

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041020\
 Data File : BF119894.D
 Acq On : 10 Apr 2020 15:03
 Operator : MA/SJ
 Sample : PB128092BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128092BS

Quant Time: Apr 10 15:39:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	197594	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	769502	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	401075	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	772451	20.00	ng	0.00
76) Chrysene-d12	13.93	240	540898	20.00	ng	0.00
87) Perylene-d12	15.36	264	505520	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1384153	121.06	ng	0.01
7) Phenol-d6	6.39	99	1771524	120.24	ng	0.00
23) Nitrobenzene-d5	7.32	82	1099731	73.93	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	550515	112.11	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2155171	76.29	ng	0.00
79) Terphenyl-d14	12.87	244	2491313	77.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	160367	31.491	ng	96
3) Pyridine	3.20	79	460779	32.978	ng	99
4) n-Nitrosodimethylamine	3.15	42	278244	38.976	ng	97
6) Aniline	6.42	93	704361	36.426	ng	99
8) 2-Chlorophenol	6.54	128	568783	44.523	ng	99
9) Benzaldehyde	6.30	77	193666	18.996	ng	98
10) Phenol	6.40	94	705746	42.224	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	528413	40.945	ng	100
12) 1,3-Dichlorobenzene	6.69	146	549984	39.324	ng	98
13) 1,4-Dichlorobenzene	6.77	146	564493	39.622	ng	100
14) 1,2-Dichlorobenzene	6.93	146	527333	40.162	ng	97
15) Benzyl Alcohol	6.90	79	423465	37.007	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	948288	37.761	ng	99
17) 2-Methylphenol	7.02	107	453665	39.793	ng	97
18) Hexachloroethane	7.27	117	214970	40.374	ng	92
19) n-Nitroso-di-n-propylamine	7.17	70	378998	40.004	ng	98
20) 3+4-Methylphenols	7.17	107	557148	39.958	ng	96
22) Acetophenone	7.17	105	725516	40.263	ng	98
24) Nitrobenzene	7.34	77	584367	39.054	ng	99
25) Isophorone	7.58	82	1092179	38.090	ng	99
26) 2-Nitrophenol	7.66	139	305195	40.826	ng	93
27) 2,4-Dimethylphenol	7.70	122	480661	42.633	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	685241	40.613	ng	99
29) 2,4-Dichlorophenol	7.90	162	472084	40.850	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	495969	37.876	ng	100
31) Naphthalene	8.06	128	1579751	39.020	ng	100
32) Benzoic acid	7.83	122	402564	40.656	ng	92
33) 4-Chloroaniline	8.11	127	517096	29.339	ng	99
34) Hexachlorobutadiene	8.18	225	281318	35.889	ng	98
35) Caprolactam	8.49	113	81460	23.043	ng	94
36) 4-Chloro-3-methylphenol	8.60	107	523919	41.873	ng	96
37) 2-Methylnaphthalene	8.75	142	1089591	39.696	ng	99
38) 1-Methylnaphthalene	8.85	142	1028399	39.751	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	476878	37.645	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041020\
 Data File : BF119894.D
 Acq On : 10 Apr 2020 15:03
 Operator : MA/SJ
 Sample : PB128092BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128092BS

Quant Time: Apr 10 15:39:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

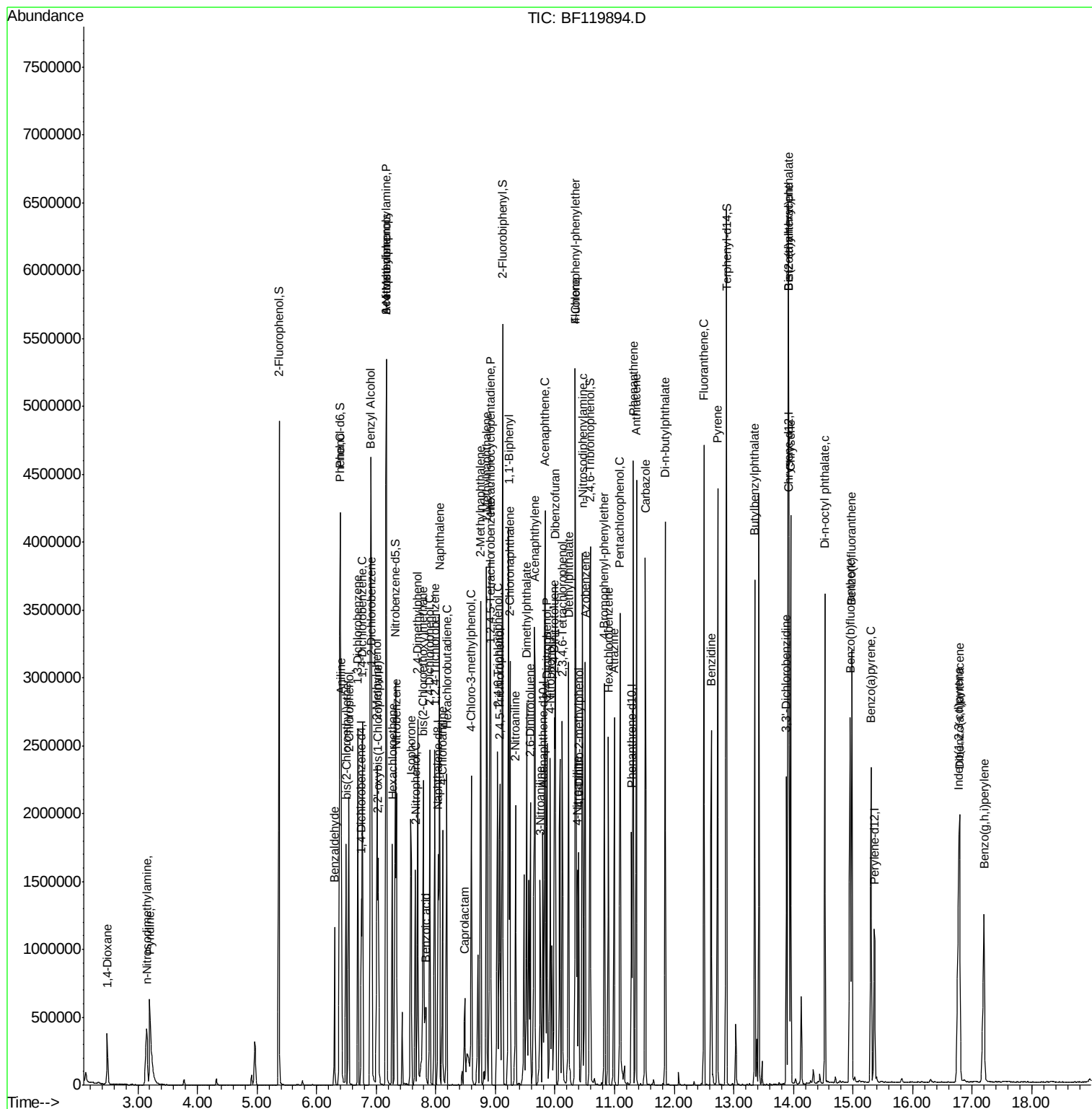
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	586653	81.442	nq	98
43) 2,4,6-Trichlorophenol	9.03	196	355212	40.607	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	378384	38.405	nq	97
46) 1,1'-Biphenyl	9.22	154	1318878	38.959	nq	99
47) 2-Chloronaphthalene	9.25	162	1025175	39.311	nq	99
48) 2-Nitroaniline	9.34	65	378319	40.032	nq	97
49) Acenaphthylene	9.66	152	1641554	41.390	nq	100
50) Dimethylphthalate	9.53	163	1228997	39.616	nq	99
51) 2,6-Dinitrotoluene	9.59	165	277081	40.787	nq	87
52) Acenaphthene	9.83	154	1007799	38.093	nq	99
53) 3-Nitroaniline	9.75	138	235591	30.365	nq	97
54) 2,4-Dinitrophenol	9.86	184	354713	87.212	nq	92
55) Dibenzofuran	10.00	168	1468512	40.450	nq	99
56) 4-Nitrophenol	9.92	139	480110	83.166	nq	98
57) 2,4-Dinitrotoluene	9.99	165	368487	41.170	nq	97
58) Fluorene	10.35	166	1135452	39.107	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	324540	43.070	nq	98
60) Diethylphthalate	10.23	149	1254675	39.022	nq	100
61) 4-Chlorophenyl-phenylether	10.34	204	541706	36.402	nq	97
62) 4-Nitroaniline	10.37	138	310949	42.053	nq	96
63) Azobenzene	10.50	77	1173608	40.729	nq	95
65) 4,6-Dinitro-2-methylphenol	10.40	198	223989	44.015	nq	82
66) n-Nitrosodiphenylamine	10.46	169	1056172	41.113	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	363738	37.865	nq	97
68) Hexachlorobenzene	10.90	284	396694	40.707	nq	93
69) Atrazine	10.99	200	313112	43.806	nq	98
70) Pentachlorophenol	11.09	266	445397	79.310	nq	99
71) Phenanthrene	11.31	178	1657641	40.321	nq	98
72) Anthracene	11.36	178	1718488	40.919	nq	100
73) Carbazole	11.52	167	1596453	40.197	nq	99
74) Di-n-butylphthalate	11.85	149	1953392	37.414	nq	99
75) Fluoranthene	12.50	202	1787549	40.298	nq	100
77) Benzidine	12.62	184	946862	51.787	nq	97
78) Pyrene	12.73	202	1821245	39.941	nq	99
80) Butylbenzylphthalate	13.35	149	809357	36.579	nq	99
81) Benzo(a)anthracene	13.92	228	1411664	39.672	nq	99
82) 3,3'-Dichlorobenzidine	13.88	252	429297	32.334	nq	96
83) Chrysene	13.96	228	1457750	40.318	nq	99
84) Bis(2-ethylhexyl)phthalate	13.91	149	1007630	33.629	nq	# 98
85) Di-n-octyl phthalate	14.53	149	1730079	33.912	nq	99
86) Indeno(1,2,3-cd)pyrene	16.77	276	1277583	40.086	nq	98
88) Benzo(b)fluoranthene	14.95	252	1401248	38.532	nq	99
89) Benzo(k)fluoranthene	14.98	252	1306424	41.636	nq	99
90) Benzo(a)pyrene	15.30	252	1219706	39.890	nq	99
91) Dibenzo(a,h)anthracene	16.79	278	1069410	39.484	nq	98
92) Benzo(g,h,i)perylene	17.20	276	1051147	39.317	nq	97

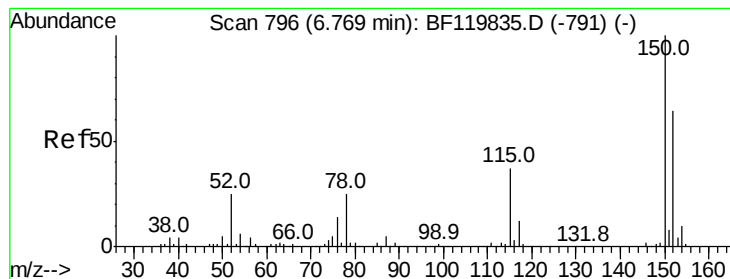
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041020\  
Data File : BF119894.D  
Acq On    : 10 Apr 2020 15:03  
Operator  : MA/SJ  
Sample    : PB128092BS  
Misc      :  
ALS Vial  : 6      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
PB128092BS

Quant Time: Apr 10 15:39:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 13:48:19 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

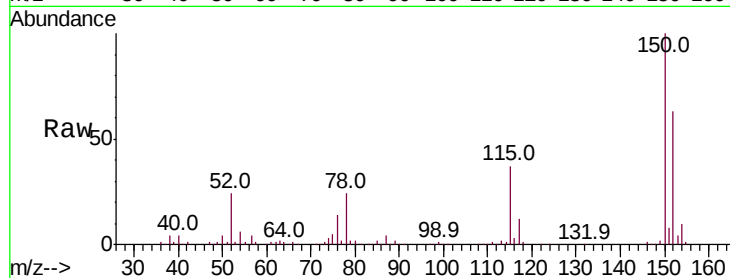
Tot Ion:152 Resp: 197594

Ion Ratio Lower Upper

152 100

150 158.3 124.8 187.2

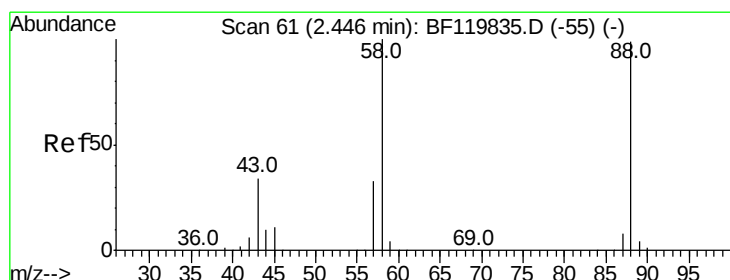
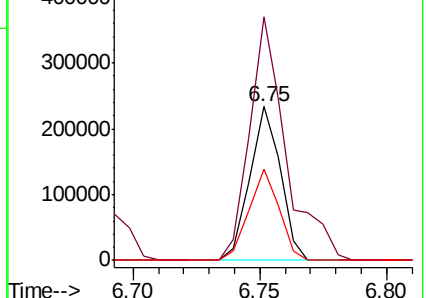
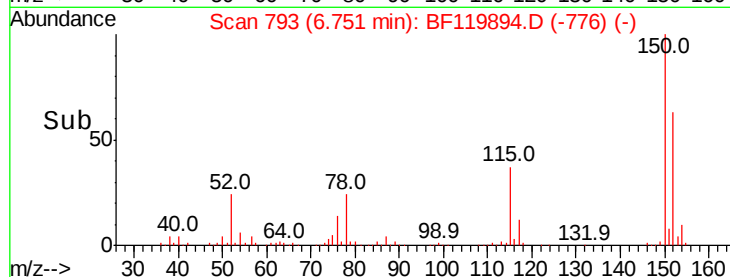
115 59.3 46.5 69.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.491 ng

RT: 2.49 min Scan# 68

Delta R.T. 0.06 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

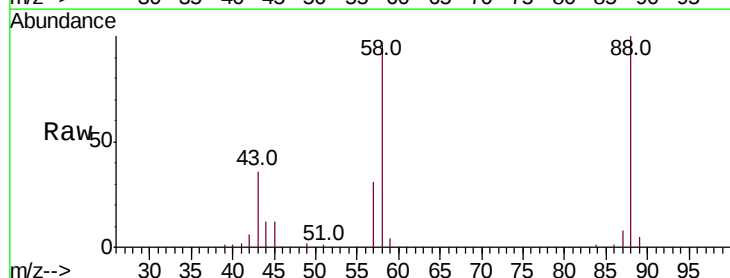
Tgt Ion: 88 Resp: 160367

Ion Ratio Lower Upper

88 100

58 98.2 82.6 123.8

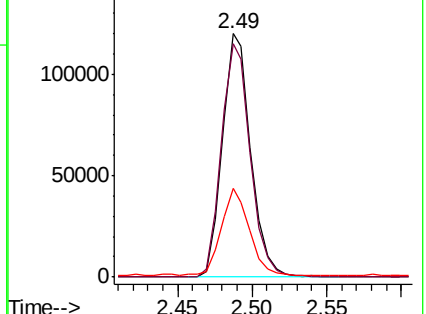
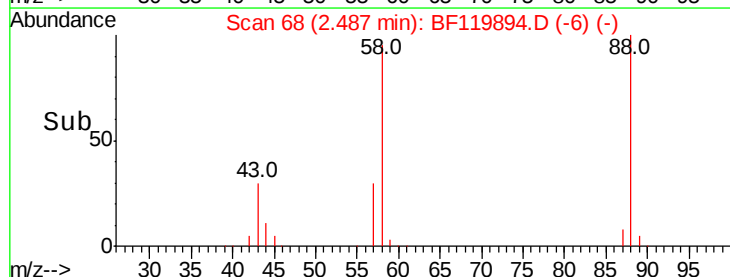
43 35.4 28.6 42.8

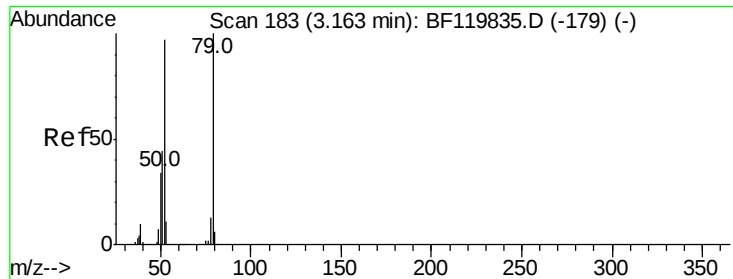


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

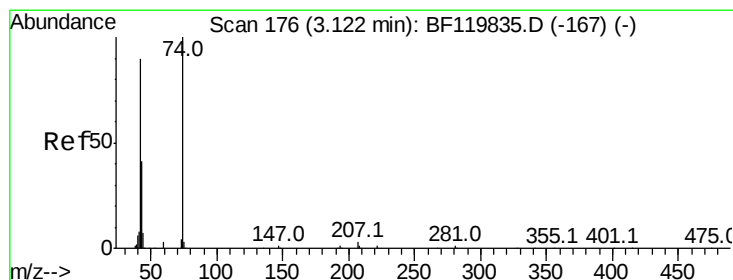
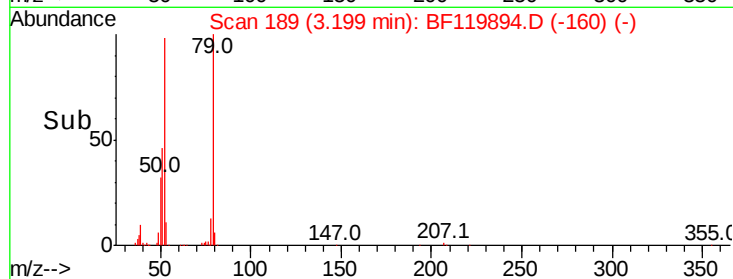
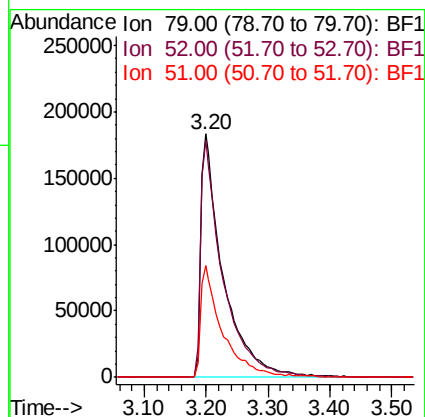
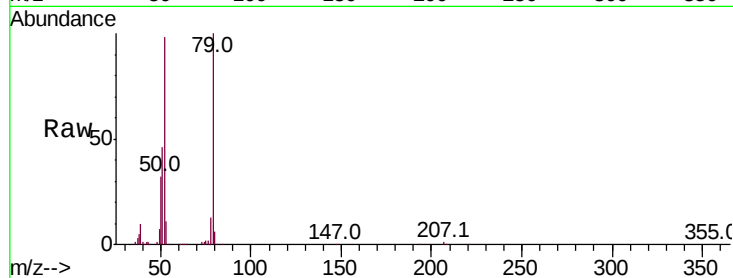




#3
 Pvridine
 Concen: 32.978 ng
 RT: 3.20 min Scan# 189
 Delta R.T. 0.07 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

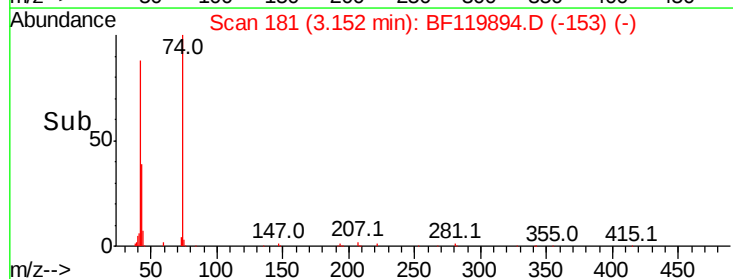
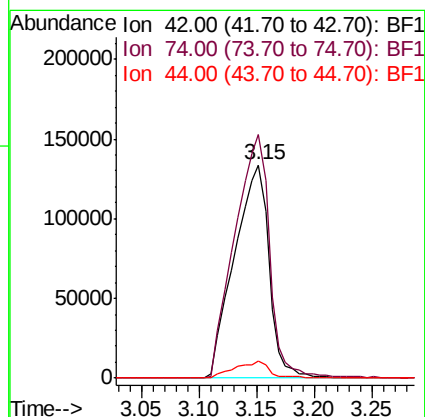
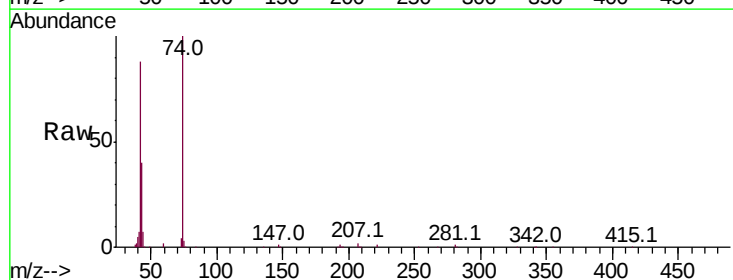
Instrument :
 BNA_N
 ClientSampleId :
 PB128092BS

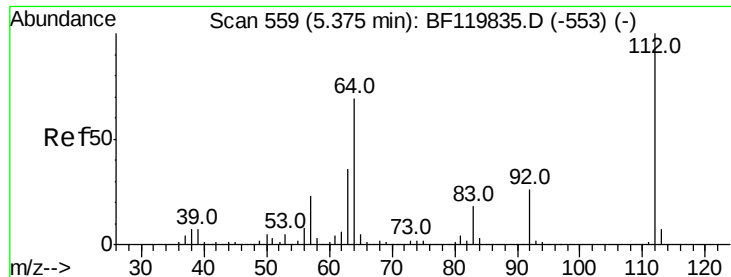
Tot Ion: 79 Resp: 460779
 Ion Ratio Lower Upper
 79 100
 52 97.5 77.4 116.0
 51 45.8 35.3 52.9



#4
 n-Nitrosodimethylamine
 Concen: 38.976 ng
 RT: 3.15 min Scan# 181
 Delta R.T. 0.06 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion: 42 Resp: 278244
 Ion Ratio Lower Upper
 42 100
 74 114.2 89.0 133.4
 44 8.1 6.2 9.4





#5

2-Fluorophenol

Concen: 121.060 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

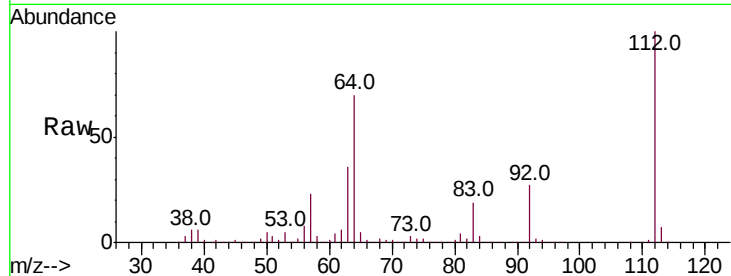
Tot Ion:112 Resp: 1384153

Ion Ratio Lower Upper

112 100

64 69.6 55.5 83.3

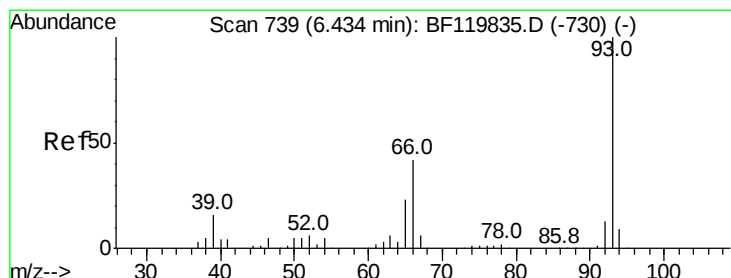
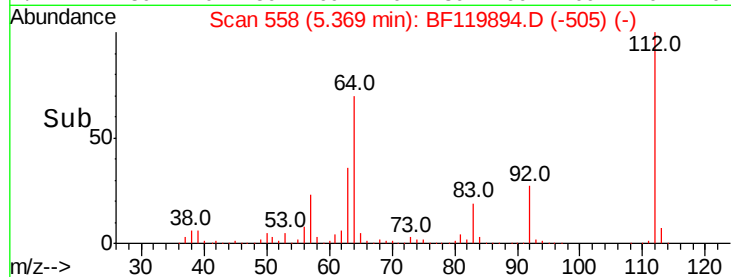
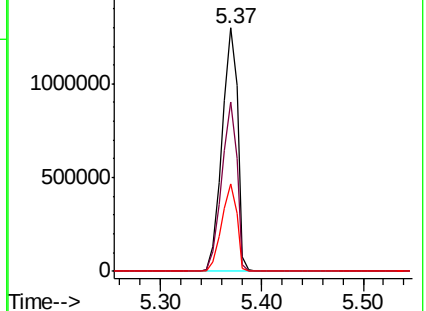
63 36.0 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.426 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

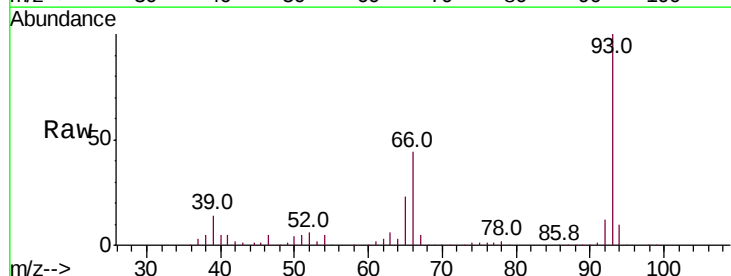
Tgt Ion: 93 Resp: 704361

Ion Ratio Lower Upper

93 100

66 43.9 34.2 51.2

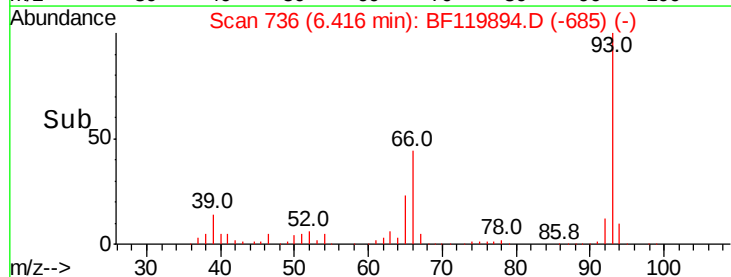
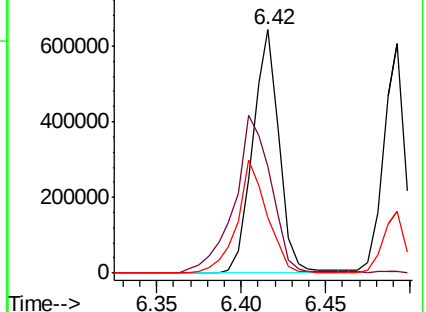
65 22.9 18.3 27.5

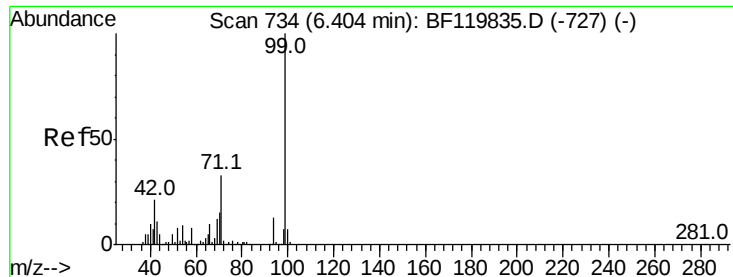


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.244 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

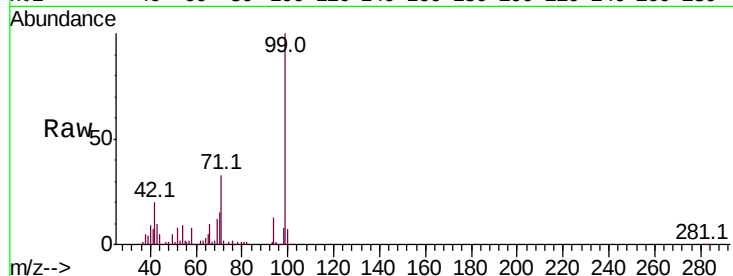
Tot Ion: 99 Resp: 1771524

Ion Ratio Lower Upper

99 100

42 19.9 16.9 25.3

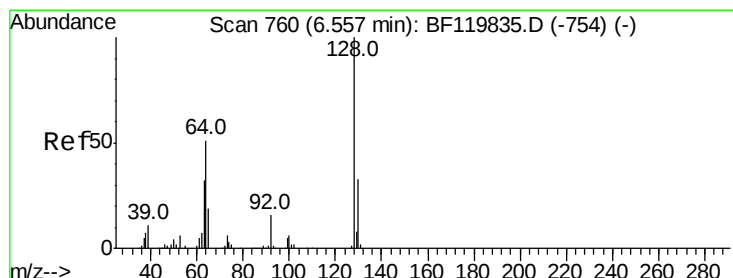
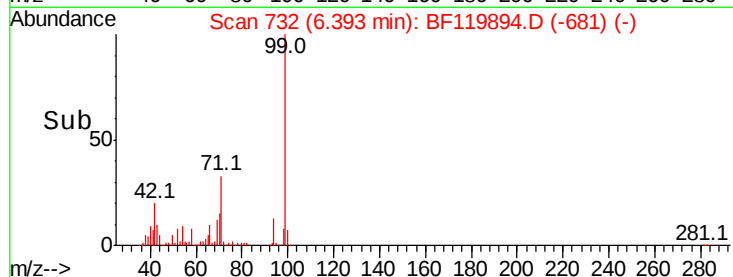
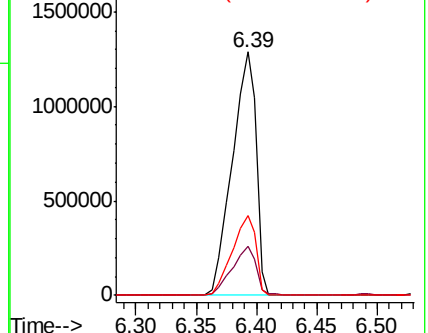
71 33.0 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.523 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

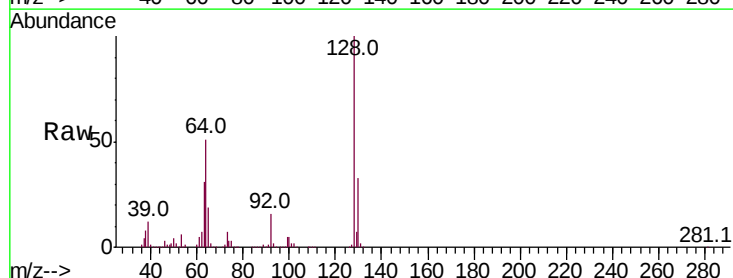
Tgt Ion:128 Resp: 568783

Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

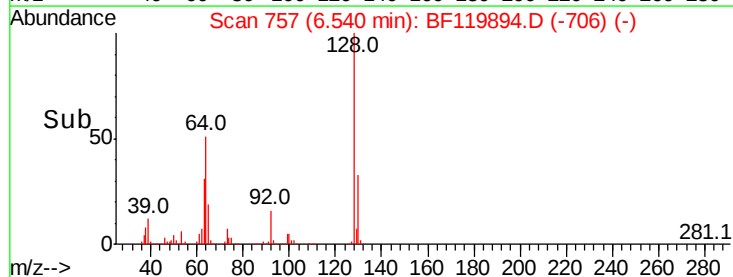
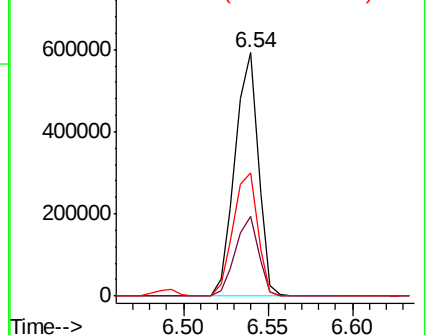
64 50.6 32.0 72.0

