

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120241.D
 Acq On : 30 Apr 2020 16:07
 Operator : MA/SJ
 Sample : PB128574BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Quant Time: Apr 30 16:39:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	97374	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	371923	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	193497	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	372493	20.00	ng	0.00
76) Chrysene-d12	13.83	240	310802	20.00	ng	0.00
87) Perylene-d12	15.23	264	322638	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	748336	132.81	ng	0.00
7) Phenol-d6	6.31	99	909690	125.30	ng	0.00
23) Nitrobenzene-d5	7.22	82	568255	79.04	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	246534	104.06	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1110382	81.47	ng	0.00
79) Terphenyl-d14	12.77	244	1335299	72.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	91898	36.619	ng	97
3) Pyridine	2.93	79	273151	39.671	ng	97
4) n-Nitrosodimethylamine	2.88	42	147961	42.058	ng	98
6) Aniline	6.32	93	330211	34.652	ng	# 34
8) 2-Chlorophenol	6.44	128	287418	45.654	ng	98
9) Benzaldehyde	6.20	77	106553	22.247	ng	99
10) Phenol	6.32	94	367275	44.590	ng	95
11) bis(2-Chloroethyl)ether	6.39	93	274408	43.148	ng	97
12) 1,3-Dichlorobenzene	6.59	146	299513	43.456	ng	98
13) 1,4-Dichlorobenzene	6.67	146	308387	43.924	ng	97
14) 1,2-Dichlorobenzene	6.82	146	287578	44.445	ng	98
15) Benzyl Alcohol	6.80	79	235758	41.808	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	474048	38.305	ng	64
17) 2-Methylphenol	6.93	107	228107	40.601	ng	# 92
18) Hexachloroethane	7.16	117	112834	43.002	ng	96
19) n-Nitroso-di-n-propylamine	7.07	70	195762	41.930	ng	98
20) 3+4-Methylphenols	7.08	107	294553	42.867	ng	# 83
22) Acetophenone	7.06	105	394065	45.247	ng	# 98
24) Nitrobenzene	7.24	77	300992	41.619	ng	97
25) Isophorone	7.48	82	541483	39.072	ng	99
26) 2-Nitrophenol	7.56	139	153957	42.610	ng	92
27) 2,4-Dimethylphenol	7.60	122	236391	43.380	ng	96
28) bis(2-Chloroethoxy)methane	7.69	93	337090	41.335	ng	98
29) 2,4-Dichlorophenol	7.81	162	229117	41.019	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	258507	40.845	ng	100
31) Naphthalene	7.96	128	822801	42.048	ng	97
32) Benzoic acid	7.74	122	161846	33.818	ng	93
33) 4-Chloroaniline	8.02	127	202351	23.754	ng	97
34) Hexachlorobutadiene	8.08	225	146257	38.605	ng	99
35) Caprolactam	8.39	113	41714	24.414	ng	# 87
36) 4-Chloro-3-methylphenol	8.52	107	255911	42.318	ng	99
37) 2-Methylnaphthalene	8.65	142	546028	41.159	ng	99
38) 1-Methylnaphthalene	8.75	142	520073	41.592	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	248777	40.707	ng	100

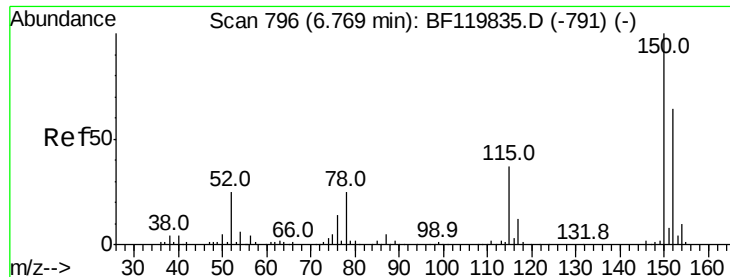
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120241.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	222457	64.013	ng	98
43) 2,4,6-Trichlorophenol	8.94	196	165762	39.278	ng	98
44) 2,4,5-Trichlorophenol	8.99	196	174295	36.669	ng	95
46) 1,1'-Biphenyl	9.12	154	666320	40.798	ng	96
47) 2-Chloronaphthalene	9.15	162	525977	41.806	ng	98
48) 2-Nitroaniline	9.25	65	182268	39.977	ng	98
49) Acenaphthylene	9.56	152	813930	42.538	ng	98
50) Dimethylphthalate	9.43	163	609959	40.754	ng	100
51) 2,6-Dinitrotoluene	9.49	165	134656	41.085	ng	97
52) Acenaphthene	9.73	154	483670	37.894	ng	97
53) 3-Nitroaniline	9.66	138	100754	26.917	ng	98
54) 2,4-Dinitrophenol	9.77	184	137089	69.864	ng	98
55) Dibenzofuran	9.90	168	740387	42.272	ng	99
56) 4-Nitrophenol	9.85	139	195538	70.208	ng	98
57) 2,4-Dinitrotoluene	9.90	165	177490	41.104	ng	93
58) Fluorene	10.25	166	579416	41.365	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	148868	40.950	ng	98
60) Diethylphthalate	10.13	149	620261	39.986	ng	99
61) 4-Chlorophenyl-phenylether	10.24	204	280344	39.048	ng	98
62) 4-Nitroaniline	10.27	138	151179	42.379	ng	99
63) Azobenzene	10.40	77	585734	42.134	ng	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	95823	39.047	ng	79
66) n-Nitrosodiphenylamine	10.36	169	528001	42.622	ng	100
67) 4-Bromophenyl-phenylether	10.73	248	170671	36.843	ng	95
68) Hexachlorobenzene	10.79	284	183486	39.045	ng	98
69) Atrazine	10.90	200	160233	46.488	ng	99
70) Pentachlorophenol	11.00	266	154150	56.922	ng	97
71) Phenanthrene	11.21	178	850856	42.919	ng	98
72) Anthracene	11.26	178	886716	43.784	ng	97
73) Carbazole	11.42	167	808123	42.196	ng	97
74) Di-n-butylphthalate	11.76	149	1026393	40.768	ng	98
75) Fluoranthene	12.40	202	967790	45.244	ng	97
77) Benzidine	12.52	184	538699	51.275	ng	99
78) Pyrene	12.62	202	982102	37.483	ng	98
80) Butylbenzylphthalate	13.25	149	446305	35.104	ng	98
81) Benzo(a)anthracene	13.82	228	859027	42.013	ng	98
82) 3,3'-Dichlorobenzidine	13.78	252	212556	27.861	ng	97
83) Chrysene	13.85	228	877761	42.250	ng	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	613872	35.655	ng	99
85) Di-n-octyl phthalate	14.43	149	1111680	37.922	ng	98
86) Indeno(1,2,3-cd)pyrene	16.59	276	985082	53.790	ng	99
88) Benzo(b)fluoranthene	14.83	252	940795	40.534	ng	99
89) Benzo(k)fluoranthene	14.86	252	790133	39.456	ng	99
90) Benzo(a)pyrene	15.17	252	811546	41.586	ng	97
91) Dibenzo(a,h)anthracene	16.60	278	819505	47.409	ng	100
92) Benzo(g,h,i)perylene	17.00	276	789809	46.288	ng	96

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

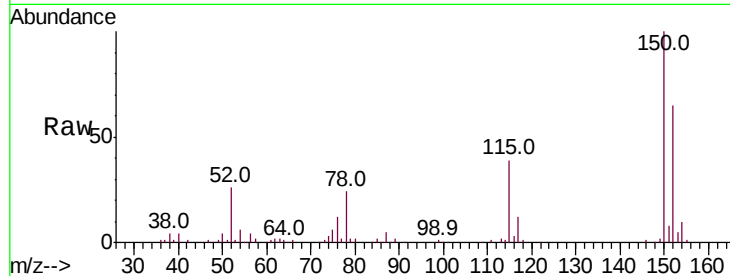


#1

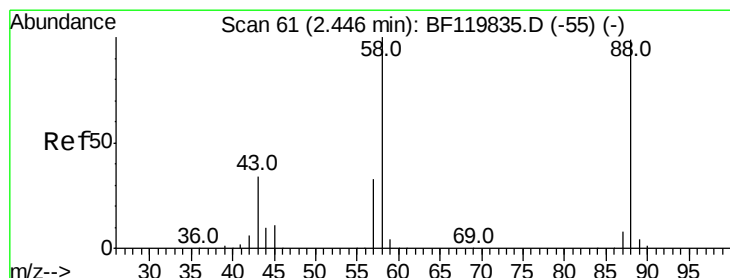
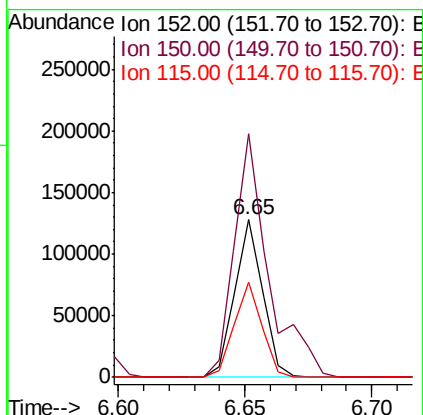
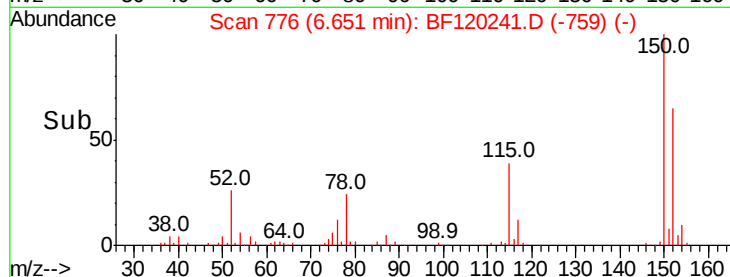
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion:152 Resp: 97374
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.5 186.7
 115 60.1 49.6 74.4



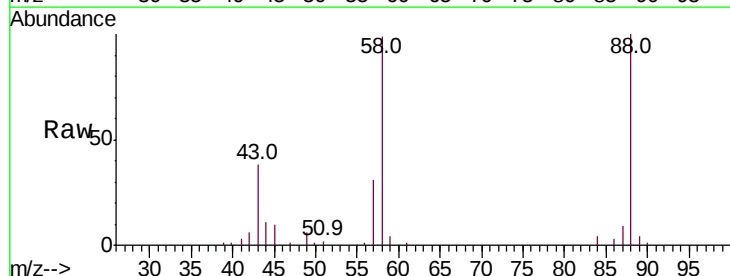
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



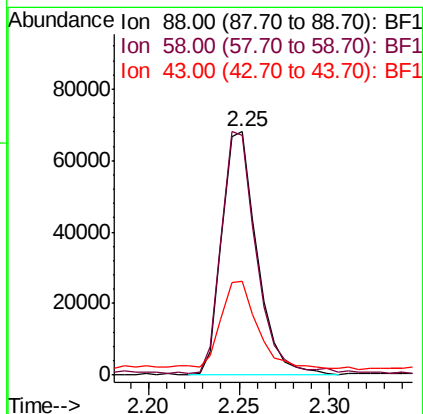
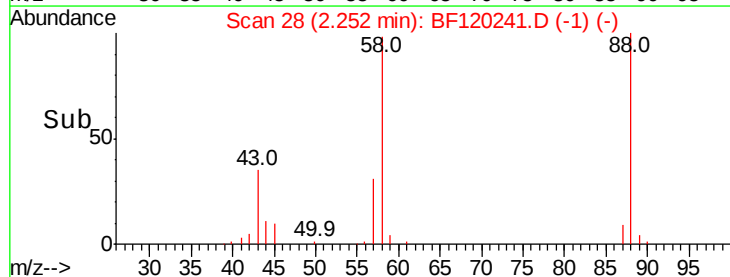
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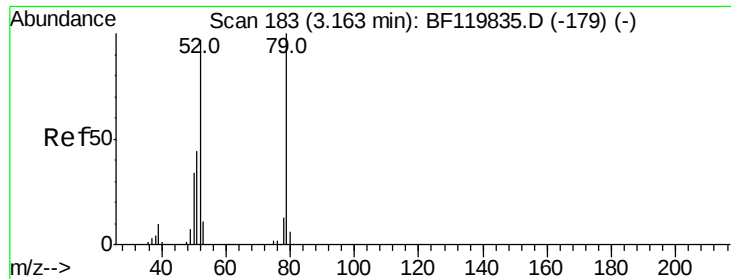
1,4-Dioxane
 Concen: 36.619 ng
 RT: 2.25 min Scan# 28
 Delta R.T. 0.06 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion: 88 Resp: 91898
 Ion Ratio Lower Upper
 88 100
 58 98.0 80.6 121.0
 43 37.2 27.5 41.3



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: 39.671 ng

RT: 2.93 min Scan# 143

Delta R.T. 0.06 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

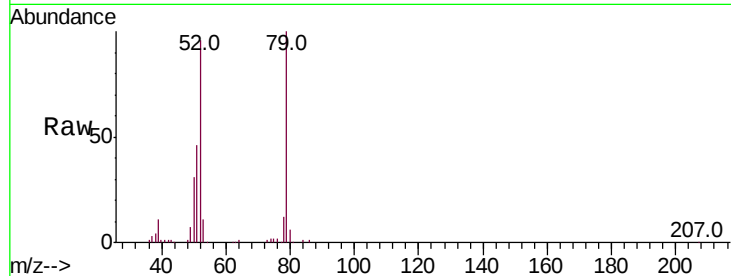
Tot Ion: 79 Resp: 273151

Ion Ratio Lower Upper

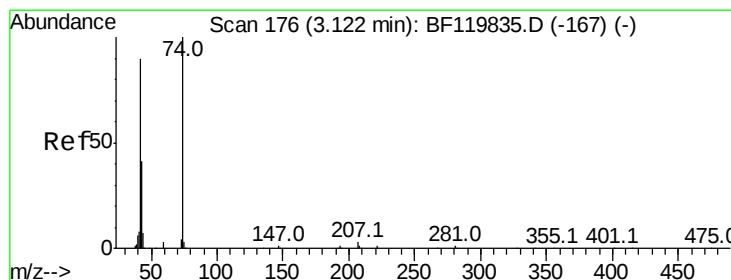
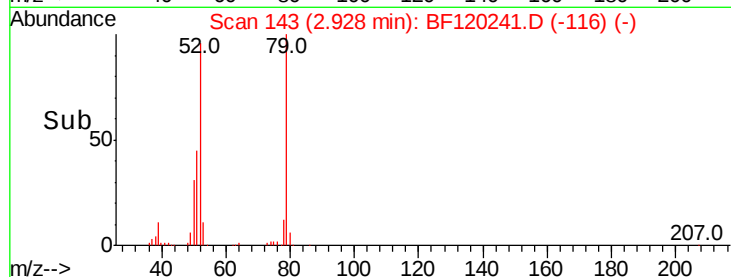
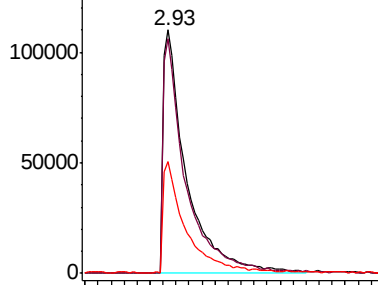
79 100

52 96.3 80.2 120.2

51 45.7 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
150000
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.058 ng

RT: 2.88 min Scan# 134

Delta R.T. 0.04 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

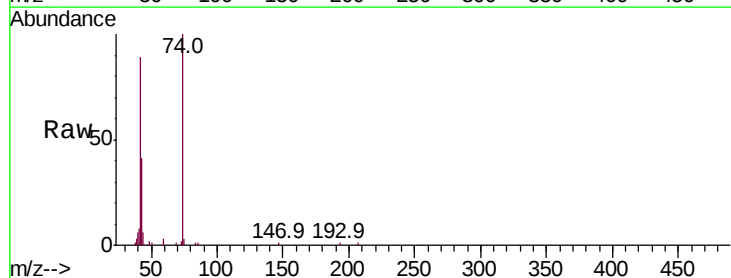
Tgt Ion: 42 Resp: 147961

Ion Ratio Lower Upper

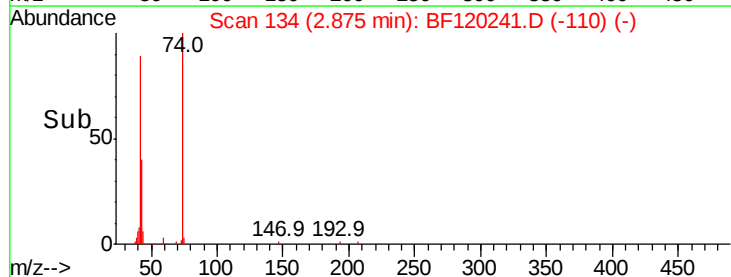
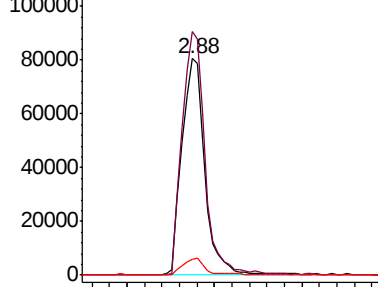
42 100

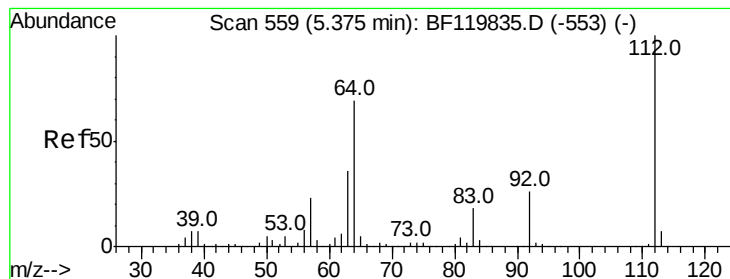
74 112.5 91.5 137.3

44 7.3 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
120000
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 132.814 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

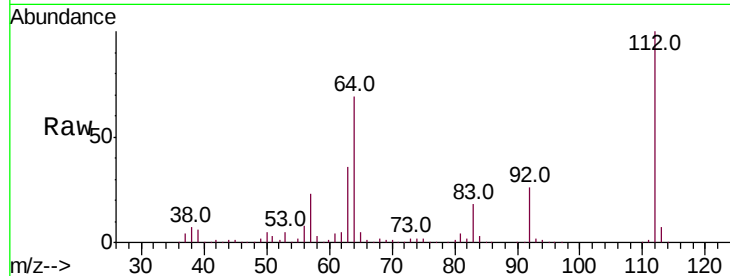
Tot Ion:112 Resp: 748336

Ion Ratio Lower Upper

112 100

64 68.9 56.7 85.1

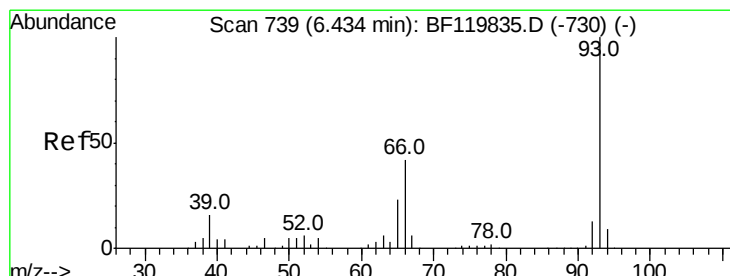
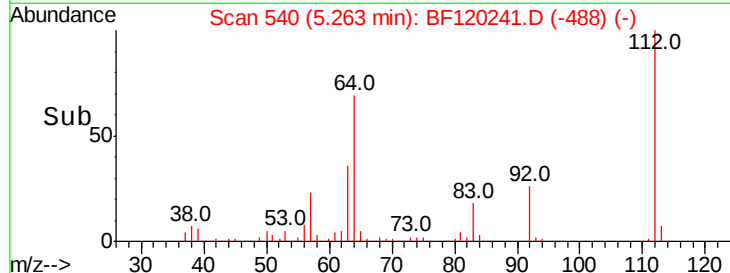
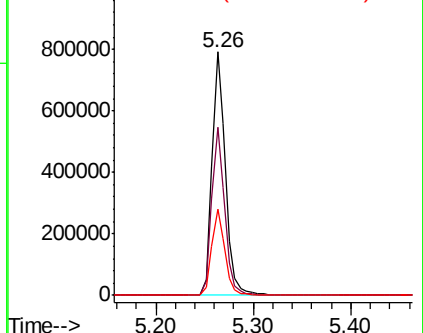
63 35.7 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.652 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

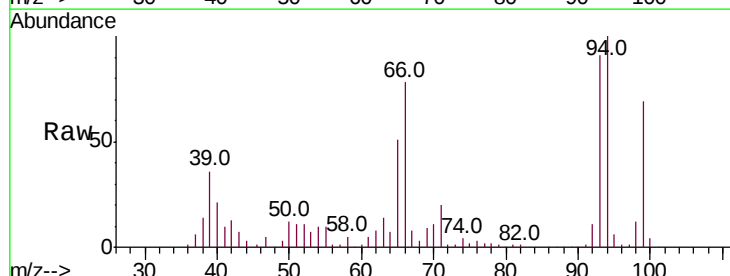
Tgt Ion: 93 Resp: 330211

Ion Ratio Lower Upper

93 100

66 85.2 34.9 52.3#

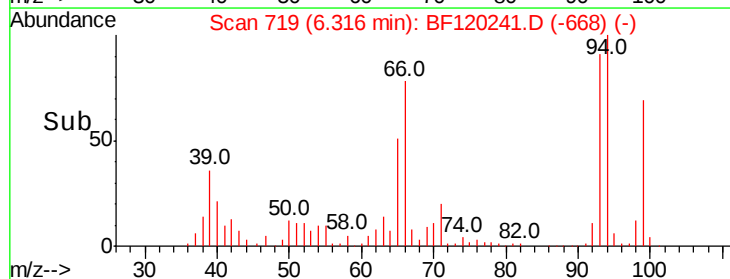
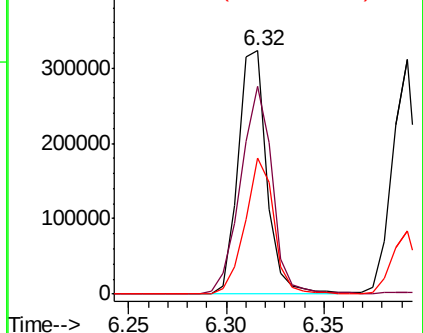
65 56.1 18.6 27.8#

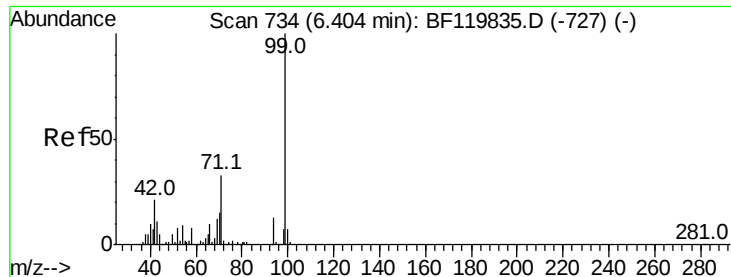


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.297 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF120241.D

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PB128574BS

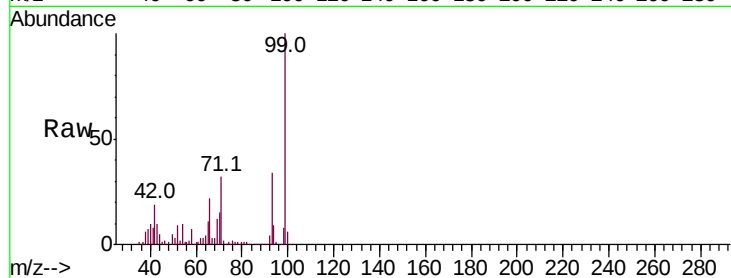
Tot Ion: 99 Resp: 909690

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

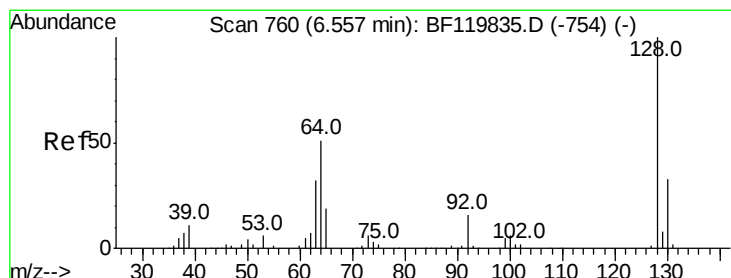
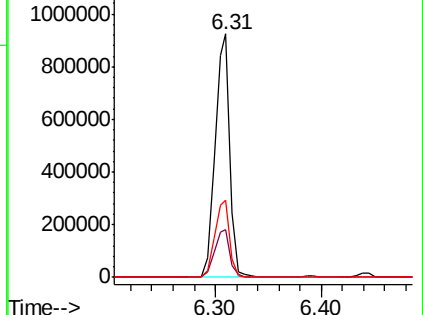
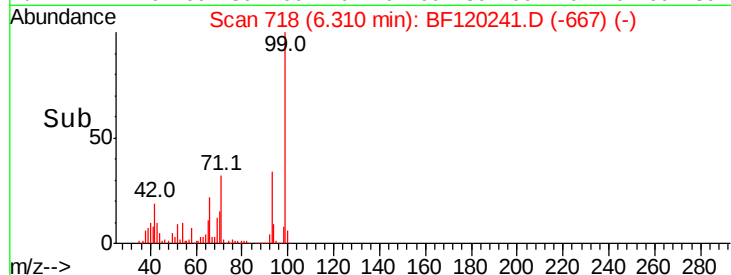
71 31.9 26.4 39.6



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: 45.654 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

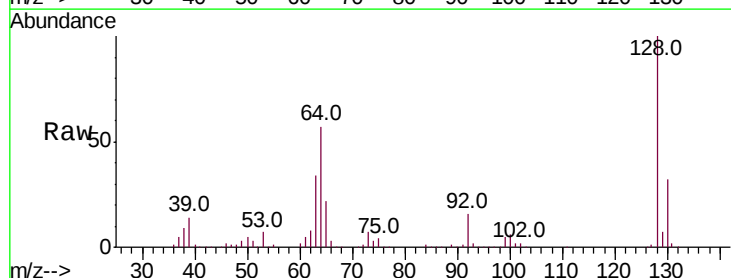
Tgt Ion: 128 Resp: 287418

Ion Ratio Lower Upper

128 100

130 31.5 12.6 52.6

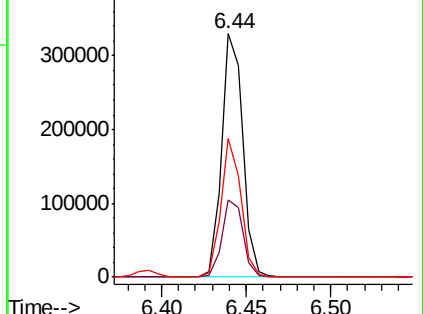
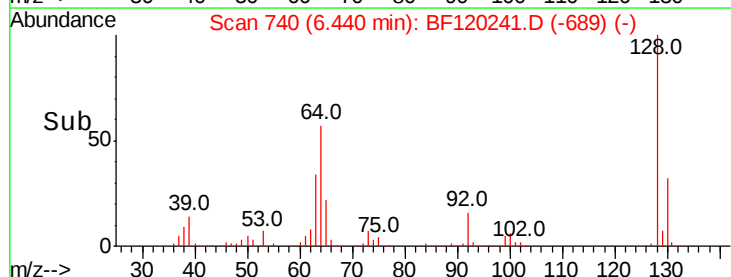
64 56.7 35.3 75.3

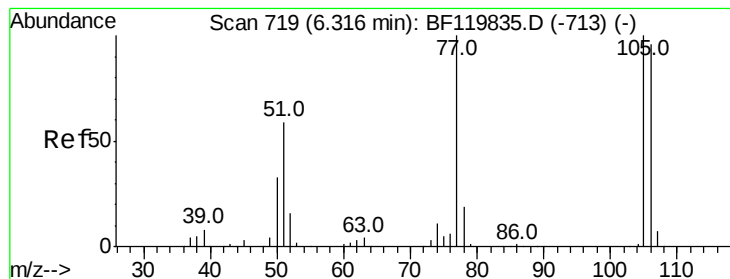


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.247 ng

RT: 6.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF120241.D

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PB128574BS

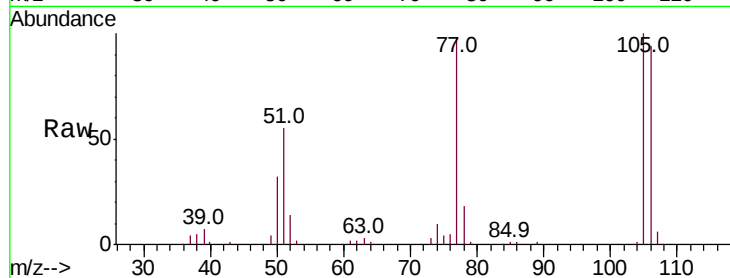
Tot Ion: 77 Resp: 106553

Ion Ratio Lower Upper

77 100

105 102.4 80.9 120.9

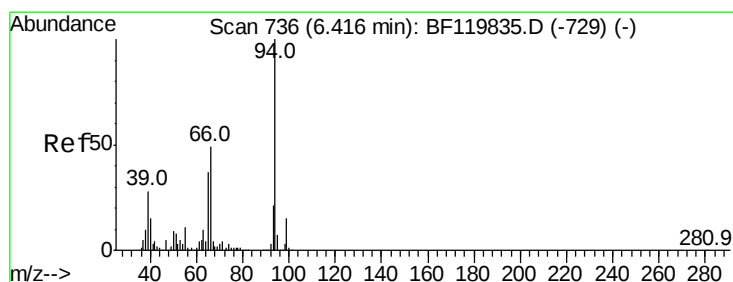
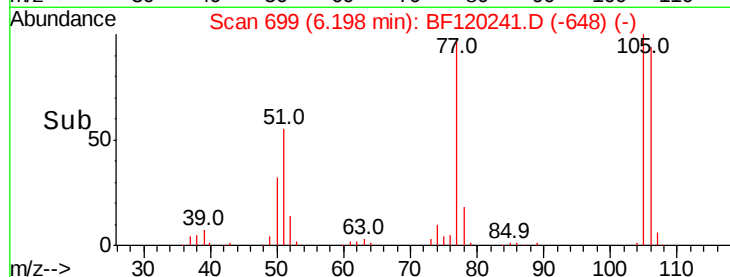
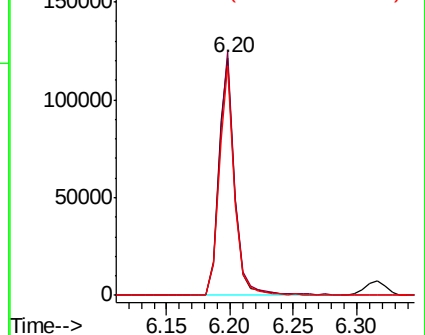
106 96.6 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.590 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

