

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051920\
 Data File : BF120365.D
 Acq On : 19 May 2020 15:48
 Operator : MA/SJ
 Sample : L2686-02MS 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Quant Time: May 19 16:46:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 13:17:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	260131	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	856649	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	333134	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	477164	20.00	ng	0.01
76) Chrysene-d12	13.77	240	389100	20.00	ng	0.00
87) Perylene-d12	15.16	264	426781	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	687906	51.45	ng	0.00
7) Phenol-d6	6.26	99	906753	53.63	ng	0.00
23) Nitrobenzene-d5	7.16	82	612823	48.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.45	330	143004	52.65	ng	0.01
45) 2-Fluorobiphenyl	8.96	172	1032194	63.66	ng	0.00
79) Terphenyl-d14	12.73	244	628746	35.70	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	83155	15.636	ng	98
3) Pyridine	2.83	79	147410	8.817	ng	97
4) n-Nitrosodimethylamine	2.76	42	95590	14.603	ng	# 99
6) Aniline	6.28	93	209963	9.711	ng	90
8) 2-Chlorophenol	6.39	128	243837	15.642	ng	98
9) Benzaldehyde	6.14	77	141743	13.600	ng	98
10) Phenol	6.27	94	313709	15.895	ng	# 76
11) bis(2-Chloroethyl)ether	6.33	93	230226	14.603	ng	98
12) 1,3-Dichlorobenzene	6.53	146	253468	15.196	ng	98
13) 1,4-Dichlorobenzene	6.61	146	290103	16.886	ng	97
14) 1,2-Dichlorobenzene	6.76	146	274178	17.722	ng	98
15) Benzyl Alcohol	6.75	79	222323	18.510	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	432306	17.400	ng	87
17) 2-Methylphenol	6.87	107	215318	16.362	ng	95
18) Hexachloroethane	7.10	117	102774	15.703	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	190602	17.208	ng	97
20) 3+4-Methylphenols	7.03	107	289529	16.922	ng	97
22) Acetophenone	7.01	105	379518	21.626	ng	# 98
24) Nitrobenzene	7.18	77	276494	20.533	ng	97
25) Isophorone	7.42	82	456720	17.544	ng	98
26) 2-Nitrophenol	7.50	139	131513	18.674	ng	98
27) 2,4-Dimethylphenol	7.55	122	209582	20.458	ng	95
28) bis(2-Chloroethoxy)methane	7.64	93	303433	18.544	ng	99
29) 2,4-Dichlorophenol	7.76	162	179749	17.084	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	199283	17.092	ng	97
31) Naphthalene	7.90	128	659916	18.253	ng	98
32) Benzoic acid	7.66	122	84609	12.600	ng	99
33) 4-Chloroaniline	7.97	127	168360	10.218	ng	97
34) Hexachlorobutadiene	8.02	225	111166	16.496	ng	97
35) Caprolactam	8.32	113	57988	16.846	ng	# 79
36) 4-Chloro-3-methylphenol	8.46	107	186682	16.401	ng	96
37) 2-Methylnaphthalene	8.60	142	426356	17.232	ng	97
38) 1-Methylnaphthalene	8.69	142	470303	19.599	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	214540	25.540	ng	98

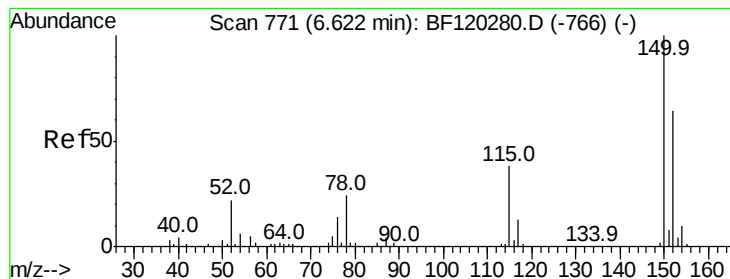
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF051920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	31518	14.969	ng	95
43) 2,4,6-Trichlorophenol	8.89	196	135502	24.031	ng	96
44) 2,4,5-Trichlorophenol	8.93	196	140271	21.662	ng #	95
46) 1,1'-Biphenyl	9.06	154	560455	25.677	ng	98
47) 2-Chloronaphthalene	9.09	162	404776	23.118	ng	98
48) 2-Nitroaniline	9.19	65	140895	22.055	ng	96
49) Acenaphthylene	9.50	152	677808	25.343	ng #	94
50) Dimethylphthalate	9.37	163	620624	29.471	ng	99
51) 2,6-Dinitrotoluene	9.43	165	124254	26.436	ng #	78
52) Acenaphthene	9.67	154	290587	18.126	ng	98
53) 3-Nitroaniline	9.60	138	91348	16.298	ng #	84
54) 2,4-Dinitrophenol	9.72	184	35710	16.096	ng #	79
55) Dibenzofuran	9.85	168	429423	18.601	ng	96
56) 4-Nitrophenol	9.79	139	90156	29.935	ng #	1
57) 2,4-Dinitrotoluene	9.85	165	86462	15.682	ng #	83
58) Fluorene	10.20	166	308035	17.520	ng	95
59) 2,3,4,6-Tetrachlorophenol	9.98	232	71307	14.633	ng #	91
60) Diethylphthalate	10.07	149	365033	17.955	ng #	89
61) 4-Chlorophenyl-phenylether	10.19	204	147811	16.170	ng	93
62) 4-Nitroaniline	10.22	138	65422	12.535	ng #	63
63) Azobenzene	10.35	77	317917	16.545	ng	91
65) 4,6-Dinitro-2-methylphenol	10.26	198	26527	10.993	ng #	1
66) n-Nitrosodiphenylamine	10.31	169	276494	20.945	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	78051	16.857	ng #	80
68) Hexachlorobenzene	10.76	284	83437	17.225	ng #	85
69) Atrazine	10.85	200	74822	18.942	ng #	69
70) Pentachlorophenol	10.96	266	63803	30.969	ng	96
71) Phenanthrene	11.17	178	513814	25.626	ng #	91
72) Anthracene	11.22	178	443745	20.673	ng #	92
73) Carbazole	11.37	167	343421	17.123	ng #	89
74) Di-n-butylphthalate	11.71	149	464454	19.215	ng	96
75) Fluoranthene	12.36	202	954799	44.428	ng	99
78) Pyrene	12.59	202	932952	33.633	ng	99
80) Butylbenzylphthalate	13.20	149	197337	15.108	ng	98
81) Benzo(a)anthracene	13.76	228	765758	37.313	ng	94
82) 3,3'-Dichlorobenzidine	13.72	252	78855	10.196	ng #	95
83) Chrysene	13.80	228	783181	35.539	ng	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	348845	21.466	ng	100
85) Di-n-octyl phthalate	14.36	149	486498	16.641	ng	100
86) Indeno(1,2,3-cd)pyrene	16.48	276	725558	36.276	ng	94
88) Benzo(b)fluoranthene	14.77	252	1014740	43.537	ng	99
89) Benzo(k)fluoranthene	14.77	252	1014740	50.252	ng	100
90) Benzo(a)pyrene	15.10	252	737955	35.304	ng	98
91) Dibenzo(a,h)anthracene	16.49	278	411541	22.224	ng	98
92) Benzo(g,h,i)perylene	16.87	276	626108	33.529	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

