

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120294.D
 Acq On : 14 May 2020 16:53
 Operator : MA/SJ
 Sample : PB128874BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Quant Time: May 14 17:47:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	375912	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	1517557	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	776071	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1640727	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1050537	20.00	ng	0.00
87) Perylene-d12	15.17	264	983093	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	2112093	109.32	ng	0.01
7) Phenol-d6	6.28	99	2617825	107.15	ng	0.00
23) Nitrobenzene-d5	7.20	82	1692180	76.34	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	776897	122.78	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	3030375	80.22	ng	0.00
79) Terphenyl-d14	12.73	244	3513391	73.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	306242	39.847	ng	96
3) Pyridine	2.94	79	669523	27.713	ng	99
4) n-Nitrosodimethylamine	2.89	42	346702	36.651	ng	98
6) Aniline	6.29	93	813576	26.038	ng	88
8) 2-Chlorophenol	6.41	128	871849	38.703	ng	98
9) Benzaldehyde	6.17	77	540513	35.887	ng	97
10) Phenol	6.29	94	1034028	36.255	ng	90
11) bis(2-Chloroethyl)ether	6.37	93	805681	35.364	ng	99
12) 1,3-Dichlorobenzene	6.56	146	854290	35.441	ng	98
13) 1,4-Dichlorobenzene	6.64	146	898154	36.177	ng	96
14) 1,2-Dichlorobenzene	6.79	146	804709	35.994	ng	99
15) Benzyl Alcohol	6.78	79	645712	37.201	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1294523	36.056	ng	99
17) 2-Methylphenol	6.90	107	675502	35.522	ng	97
18) Hexachloroethane	7.13	117	332208	35.126	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	586737	36.657	ng	99
20) 3+4-Methylphenols	7.06	107	867661	35.093	ng	98
22) Acetophenone	7.04	105	1158759	37.272	ng	# 98
24) Nitrobenzene	7.22	77	877122	36.770	ng	100
25) Isophorone	7.46	82	1654386	35.873	ng	99
26) 2-Nitrophenol	7.53	139	473260	37.934	ng	93
27) 2,4-Dimethylphenol	7.58	122	743306	40.958	ng	97
28) bis(2-Chloroethoxy)methane	7.67	93	1082014	37.327	ng	99
29) 2,4-Dichlorophenol	7.78	162	706786	37.920	ng	99
30) 1,2,4-Trichlorobenzene	7.85	180	755606	36.583	ng	99
31) Naphthalene	7.93	128	2389841	37.313	ng	99
32) Benzoic acid	7.74	122	437835	36.806	ng	99
33) 4-Chloroaniline	7.99	127	422127	14.462	ng	97
34) Hexachlorobutadiene	8.05	225	428102	35.859	ng	93
35) Caprolactam	8.37	113	122458	20.082	ng	95
36) 4-Chloro-3-methylphenol	8.49	107	762839	37.833	ng	99
37) 2-Methylnaphthalene	8.62	142	1618358	36.924	ng	98
38) 1-Methylnaphthalene	8.72	142	1564980	36.815	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	727220	37.162	ng	99

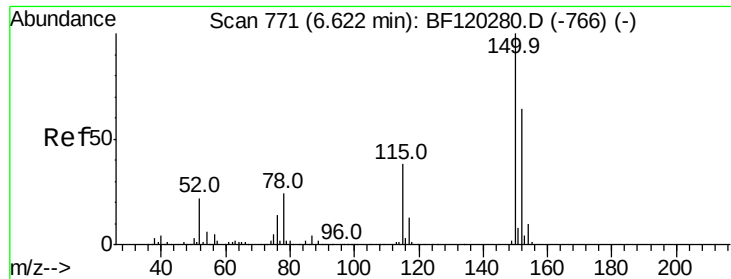
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120294.D
 Acq On : 14 May 2020 16:53
 Operator : MA/SJ
 Sample : PB128874BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Quant Time: May 14 17:47:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	645781	80.000	ng	98
43) 2,4,6-Trichlorophenol	8.91	196	477954	36.386	ng	99
44) 2,4,5-Trichlorophenol	8.96	196	526831	34.924	ng	98
46) 1,1'-Biphenyl	9.09	154	1989202	39.120	ng	98
47) 2-Chloronaphthalene	9.11	162	1491391	36.564	ng	98
48) 2-Nitroaniline	9.22	65	519925	34.936	ng	97
49) Acenaphthylene	9.53	152	2344855	37.634	ng	99
50) Dimethylphthalate	9.40	163	1754092	35.755	ng	100
51) 2,6-Dinitrotoluene	9.46	165	391206	35.728	ng	90
52) Acenaphthene	9.70	154	1366658	36.594	ng	98
53) 3-Nitroaniline	9.63	138	221499	16.964	ng	99
54) 2,4-Dinitrophenol	9.75	184	374146	72.390	ng	93
55) Dibenzofuran	9.87	168	2010004	37.373	ng	98
56) 4-Nitrophenol	9.82	139	475131	67.721	ng	91
57) 2,4-Dinitrotoluene	9.87	165	465217	36.220	ng	98
58) Fluorene	10.22	166	1574756	38.447	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	432710	38.116	ng	97
60) Diethylphthalate	10.10	149	1778305	37.546	ng	100
61) 4-Chlorophenyl-phenylether	10.20	204	774268	36.359	ng	97
62) 4-Nitroaniline	10.25	138	397385	32.683	ng	98
63) Azobenzene	10.37	77	1870054	41.776	ng	98
65) 4,6-Dinitro-2-methylphenol	10.28	198	283596	34.178	ng	93
66) n-Nitrosodiphenylamine	10.33	169	1496623	32.971	ng	99
67) 4-Bromophenyl-phenylether	10.69	248	554388	34.821	ng	98
68) Hexachlorobenzene	10.76	284	586986	35.241	ng	98
69) Atrazine	10.86	200	471563	34.718	ng	98
70) Pentachlorophenol	10.96	266	509197	71.879	ng	99
71) Phenanthrene	11.17	178	2480556	35.980	ng	99
72) Anthracene	11.23	178	2753170	37.302	ng	100
73) Carbazole	11.39	167	2481444	35.983	ng	99
74) Di-n-butylphthalate	11.72	149	3075971	37.010	ng	100
75) Fluoranthene	12.36	202	2768852	37.470	ng	100
77) Benzidine	12.49	184	1262665	41.159	ng	97
78) Pyrene	12.59	202	2802477	37.420	ng	100
80) Butylbenzylphthalate	13.21	149	1298035	36.807	ng	99
81) Benzo(a)anthracene	13.77	228	1968773	35.532	ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	521212	24.962	ng	99
83) Chrysene	13.82	228	2194680	36.886	ng	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1576598	35.933	ng	99
85) Di-n-octyl phthalate	14.39	149	2957046	37.463	ng	100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1781843	32.996	ng	100
88) Benzo(b)fluoranthene	14.79	252	2045911	38.107	ng	98
89) Benzo(k)fluoranthene	14.82	252	1781382	38.297	ng	99
90) Benzo(a)pyrene	15.12	252	1740782	36.154	ng	99
91) Dibenzo(a,h)anthracene	16.52	278	1482005	34.743	ng	100
92) Benzo(g,h,i)perylene	16.91	276	1473046	34.245	ng	98

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

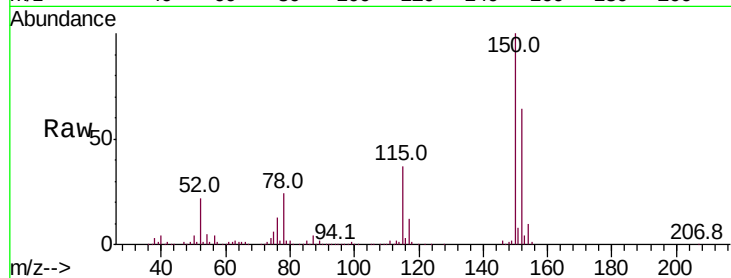


#1

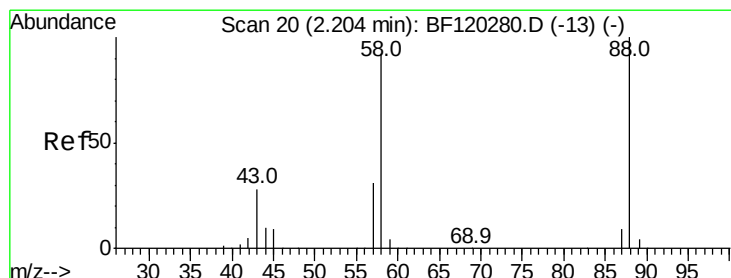
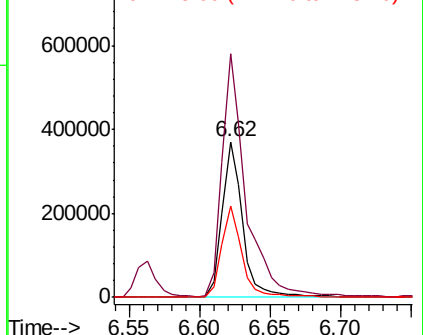
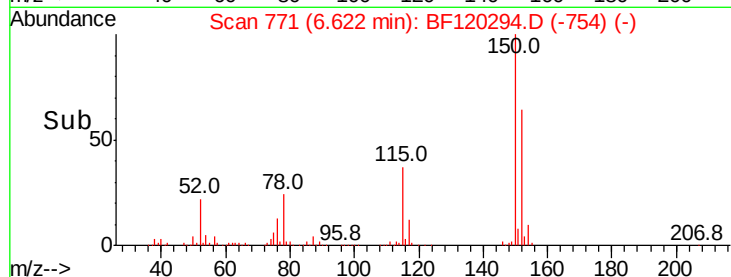
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Tot Ion:152 Resp: 375912
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.2 189.2
 115 58.6 47.9 71.9



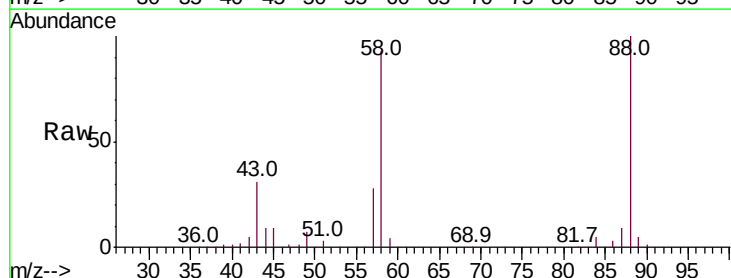
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



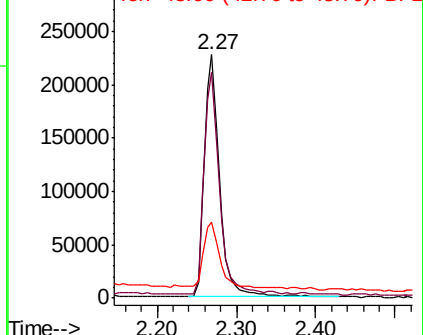
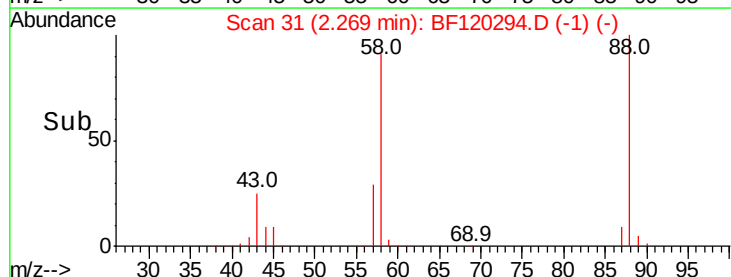
#2

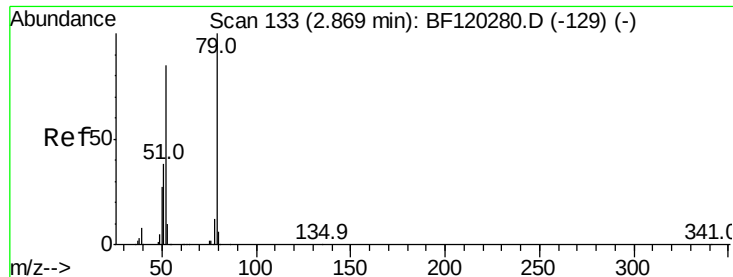
1,4-Dioxane
 Concen: 39.847 ng
 RT: 2.27 min Scan# 31
 Delta R.T. 0.06 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion: 88 Resp: 306242
 Ion Ratio Lower Upper
 88 100
 58 90.9 75.8 113.6
 43 28.1 23.6 35.4



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: 27.713 ng

RT: 2.94 min Scan# 145

Delta R.T. 0.07 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

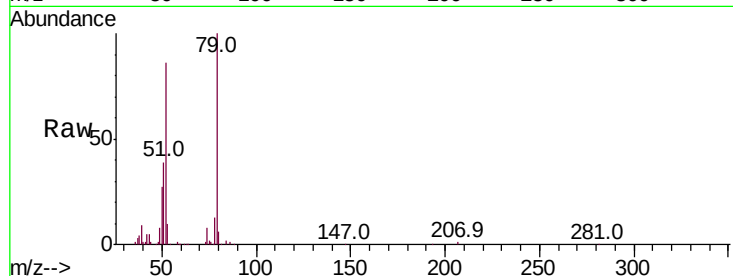
Tot Ion: 79 Resp: 669523

Ion Ratio Lower Upper

79 100

52 86.1 68.4 102.6

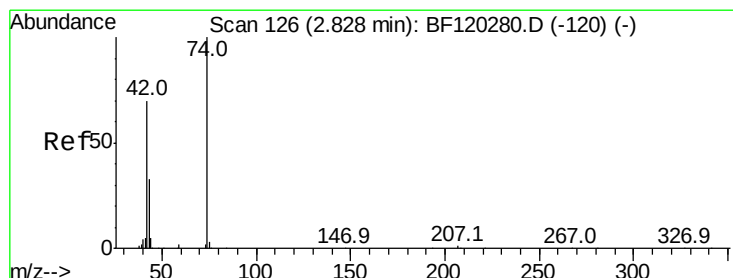
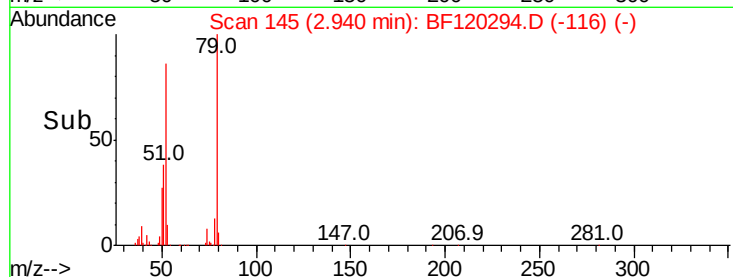
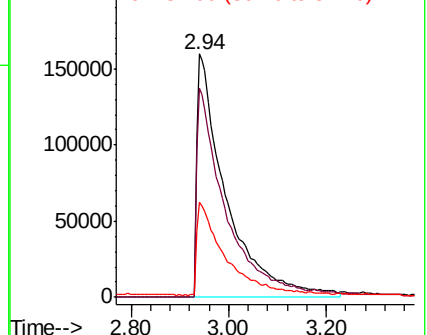
51 38.8 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.651 ng

RT: 2.89 min Scan# 137

Delta R.T. 0.06 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

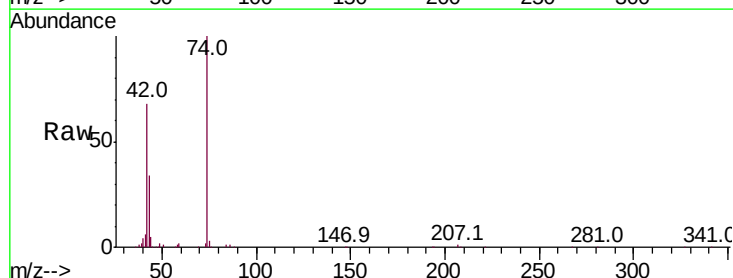
Tgt Ion: 42 Resp: 346702

Ion Ratio Lower Upper

42 100

74 146.1 114.8 172.2

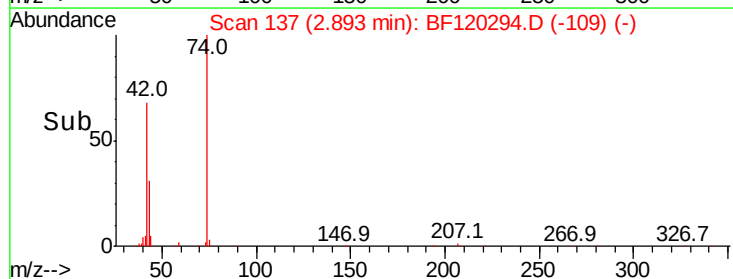
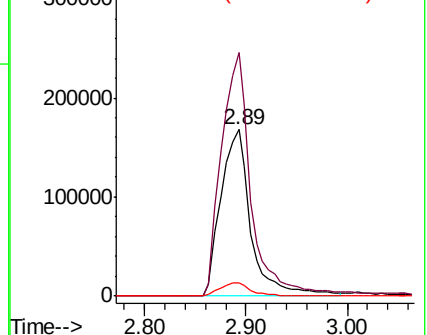
44 7.9 5.6 8.4

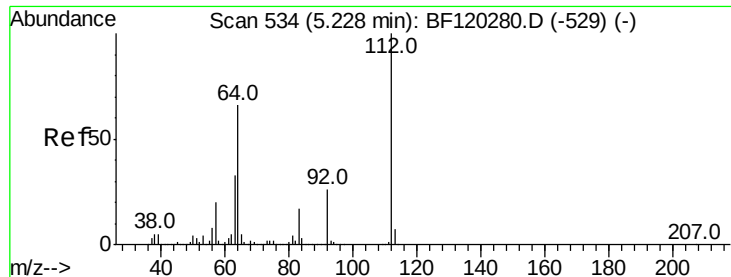


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 109.321 ng

RT: 5.24 min Scan# 536

Delta R.T. 0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

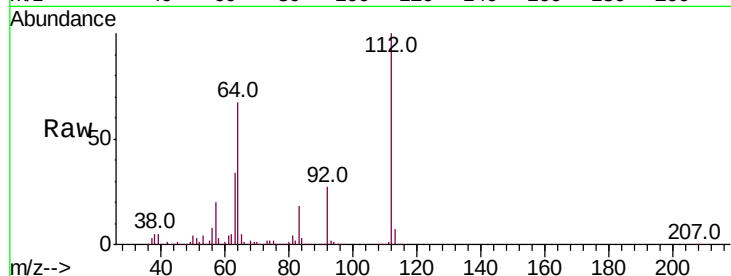
Tot Ion:112 Resp: 2112093

Ion Ratio Lower Upper

112 100

64 67.0 52.7 79.1

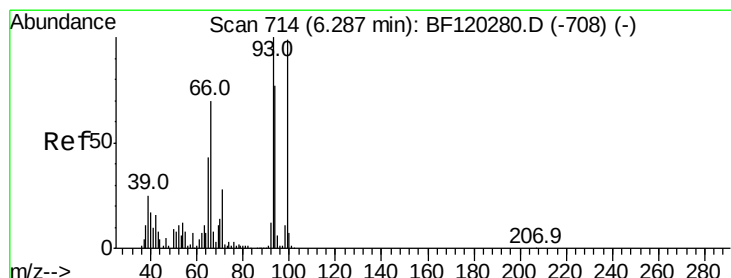
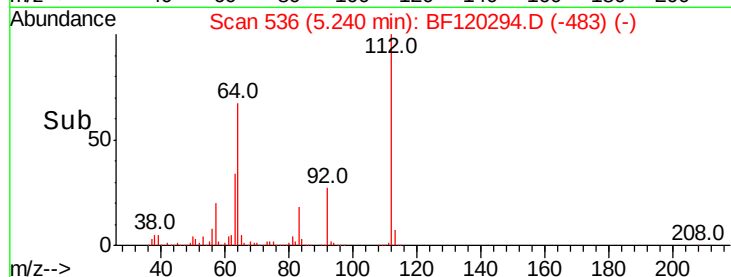
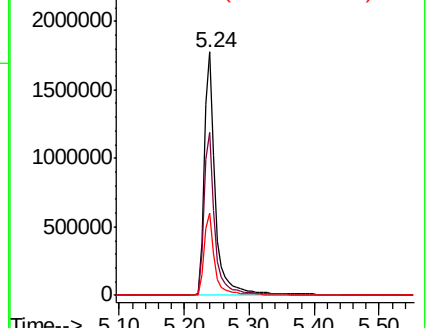
63 33.7 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.038 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

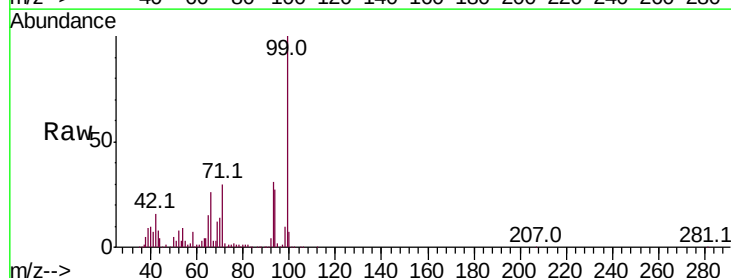
Tgt Ion: 93 Resp: 813576

Ion Ratio Lower Upper

93 100

66 82.7 56.2 84.4

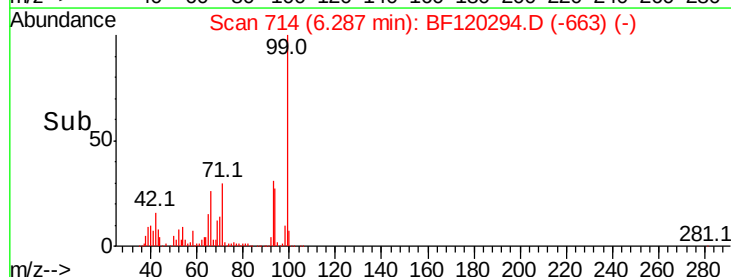
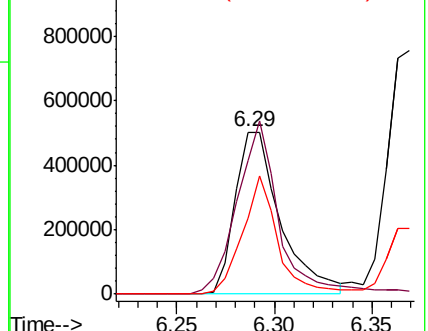
65 46.8 34.2 51.2

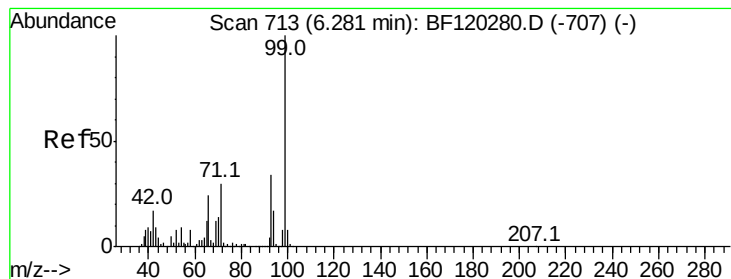


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 107.147 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

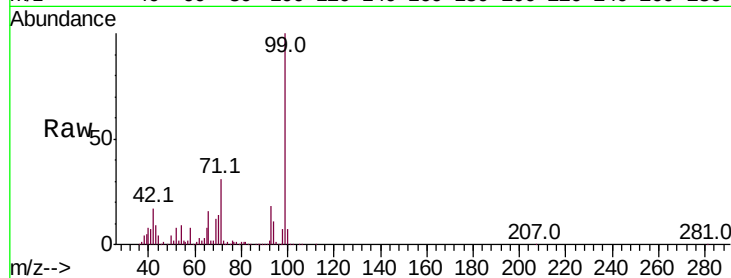
BNA_F

ClientSampleId :

PB128874BS

Tot Ion: 99 Resp: 2617825

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.6	20.4
71	31.0	24.2	36.4

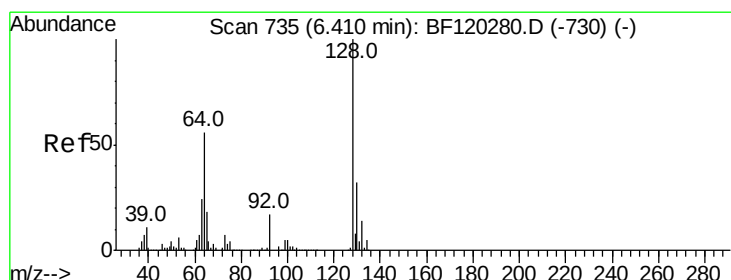
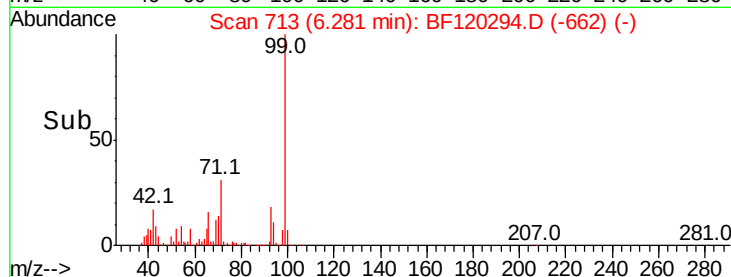
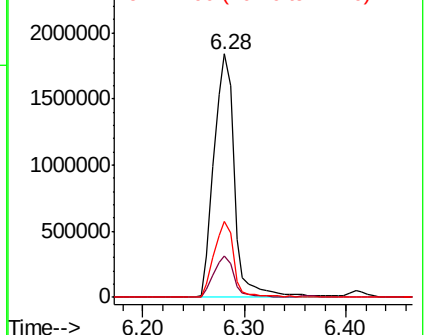


Abundance

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: 38.703 ng

RT: 6.41 min Scan# 735

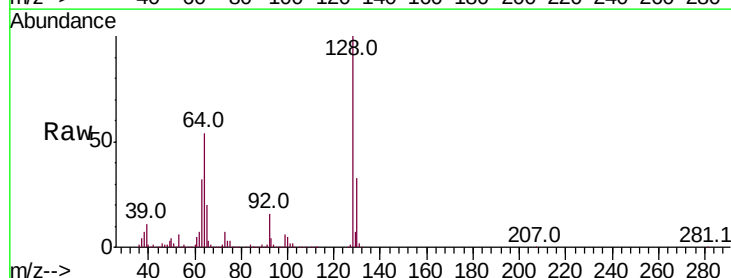
Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Tgt Ion: 128 Resp: 871849

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.4	52.4
64	54.3	36.7	76.7

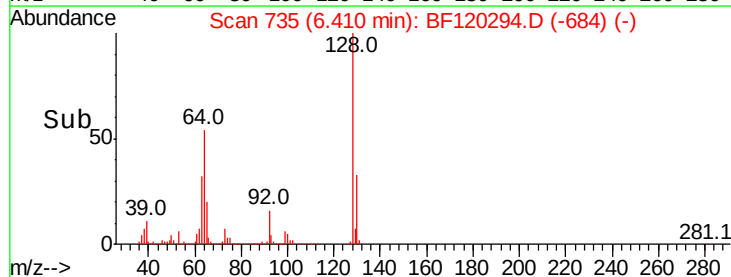
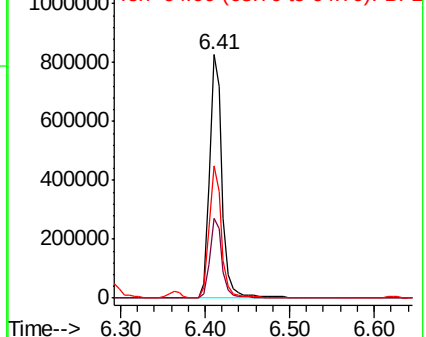


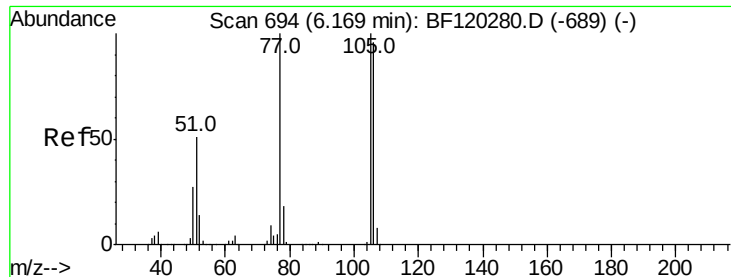
Abundance

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: 35.887 ng

RT: 6.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

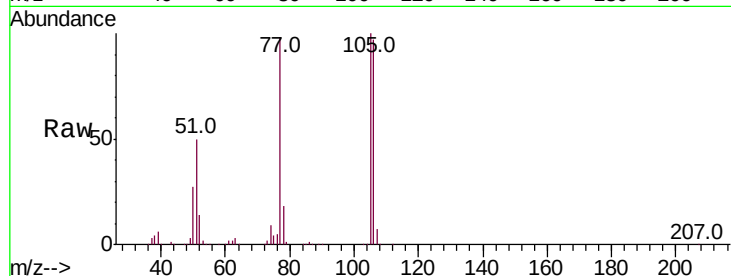
Tot Ion: 77 Resp: 540513

Ion Ratio Lower Upper

77 100

105 102.0 79.9 119.9

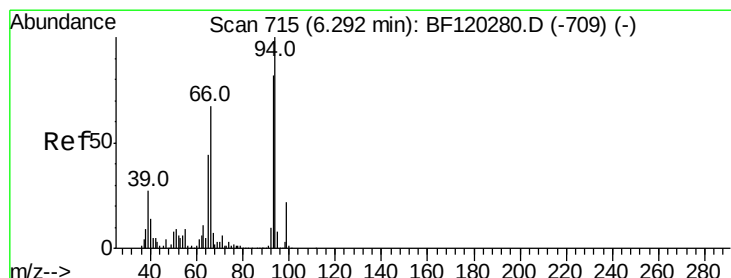
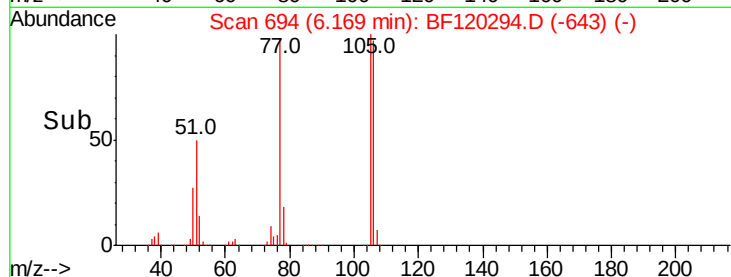
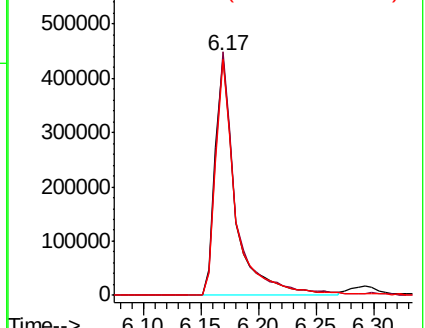
106 99.1 75.7 115.7



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: 36.255 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