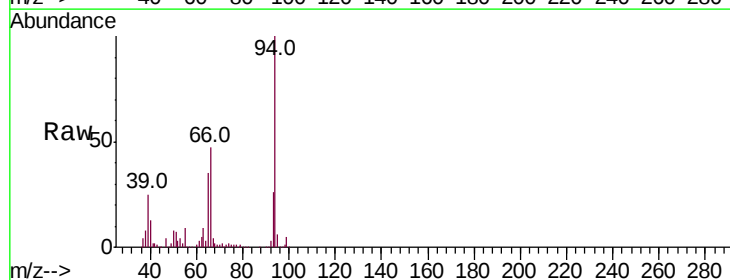
Tgt Ion: 94 Resp: 367275

Ion Ratio Lower Upper

94 100

65 34.9 13.2 53.2

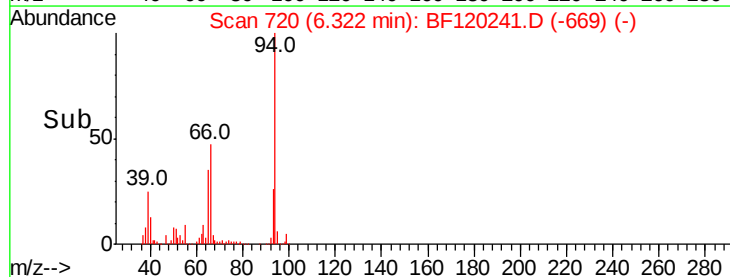
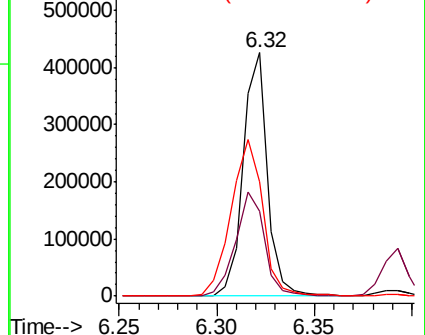
66 47.0 22.3 62.3

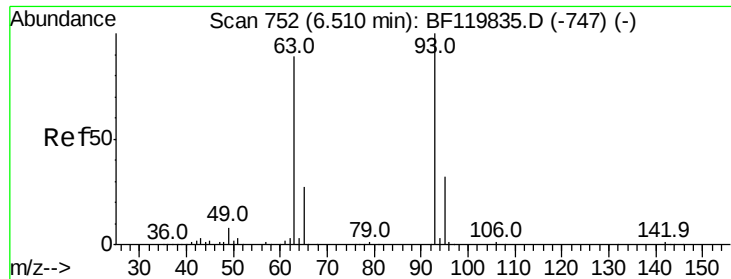


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

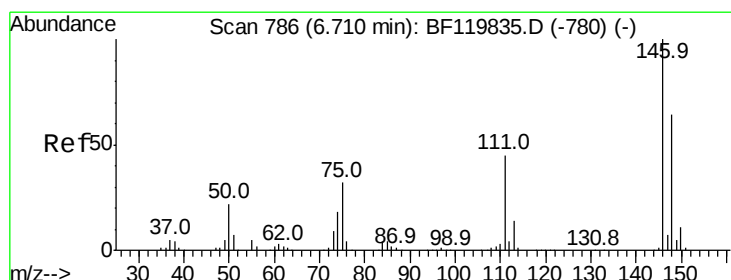
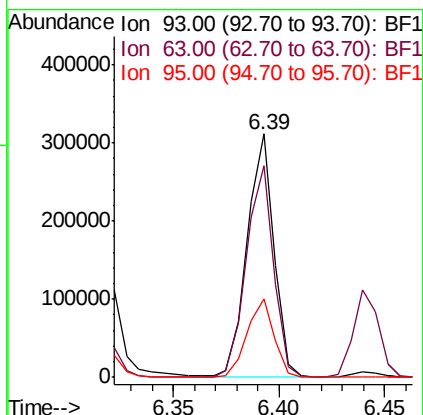
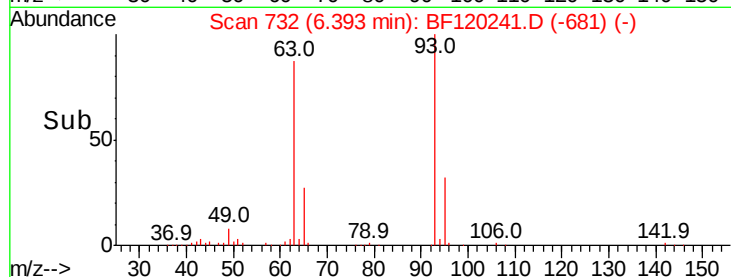
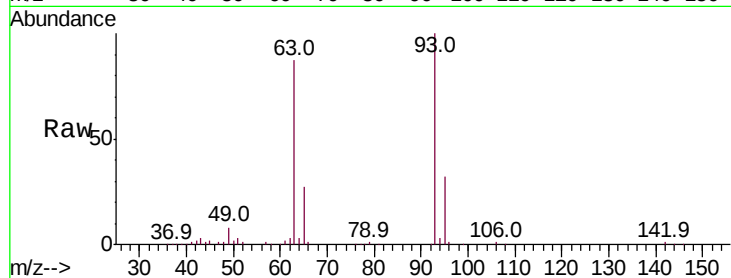




#11
 bis(2-Chloroethyl)ether
 Concen: 43.148 ng
 RT: 6.39 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

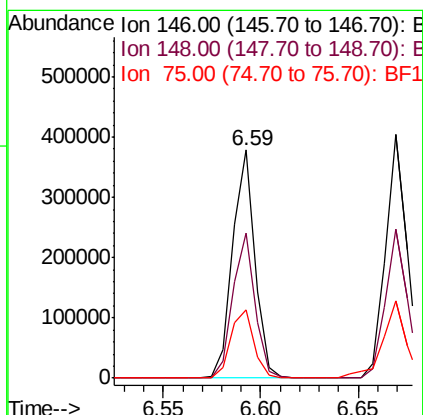
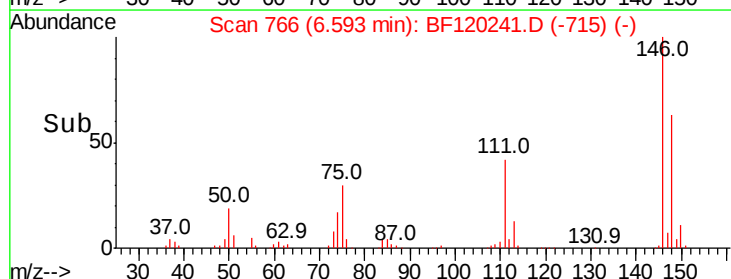
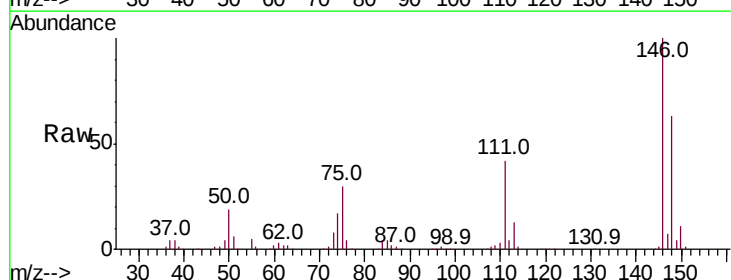
Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

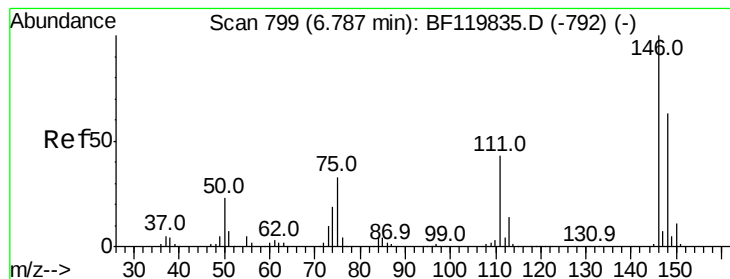
Tot Ion: 93 Resp: 274408
 Ion Ratio Lower Upper
 93 100
 63 87.0 70.2 110.2
 95 32.1 13.4 53.4



#12
 1,3-Dichlorobenzene
 Concen: 43.456 ng
 RT: 6.59 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion: 146 Resp: 299513
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.4
 75 29.9 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 43.924 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

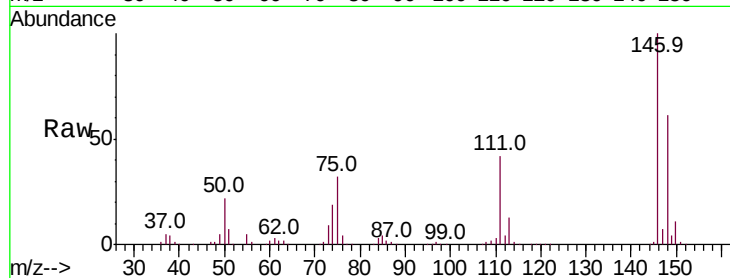
Tot Ion:146 Resp: 308387

Ion Ratio Lower Upper

146 100

148 61.2 51.5 77.3

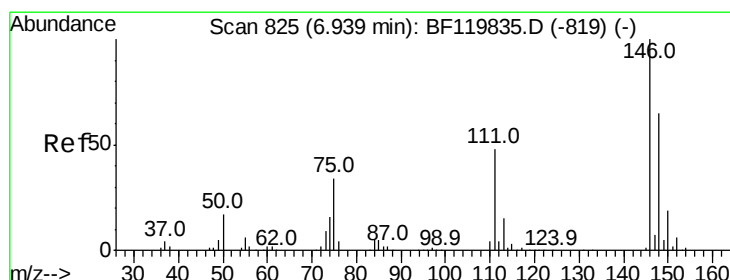
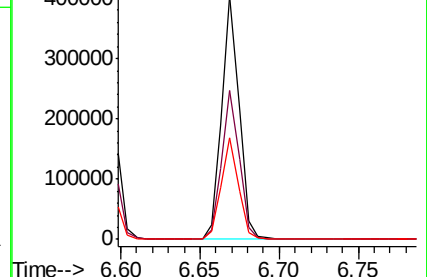
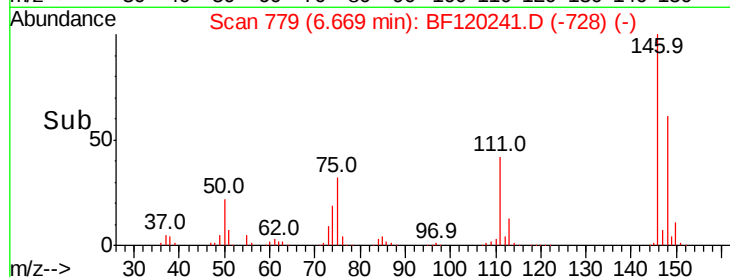
111 41.7 33.3 49.9



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: 44.445 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

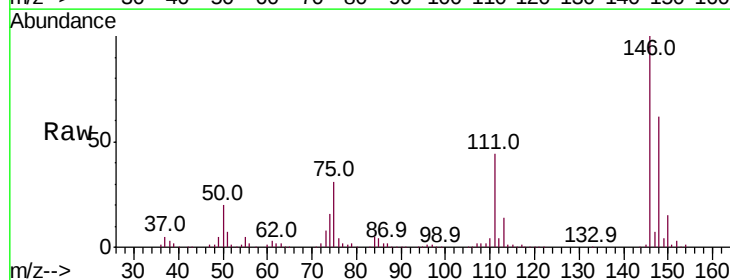
Tgt Ion:146 Resp: 287578

Ion Ratio Lower Upper

146 100

148 61.5 50.6 75.8

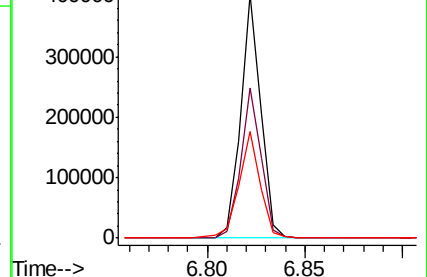
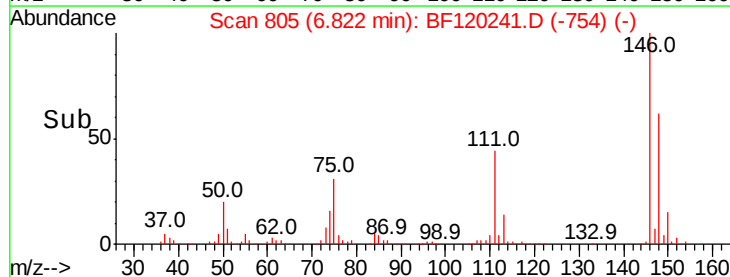
111 43.7 36.1 54.1

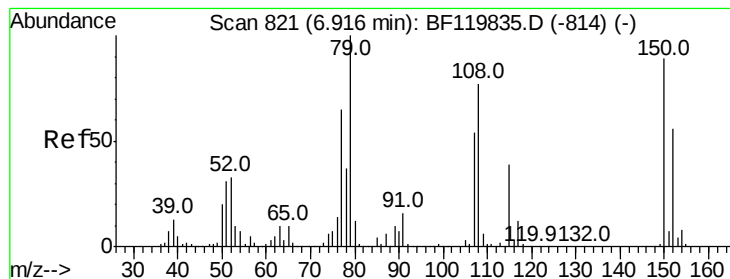


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.808 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleID :

PB128574BS

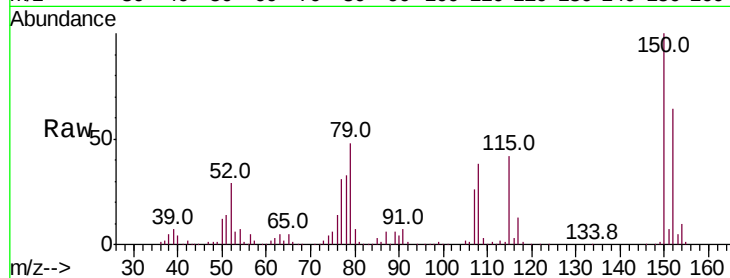
Tot Ion: 79 Resp: 235758

Ion Ratio Lower Upper

79 100

108 78.3 60.6 90.8

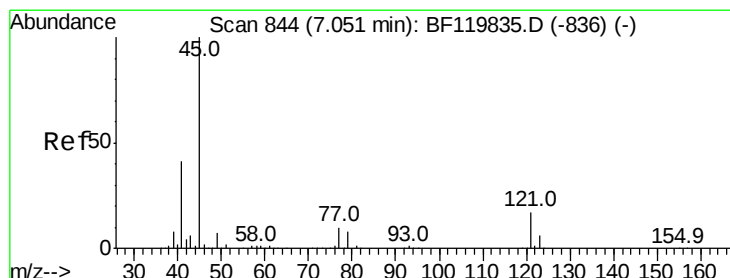
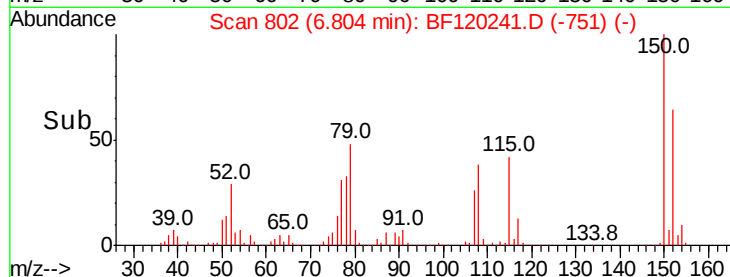
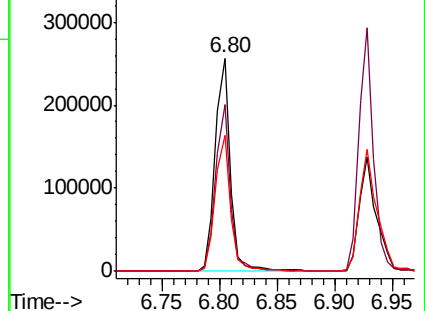
77 64.2 50.2 75.2



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: 38.305 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

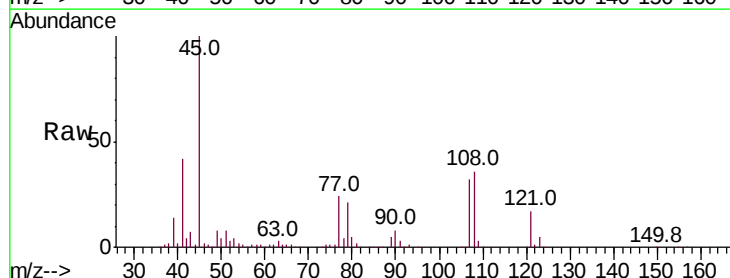
Tgt Ion: 45 Resp: 474048

Ion Ratio Lower Upper

45 100

77 24.2 0.0 30.7

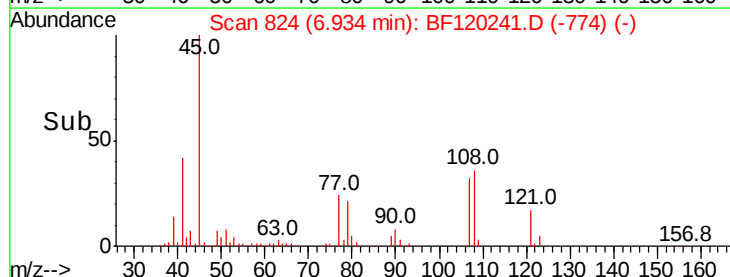
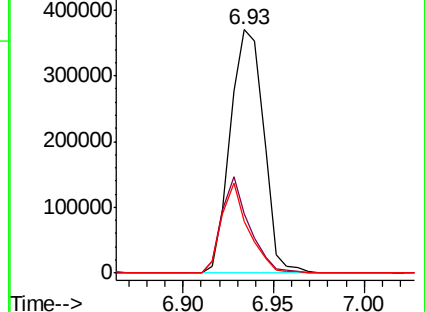
79 21.0 0.0 28.2

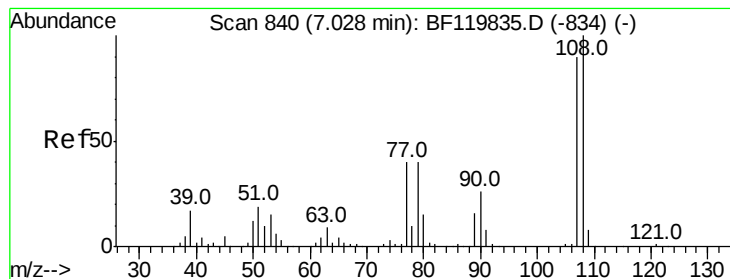


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.601 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

Tot Ion:107 Resp: 228107

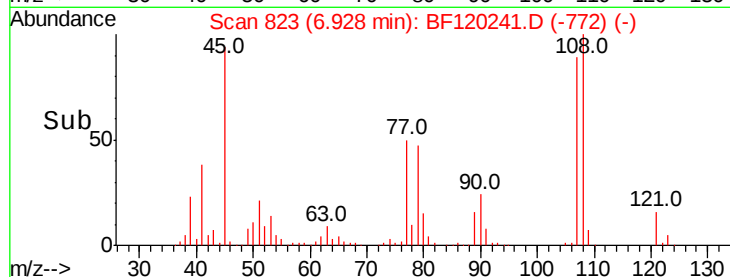
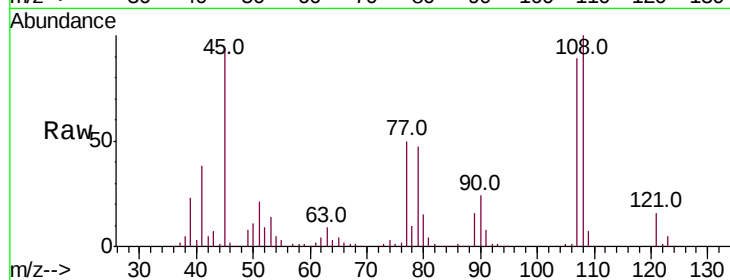
Ion Ratio Lower Upper

107 100

108 112.1 92.2 138.4

77 56.4 36.6 54.8#

79 52.7 36.2 54.4



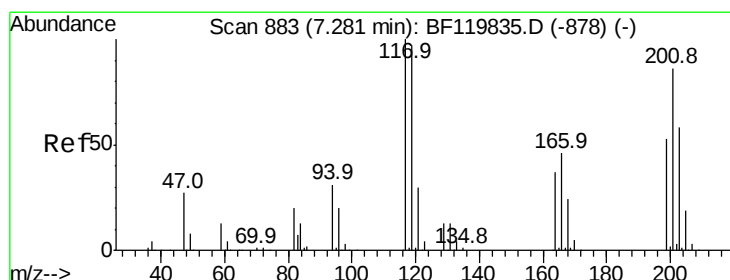
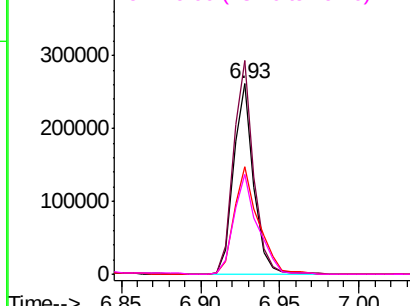
Abundance

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: 43.002 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

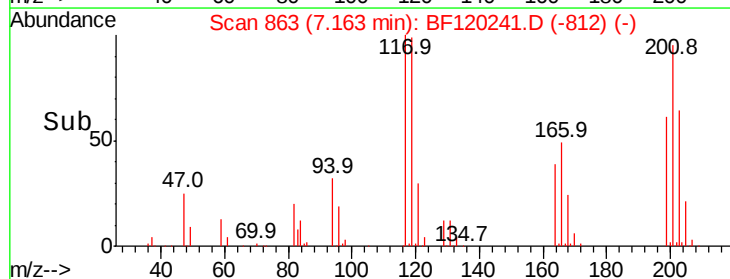
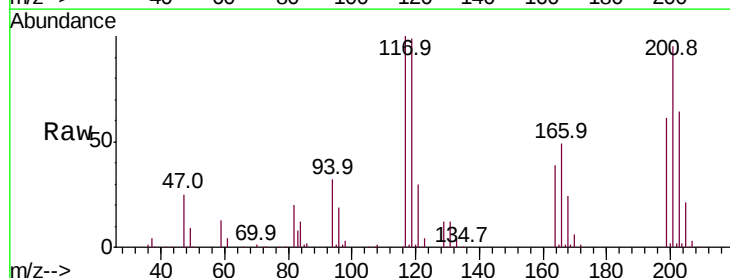
Tgt Ion:117 Resp: 112834

Ion Ratio Lower Upper

117 100

119 99.4 76.1 114.1

201 95.1 73.0 109.6

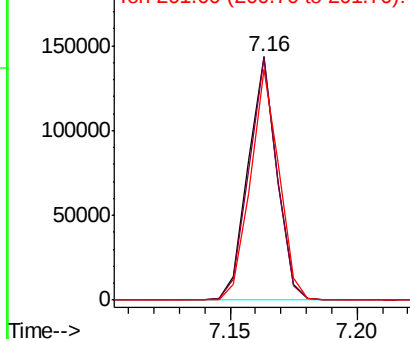


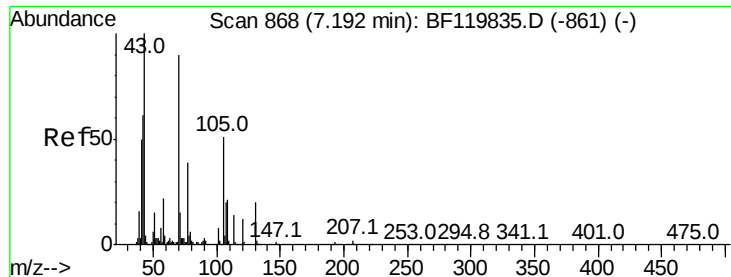
Abundance

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

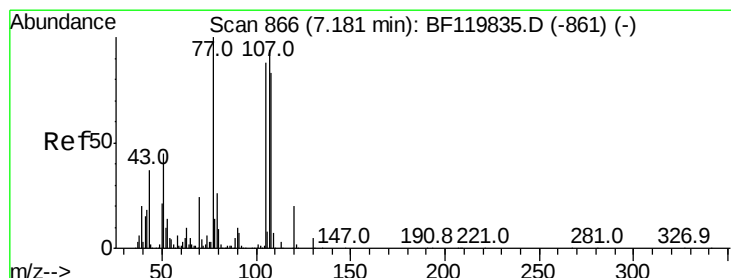
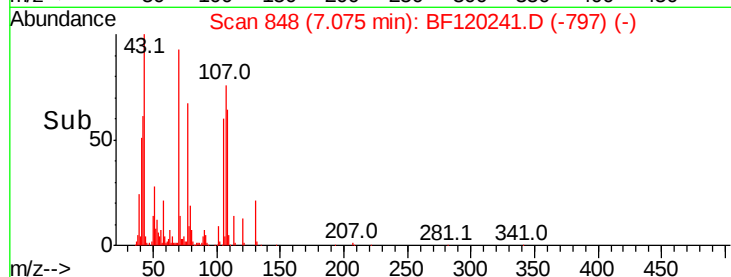
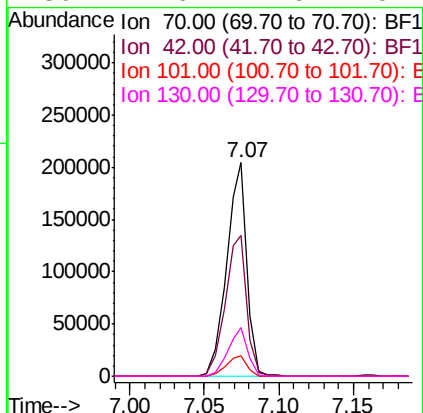
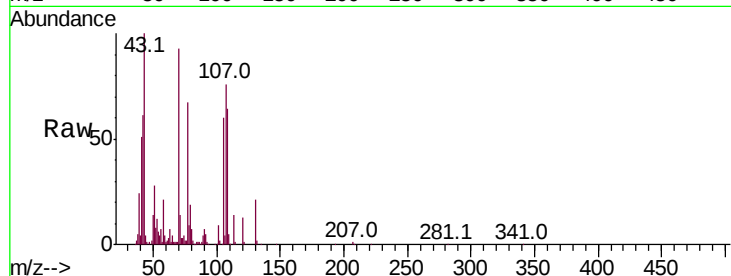




#19
n-Nitroso-di-n-propylamine
Concen: 41.930 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

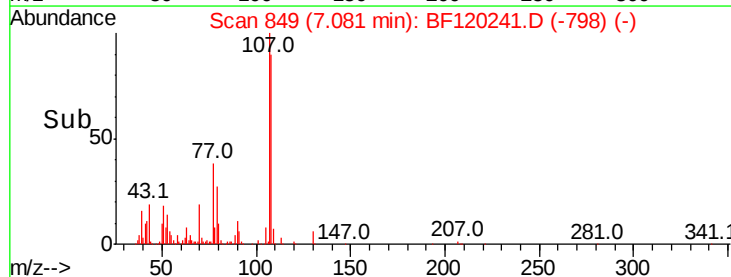
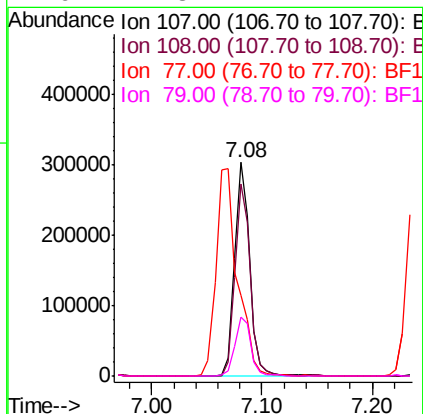
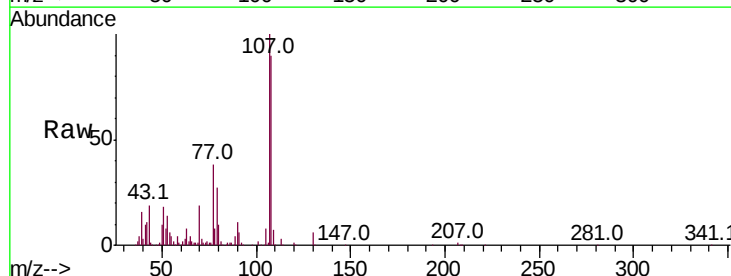
Instrument :
BNA_F
ClientSampleId :
PB128574BS

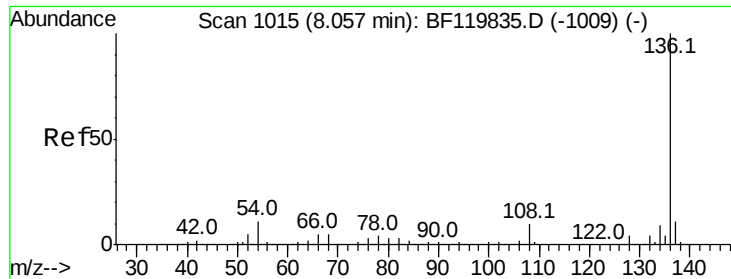
Tot Ion:	70	Resp:	195762
Ion	Ratio	Lower	Upper
70	100		
42	65.8	54.5	81.7
101	9.5	7.6	11.4
130	22.6	17.6	26.4



#20
3+4-Methylphenols
Concen: 42.867 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion:	107	Resp:	294553
Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.9	107.9
77	37.9	52.9	92.9#
79	27.3	7.7	47.7