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VNJ-214MS

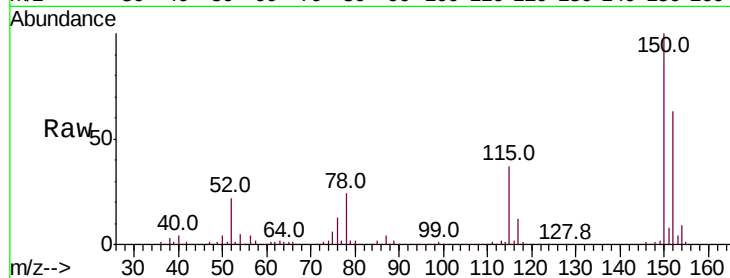
Tot Ion:152 Resp: 260131

Ion Ratio Lower Upper

152 100

150 159.0 126.2 189.2

115 58.7 47.9 71.9

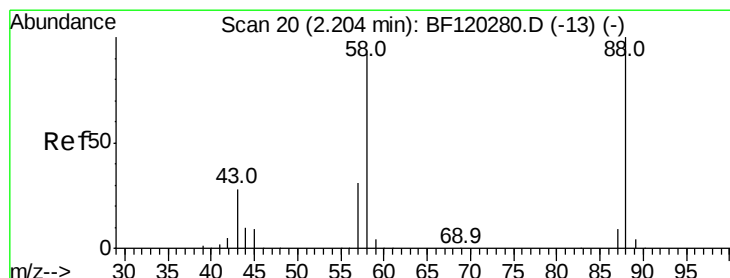
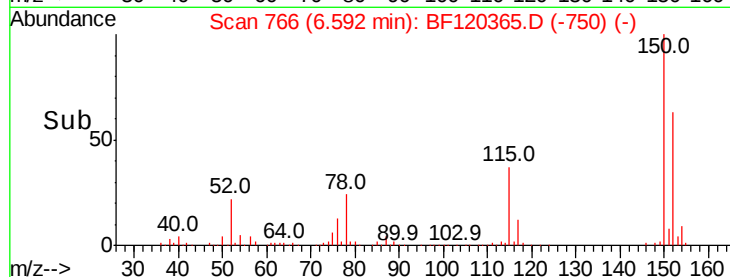
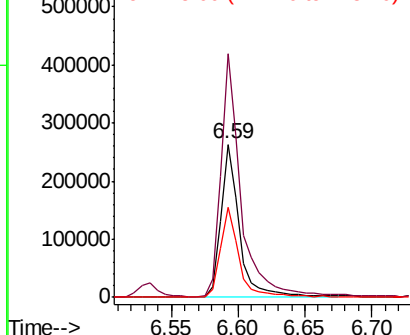


Abundance

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: 15.636 ng

RT: 2.15 min Scan# 11

Delta R.T. -0.02 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

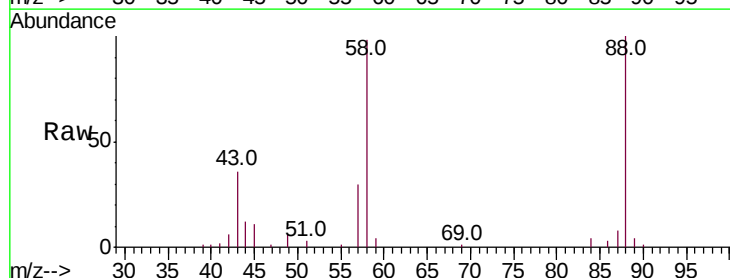
Tgt Ion: 88 Resp: 83155

Ion Ratio Lower Upper

88 100

58 92.1 75.8 113.6

43 29.3 23.6 35.4

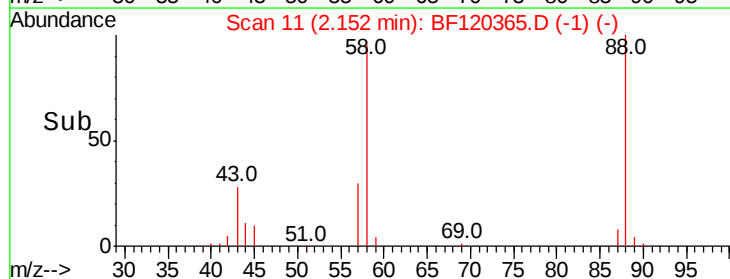
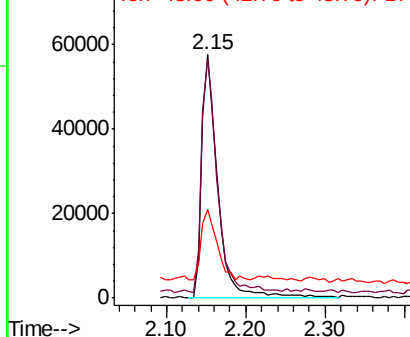


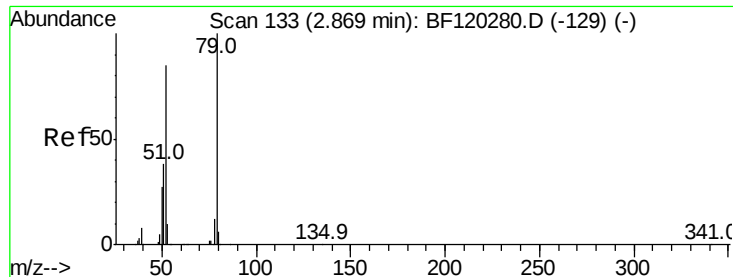
Abundance

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: 8.817 ng

RT: 2.83 min Scan# 126

Delta R.T. 0.01 min

Lab File: BF120365.D

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Instrument :

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ClientSampleId :