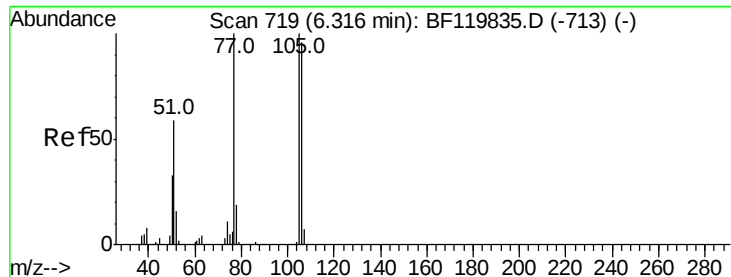


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.996 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

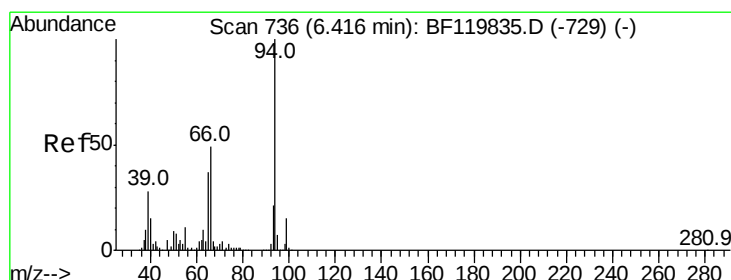
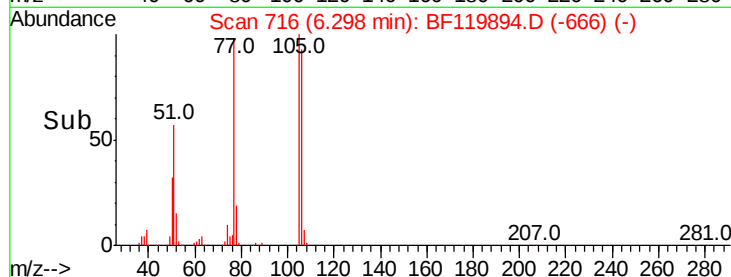
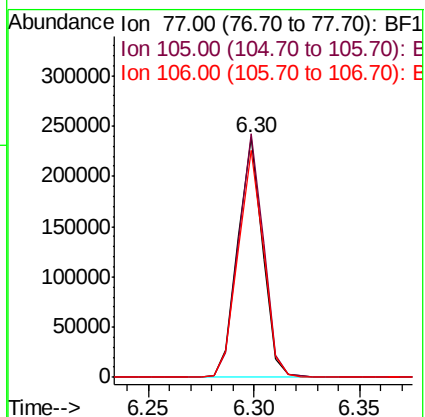
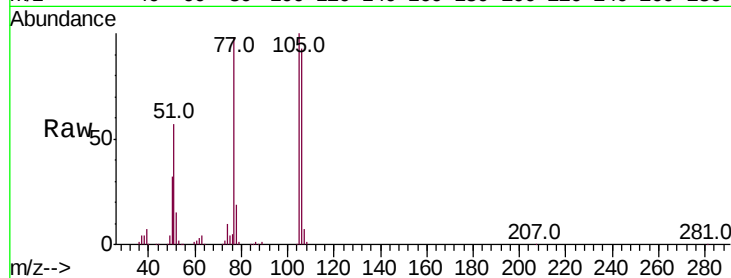
Tot Ion: 77 Resp: 193666

Ion Ratio Lower Upper

77 100

105 101.8 79.9 119.9

106 94.9 76.4 116.4



#10

Phenol

Concen: 42.224 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

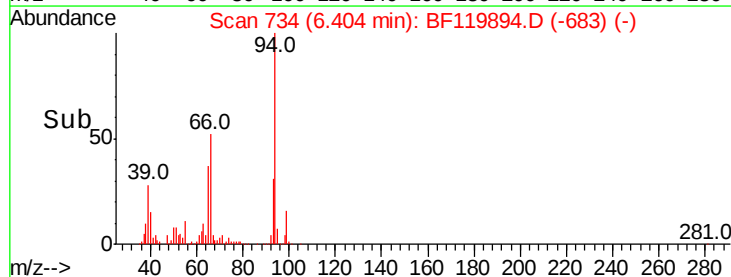
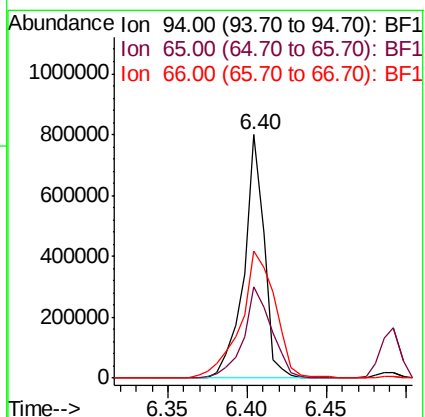
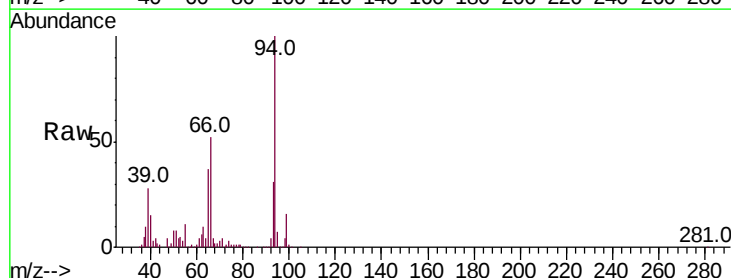
Tgt Ion: 94 Resp: 705746

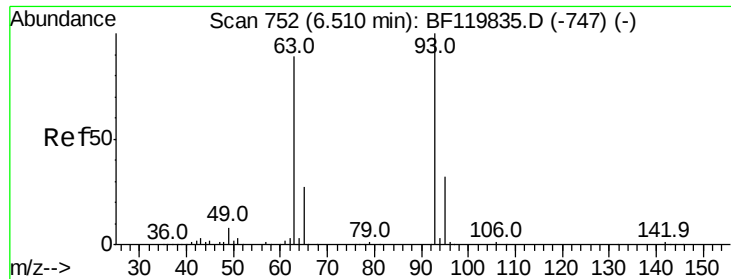
Ion Ratio Lower Upper

94 100

65 37.3 16.6 56.6

66 52.0 29.3 69.3





#11

bis(2-Chloroethyl)ether

Concen: 40.945 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

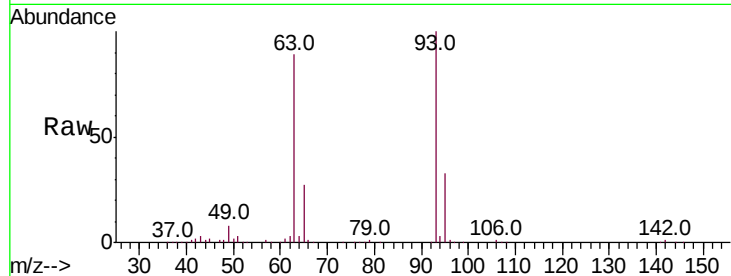
Tot Ion: 93 Resp: 528413

Ion Ratio Lower Upper

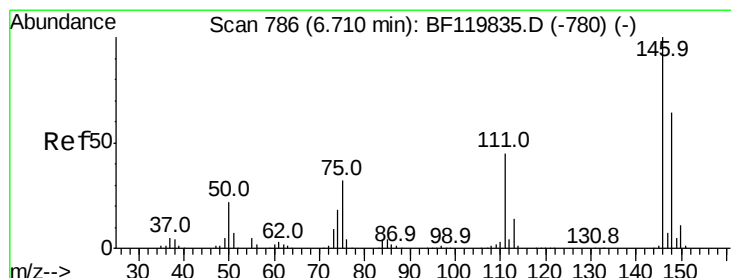
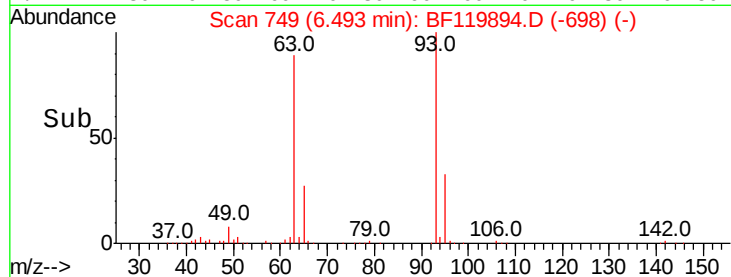
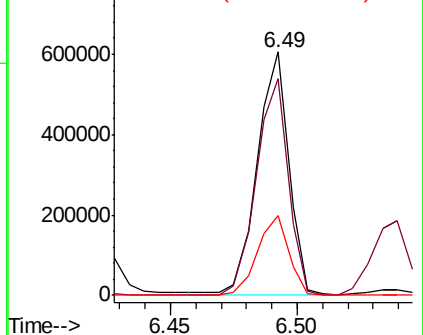
93 100

63 89.3 69.1 109.1

95 33.0 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.324 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

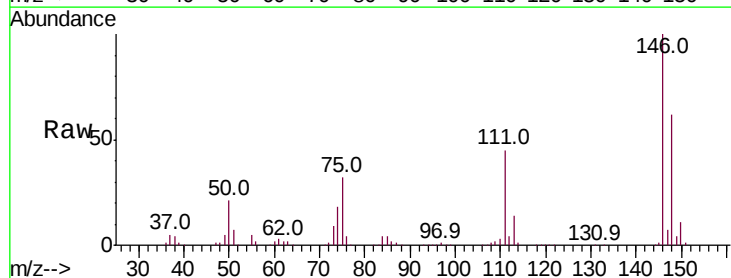
Tgt Ion: 146 Resp: 549984

Ion Ratio Lower Upper

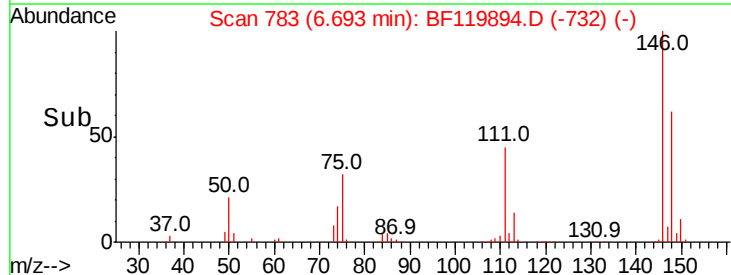
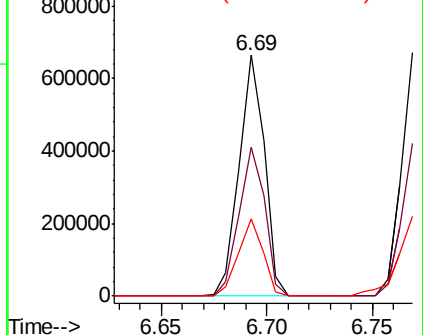
146 100

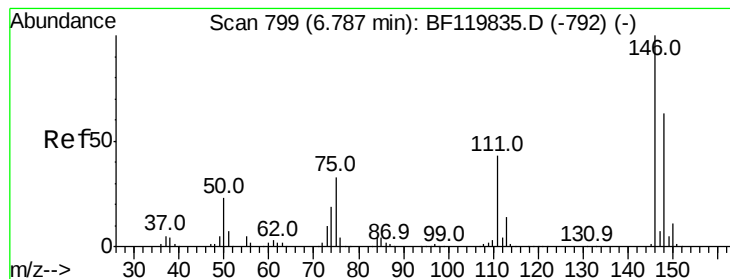
148 61.7 51.3 76.9

75 32.0 25.3 37.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.622 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

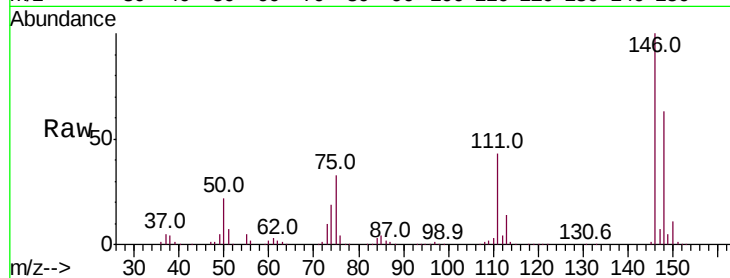
Tot Ion:146 Resp: 564493

Ion Ratio Lower Upper

146 100

148 62.7 50.5 75.7

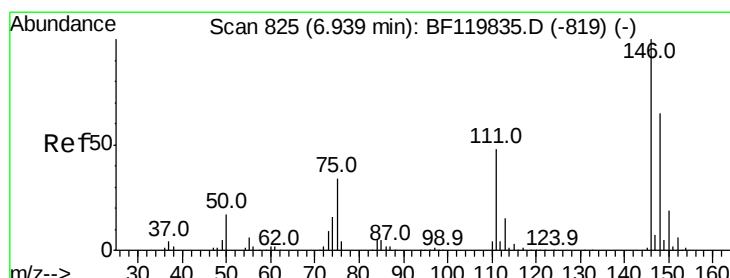
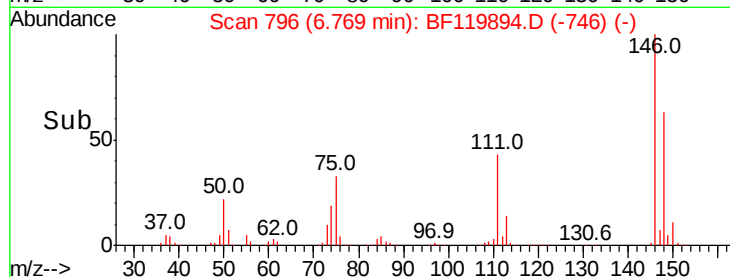
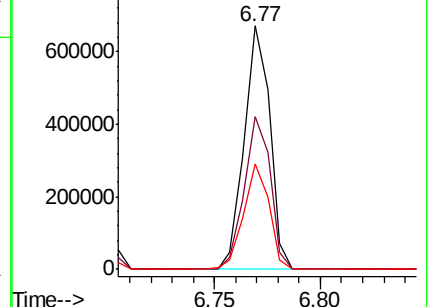
111 43.4 34.7 52.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.162 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

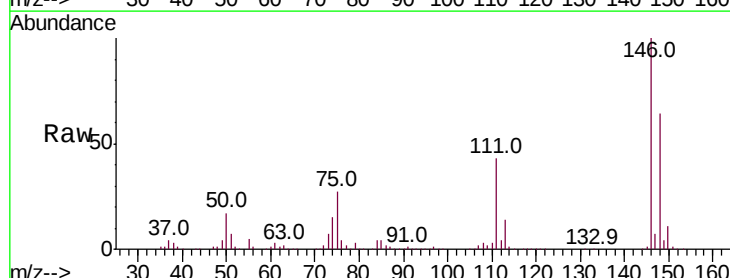
Tgt Ion:146 Resp: 527333

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

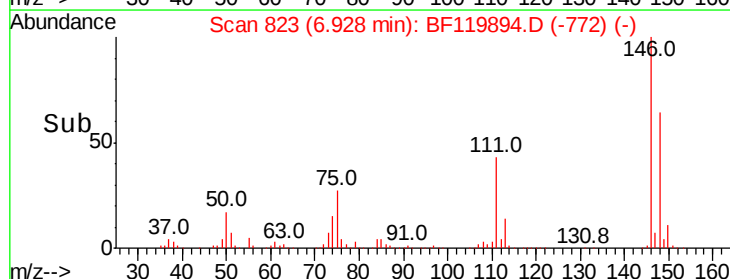
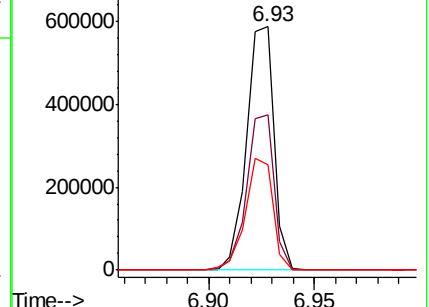
111 43.5 38.0 57.0

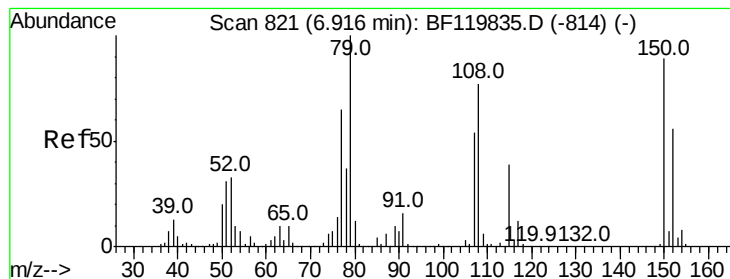


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.007 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

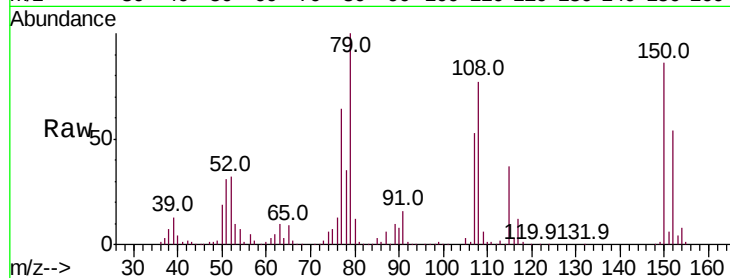
Tot Ion: 79 Resp: 423465

Ion Ratio Lower Upper

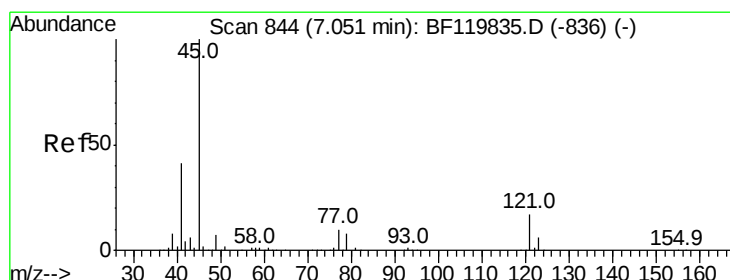
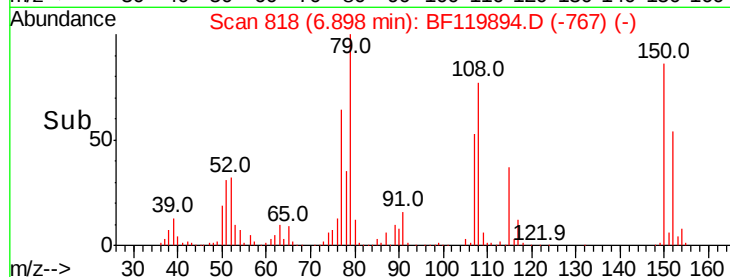
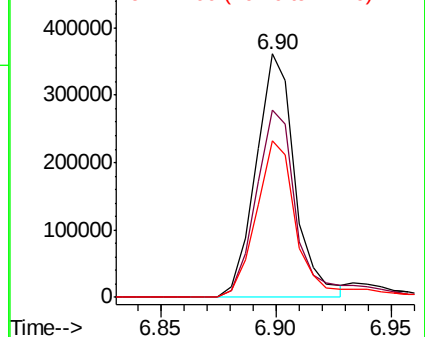
79 100

108 76.8 62.0 93.0

77 64.2 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.761 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

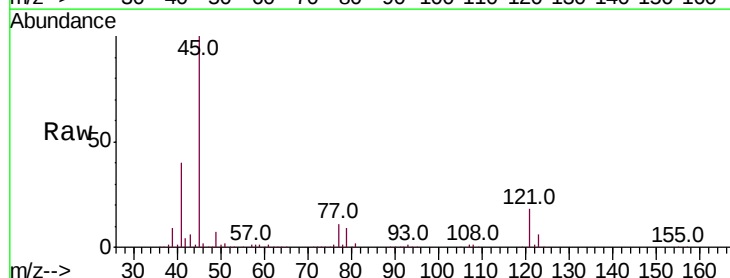
Tgt Ion: 45 Resp: 948288

Ion Ratio Lower Upper

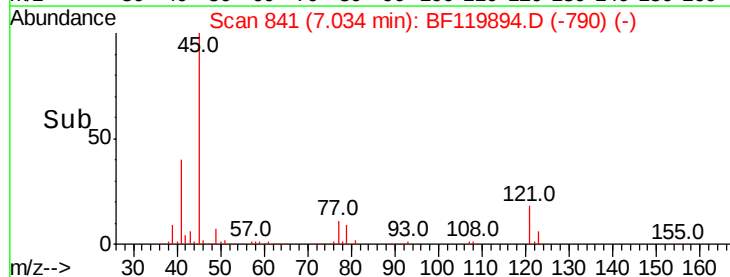
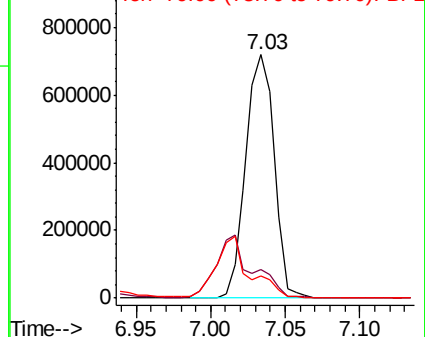
45 100

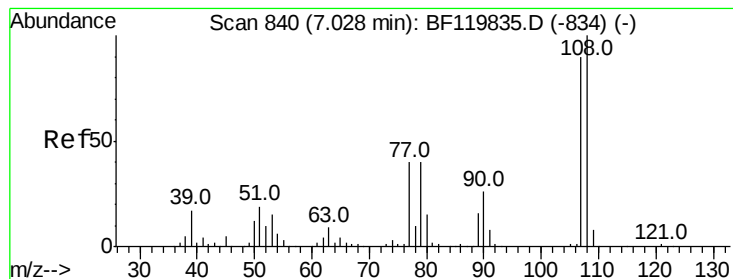
77 11.5 0.0 30.7

79 8.8 0.0 28.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.793 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

Tot Ion:107 Resp: 453665

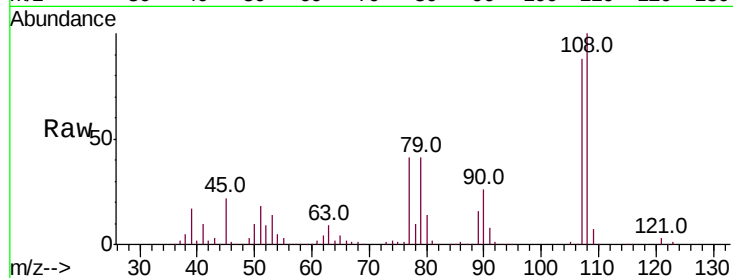
Ion Ratio Lower Upper

107 100

108 113.8 88.8 133.2

77 47.0 36.0 54.0

79 46.3 35.7 53.5

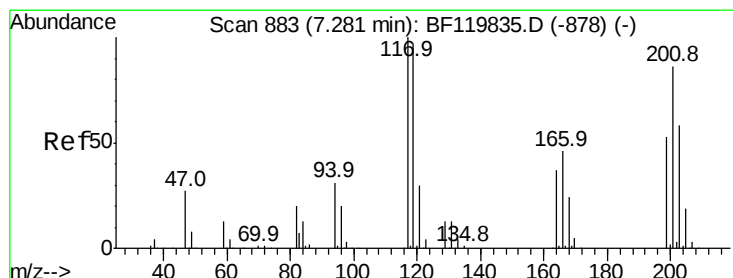
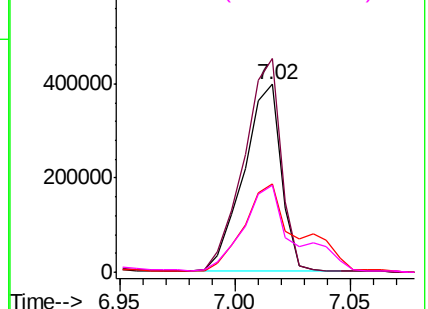
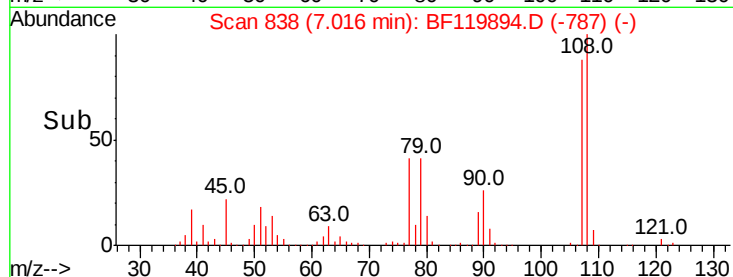


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.374 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

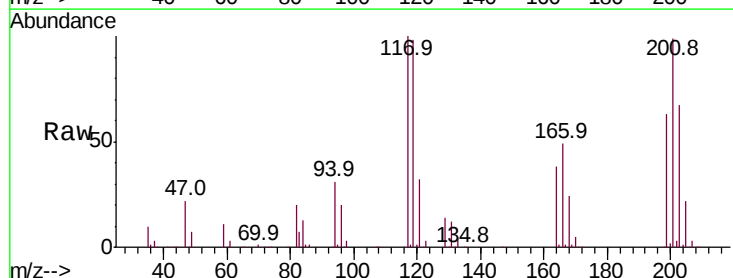
Tgt Ion:117 Resp: 214970

Ion Ratio Lower Upper

117 100

119 97.7 77.4 116.0

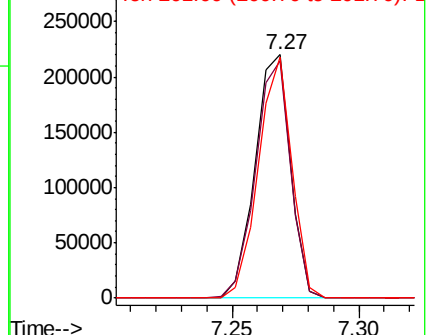
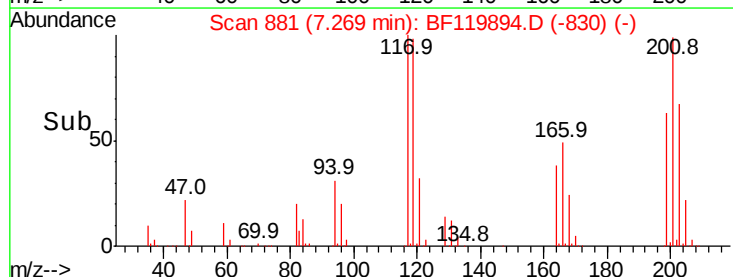
201 99.2 68.4 102.6

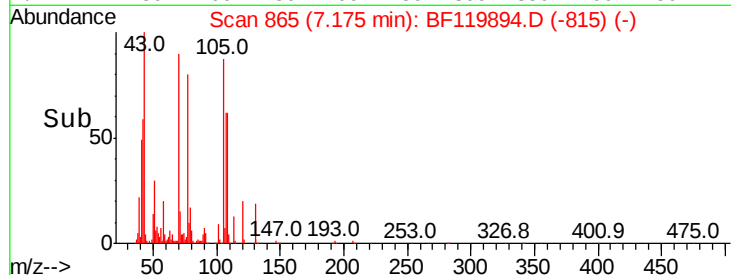
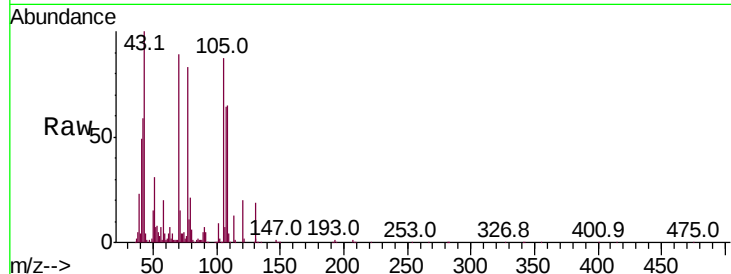
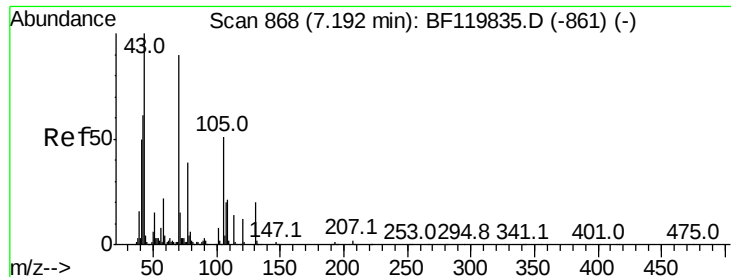


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

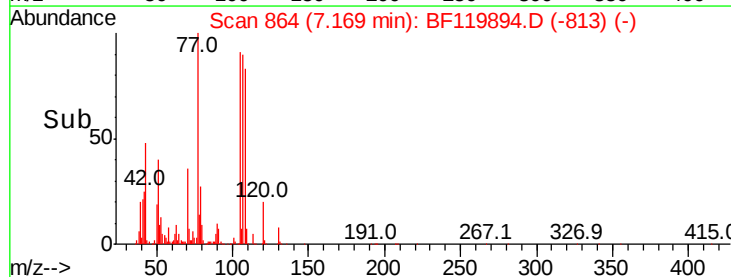
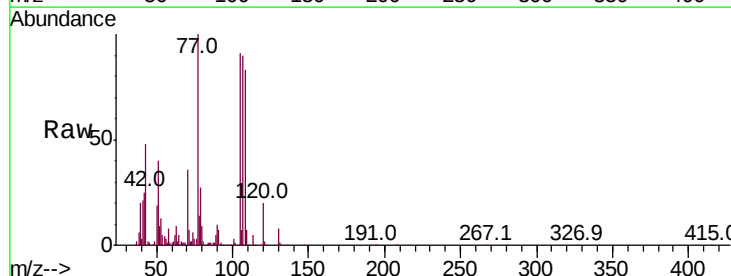
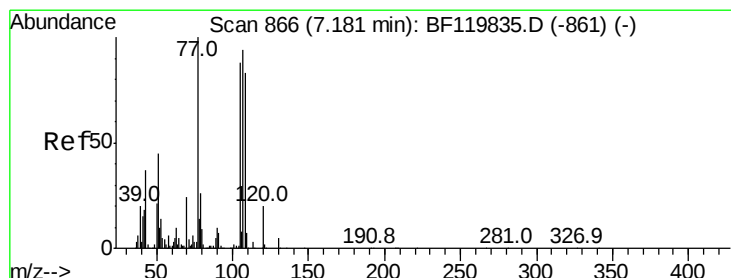
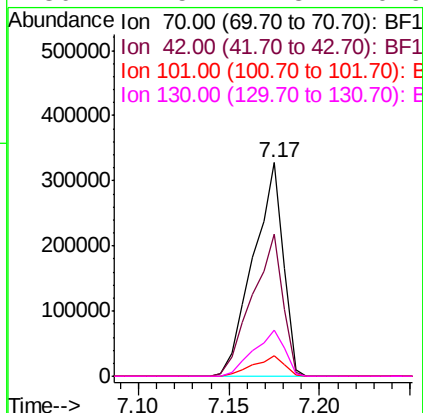