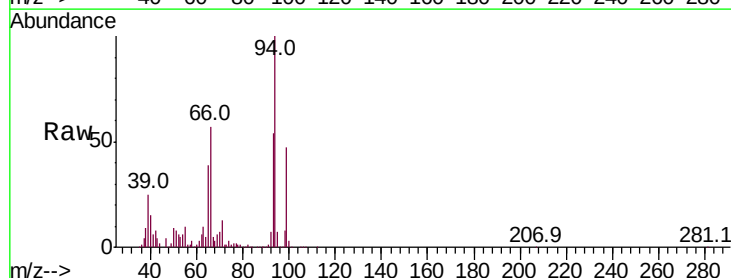
Tgt Ion: 94 Resp: 1034028

Ion Ratio Lower Upper

94 100

65 39.4 24.1 64.1

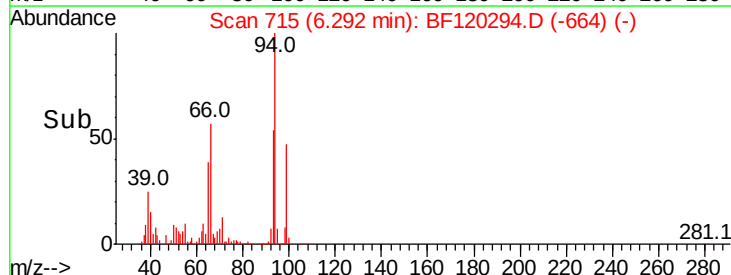
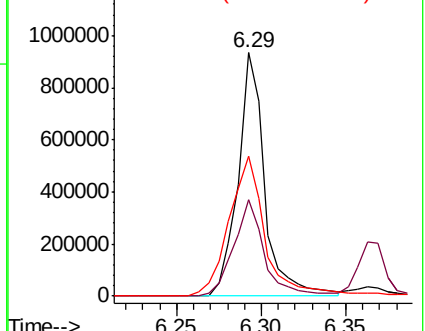
66 57.4 47.5 87.5

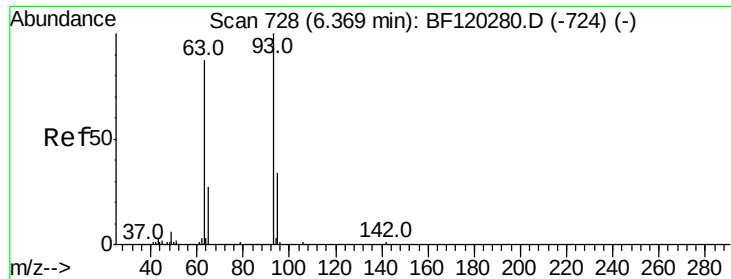


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

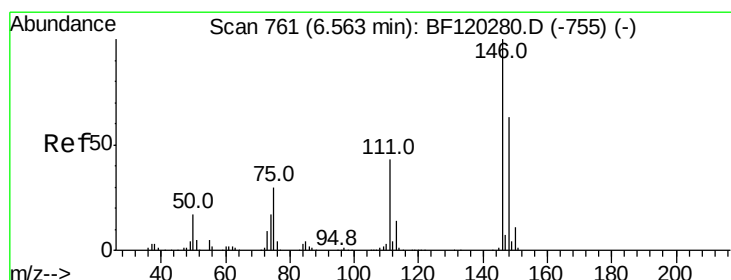
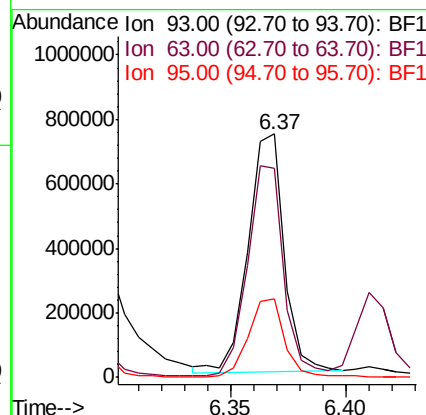
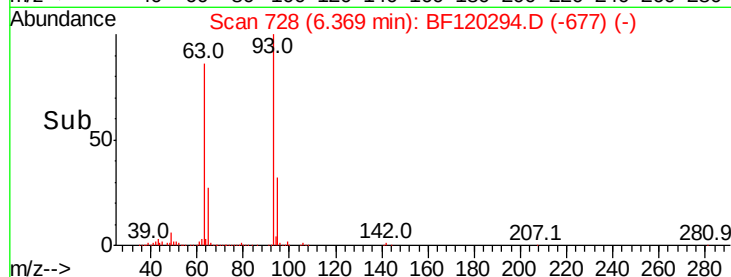
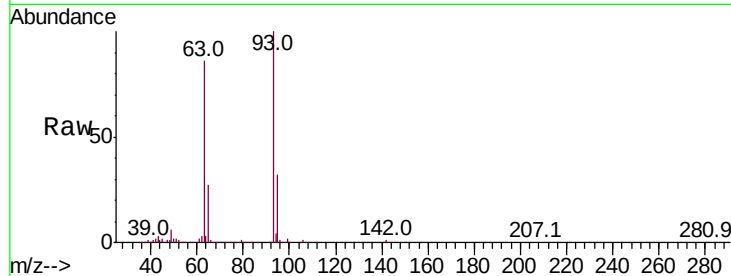




#11
bis(2-Chloroethyl)ether
Concen: 35.364 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

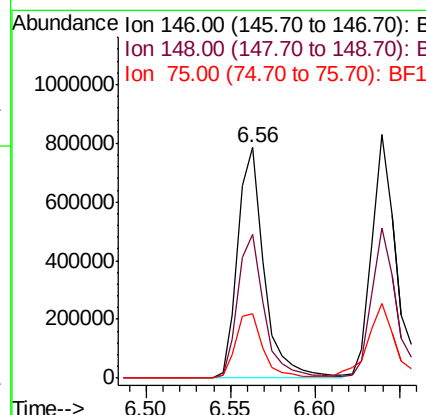
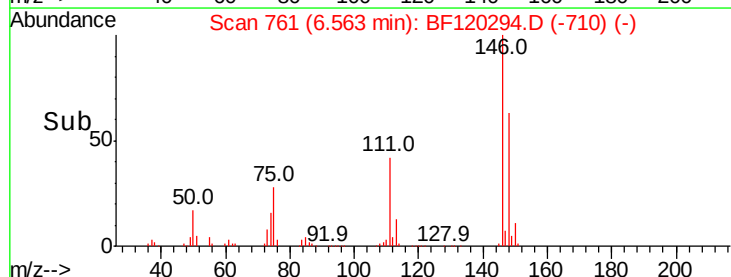
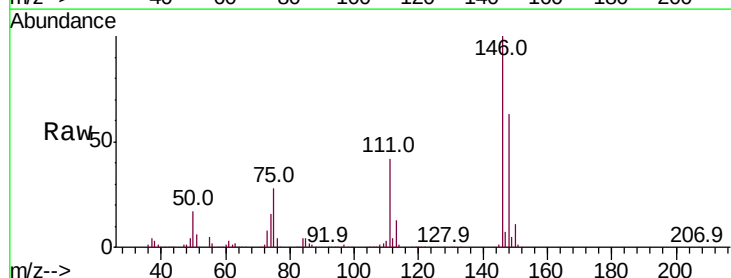
Instrument :
BNA_F
ClientSampleId :
PB128874BS

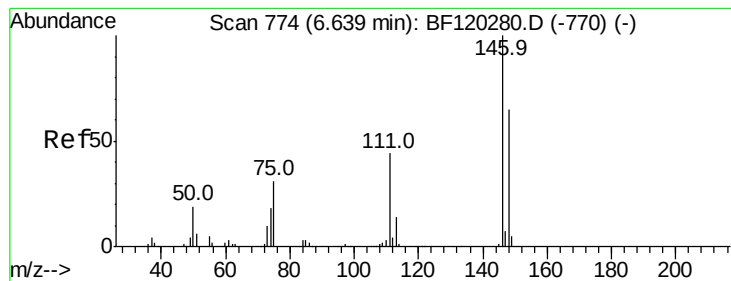
Tot Ion: 93 Resp: 805681
Ion Ratio Lower Upper
93 100
63 86.0 65.4 105.4
95 32.2 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 35.441 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion: 146 Resp: 854290
Ion Ratio Lower Upper
146 100
148 62.6 50.5 75.7
75 28.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.177 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

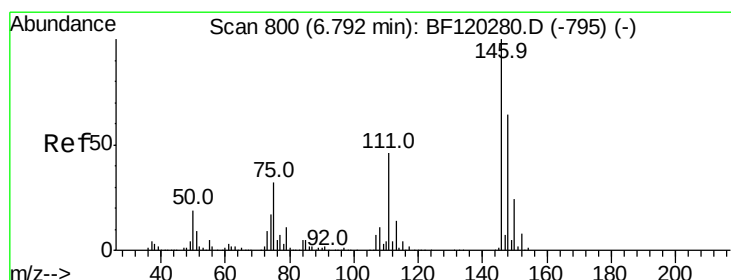
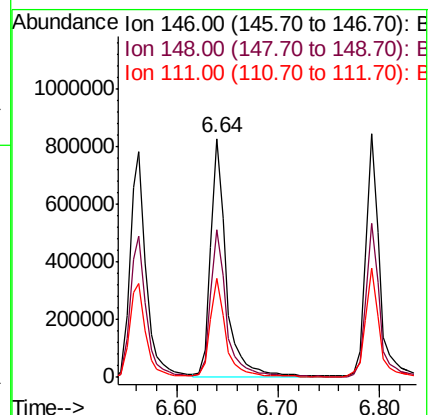
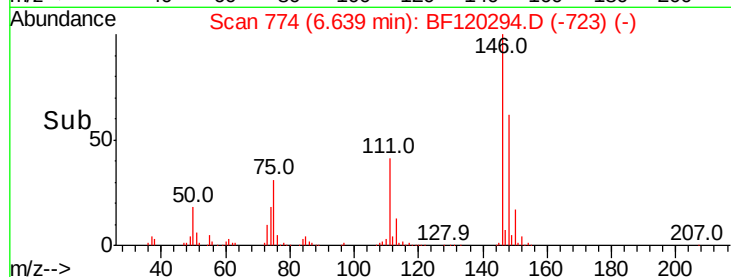
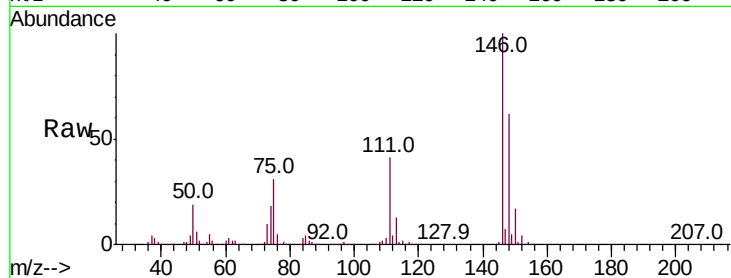
Tot Ion:146 Resp: 898154

Ion Ratio Lower Upper

146 100

148 61.7 51.6 77.4

111 41.4 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 35.994 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

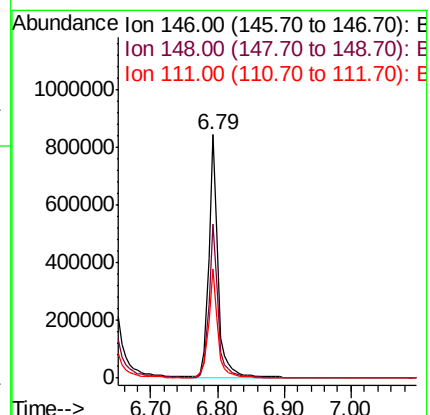
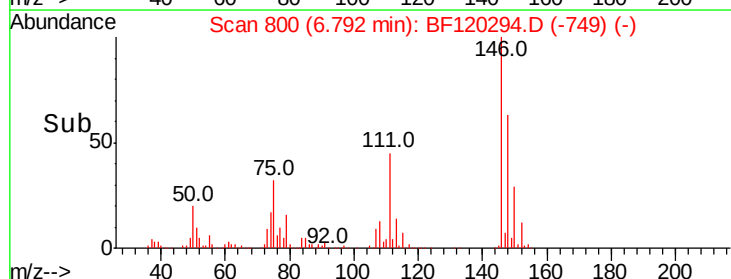
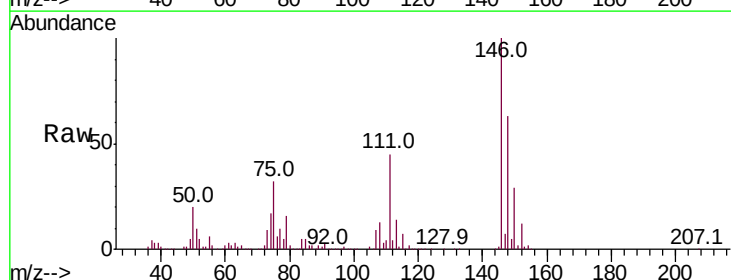
Tgt Ion:146 Resp: 804709

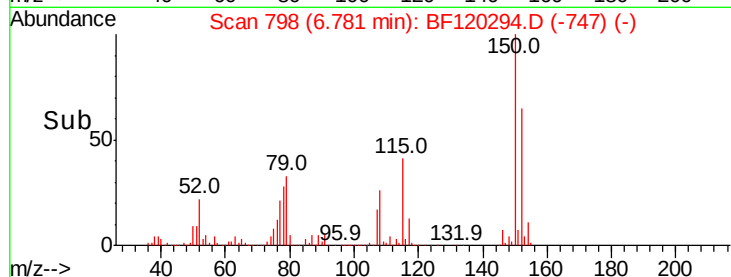
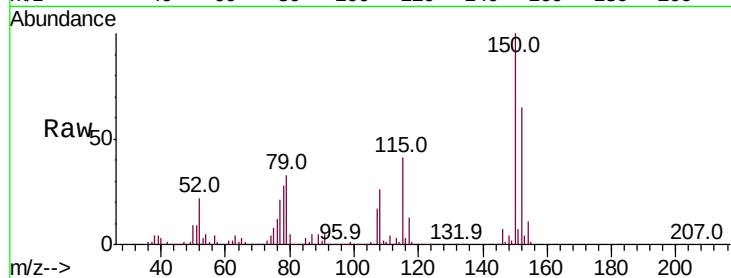
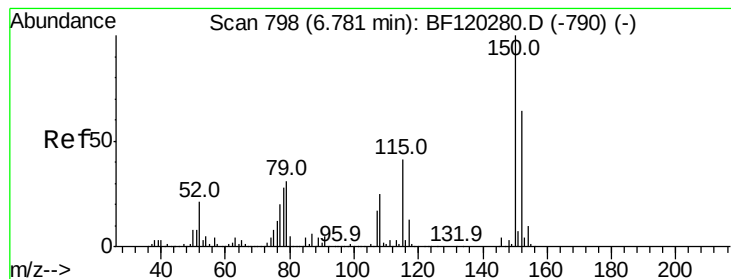
Ion Ratio Lower Upper

146 100

148 63.4 51.1 76.7

111 44.7 36.6 55.0





#15

Benzyl Alcohol

Concen: 37.201 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

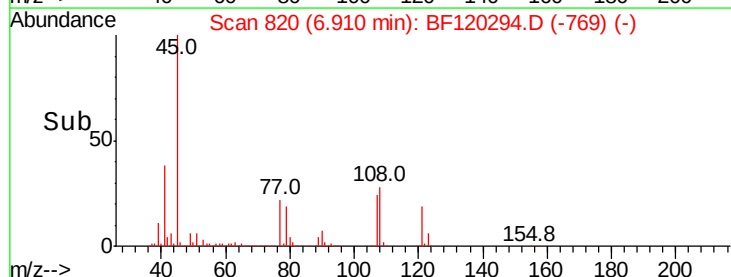
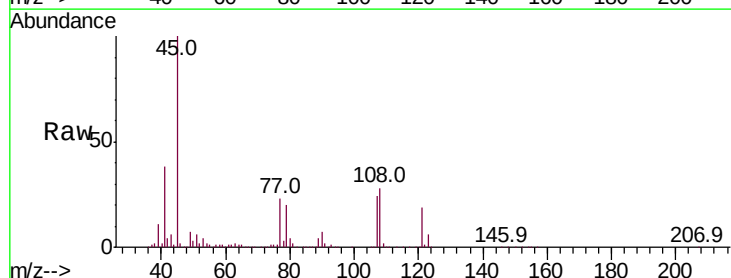
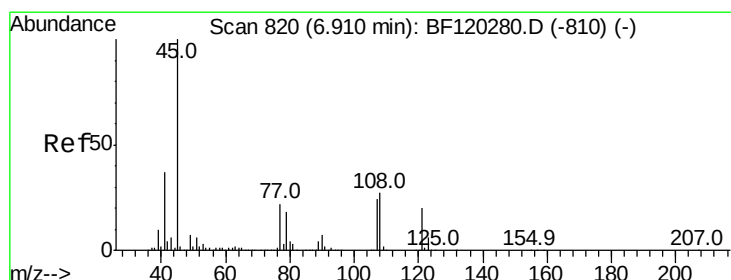
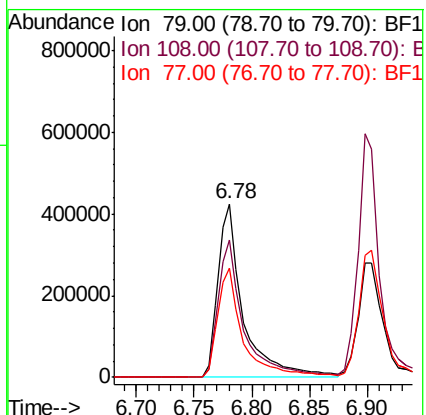
Tot Ion: 79 Resp: 645712

Ion Ratio Lower Upper

79 100

108 78.9 64.2 96.4

77 63.3 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.056 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

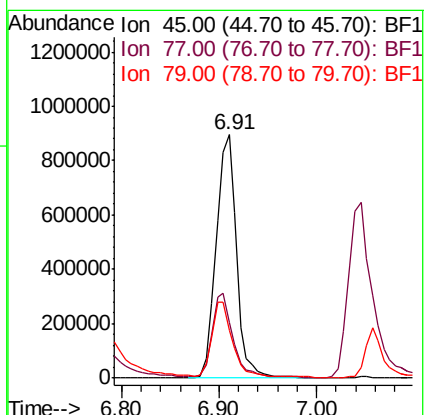
Tgt Ion: 45 Resp: 1294523

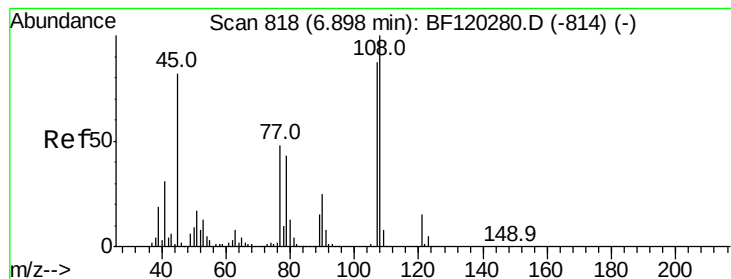
Ion Ratio Lower Upper

45 100

77 22.5 3.1 43.1

79 19.6 0.0 40.0





#17

2-Methylphenol

Concen: 35.522 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

Tot Ion:107 Resp: 675502

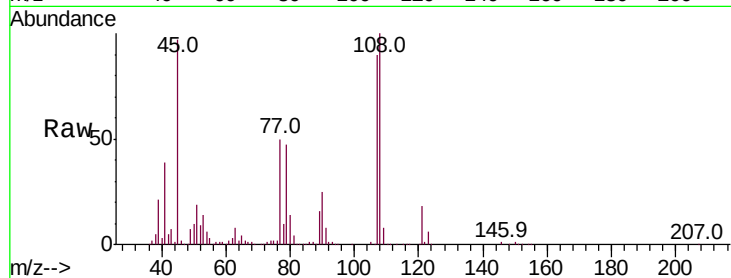
Ion Ratio Lower Upper

107 100

108 111.0 92.4 138.6

77 55.7 44.5 66.7

79 52.0 40.4 60.6

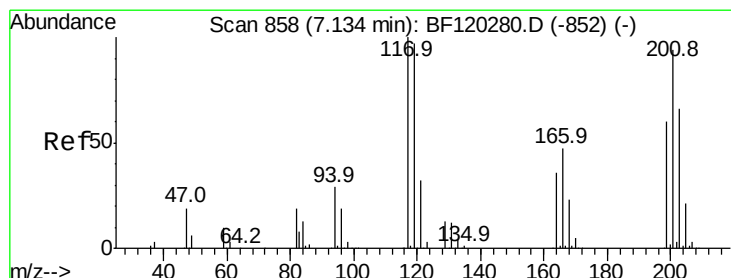
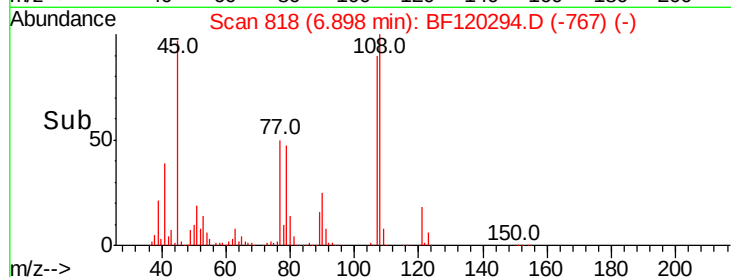
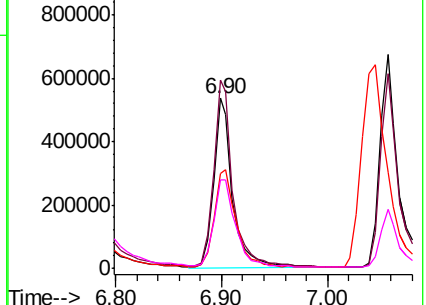


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.126 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

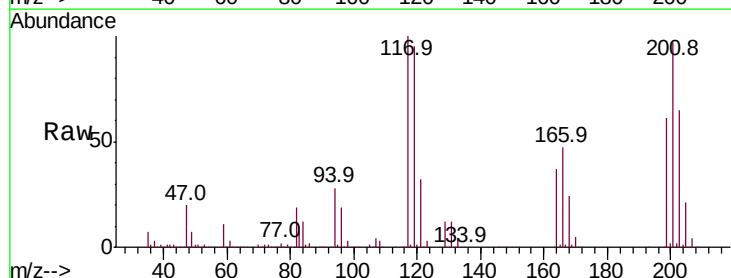
Tgt Ion:117 Resp: 332208

Ion Ratio Lower Upper

117 100

119 95.0 77.4 116.0

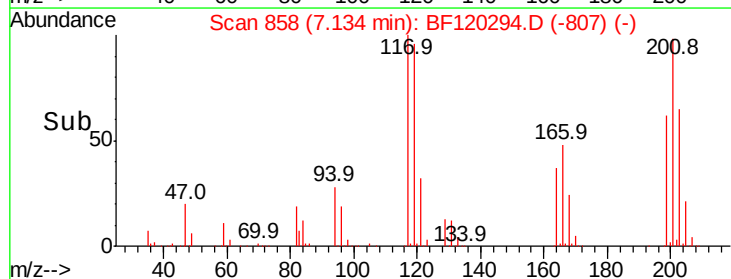
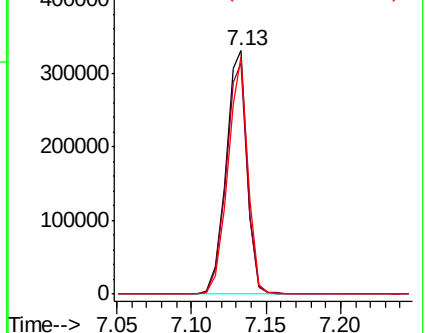
201 97.4 74.9 112.3

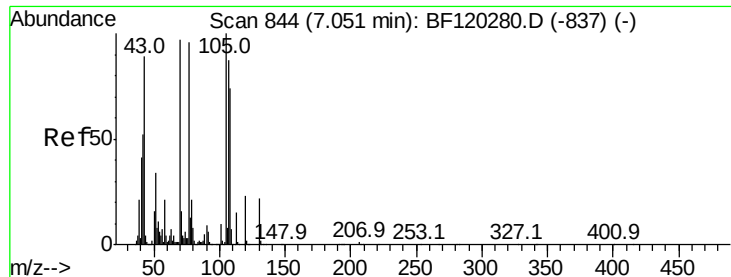


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

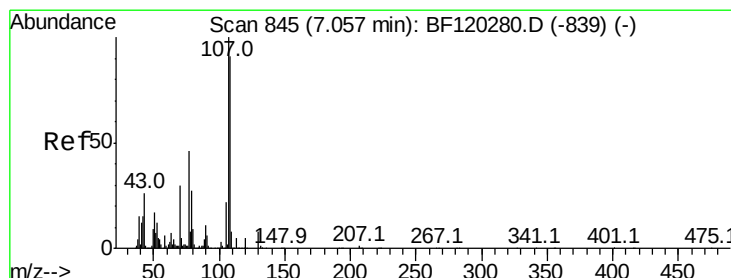
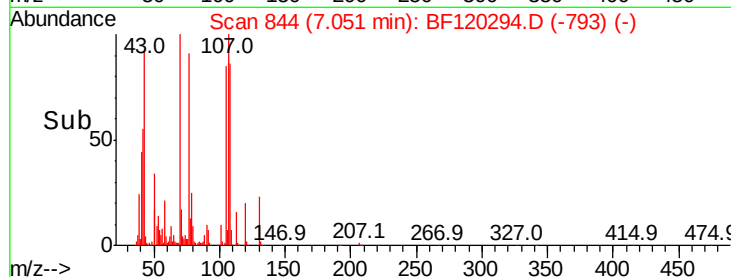
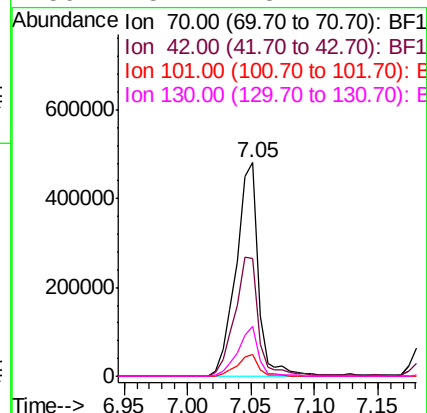
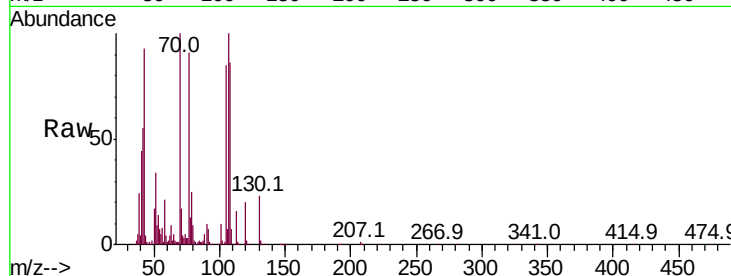




#19
n-Nitroso-di-n-propylamine
Concen: 36.657 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

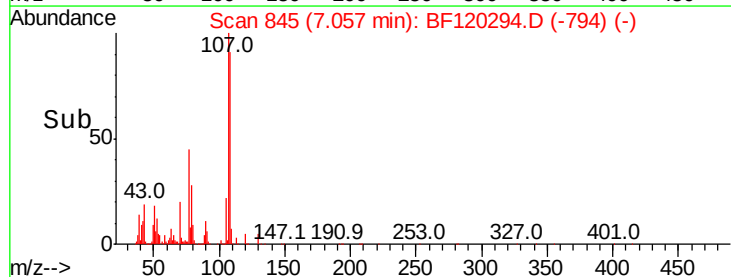
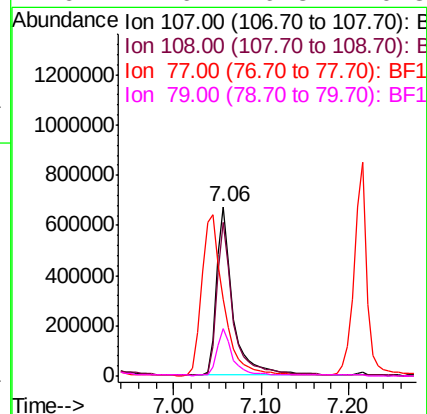
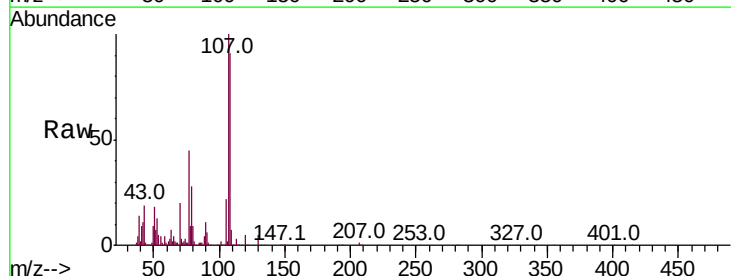
Instrument :
BNA_F
ClientSampleId :
PB128874BS

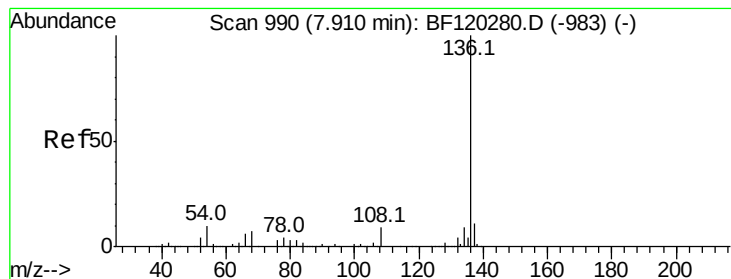
Tot Ion:	70	Resp:	586737
Ion	Ratio	Lower	Upper
70	100		
42	55.3	43.4	65.0
101	10.0	7.8	11.8
130	23.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 35.093 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion:	107	Resp:	867661
Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.1	111.1
77	45.2	28.1	68.1
79	27.6	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

Tot Ion:136 Resp: 1517557

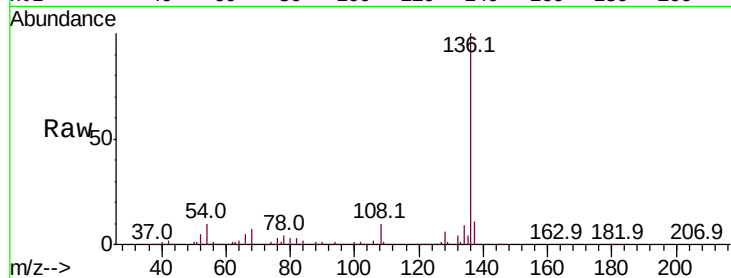
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.7 7.9 11.9