VNJ-214MS

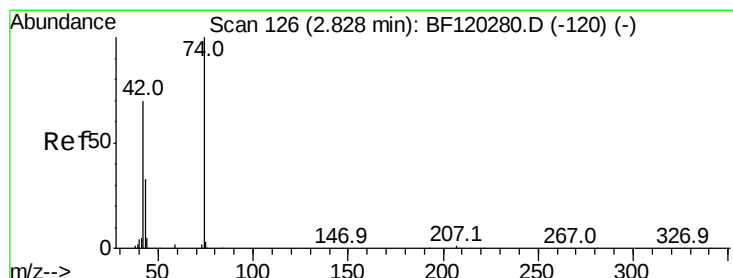
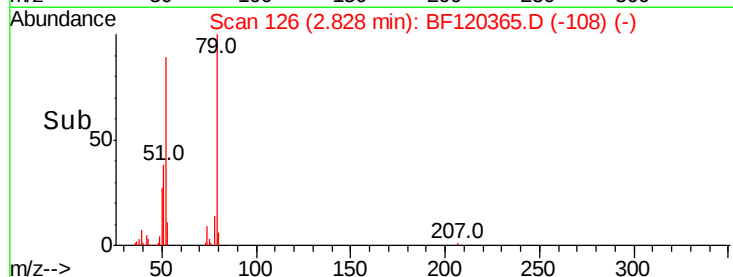
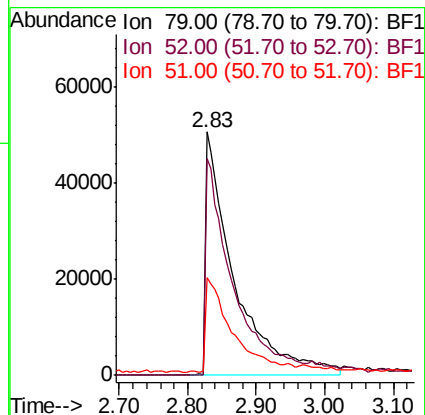
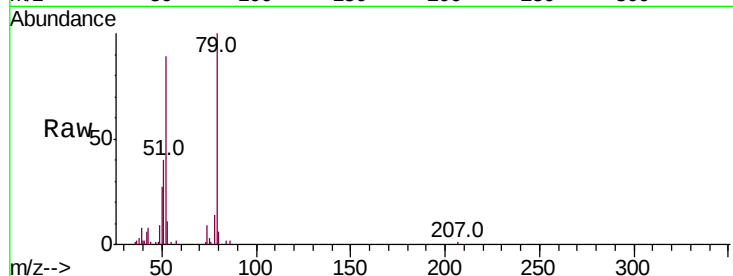
Tot Ion: 79 Resp: 147410

Ion Ratio Lower Upper

79 100

52 89.2 68.4 102.6

51 40.0 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 14.603 ng

RT: 2.76 min Scan# 114

Delta R.T. -0.03 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

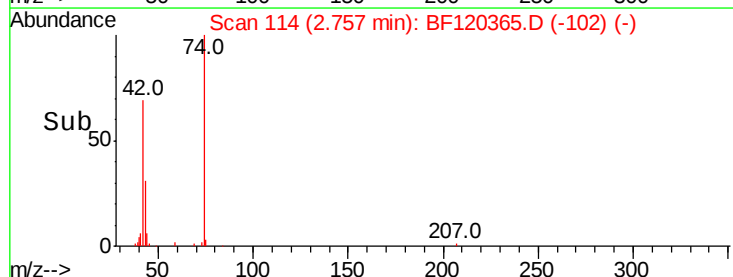
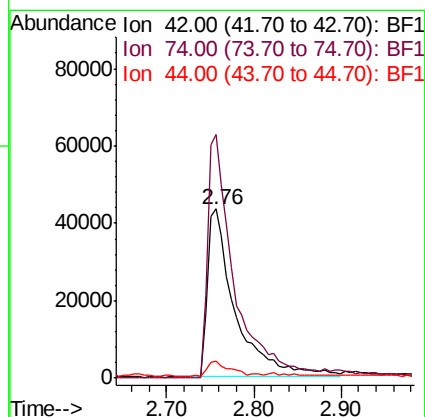
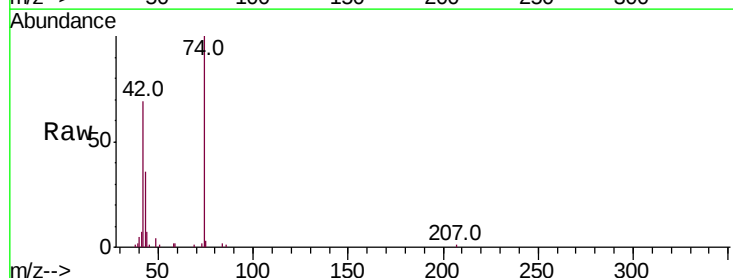
Tgt Ion: 42 Resp: 95590

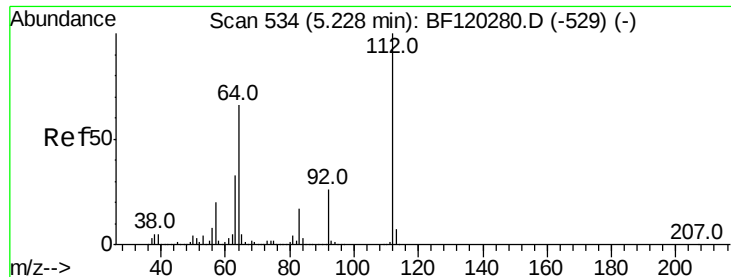
Ion Ratio Lower Upper

42 100

74 143.9 114.8 172.2

44 9.9 5.6 8.4#





#5

2-Fluorophenol

Concen: 51.453 ng

RT: 5.20 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

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VNJ-214MS

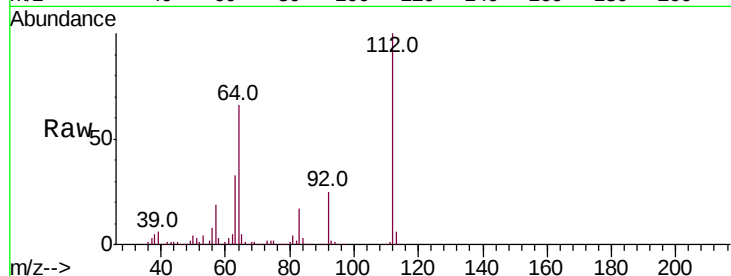
Tot Ion:112 Resp: 687906

Ion Ratio Lower Upper

112 100

64 66.4 52.7 79.1

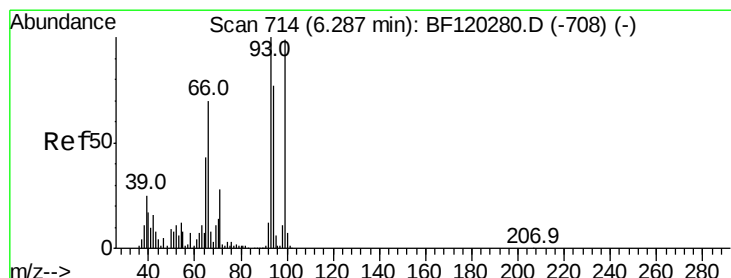
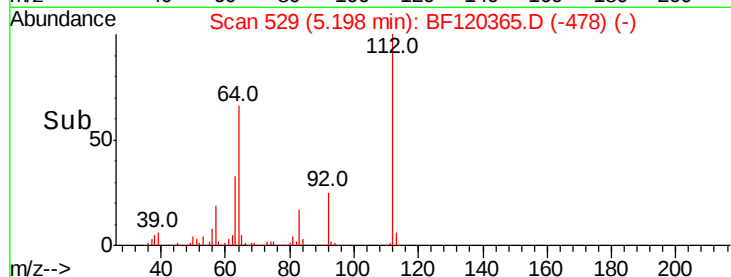
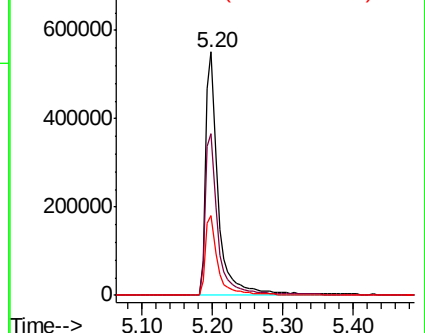
63 32.5 26.2 39.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.711 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.02 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