#19
n-Nitroso-di-n-propylamine
Concen: 40.004 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

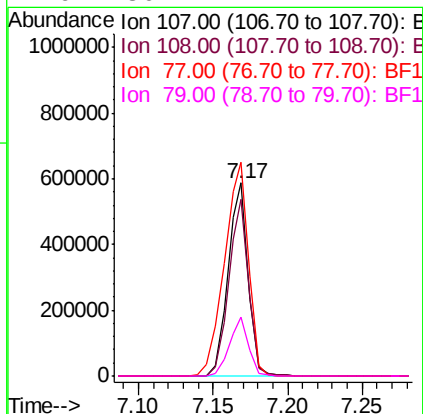
Instrument :
BNA_N
ClientSampleId :
PB128092BS

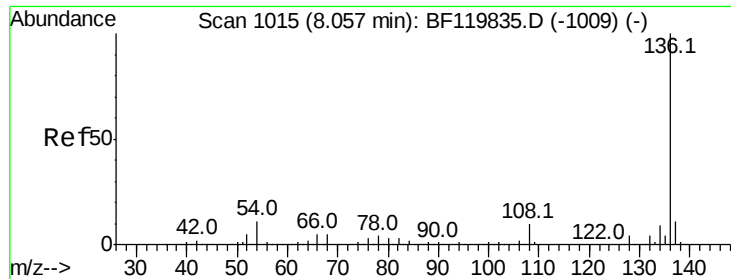
Tot Ion:	70	Resp:	378998
Ion	Ratio	Lower	Upper
70	100		
42	66.4	54.2	81.4
101	9.6	7.4	11.2
130	21.5	17.8	26.6



#20
3+4-Methylphenols
Concen: 39.958 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion:	107	Resp:	557148
Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	110.6	86.6	126.6
79	30.2	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

Tot Ion:136 Resp: 769502

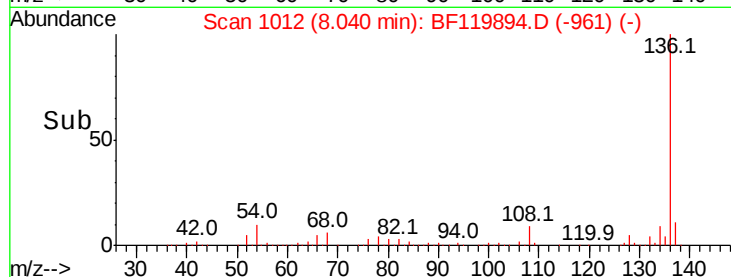
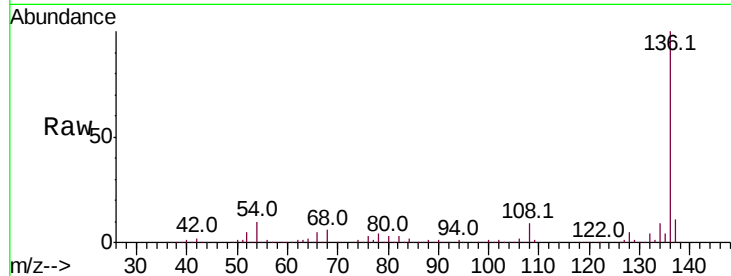
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.7 8.5 12.7

68 5.7 3.9 5.9

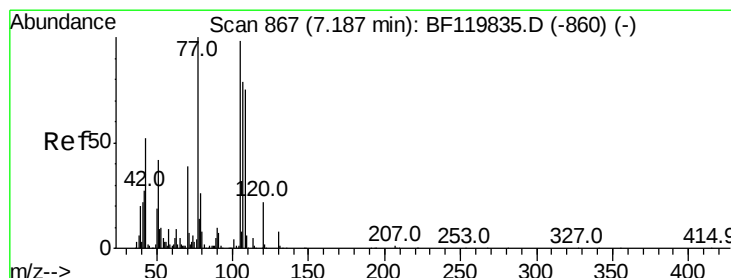
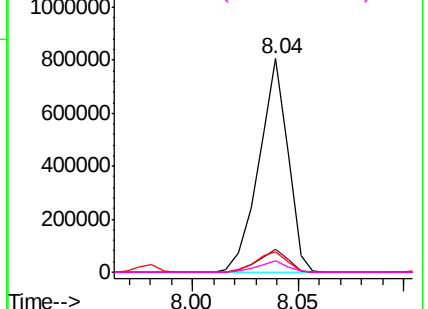


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.263 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Tgt Ion:105 Resp: 725516

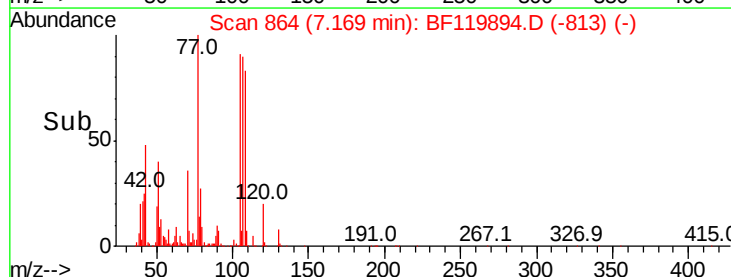
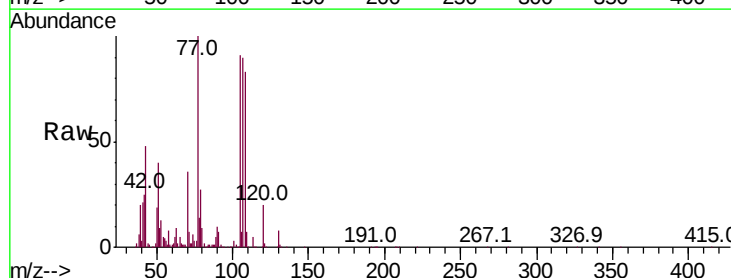
Ion Ratio Lower Upper

105 100

71 7.3 5.6 8.4

51 44.2 33.9 50.9

120 21.8 17.8 26.8

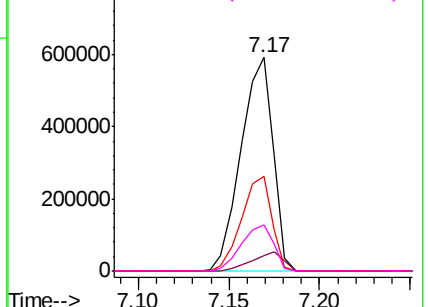


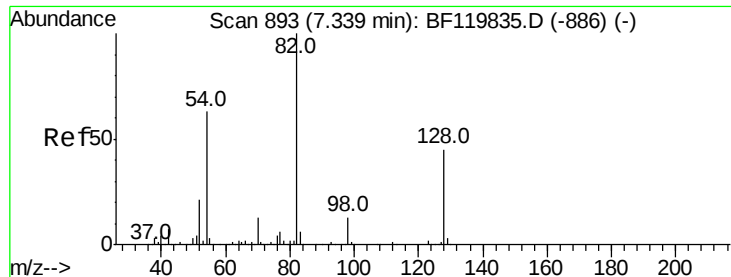
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

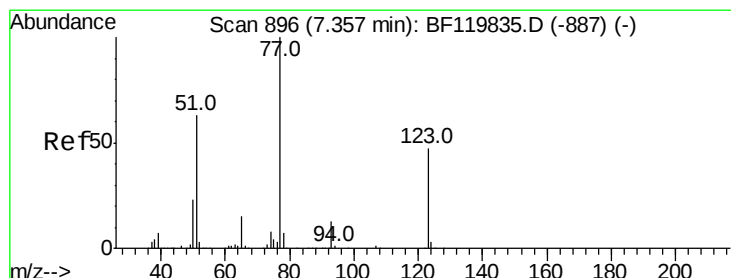
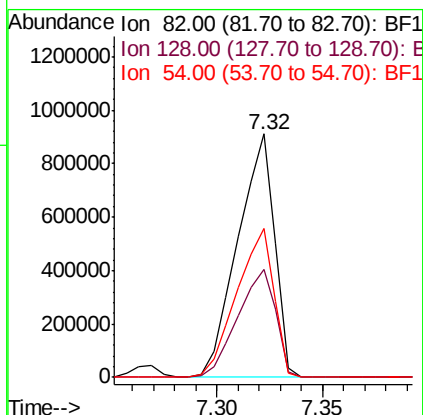
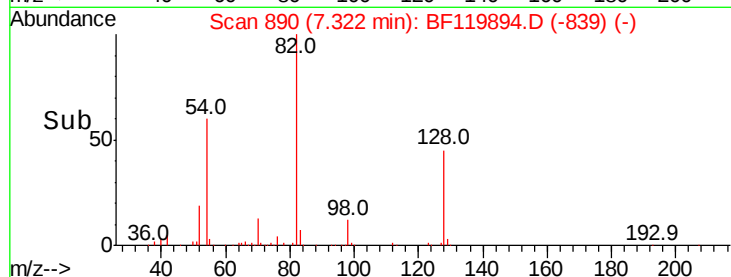
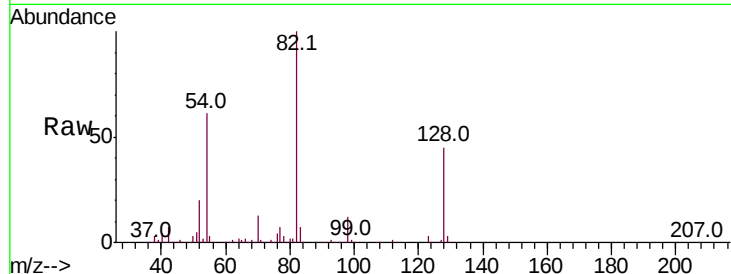




#23
Nitrobenzene-d5
Concen: 73.935 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

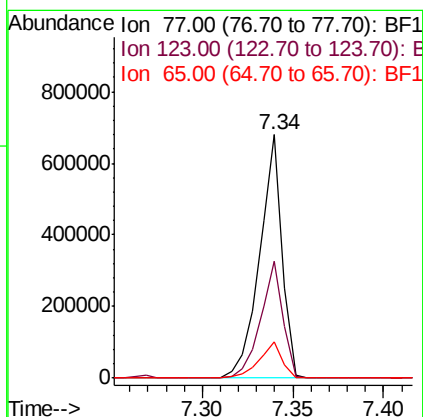
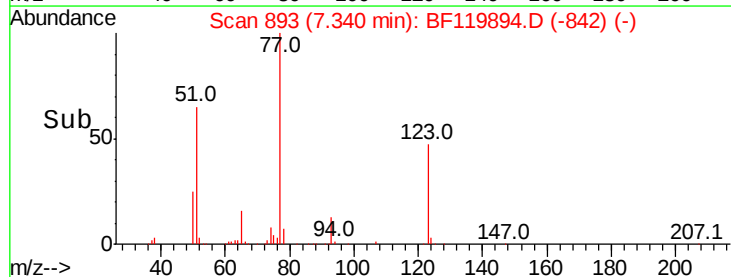
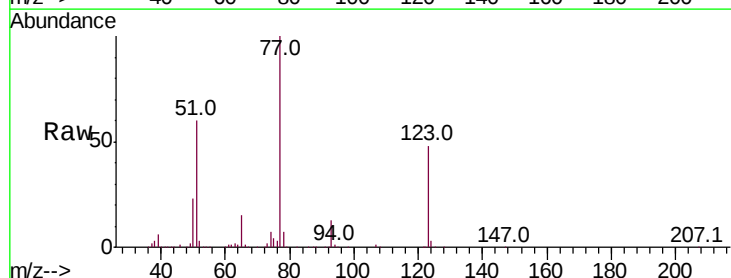
Instrument :
BNA_N
ClientSampleId :
PB128092BS

Tot Ion: 82 Resp: 1099731
Ion Ratio Lower Upper
82 100
128 44.6 36.2 54.4
54 61.1 50.4 75.6



#24
Nitrobenzene
Concen: 39.054 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion: 77 Resp: 584367
Ion Ratio Lower Upper
77 100
123 47.9 37.8 56.8
65 14.9 12.2 18.2





#25

Isophorone

Concen: 38.090 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

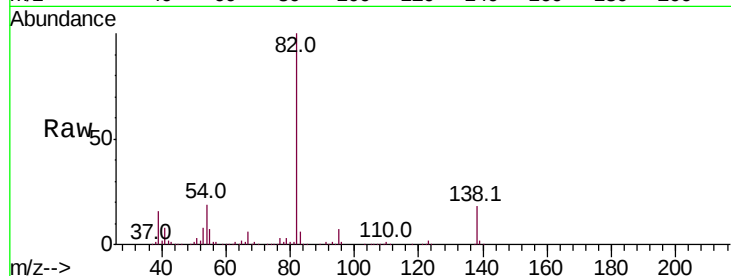
Tot Ion: 82 Resp: 1092179

Ion Ratio Lower Upper

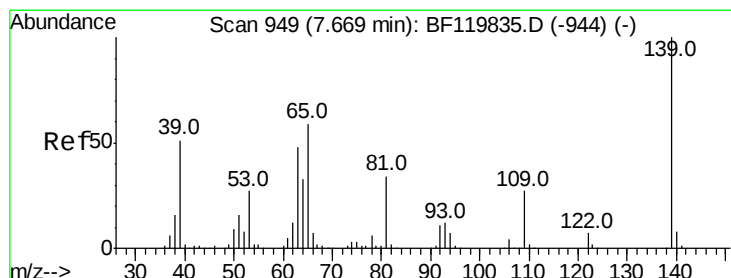
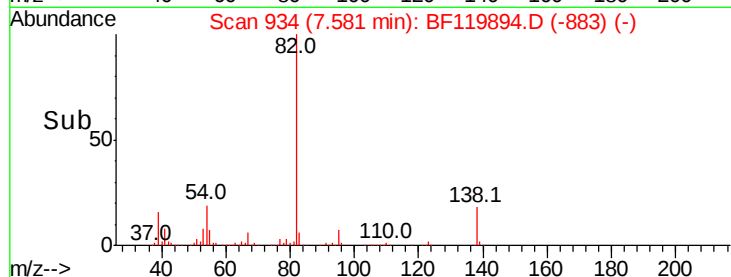
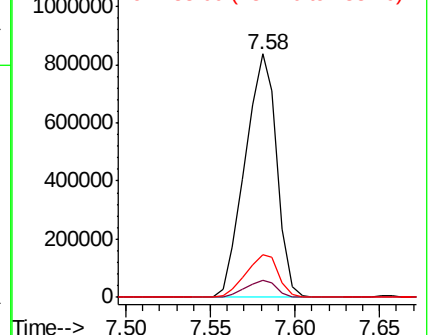
82 100

95 7.0 5.8 8.6

138 17.7 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.826 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

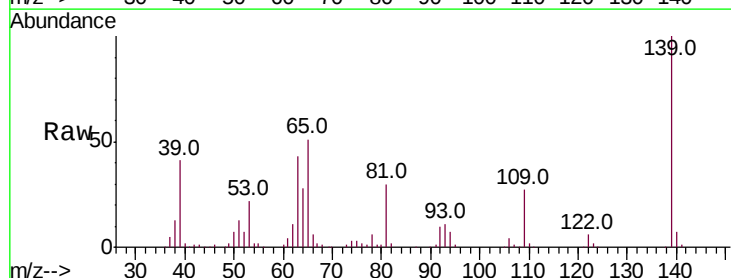
Tgt Ion:139 Resp: 305195

Ion Ratio Lower Upper

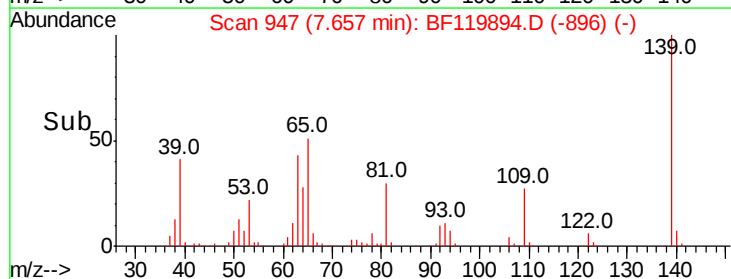
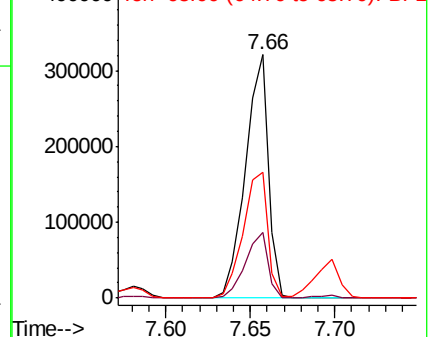
139 100

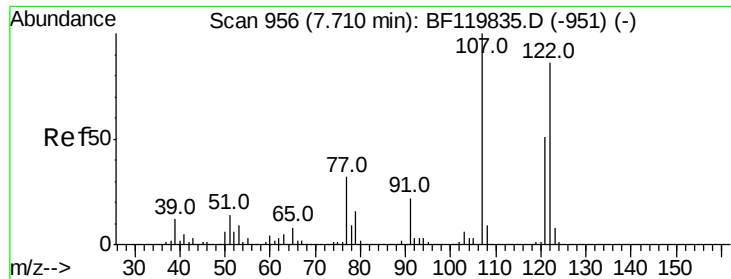
109 27.1 21.8 32.6

65 51.5 47.0 70.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

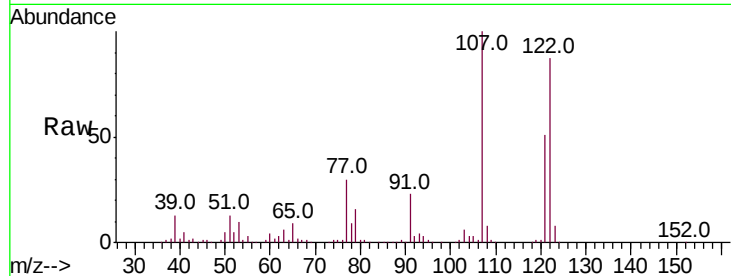




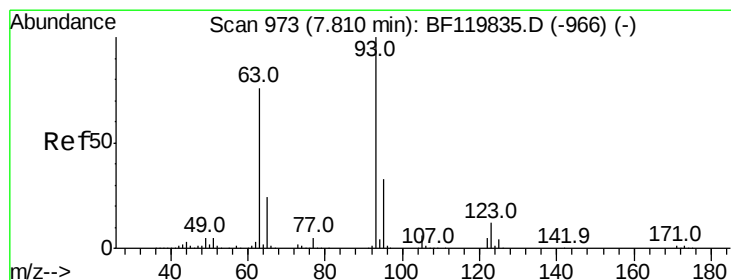
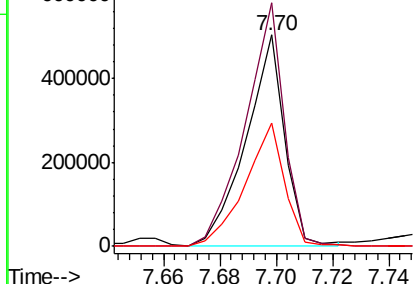
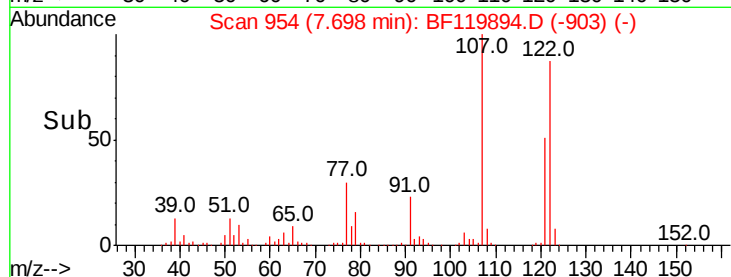
#27
 2,4-Dimethylphenol
 Concen: 42.633 ng
 RT: 7.70 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_N
 ClientSampleId :
 PB128092BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	92.3	138.5
121	58.2	46.6	70.0

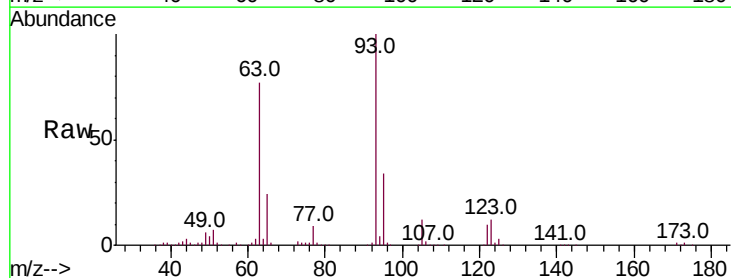


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

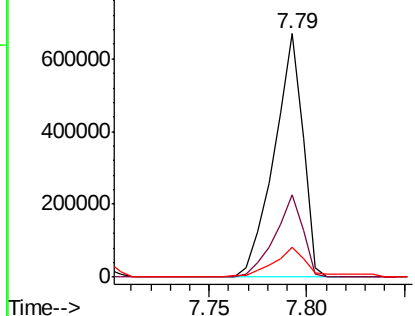
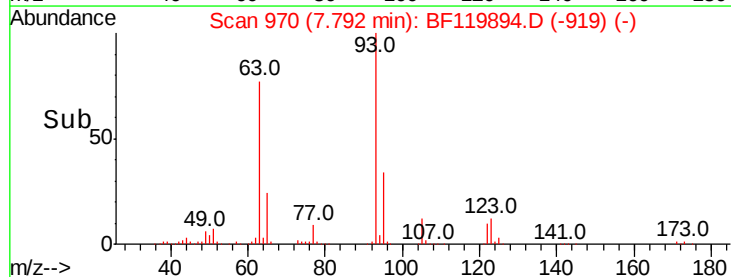


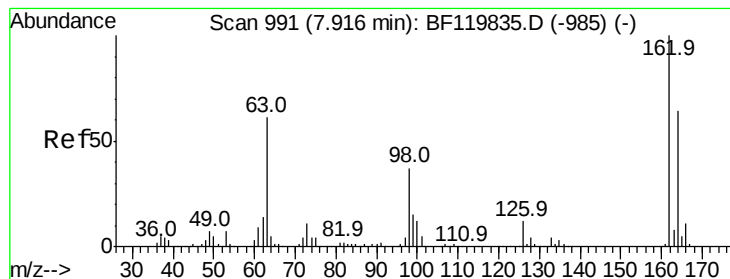
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.613 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.4	39.6
123	12.1	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.850 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

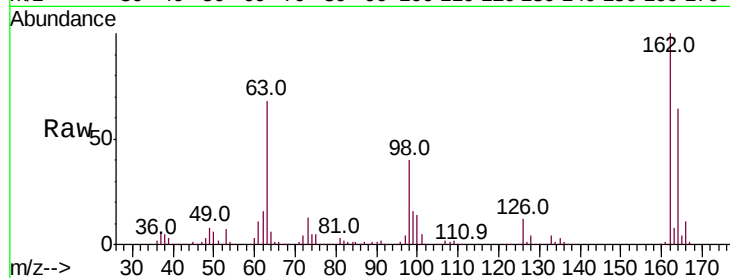
Tot Ion:162 Resp: 472084

Ion Ratio Lower Upper

162 100

164 64.0 44.4 84.4

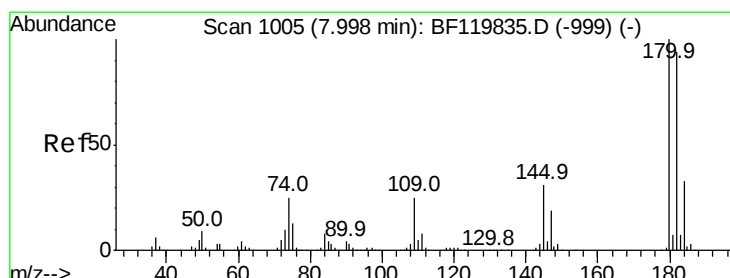
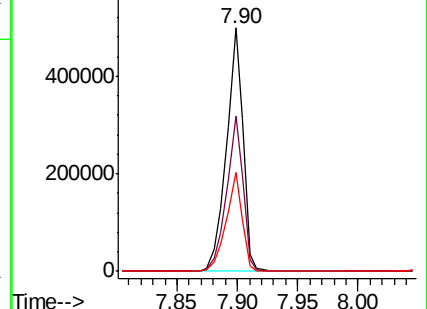
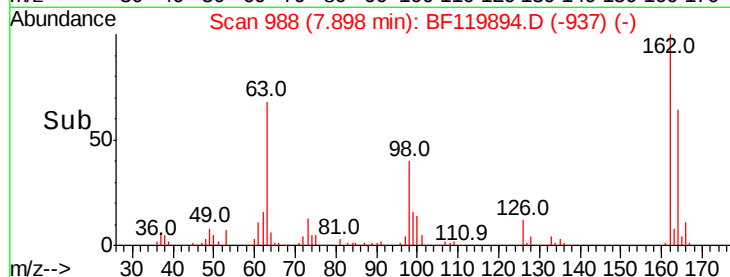
98 40.4 17.3 57.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.876 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

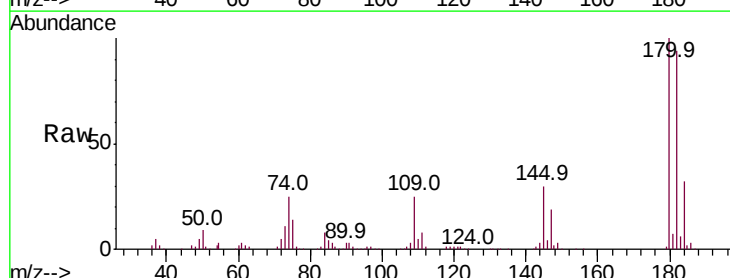
Tgt Ion:180 Resp: 495969

Ion Ratio Lower Upper

180 100

182 94.5 75.4 113.0

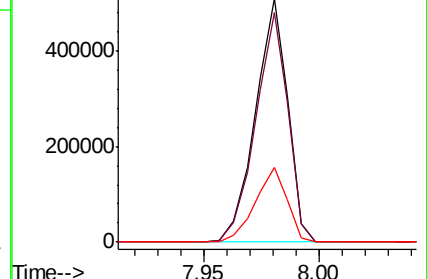
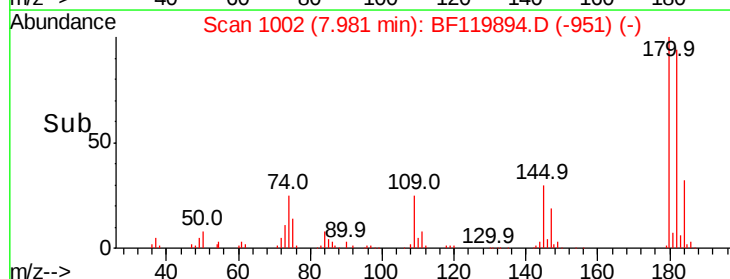
145 30.5 24.6 37.0

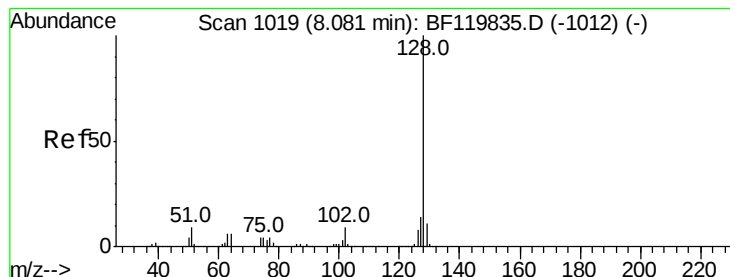


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.020 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

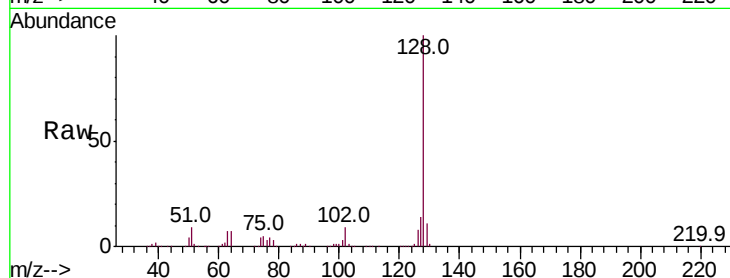
Tot Ion:128 Resp: 1579751

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

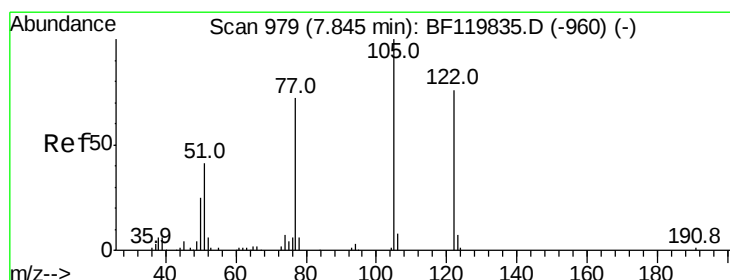
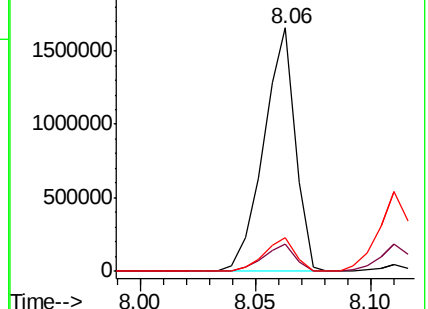
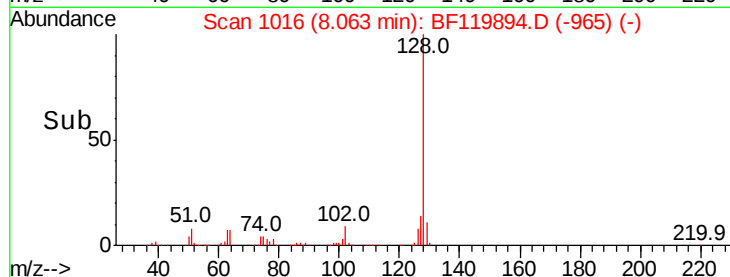
127 13.8 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.656 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

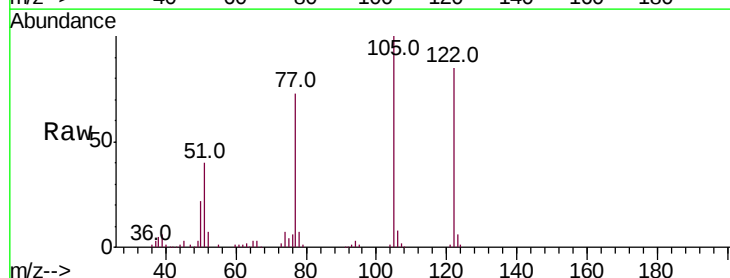
Tgt Ion:122 Resp: 402564

Ion Ratio Lower Upper

122 100

105 117.2 106.7 146.7

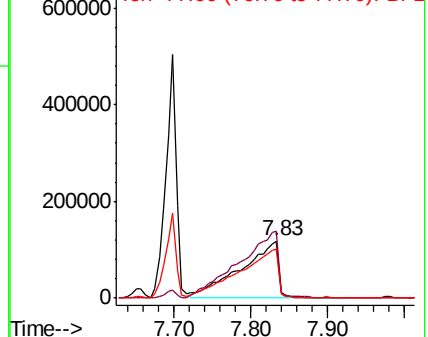
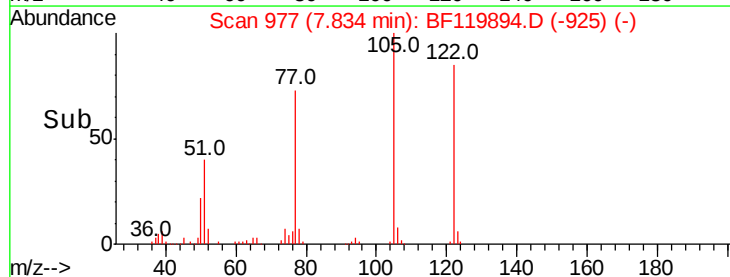
77 85.7 72.1 112.1