68 6.6 5.4 8.2

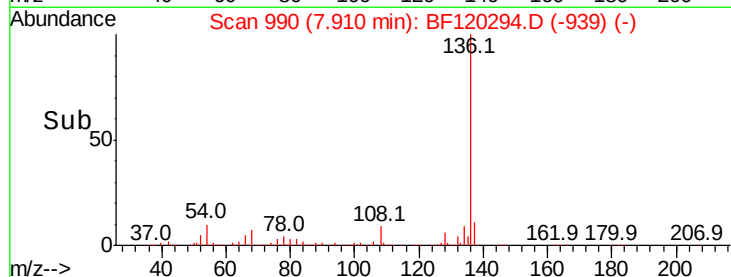


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Abundance

7.91

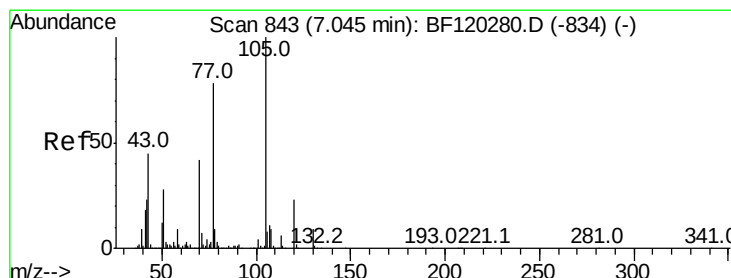
1500000

1000000

500000

0

Time-->



#22

Acetophenone

Concen: 37.272 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Tgt Ion:105 Resp: 1158759

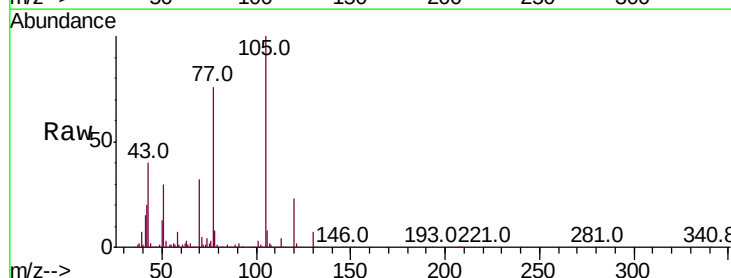
Ion Ratio Lower Upper

105 100

71 5.4 5.6 8.4#

51 29.8 22.6 34.0

120 22.9 18.7 28.1

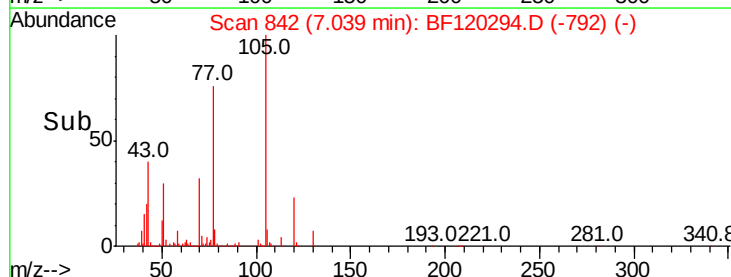


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Abundance

7.04

1200000

1000000

800000

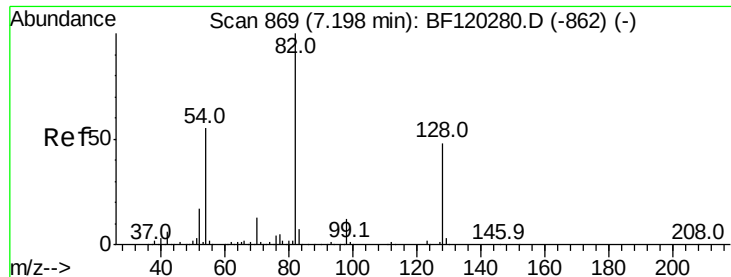
600000

400000

200000

0

Time-->

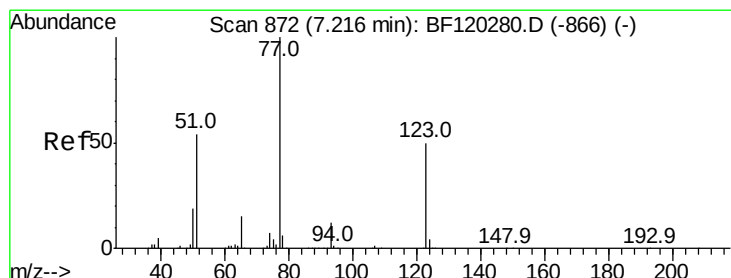
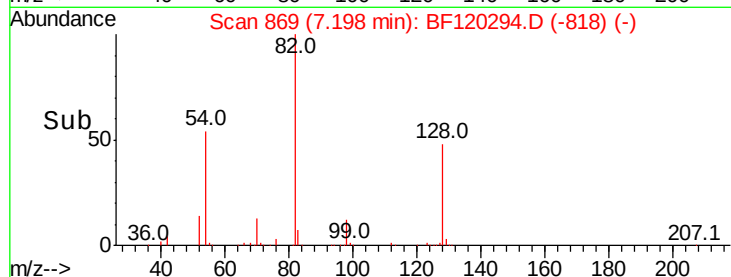
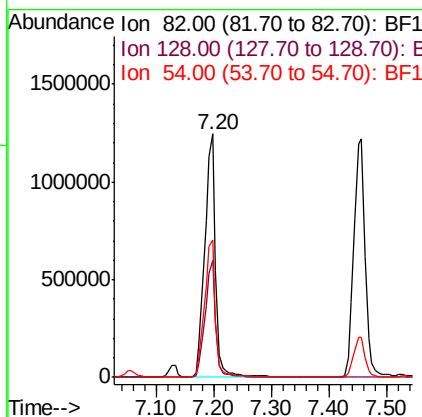
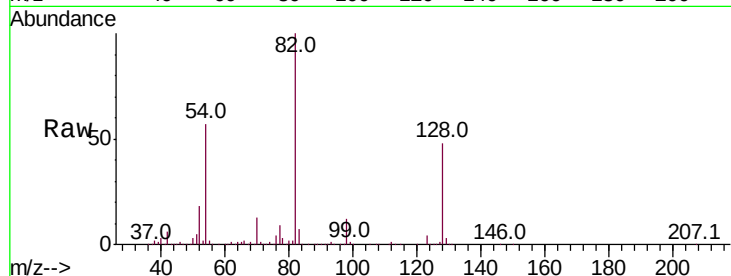


#23
Nitrobenzene-d5
Concen: 76.345 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion: 82 Resp: 1692180

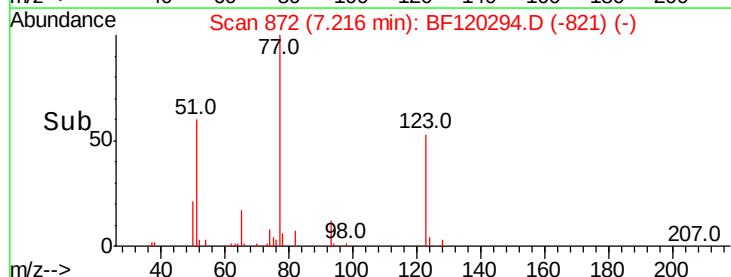
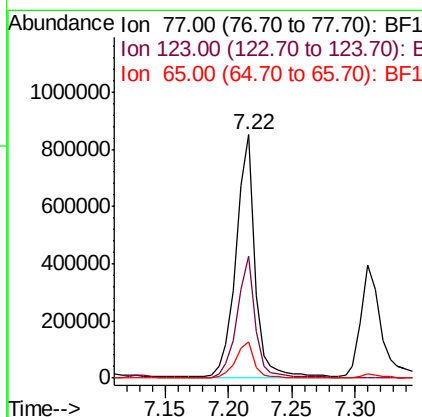
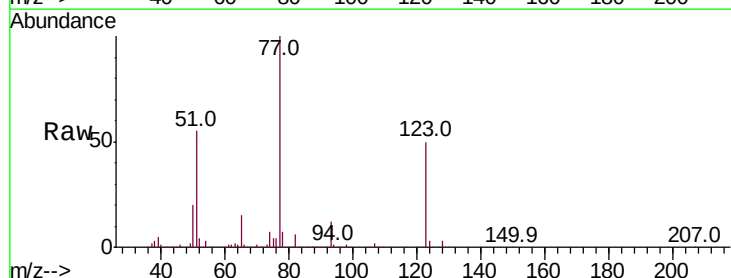
Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.3	57.5
54	56.5	43.9	65.9

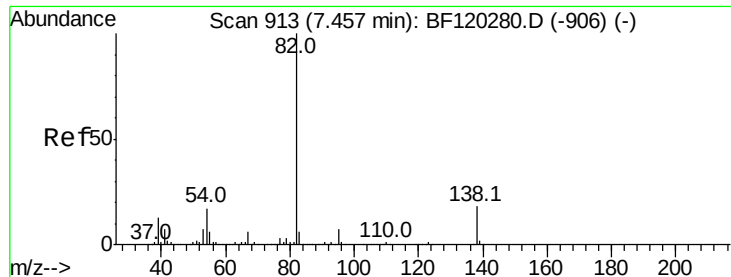


#24
Nitrobenzene
Concen: 36.770 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion: 77 Resp: 877122

Ion	Ratio	Lower	Upper
77	100		
123	50.2	40.0	60.0
65	14.9	11.7	17.5

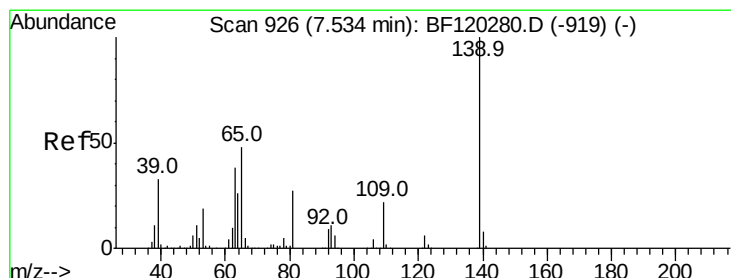
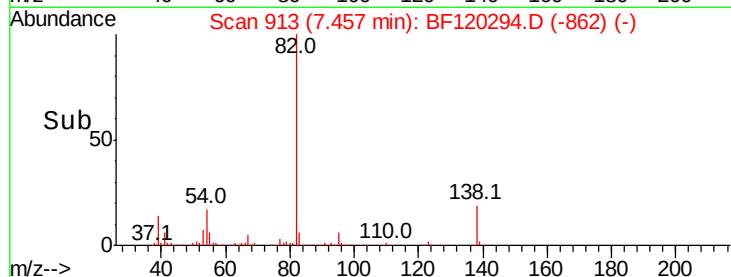
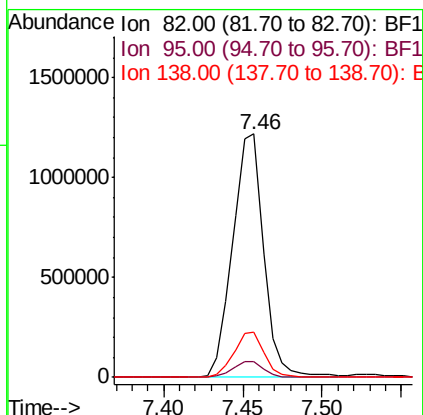
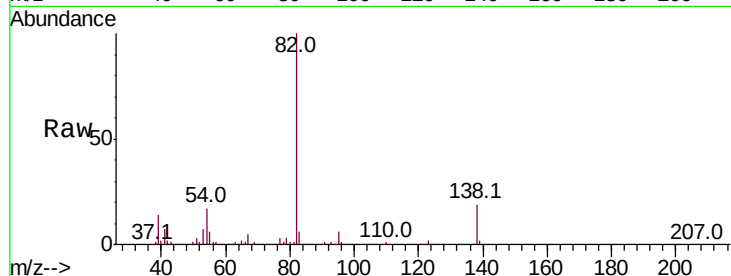




#25
Isophorone
Concen: 35.873 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

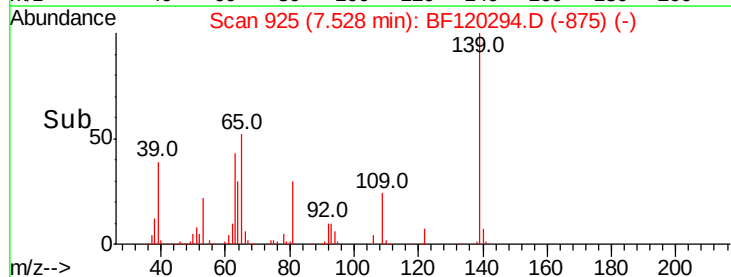
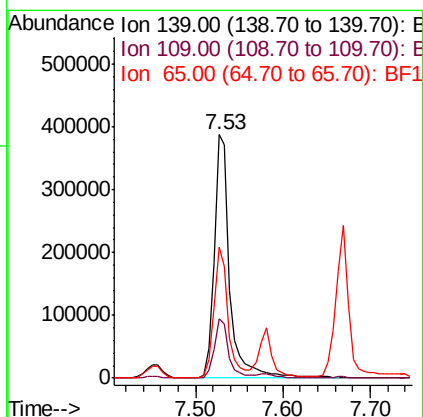
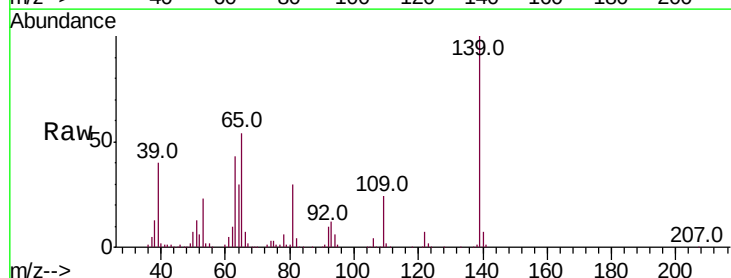
Instrument :
BNA_F
ClientSampleId :
PB128874BS

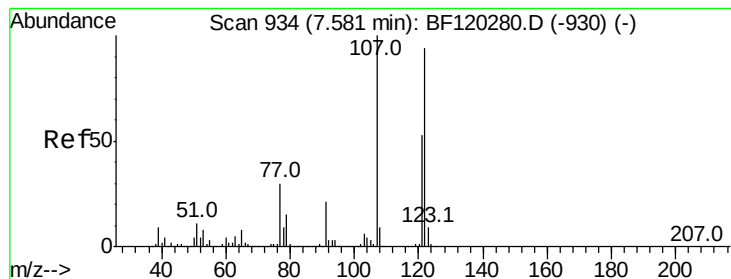
Tot Ion: 82 Resp: 1654386
Ion Ratio Lower Upper
82 100
95 6.4 5.4 8.0
138 18.8 14.7 22.1



#26
2-Nitrophenol
Concen: 37.934 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion: 139 Resp: 473260
Ion Ratio Lower Upper
139 100
109 24.3 17.7 26.5
65 53.7 38.3 57.5





#27

2,4-Dimethylphenol

Concen: 40.958 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

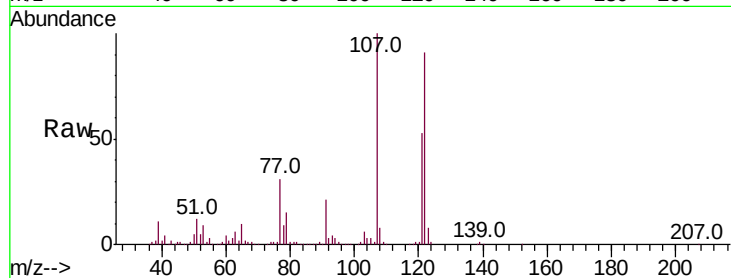
Tot Ion:122 Resp: 743306

Ion Ratio Lower Upper

122 100

107 109.7 85.0 127.6

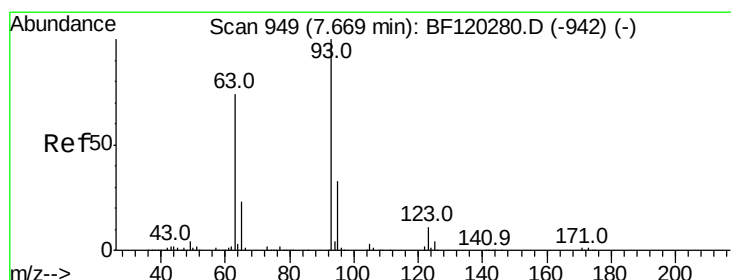
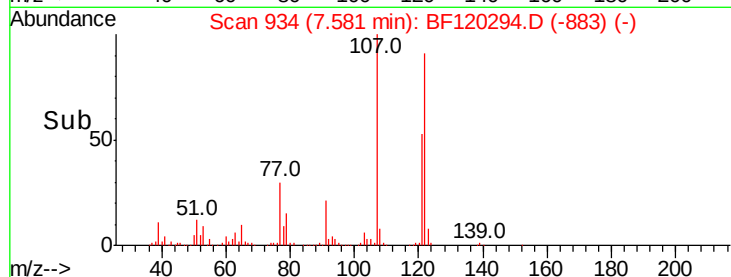
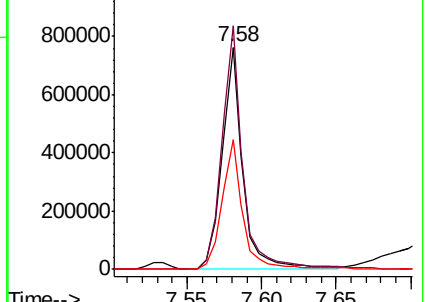
121 58.5 45.1 67.7



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: 37.327 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

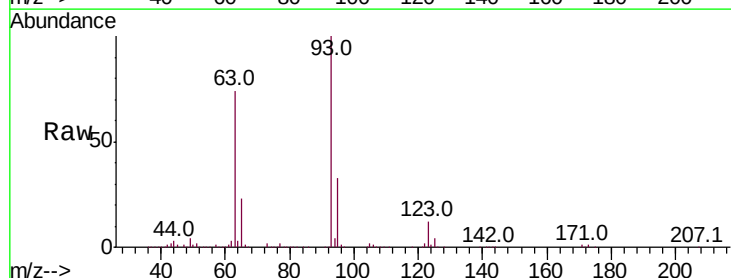
Tgt Ion: 93 Resp: 1082014

Ion Ratio Lower Upper

93 100

95 32.9 26.8 40.2

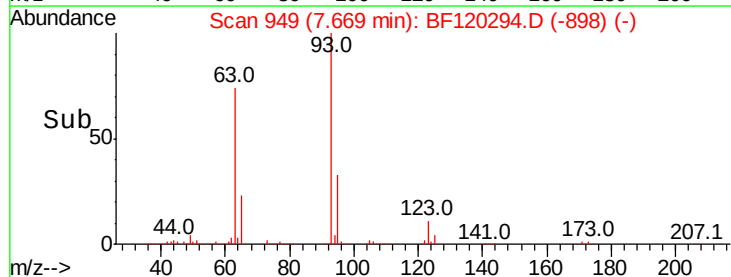
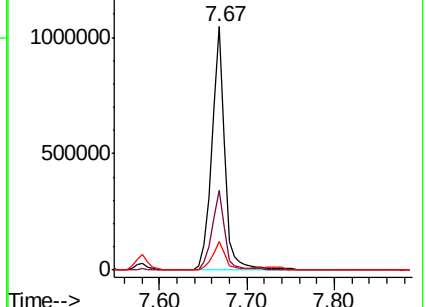
123 11.6 9.2 13.8

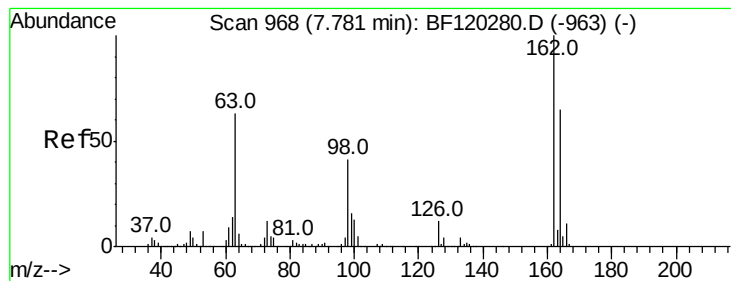


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.920 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

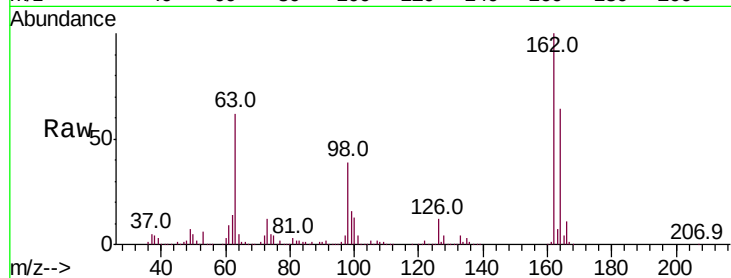
Tot Ion:162 Resp: 706786

Ion Ratio Lower Upper

162 100

164 64.2 44.9 84.9

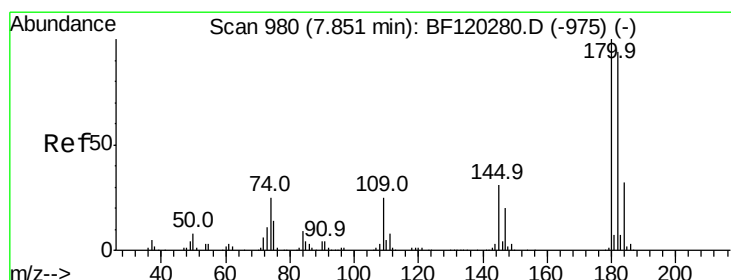
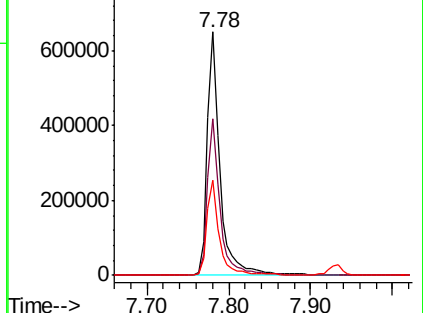
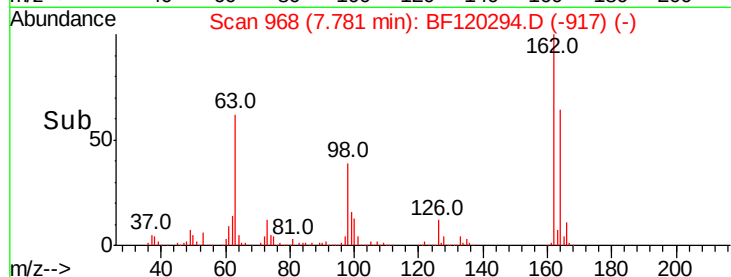
98 39.3 20.7 60.7



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: 36.583 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

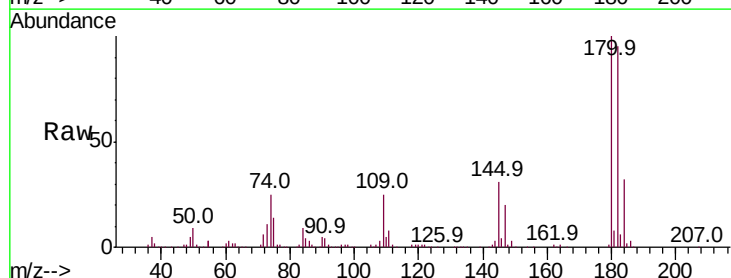
Tgt Ion:180 Resp: 755606

Ion Ratio Lower Upper

180 100

182 94.8 75.3 112.9

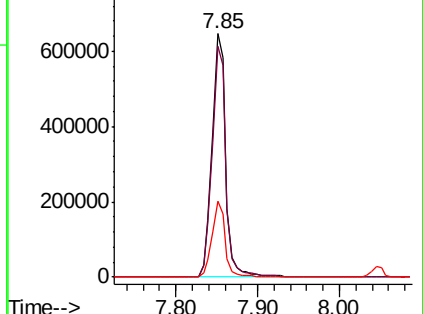
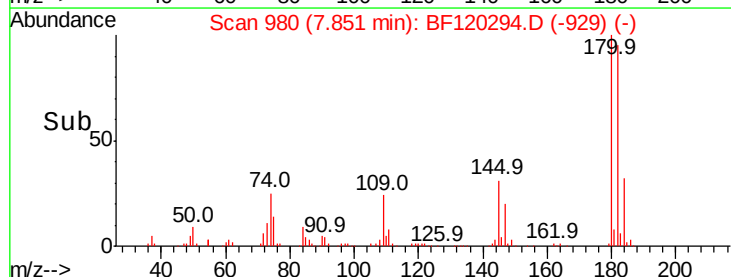
145 31.0 24.9 37.3

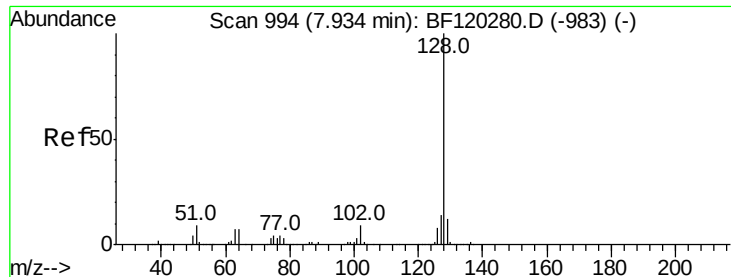


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

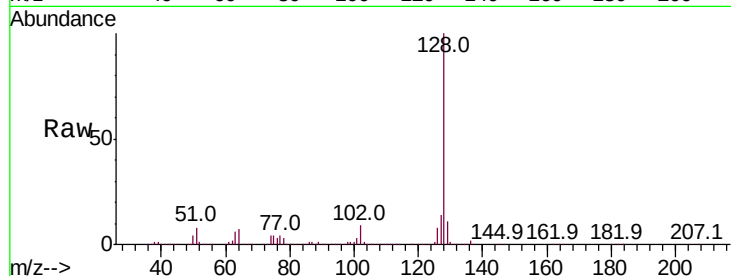




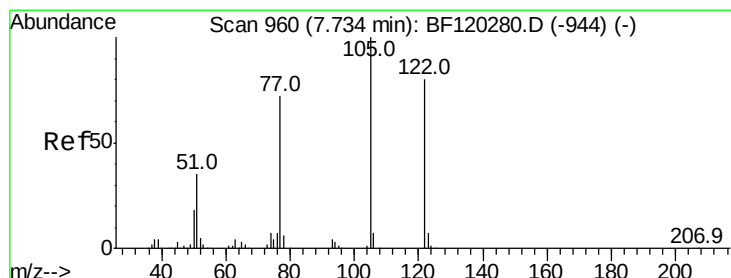
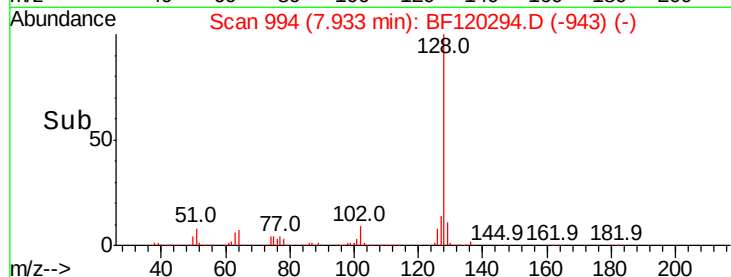
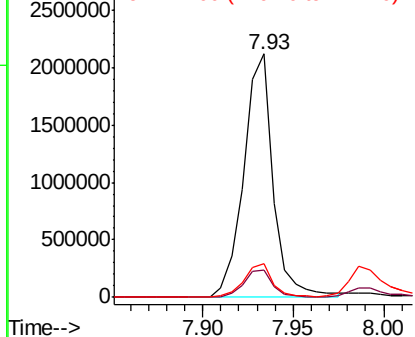
#31
Naphthalene
Concen: 37.313 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampled :
PB128874BS

Tot Ion:128 Resp: 2389841
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.6 11.2 16.8

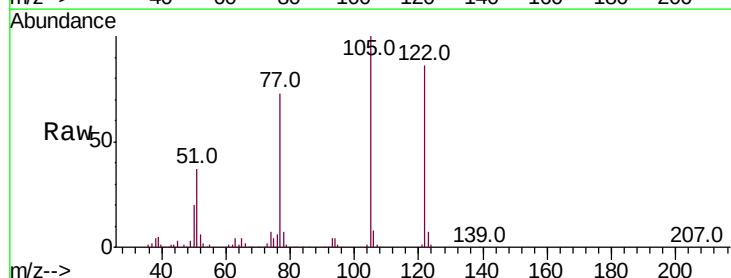


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

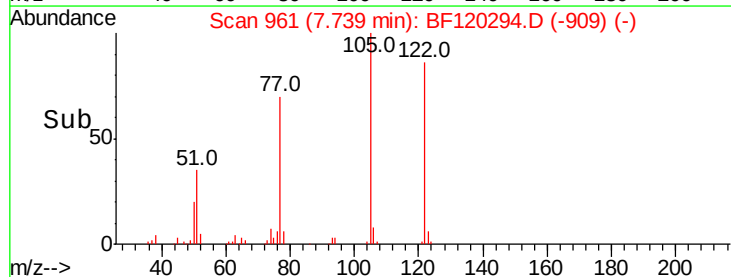
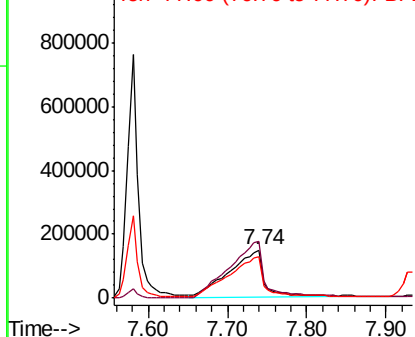


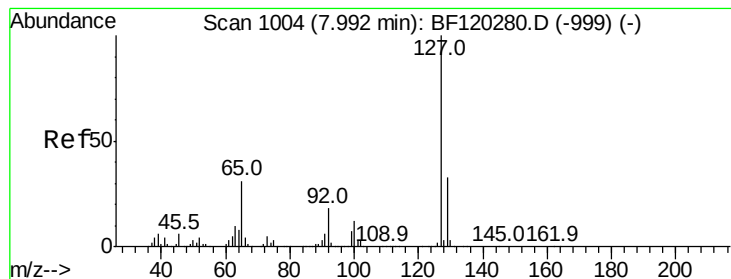
#32
Benzoic acid
Concen: 36.806 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion:122 Resp: 437835
Ion Ratio Lower Upper
122 100
105 116.8 98.1 138.1
77 85.8 66.7 106.7



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: 14.462 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