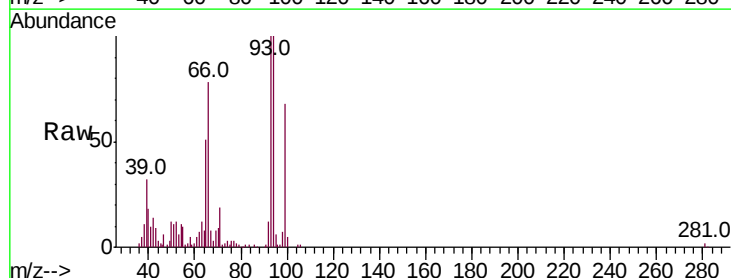
Tgt Ion: 93 Resp: 209963

Ion Ratio Lower Upper

93 100

66 77.6 56.2 84.4

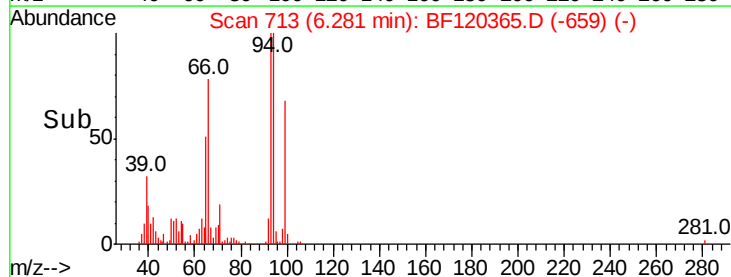
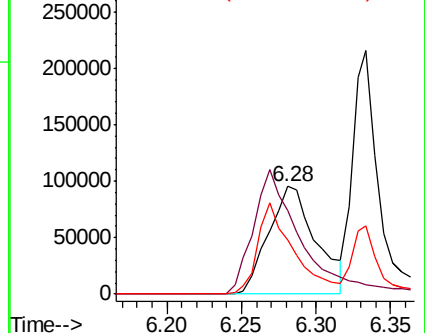
65 50.9 34.2 51.2

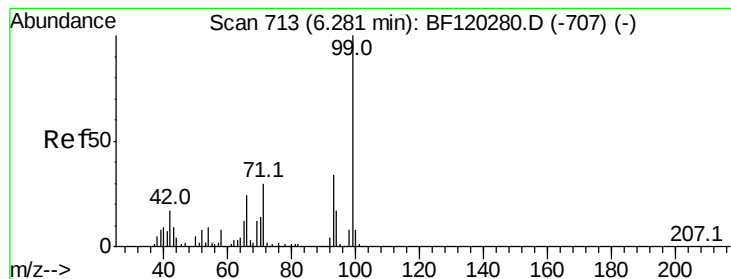


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 53.632 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF120365.D

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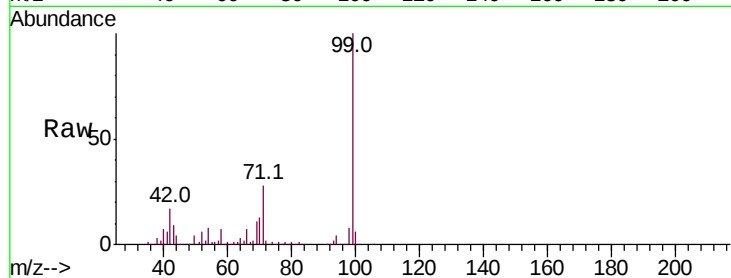
Tot Ion: 99 Resp: 906753

Ion Ratio Lower Upper

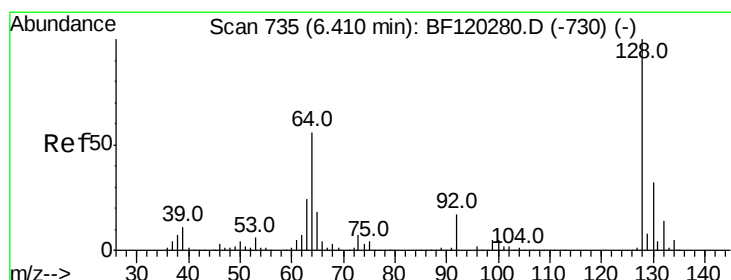
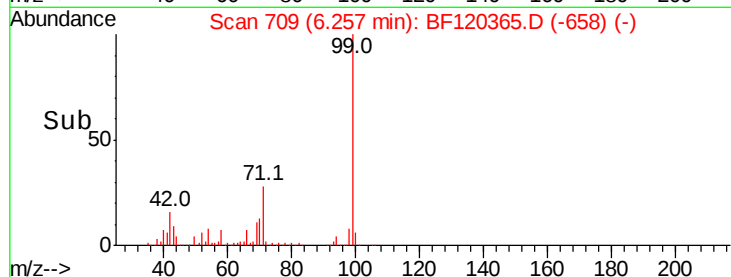
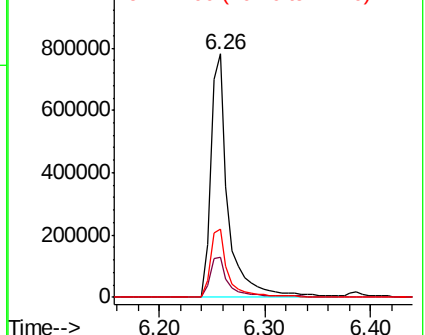
99 100

42 16.5 13.6 20.4

71 28.0 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: 15.642 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

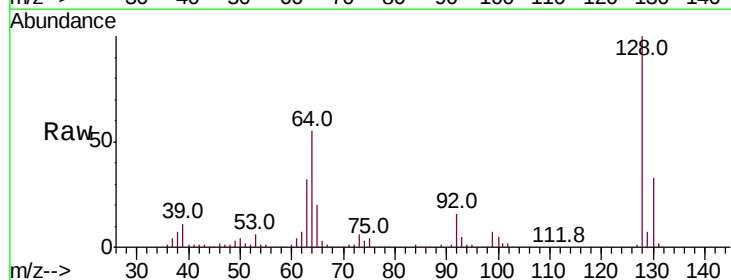
Tgt Ion: 128 Resp: 243837

Ion Ratio Lower Upper

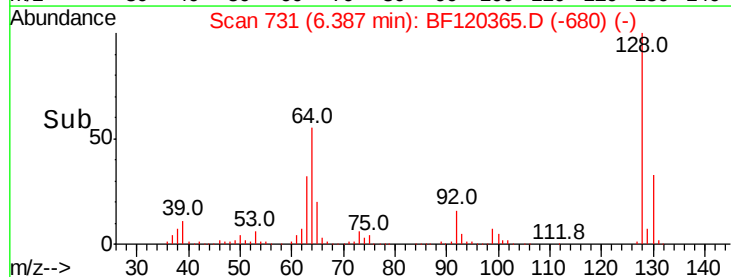
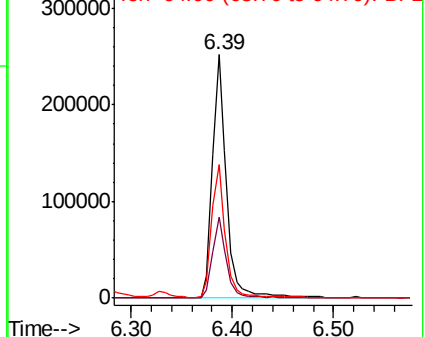
128 100