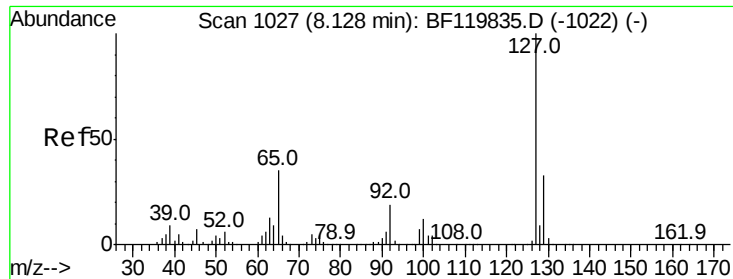


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

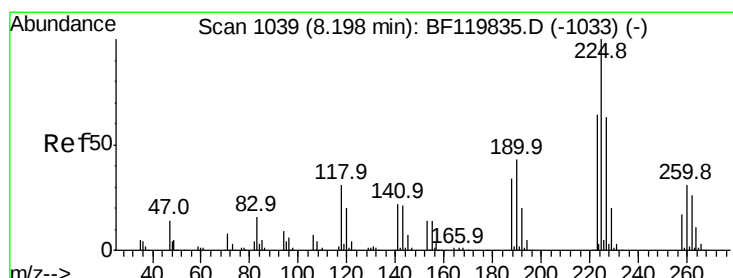
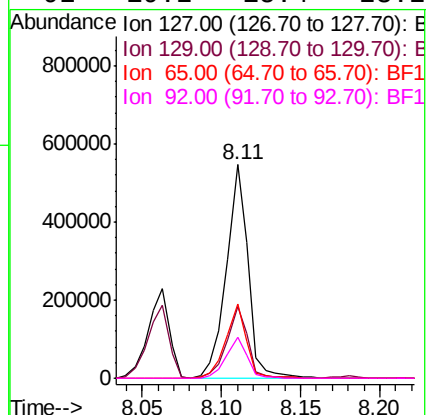
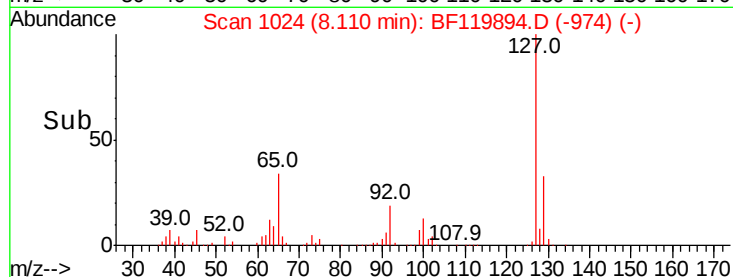
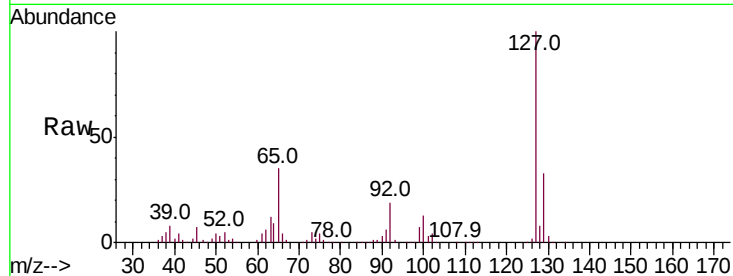




#33
4-Chloroaniline
Concen: 29.339 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

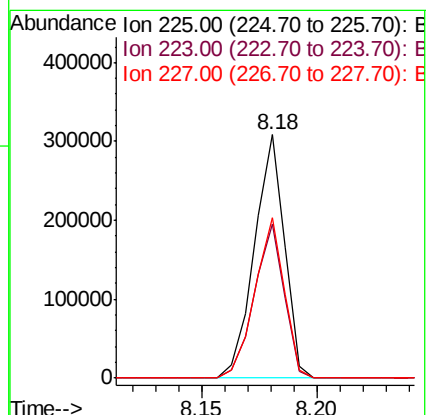
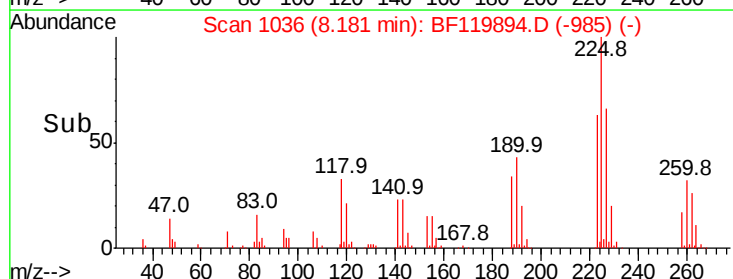
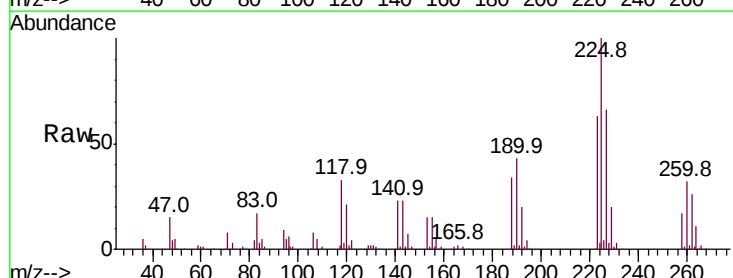
Instrument :
BNA_N
ClientSampleId :
PB128092BS

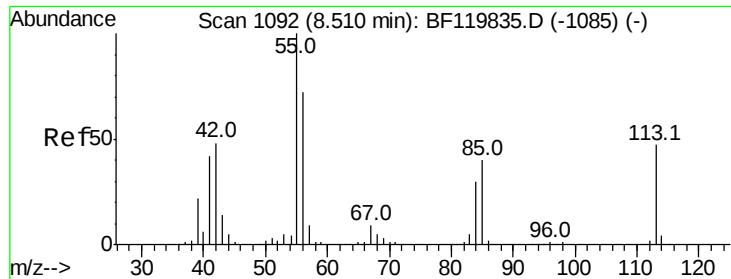
Tot Ion:	127	Resp:	517096
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.2
65	34.8	28.3	42.5
92	19.2	15.4	23.2



#34
Hexachlorobutadiene
Concen: 35.889 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion:	225	Resp:	281318
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	66.0	50.4	75.6

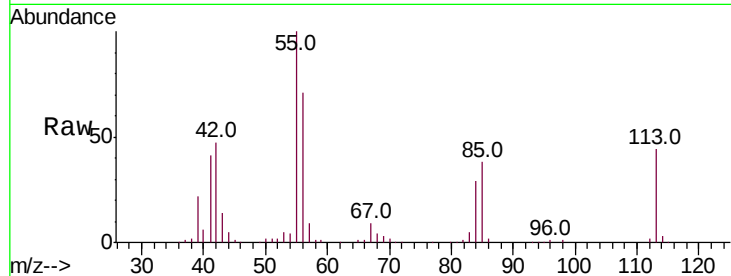




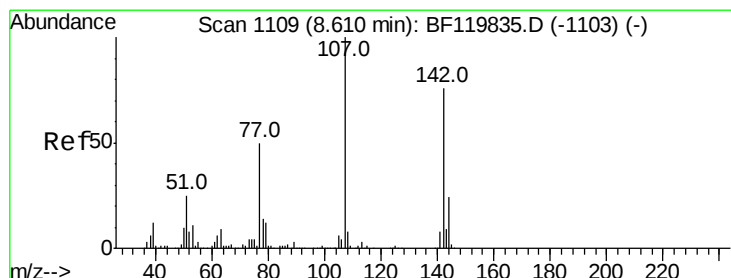
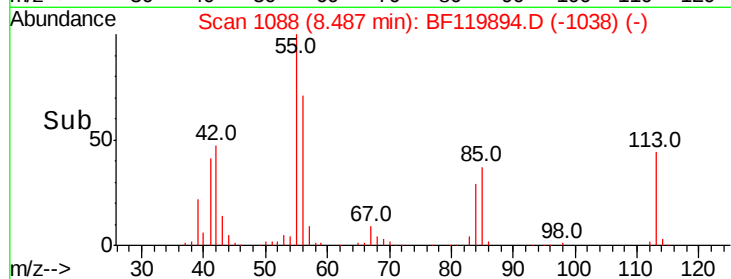
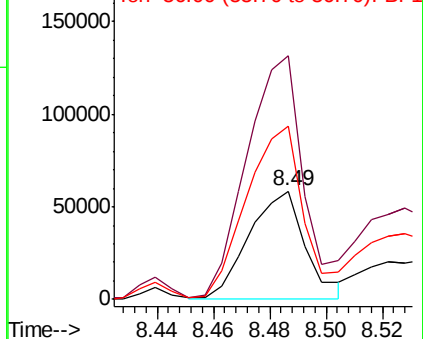
#35
 Caprolactam
 Concen: 23.043 ng
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_N
 ClientSampleId :
 PB128092BS

Tot Ion:113 Resp: 81460
 Ion Ratio Lower Upper
 113 100
 55 224.7 192.7 232.7
 56 159.4 133.3 173.3

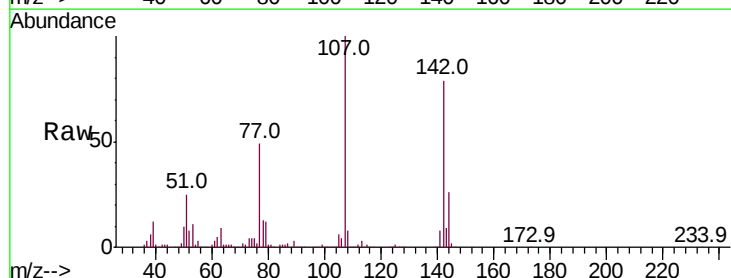


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

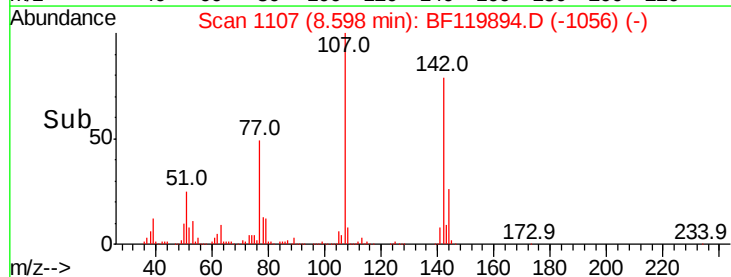
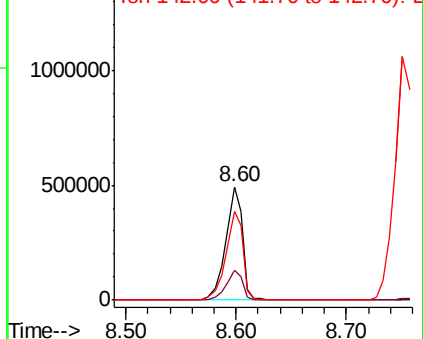


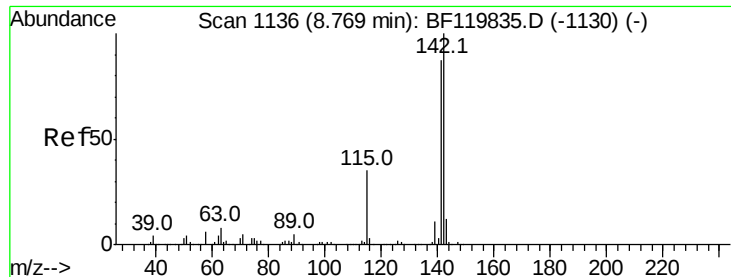
#36
 4-Chloro-3-methylphenol
 Concen: 41.873 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion:107 Resp: 523919
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.5 29.3
 142 78.8 60.5 90.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.696 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.01 min

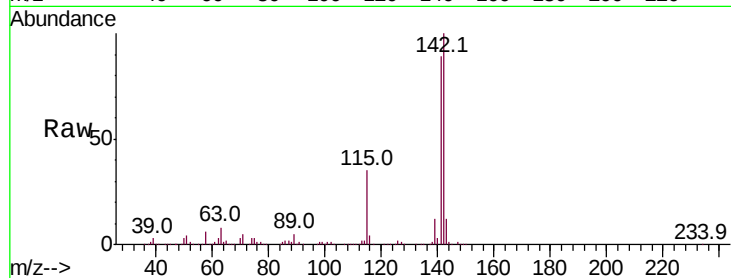
Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :
BNA_N
ClientSampleId :
PB128092BS

Tot Ion:142 Resp: 1089591

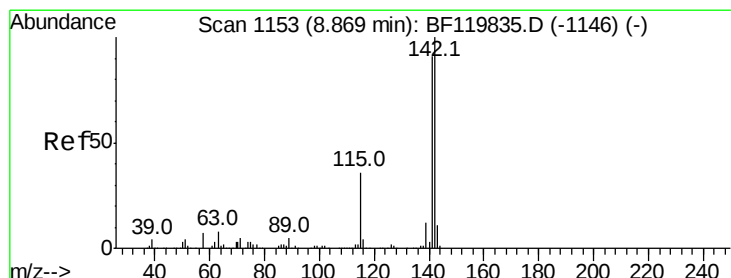
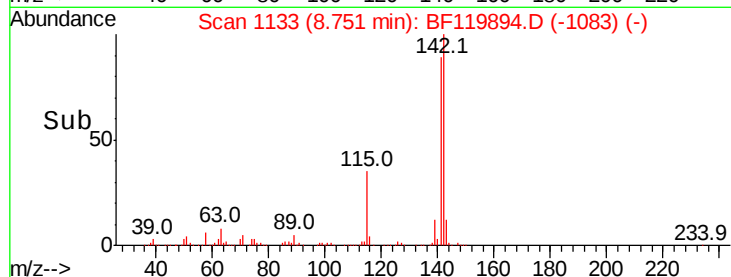
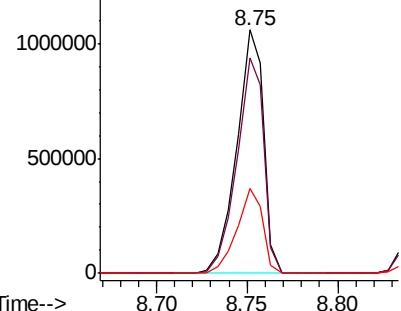
Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.9	104.9
115	34.8	28.0	42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.751 ng

RT: 8.85 min Scan# 1150

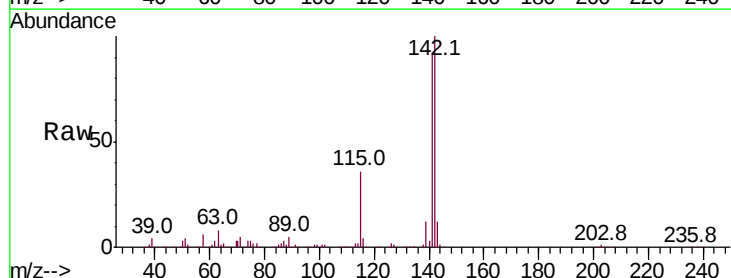
Delta R.T. -0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Tgt Ion:142 Resp: 1028399

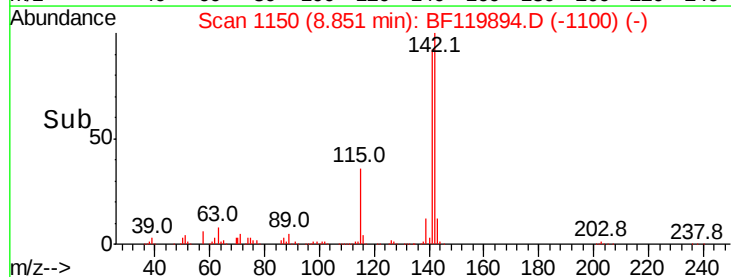
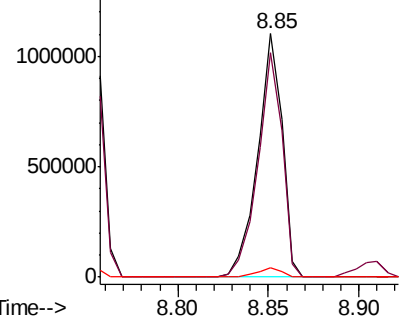
Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.9	109.3
116	3.9	3.0	4.6

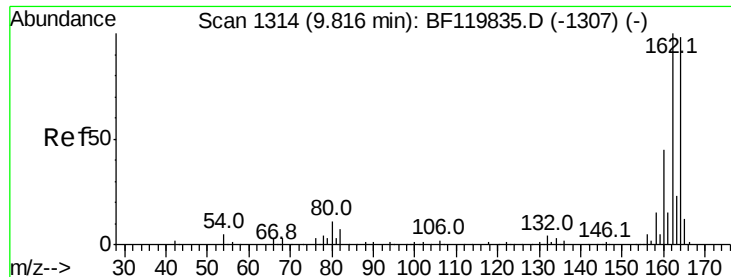


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

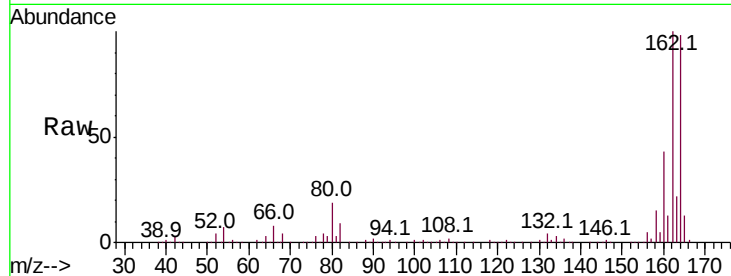




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_N
 ClientSampleId :
 PB128092BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.9	122.9
160	44.2	36.6	54.8

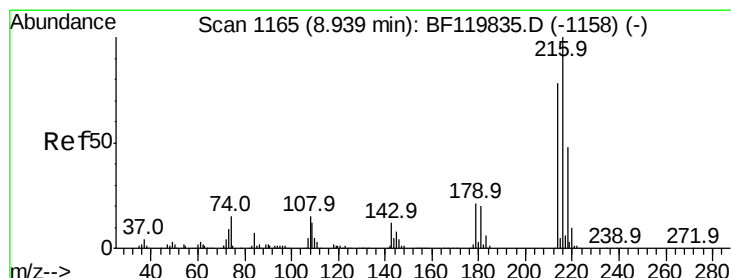
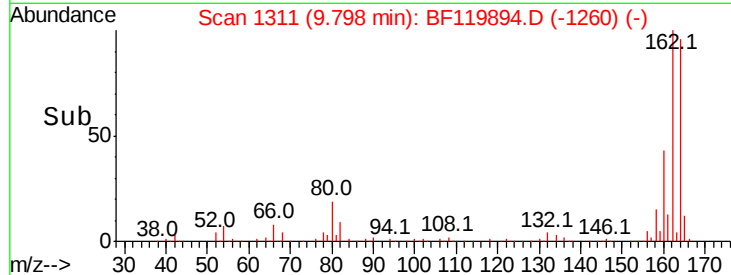
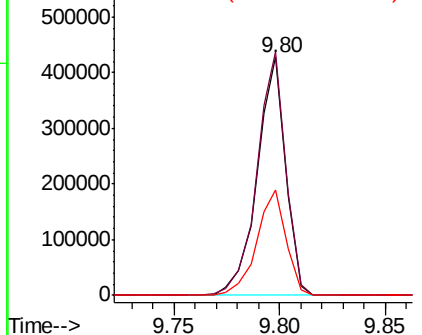


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.645 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.1	94.7
179	21.1	17.0	25.4
108	20.3	14.8	22.2

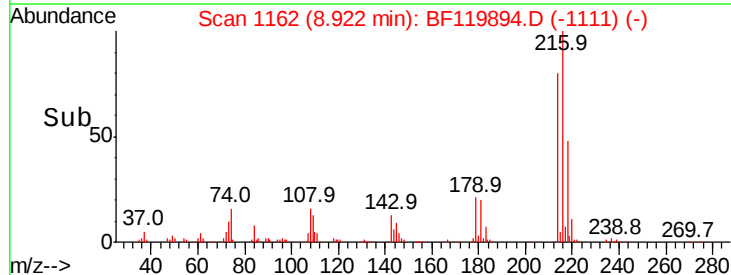
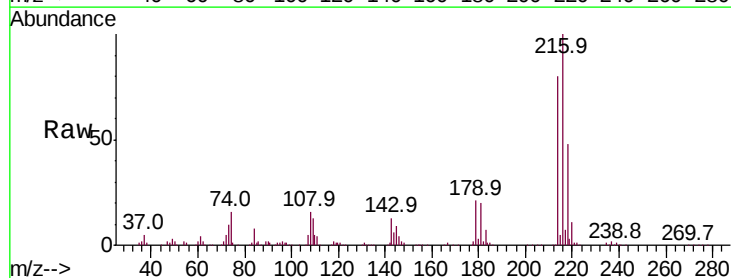
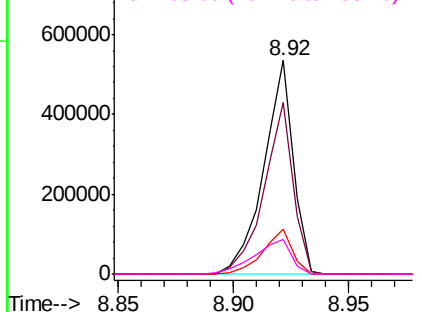
Abundance

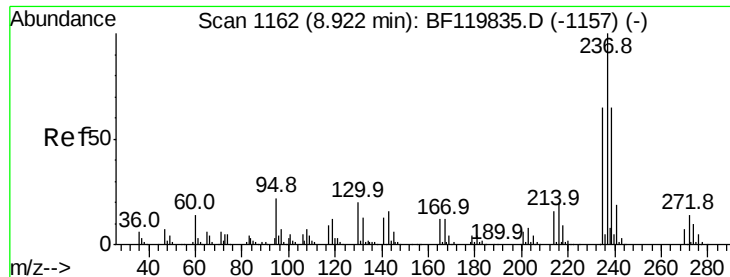
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.442 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

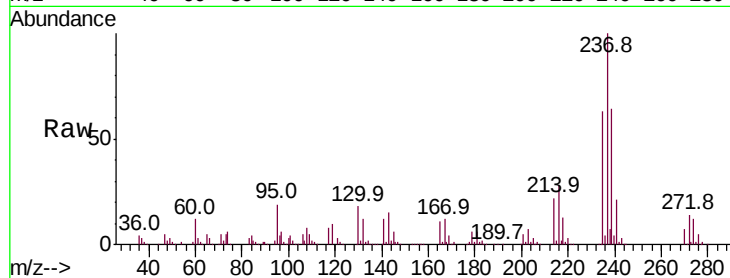
Tot Ion:237 Resp: 586653

Ion Ratio Lower Upper

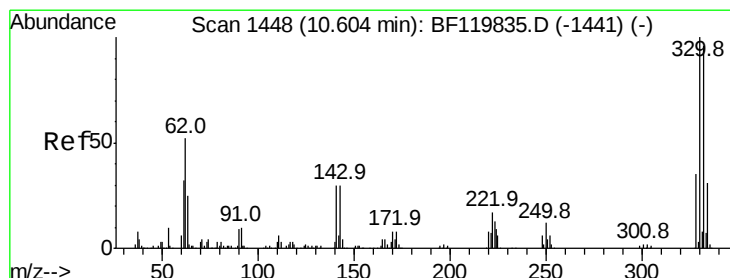
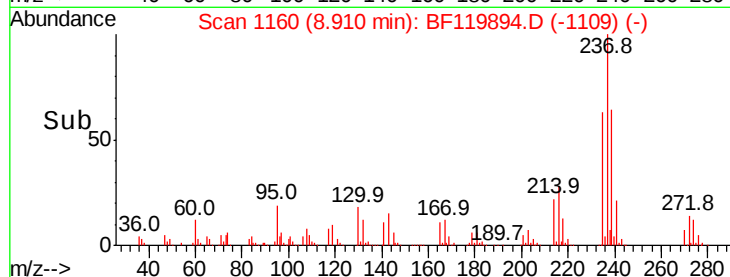
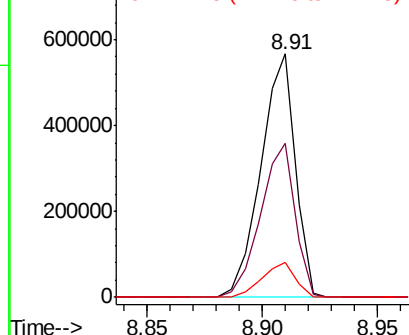
237 100

235 63.4 44.9 84.9

272 14.2 0.0 33.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 112.109 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

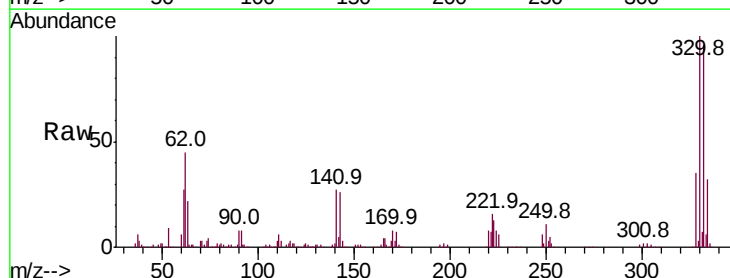
Tgt Ion:330 Resp: 550515

Ion Ratio Lower Upper

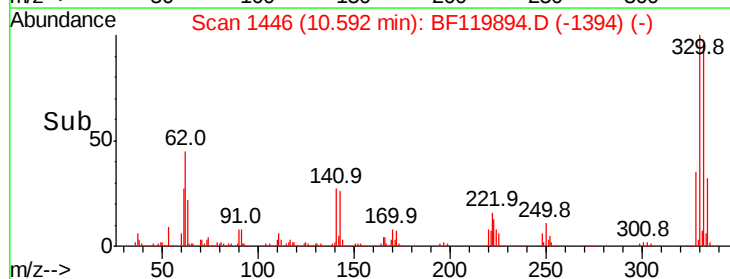
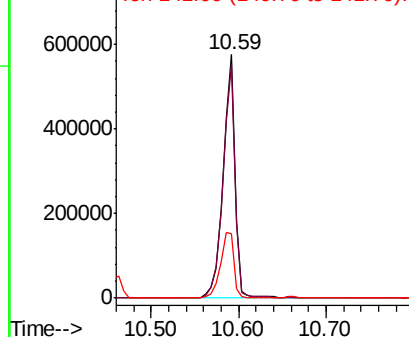
330 100

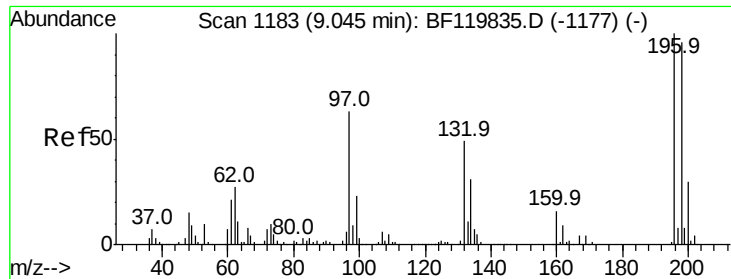
332 97.2 76.8 115.2

141 30.7 25.1 37.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

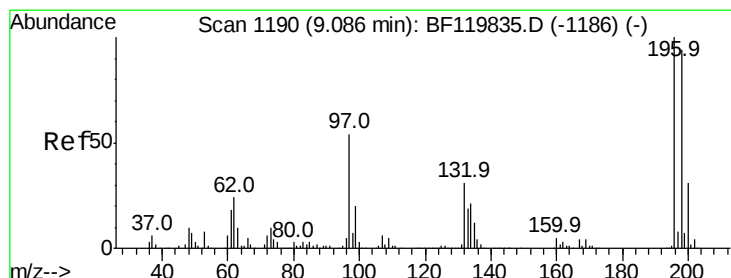
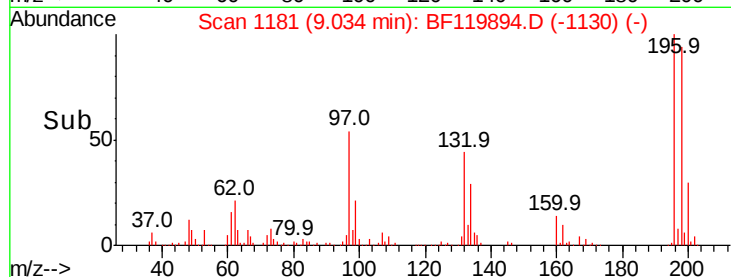
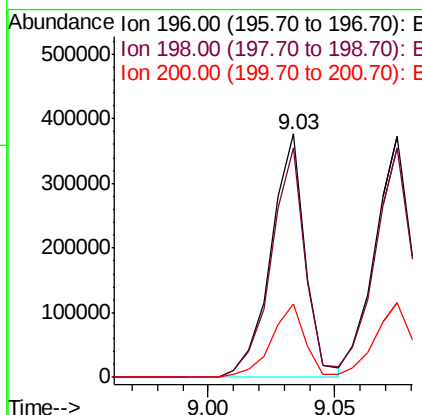
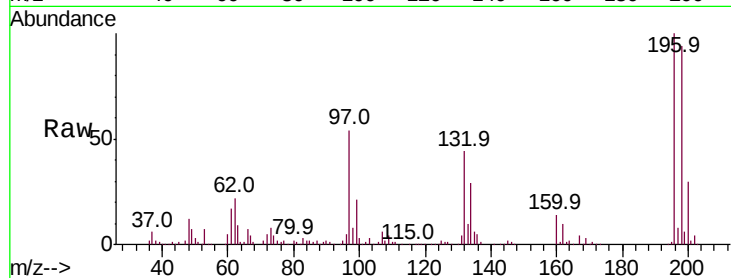




#43
 2,4,6-Trichlorophenol
 Concen: 40.607 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