Tot Ion:127 Resp: 422127

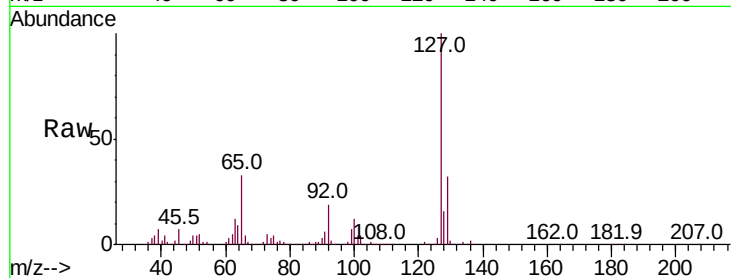
Ion Ratio Lower Upper

127 100

129 31.6 26.4 39.6

65 32.7 24.8 37.2

92 19.3 14.5 21.7

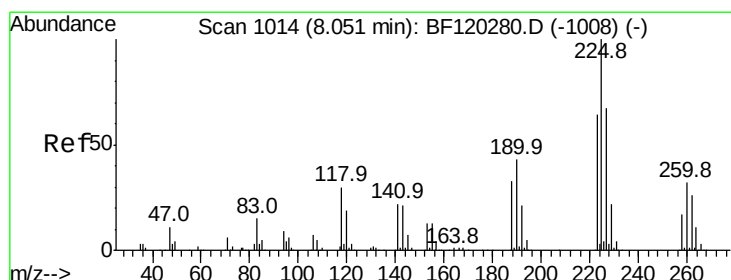
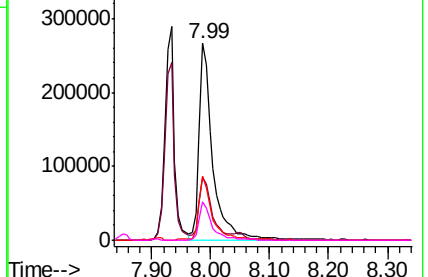
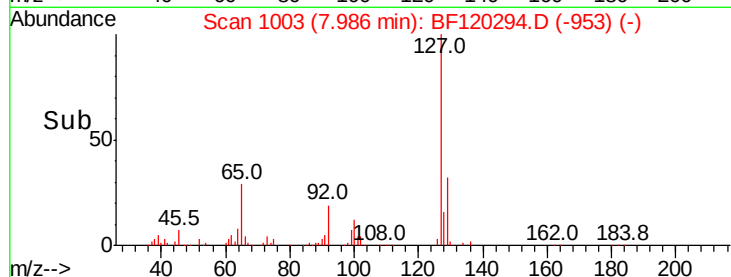


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 35.859 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

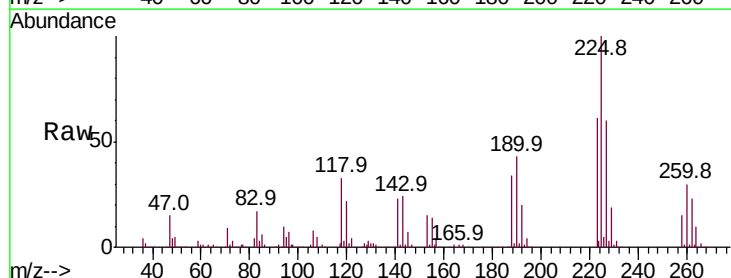
Tgt Ion:225 Resp: 428102

Ion Ratio Lower Upper

225 100

223 61.1 51.4 77.0

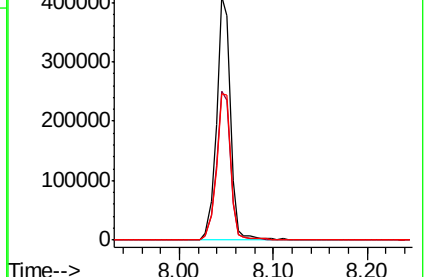
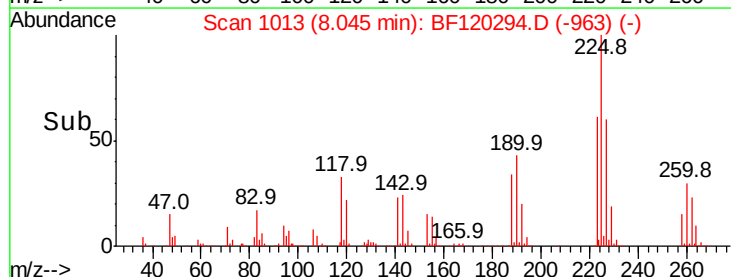
227 60.1 54.0 81.0

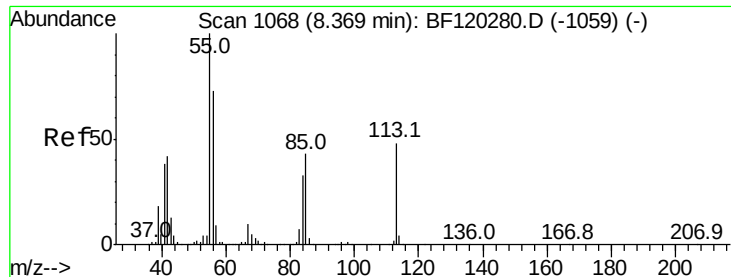


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

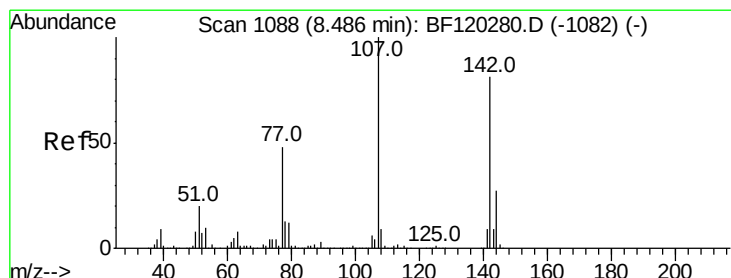
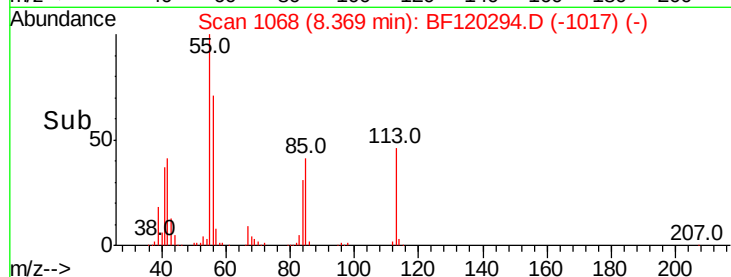
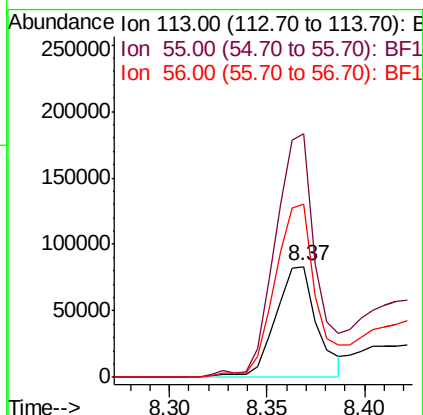
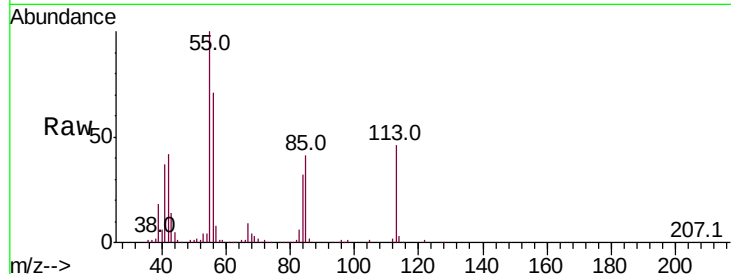




#35
 Caprolactam
 Concen: 20.082 ng
 RT: 8.37 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

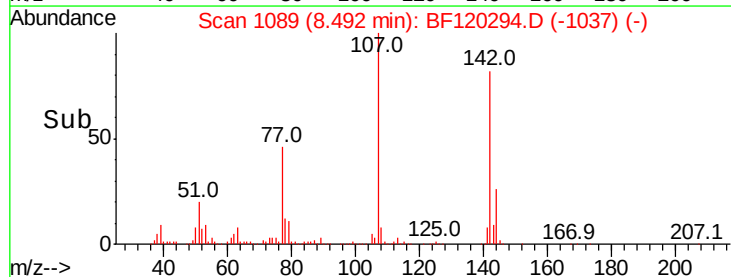
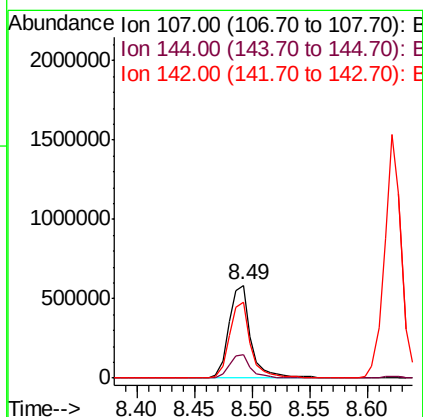
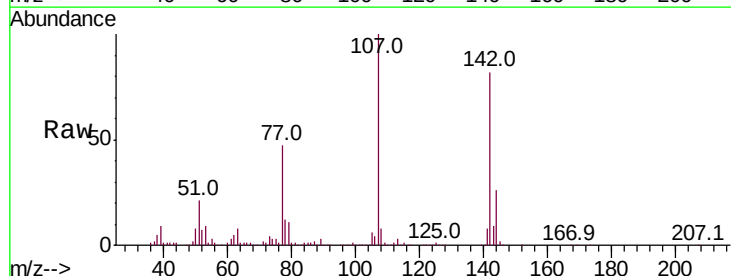
Instrument :
 BNA_F
 ClientSampleID :
 PB128874BS

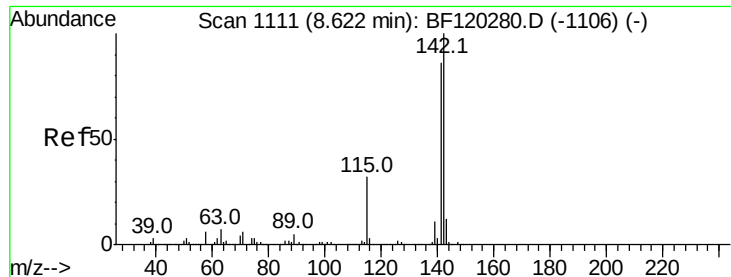
Tot Ion:113 Resp: 122458
 Ion Ratio Lower Upper
 113 100
 55 219.7 190.4 230.4
 56 156.5 132.7 172.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.833 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion:107 Resp: 762839
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.4 32.2
 142 82.2 65.1 97.7

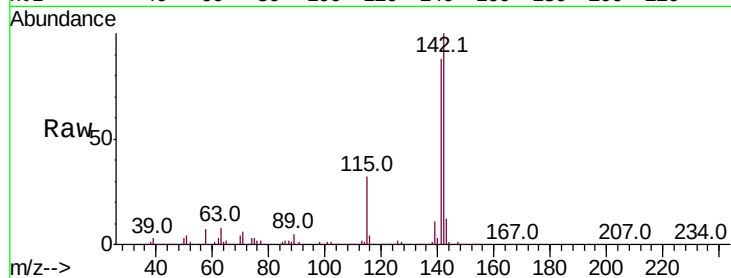




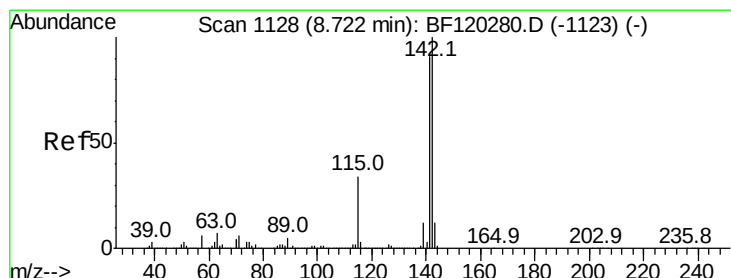
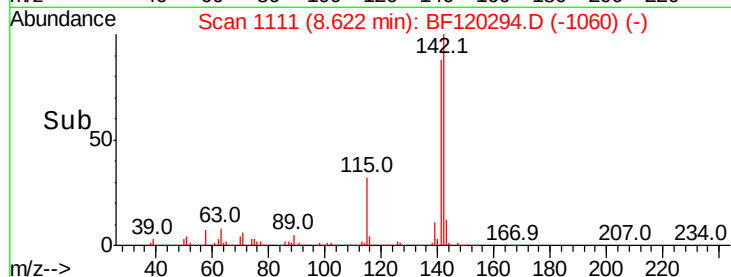
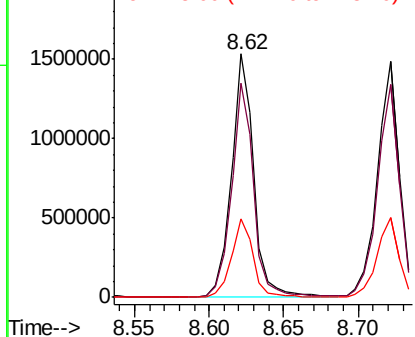
#37
2-Methylnaphthalene
Concen: 36.924 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion:142 Resp: 1618358
Ion Ratio Lower Upper
142 100
141 88.2 68.8 103.2
115 32.4 25.7 38.5

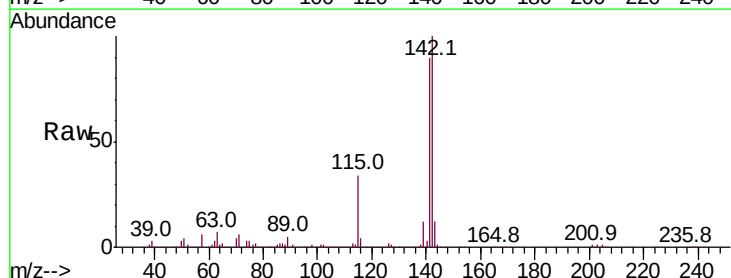


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

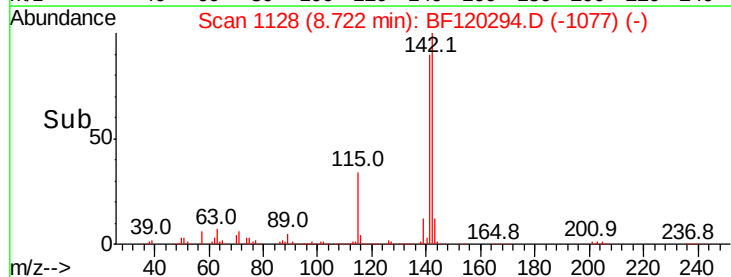
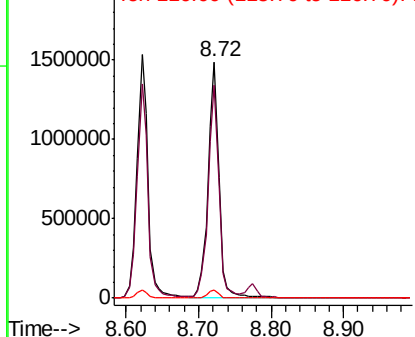


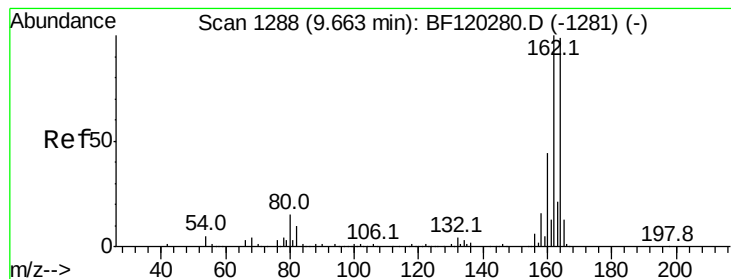
#38
1-Methylnaphthalene
Concen: 36.815 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion:142 Resp: 1564980
Ion Ratio Lower Upper
142 100
141 90.0 73.0 109.6
116 3.6 2.7 4.1



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: 9.66 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

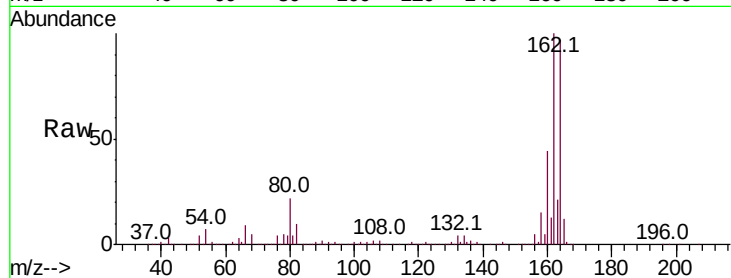
Tot Ion:164 Resp: 776071

Ion Ratio Lower Upper

164 100

162 102.9 81.2 121.8

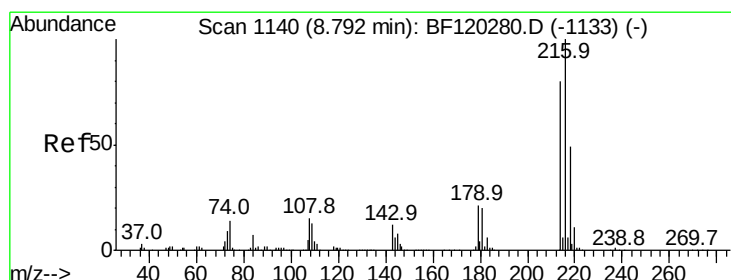
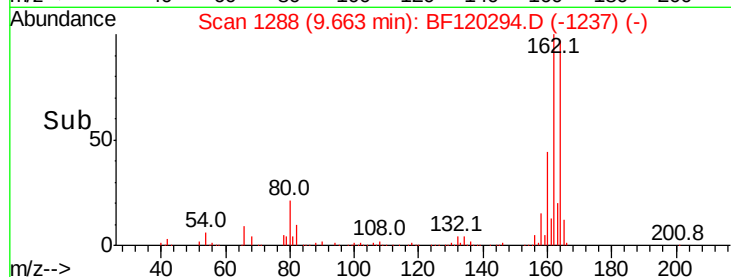
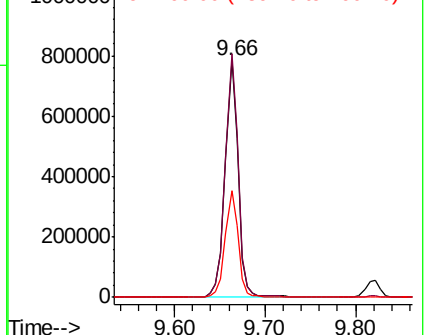
160 45.1 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.162 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Tgt Ion:216 Resp: 727220

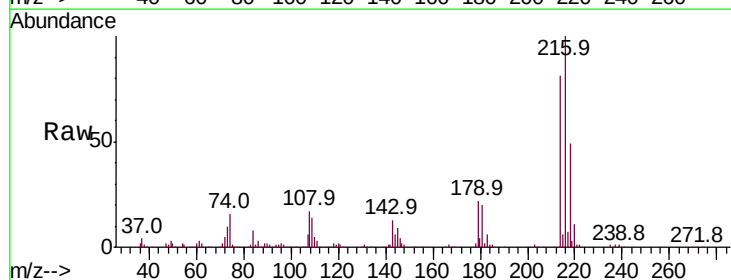
Ion Ratio Lower Upper

216 100

214 80.2 64.0 96.0

179 21.2 16.9 25.3

108 19.2 14.2 21.2

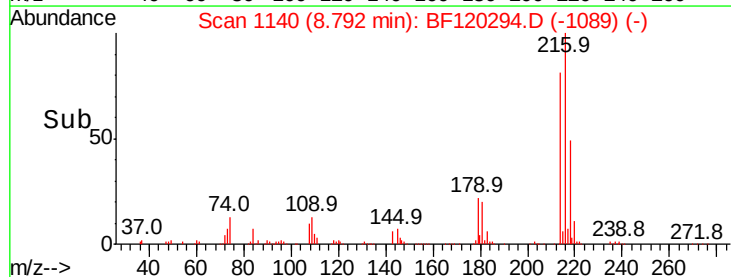
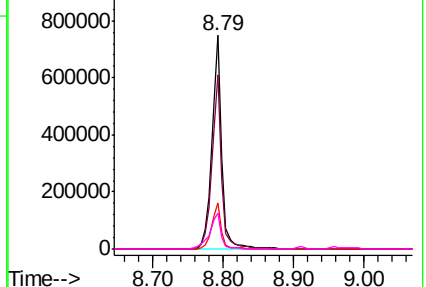


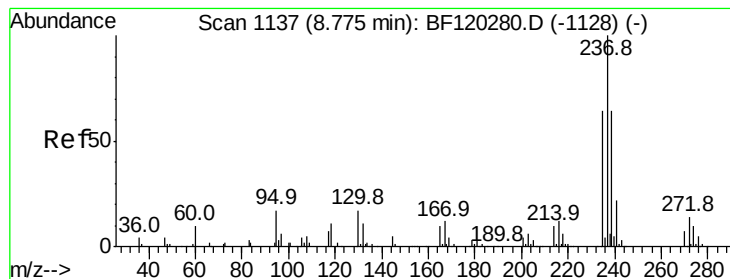
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.000 ng

RT: 8.77 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

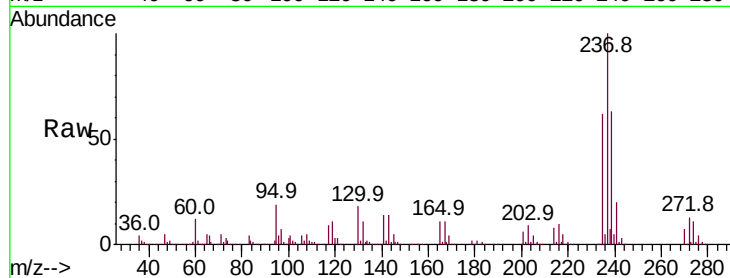
Tot Ion:237 Resp: 645781

Ion Ratio Lower Upper

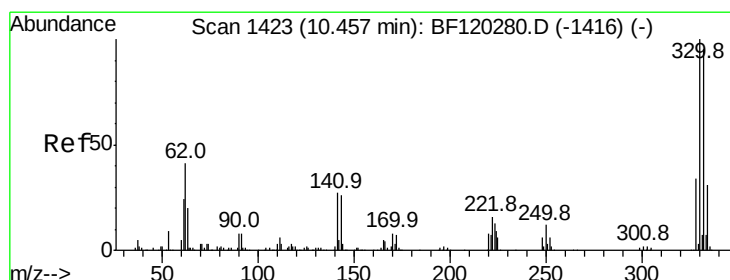
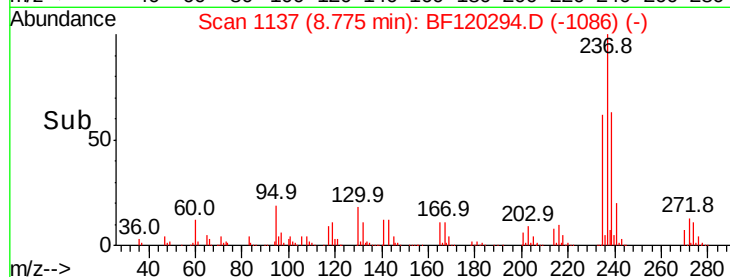
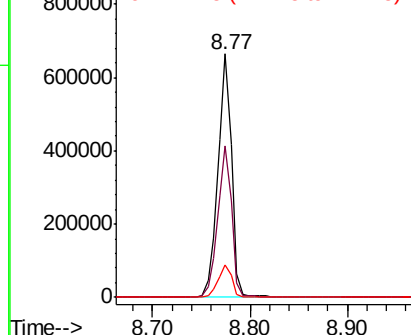
237 100

235 62.3 43.8 83.8

272 13.3 0.0 33.9



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: 122.778 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

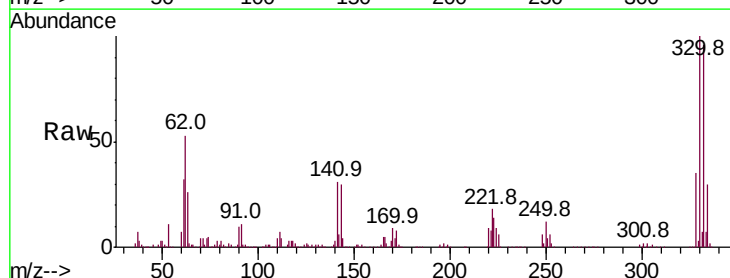
Tgt Ion:330 Resp: 776897

Ion Ratio Lower Upper

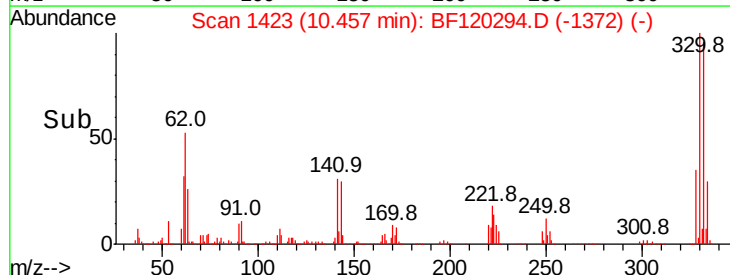
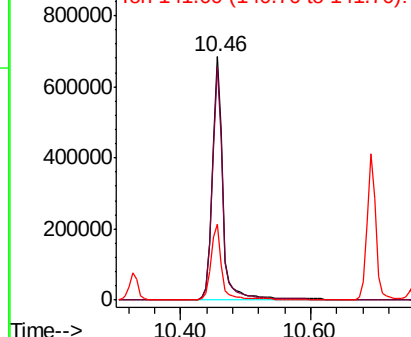
330 100

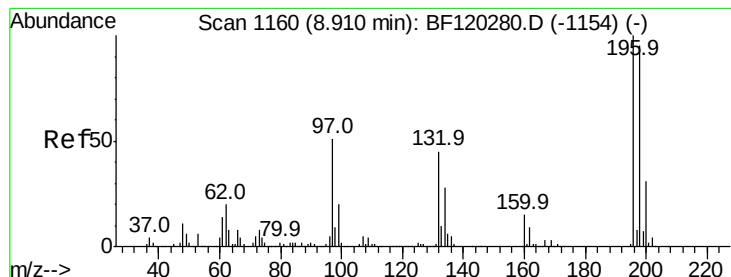
332 94.0 76.5 114.7

141 30.7 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: 36.386 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

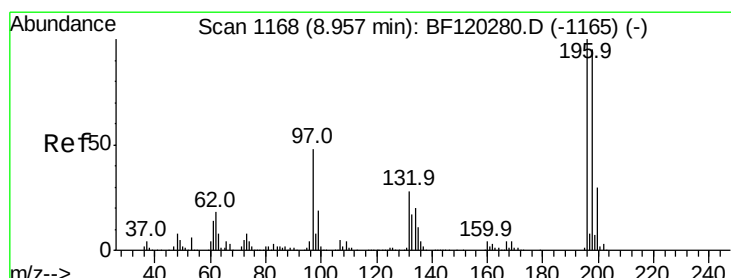
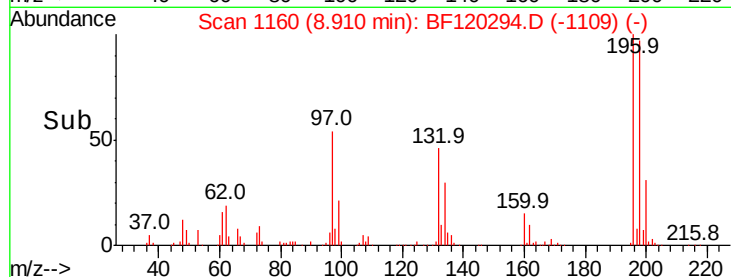
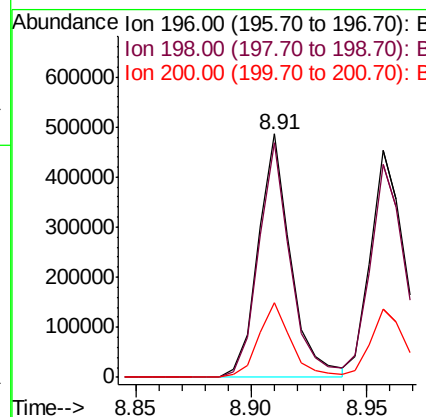
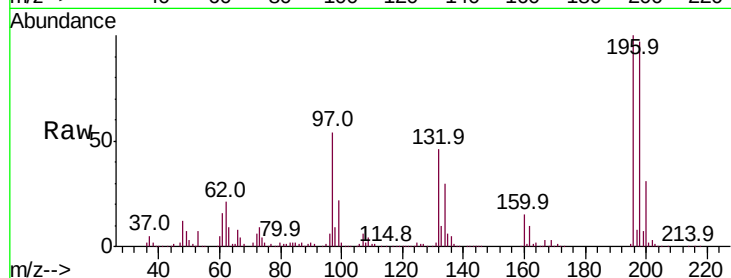
Tot Ion:196 Resp: 477954

Ion Ratio Lower Upper

196 100

198 96.5 76.2 114.4

200 30.7 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 34.924 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Tgt Ion:196 Resp: 526831

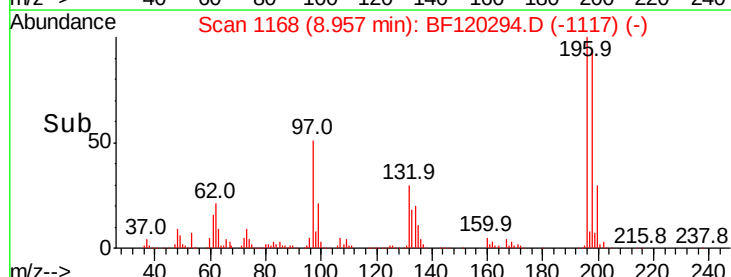
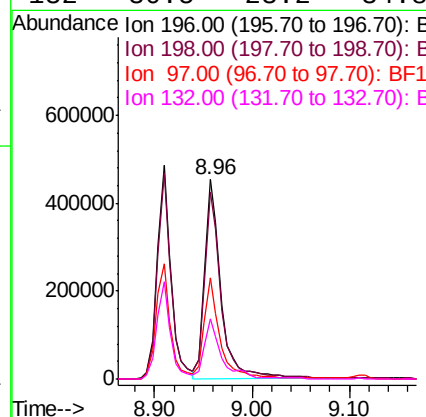
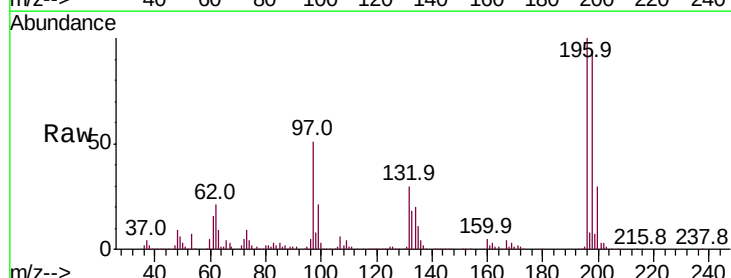
Ion Ratio Lower Upper