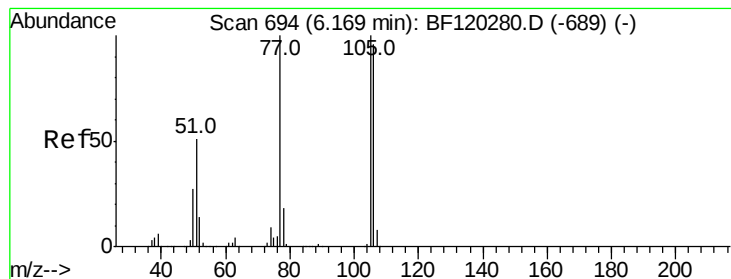
130 33.2 12.4 52.4

64 54.6 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: 13.600 ng

RT: 6.14 min Scan# 689

Delta R.T. -0.01 min

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Acq: 19 May 2020 15:48

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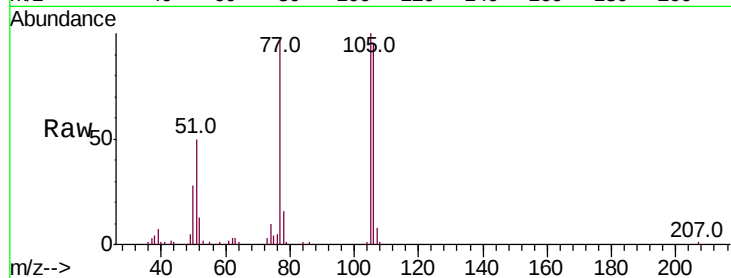
Tot Ion: 77 Resp: 141743

Ion Ratio Lower Upper

77 100

105 102.9 79.9 119.9

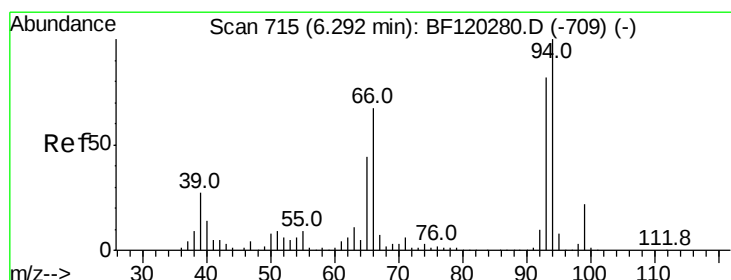
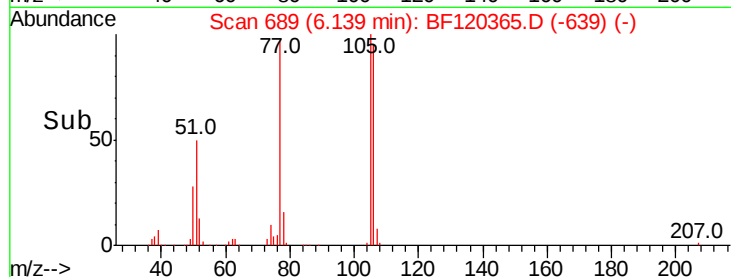
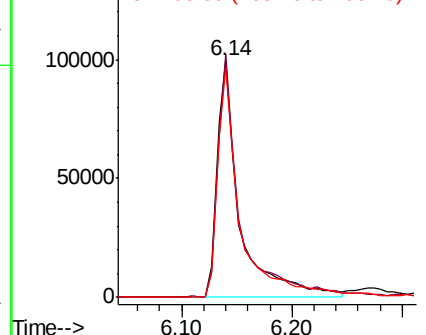
106 97.2 75.7 115.7



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: 15.895 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

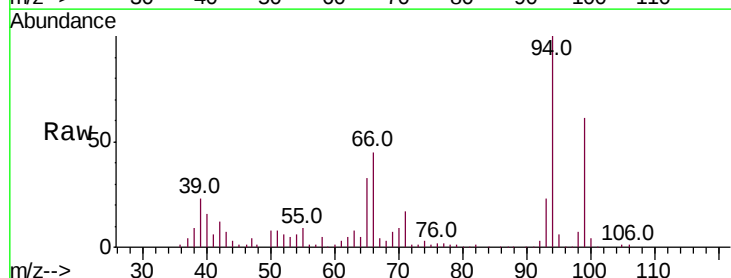
Tgt Ion: 94 Resp: 313709

Ion Ratio Lower Upper

94 100

65 32.8 24.1 64.1

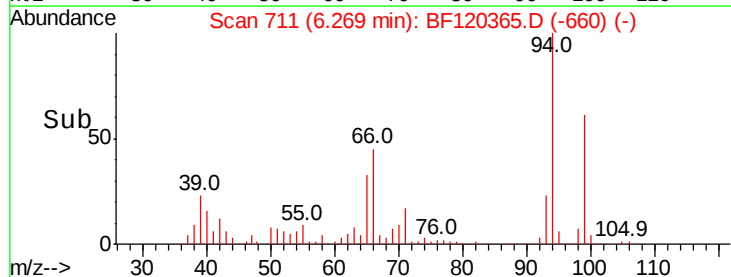
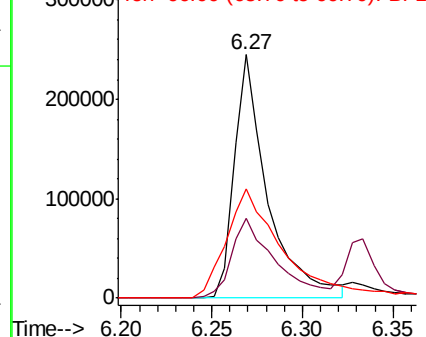
66 45.0 47.5 87.5#

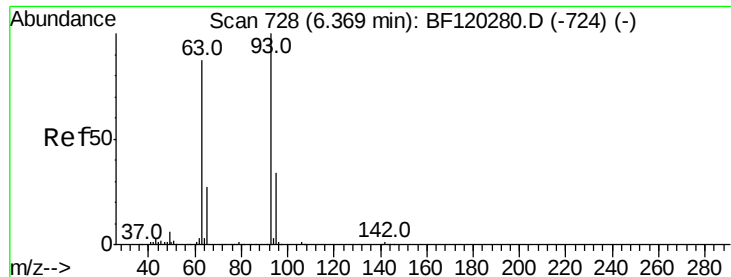


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 14.603 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