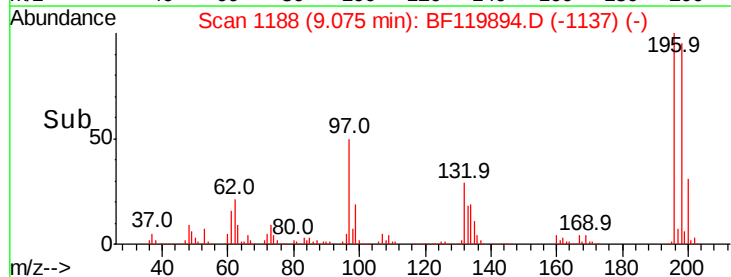
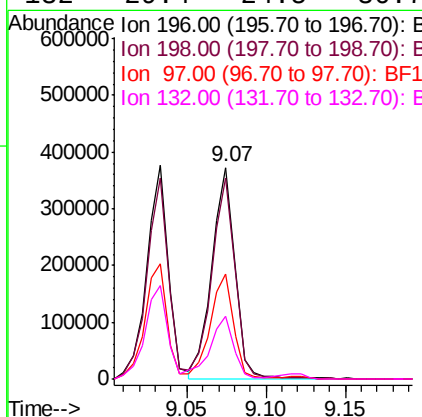
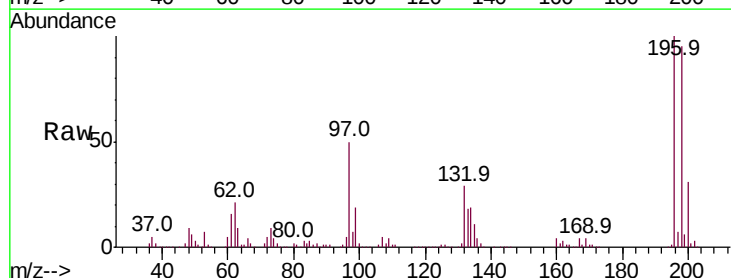
Instrument :
 BNA_N
 ClientSampleID :
 PB128092BS

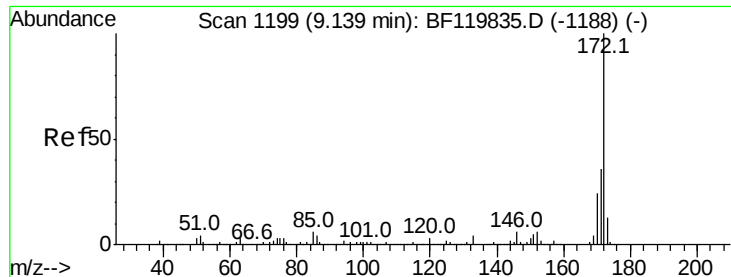
Tot Ion:196 Resp: 355212
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.6 115.0
 200 30.2 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 38.405 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion:196 Resp: 378384
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.1 112.7
 97 49.7 43.4 65.2
 132 29.4 24.5 36.7



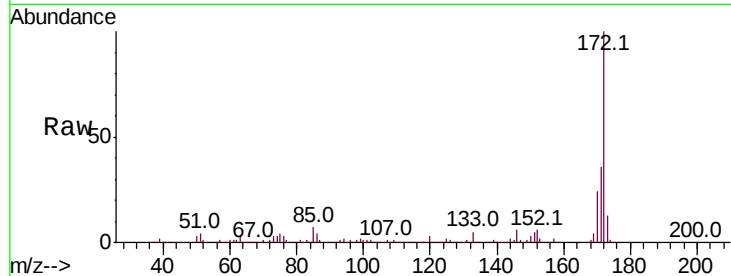


#45
 2-Fluorobiphenyl
 Concen: 76.292 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

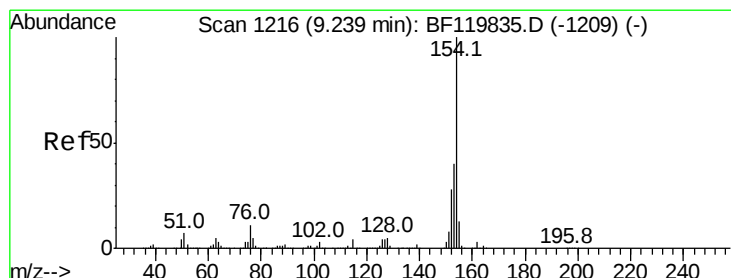
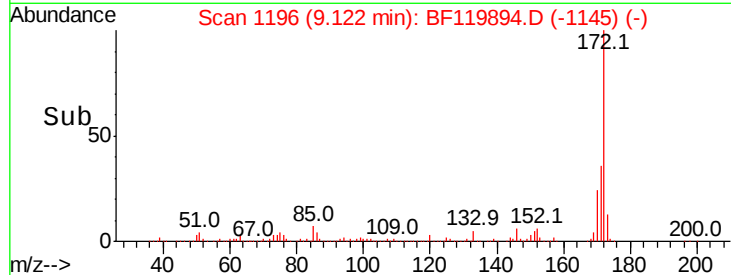
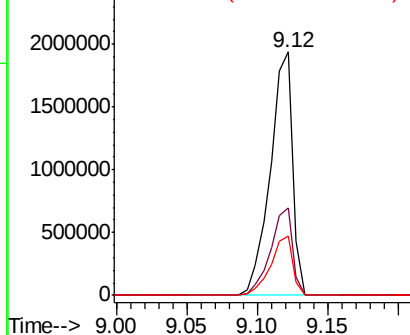
Instrument :
 BNA_N
 ClientSampleId :
 PB128092BS

Tot Ion:172 Resp: 2155171

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.4	19.4	29.2



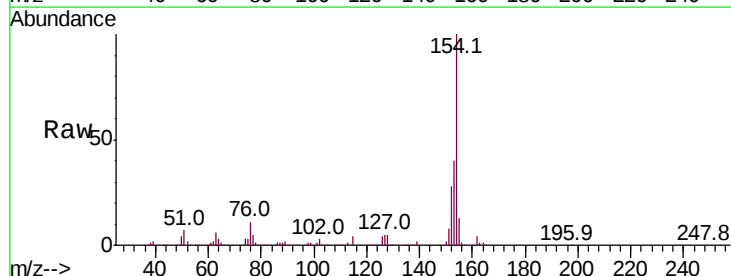
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



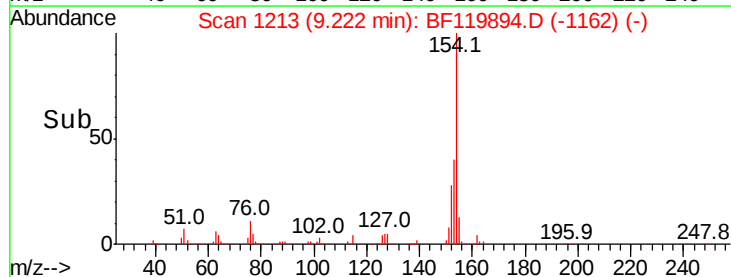
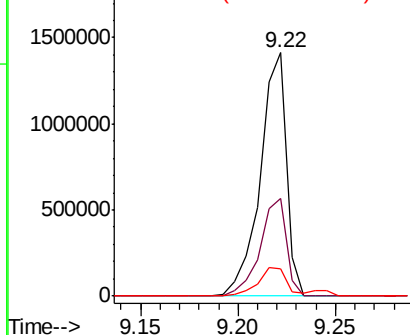
#46
 1,1'-Biphenyl
 Concen: 38.959 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

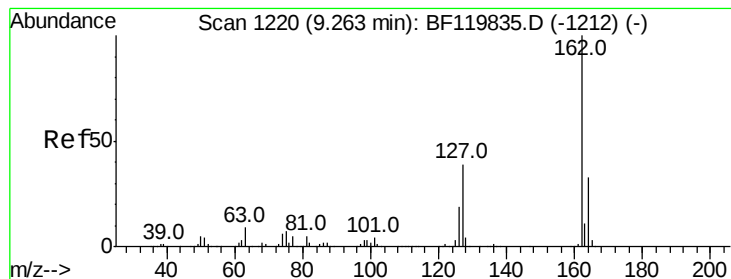
Tgt Ion:154 Resp: 1318878

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	11.3	0.0	30.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 39.311 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

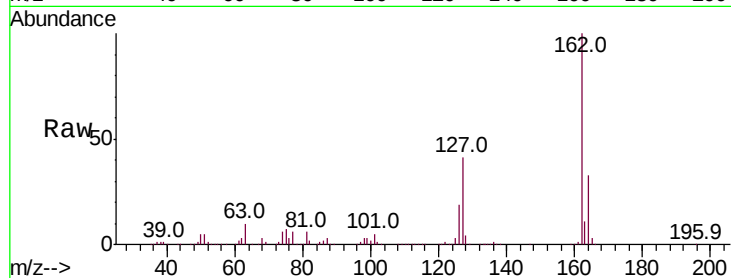
Tot Ion:162 Resp: 1025175

Ion Ratio Lower Upper

162 100

127 40.5 31.2 46.8

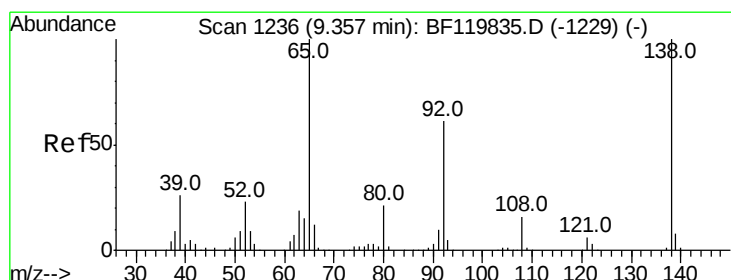
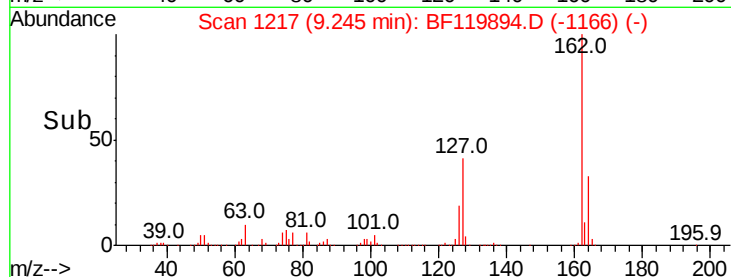
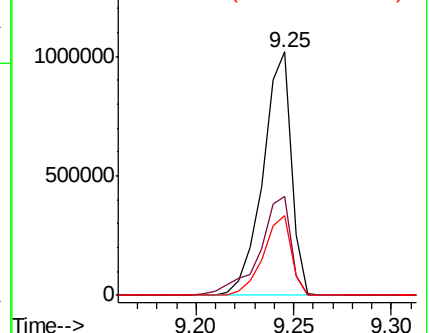
164 32.9 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.032 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

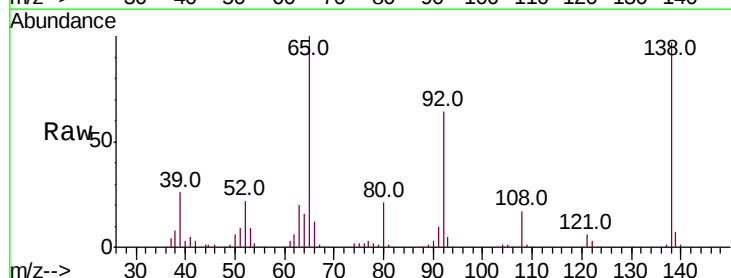
Tgt Ion: 65 Resp: 378319

Ion Ratio Lower Upper

65 100

92 63.6 49.0 73.6

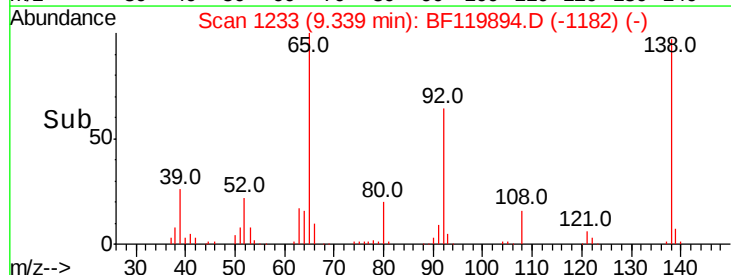
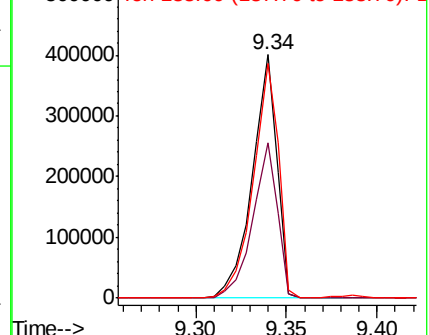
138 96.6 79.7 119.5

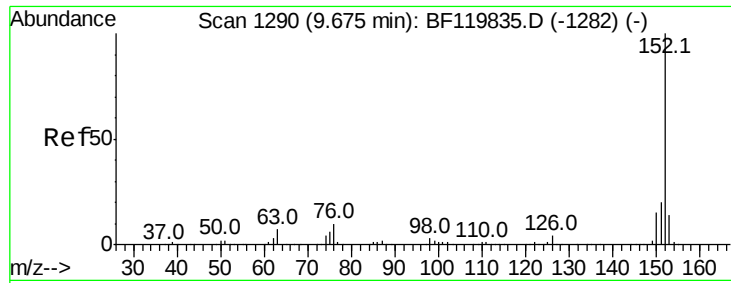


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.390 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

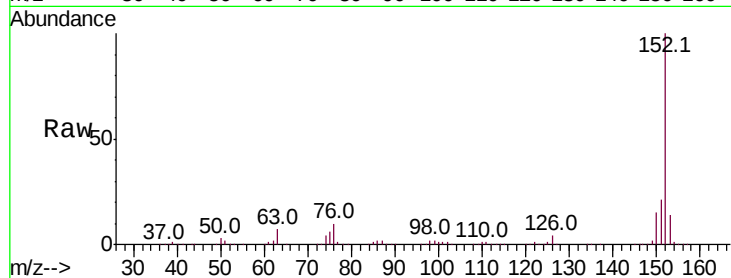
Tot Ion:152 Resp: 1641554

Ion Ratio Lower Upper

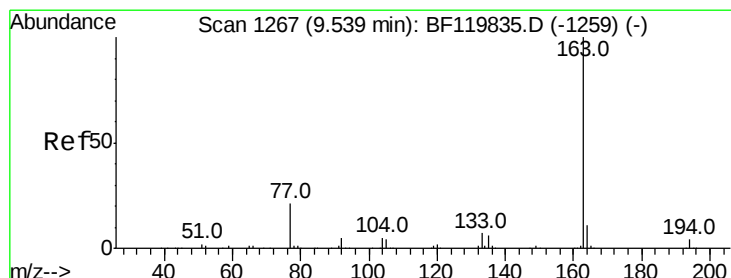
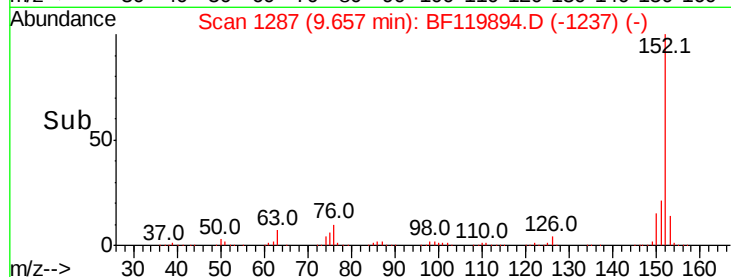
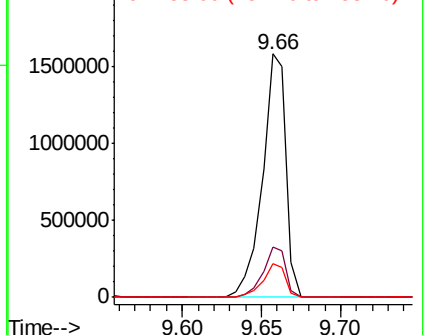
152 100

151 20.5 16.2 24.4

153 13.8 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.616 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

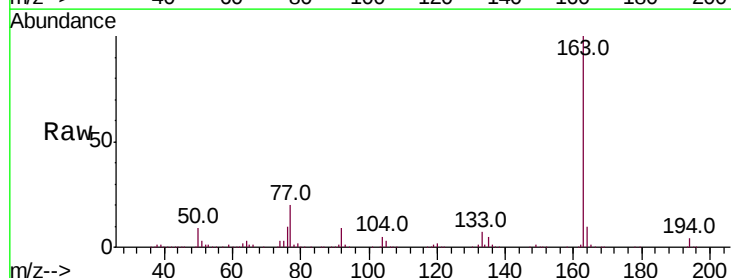
Tgt Ion:163 Resp: 1228997

Ion Ratio Lower Upper

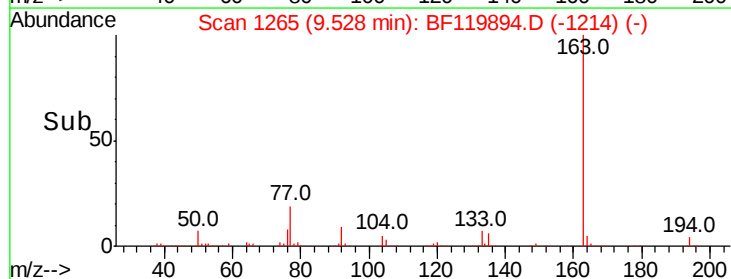
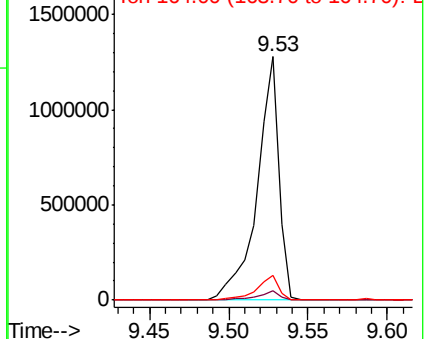
163 100

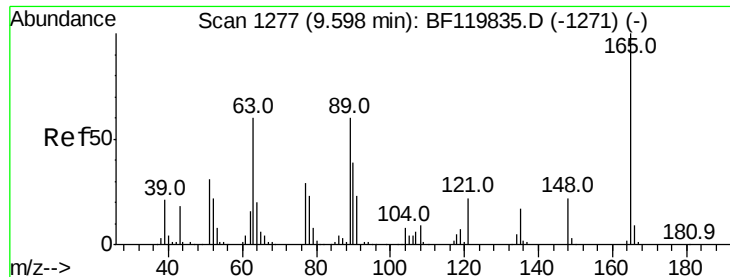
194 3.8 3.0 4.4

164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

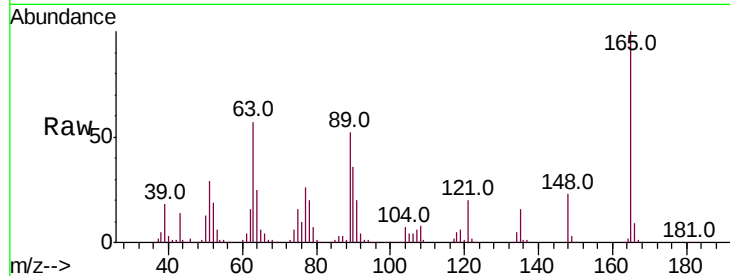




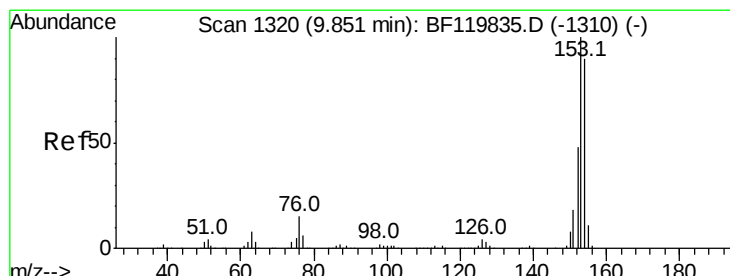
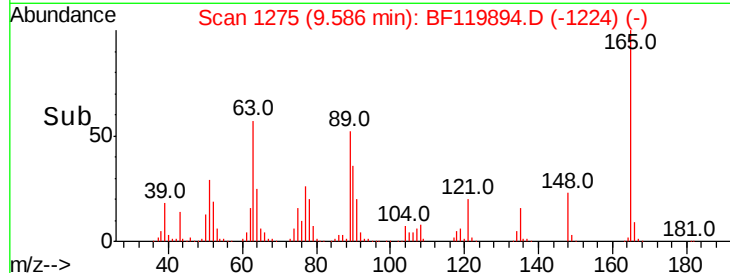
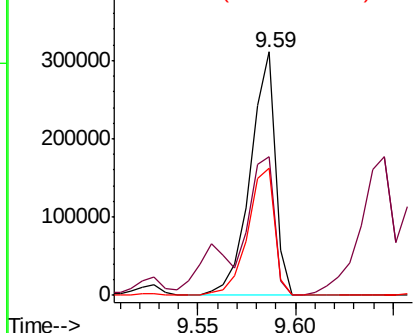
#51
2,6-Dinitrotoluene
Concen: 40.787 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_N
ClientSampleId :
PB128092BS

Tot Ion:165 Resp: 277081
Ion Ratio Lower Upper
165 100
63 57.1 55.6 83.4
89 52.1 47.9 71.9

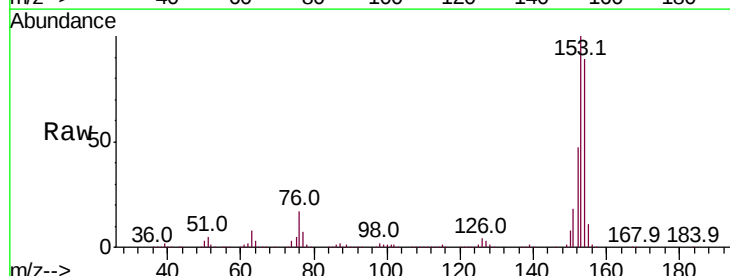


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

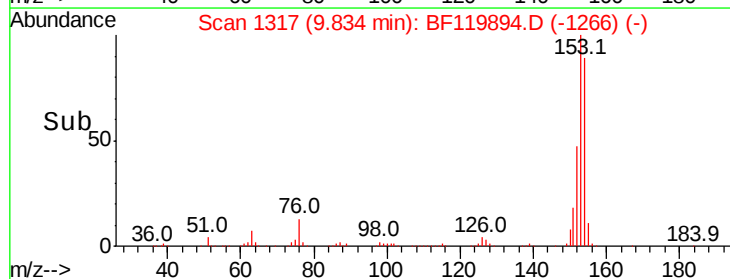
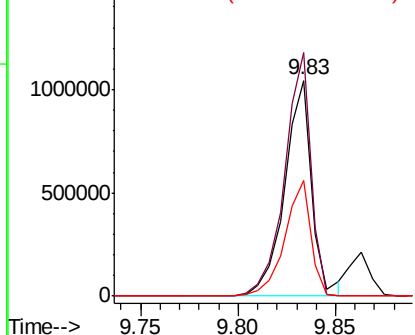


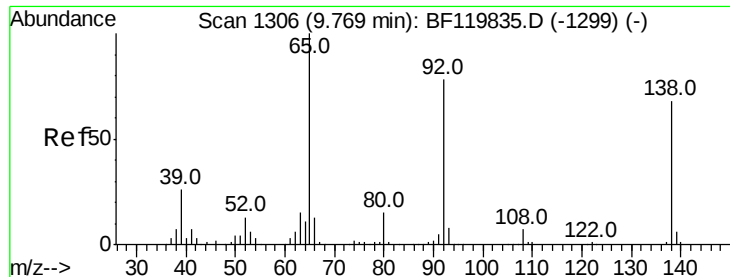
#52
Acenaphthene
Concen: 38.093 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion:154 Resp: 1007799
Ion Ratio Lower Upper
154 100
153 112.9 88.8 133.2
152 53.6 42.4 63.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

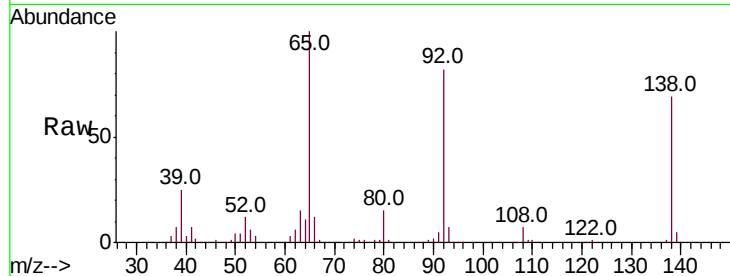




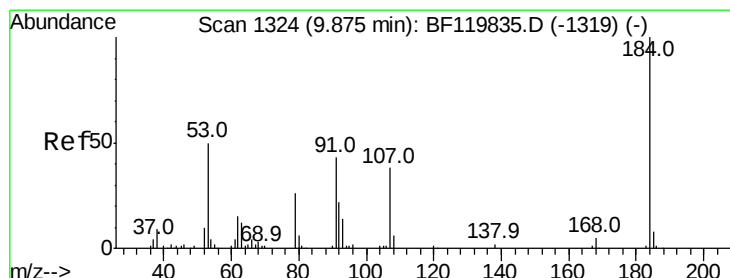
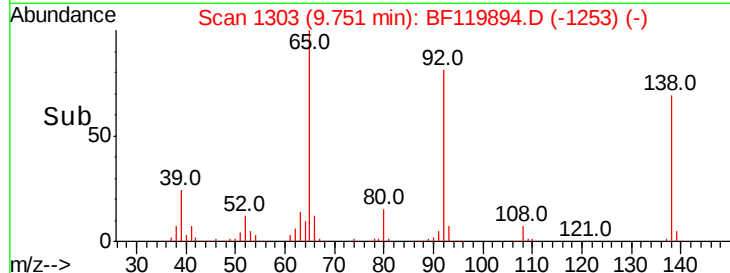
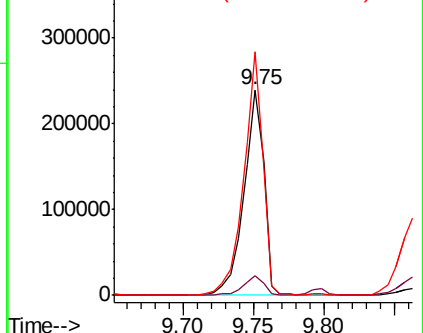
#53
3-Nitroaniline
Concen: 30.365 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_N
ClientSampleId :
PB128092BS

Tot Ion:138 Resp: 235591
Ion Ratio Lower Upper
138 100
108 9.5 8.0 12.0
92 118.5 92.1 138.1

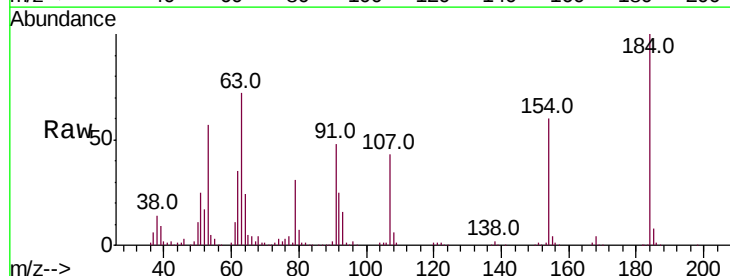


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

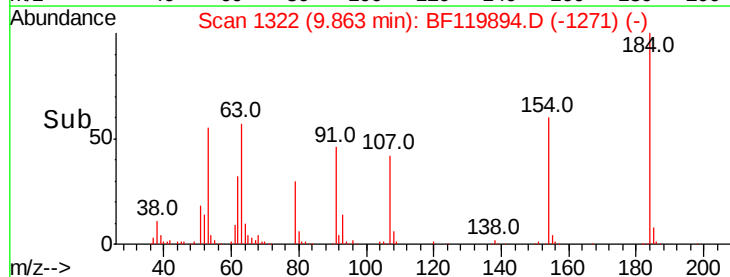
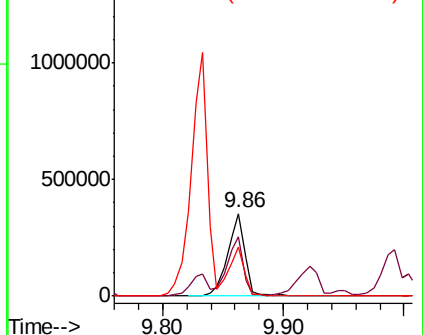


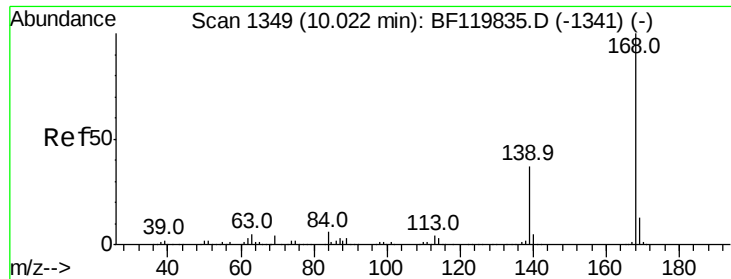
#54
2,4-Dinitrophenol
Concen: 87.212 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion:184 Resp: 354713
Ion Ratio Lower Upper
184 100
63 72.1 49.8 74.6
154 59.5 46.5 69.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

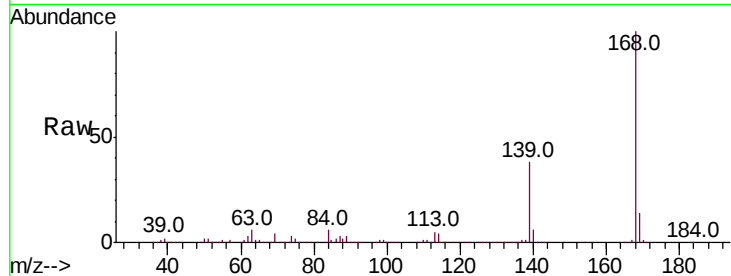




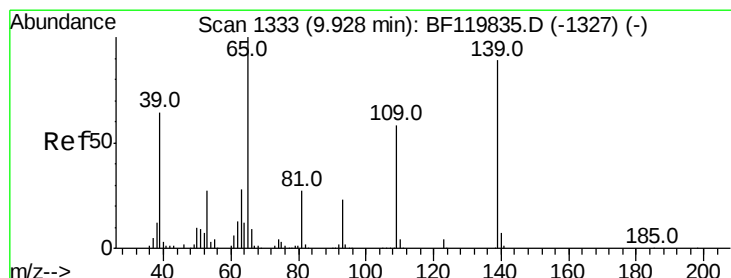
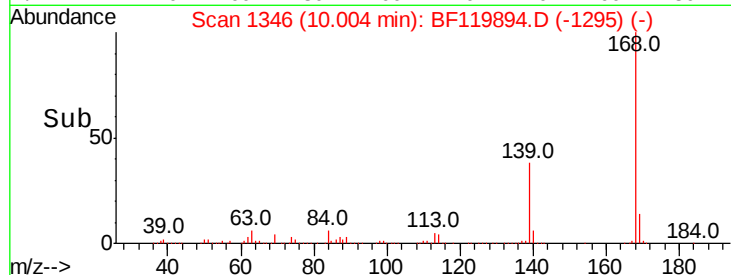
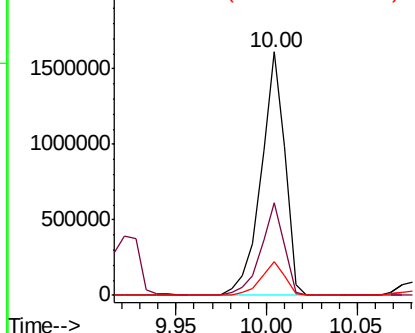
#55
Dibenzofuran
Concen: 40.450 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_N
ClientSampleId :
PB128092BS

Tot Ion:168 Resp: 1468512
Ion Ratio Lower Upper
168 100
139 38.1 29.8 44.6
169 13.7 10.6 15.8