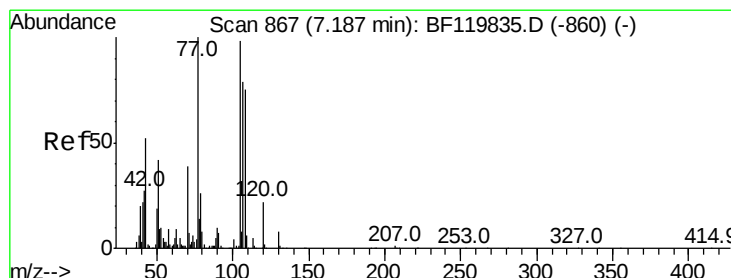
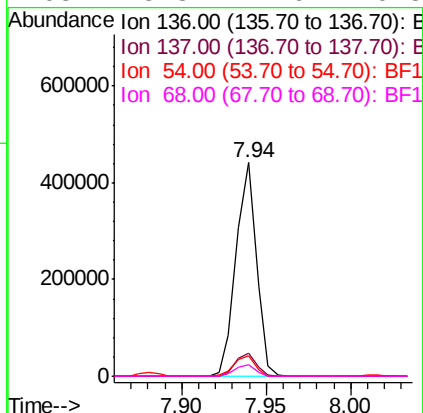
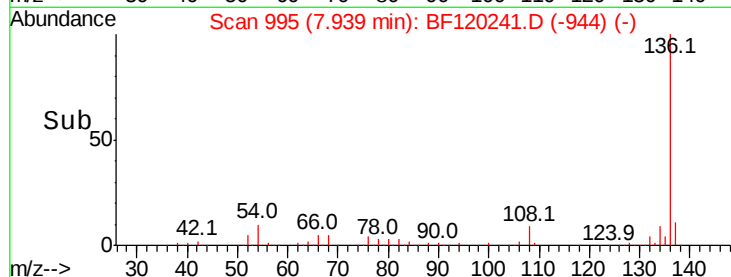
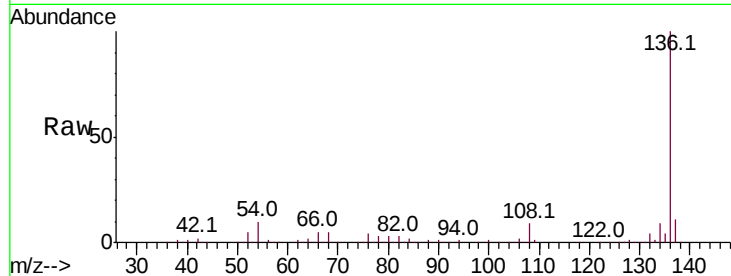




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

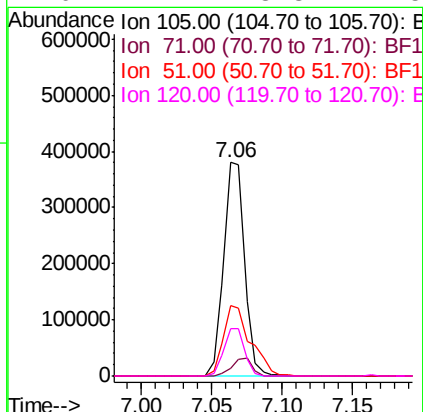
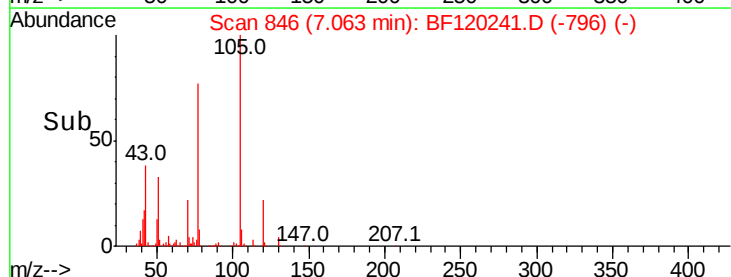
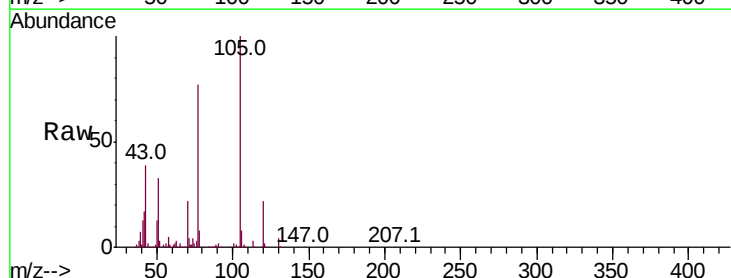
Instrument :
BNA_F
ClientSampleId :
PB128574BS

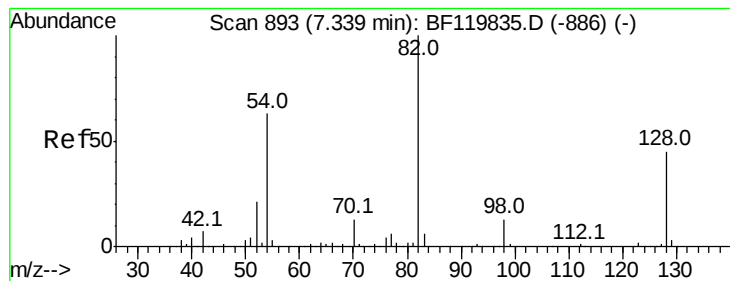
Tot Ion:	136	Resp:	371923
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.7	9.1	13.7
68	5.3	4.6	6.8



#22
Acetophenone
Concen: 45.247 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion:	105	Resp:	394065
Ion	Ratio	Lower	Upper
105	100		
71	3.8	5.7	8.5#
51	32.7	26.2	39.4
120	22.2	18.3	27.5





#23

Nitrobenzene-d5

Concen: 79.043 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

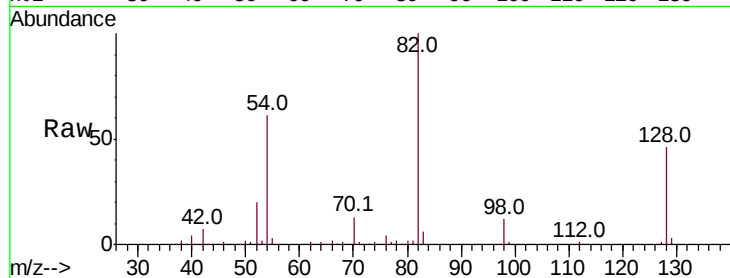
Tot Ion: 82 Resp: 568255

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

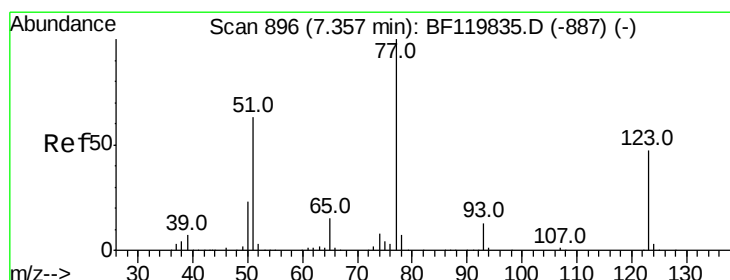
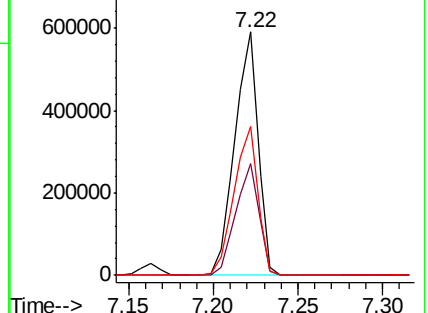
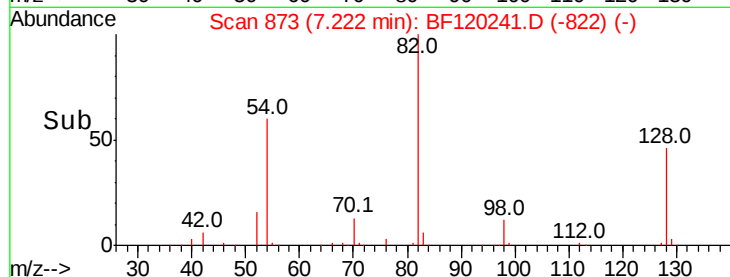
54 61.4 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 41.619 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

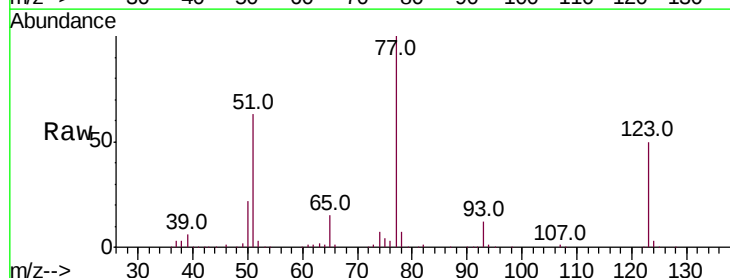
Tgt Ion: 77 Resp: 300992

Ion Ratio Lower Upper

77 100

123 49.5 38.0 57.0

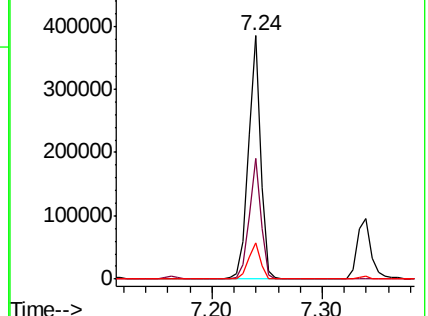
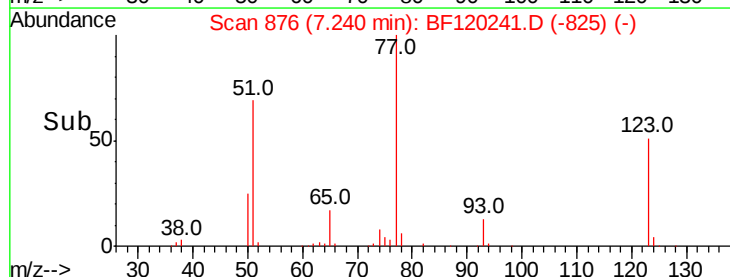
65 15.0 12.6 18.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

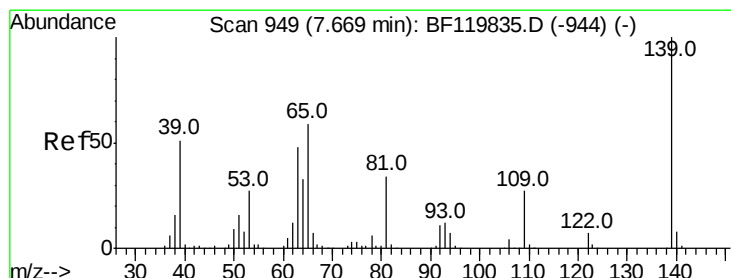
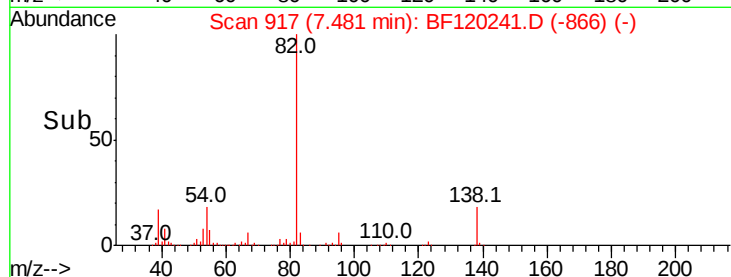
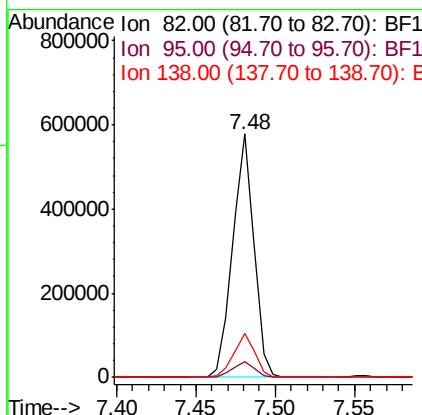
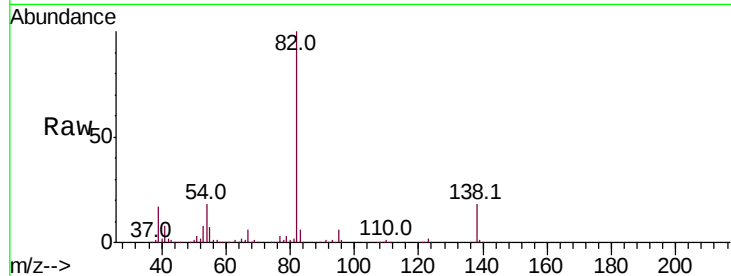




#25
Isophorone
Concen: 39.072 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

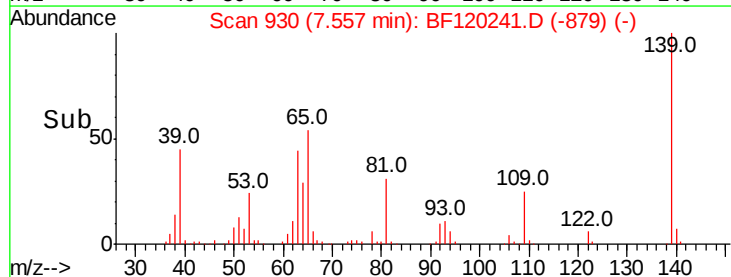
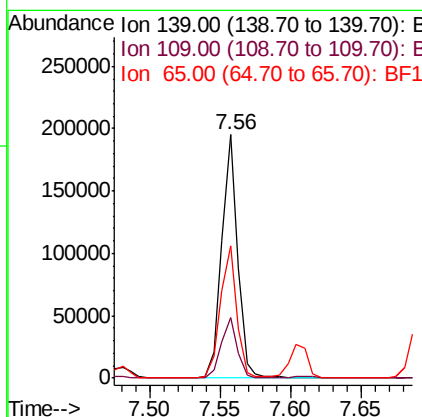
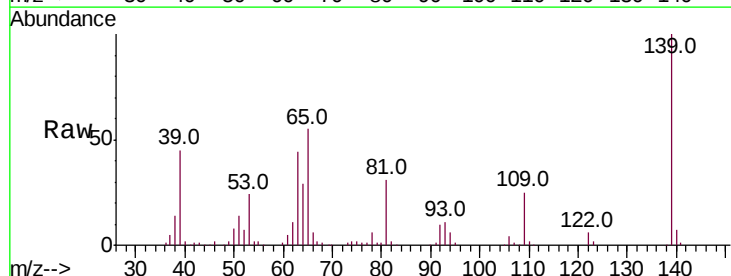
Instrument :
BNA_F
ClientSampleId :
PB128574BS

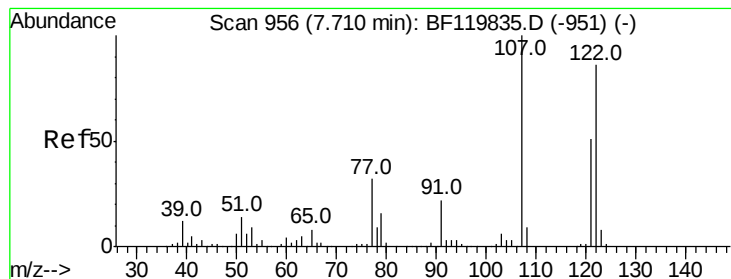
Tot Ion	82	Resp	541483
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.8	8.6
138	17.9	14.6	21.8



#26
2-Nitrophenol
Concen: 42.610 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	139	Resp	153957
Ion Ratio	Lower	Upper	
139	100		
109	24.7	22.1	33.1
65	54.5	49.2	73.8





#27

2,4-Dimethylphenol

Concen: 43.380 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

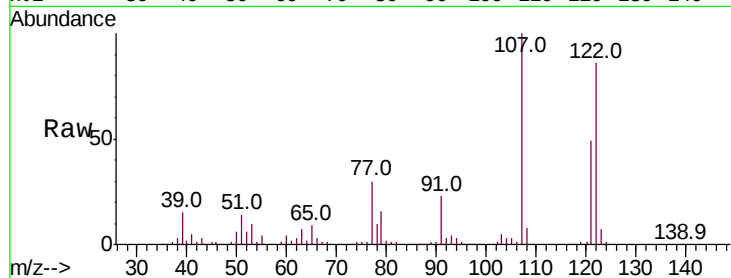
Tot Ion:122 Resp: 236391

Ion Ratio Lower Upper

122 100

107 116.6 89.0 133.6

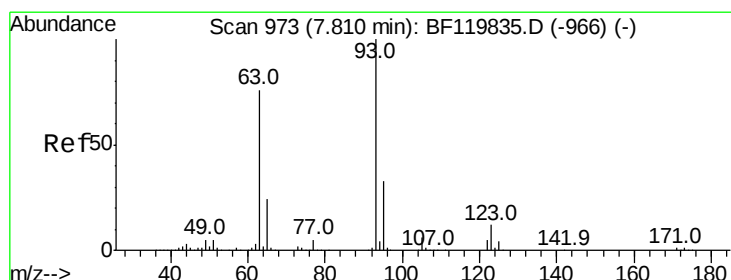
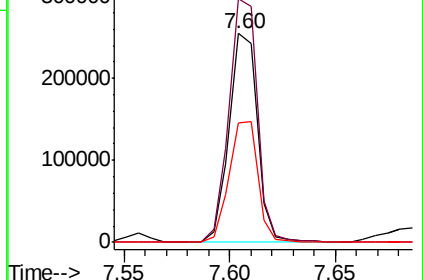
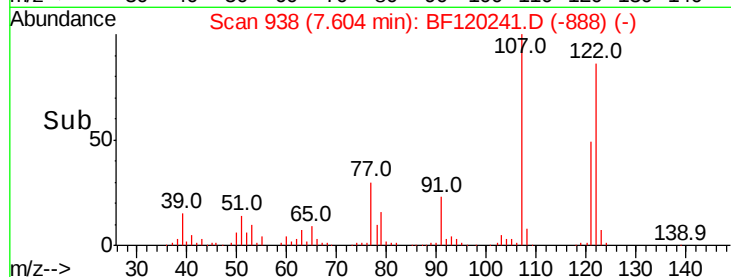
121 57.1 46.7 70.1



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: 41.335 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

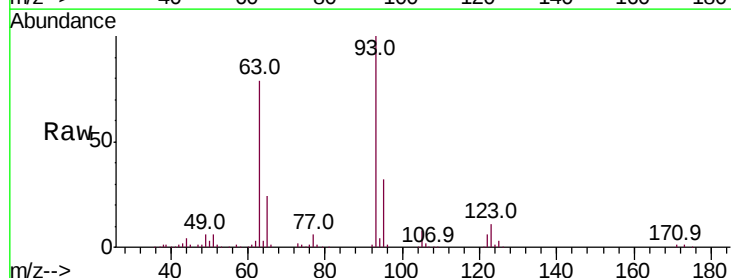
Tgt Ion: 93 Resp: 337090

Ion Ratio Lower Upper

93 100

95 31.5 26.3 39.5

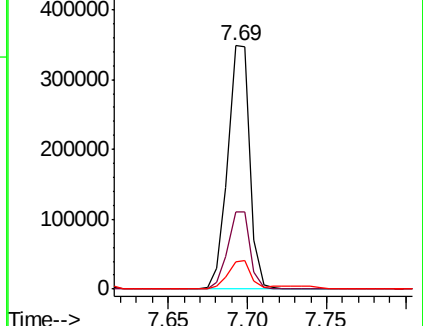
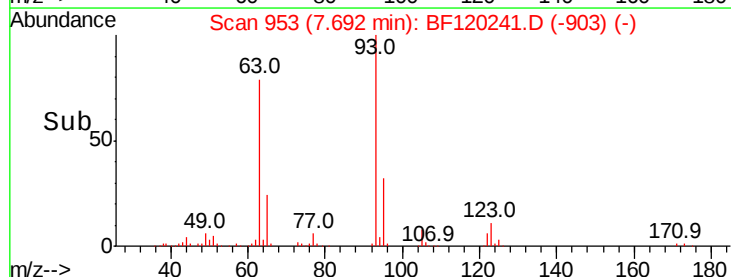
123 11.3 9.7 14.5

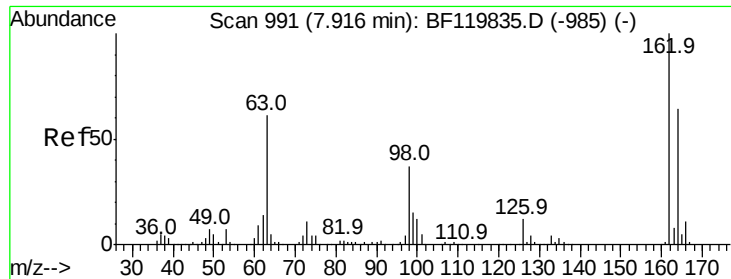


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

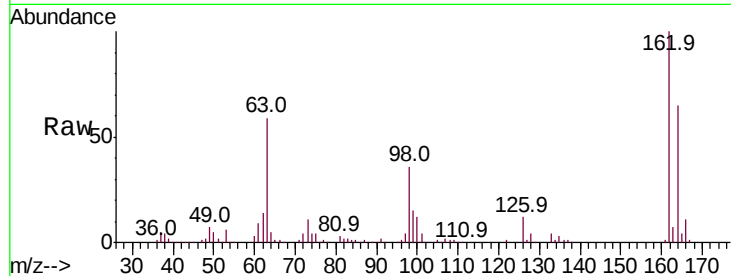




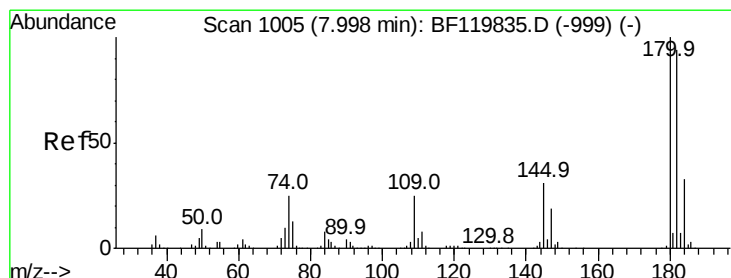
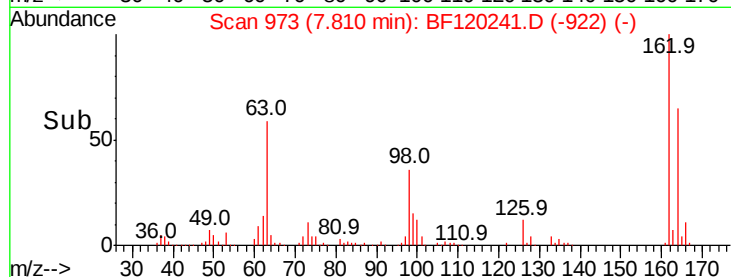
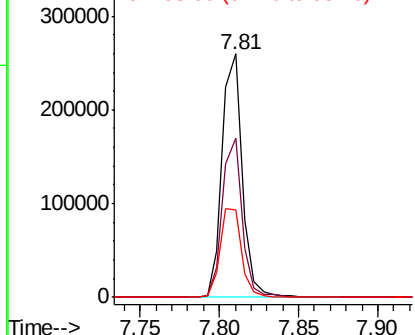
#29
 2,4-Dichlorophenol
 Concen: 41.019 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.7	84.7
98	36.0	20.7	60.7

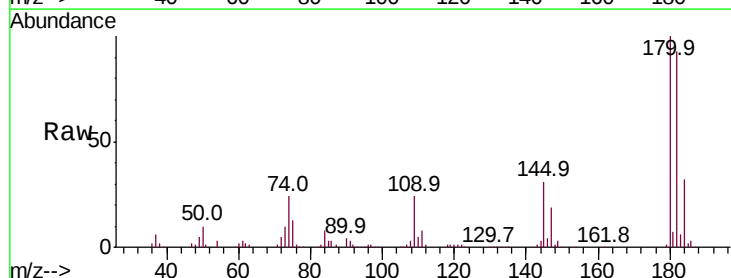


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

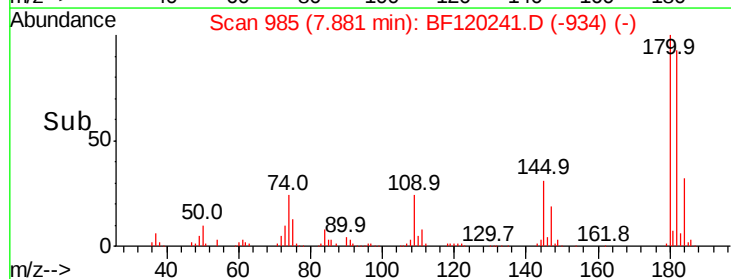
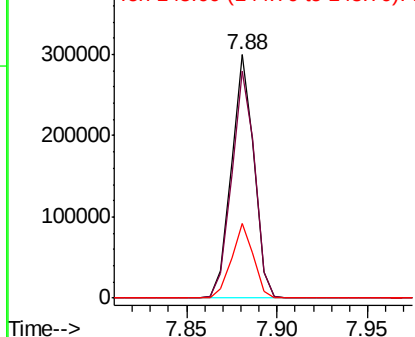


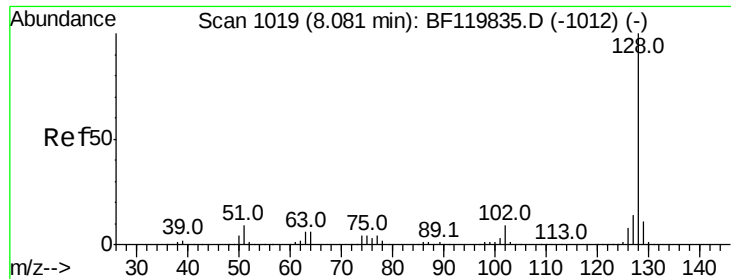
#30
 1,2,4-Trichlorobenzene
 Concen: 40.845 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	74.7	112.1
145	30.7	24.5	36.7



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

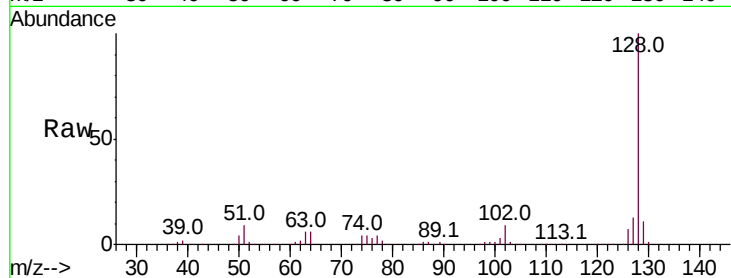




#31
Naphthalene
Concen: 42.048 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	12.9	11.3	16.9

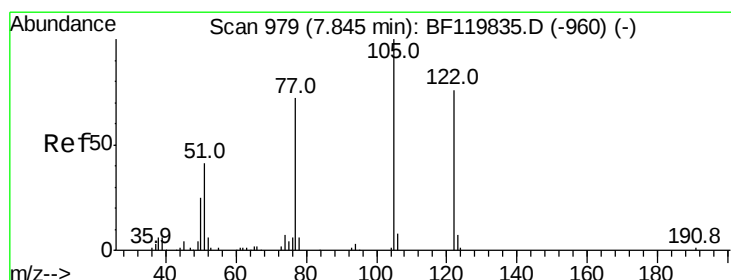
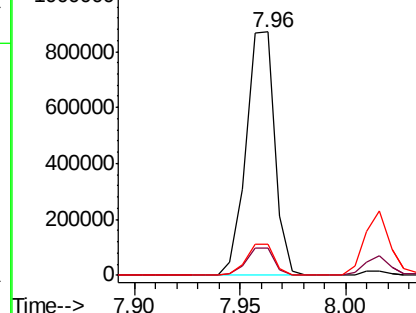
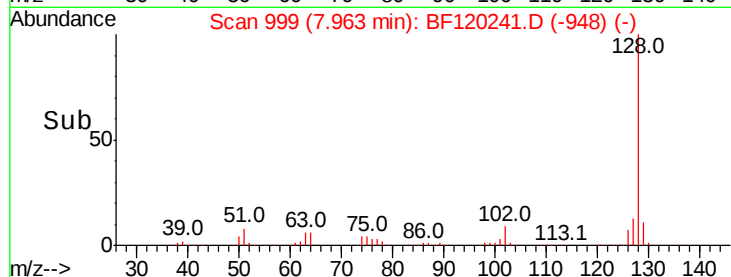


Abundance

Ion 128.00 (127.70 to 128.70): E

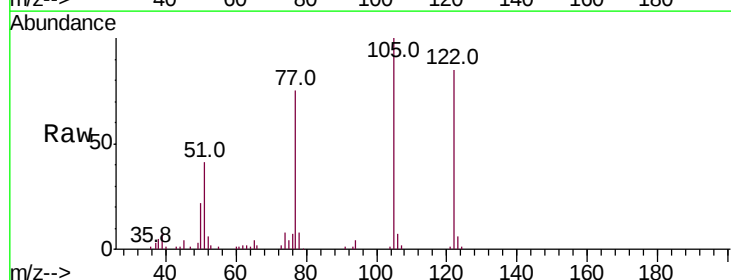
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 33.818 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.1	104.9	144.9
77	88.2	74.4	114.4

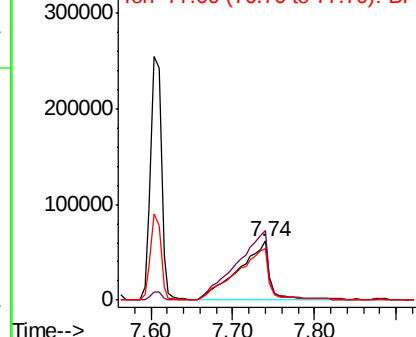
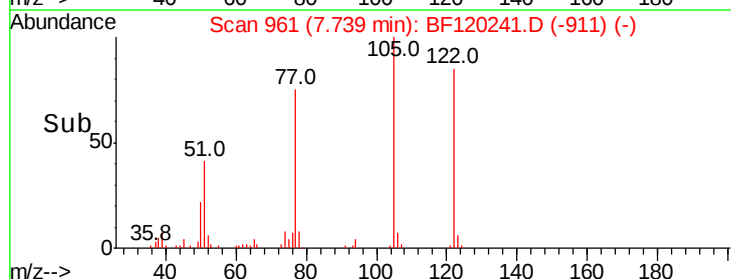