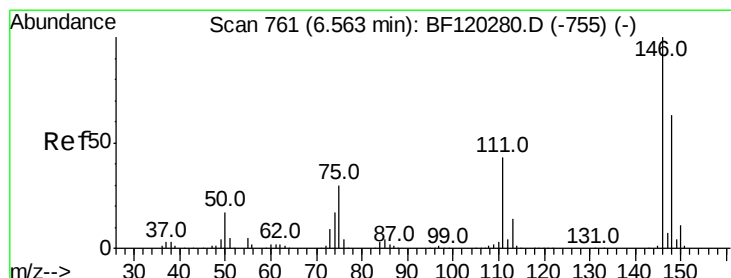
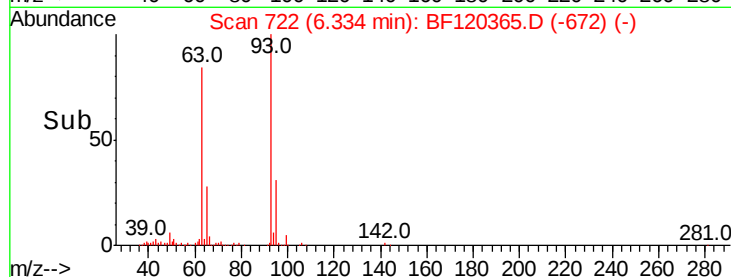
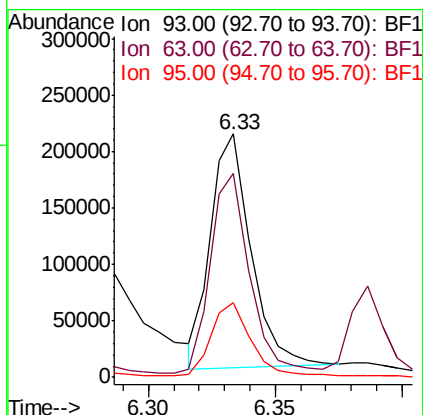
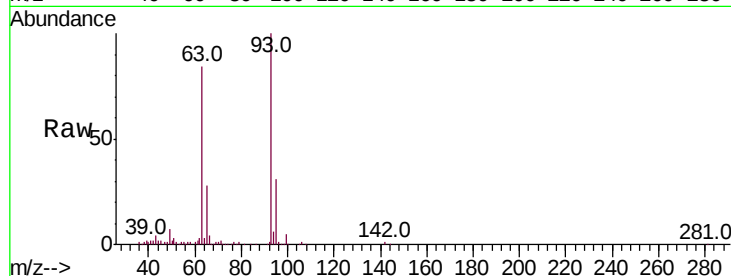
Tot Ion: 93 Resp: 230226

Ion Ratio Lower Upper

93 100

63 83.7 65.4 105.4

95 30.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 15.196 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

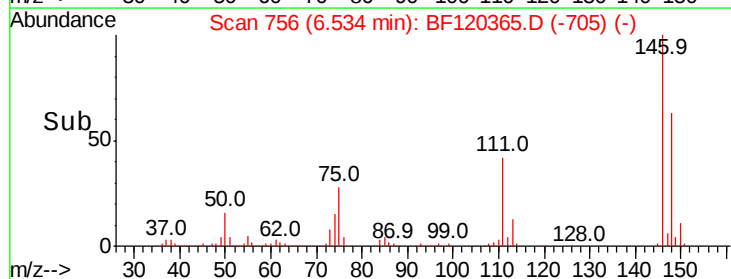
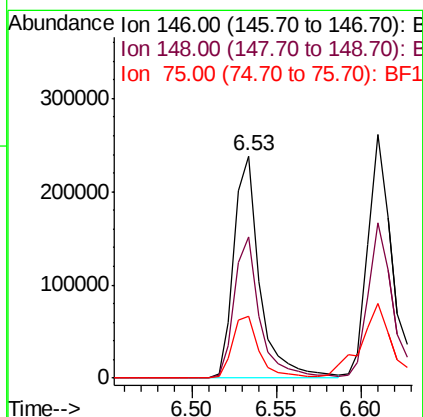
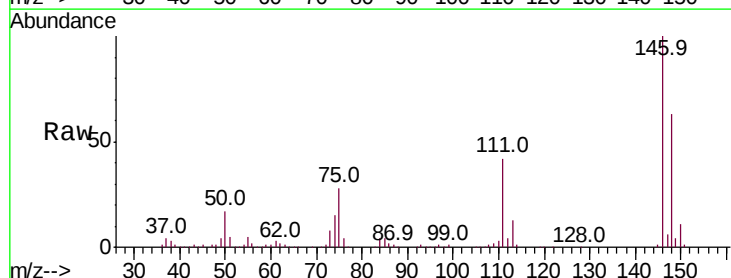
Tgt Ion: 146 Resp: 253468

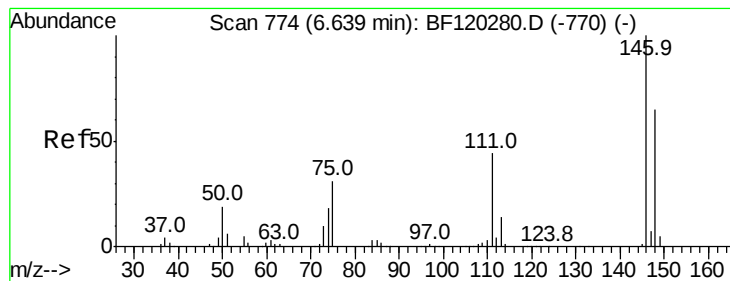
Ion Ratio Lower Upper

146 100

148 63.4 50.5 75.7

75 27.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 16.886 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

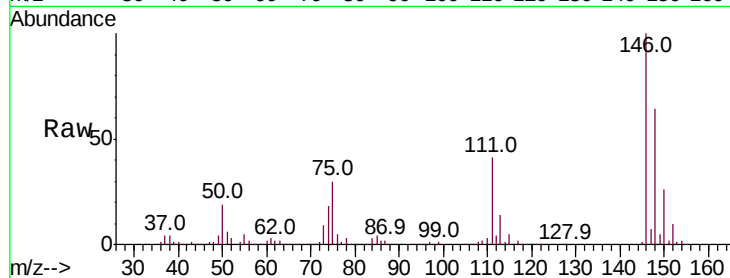
Tot Ion:146 Resp: 290103

Ion Ratio Lower Upper

146 100

148 63.7 51.6 77.4

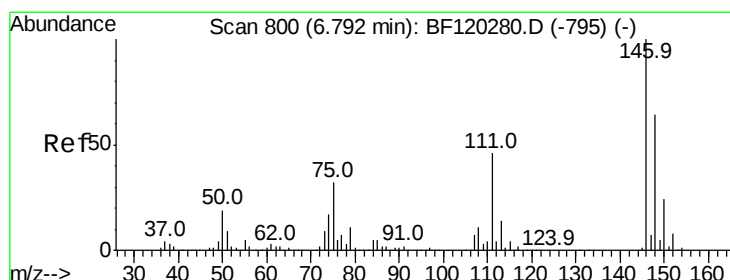
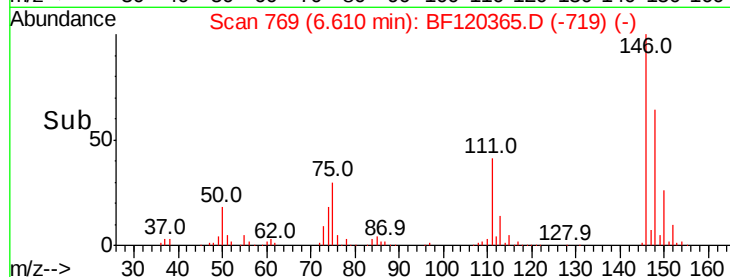
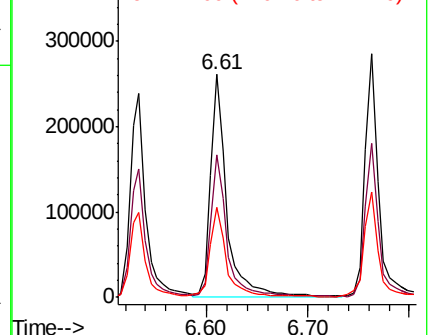
111 40.5 35.1 52.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 17.722 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