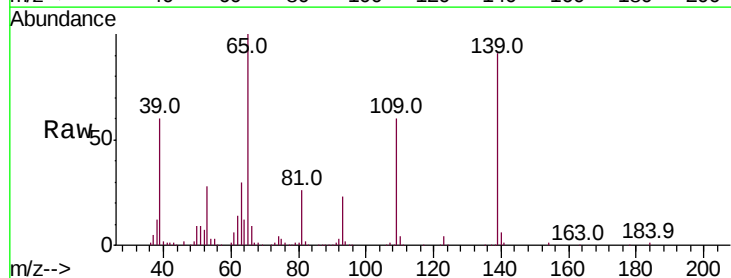


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

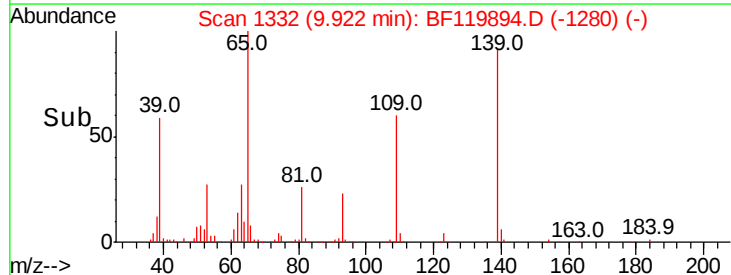
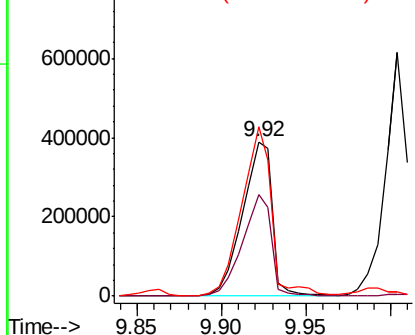


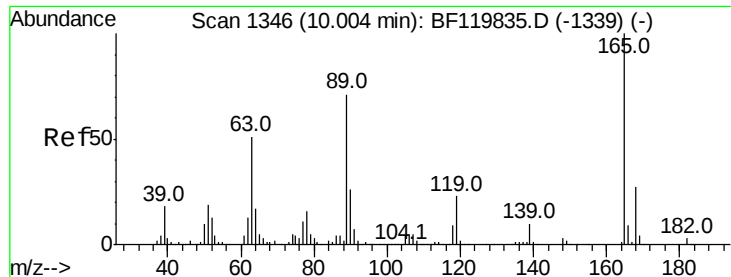
#56
4-Nitrophenol
Concen: 83.166 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion:139 Resp: 480110
Ion Ratio Lower Upper
139 100
109 66.2 45.5 85.5
65 110.3 92.3 132.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

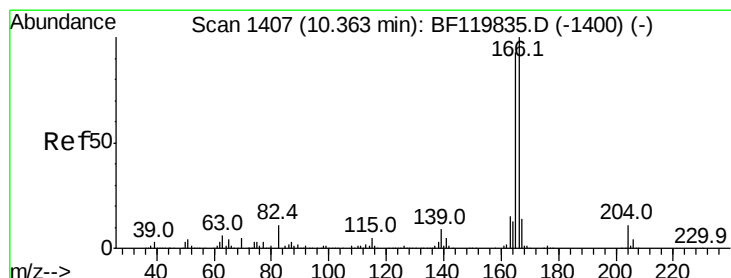
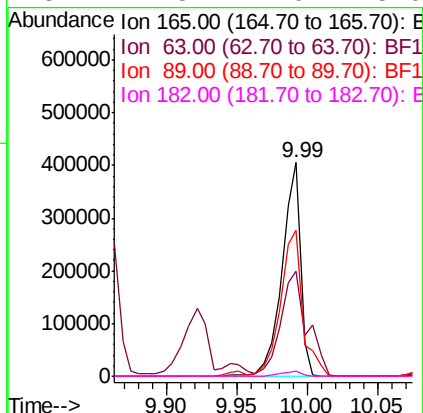
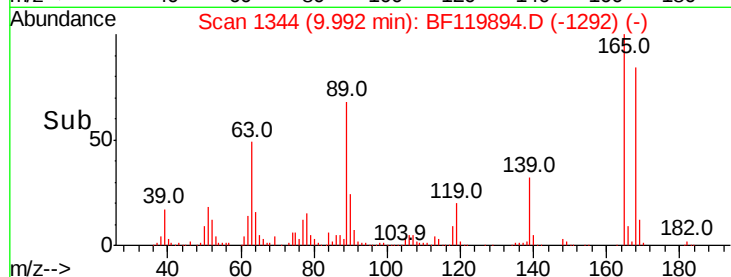
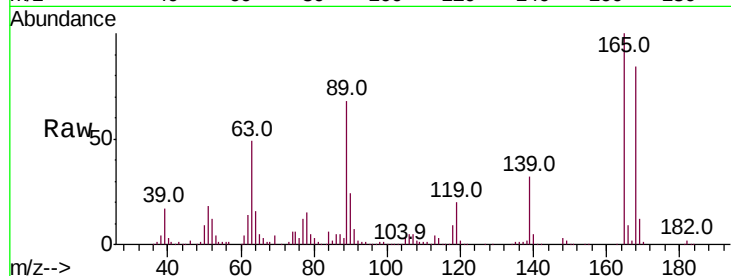




#57
2,4-Dinitrotoluene
Concen: 41.170 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

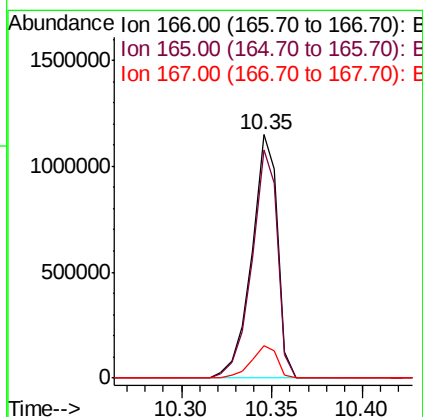
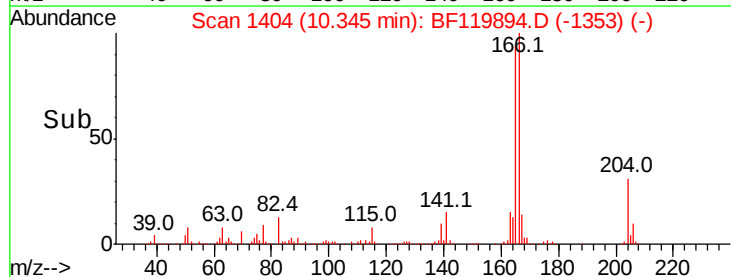
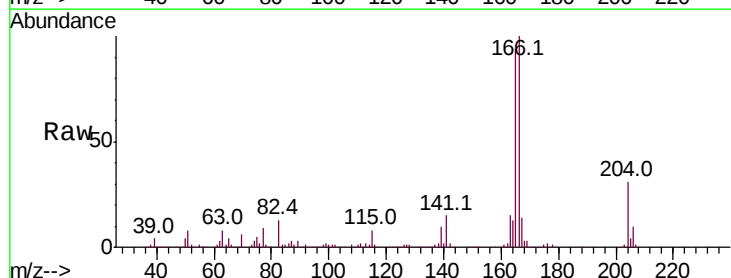
Instrument :
BNA_N
ClientSampleId :
PB128092BS

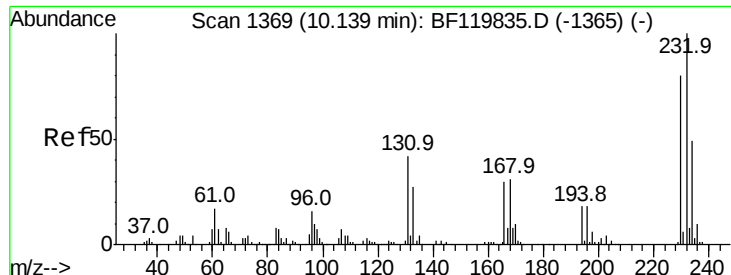
Tot Ion:	165	Resp:	368487
Ion	Ratio	Lower	Upper
165	100		
63	49.4	40.8	61.2
89	68.5	56.9	85.3
182	2.3	2.0	3.0



#58
Fluorene
Concen: 39.107 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion:	166	Resp:	1135452
Ion	Ratio	Lower	Upper
166	100		
165	93.8	74.2	111.2
167	13.5	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.070 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

Tot Ion:232 Resp: 324540

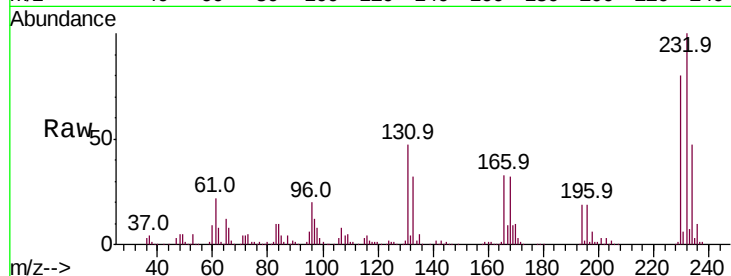
Ion Ratio Lower Upper

232 100

131 45.4 37.9 56.9

130 2.1 1.8 2.6

166 31.2 25.4 38.0

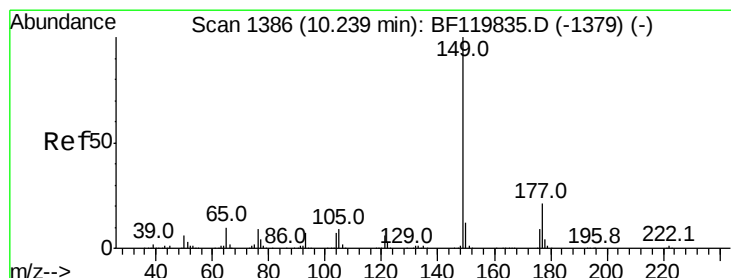
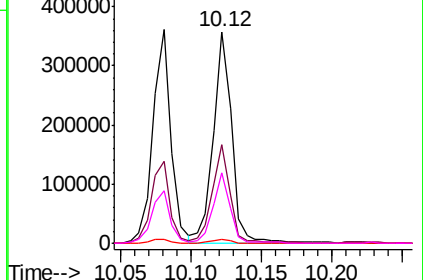
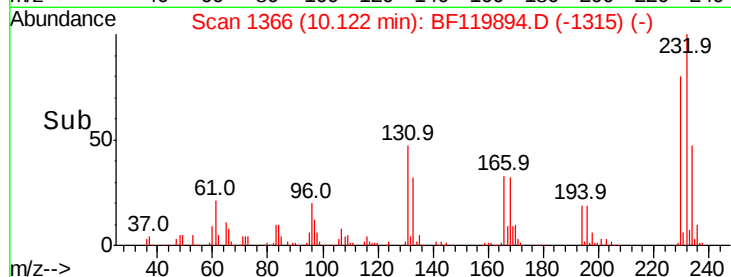


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.022 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

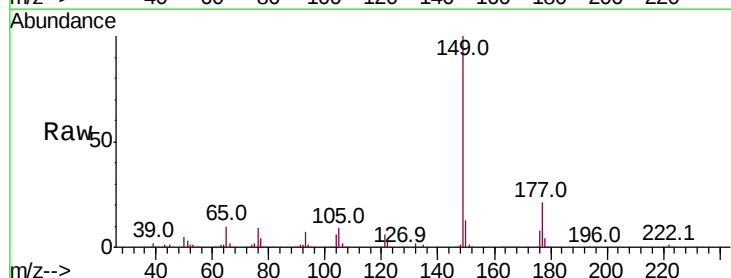
Tgt Ion:149 Resp: 1254675

Ion Ratio Lower Upper

149 100

177 21.1 16.8 25.2

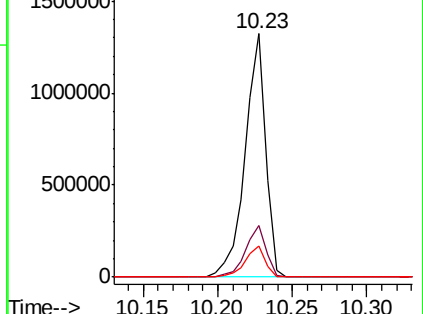
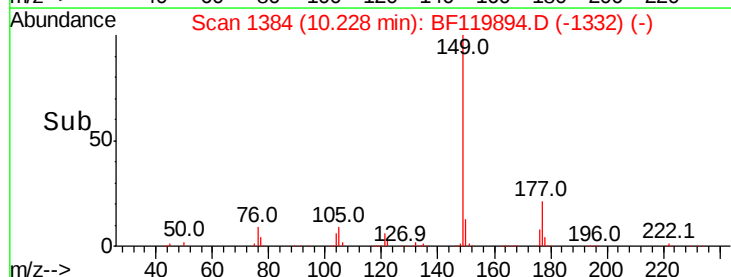
150 12.5 9.8 14.6

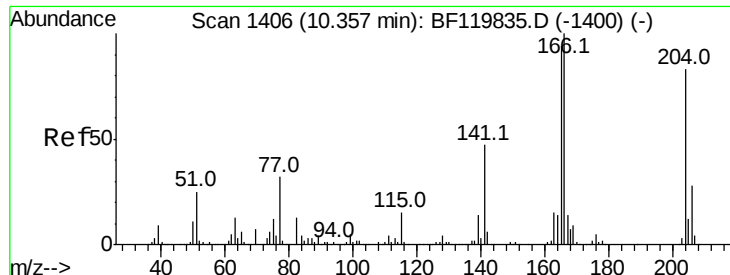


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

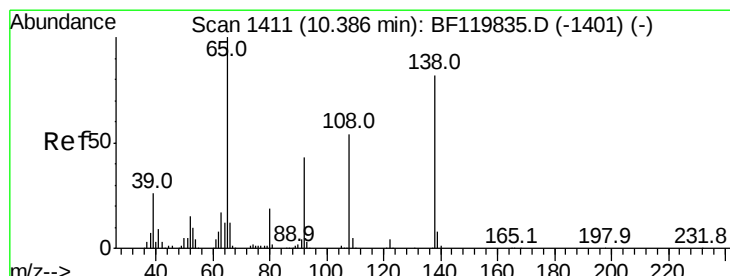
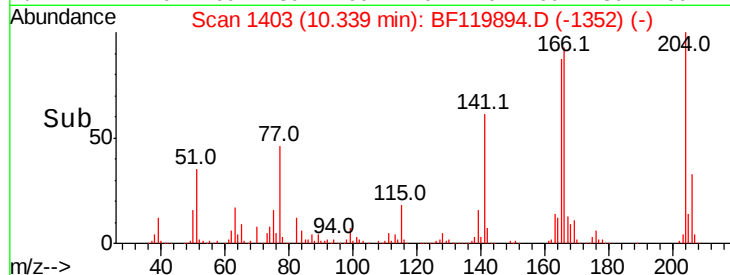
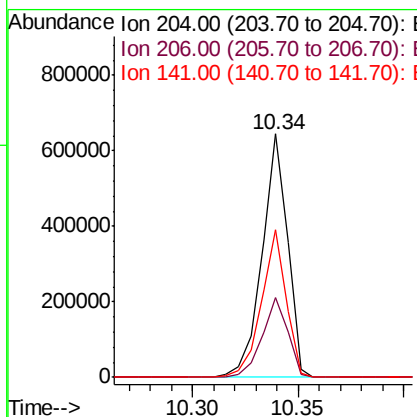
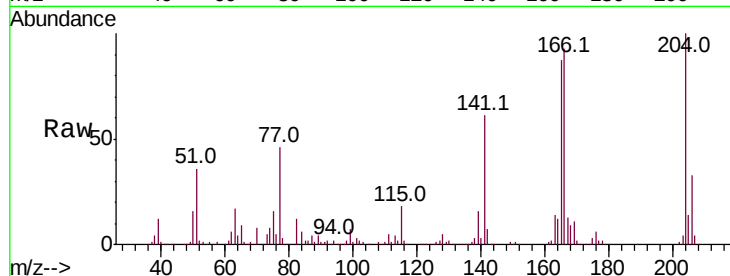




#61
 4-Chlorophenyl-phenylether
 Concen: 36.402 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

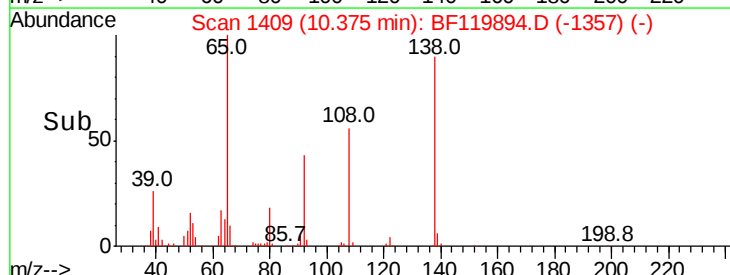
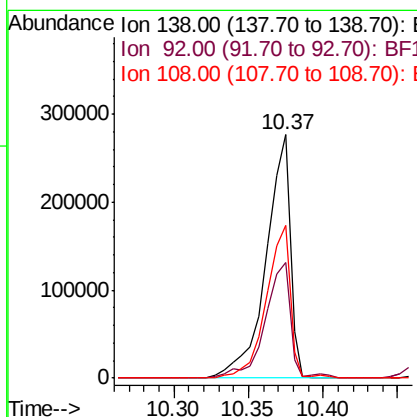
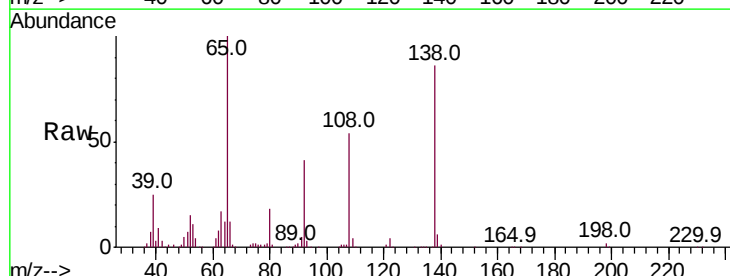
Instrument :
 BNA_N
 ClientSampleId :
 PB128092BS

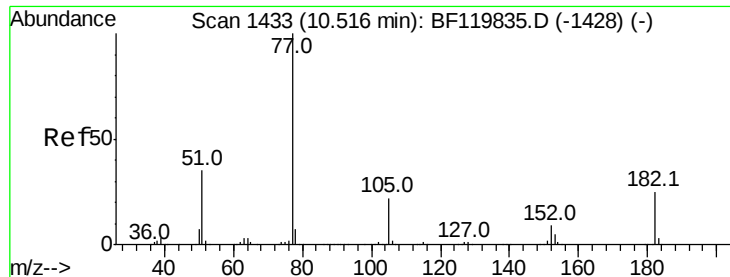
Tot Ion:	204	Resp:	541706
Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.7	40.1
141	60.6	45.8	68.8



#62
 4-Nitroaniline
 Concen: 42.053 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion:	138	Resp:	310949
Ion	Ratio	Lower	Upper
138	100		
92	47.6	31.6	71.6
108	63.0	45.2	85.2

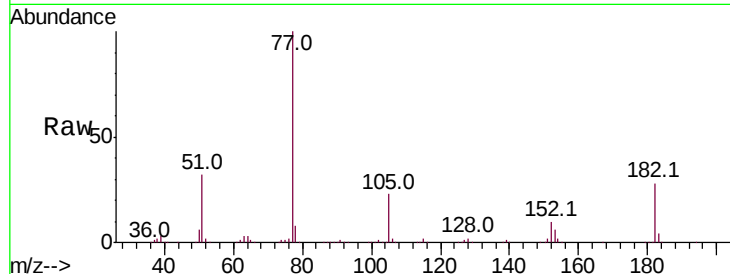




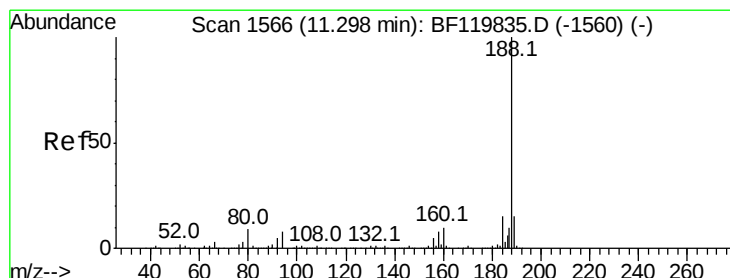
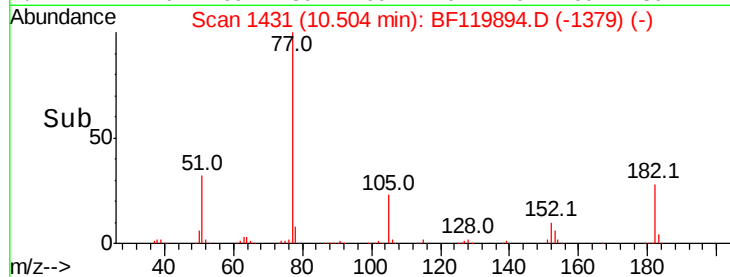
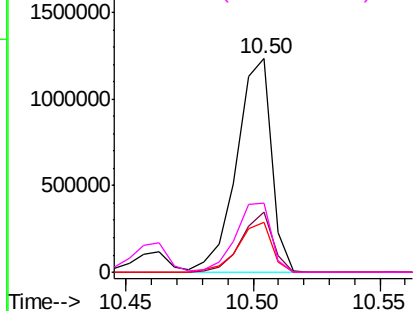
#63
Azobenzene
Concen: 40.729 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_N
ClientSampleId :
PB128092BS

Tot Ion: 77 Resp: 1173608
Ion Ratio Lower Upper
77 100
182 28.0 4.5 44.5
105 23.4 2.2 42.2
51 32.5 15.1 55.1

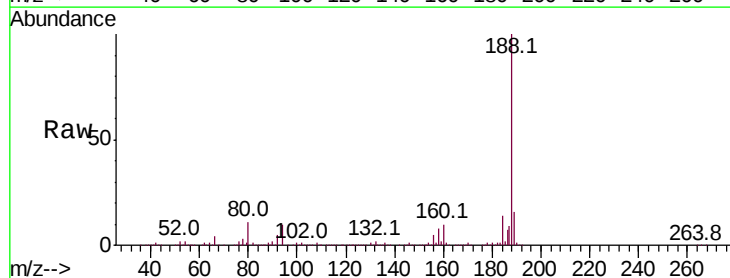


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

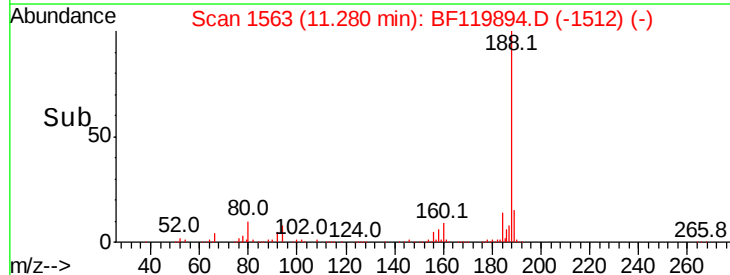
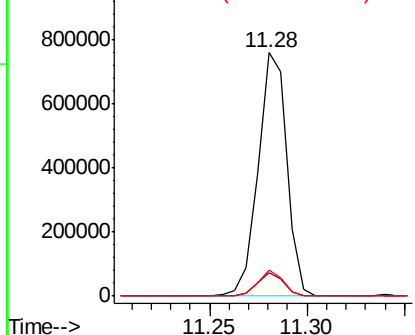


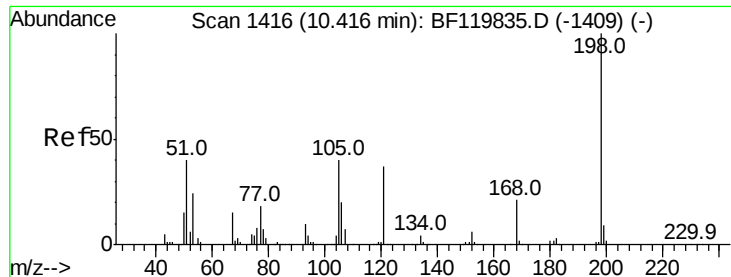
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion: 188 Resp: 772451
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.7 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 44.015 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

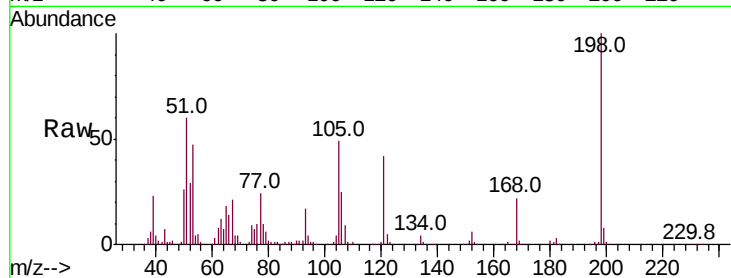
BNA_N

ClientSampleId :

PB128092BS

Tot Ion:198 Resp: 223989

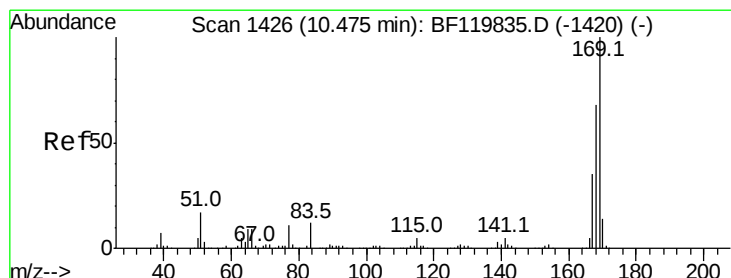
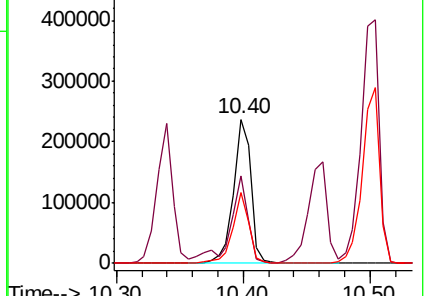
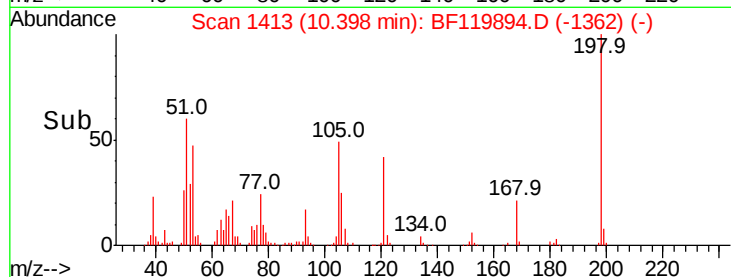
Ion	Ratio	Lower	Upper
198	100		
51	60.5	25.2	65.2
105	49.0	20.8	60.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.113 ng

RT: 10.46 min Scan# 1424

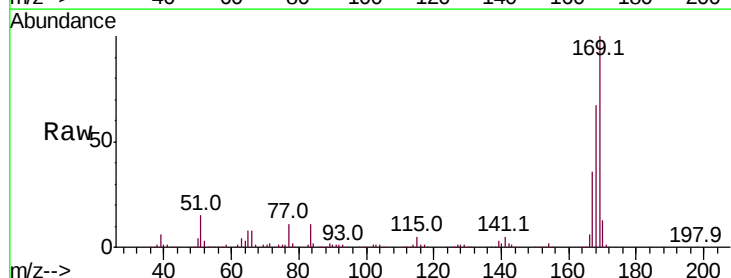
Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Tgt Ion:169 Resp: 1056172

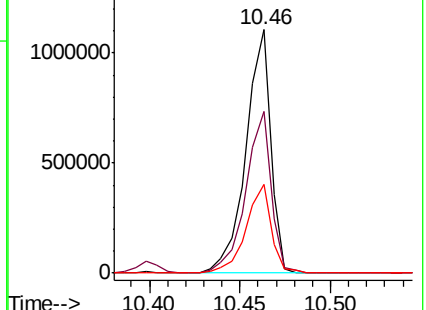
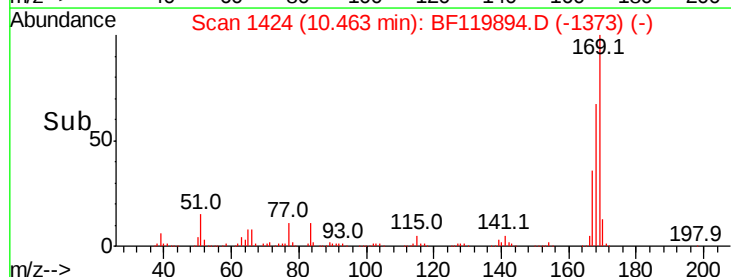
Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.2	81.4
167	36.3	28.3	42.5

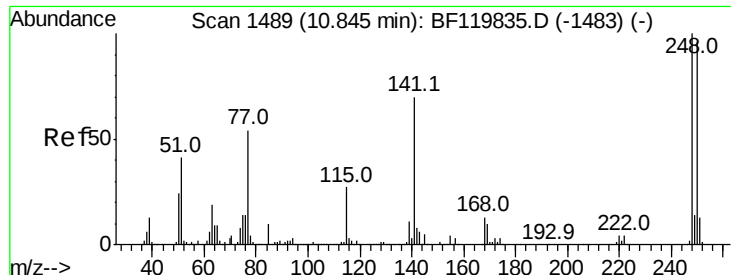


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

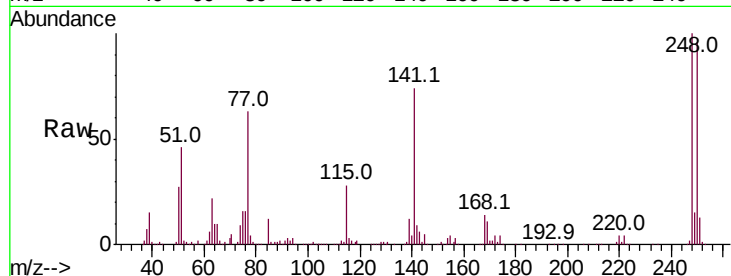




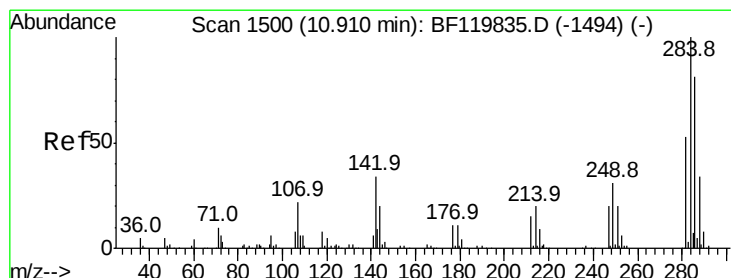
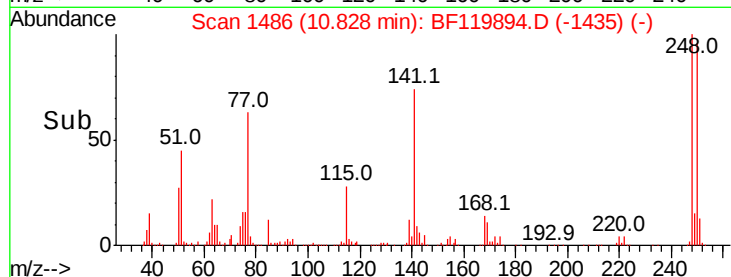
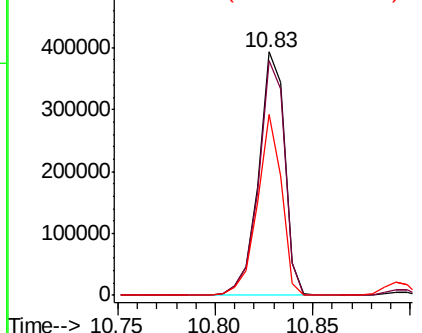
#67
 4-Bromophenyl-phenylether
 Concen: 37.865 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Instrument :
 BNA_N
 ClientSampleId :
 PB128092BS