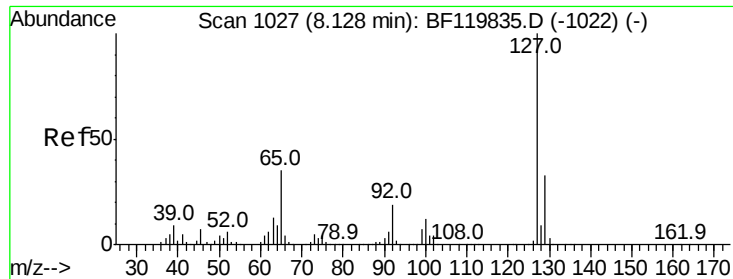
Abundance

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

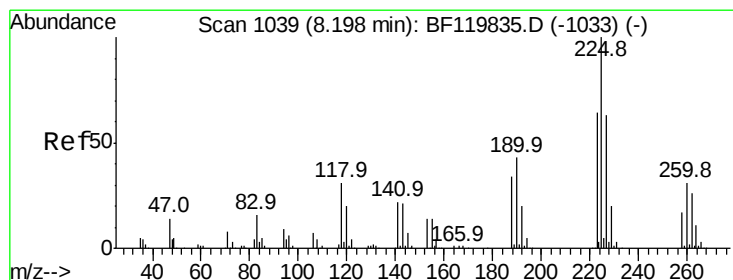
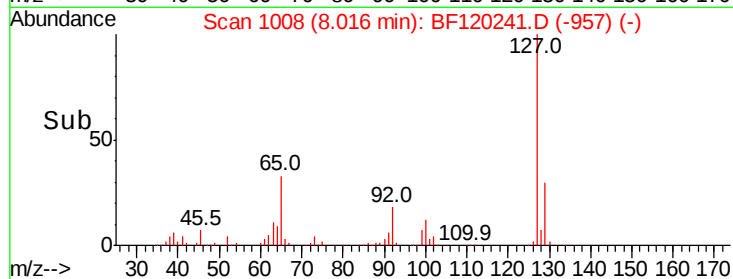
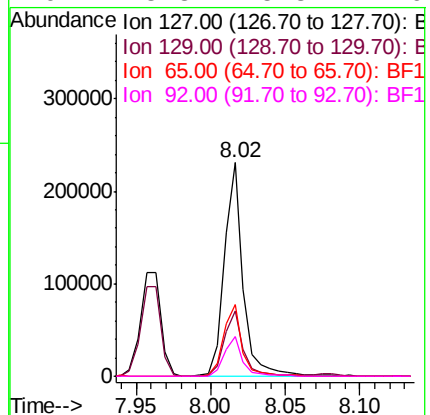
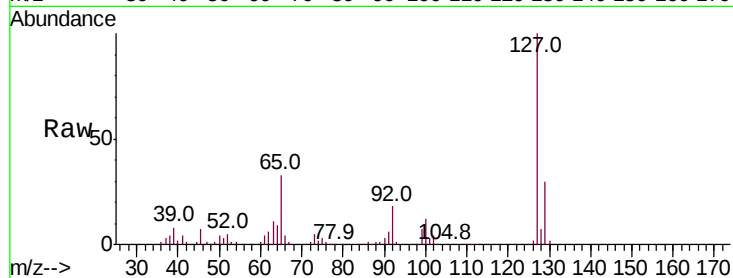




#33
4-Chloroaniline
Concen: 23.754 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

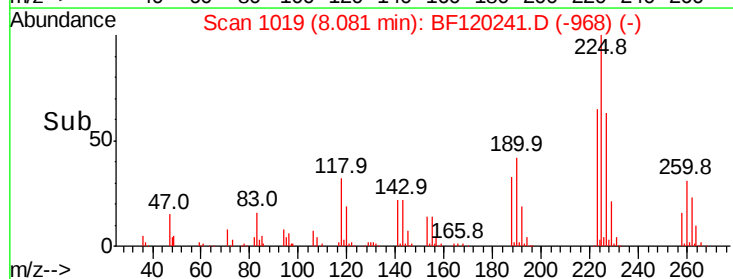
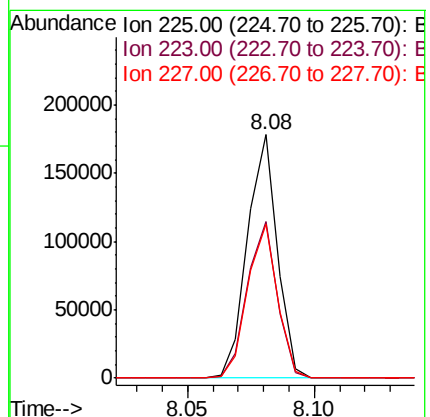
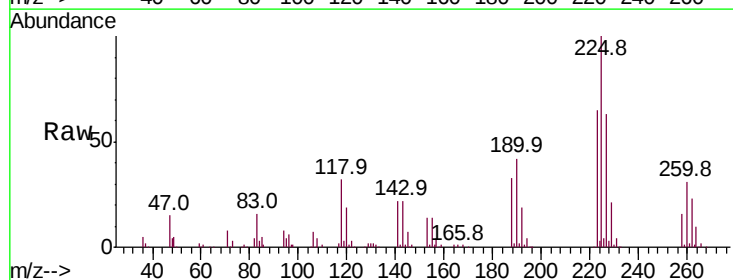
Instrument :
BNA_F
ClientSampleId :
PB128574BS

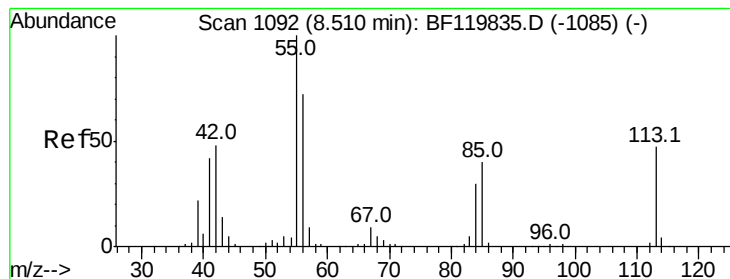
Tot Ion:	127	Resp:	202351
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.2	39.4
65	33.4	27.4	41.0
92	18.3	15.3	22.9



#34
Hexachlorobutadiene
Concen: 38.605 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion:	225	Resp:	146257
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.0	76.6
227	63.5	50.7	76.1





#35

Caprolactam

Concen: 24.414 ng

RT: 8.39 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

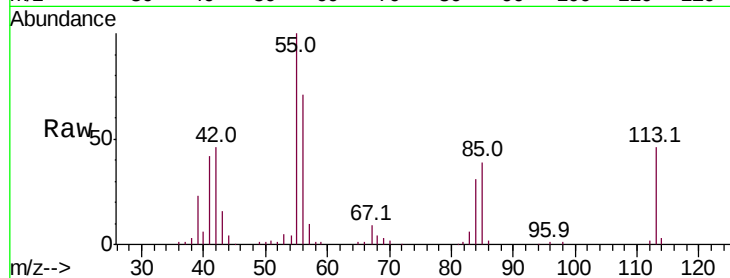
Tot Ion:113 Resp: 41714

Ion Ratio Lower Upper

113 100

55 215.7 218.4 258.4#

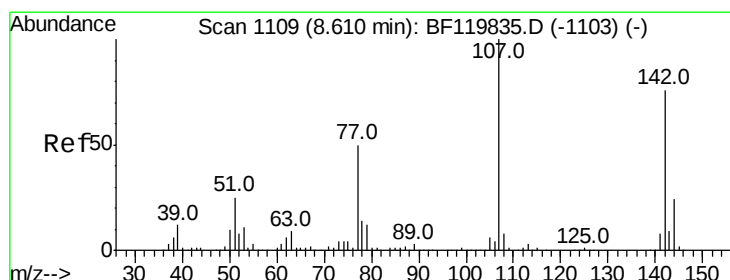
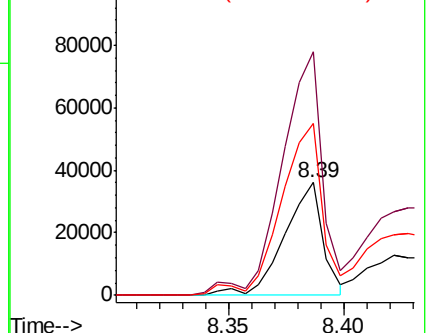
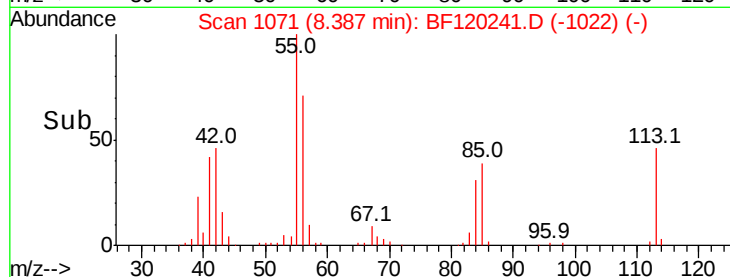
56 152.4 148.9 188.9



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: 42.318 ng

RT: 8.52 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

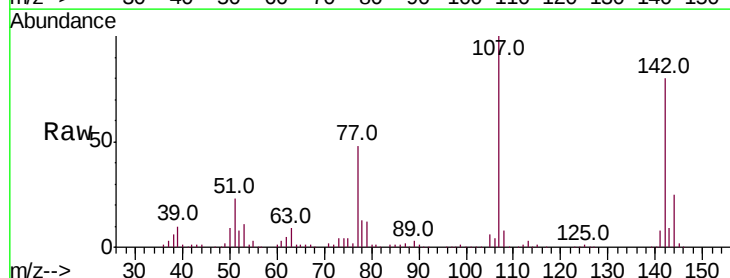
Tgt Ion:107 Resp: 255911

Ion Ratio Lower Upper

107 100

144 25.2 21.0 31.6

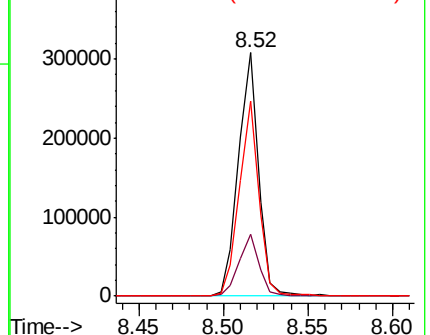
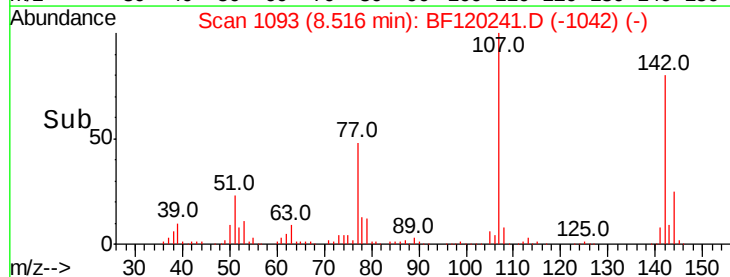
142 80.3 64.4 96.6

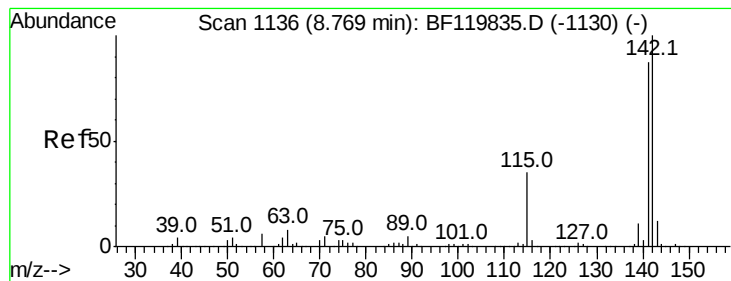


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.159 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

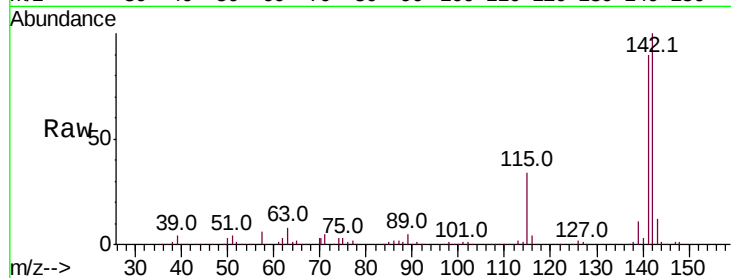
Tot Ion:142 Resp: 546028

Ion Ratio Lower Upper

142 100

141 90.3 71.7 107.5

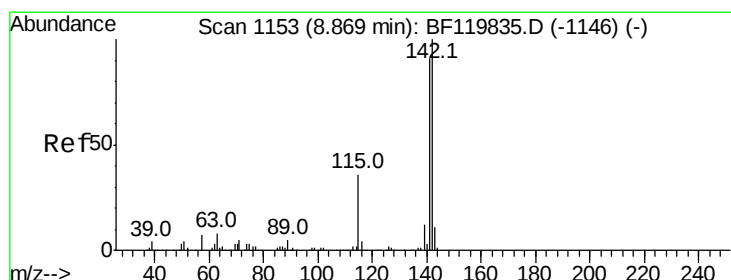
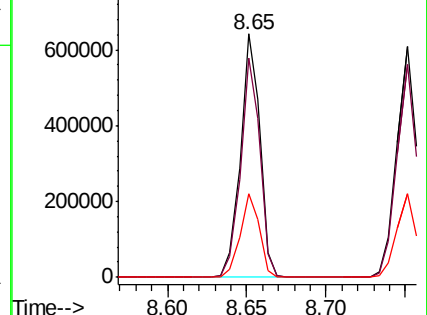
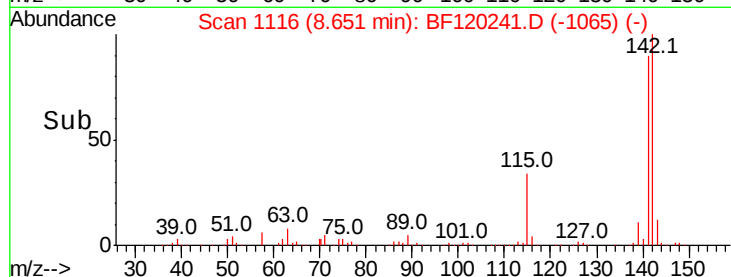
115 34.4 27.9 41.9



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: 41.592 ng

RT: 8.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

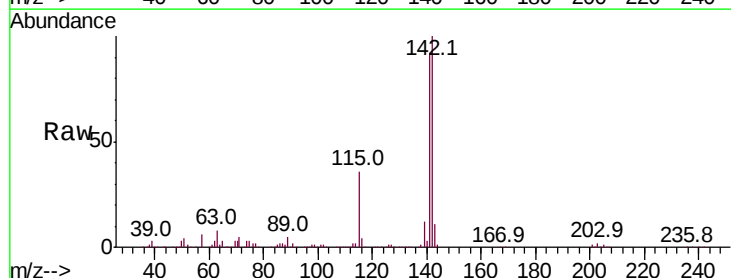
Tgt Ion:142 Resp: 520073

Ion Ratio Lower Upper

142 100

141 92.3 73.7 110.5

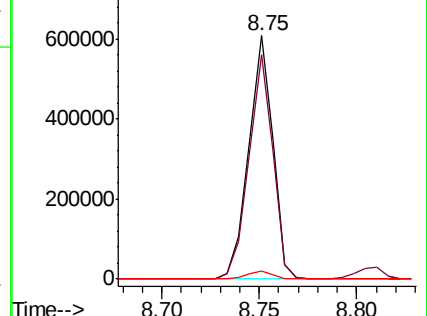
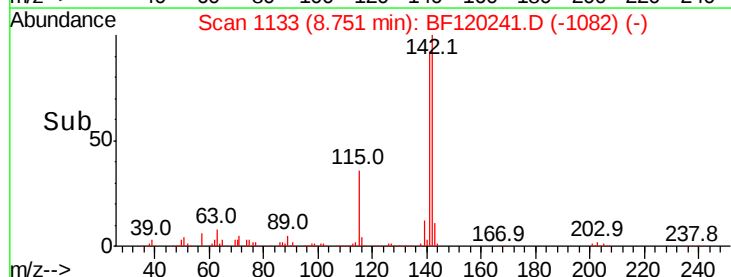
116 3.6 3.0 4.6

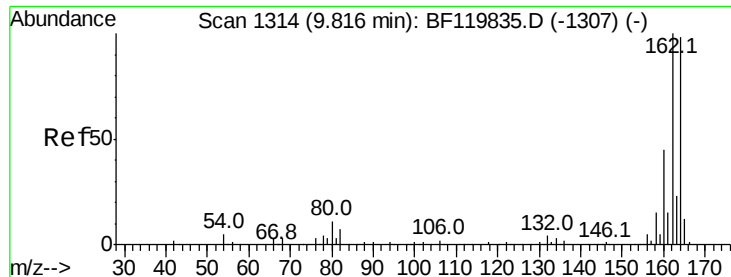


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampled :

PB128574BS

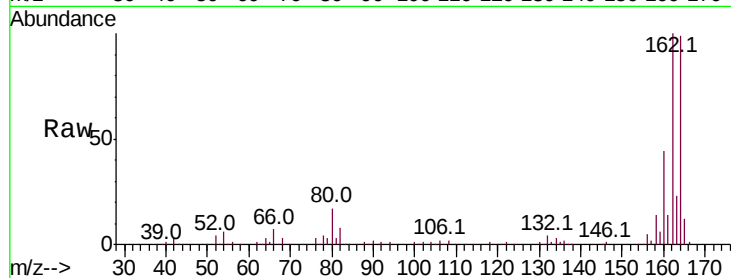
Tot Ion:164 Resp: 193497

Ion Ratio Lower Upper

164 100

162 101.3 80.6 121.0

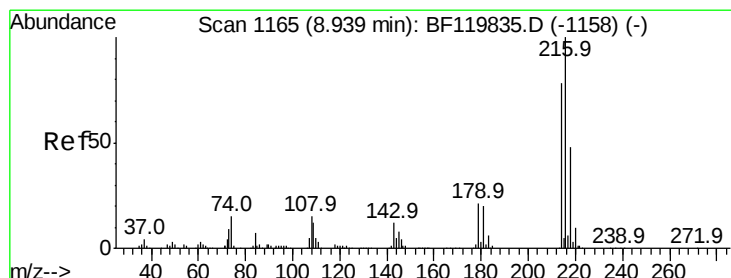
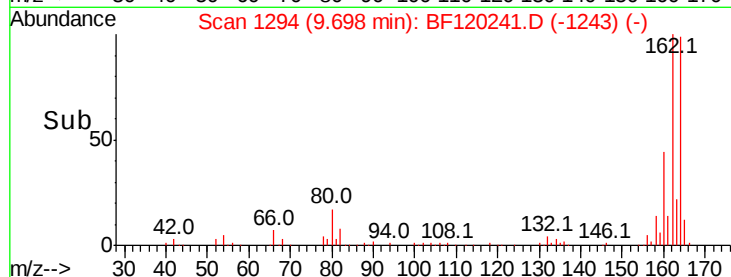
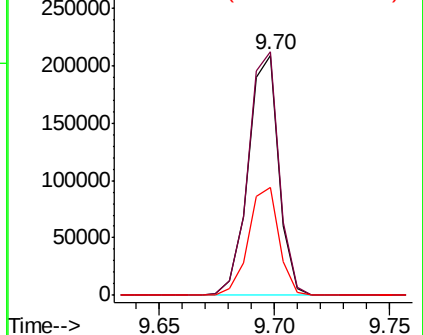
160 45.0 35.7 53.5



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: 40.707 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Tgt Ion:216 Resp: 248777

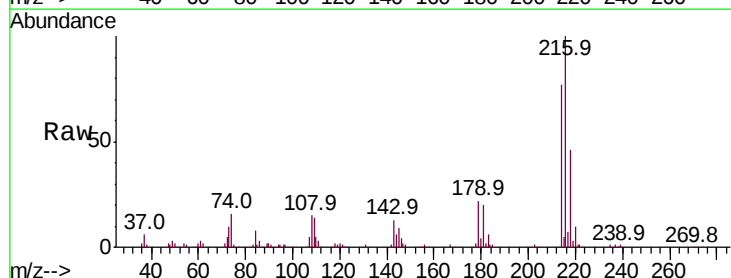
Ion Ratio Lower Upper

216 100

214 79.0 63.2 94.8

179 21.6 17.1 25.7

108 18.6 15.1 22.7

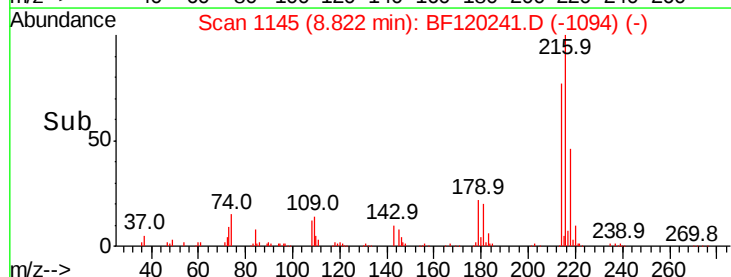
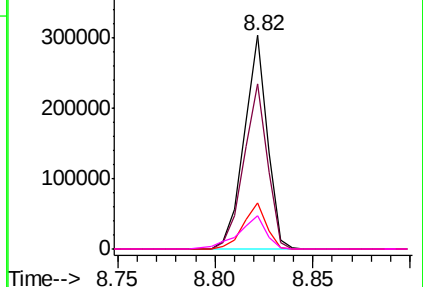


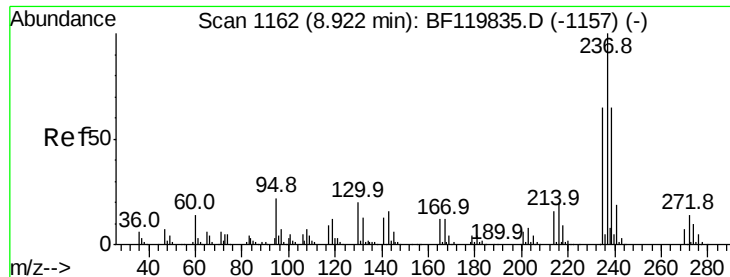
Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.013 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

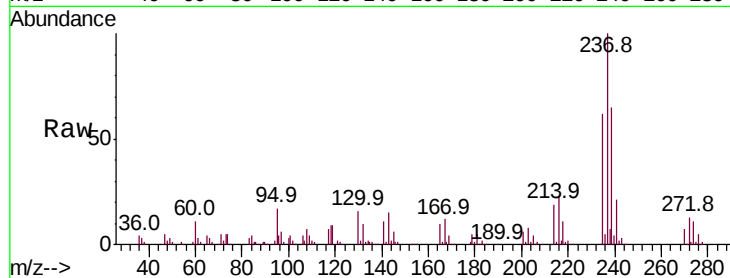
Tot Ion:237 Resp: 222457

Ion Ratio Lower Upper

237 100

235 61.5 43.2 83.2

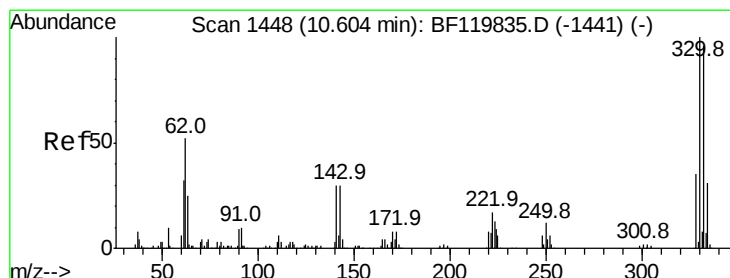
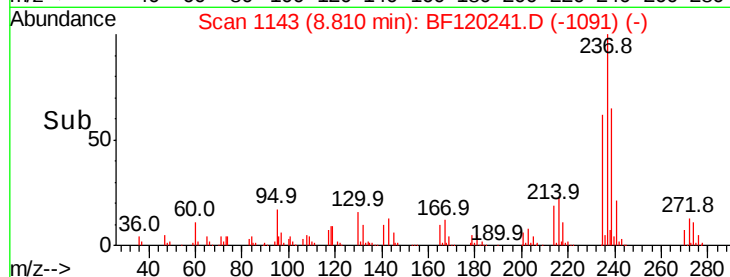
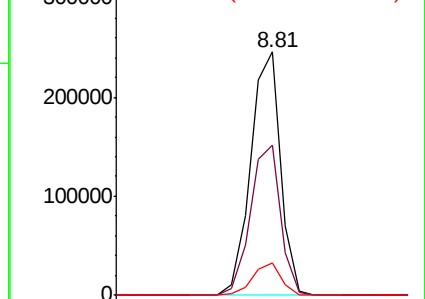
272 13.4 0.0 34.1



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: 104.064 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

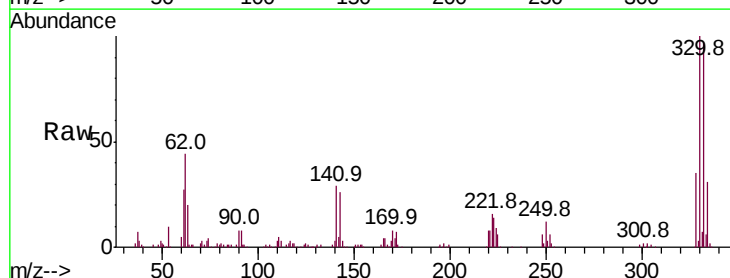
Tgt Ion:330 Resp: 246534

Ion Ratio Lower Upper

330 100

332 96.3 75.7 113.5

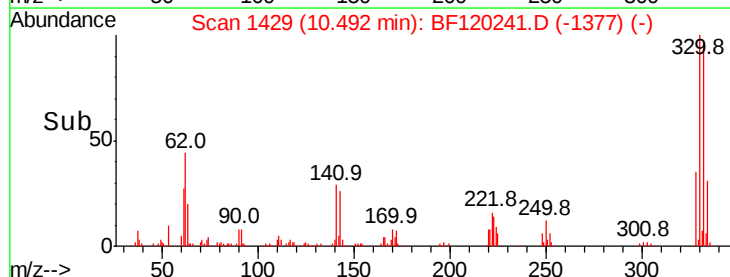
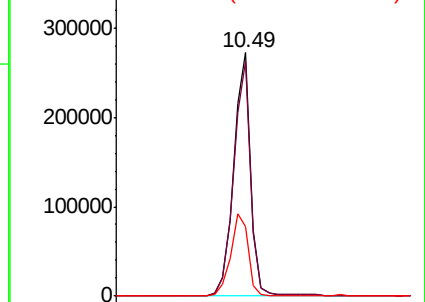
141 34.9 25.4 38.0

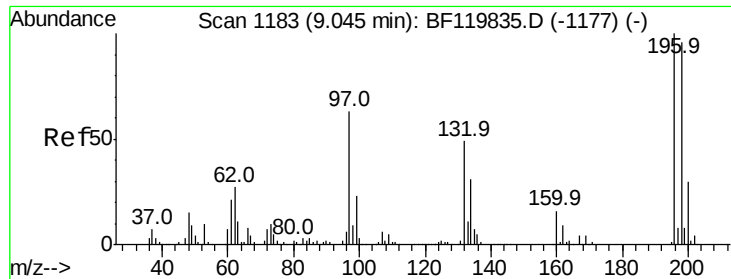


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

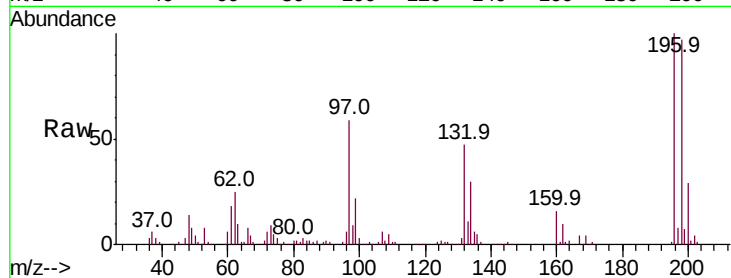




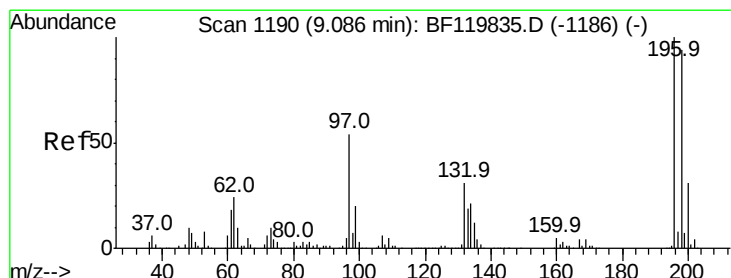
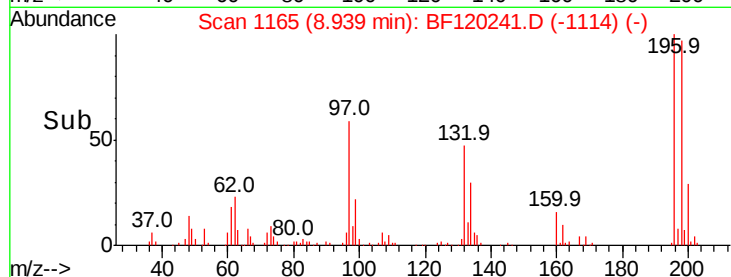
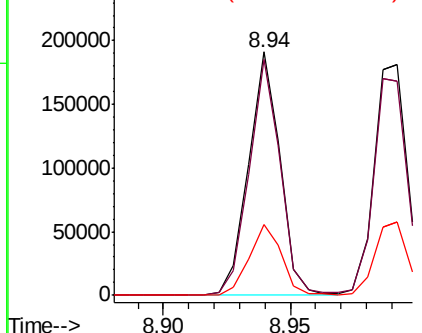
#43
 2,4,6-Trichlorophenol
 Concen: 39.278 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion:196 Resp: 165762
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.6 115.0
 200 29.1 24.6 36.8

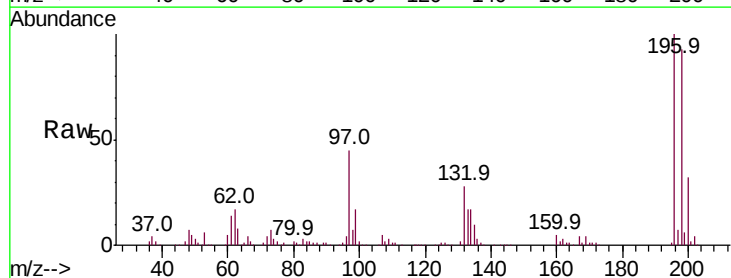


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

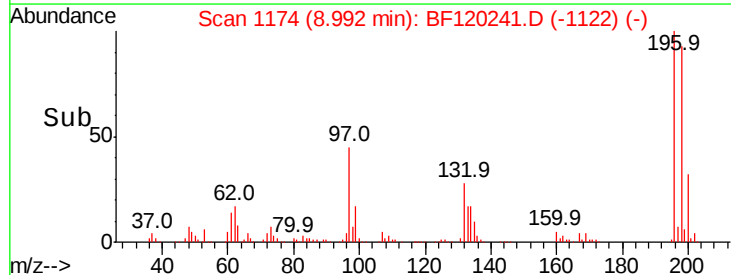
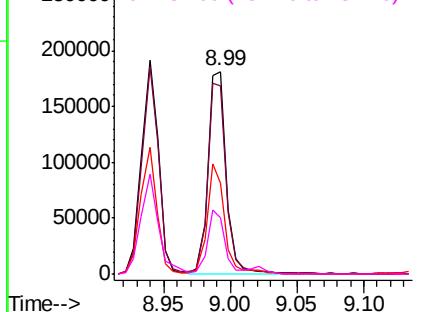