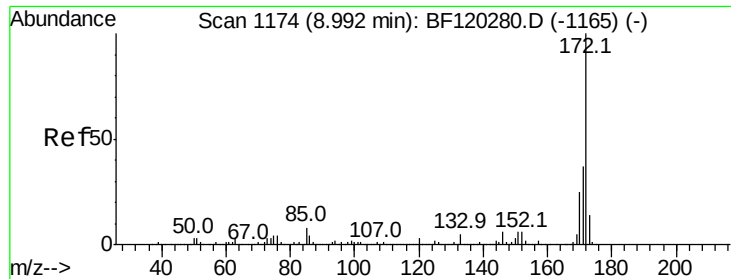
196 100

198 94.1 76.2 114.4

97 50.9 38.6 57.8

132 30.5 23.2 34.8

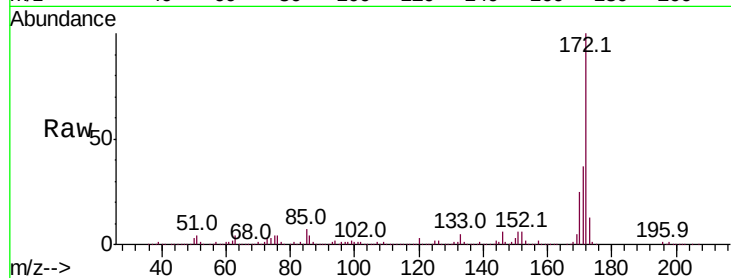




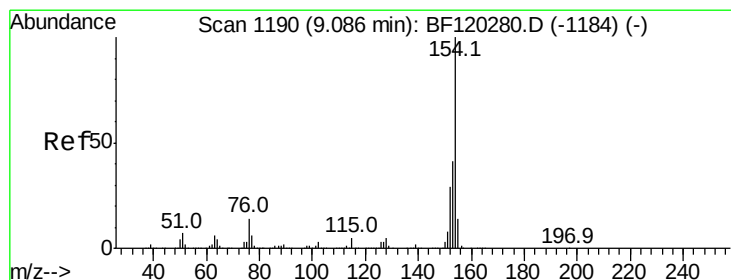
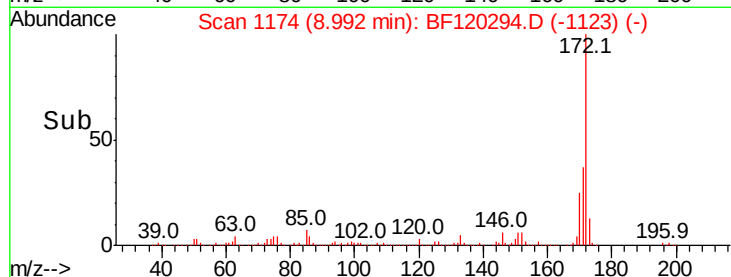
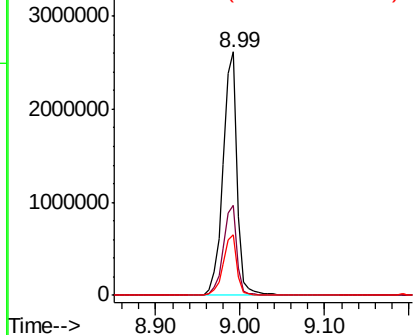
#45
2-Fluorobiphenyl
Concen: 80.222 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion:172 Resp: 3030375
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.9 19.9 29.9

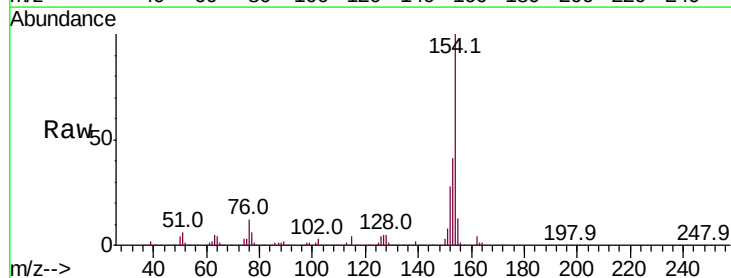


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

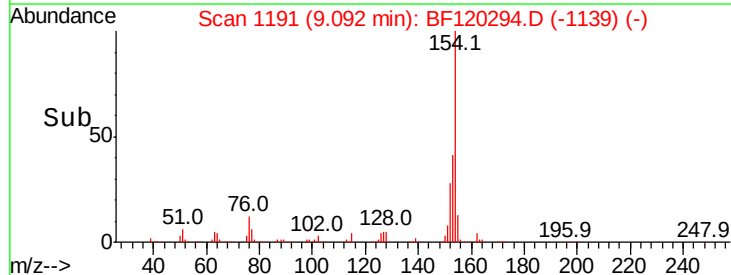
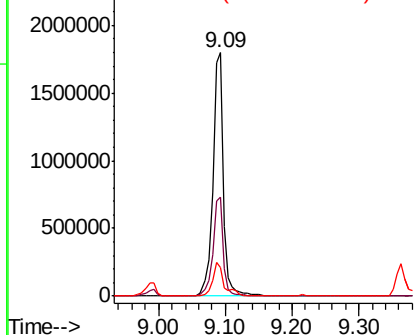


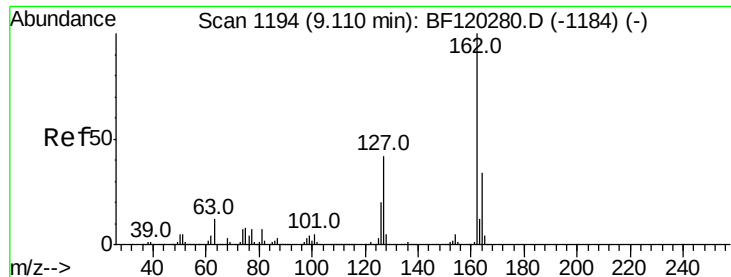
#46
1,1'-Biphenyl
Concen: 39.120 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion:154 Resp: 1989202
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 12.0 0.0 34.3



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

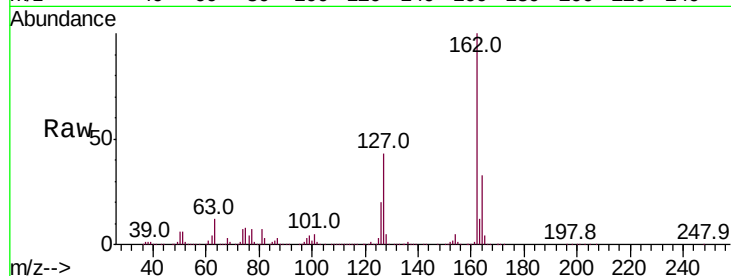




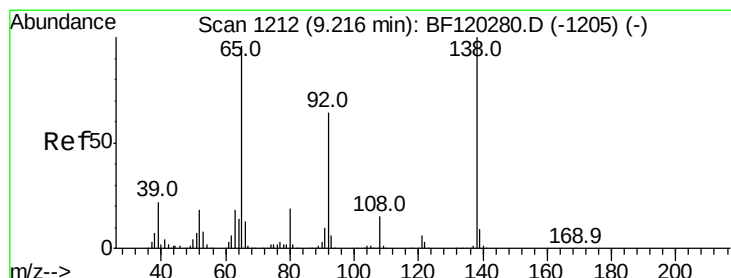
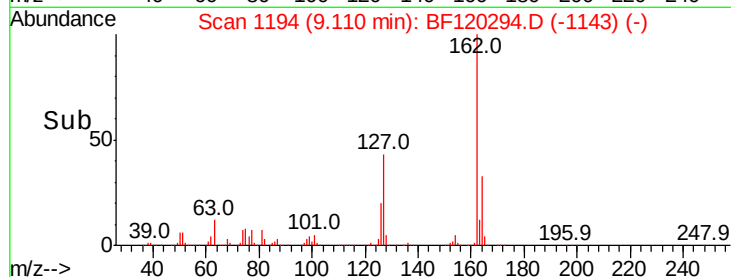
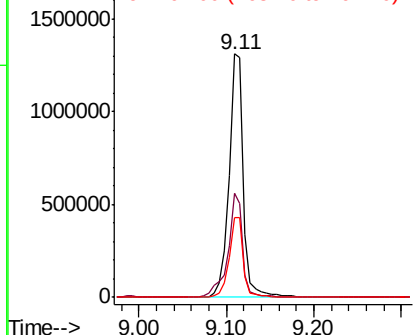
#47
2-Chloronaphthalene
Concen: 36.564 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion:162 Resp: 1491391
Ion Ratio Lower Upper
162 100
127 42.7 33.4 50.0
164 33.0 27.0 40.6

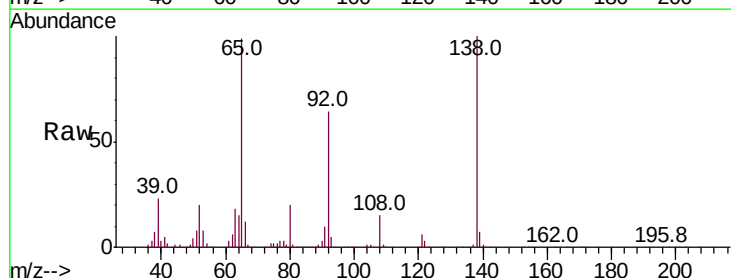


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

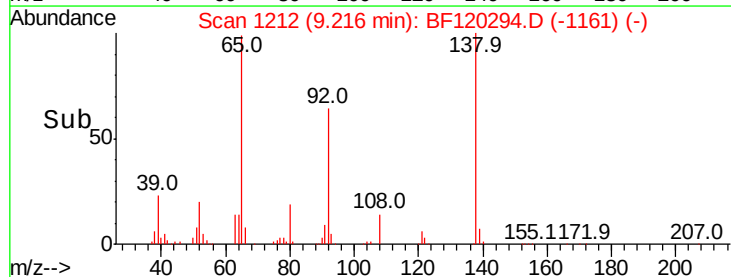
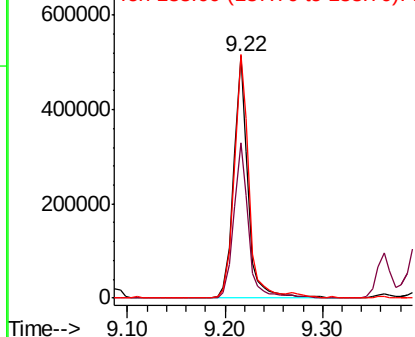


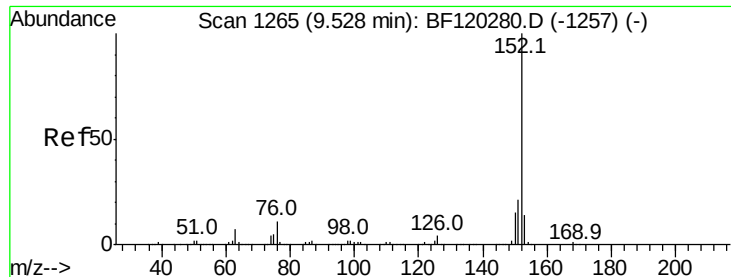
#48
2-Nitroaniline
Concen: 34.936 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion: 65 Resp: 519925
Ion Ratio Lower Upper
65 100
92 64.0 52.9 79.3
138 100.7 83.0 124.4



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: 37.634 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

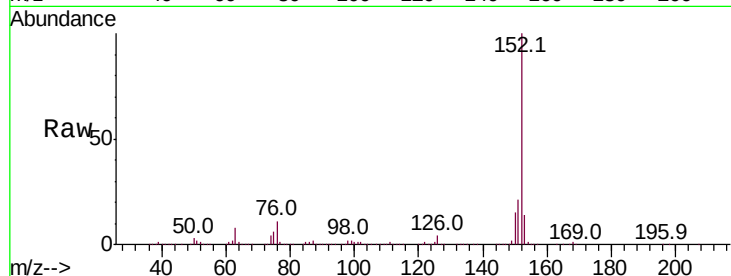
Tot Ion:152 Resp: 2344855

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

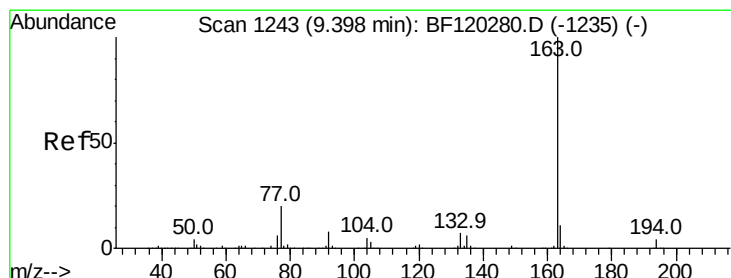
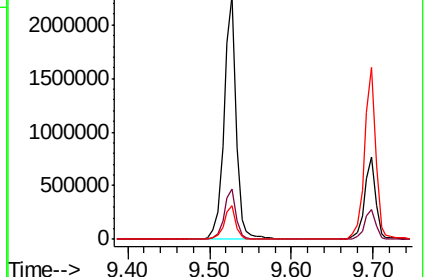
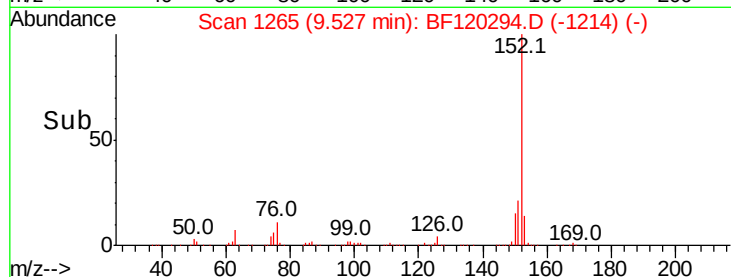
153 13.6 11.1 16.7



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: 35.755 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

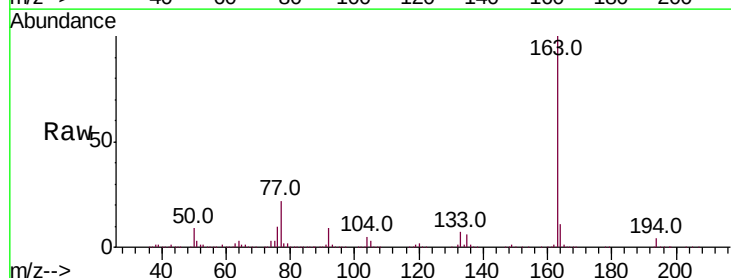
Tgt Ion:163 Resp: 1754092

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

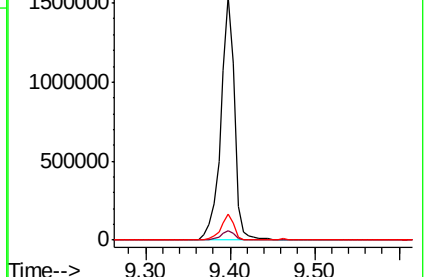
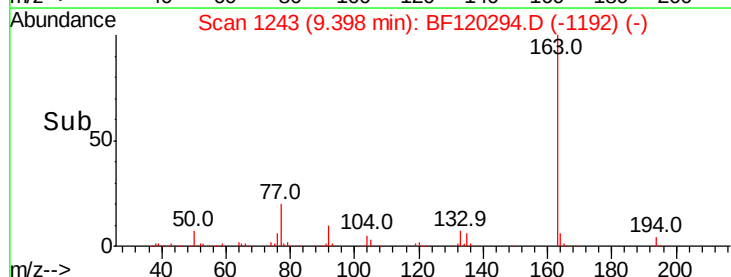
164 10.8 8.6 12.8

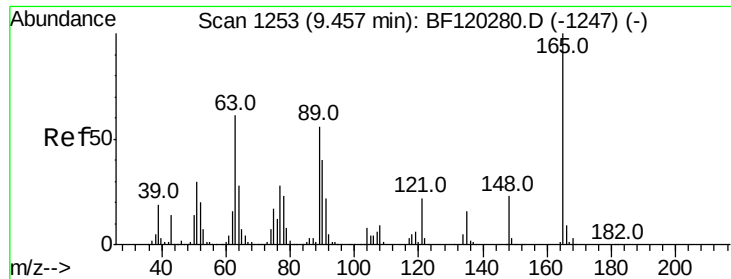


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.728 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

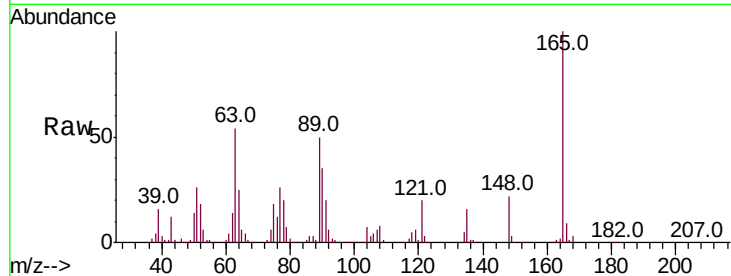
Tot Ion:165 Resp: 391206

Ion Ratio Lower Upper

165 100

63 54.0 50.2 75.2

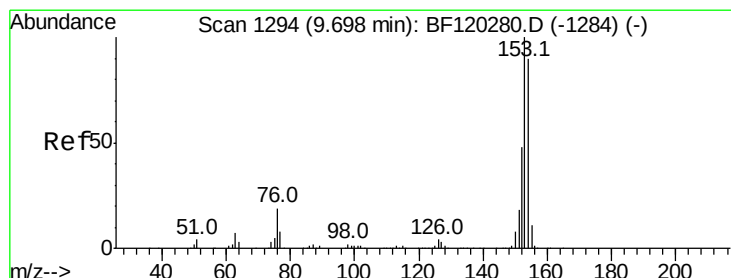
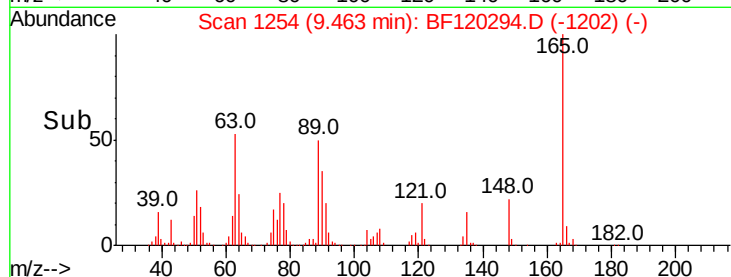
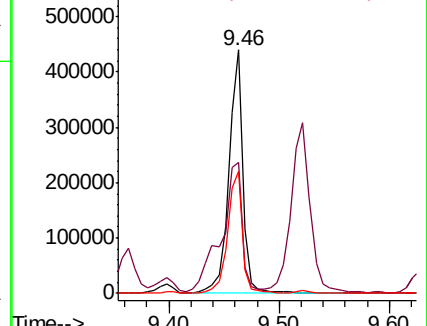
89 50.2 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 36.594 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

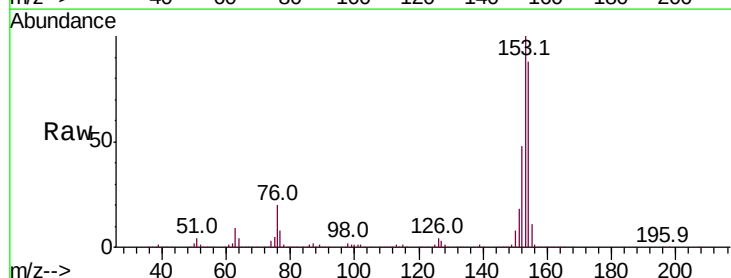
Tgt Ion:154 Resp: 1366658

Ion Ratio Lower Upper

154 100

153 113.2 89.0 133.4

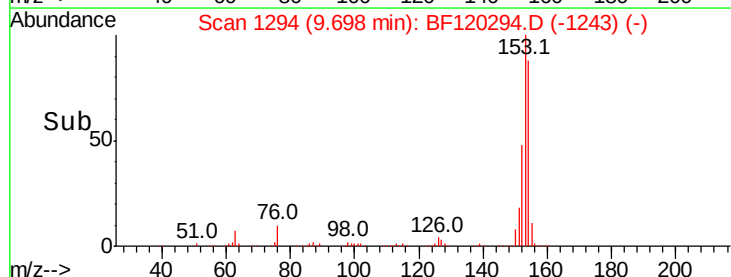
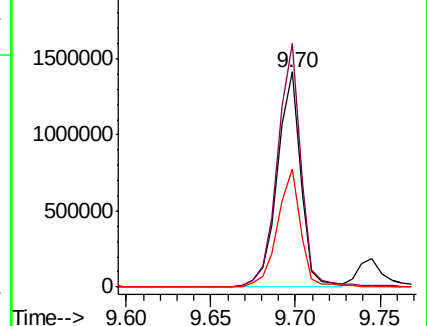
152 54.8 42.6 64.0

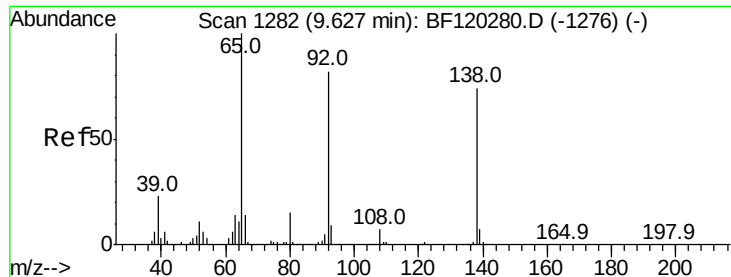


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

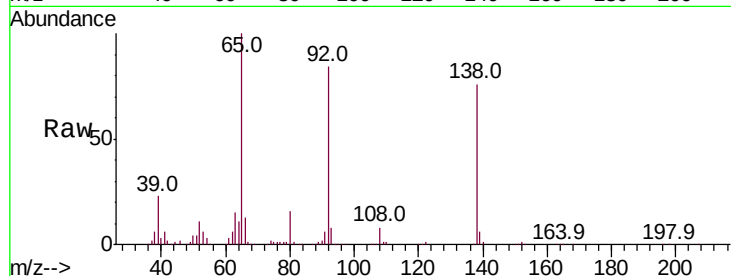




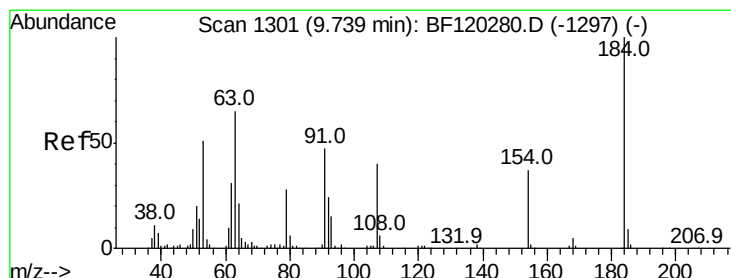
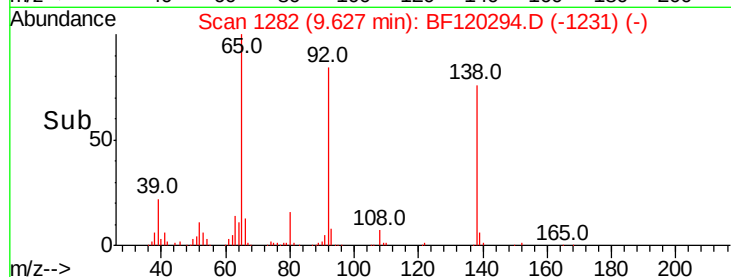
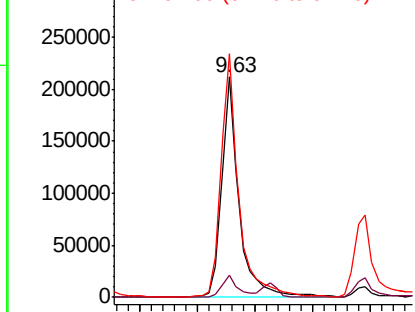
#53
3-Nitroaniline
Concen: 16.964 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion:138 Resp: 221499
Ion Ratio Lower Upper
138 100
108 9.9 8.2 12.2
92 110.5 89.6 134.4

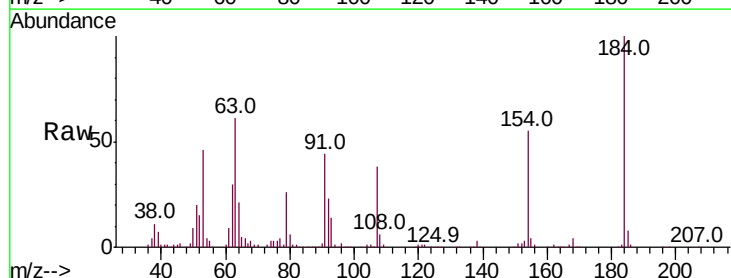


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

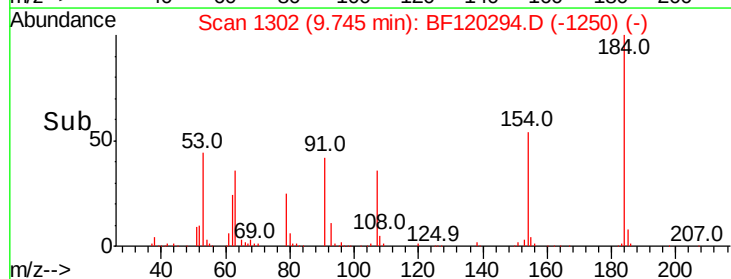
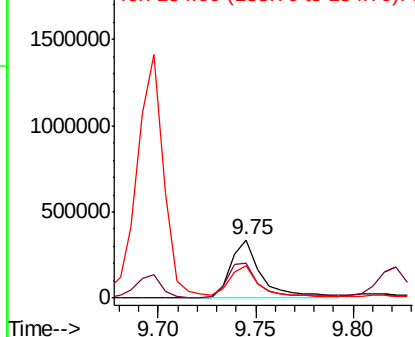


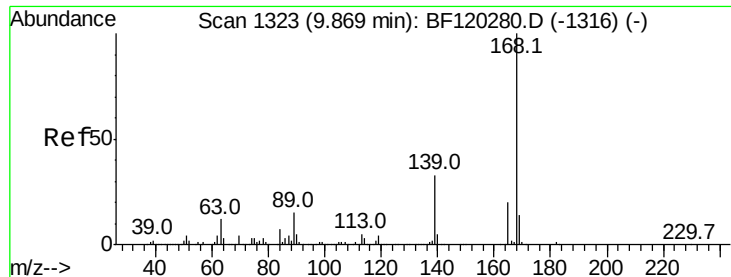
#54
2,4-Dinitrophenol
Concen: 72.390 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion:184 Resp: 374146
Ion Ratio Lower Upper
184 100
63 60.9 53.6 80.4
154 54.6 46.8 70.2



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

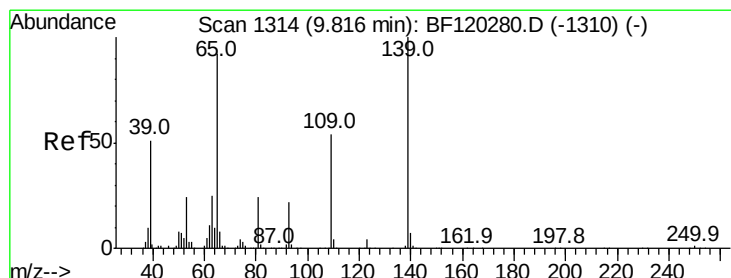
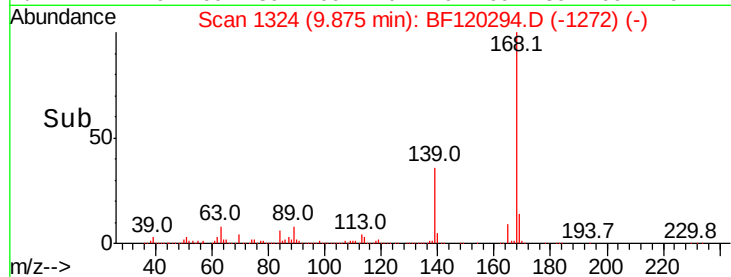
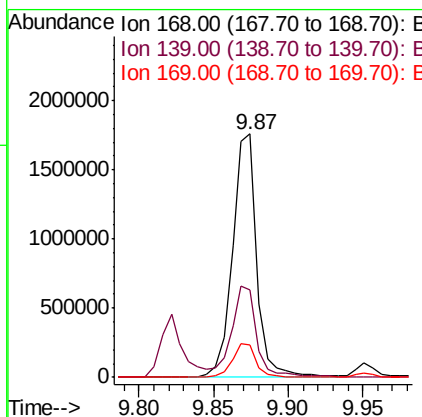
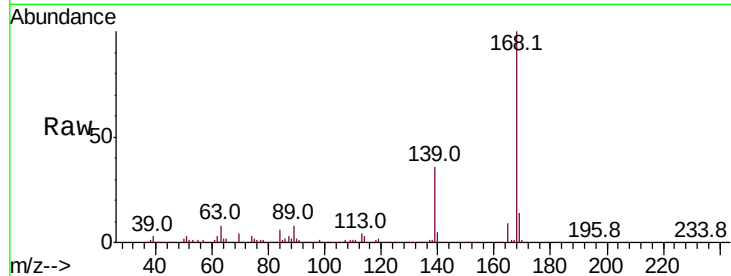




#55
Dibenzofuran
Concen: 37.373 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

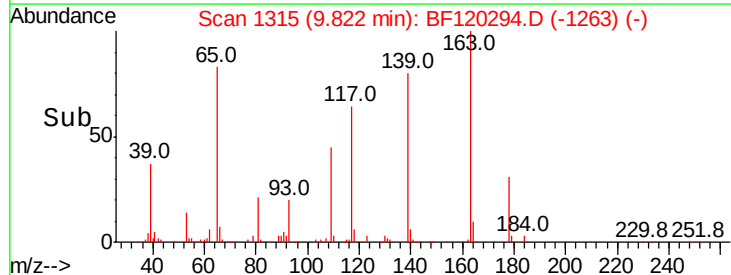
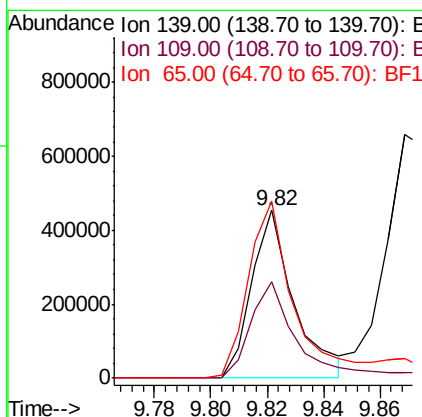
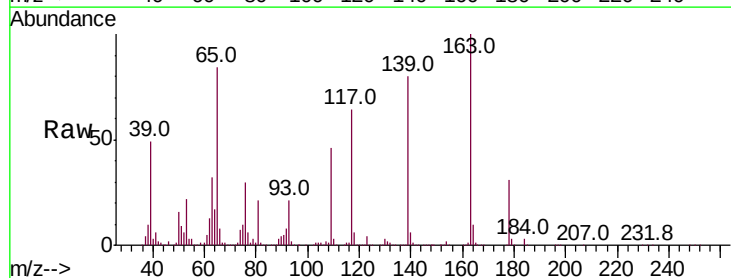
Instrument :
BNA_F
ClientSampleId :
PB128874BS

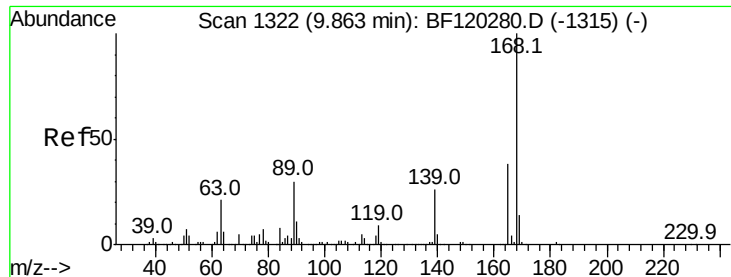
Tot Ion:168 Resp: 2010004
Ion Ratio Lower Upper
168 100
139 36.0 29.8 44.6
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 67.721 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion:139 Resp: 475131
Ion Ratio Lower Upper
139 100
109 57.1 34.6 74.6
65 105.5 73.3 113.3