Tot Ion:248 Resp: 363738
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.6 114.8
 141 74.1 55.9 83.9

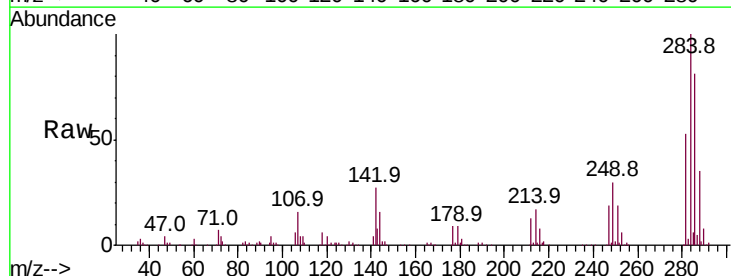


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

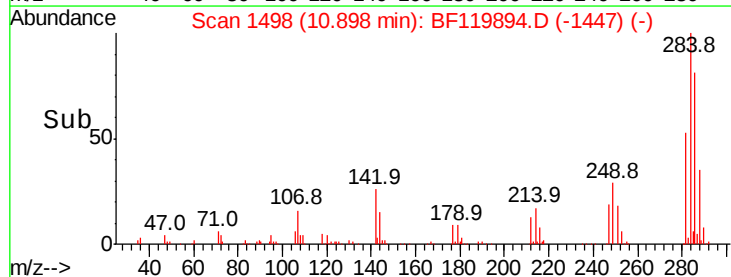
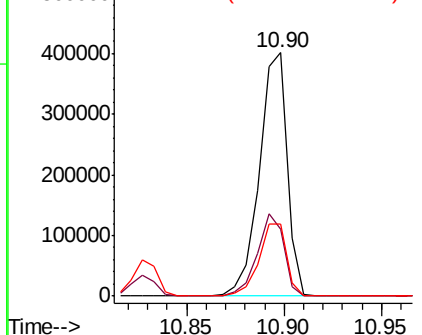


#68
 Hexachlorobenzene
 Concen: 40.707 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion:284 Resp: 396694
 Ion Ratio Lower Upper
 284 100
 142 27.3 26.9 40.3
 249 29.5 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

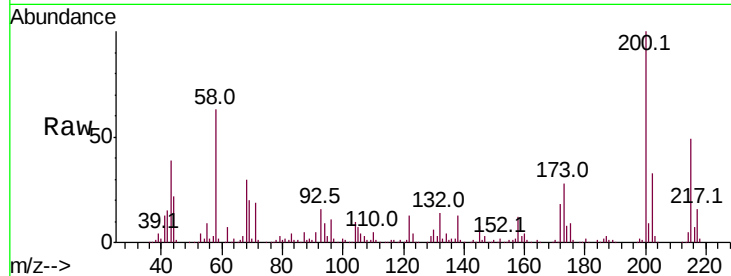




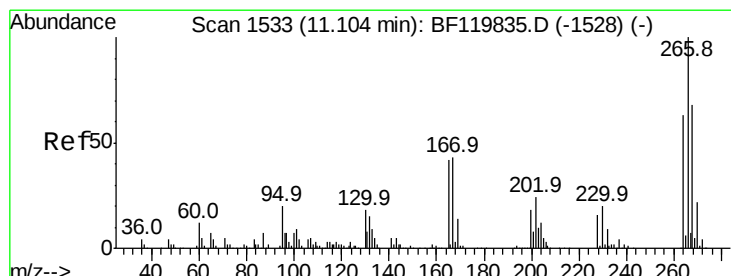
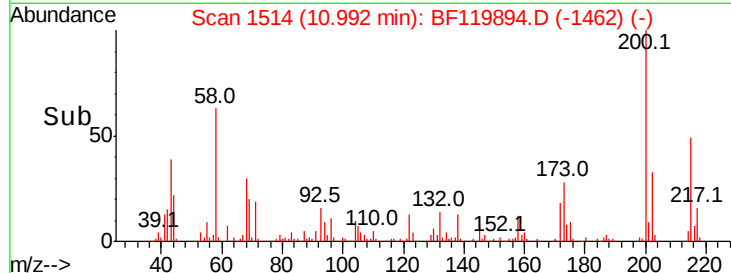
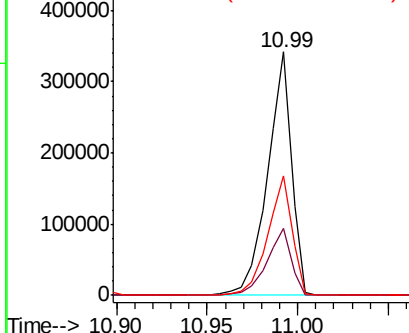
#69
Atrazine
Concen: 43.806 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Instrument :
BNA_N
ClientSampleId :
PB128092BS

Tot Ion:200 Resp: 313112
Ion Ratio Lower Upper
200 100
173 27.7 8.0 48.0
215 48.8 27.1 67.1

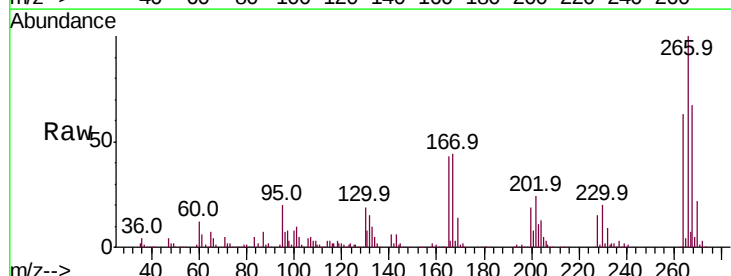


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

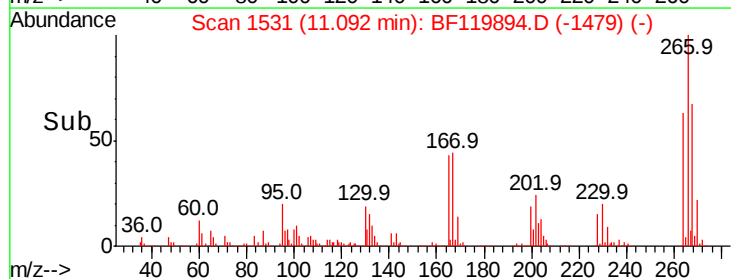
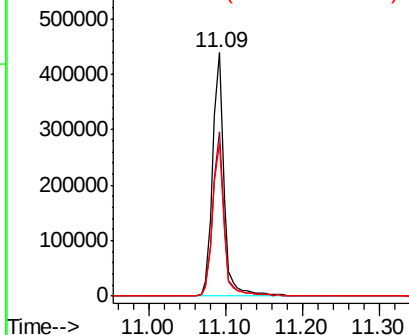


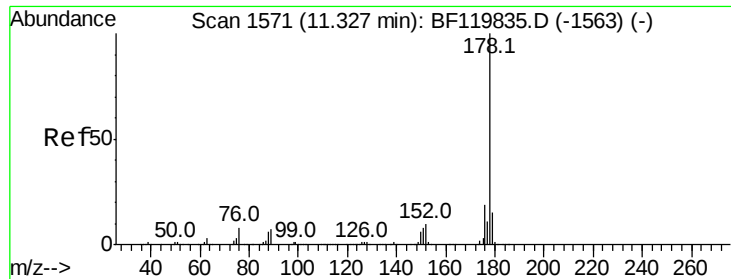
#70
Pentachlorophenol
Concen: 79.310 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion:266 Resp: 445397
Ion Ratio Lower Upper
266 100
268 67.3 54.2 81.4
264 62.7 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.321 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

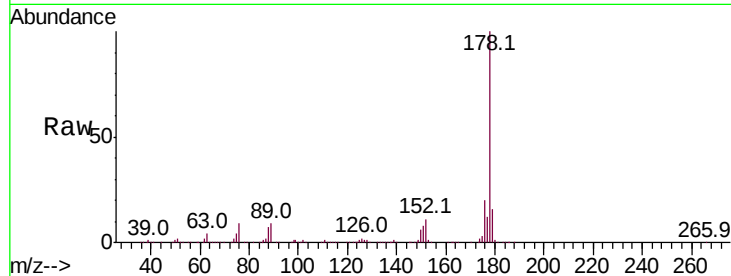
BNA_N

ClientSampleId :

PB128092BS

Tot Ion:178 Resp: 1657641

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	16.0	12.2	18.4



Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

2500000

2000000

1500000

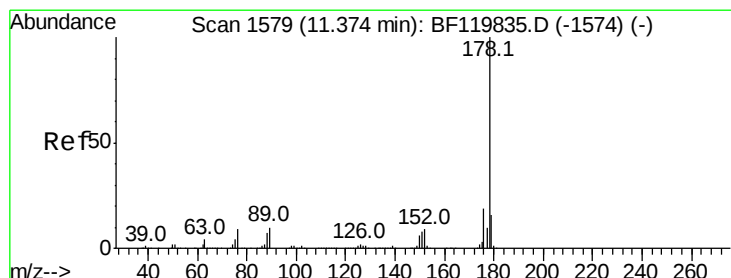
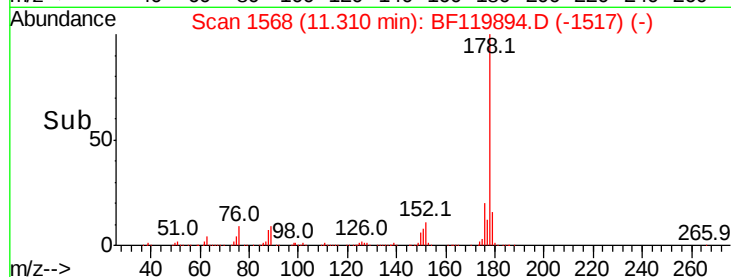
1000000

500000

0

11.25 11.30 11.31

Time-->



#72

Anthracene

Concen: 40.919 ng

RT: 11.36 min Scan# 1577

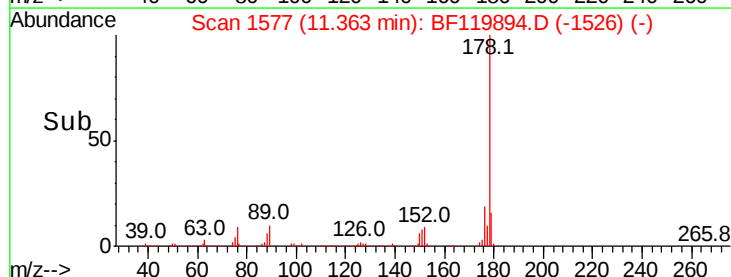
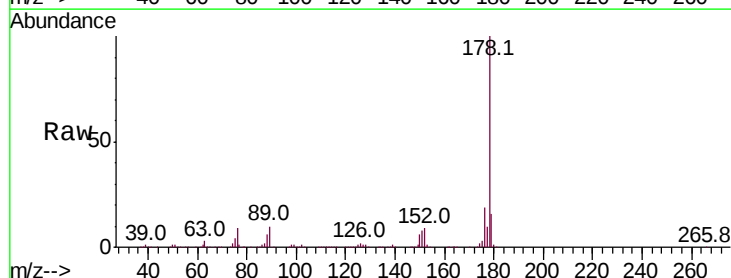
Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Tgt Ion:178 Resp: 1718488

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.8	12.8	19.2



Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

2500000

2000000

1500000

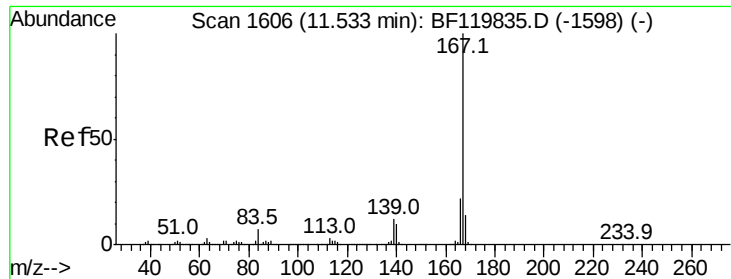
1000000

500000

0

11.30 11.36 11.40

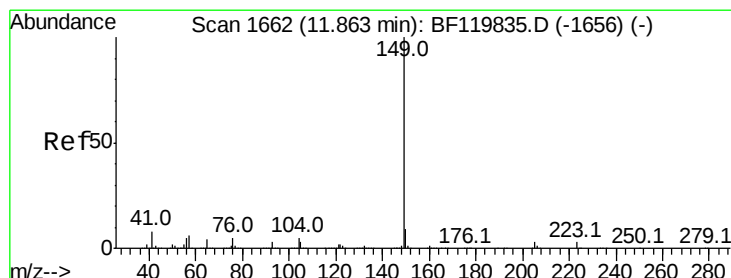
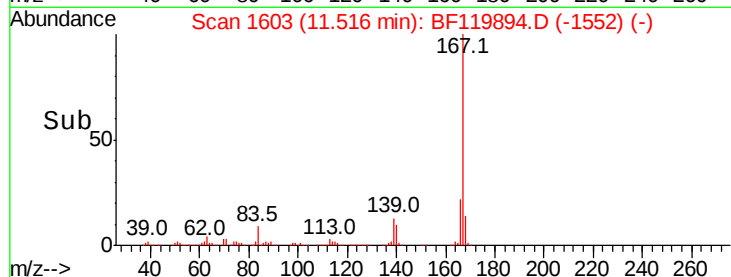
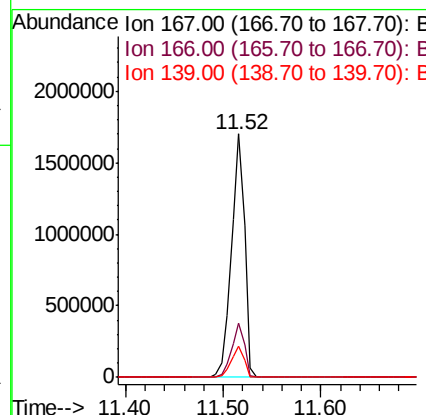
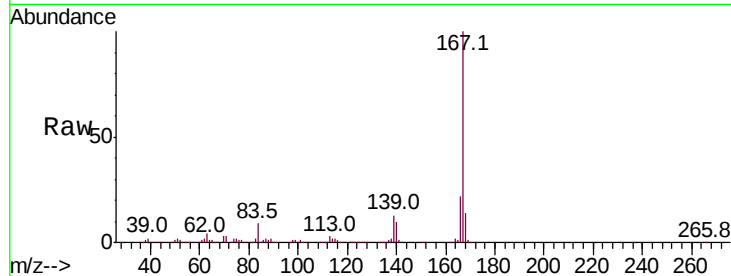
Time-->



#73
 Carbazole
 Concen: 40.197 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

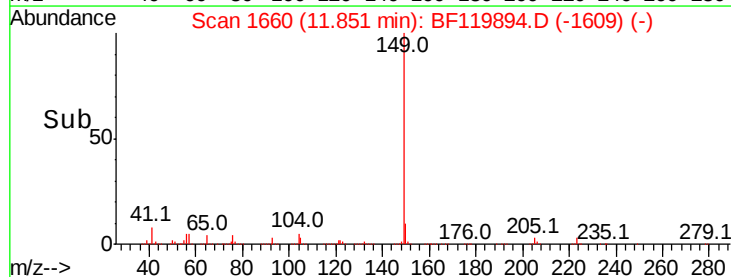
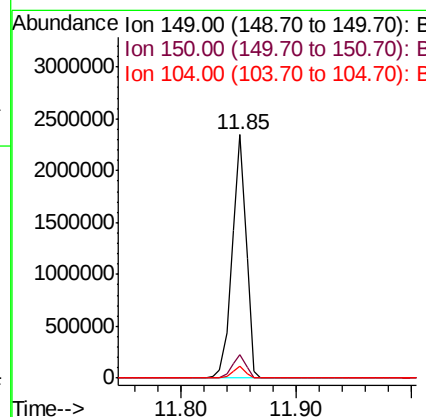
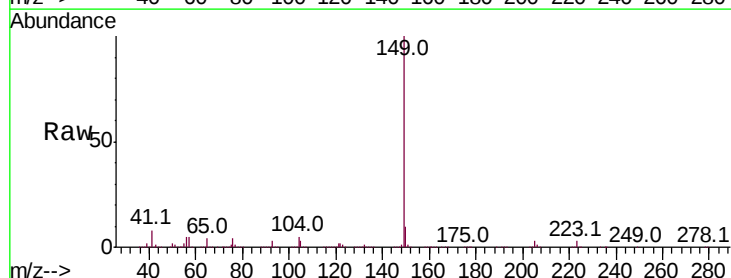
Instrument :
 BNA_N
 ClientSampleId :
 PB128092BS

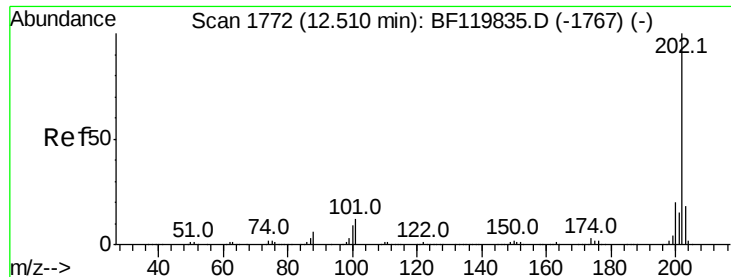
Tot Ion:167 Resp: 1596453
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.0 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 37.414 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion:149 Resp: 1953392
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.7 3.8 5.6





#75

Fluoranthene

Concen: 40.298 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

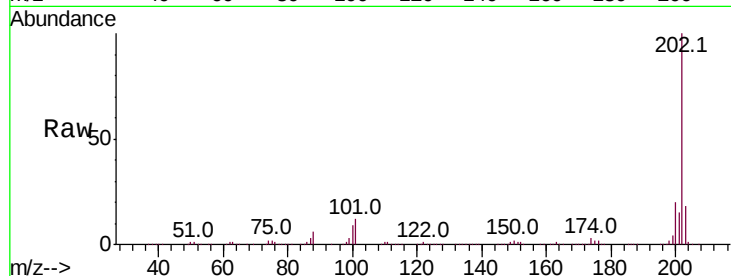
Tot Ion:202 Resp: 1787549

Ion Ratio Lower Upper

202 100

101 12.2 0.0 32.3

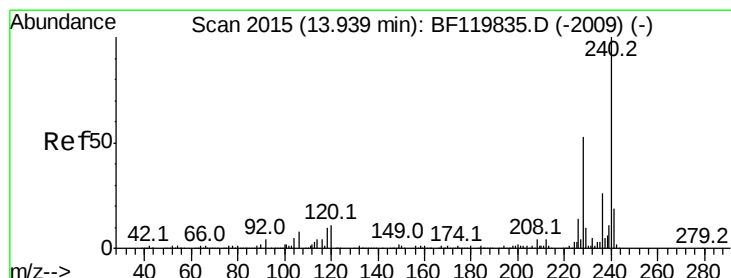
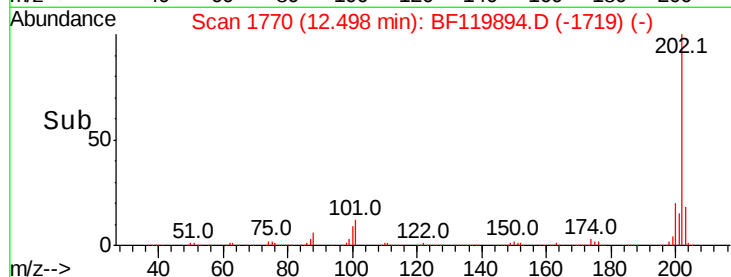
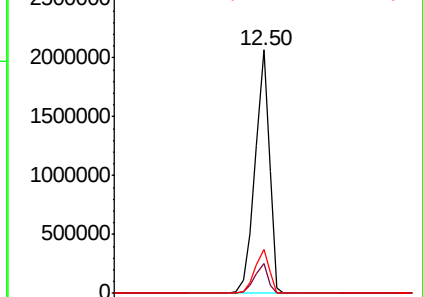
203 17.9 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

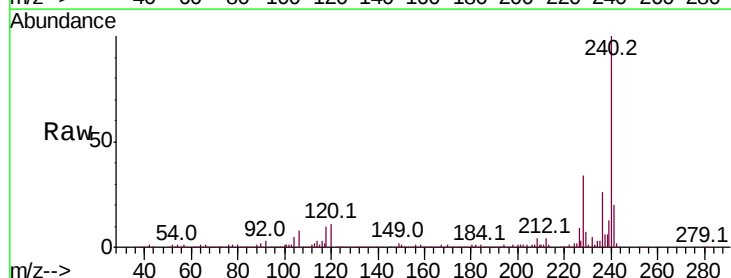
Tgt Ion:240 Resp: 540898

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.6

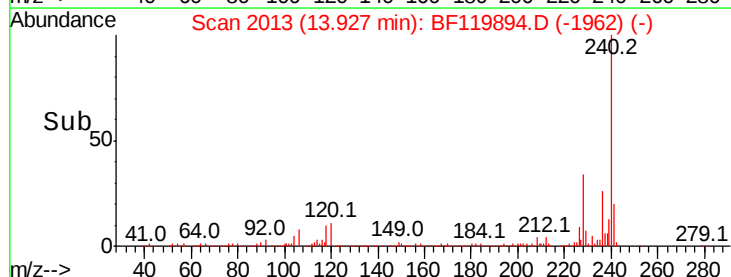
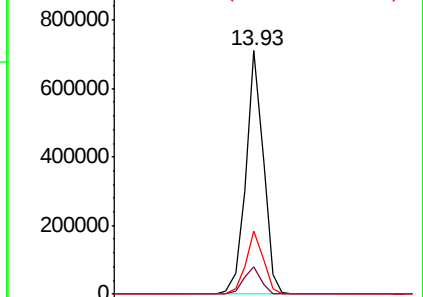
236 25.8 20.7 31.1

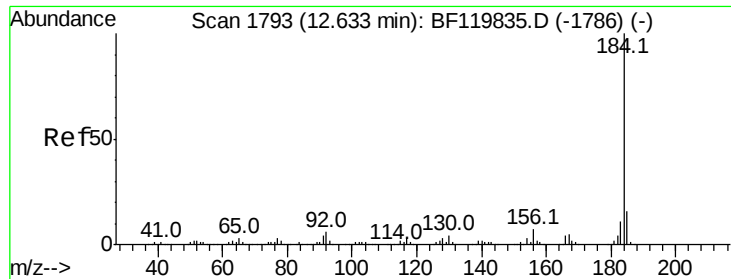


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.787 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

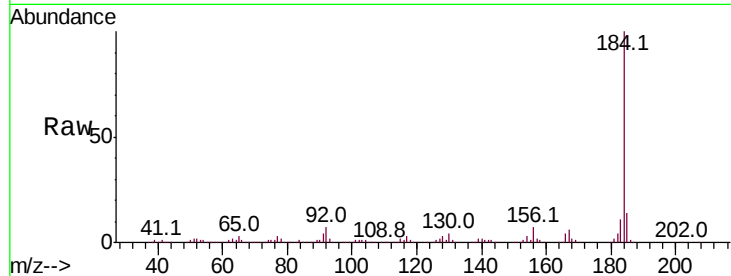
Tot Ion:184 Resp: 946862

Ion Ratio Lower Upper

184 100

185 14.4 13.2 19.8

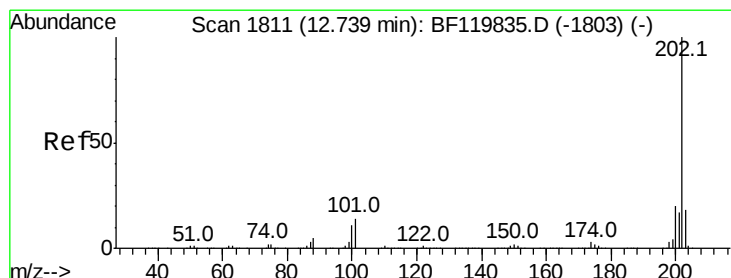
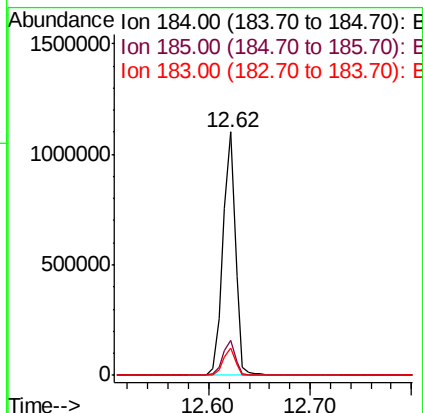
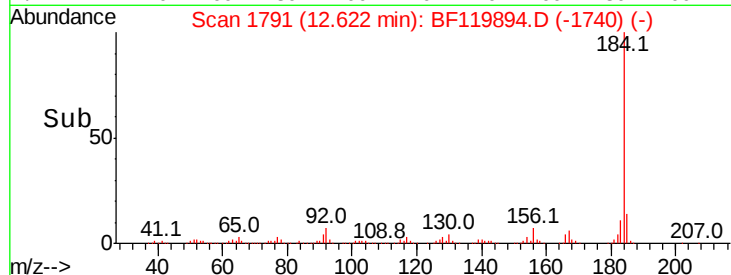
183 11.1 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.941 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

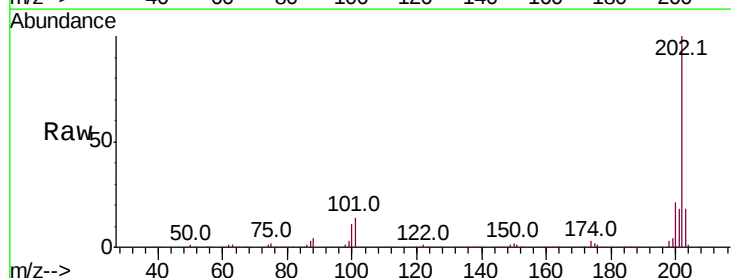
Tgt Ion:202 Resp: 1821245

Ion Ratio Lower Upper

202 100

200 20.8 16.2 24.2

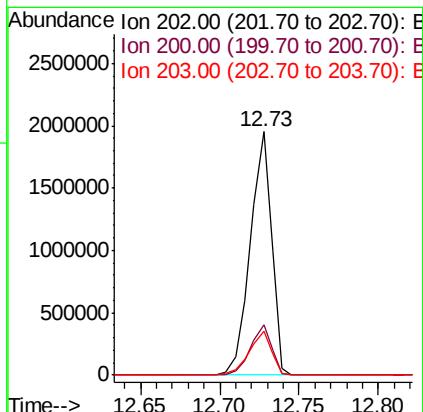
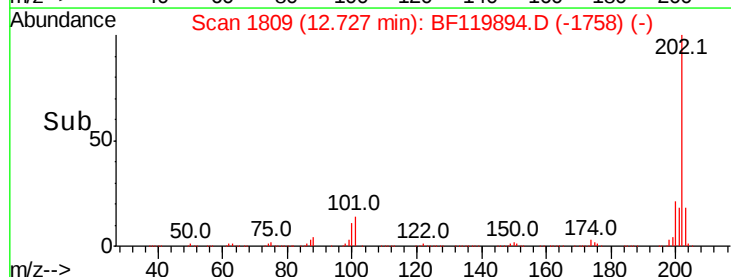
203 18.2 14.1 21.1

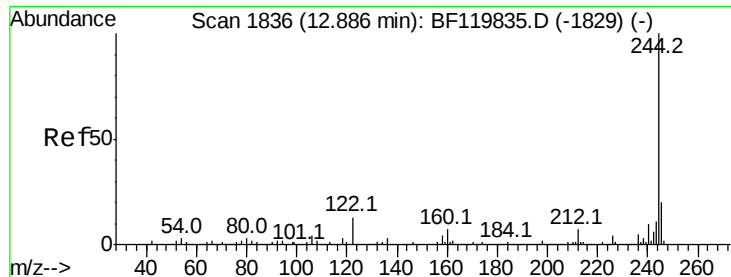


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.501 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

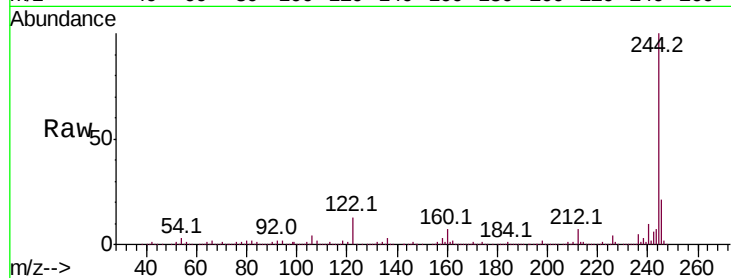
Tot Ion:244 Resp: 2491313

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

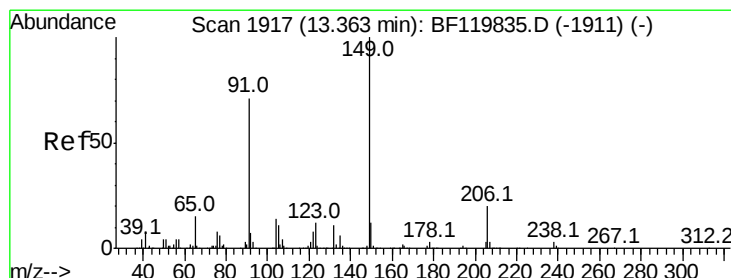
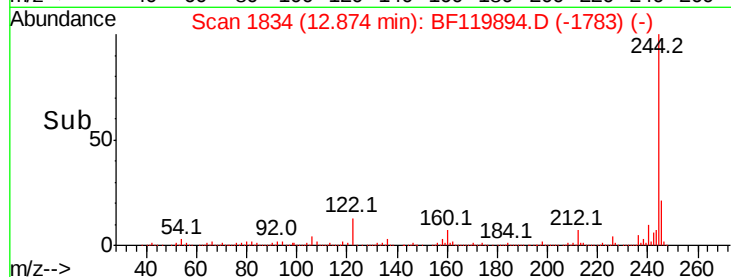
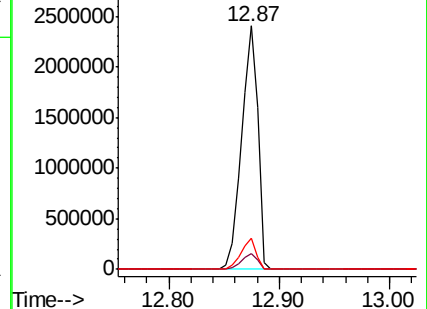
122 12.8 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.579 ng