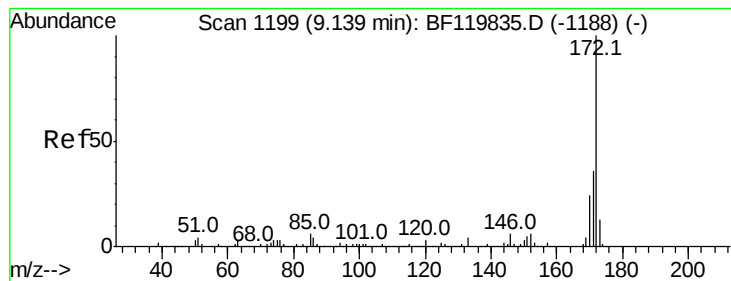
#44
 2,4,5-Trichlorophenol
 Concen: 36.669 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion:196 Resp: 174295
 Ion Ratio Lower Upper
 196 100
 198 92.8 73.8 110.8
 97 44.9 42.6 63.8
 132 27.8 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 81.474 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

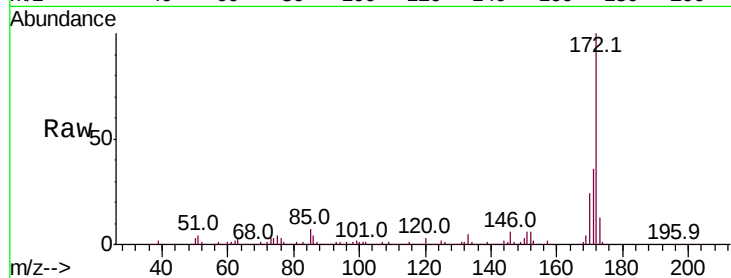
BNA_F

ClientSampleId :

PB128574BS

Tot Ion:172 Resp: 1110382

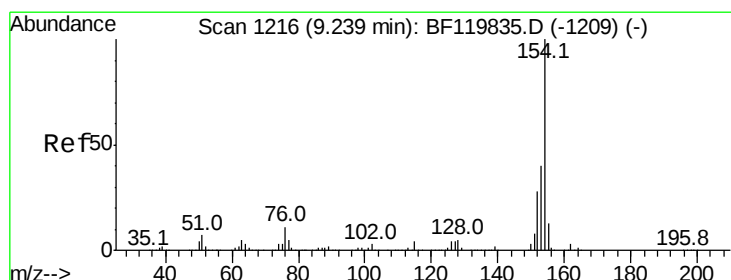
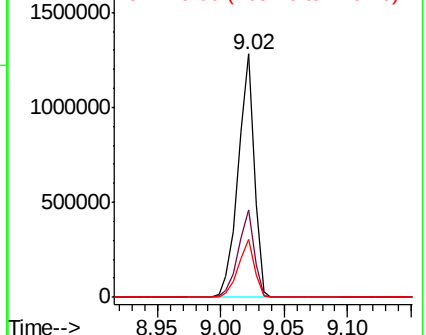
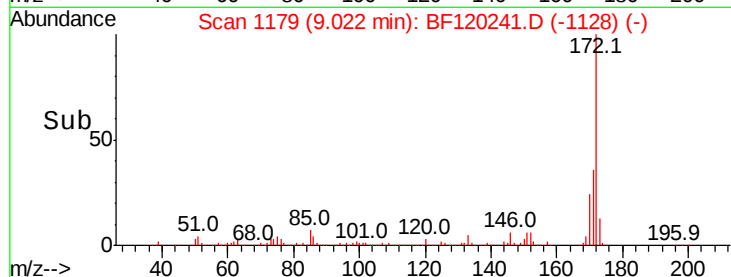
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.1	20.2	30.2



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: 40.798 ng

RT: 9.12 min Scan# 1196

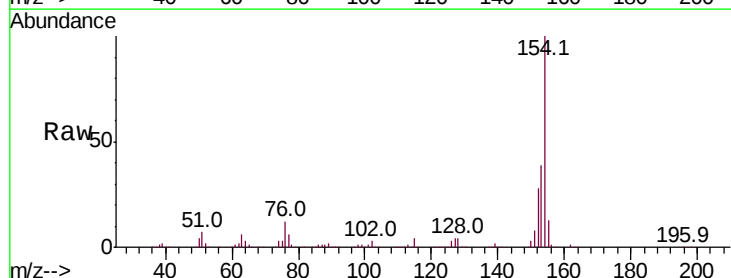
Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Tgt Ion:154 Resp: 666320

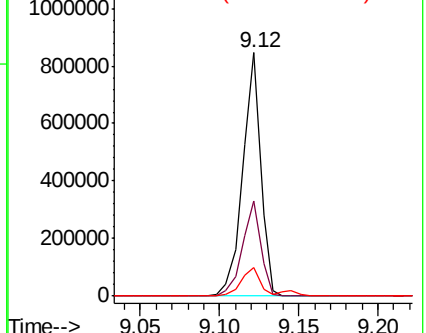
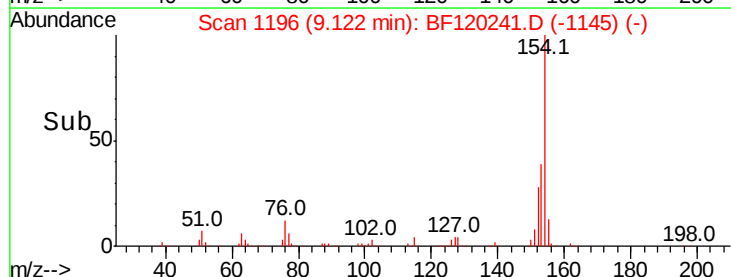
Ion	Ratio	Lower	Upper
154	100		
153	39.1	21.4	61.4
76	11.7	0.0	33.0

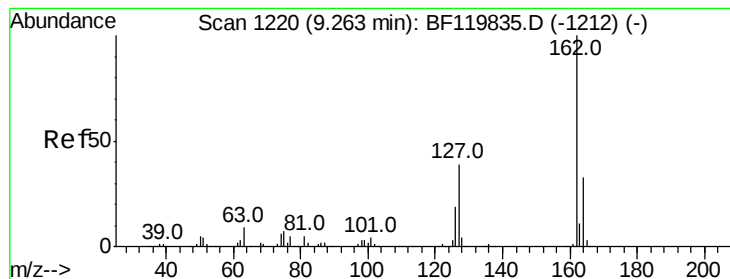


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

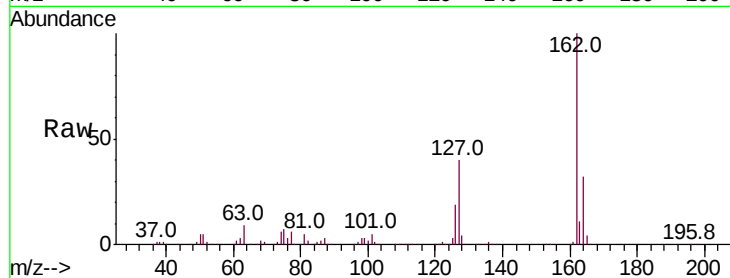




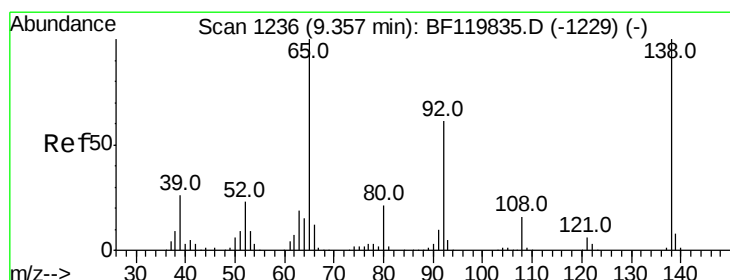
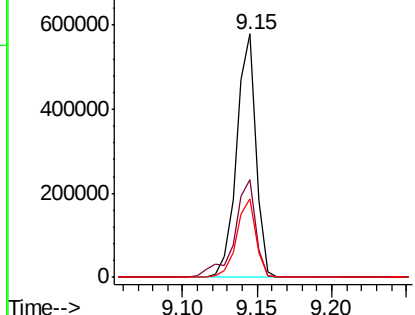
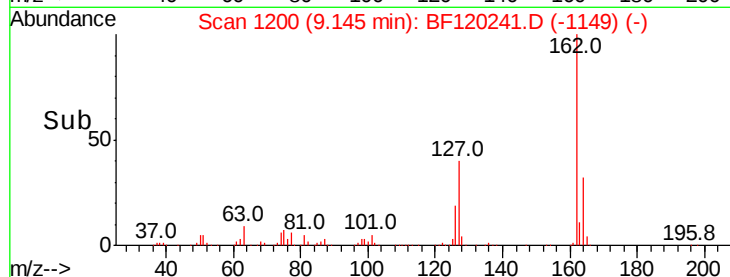
#47
 2-Chloronaphthalene
 Concen: 41.806 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.7	50.5
164	32.3	26.3	39.5

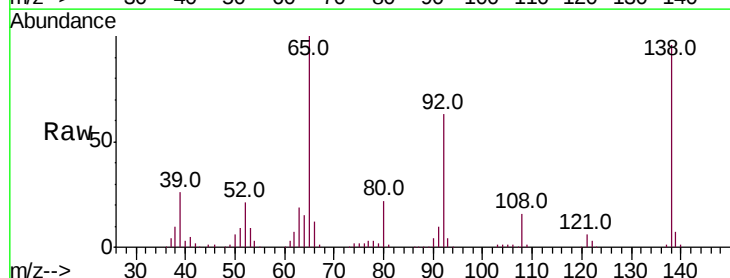


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

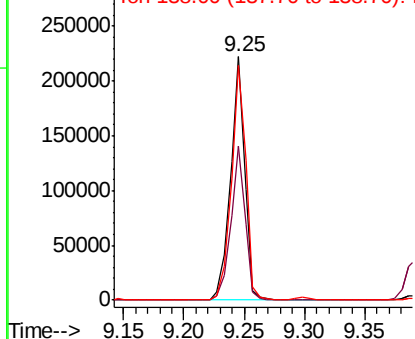
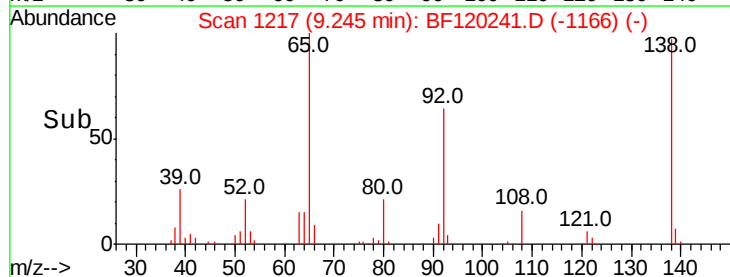


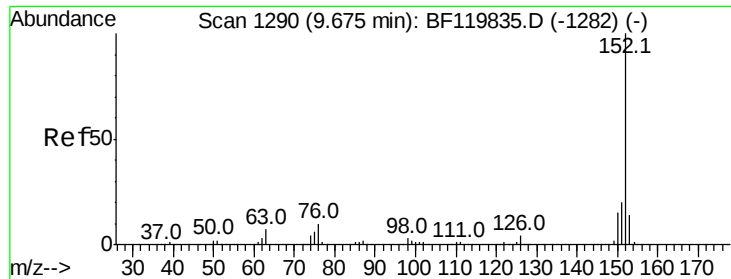
#48
 2-Nitroaniline
 Concen: 39.977 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	50.0	75.0
138	96.2	75.0	112.4



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: 42.538 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

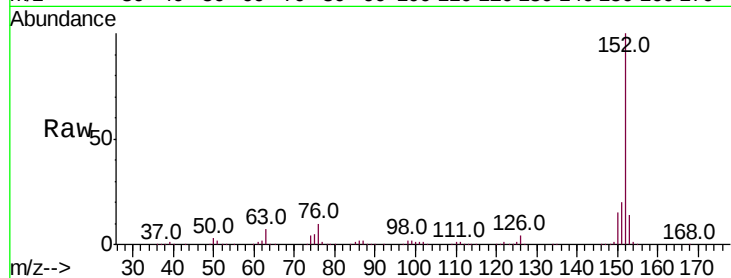
Tot Ion:152 Resp: 813930

Ion Ratio Lower Upper

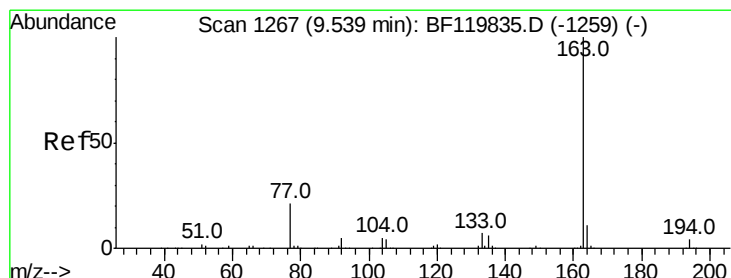
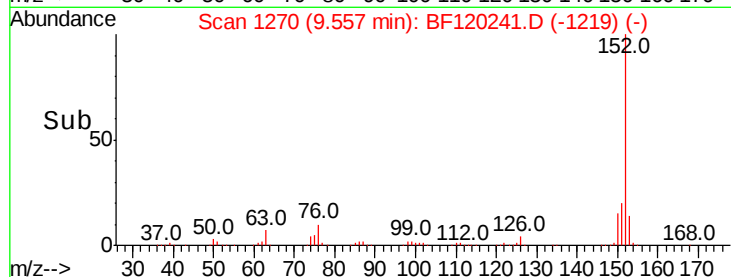
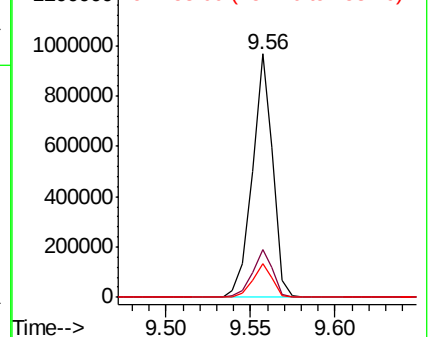
152 100

151 19.9 17.2 25.8

153 13.7 11.2 16.8



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: 40.754 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

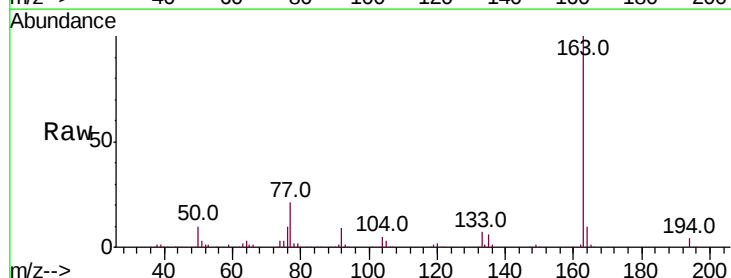
Tgt Ion:163 Resp: 609959

Ion Ratio Lower Upper

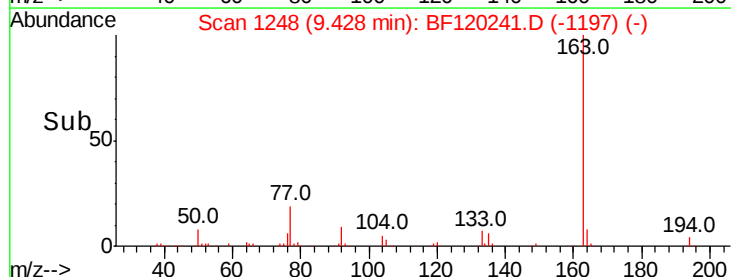
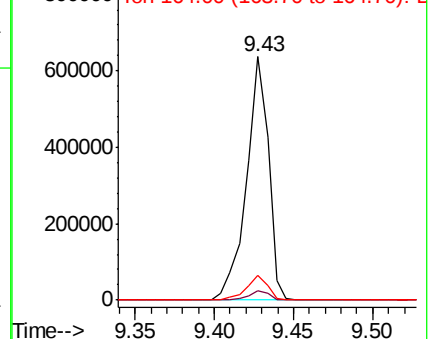
163 100

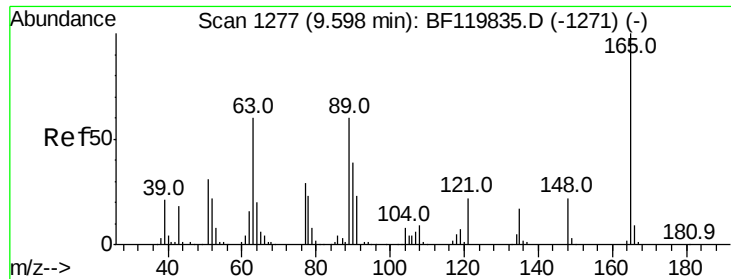
194 4.0 3.1 4.7

164 10.1 8.2 12.2



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

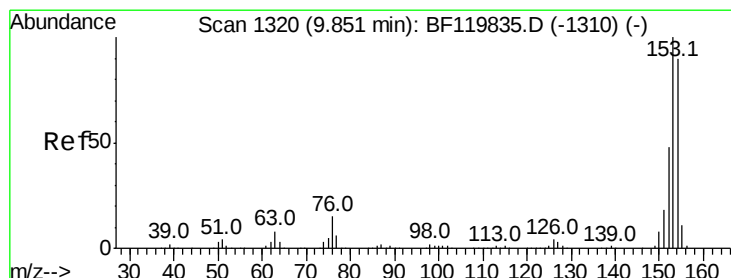
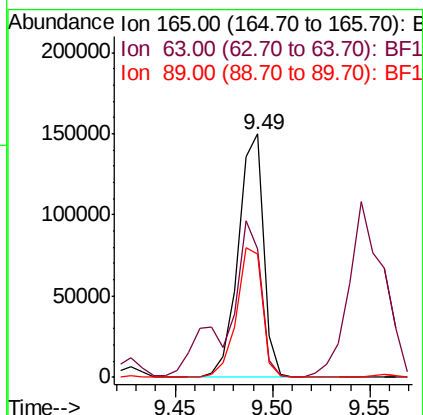
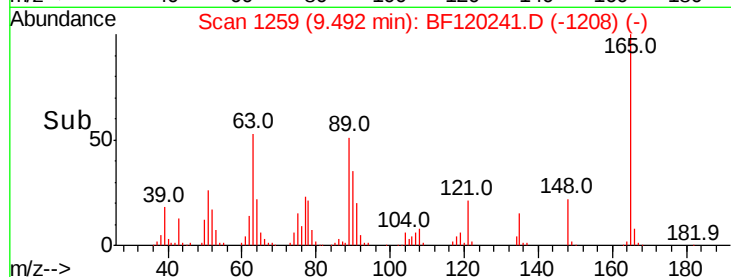
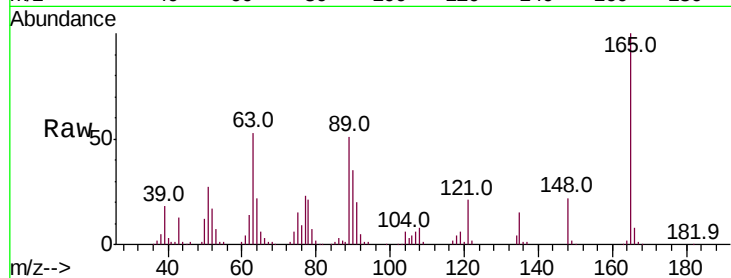




#51
 2,6-Dinitrotoluene
 Concen: 41.085 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

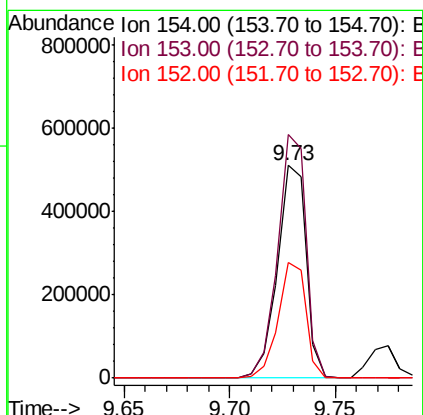
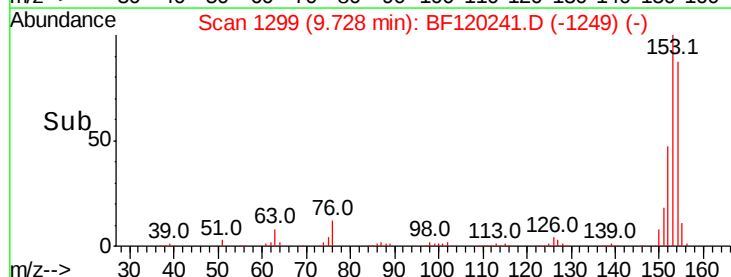
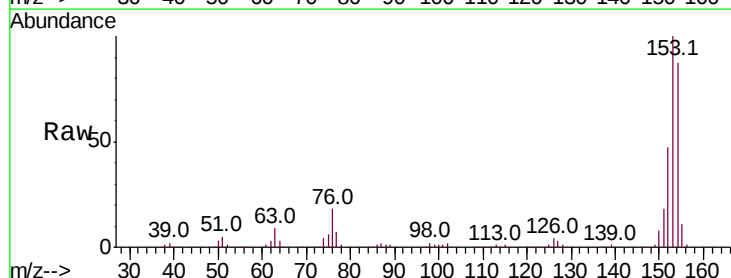
Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

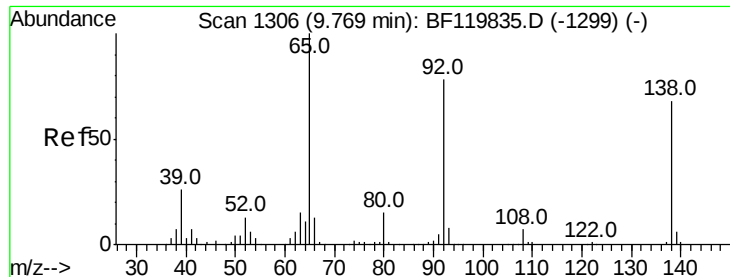
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.0	45.0	67.4
89	50.9	41.5	62.3



#52
 Acenaphthene
 Concen: 37.894 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	88.1	132.1
152	54.2	43.0	64.4

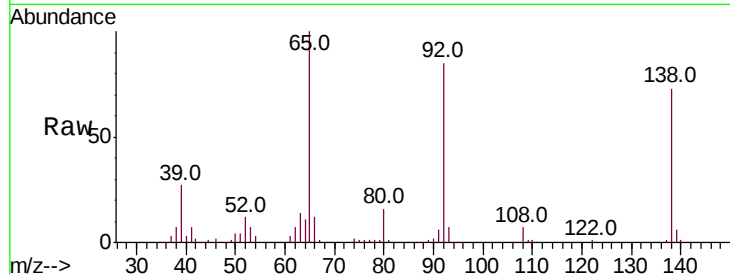




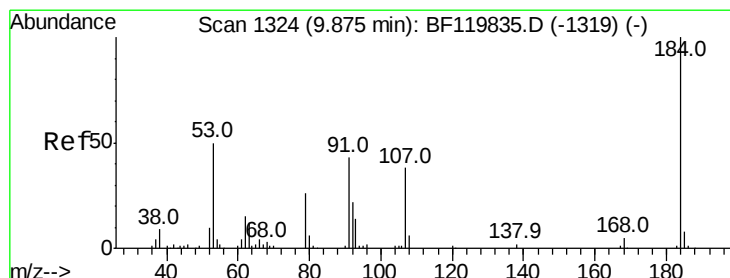
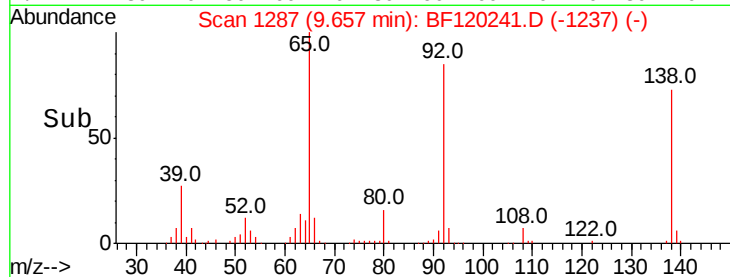
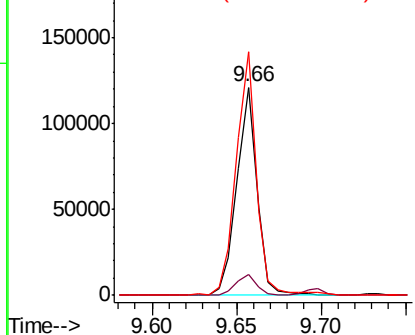
#53
 3-Nitroaniline
 Concen: 26.917 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion:138 Resp: 100754
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.6 13.0
 92 117.1 95.4 143.0

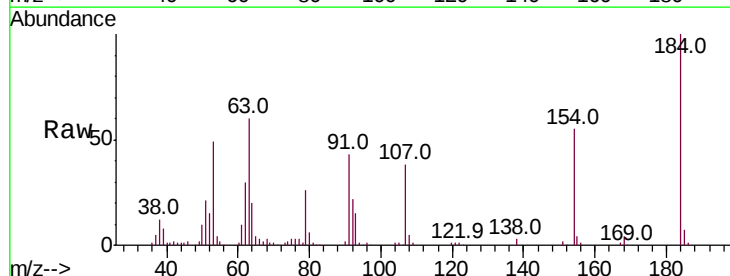


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

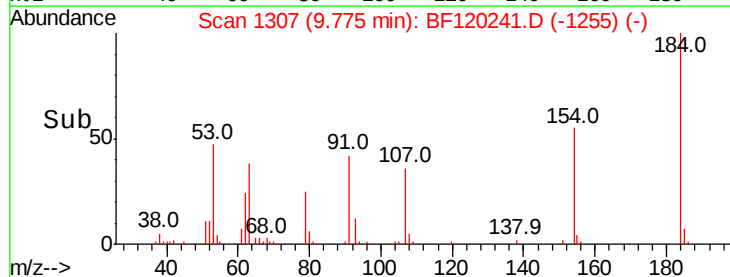
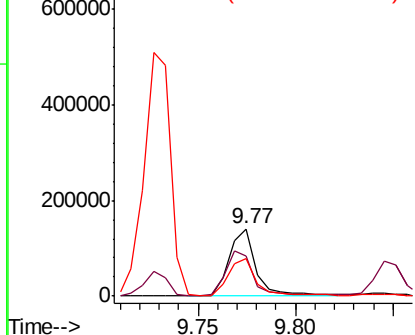


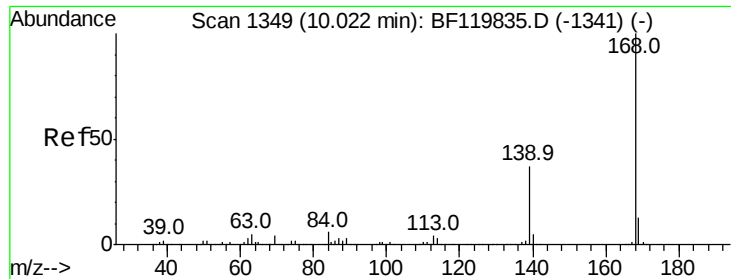
#54
 2,4-Dinitrophenol
 Concen: 69.864 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion:184 Resp: 137089
 Ion Ratio Lower Upper
 184 100
 63 60.0 50.2 75.4
 154 55.2 44.5 66.7



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

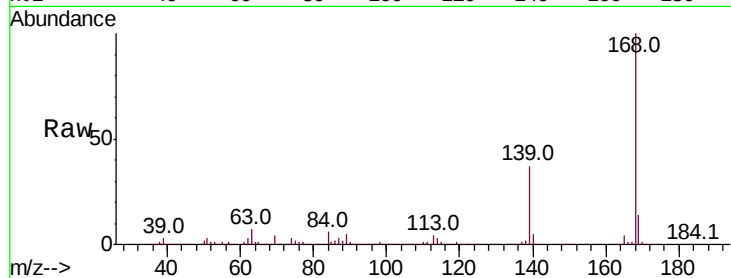




#55
Dibenzofuran
Concen: 42.272 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	13.6	11.0	16.6

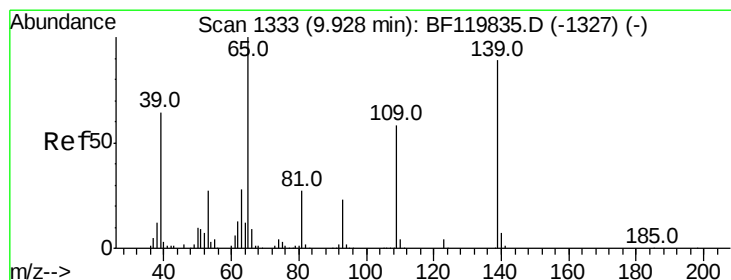
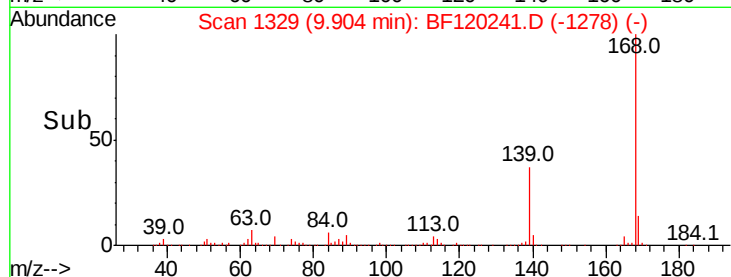
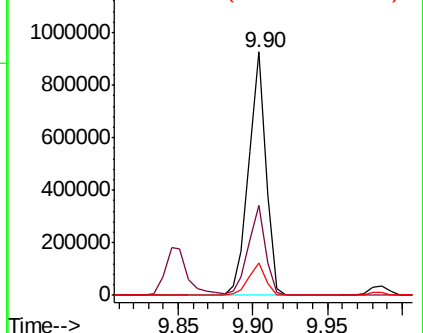


Abundance

Ion 168.00 (167.70 to 168.70): E

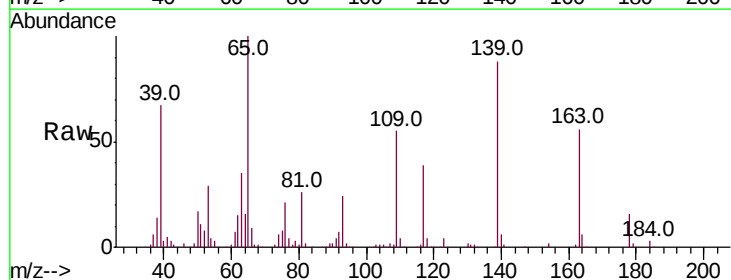
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 70.208 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.1	43.3	83.3
65	113.7	91.0	131.0