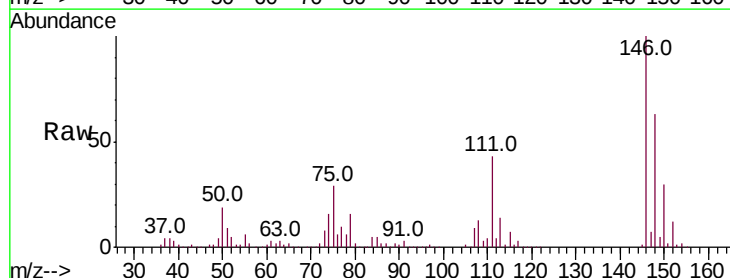
Tgt Ion:146 Resp: 274178

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

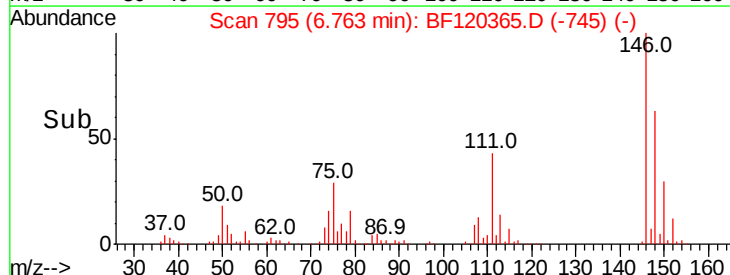
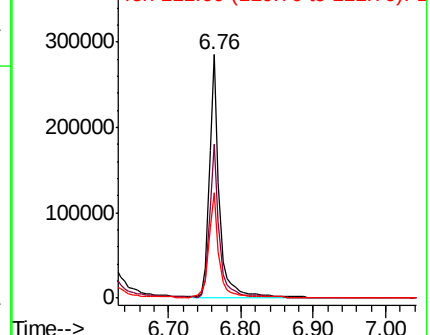
111 43.2 36.6 55.0

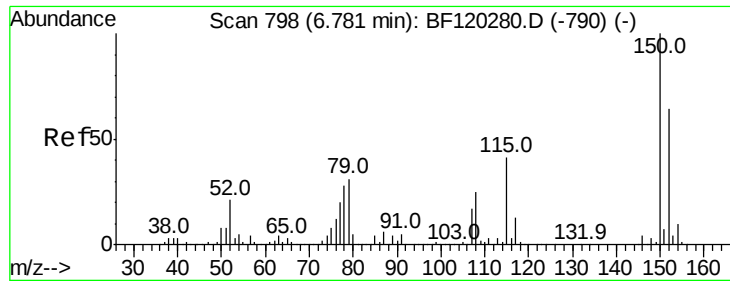


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 18.510 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

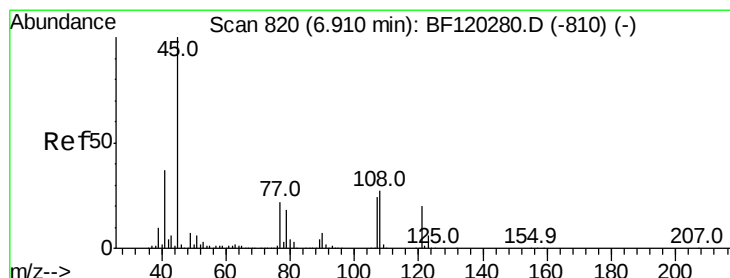
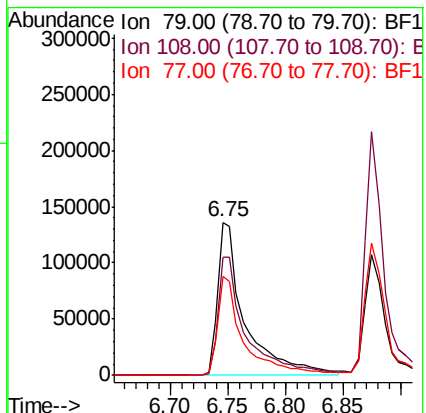
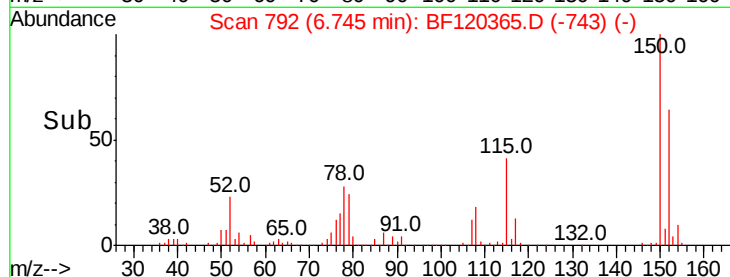
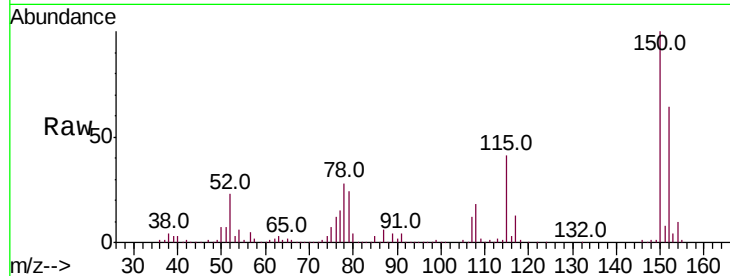
Tot Ion: 79 Resp: 222323

Ion Ratio Lower Upper

79 100

108 77.7 64.2 96.4

77 65.0 51.6 77.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.400 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

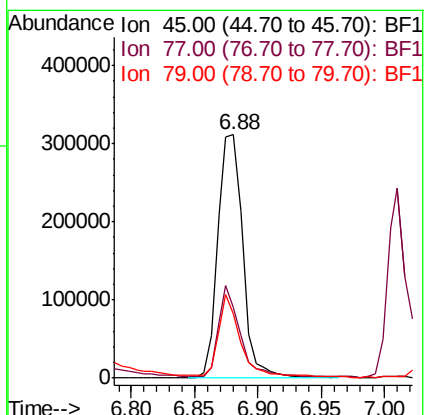
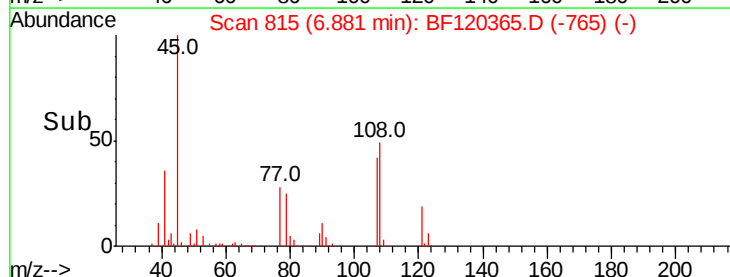
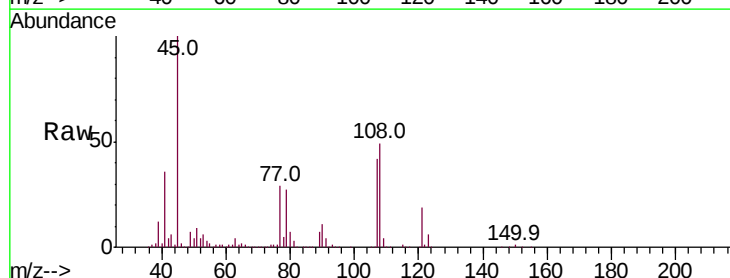
Tgt Ion: 45 Resp: 432306