RT: 13.35 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

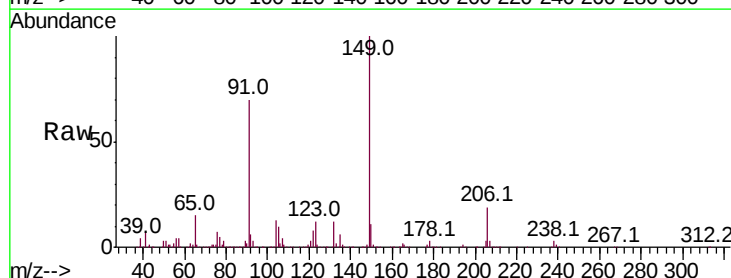
Tgt Ion:149 Resp: 809357

Ion Ratio Lower Upper

149 100

91 69.9 56.7 85.1

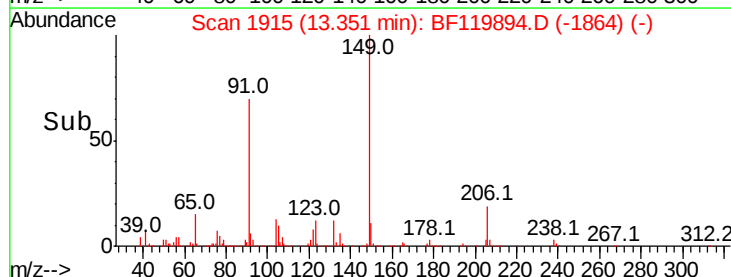
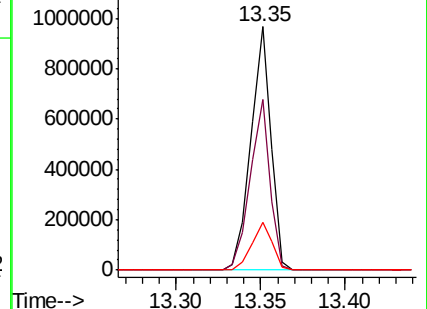
206 19.4 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.672 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

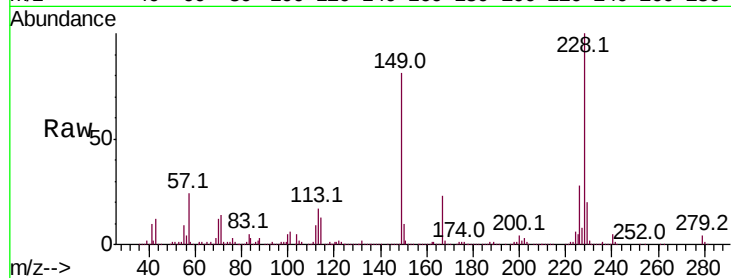
Tot Ion:228 Resp: 1411664

Ion Ratio Lower Upper

228 100

226 27.9 21.9 32.9

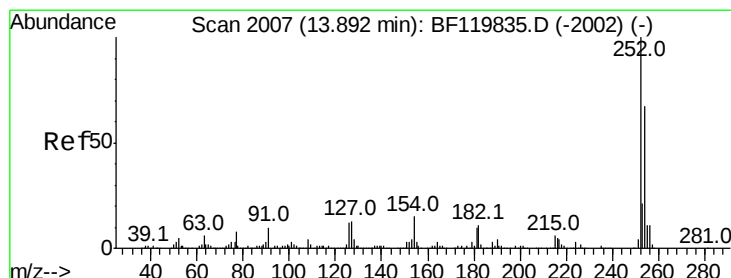
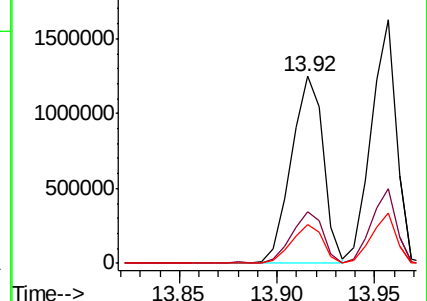
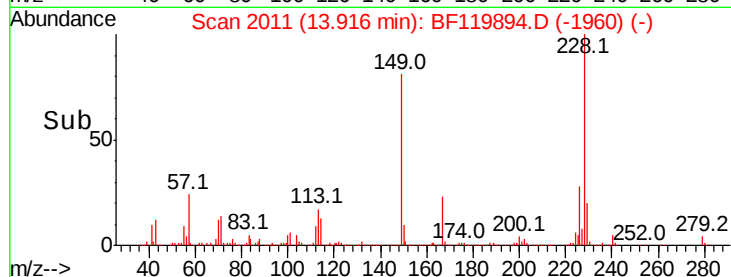
229 20.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.334 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

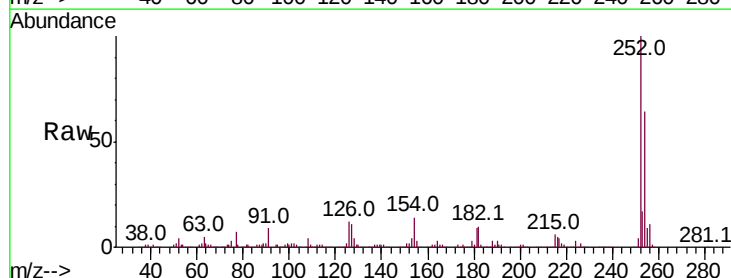
Tgt Ion:252 Resp: 429297

Ion Ratio Lower Upper

252 100

254 63.8 53.9 80.9

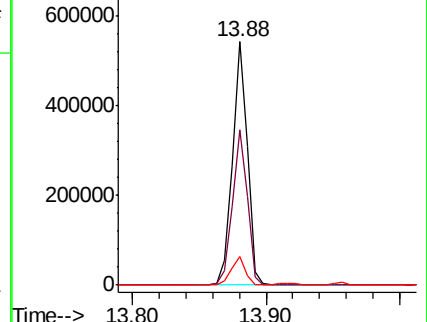
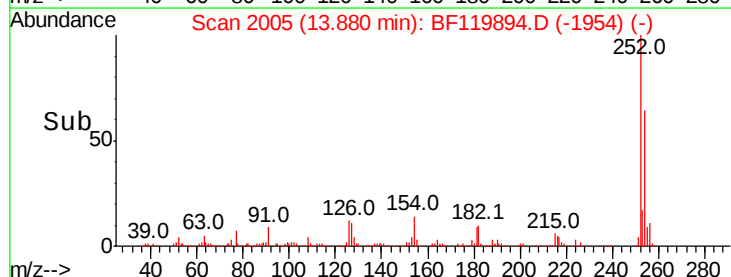
126 11.8 9.7 14.5

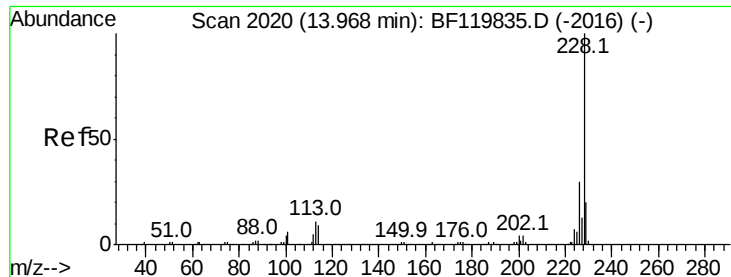


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.318 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

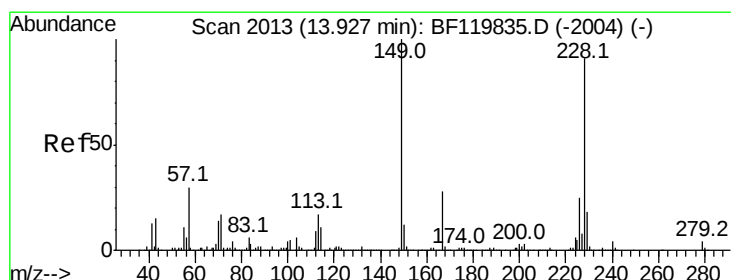
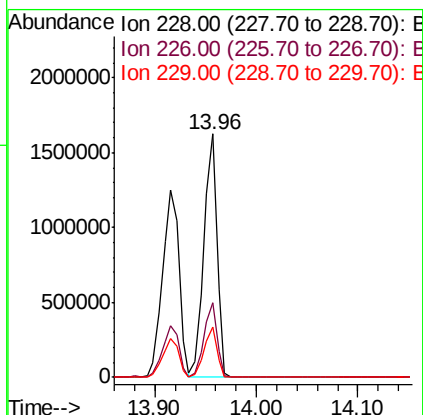
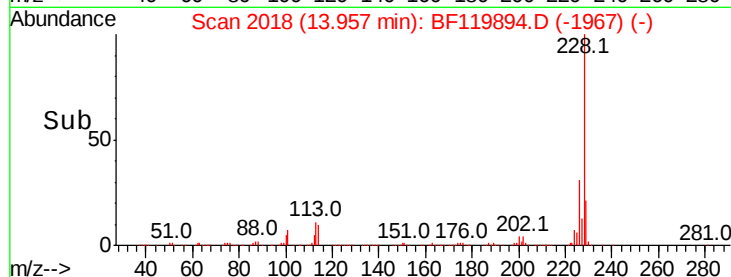
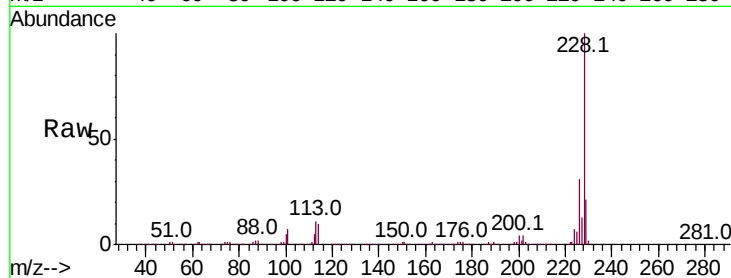
BNA_N

ClientSampleId :

PB128092BS

Tot Ion:228 Resp: 1457750

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	20.5	15.9	23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 33.629 ng

RT: 13.91 min Scan# 2010

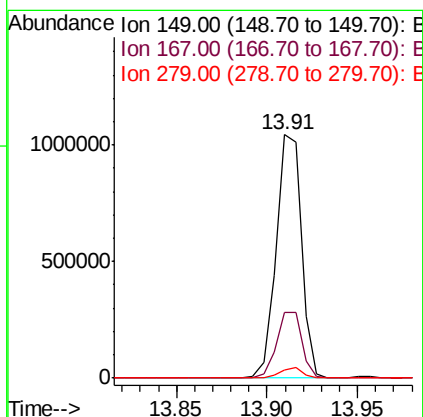
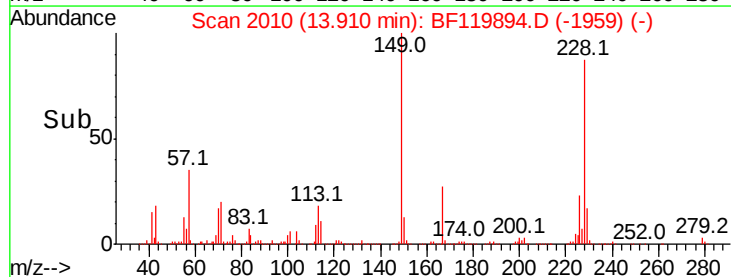
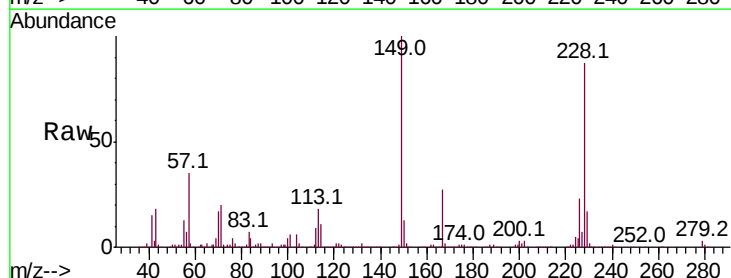
Delta R.T. 0.00 min

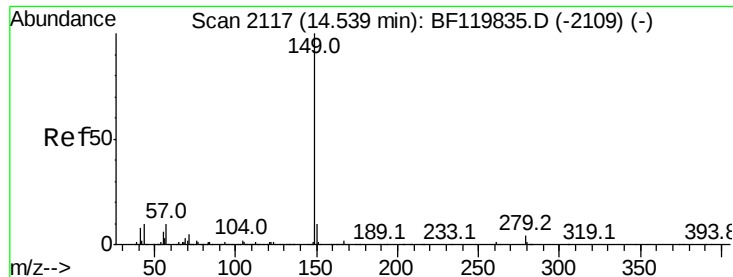
Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Tgt Ion:149 Resp: 1007630

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	3.3	3.4	5.0#





#85

Di-n-octyl phthalate

Concen: 33.912 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

BNA_N

ClientSampleId :

PB128092BS

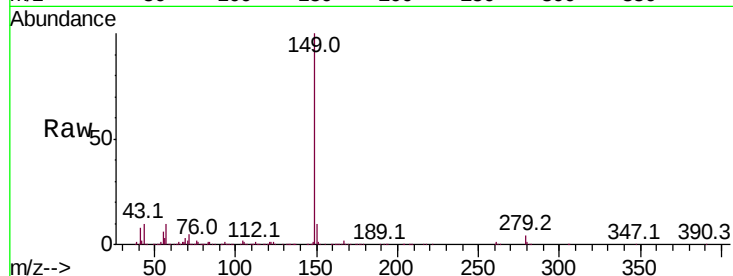
Tot Ion:149 Resp: 1730079

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

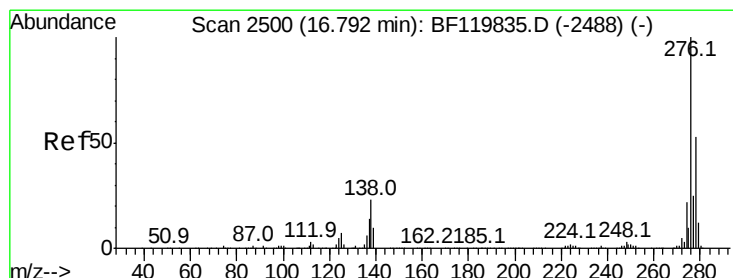
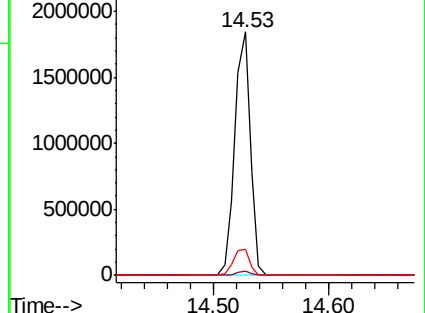
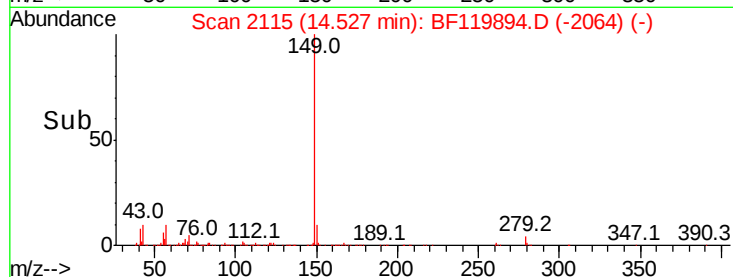
43 10.9 9.2 13.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.086 ng

RT: 16.77 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

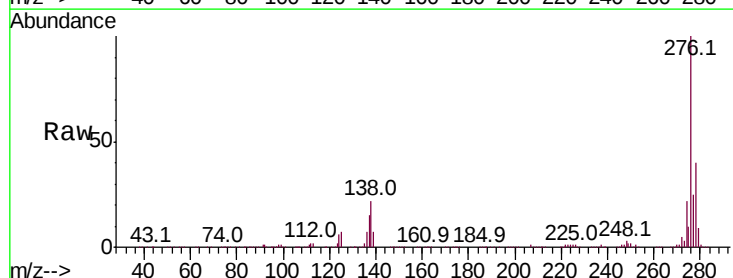
Tgt Ion:276 Resp: 1277583

Ion Ratio Lower Upper

276 100

138 23.7 18.0 27.0

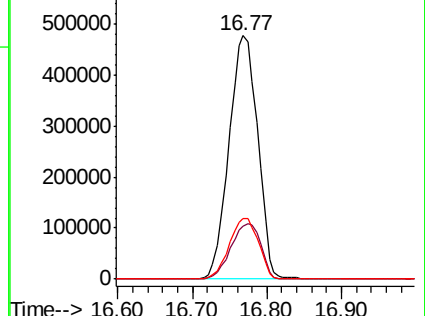
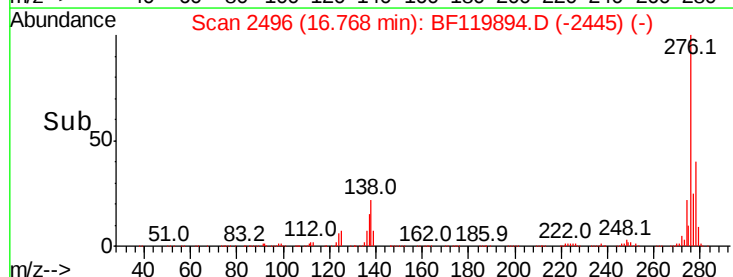
277 25.4 20.1 30.1

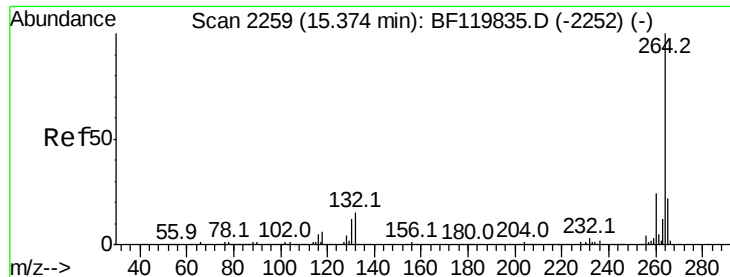


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

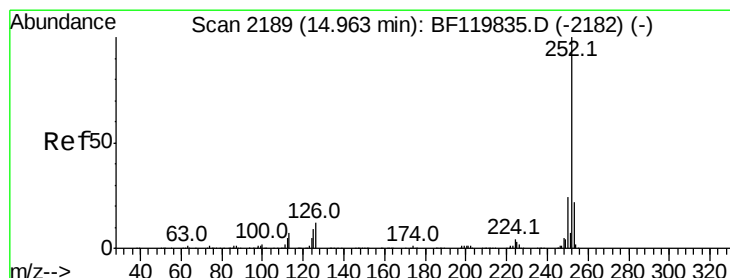
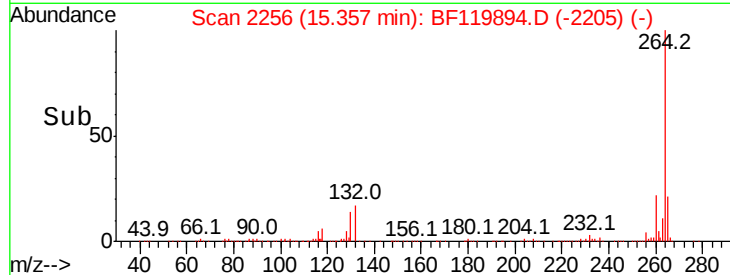
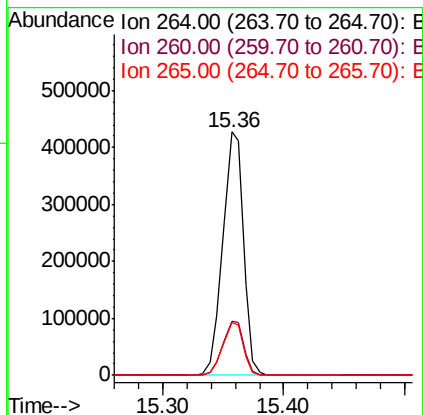
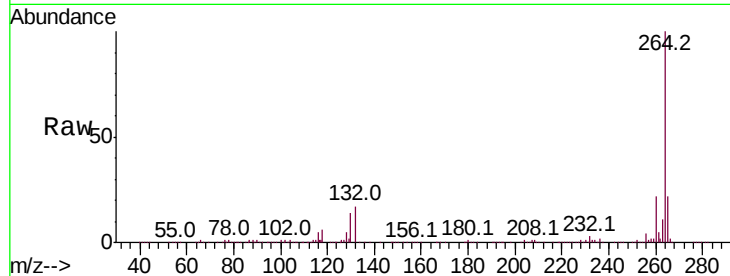




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. 0.00 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

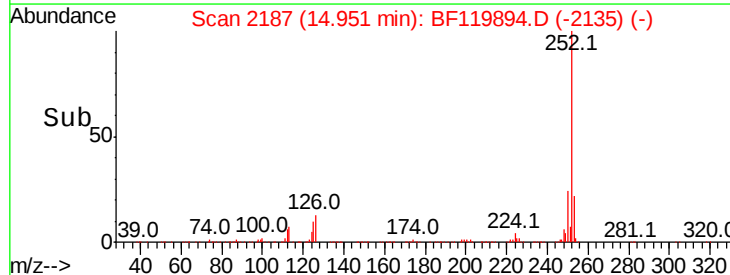
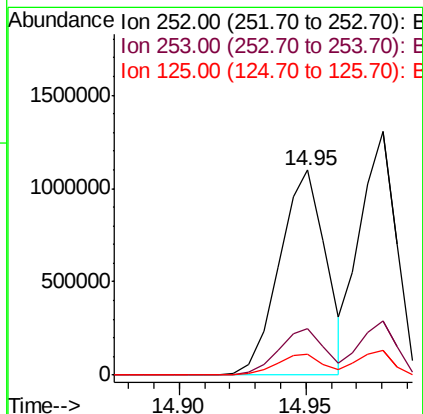
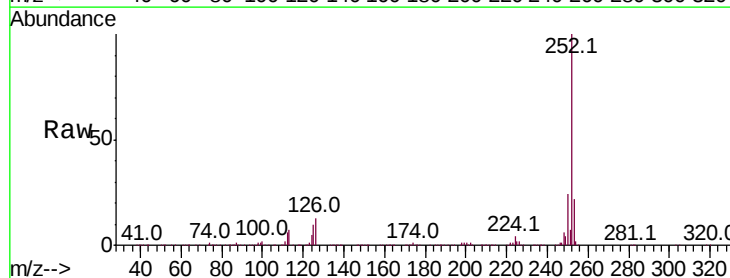
Instrument :
 BNA_N
 ClientSampleId :
 PB128092BS

Tot Ion:264 Resp: 505520
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.3 28.9
 265 21.6 17.6 26.4



#88
 Benzo(b)fluoranthene
 Concen: 38.532 ng
 RT: 14.95 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: BF119894.D
 Acq: 10 Apr 2020 15:03

Tgt Ion:252 Resp: 1401248
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.7 26.5
 125 10.2 7.4 11.2

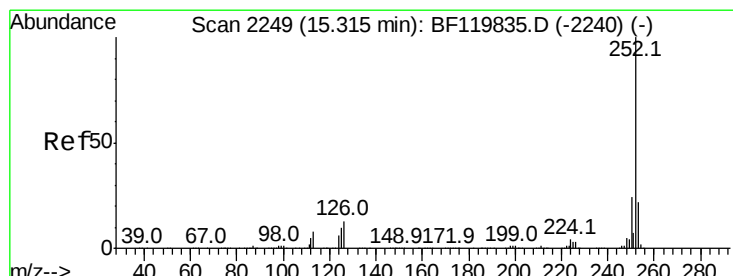
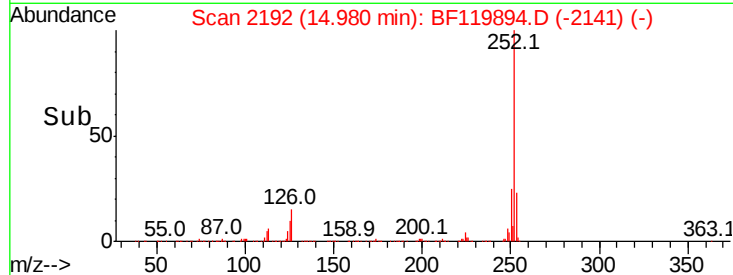
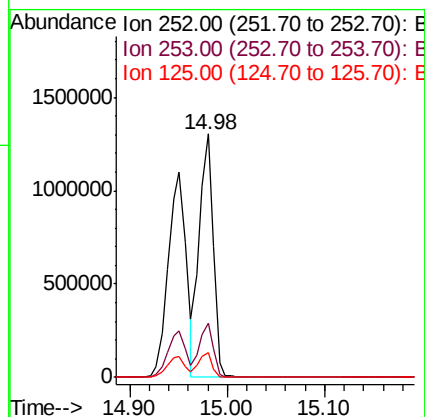
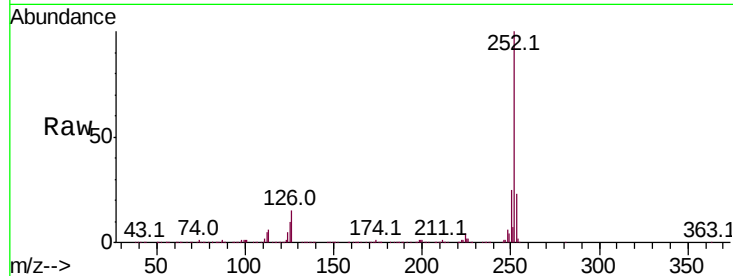




#89
Benzo(k)fluoranthene
Concen: 41.636 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

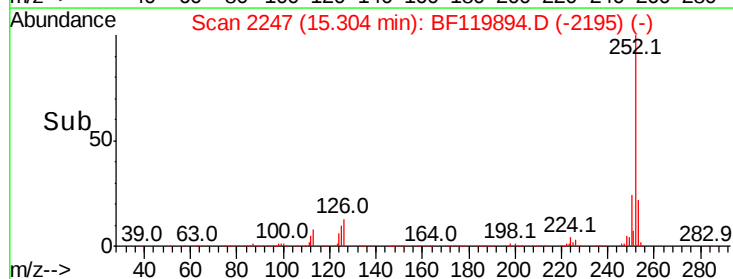
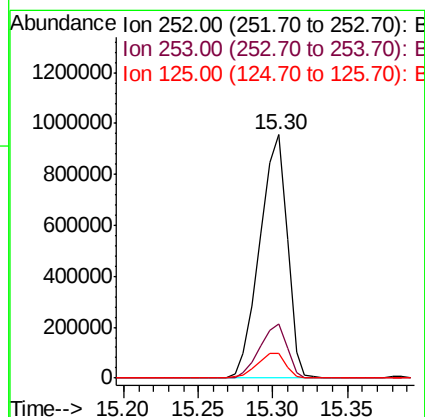
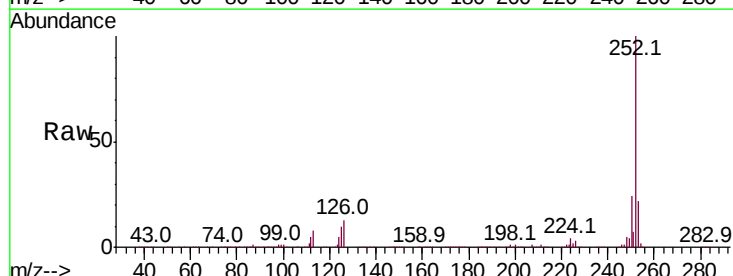
Instrument :
BNA_N
ClientSampleId :
PB128092BS

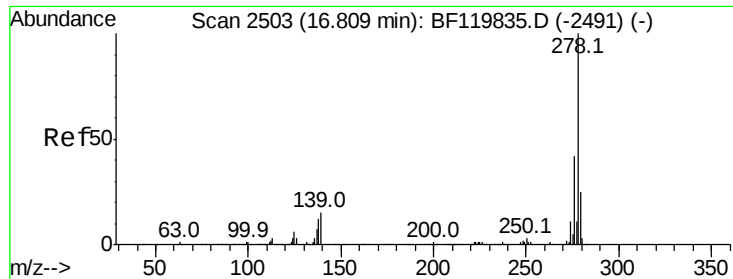
Tot Ion:252 Resp: 1306424
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.1 7.7 11.5



#90
Benzo(a)pyrene
Concen: 39.890 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF119894.D
Acq: 10 Apr 2020 15:03

Tgt Ion:252 Resp: 1219706
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.1 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 39.484 ng

RT: 16.79 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Instrument :

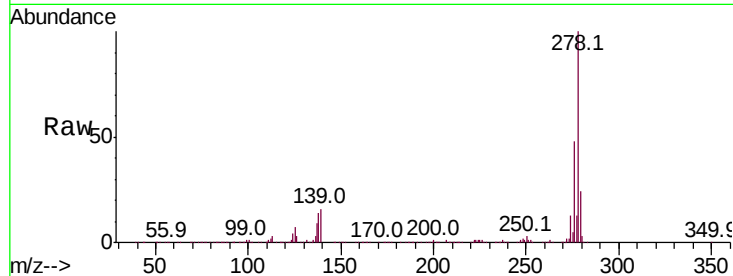
BNA_N

ClientSampleId :

PB128092BS

Tot Ion:278 Resp: 1069410

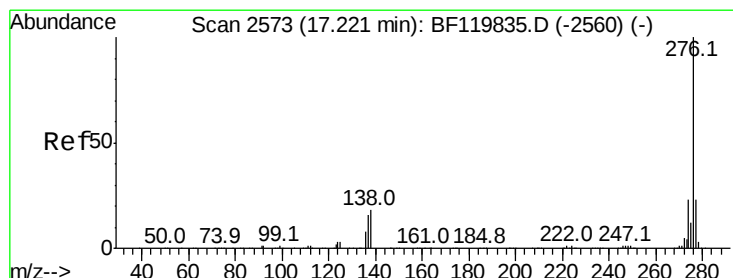
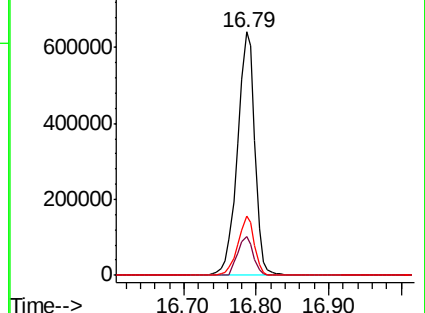
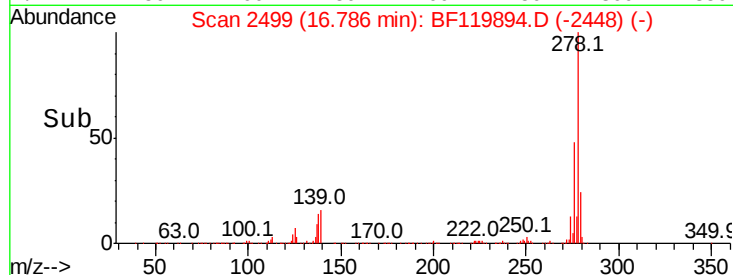
Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.6	17.4
279	24.3	19.7	29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.317 ng

RT: 17.20 min Scan# 2569

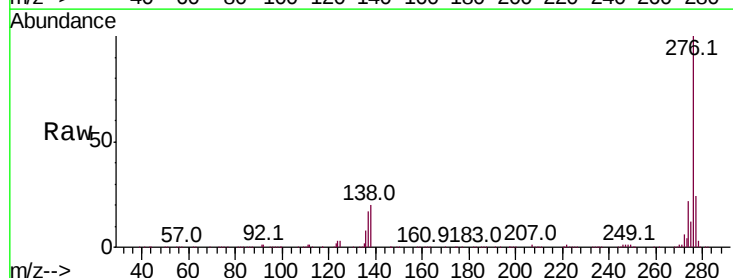
Delta R.T. 0.01 min

Lab File: BF119894.D

Acq: 10 Apr 2020 15:03

Tgt Ion:276 Resp: 1051147

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	20.0	14.6	22.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