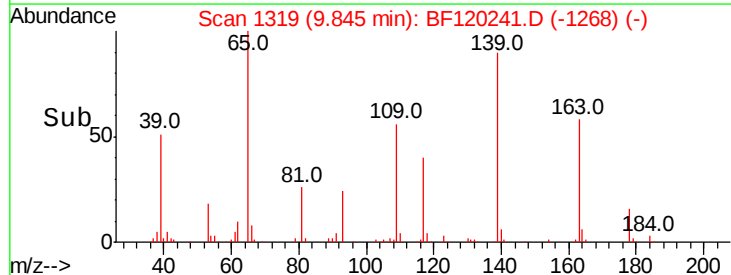
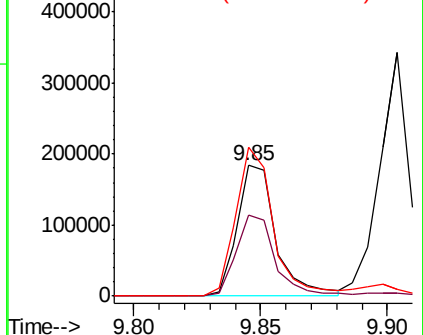


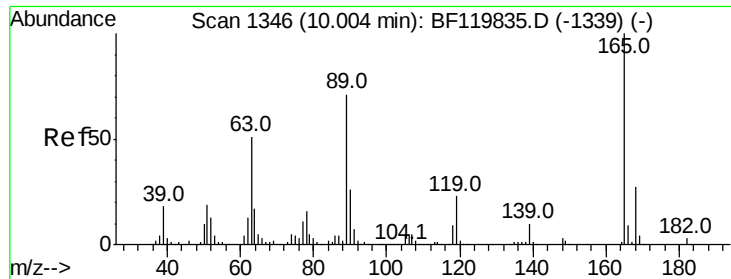
Abundance

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

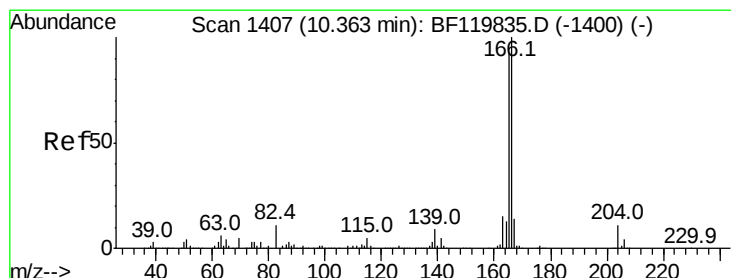
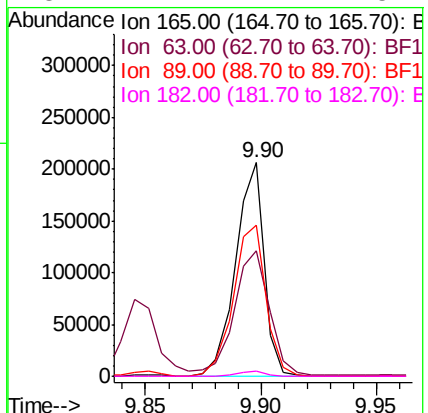
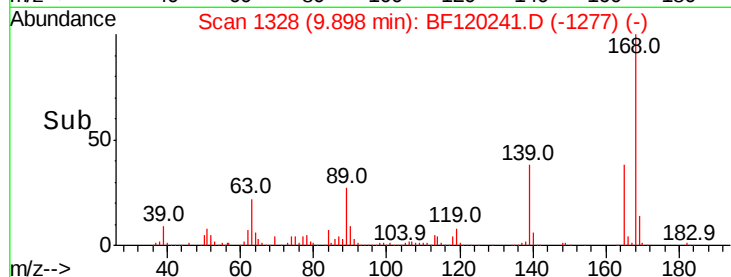
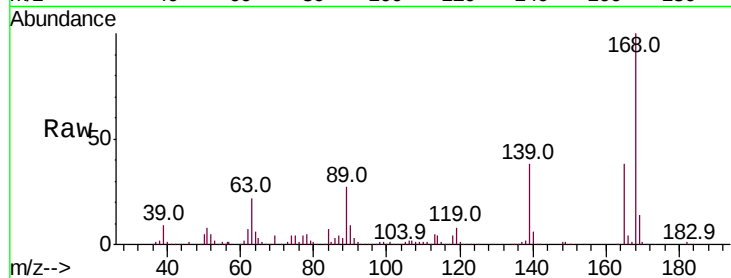




#57
 2,4-Dinitrotoluene
 Concen: 41.104 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

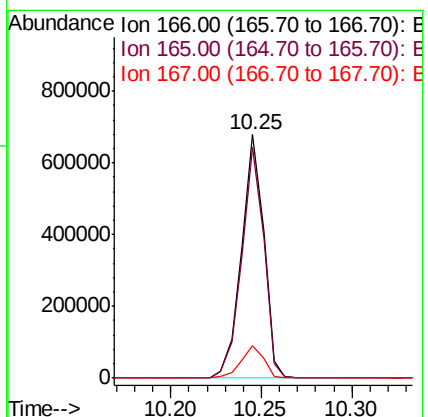
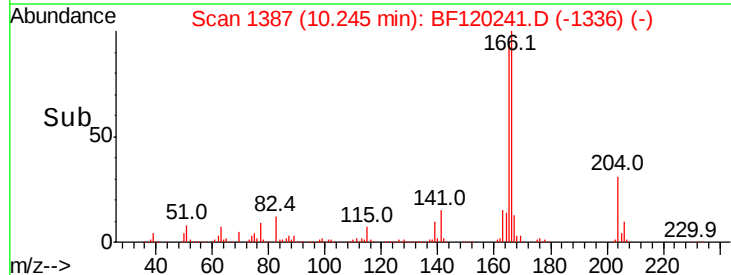
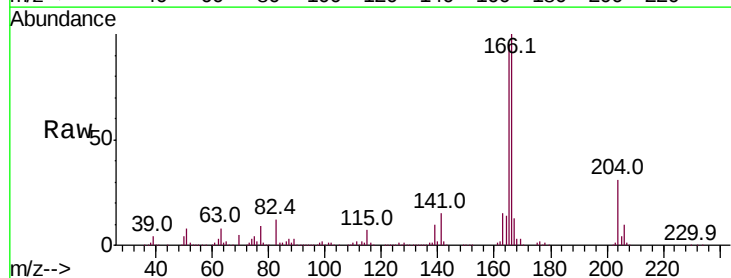
Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

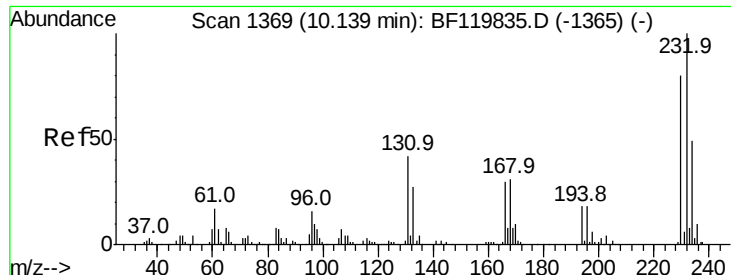
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.6	42.6	64.0
89	70.8	61.0	91.4
182	2.7	2.2	3.2



#58
 Fluorene
 Concen: 41.365 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.0	75.4	113.2
167	13.5	11.2	16.8

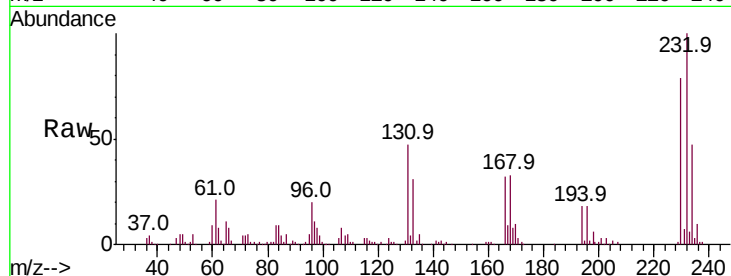




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.950 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	37.5	56.3
130	2.1	1.8	2.6
166	30.5	24.6	36.8



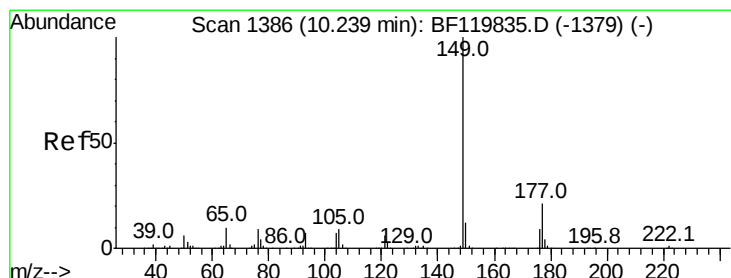
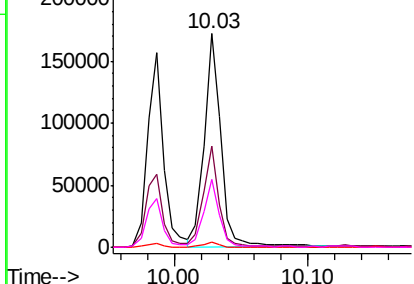
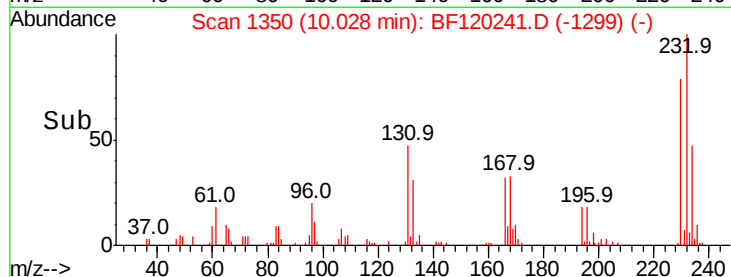
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

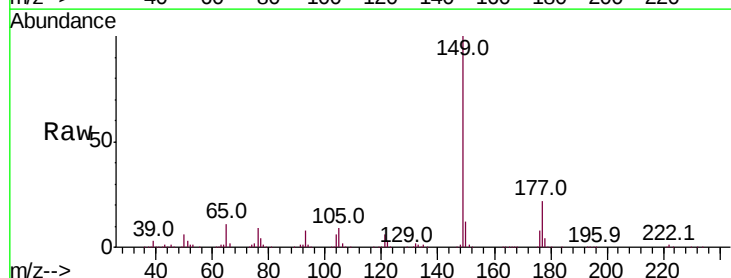
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.986 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.0	10.1	15.1

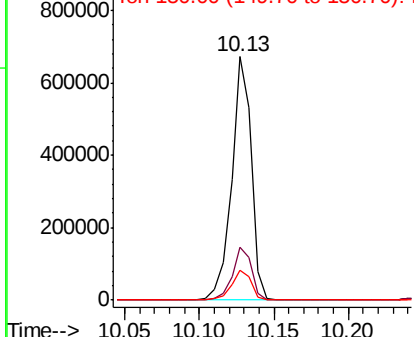
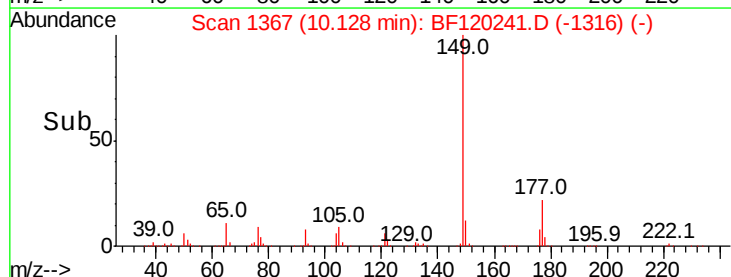


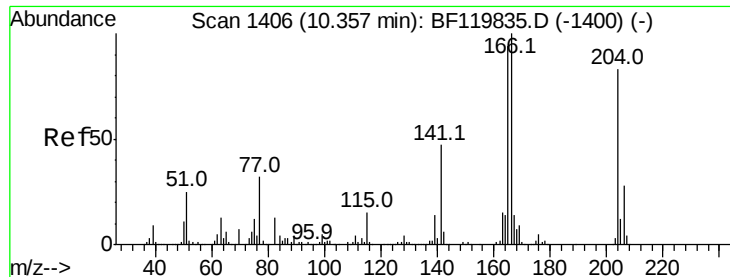
Abundance

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

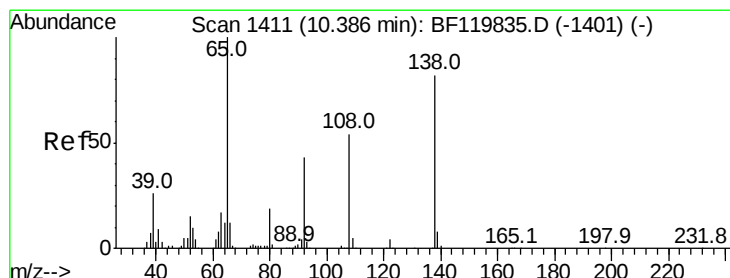
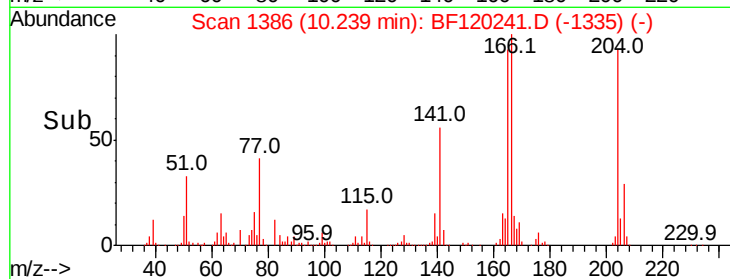
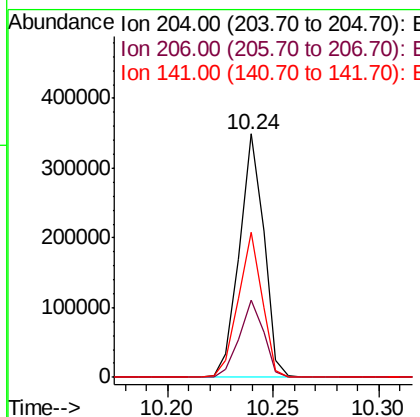
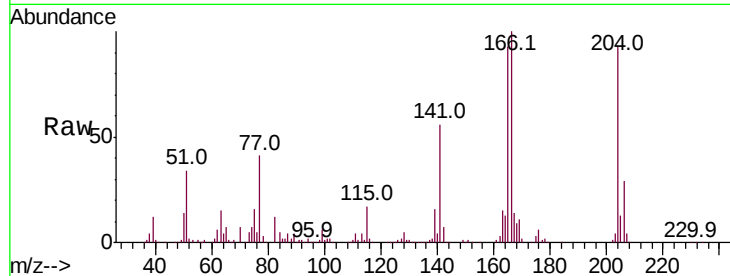




#61
 4-Chlorophenyl-phenylether
 Concen: 39.048 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

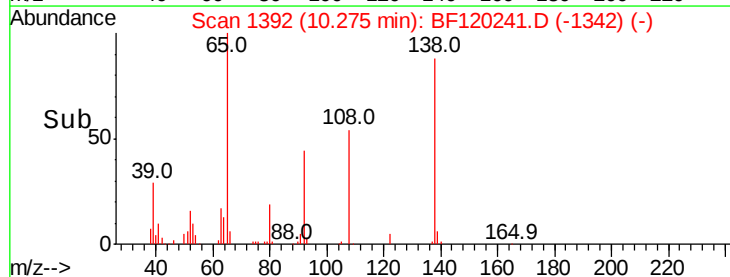
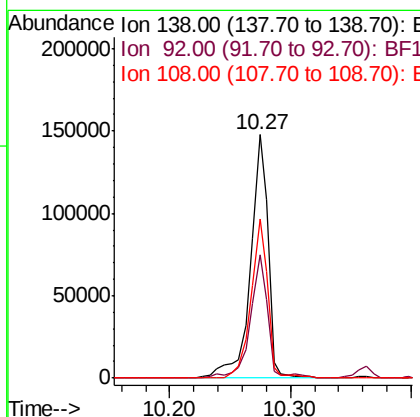
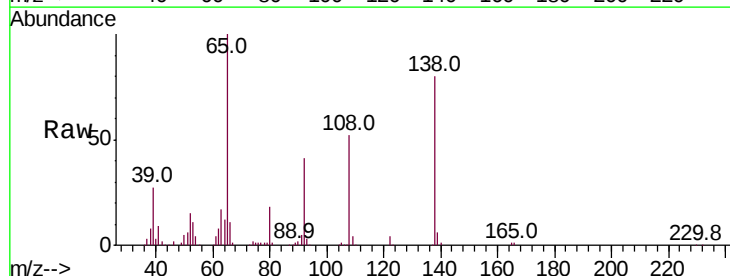
Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

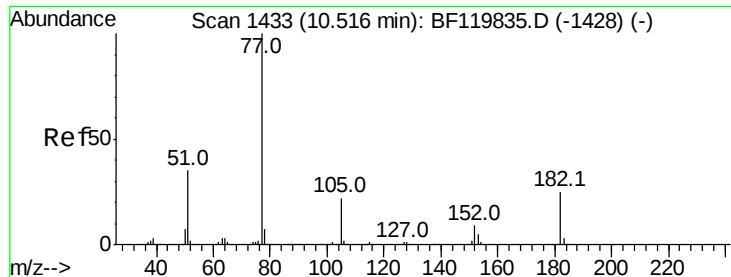
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.7	40.1
141	59.7	47.3	70.9



#62
 4-Nitroaniline
 Concen: 42.379 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	31.5	71.5
108	65.4	45.8	85.8





#63

Azobenzene

Concen: 42.134 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

Tot Ion: 77 Resp: 585734

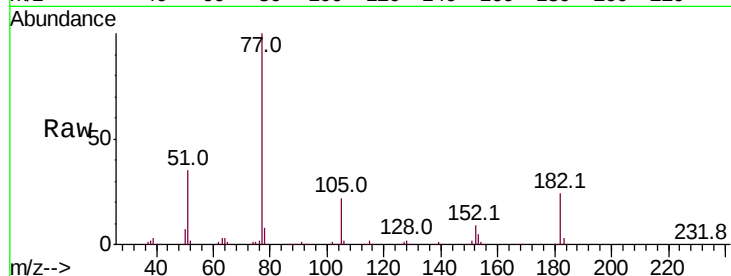
Ion Ratio Lower Upper

77 100

182 23.5 4.4 44.4

105 21.6 2.6 42.6

51 35.1 15.1 55.1

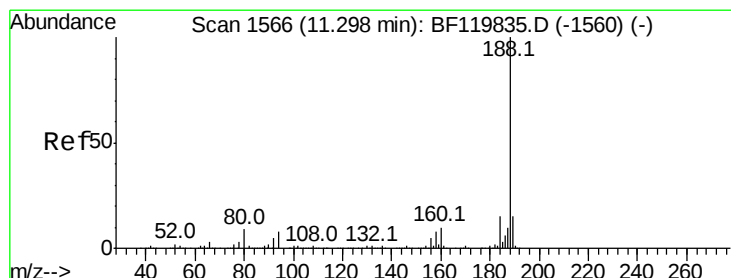
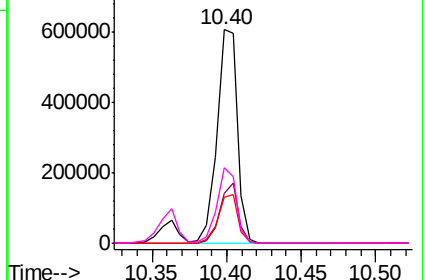
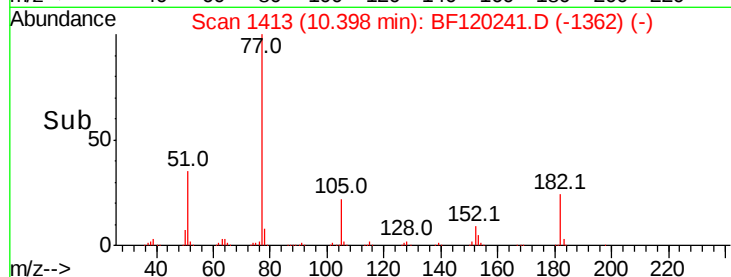


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.18 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

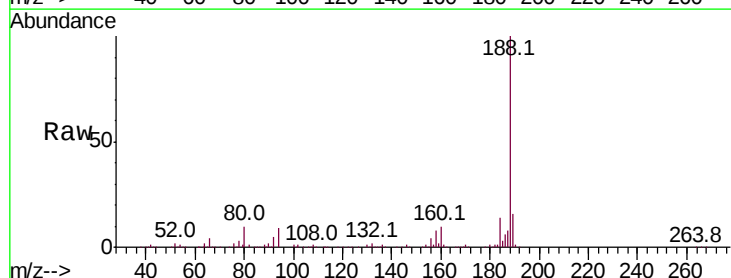
Tgt Ion: 188 Resp: 372493

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

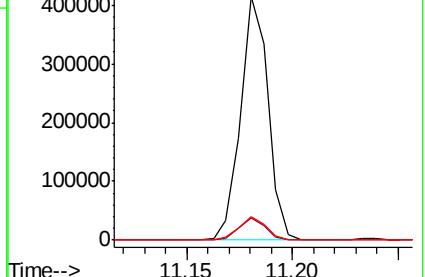
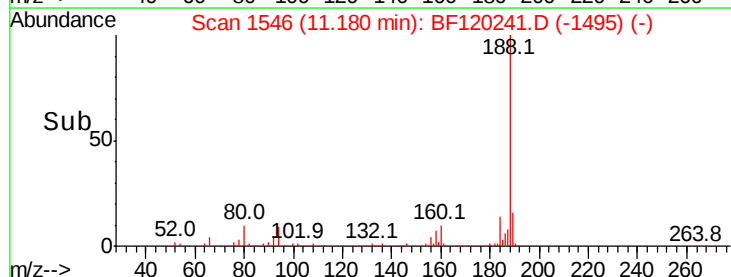
80 9.7 9.0 13.4

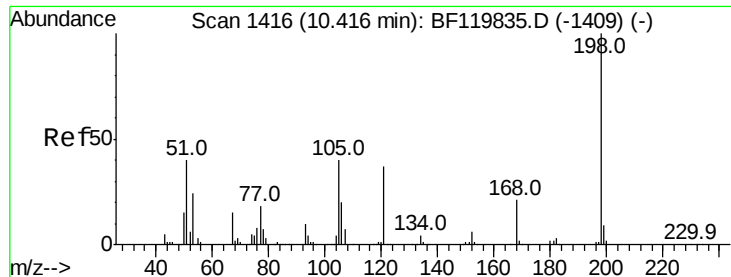


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 39.047 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

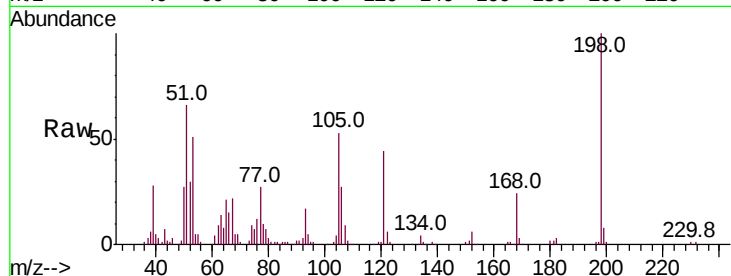
Tot Ion:198 Resp: 95823

Ion Ratio Lower Upper

198 100

51 65.9 29.0 69.0

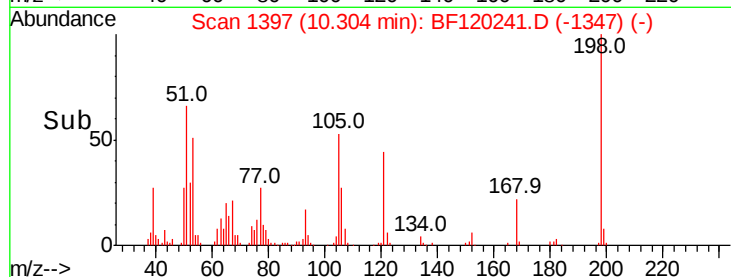
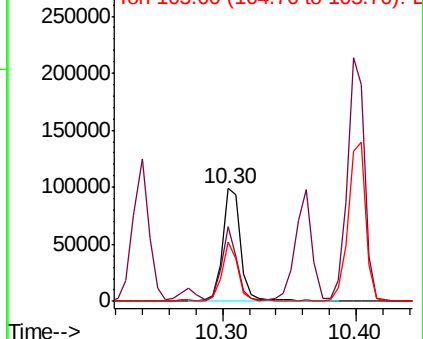
105 53.1 22.2 62.2



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: 42.622 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

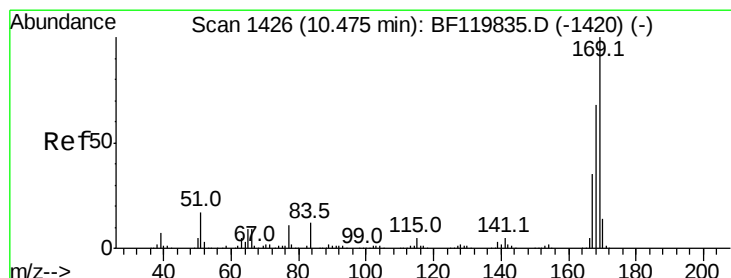
Tgt Ion:169 Resp: 528001

Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

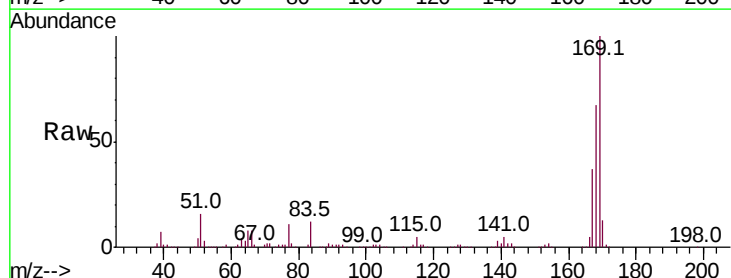
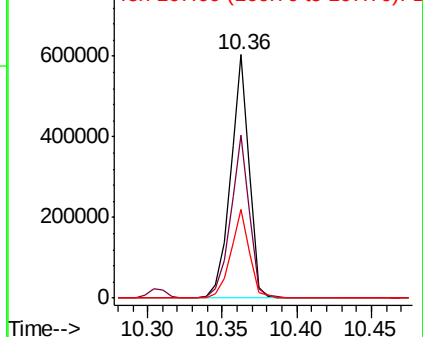
167 36.6 29.1 43.7

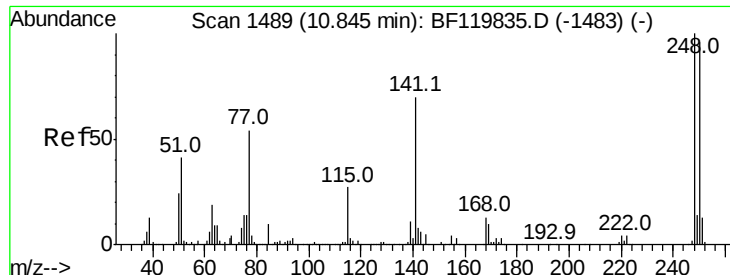


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

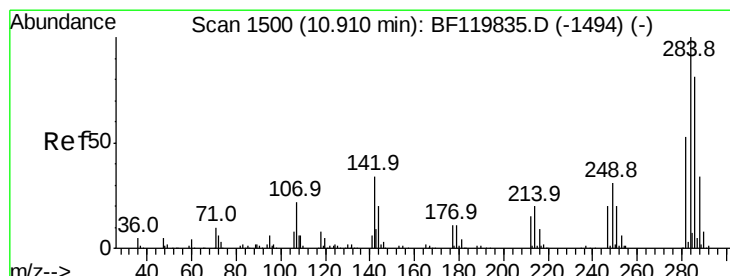
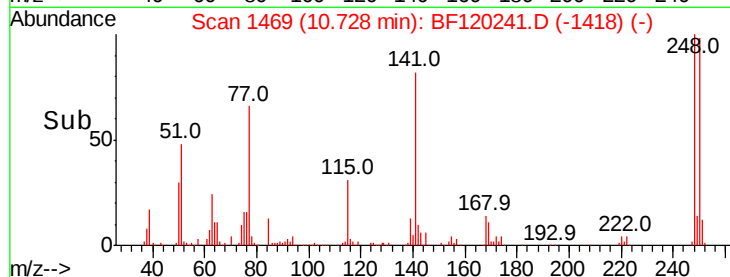
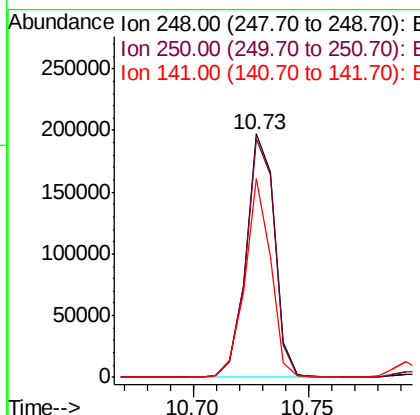
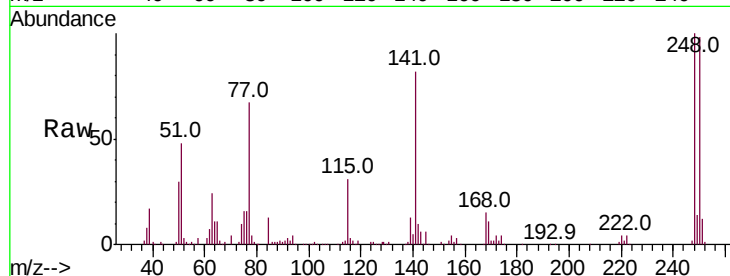




#67
 4-Bromophenyl-phenylether
 Concen: 36.843 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