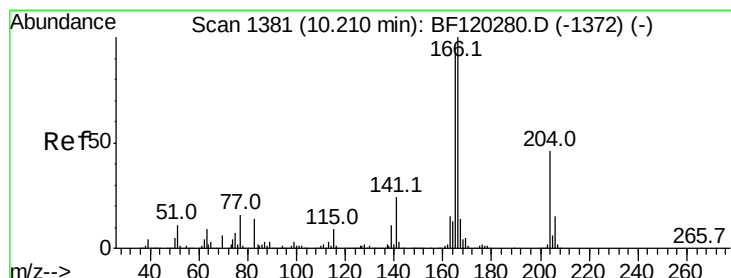
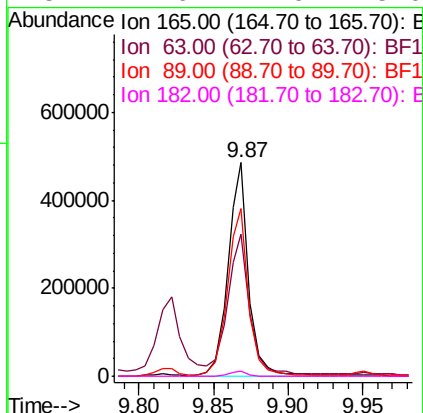
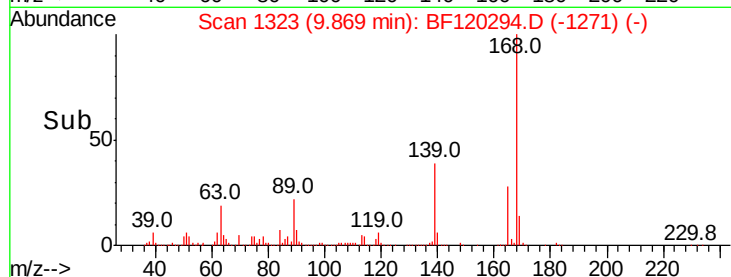
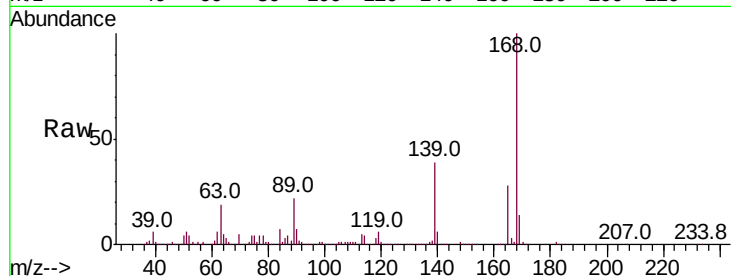




#57
 2,4-Dinitrotoluene
 Concen: 36.220 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

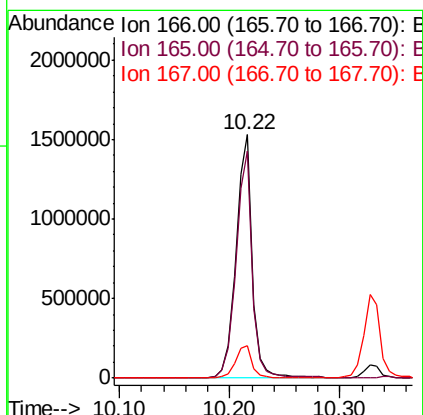
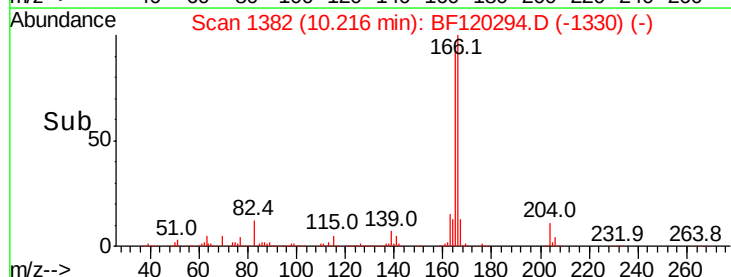
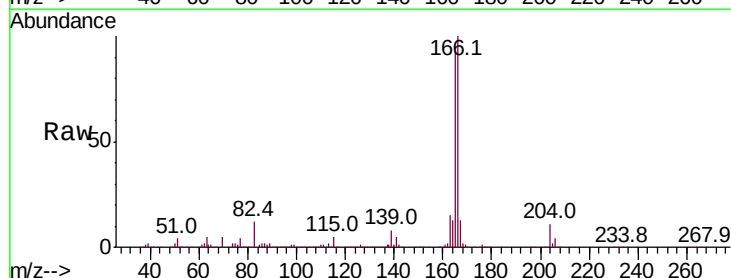
Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

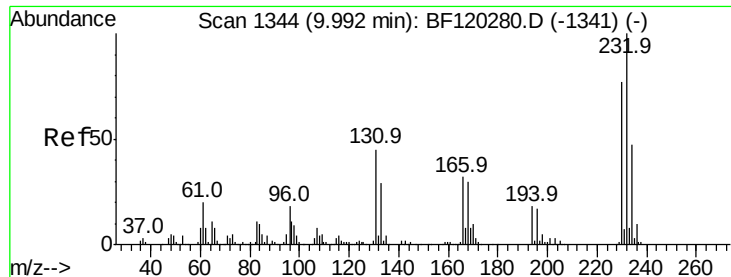
Tot Ion:	165	Resp:	465217
Ion	Ratio	Lower	Upper
165	100		
63	66.4	51.8	77.8
89	78.4	64.2	96.4
182	2.6	2.0	3.0



#58
 Fluorene
 Concen: 38.447 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion:	166	Resp:	1574756
Ion	Ratio	Lower	Upper
166	100		
165	93.1	74.7	112.1
167	13.3	11.4	17.0

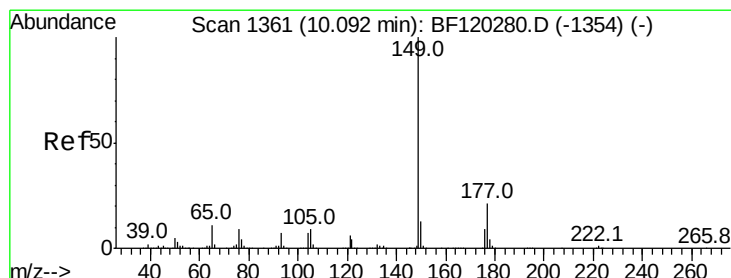
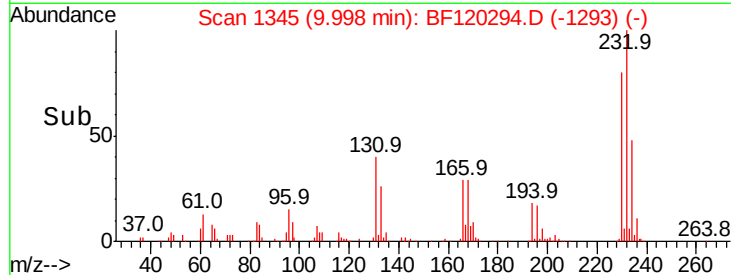
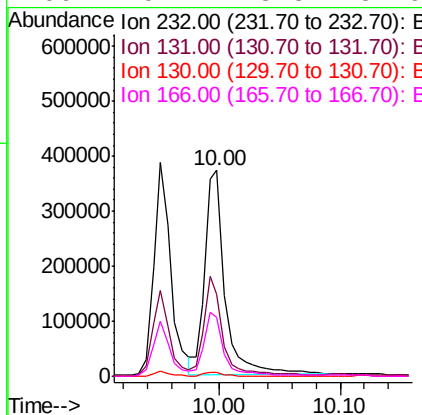
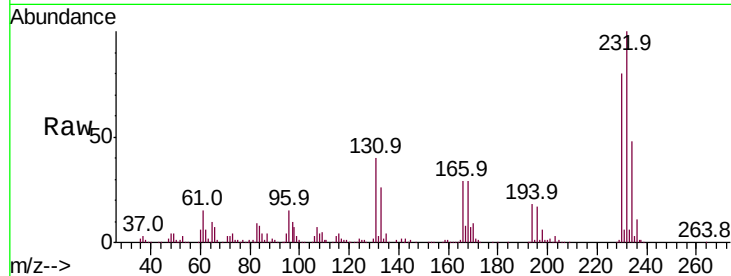




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.116 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

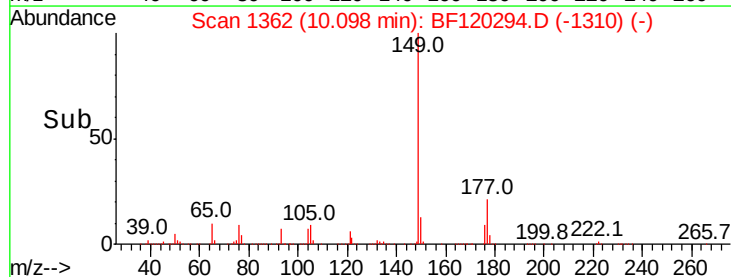
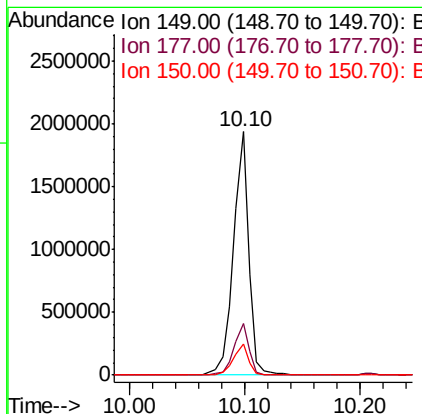
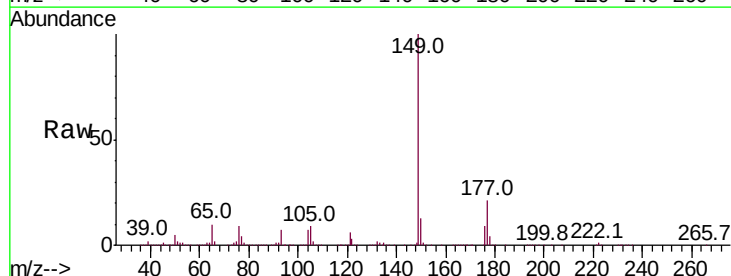
Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

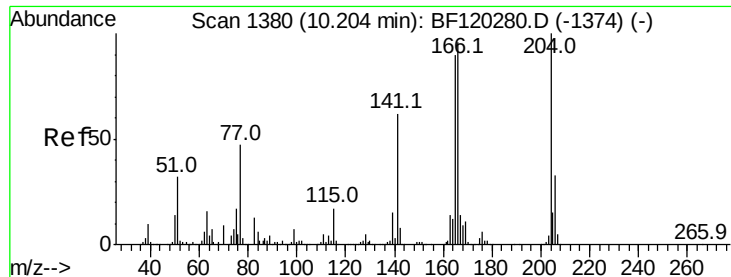
Tot Ion:	232	Resp:	432710
Ion	Ratio	Lower	Upper
232	100		
131	45.6	34.1	51.1
130	2.3	1.7	2.5
166	29.1	23.3	34.9



#60
 Diethylphthalate
 Concen: 37.546 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion:	149	Resp:	1778305
Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.8	10.3	15.5





#61

4-Chlorophenyl-phenylether

Concen: 36.359 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

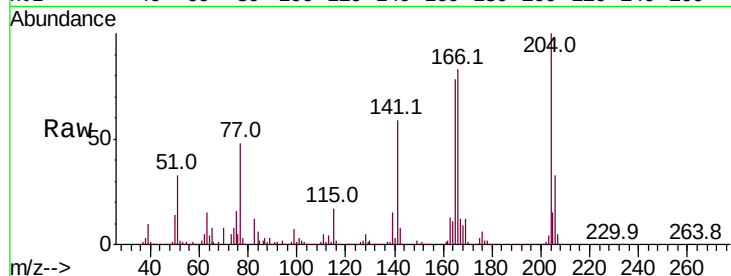
Tot Ion:204 Resp: 774268

Ion Ratio Lower Upper

204 100

206 32.8 26.8 40.2

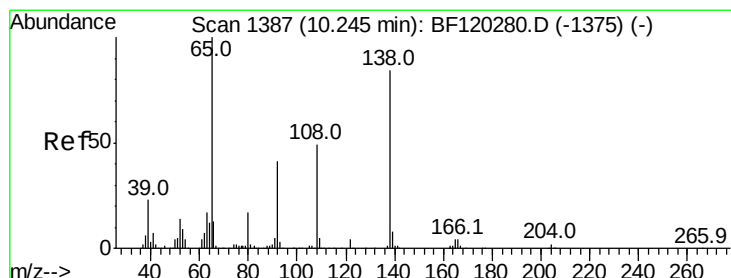
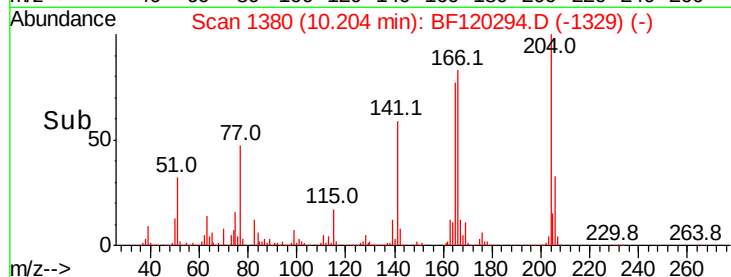
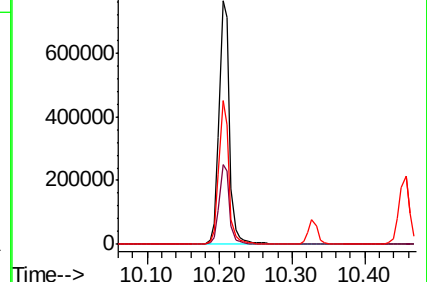
141 59.3 49.5 74.3



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 32.683 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

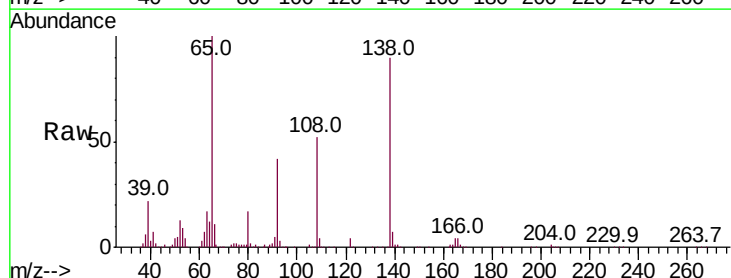
Tgt Ion:138 Resp: 397385

Ion Ratio Lower Upper

138 100

92 46.9 28.9 68.9

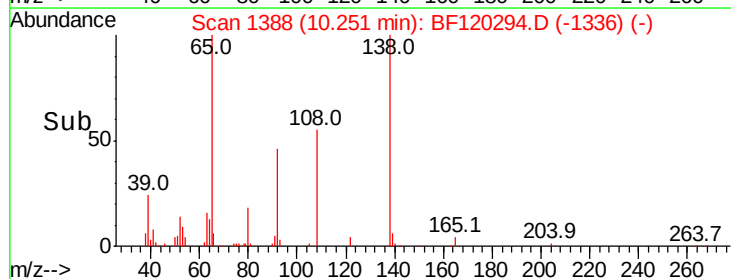
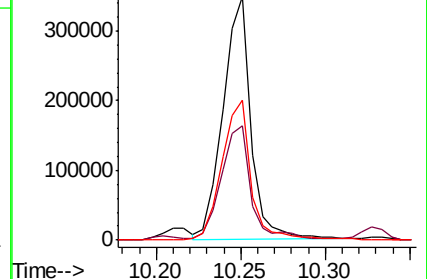
108 57.4 38.4 78.4

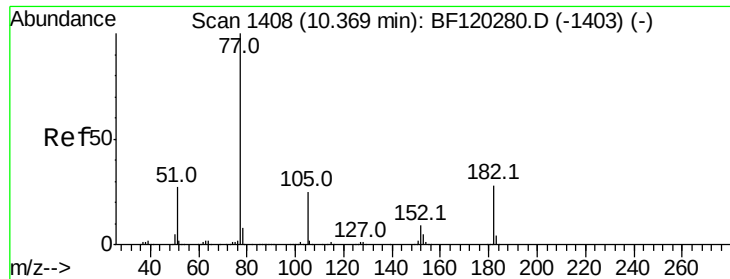


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.776 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

Tot Ion: 77 Resp: 1870054

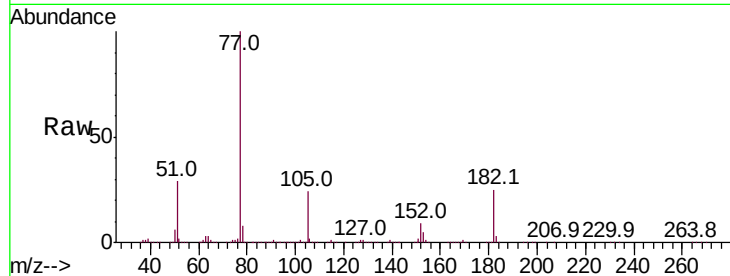
Ion Ratio Lower Upper

77 100

182 24.5 7.4 47.4

105 24.0 4.4 44.4

51 28.6 8.3 48.3



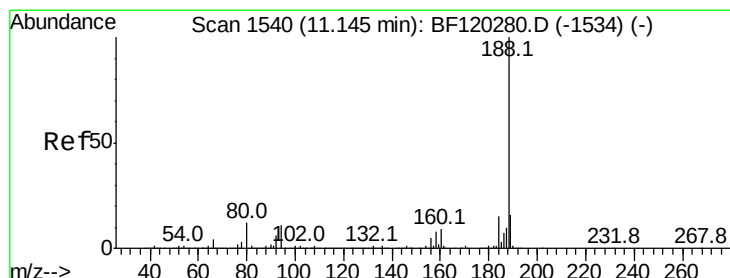
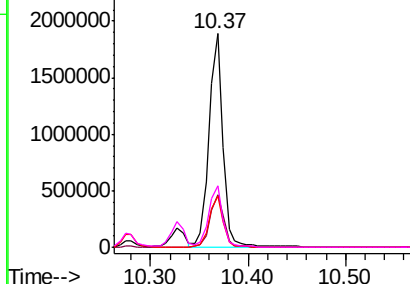
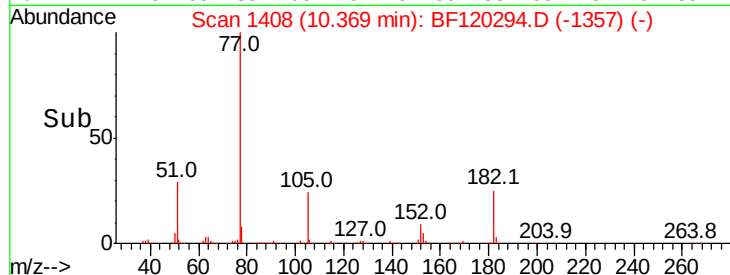
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1540

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

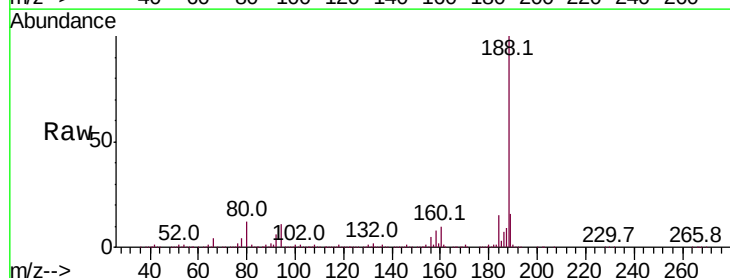
Tgt Ion: 188 Resp: 1640727

Ion Ratio Lower Upper

188 100

94 11.1 8.6 13.0

80 11.5 9.2 13.8

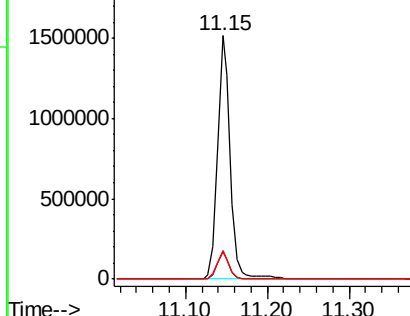
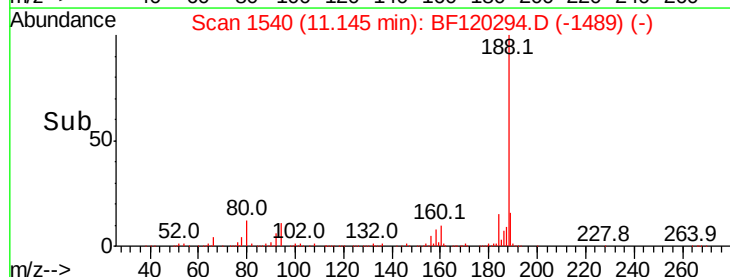


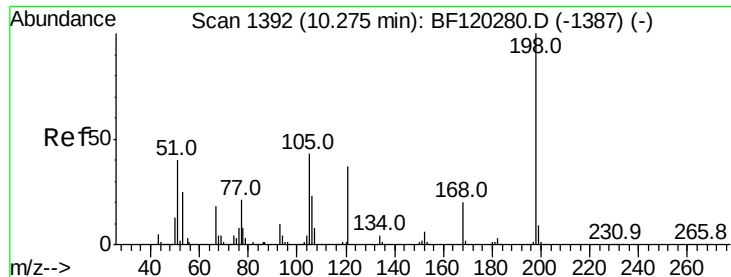
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

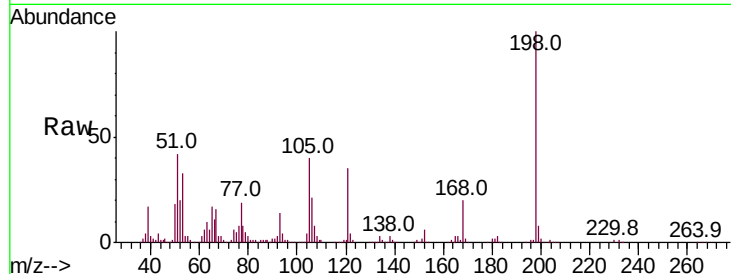




#65
4,6-Dinitro-2-methylphenol
Concen: 34.178 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.2	27.1	67.1
105	40.2	24.3	64.3

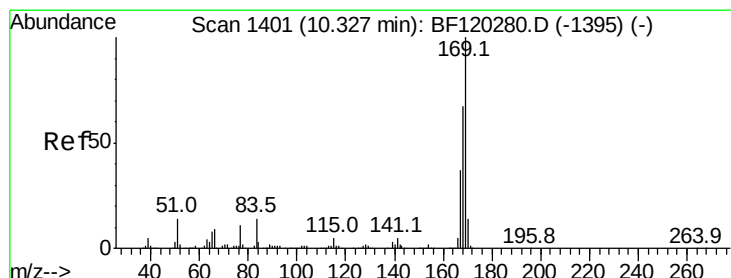
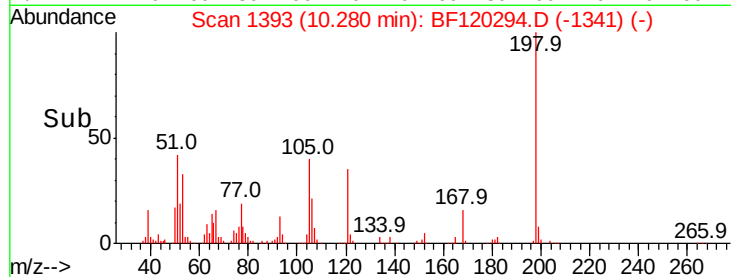
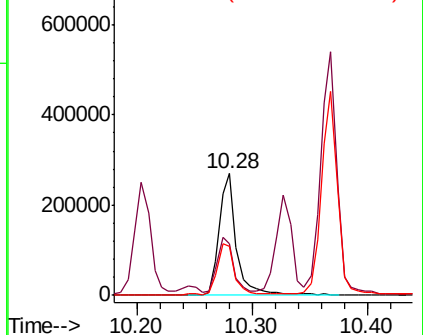


Abundance

Ion 198.00 (197.70 to 198.70): E

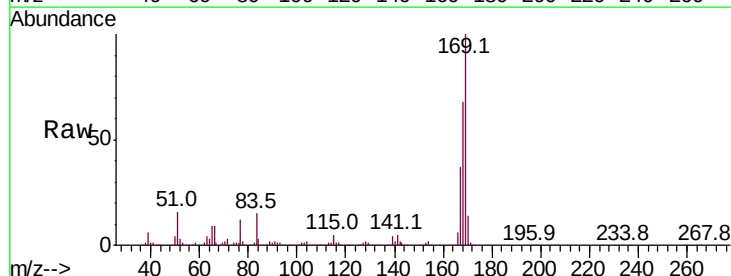
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 32.971 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.7	80.5
167	37.0	29.8	44.6

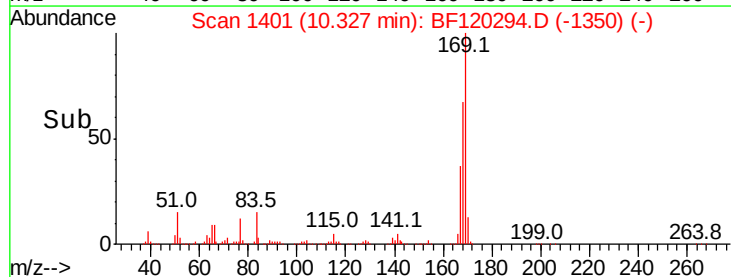
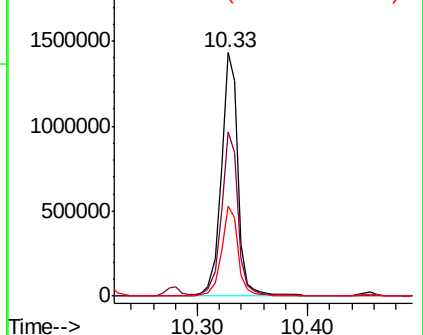


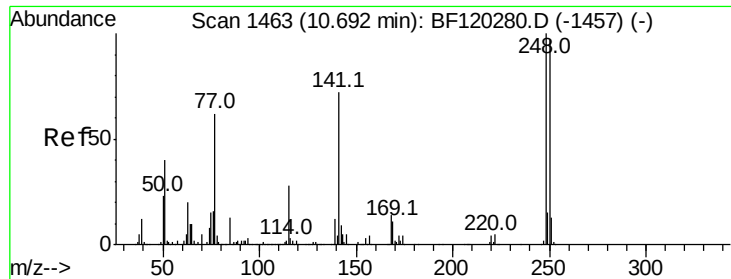
Abundance

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

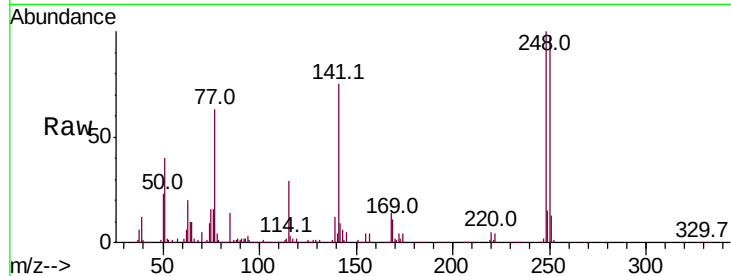




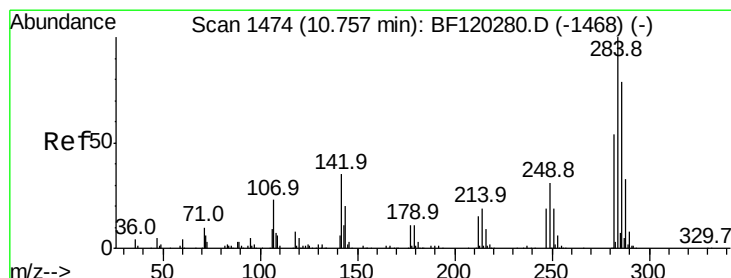
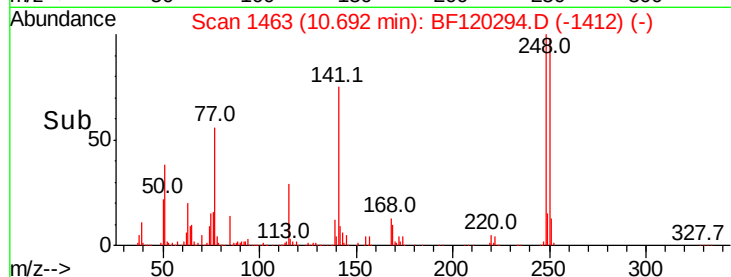
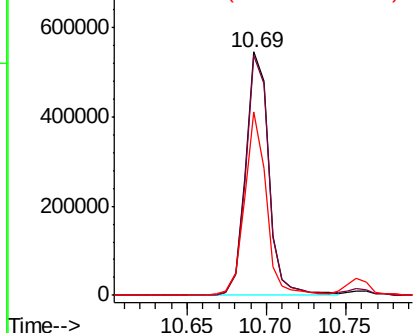
#67
4-Bromophenyl-phenylether
Concen: 34.821 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion:248 Resp: 554388
Ion Ratio Lower Upper
248 100
250 98.4 77.8 116.6
141 75.3 57.7 86.5

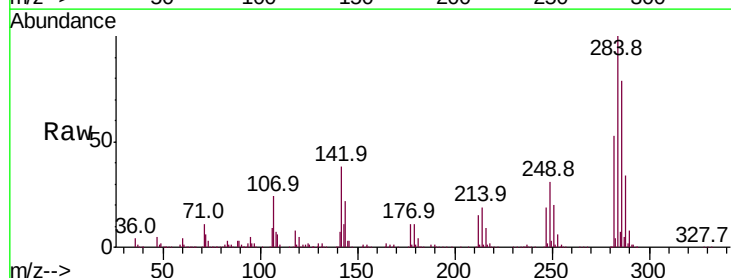


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

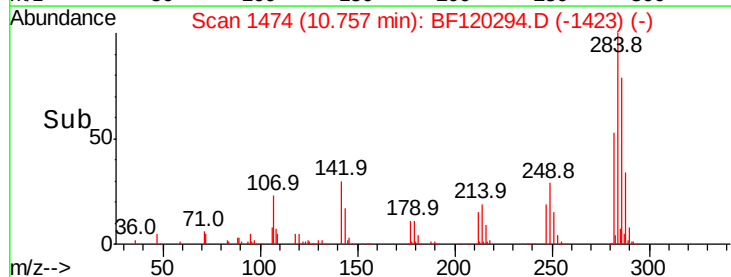
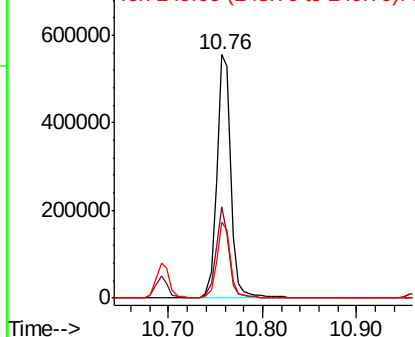


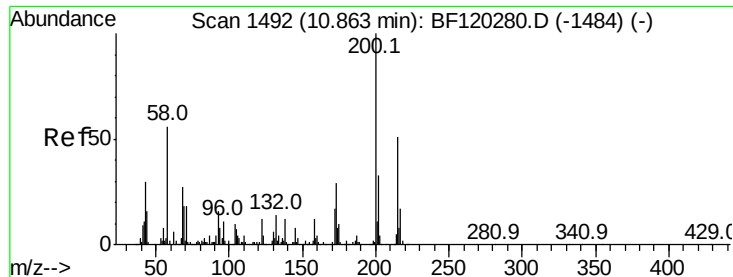
#68
Hexachlorobenzene
Concen: 35.241 ng
RT: 10.76 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion:284 Resp: 586986
Ion Ratio Lower Upper
284 100
142 37.7 28.5 42.7
249 31.0 24.8 37.2