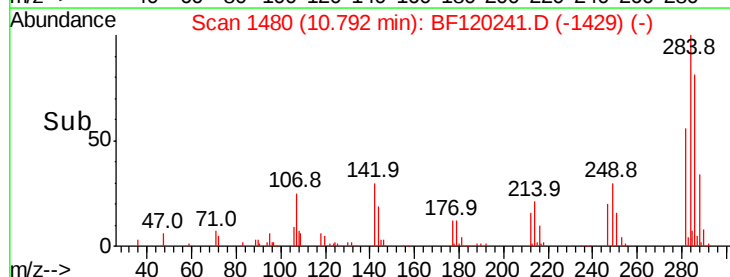
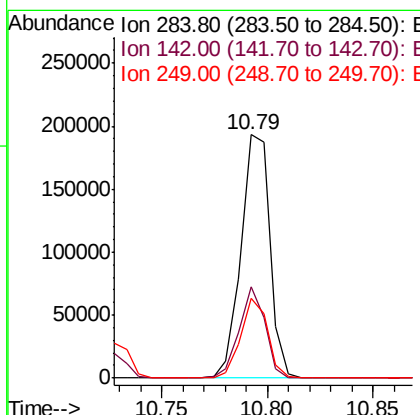
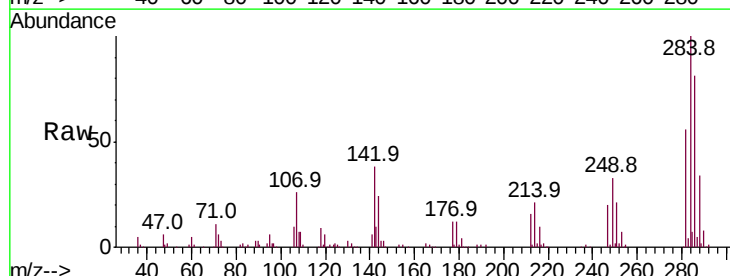
Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion:248 Resp: 170671
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.3 115.9
 141 81.9 58.6 87.8



#68
 Hexachlorobenzene
 Concen: 39.045 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion:284 Resp: 183486
 Ion Ratio Lower Upper
 284 100
 142 37.6 29.2 43.8
 249 32.5 25.1 37.7

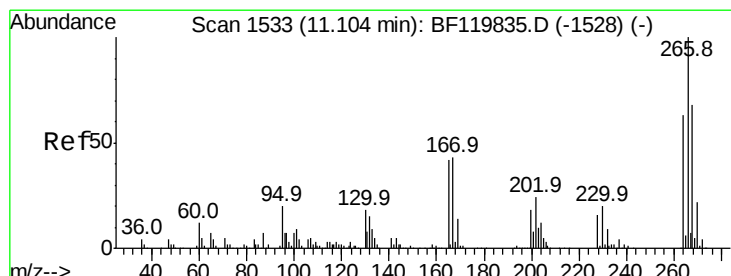
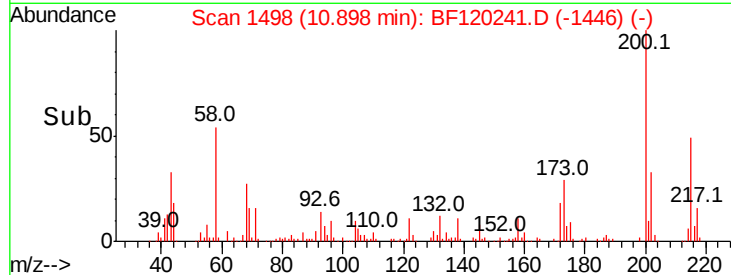
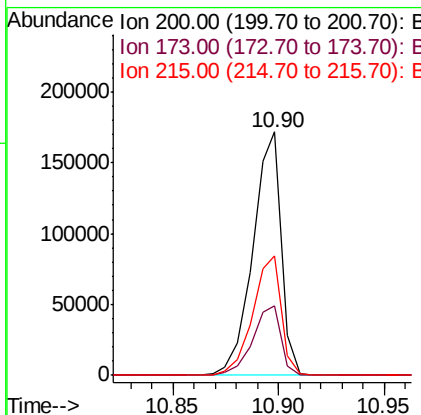
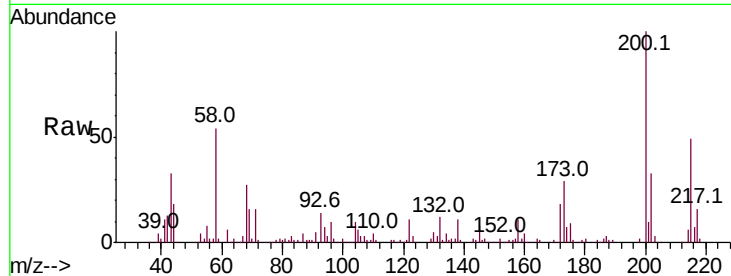




#69
 Atrazine
 Concen: 46.488 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. 0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

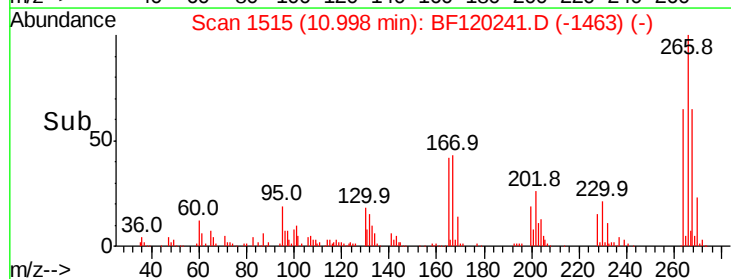
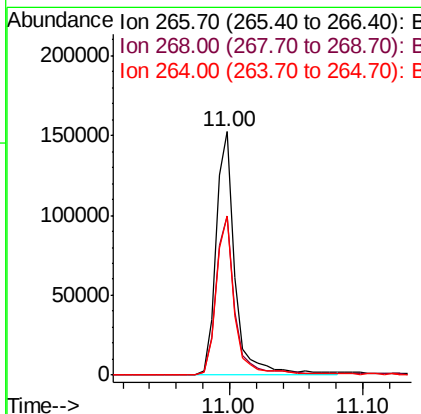
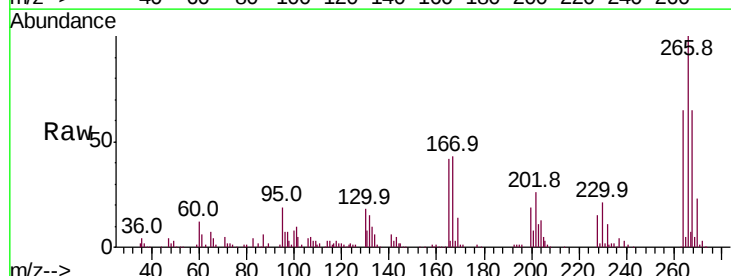
Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

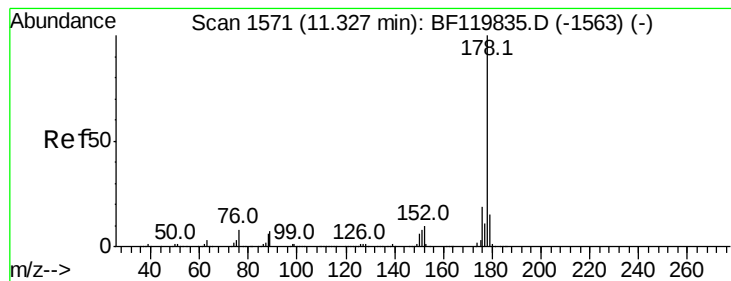
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	9.3	49.3
215	49.1	29.5	69.5



#70
 Pentachlorophenol
 Concen: 56.922 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	53.3	79.9
264	65.4	49.0	73.4





#71

Phenanthrene

Concen: 42.919 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

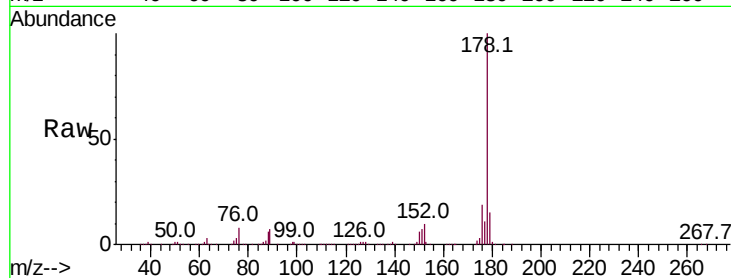
Tot Ion:178 Resp: 850856

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

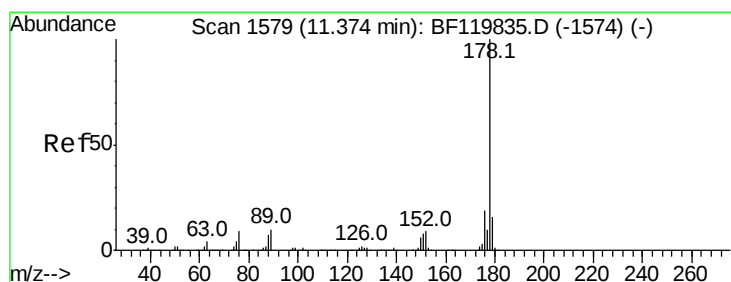
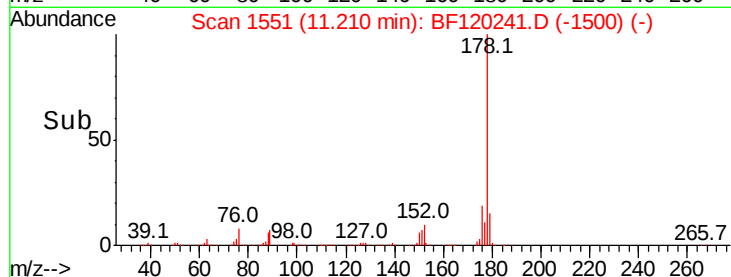
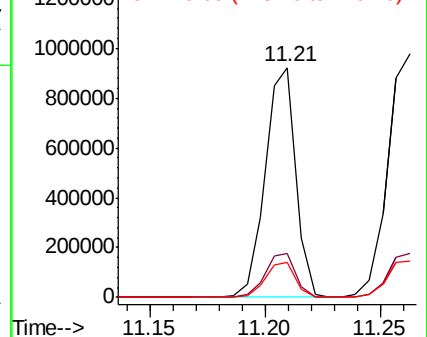
179 15.4 13.2 19.8



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



#72

Anthracene

Concen: 43.784 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

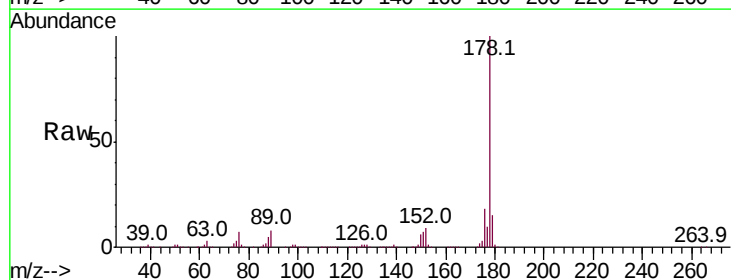
Tgt Ion:178 Resp: 886716

Ion Ratio Lower Upper

178 100

176 18.3 16.1 24.1

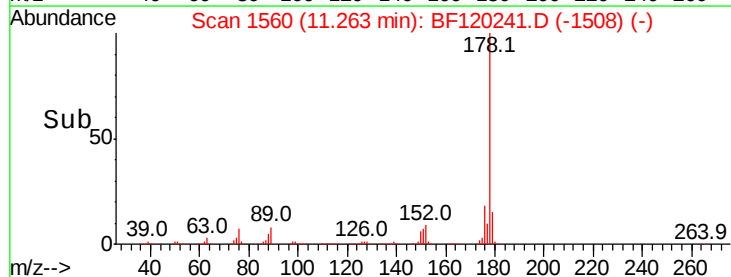
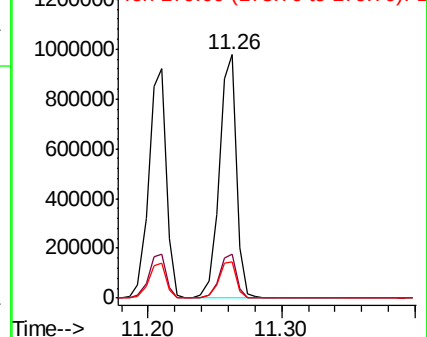
179 15.1 13.0 19.4

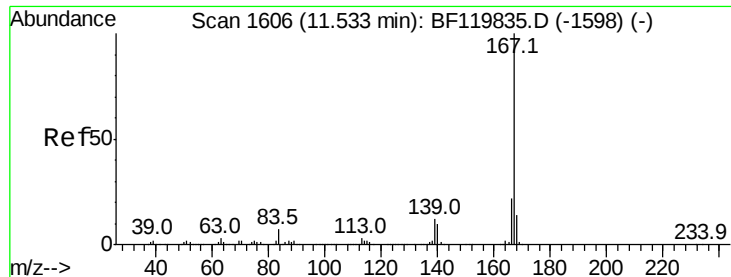


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

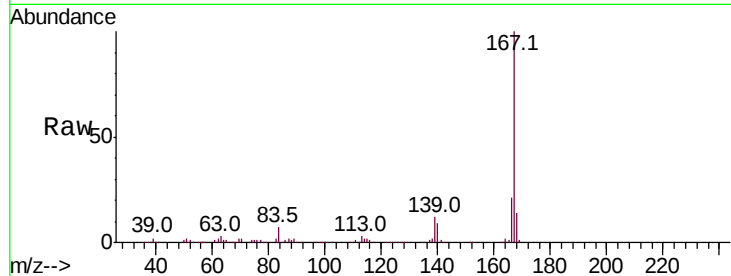




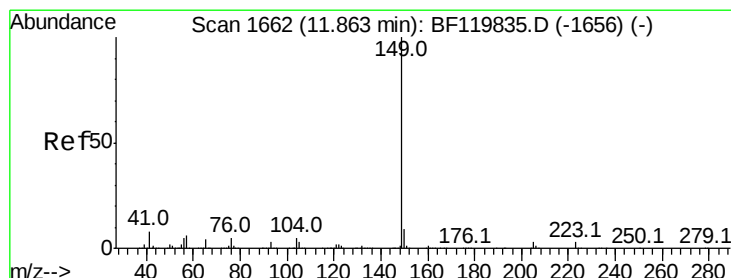
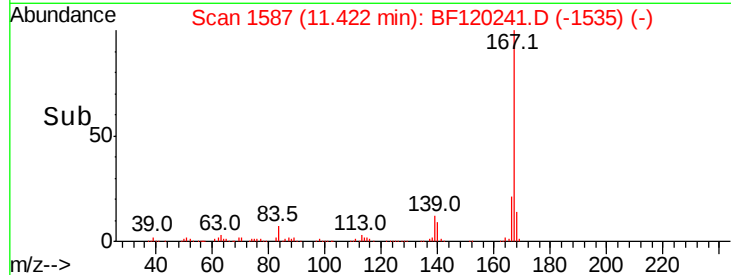
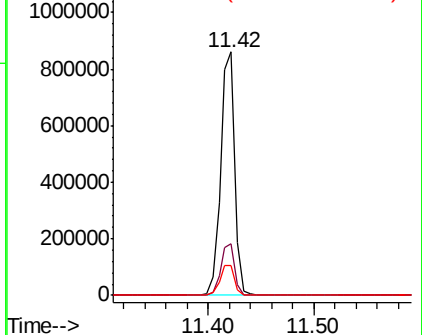
#73
 Carbazole
 Concen: 42.196 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion:167 Resp: 808123
 Ion Ratio Lower Upper
 167 100
 166 21.2 18.2 27.4
 139 12.4 10.7 16.1

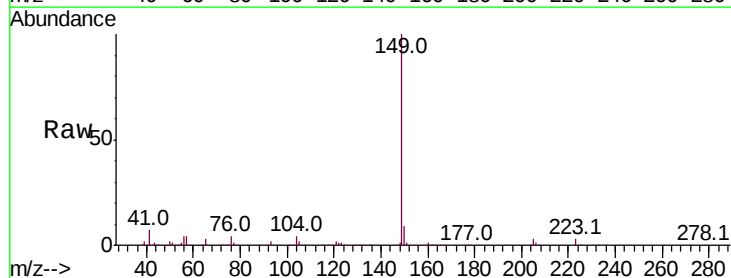


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

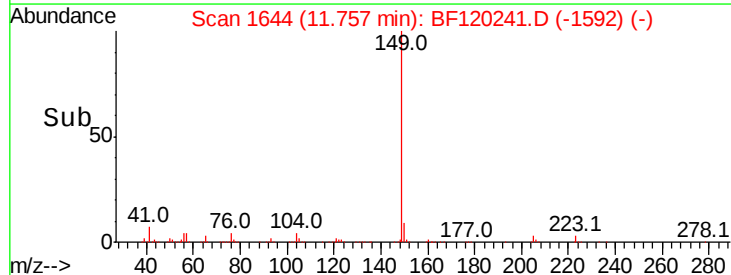
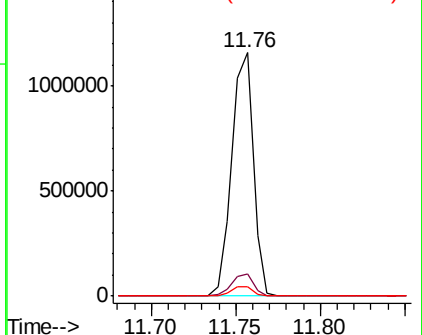


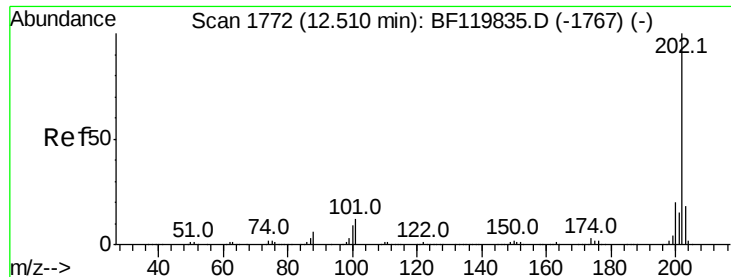
#74
 Di-n-butylphthalate
 Concen: 40.768 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. 0.01 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion:149 Resp: 1026393
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.8 11.8
 104 4.1 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

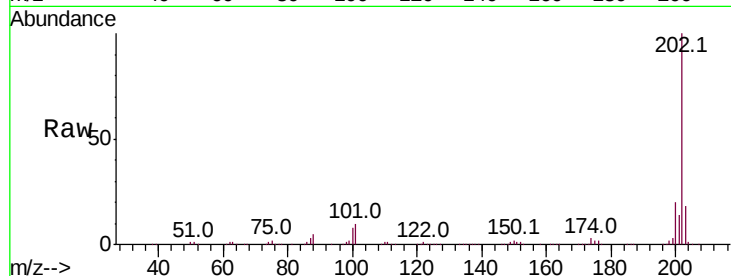




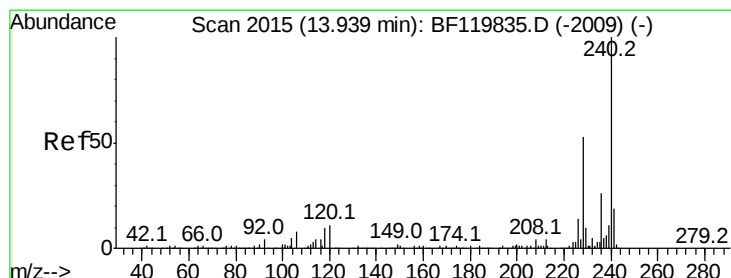
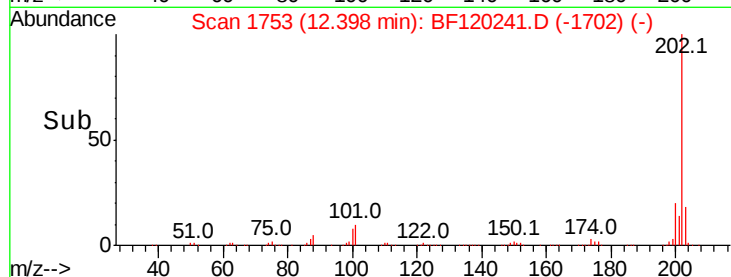
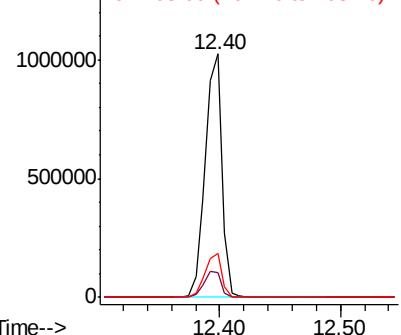
#75
 Fluoranthene
 Concen: 45.244 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.2
203	18.0	0.0	38.8

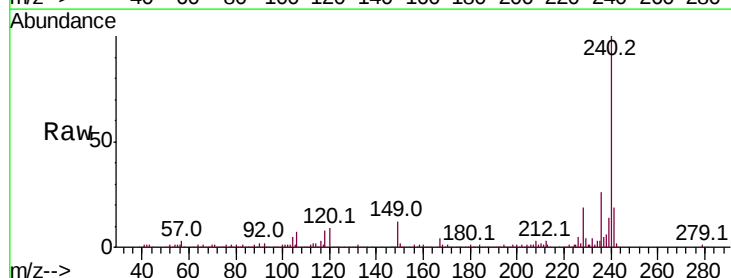


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

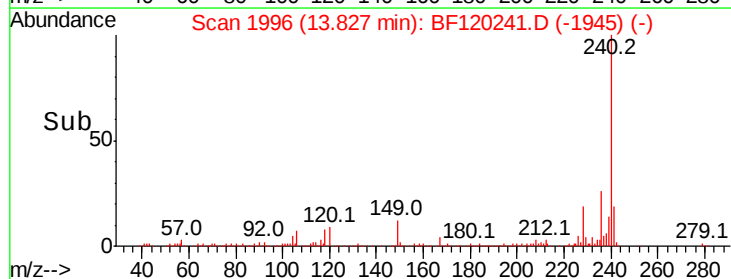
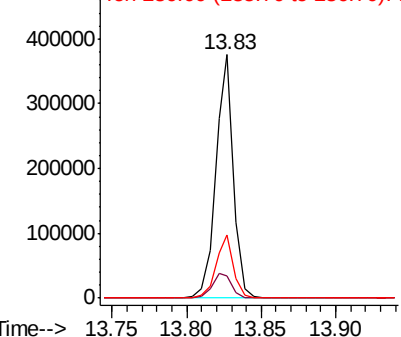


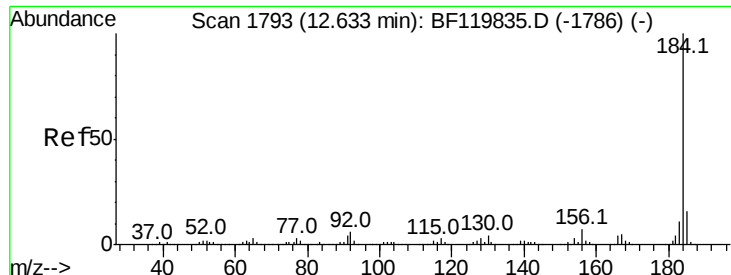
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BF120241.D
 Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	10.6	15.8#
236	25.8	20.2	30.2



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

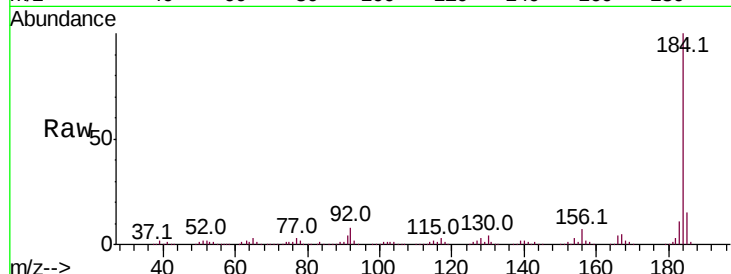




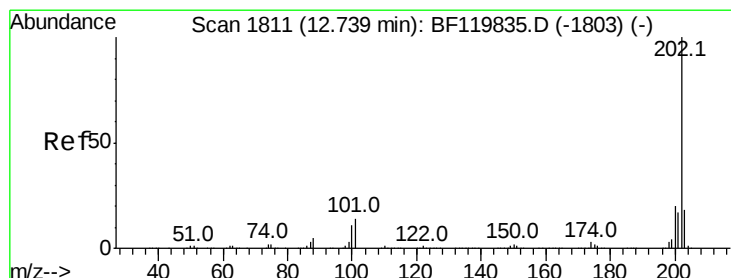
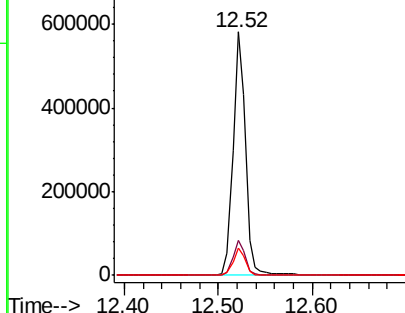
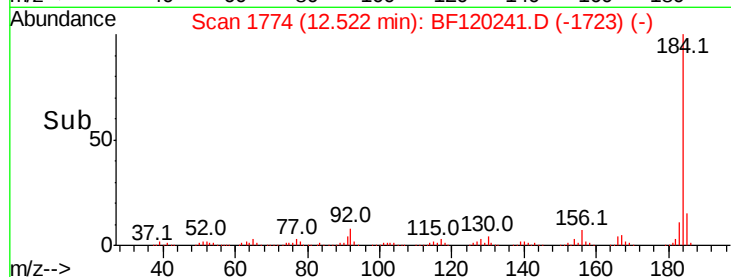
#77
Benzidine
Concen: 51.275 ng
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion:184 Resp: 538699
Ion Ratio Lower Upper
184 100
185 14.6 12.3 18.5
183 11.1 9.0 13.6

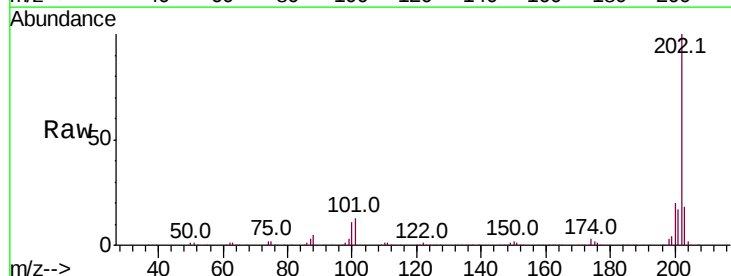


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

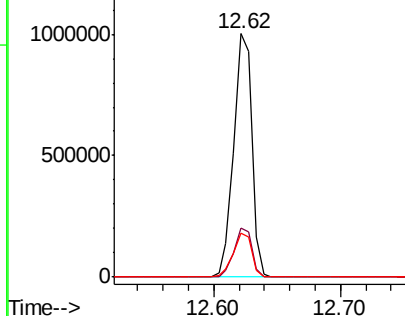
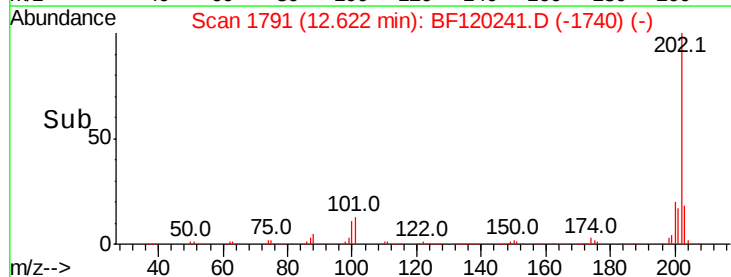


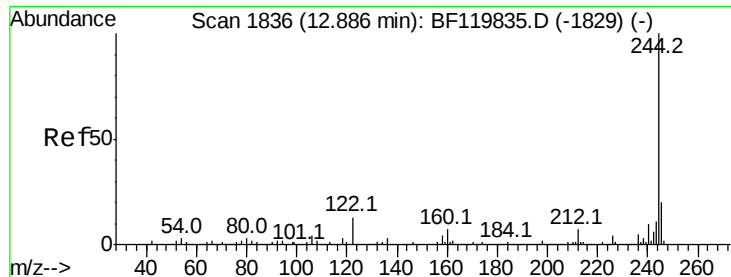
#78
Pyrene
Concen: 37.483 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion:202 Resp: 982102
Ion Ratio Lower Upper
202 100
200 20.0 16.8 25.2
203 18.2 15.1 22.7



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: 72.292 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

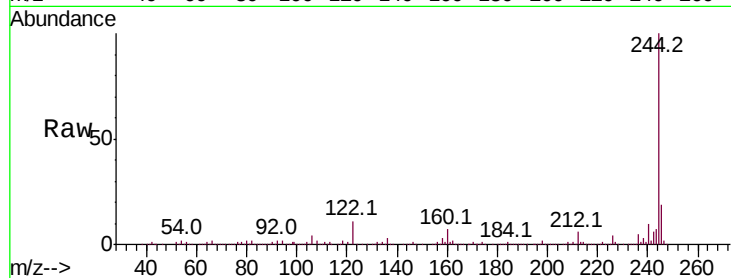
Tot Ion:244 Resp: 1335299

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

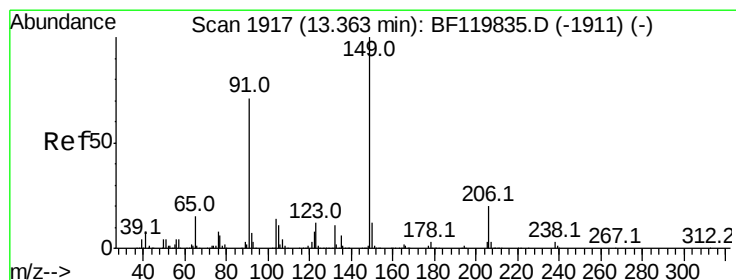
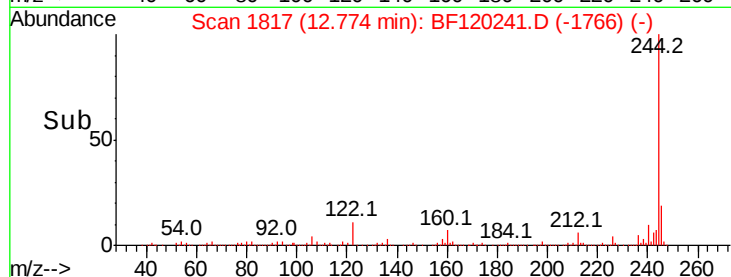
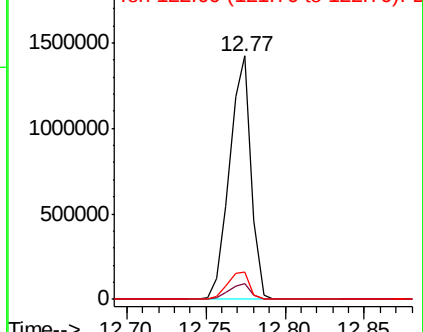
122 11.4 10.3 15.5