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





#69

Atrazine

Concen: 34.718 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

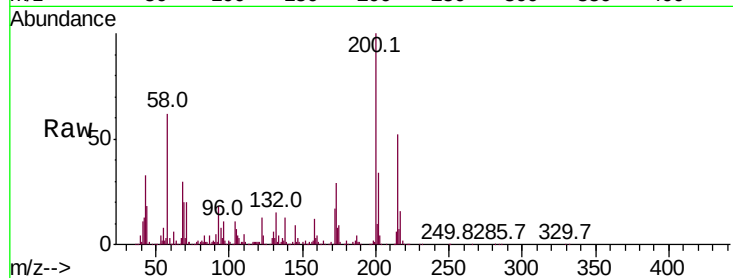
Tot Ion:200 Resp: 471563

Ion Ratio Lower Upper

200 100

173 28.9 8.7 48.7

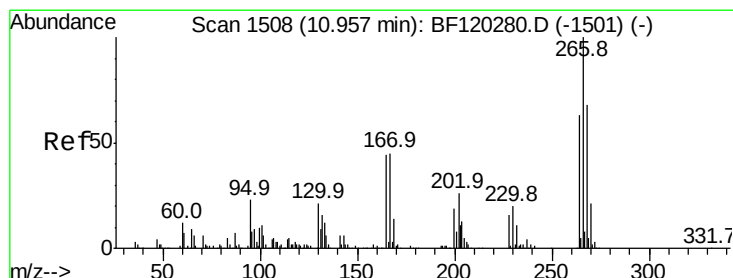
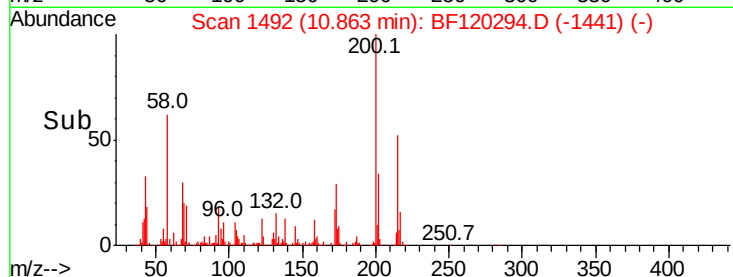
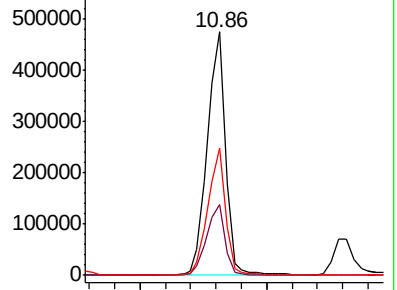
215 52.3 30.6 70.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 71.879 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

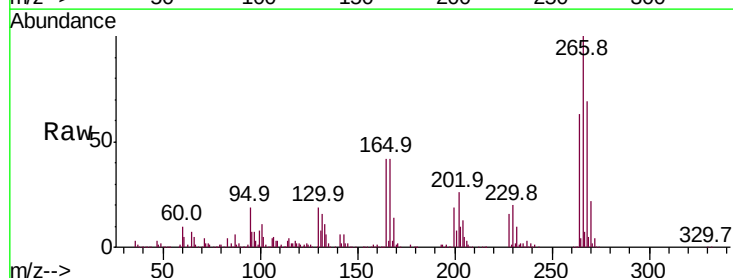
Tgt Ion:266 Resp: 509197

Ion Ratio Lower Upper

266 100

268 68.6 54.2 81.4

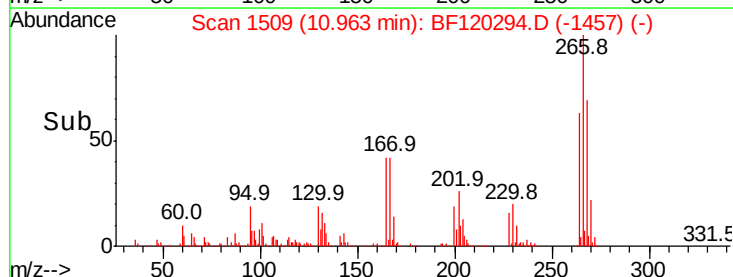
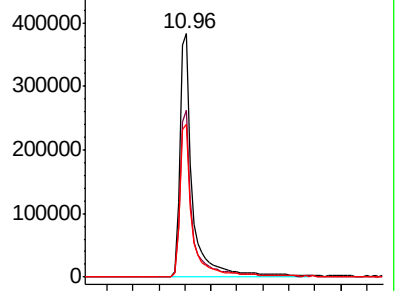
264 62.5 50.2 75.4

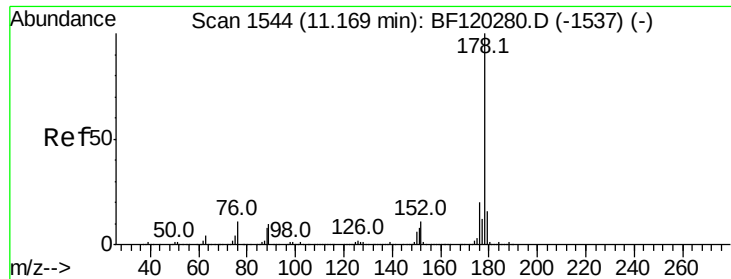


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

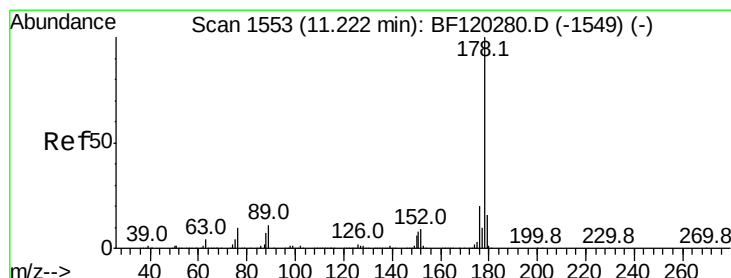
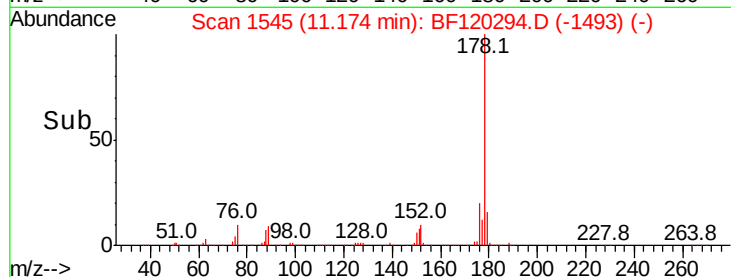
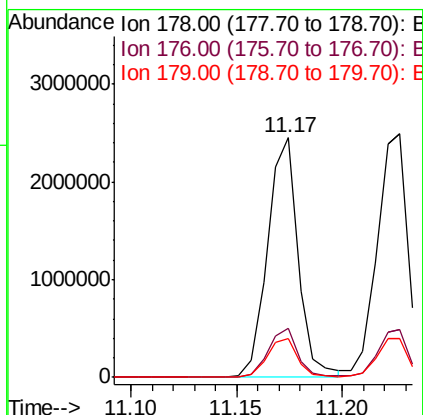
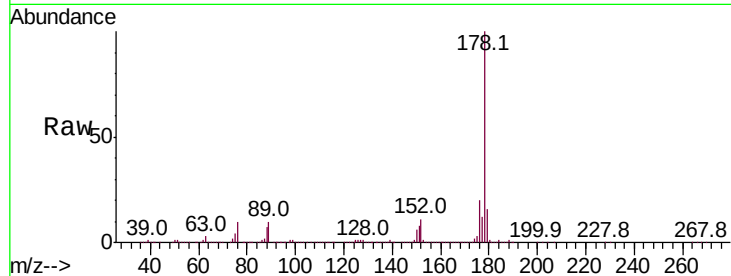




#71
Phenanthrene
Concen: 35.980 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

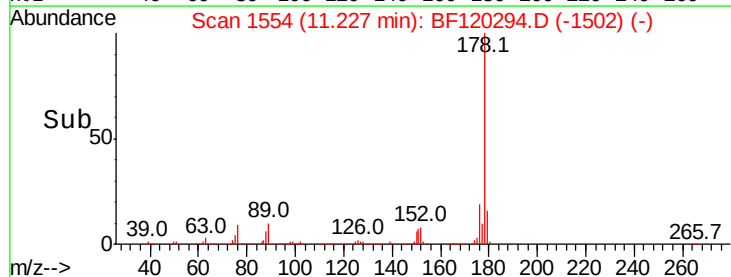
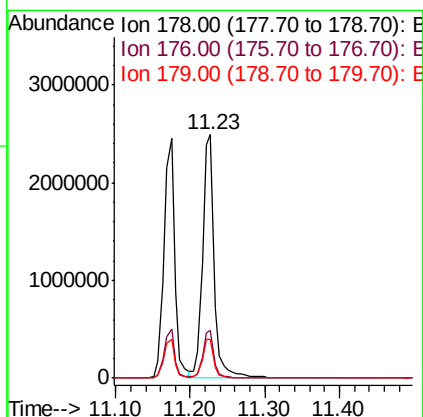
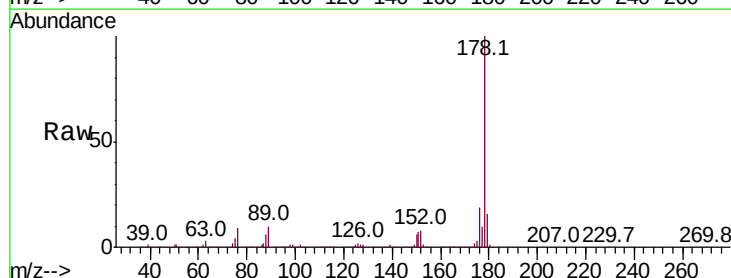
Instrument :
BNA_F
ClientSampleId :
PB128874BS

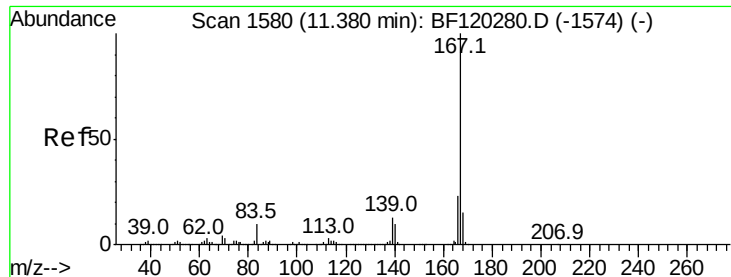
Tot Ion:178 Resp: 2480556
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 16.1 12.8 19.2



#72
Anthracene
Concen: 37.302 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion:178 Resp: 2753170
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 16.1 13.0 19.6





#73

Carbazole

Concen: 35.983 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

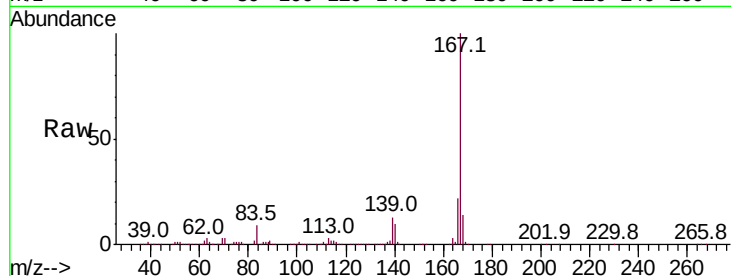
BNA_F

ClientSampleId :

PB128874BS

Tot Ion:167 Resp: 2481444

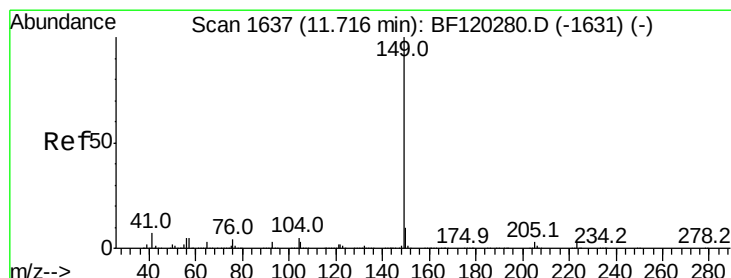
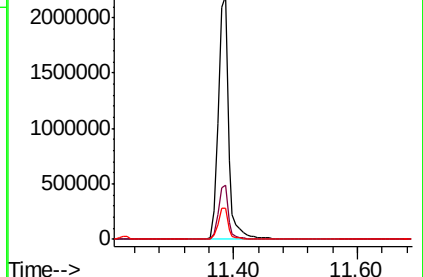
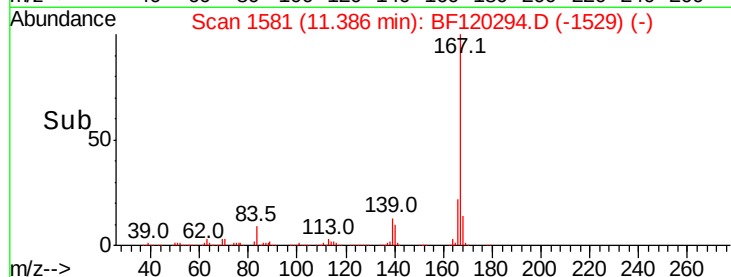
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	12.6	10.6	15.8



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: 37.010 ng

RT: 11.72 min Scan# 1637

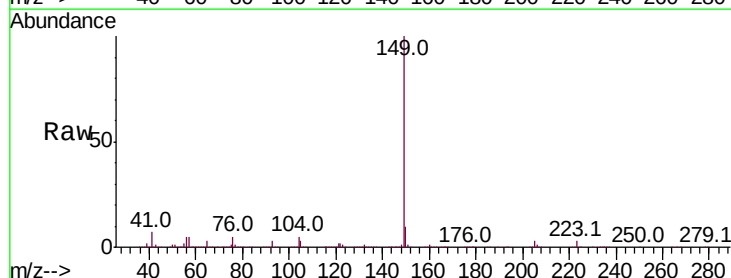
Delta R.T. 0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Tgt Ion:149 Resp: 3075971

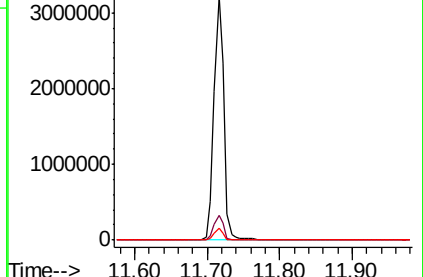
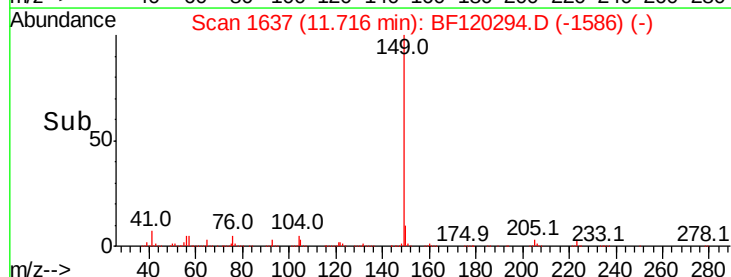
Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.4
104	4.7	3.8	5.8

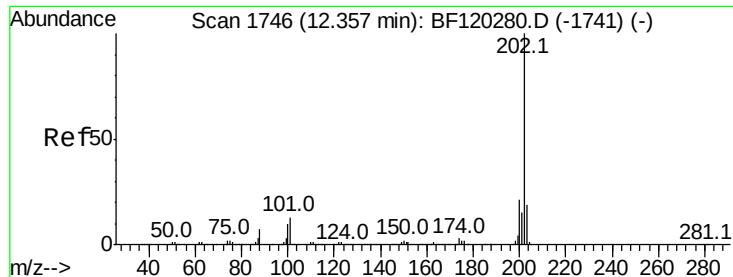


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



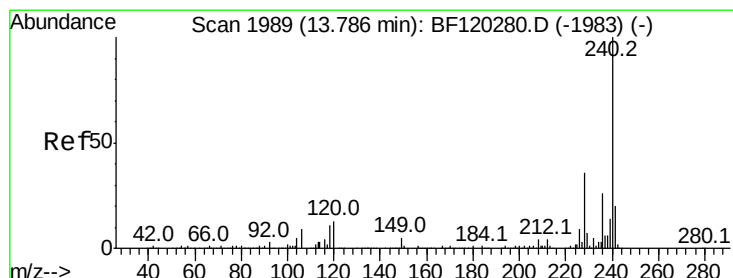
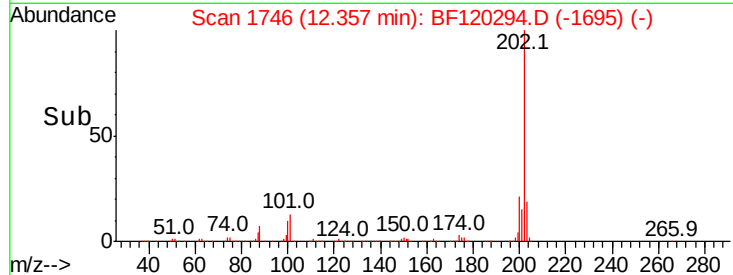
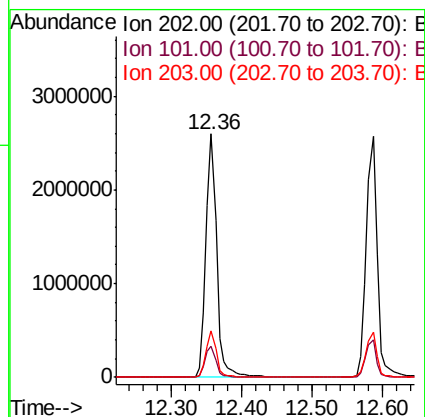
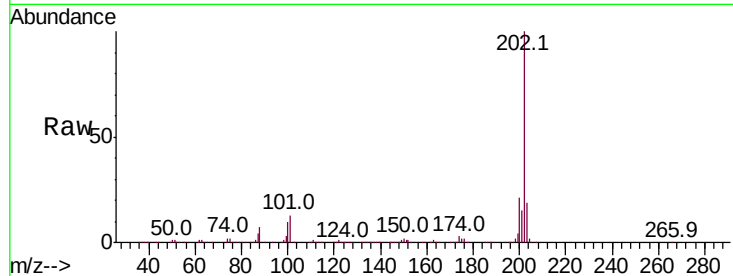


#75
 Fluoranthene
 Concen: 37.470 ng
 RT: 12.36 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 PB128874BS

Tot Ion:202 Resp: 2768852

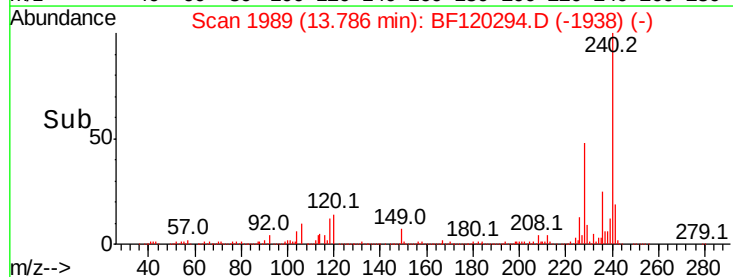
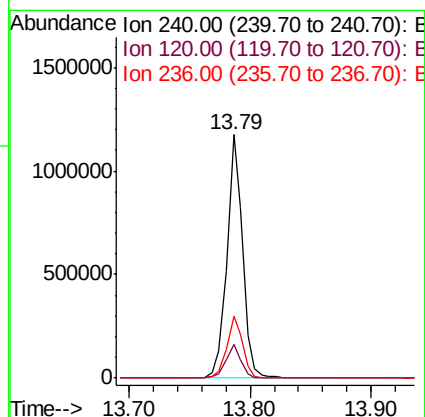
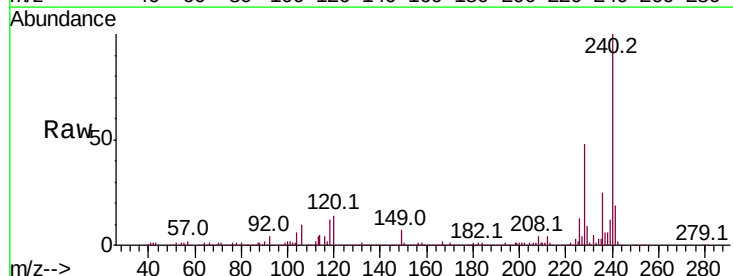
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.2
203	19.1	0.0	39.1

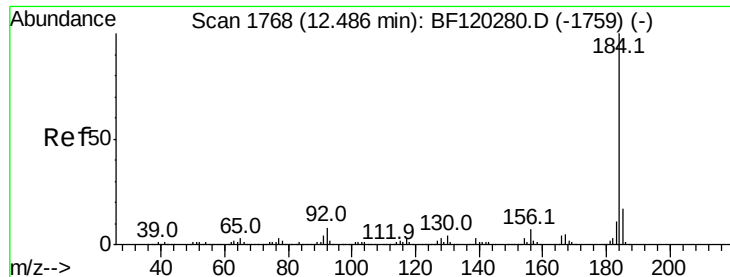


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF120294.D
 Acq: 14 May 2020 16:53

Tgt Ion:240 Resp: 1050537

Ion	Ratio	Lower	Upper
240	100		
120	13.8	10.4	15.6
236	25.2	21.0	31.6





#77

Benzidine

Concen: 41.159 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

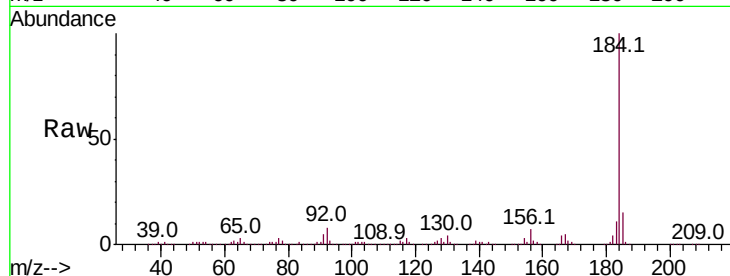
Tot Ion:184 Resp: 1262665

Ion Ratio Lower Upper

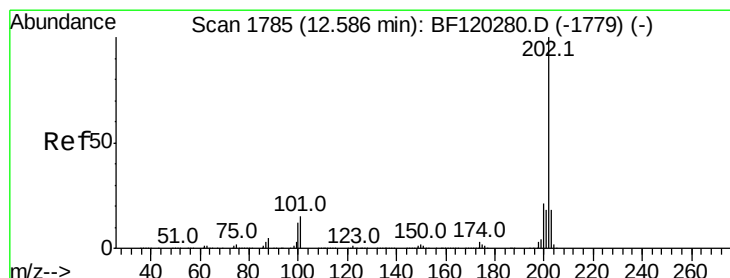
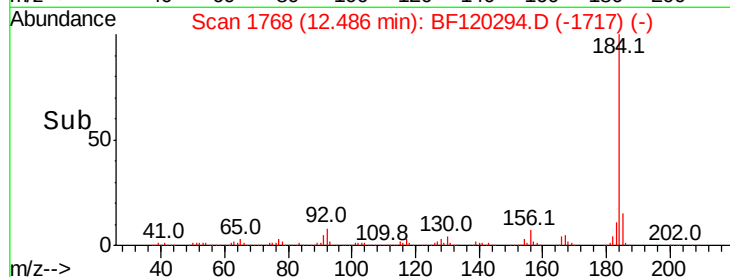
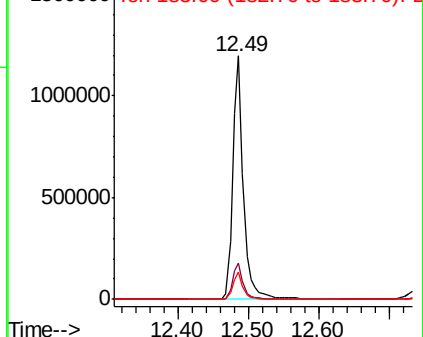
184 100

185 14.9 13.7 20.5

183 11.0 8.7 13.1



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: 37.420 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

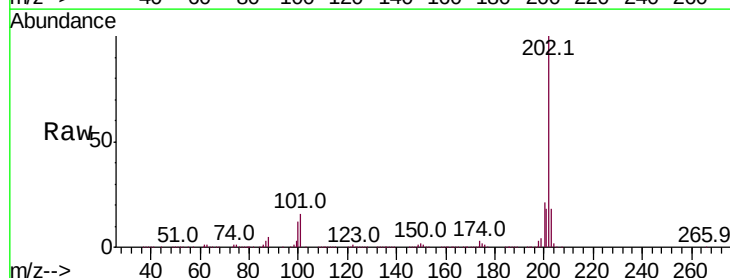
Tgt Ion:202 Resp: 2802477

Ion Ratio Lower Upper

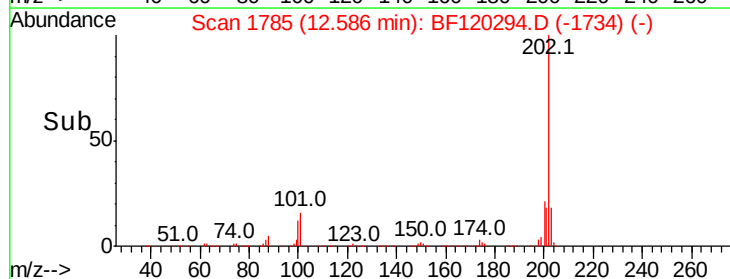
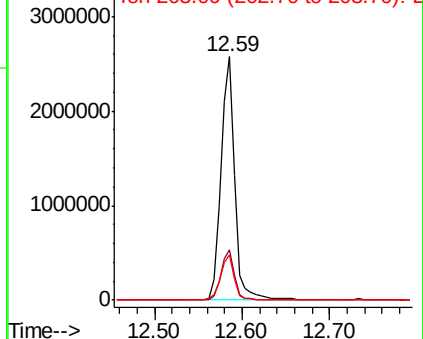
202 100

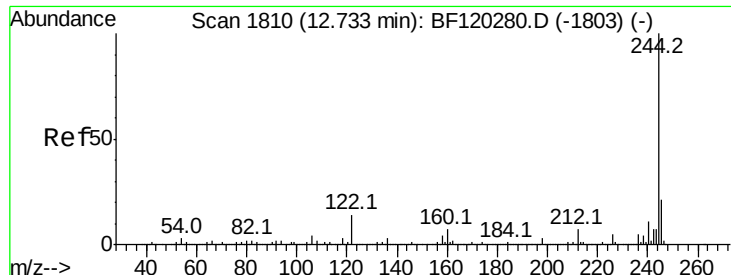
200 20.9 16.6 25.0

203 18.5 14.6 22.0



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: 73.884 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

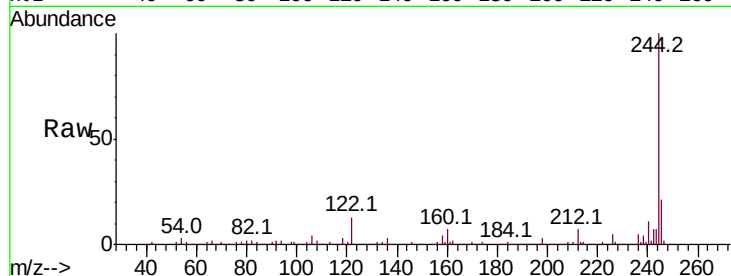
Tot Ion:244 Resp: 3513391

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

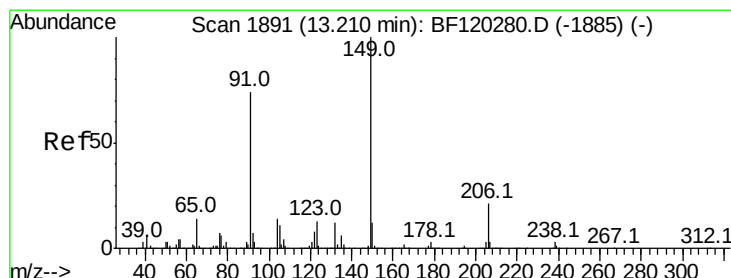
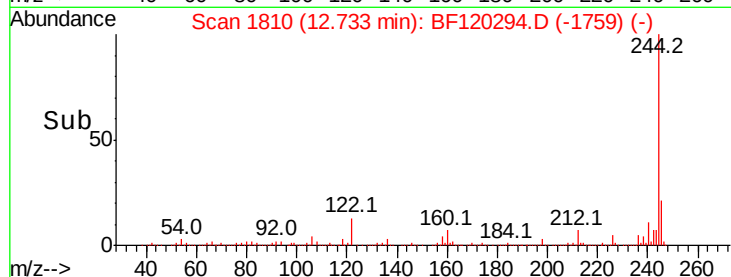
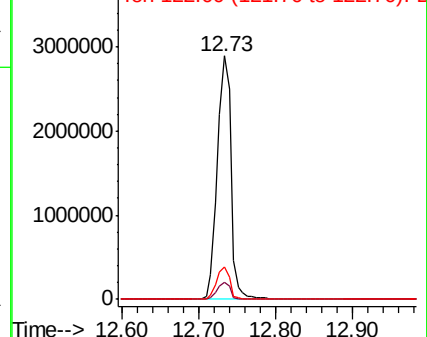
122 13.5 10.8 16.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.807 ng

RT: 13.21 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

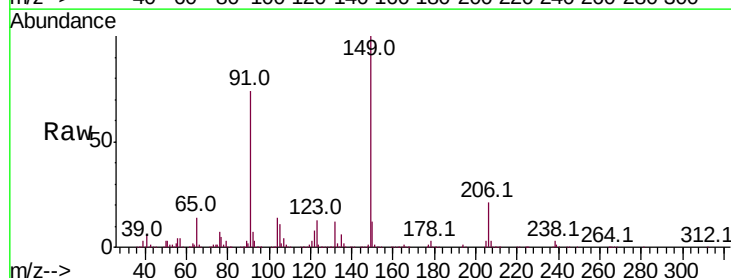
Tgt Ion:149 Resp: 1298035

Ion Ratio Lower Upper

149 100

91 74.2 59.0 88.4

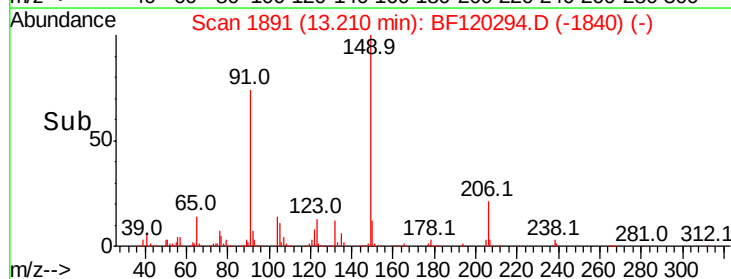
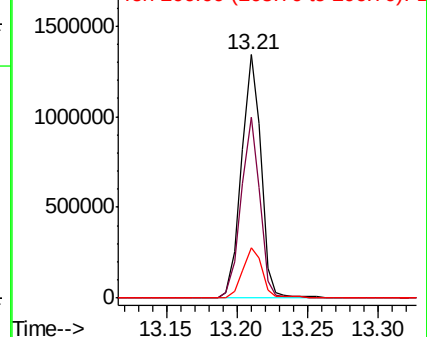
206 20.6 16.8 25.2

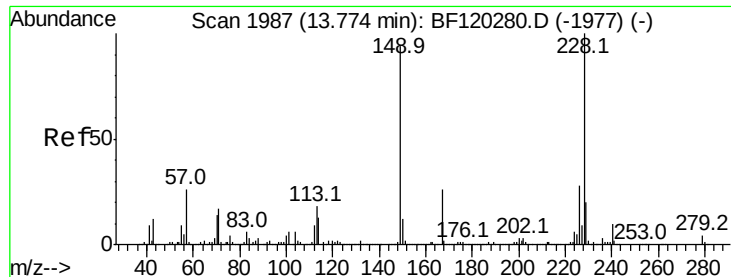


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.532 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

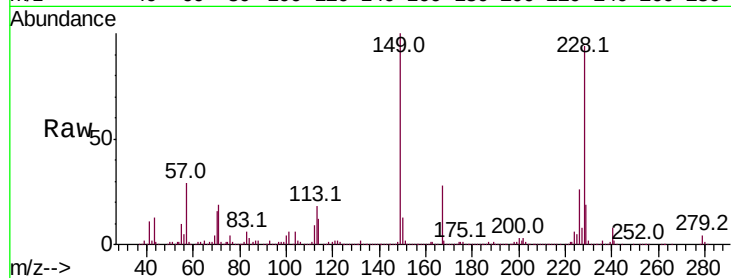
Tot Ion:228 Resp: 1968773

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

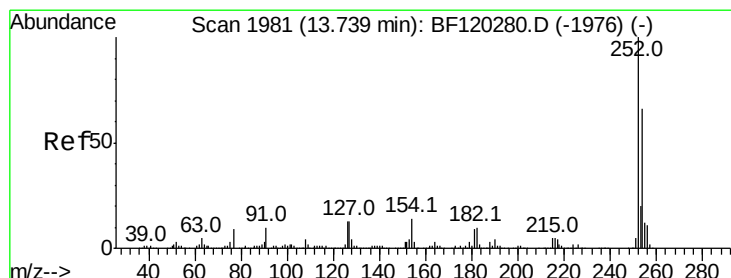
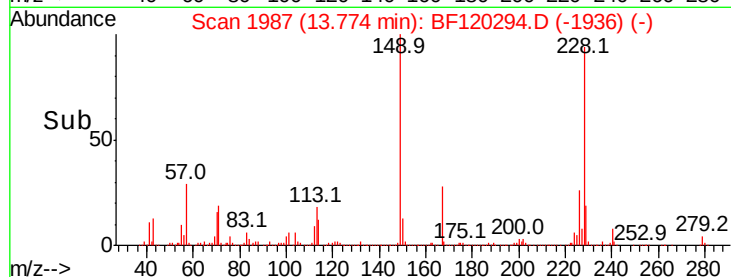
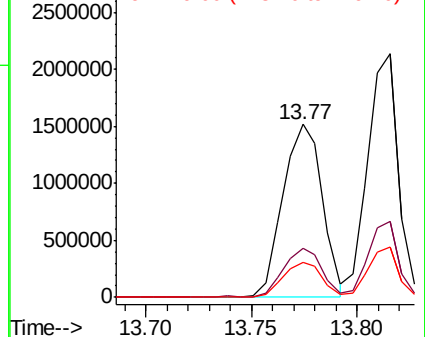
229 20.2 16.4 24.6



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: 24.962 ng

RT: 13.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

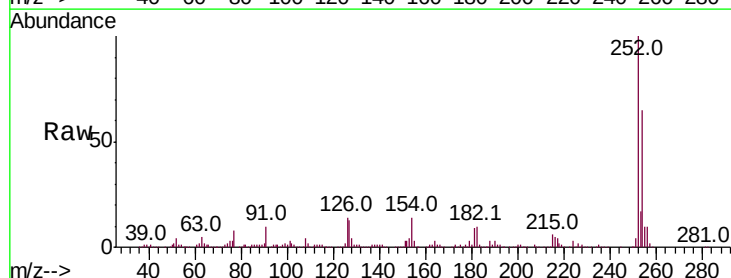
Tgt Ion:252 Resp: 521212

Ion Ratio Lower Upper

252 100

254 65.0 52.6 78.8

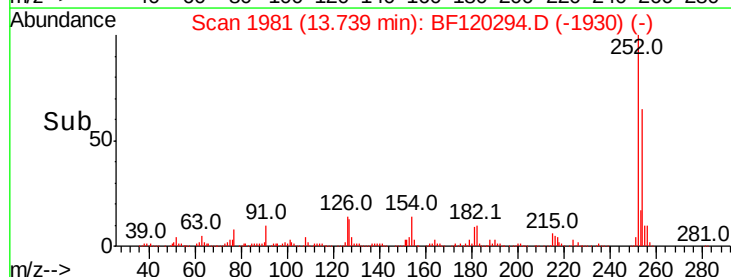
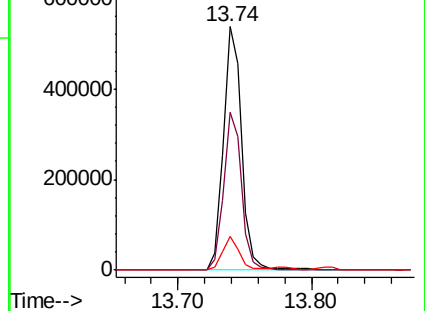
126 13.8 10.7 16.1

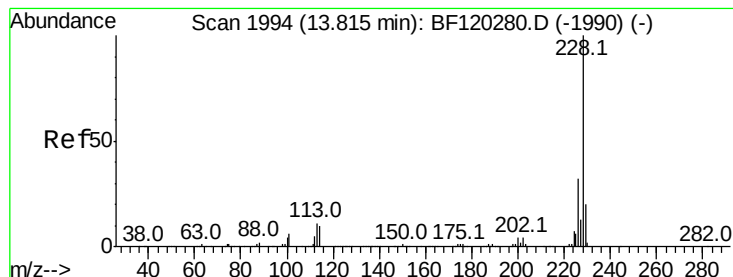


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.886 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

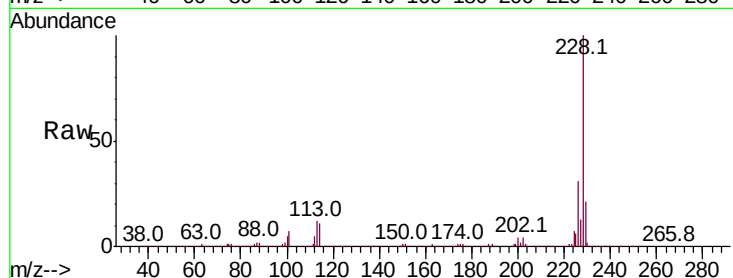
BNA_F

ClientSampleId :

PB128874BS

Tot Ion:228 Resp: 2194680

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.8	16.2	24.4

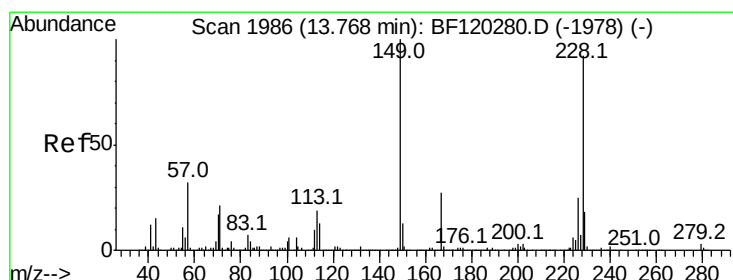
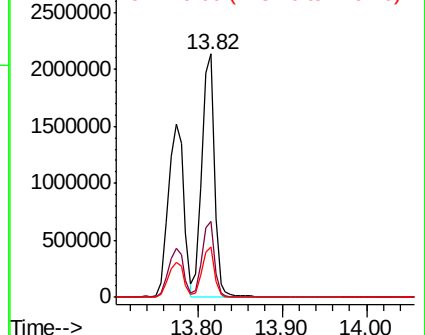
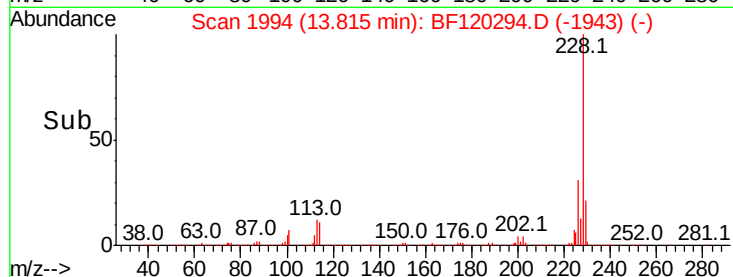


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.933 ng

RT: 13.77 min Scan# 1987

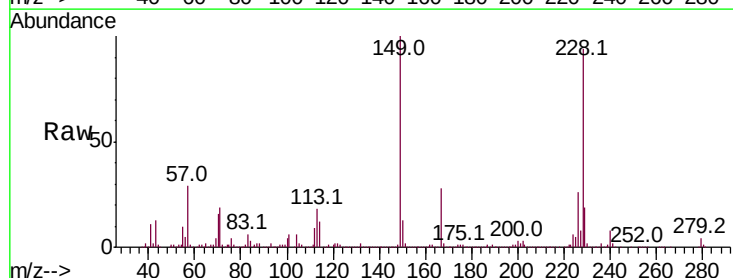
Delta R.T. 0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Tgt Ion:149 Resp: 1576598

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.8	32.8
279	3.8	2.8	4.2

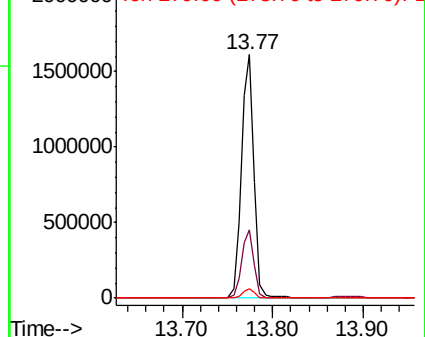
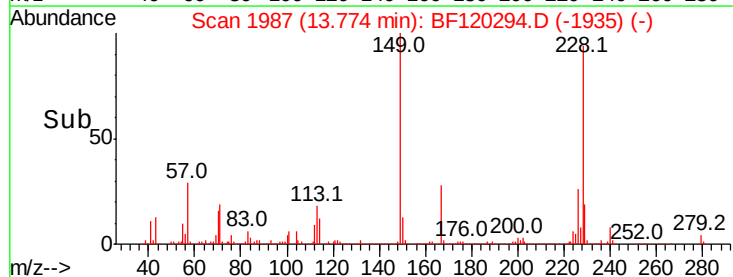


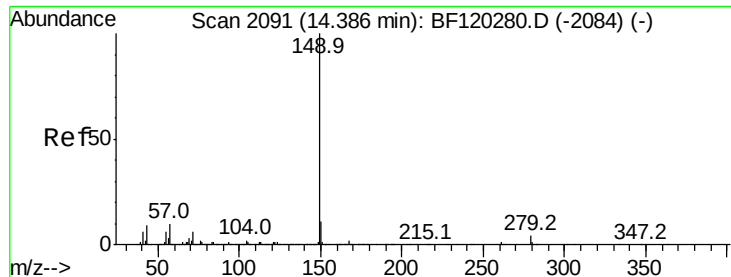
Abundance

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: 37.463 ng

RT: 14.39 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

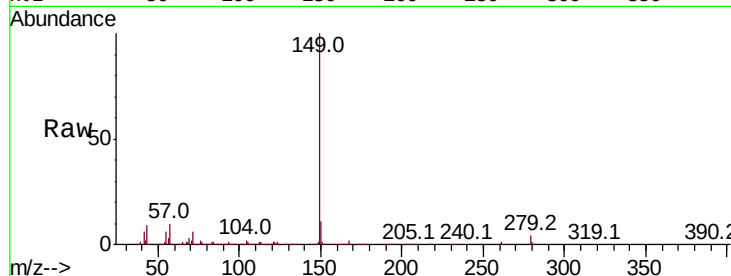
Tot Ion:149 Resp: 2957046

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

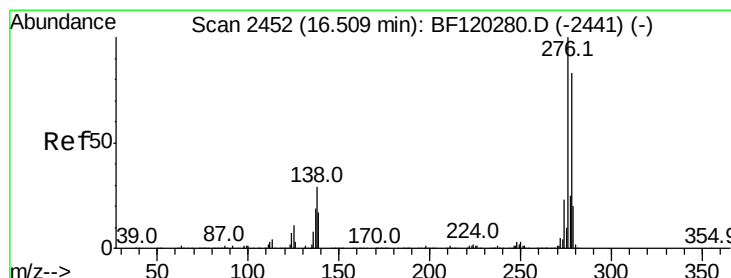
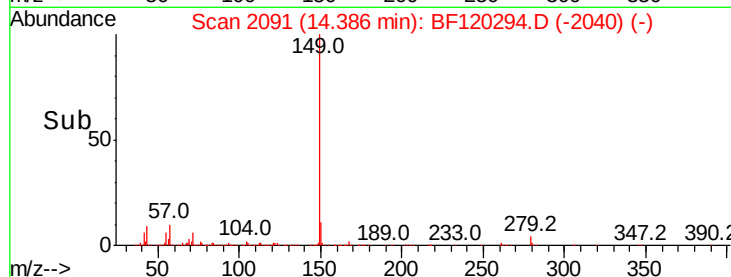
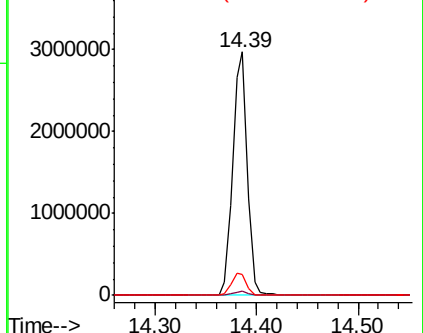
43 9.4 7.5 11.3



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: 32.996 ng

RT: 16.51 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

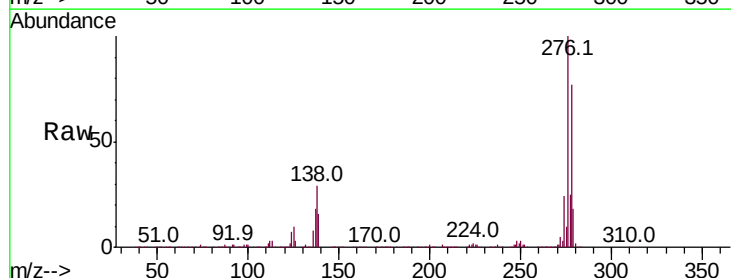
Tgt Ion:276 Resp: 1781843

Ion Ratio Lower Upper

276 100

138 29.0 23.3 34.9

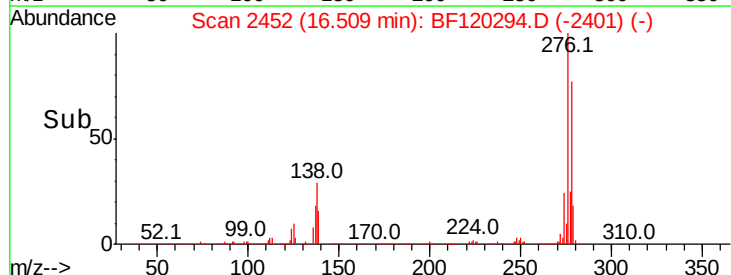
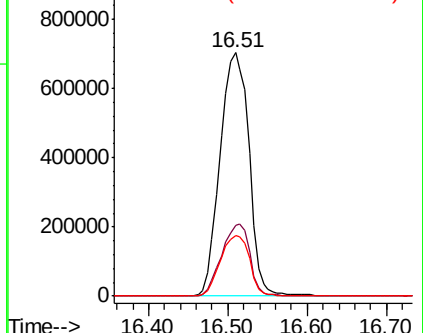
277 25.1 20.2 30.4

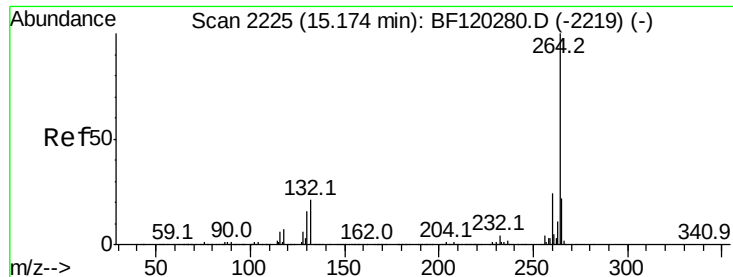


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

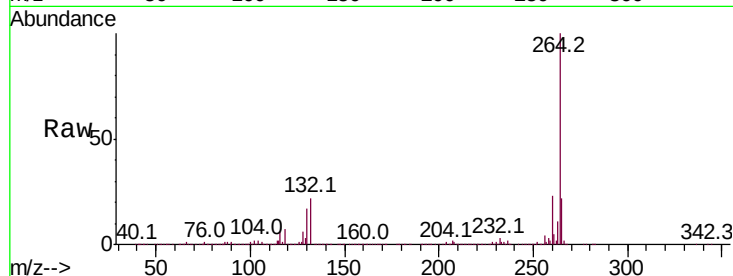




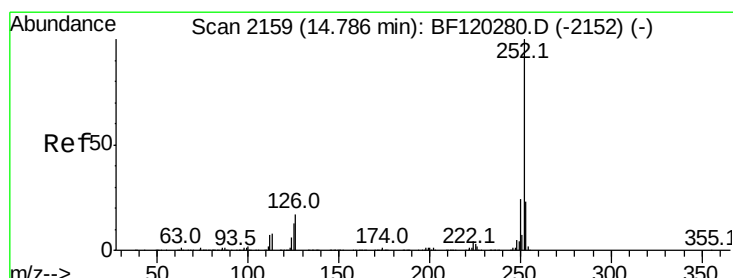
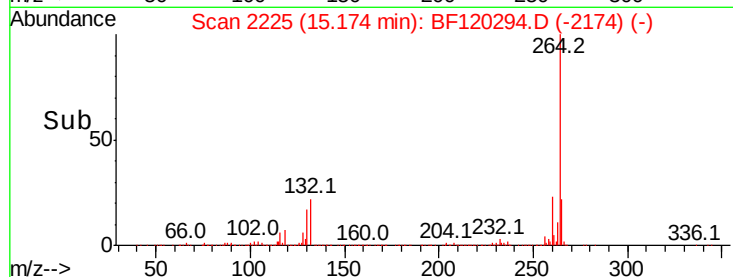
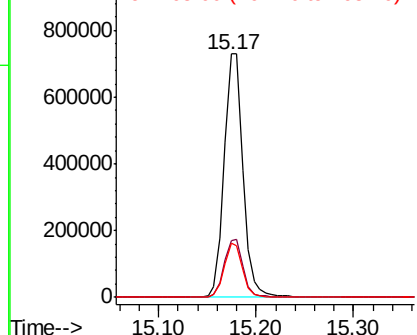
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Instrument :
BNA_F
ClientSampleId :
PB128874BS

Tot Ion:264 Resp: 983093
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.6
265 22.2 17.5 26.3

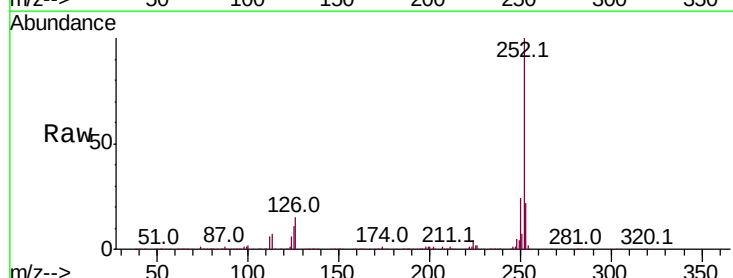


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

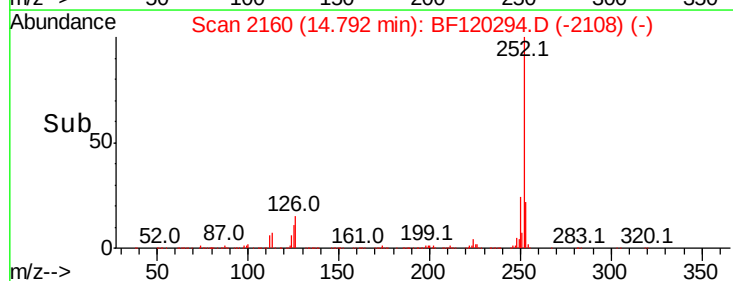
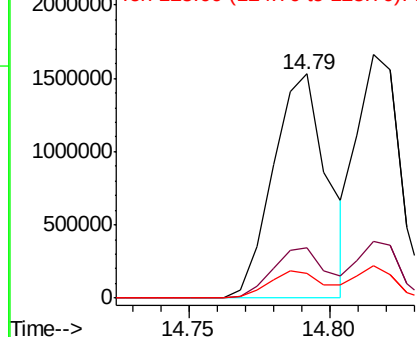


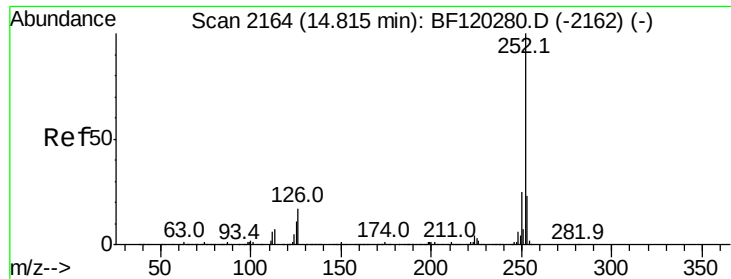
#88
Benzo(b)fluoranthene
Concen: 38.107 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion:252 Resp: 2045911
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.1 10.4 15.6



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

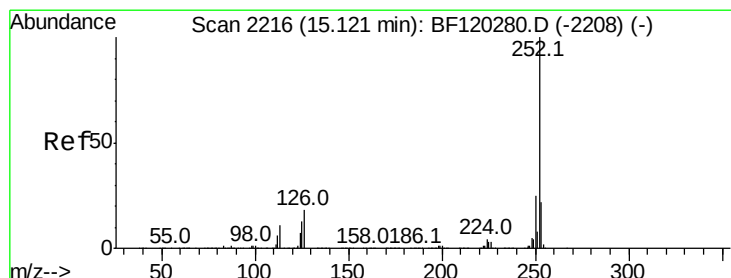
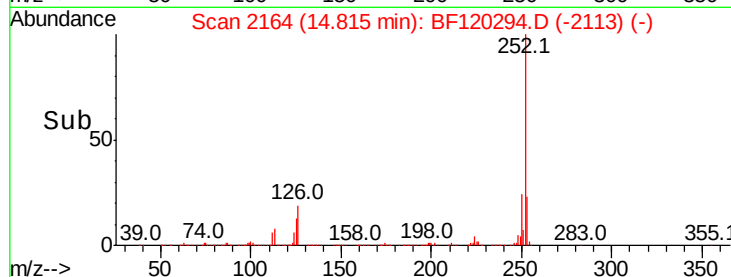
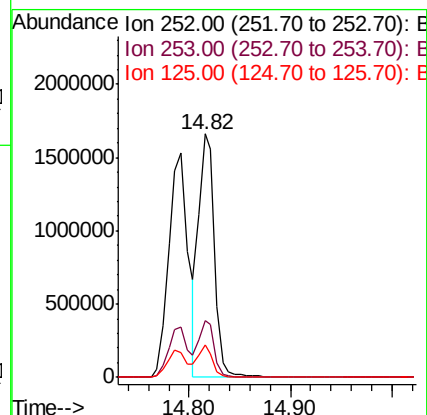
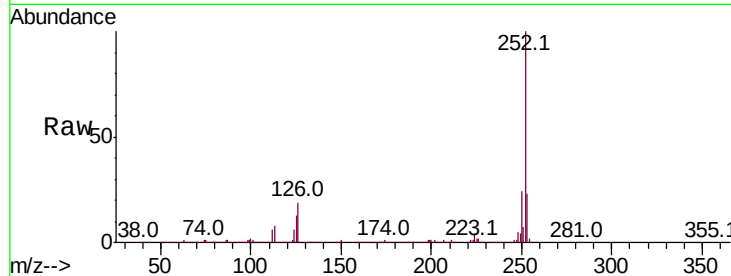




#89
Benzo(k)fluoranthene
Concen: 38.297 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

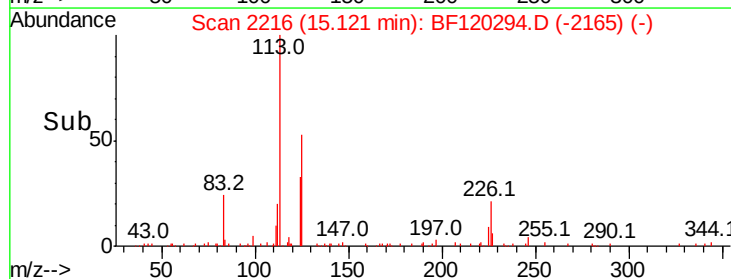
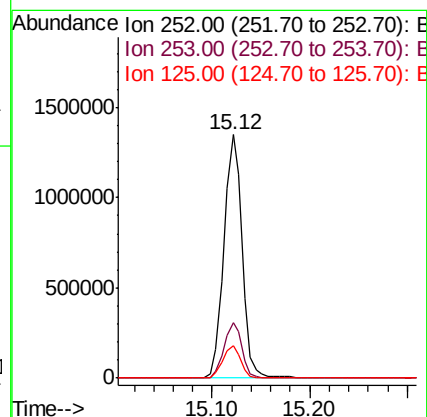
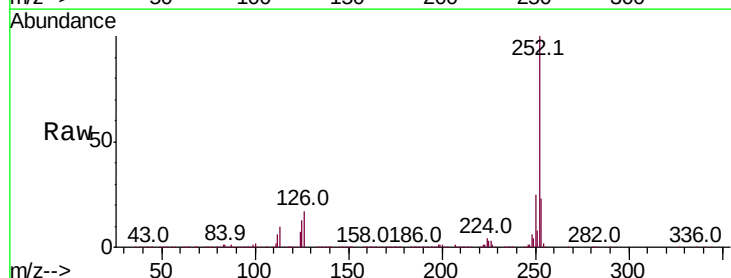
Instrument :
BNA_F
ClientSampleId :
PB128874BS

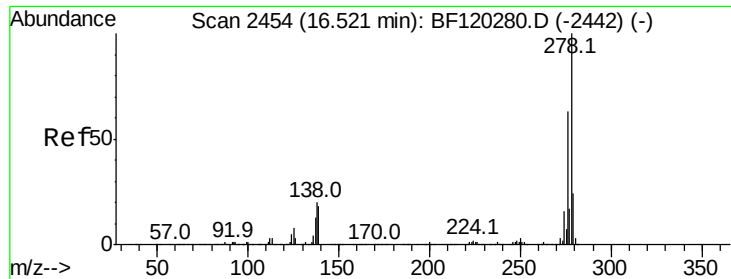
Tot Ion:252 Resp: 1781382
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 13.1 9.9 14.9



#90
Benzo(a)pyrene
Concen: 36.154 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF120294.D
Acq: 14 May 2020 16:53

Tgt Ion:252 Resp: 1740782
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 13.4 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 34.743 ng

RT: 16.52 min Scan# 2454

Delta R.T. -0.00 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

Instrument :

BNA_F

ClientSampleId :

PB128874BS

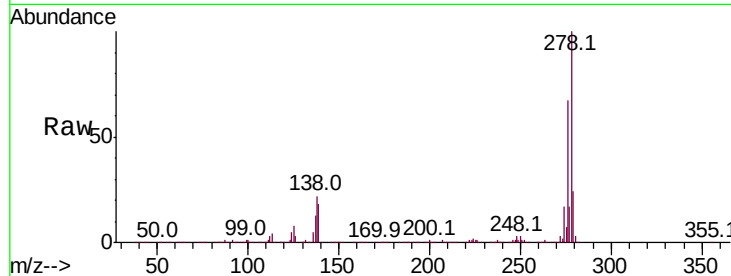
Tot Ion:278 Resp: 1482005

Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.7	22.1
279	24.0	19.2	28.8

278 100

139 18.0 14.7 22.1

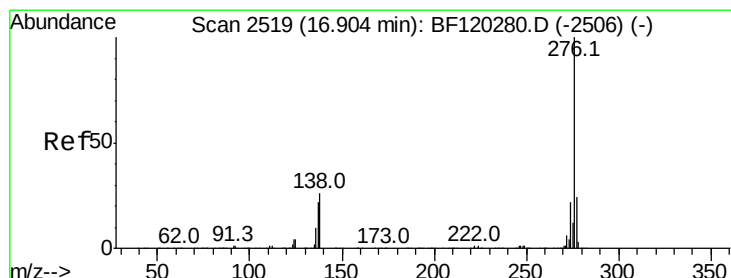
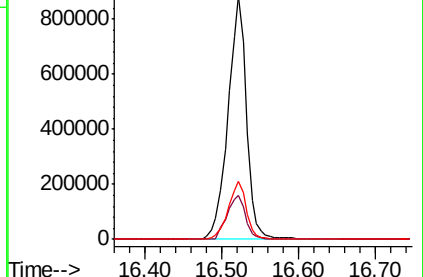
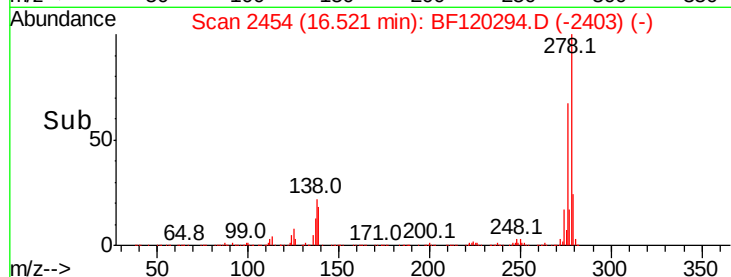
279 24.0 19.2 28.8



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: 34.245 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BF120294.D

Acq: 14 May 2020 16:53

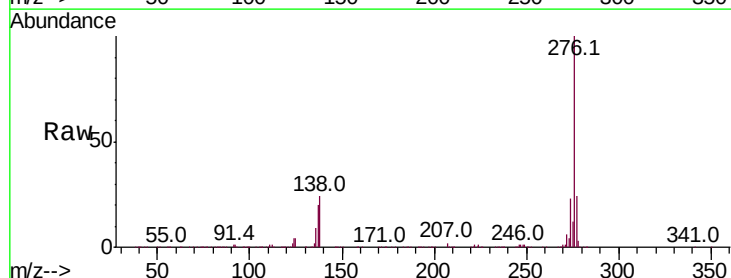
Tgt Ion:276 Resp: 1473046

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	24.0	20.8	31.2

276 100

277 23.9 19.1 28.7

138 24.0 20.8 31.2



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