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: 35.104 ng

RT: 13.25 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

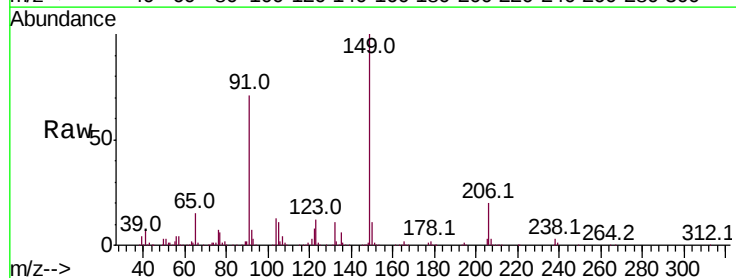
Tgt Ion:149 Resp: 446305

Ion Ratio Lower Upper

149 100

91 70.7 54.7 82.1

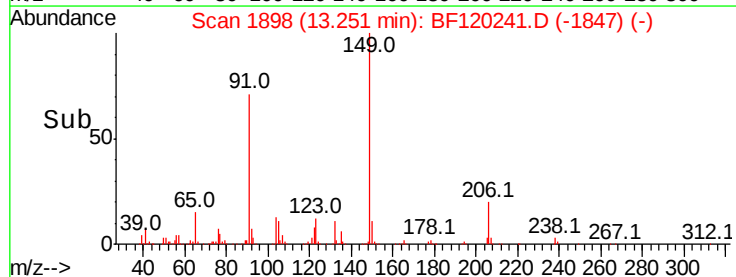
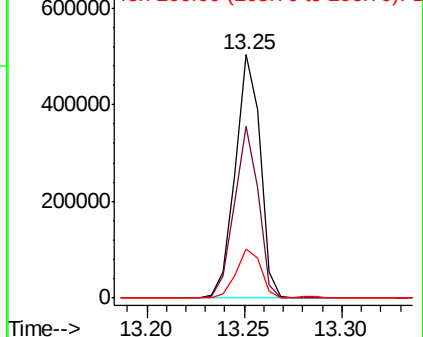
206 19.9 16.2 24.2



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: 42.013 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

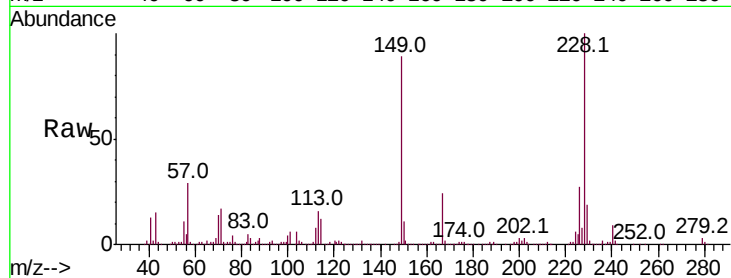
Tot Ion:228 Resp: 859027

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

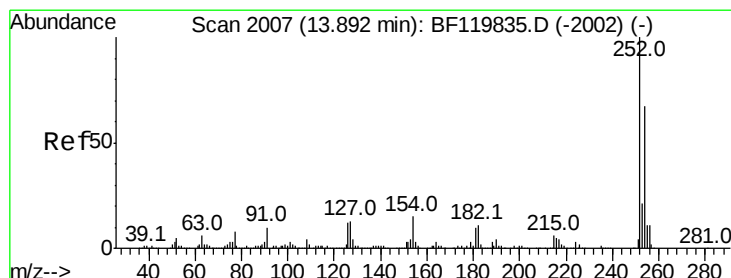
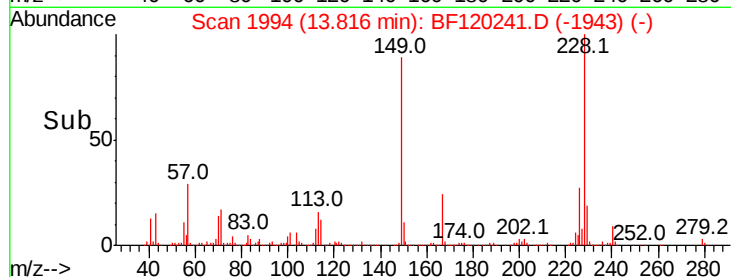
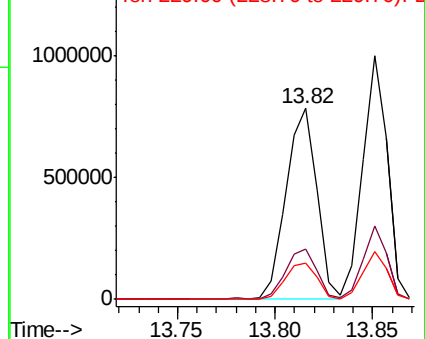
229 19.3 16.2 24.4



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: 27.861 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

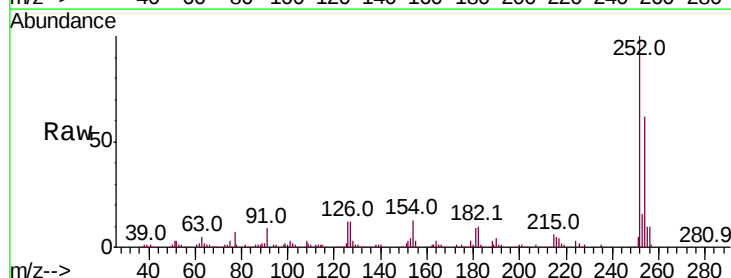
Tgt Ion:252 Resp: 212556

Ion Ratio Lower Upper

252 100

254 61.5 51.2 76.8

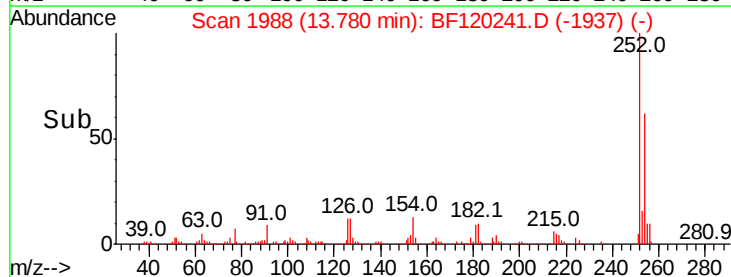
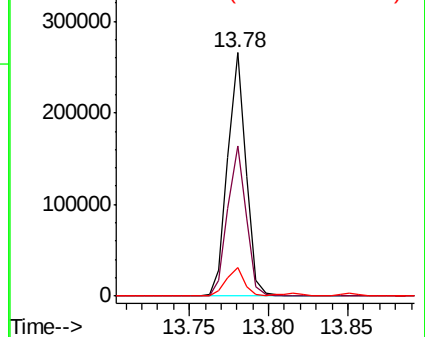
126 11.5 9.6 14.4

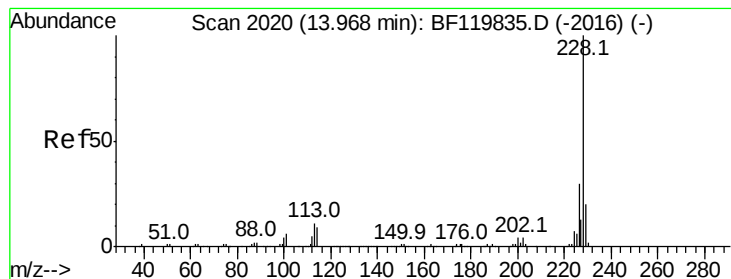


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.250 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

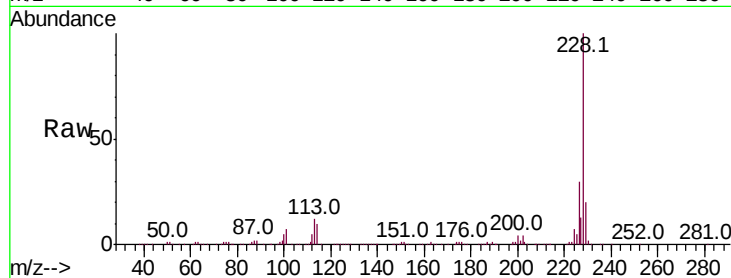
Tot Ion:228 Resp: 877761

Ion Ratio Lower Upper

228 100

226 30.1 25.4 38.0

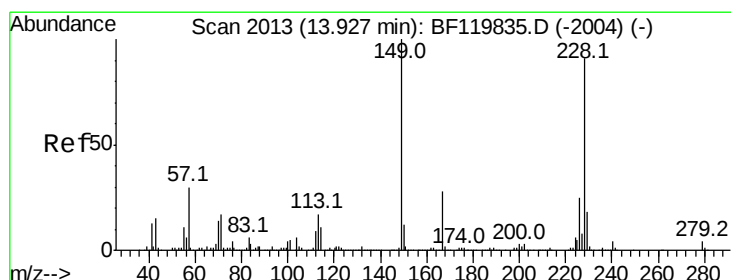
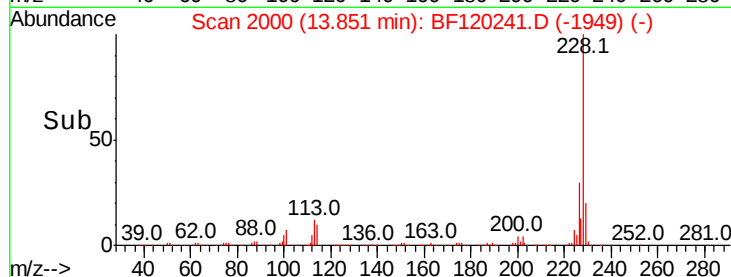
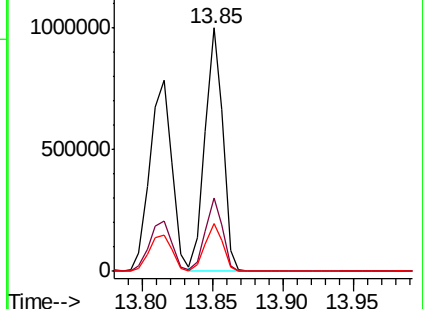
229 19.8 16.6 24.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.655 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

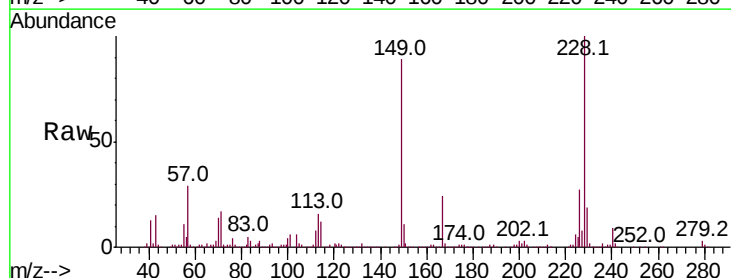
Tgt Ion:149 Resp: 613872

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

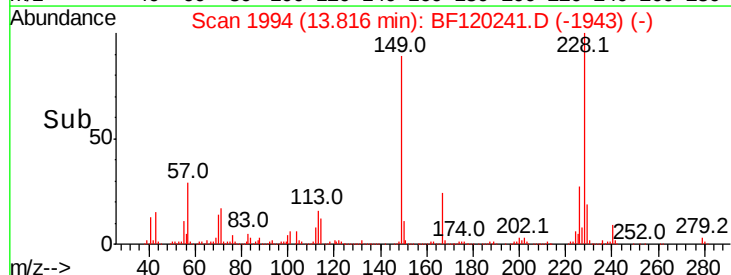
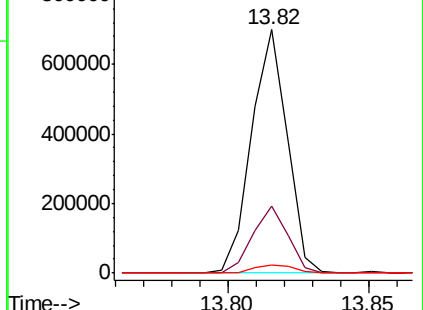
279 3.4 2.7 4.1

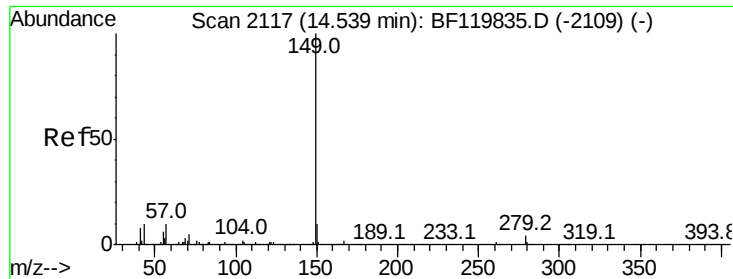


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.922 ng

RT: 14.43 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

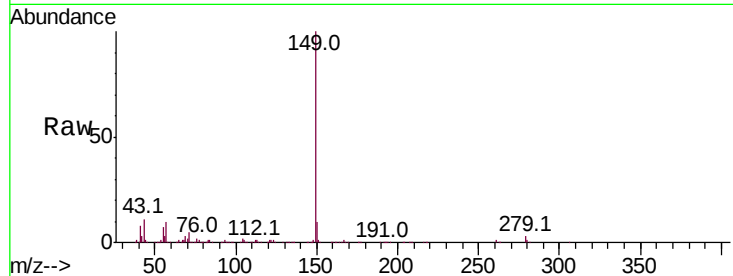
Tot Ion:149 Resp: 1111680

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

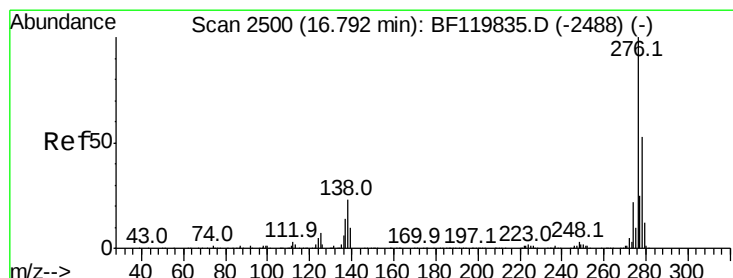
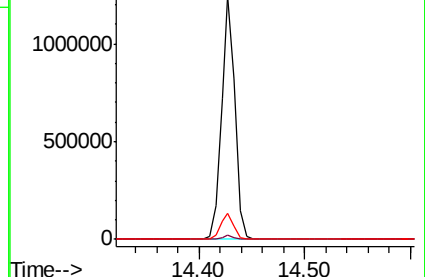
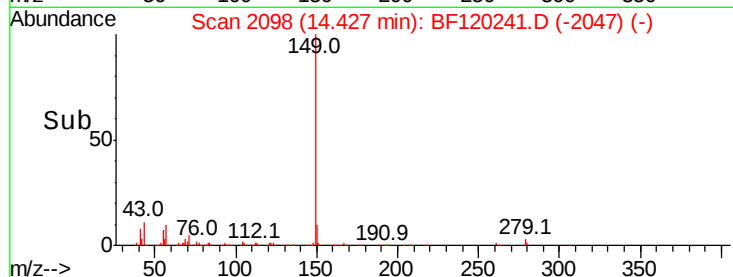
43 10.8 9.3 13.9



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: 53.790 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

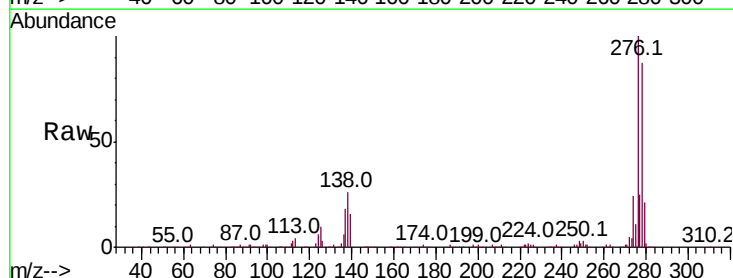
Tgt Ion:276 Resp: 985082

Ion Ratio Lower Upper

276 100

138 25.5 19.6 29.4

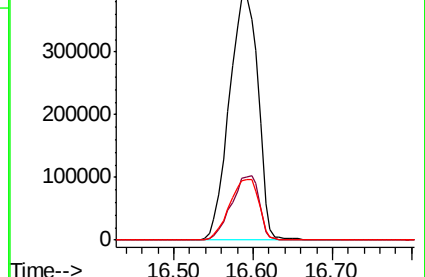
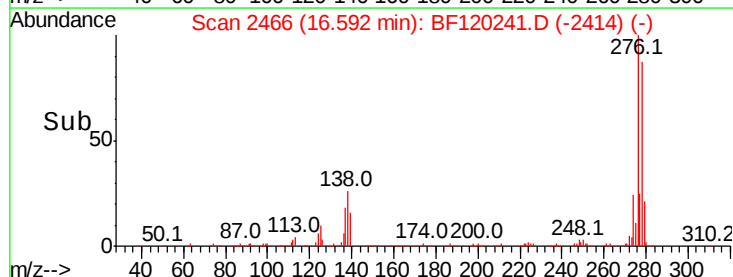
277 25.3 20.0 30.0

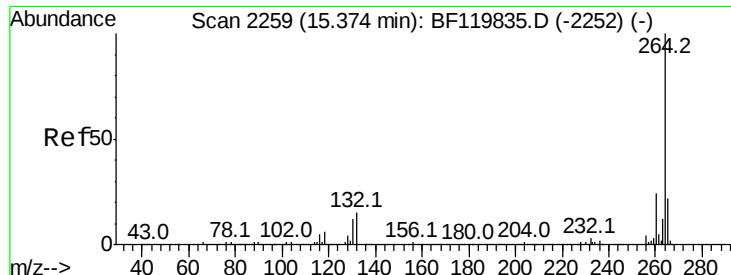


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

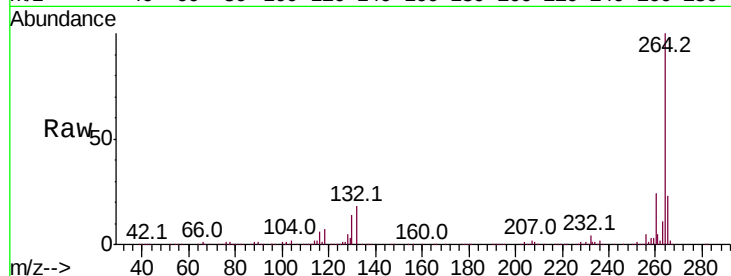




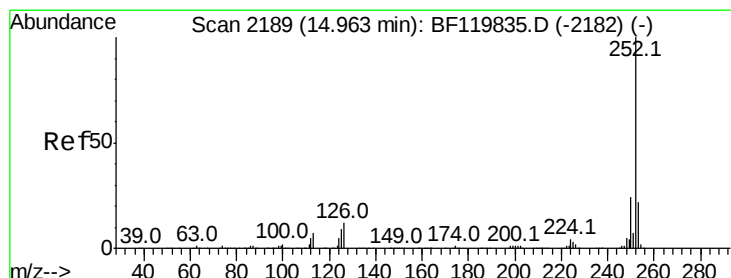
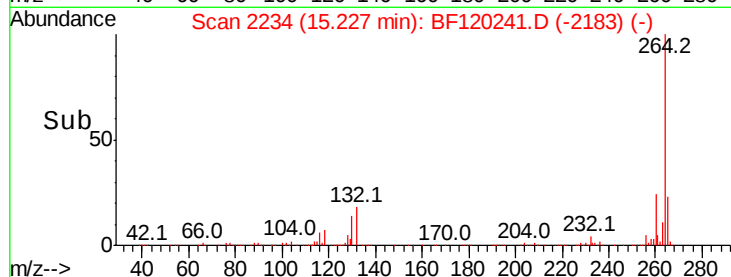
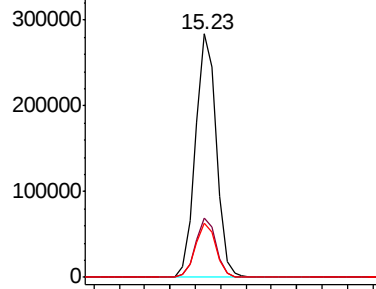
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Instrument :
BNA_F
ClientSampleId :
PB128574BS

Tot Ion:264 Resp: 322638
Ion Ratio Lower Upper
264 100
260 24.4 18.7 28.1
265 22.5 17.7 26.5

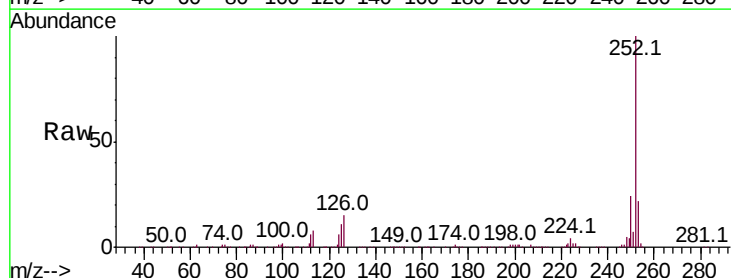


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

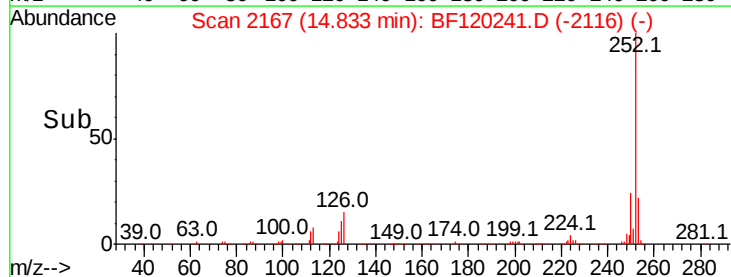
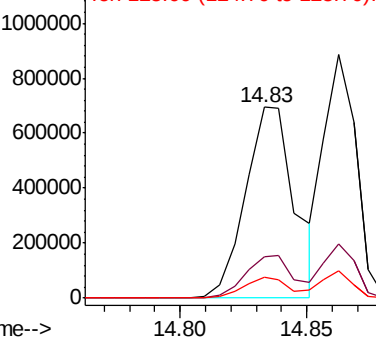


#88
Benzo(b)fluoranthene
Concen: 40.534 ng
RT: 14.83 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion:252 Resp: 940795
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 10.8 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

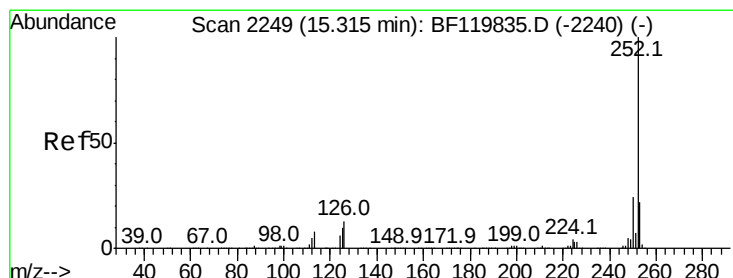
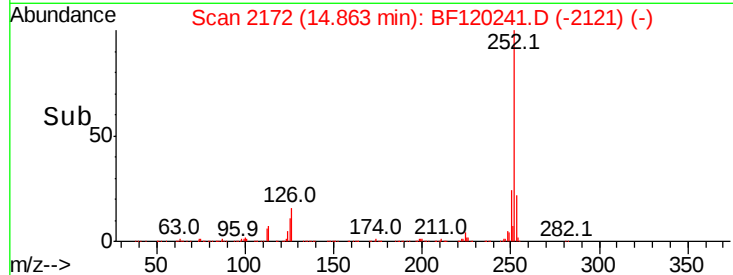
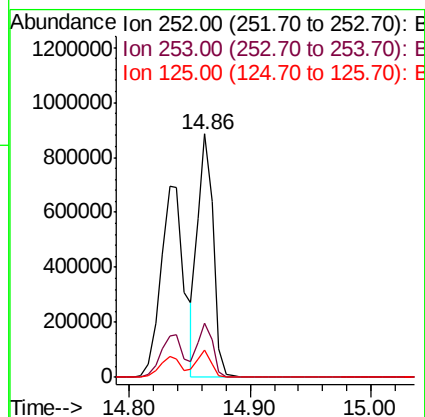
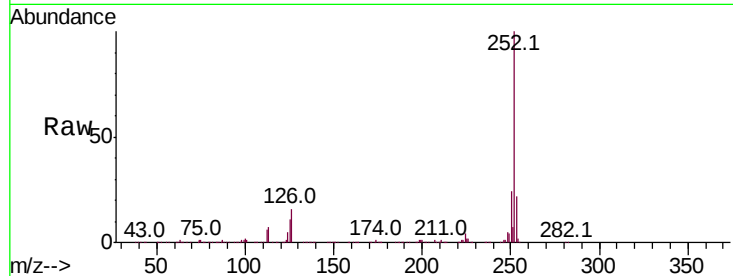




#89
Benzo(k)fluoranthene
Concen: 39.456 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

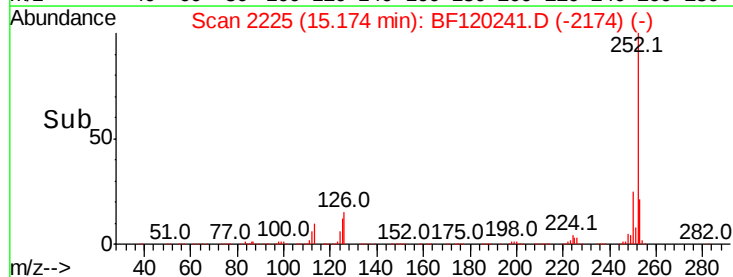
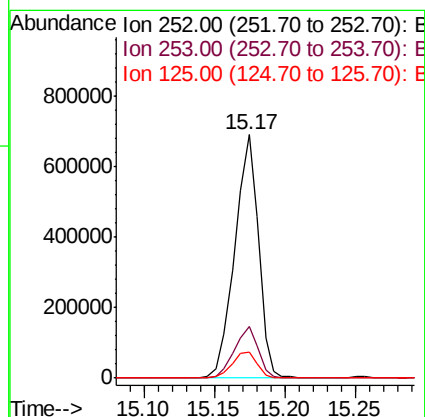
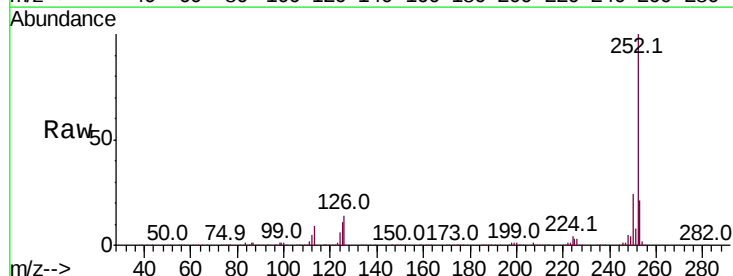
Instrument :
BNA_F
ClientSampleId :
PB128574BS

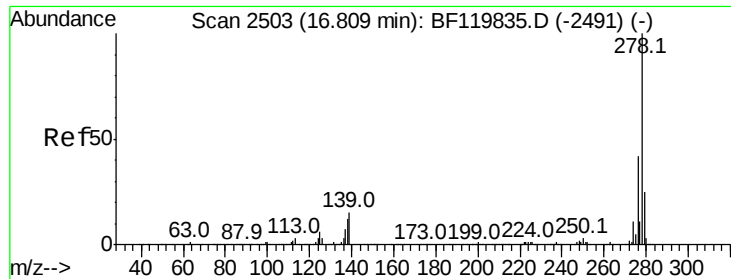
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.1	8.4	12.6



#90
Benzo(a)pyrene
Concen: 41.586 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.00 min
Lab File: BF120241.D
Acq: 30 Apr 2020 16:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.2
125	10.8	9.4	14.2





#91

Dibenzo(a,h)anthracene

Concen: 47.409 ng

RT: 16.60 min Scan# 2468

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

Instrument :

BNA_F

ClientSampleId :

PB128574BS

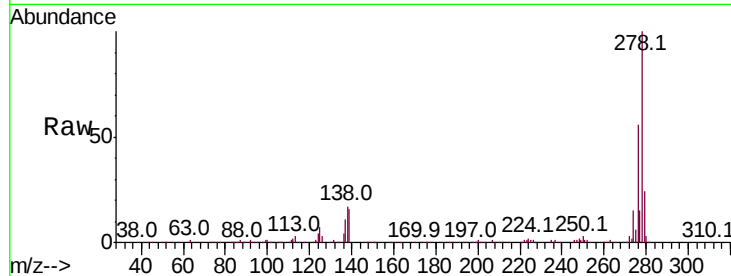
Tot Ion:278 Resp: 819505

Ion Ratio Lower Upper

278 100

139 16.3 12.6 19.0

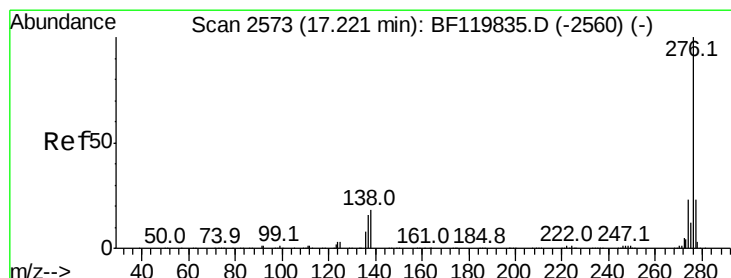
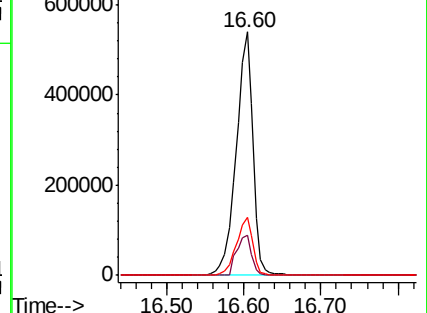
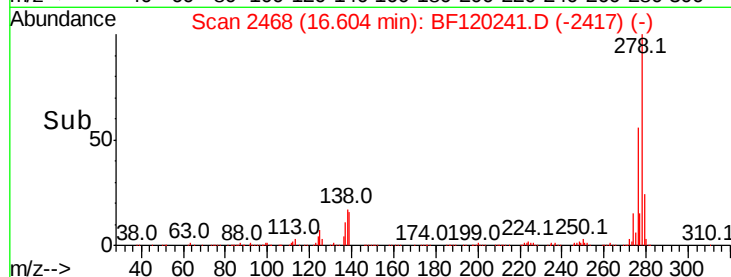
279 23.8 19.0 28.6



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: 46.288 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF120241.D

Acq: 30 Apr 2020 16:07

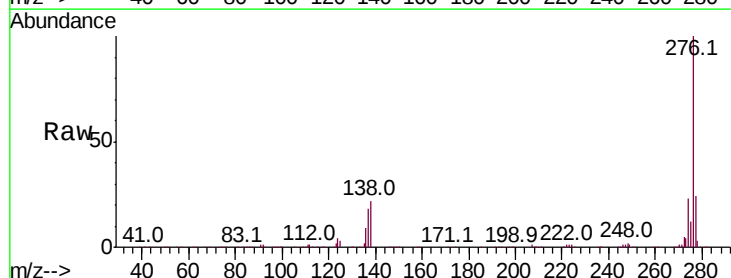
Tgt Ion:276 Resp: 789809

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 21.8 15.4 23.0



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