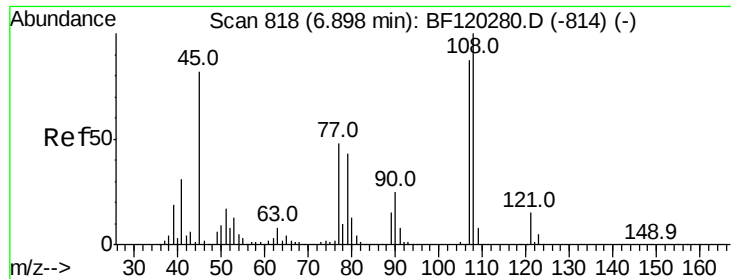
Ion Ratio Lower Upper

45 100

77 29.0 3.1 43.1

79 26.5 0.0 40.0

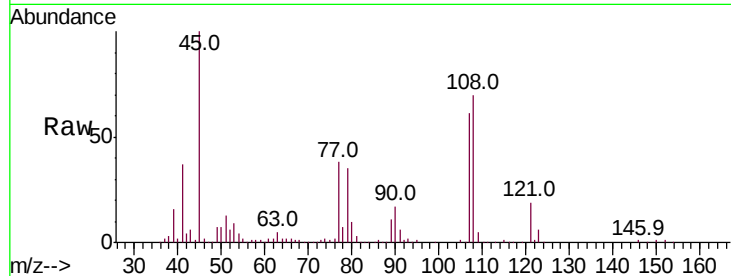




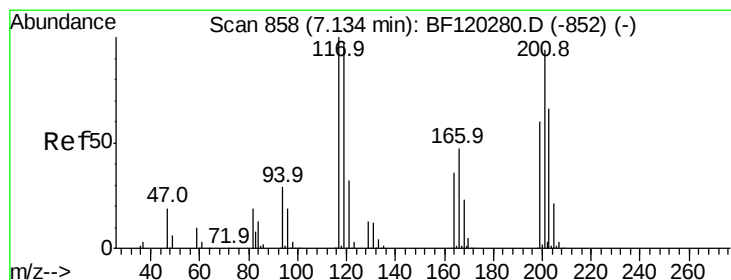
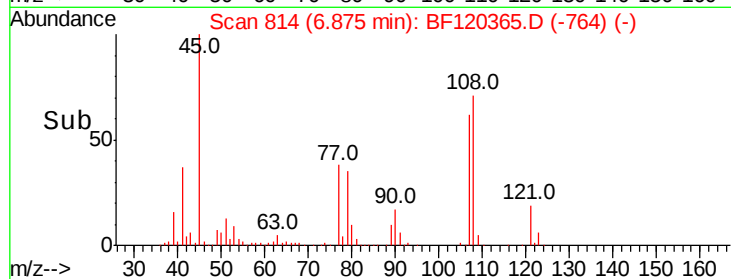
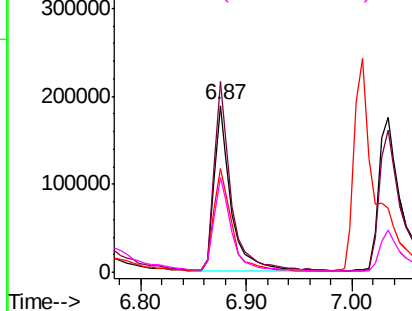
#17
2-Methylphenol
Concen: 16.362 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tot Ion:	107	Resp:	215318
Ion	Ratio	Lower	Upper
107	100		
108	114.3	92.4	138.6
77	62.1	44.5	66.7
79	56.5	40.4	60.6

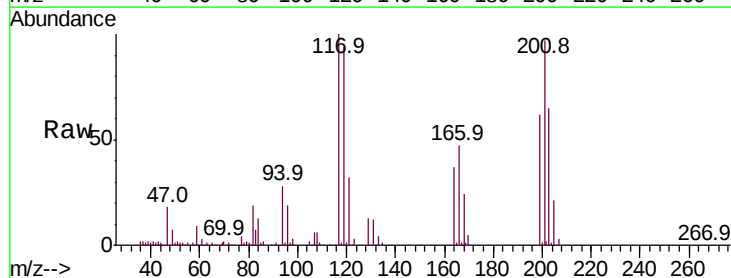


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

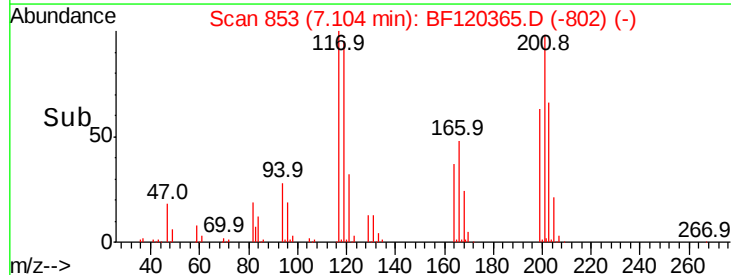
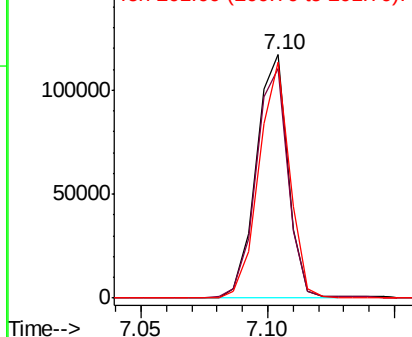


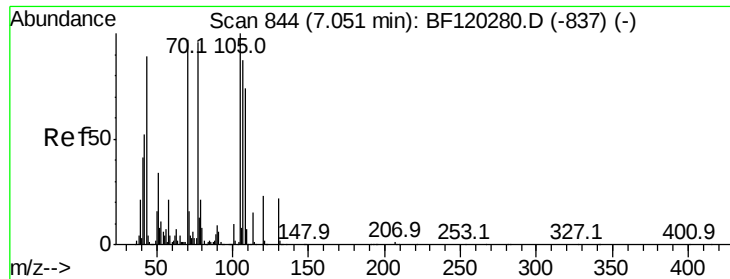
#18
Hexachloroethane
Concen: 15.703 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion:	117	Resp:	102774
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.0
201	96.8	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

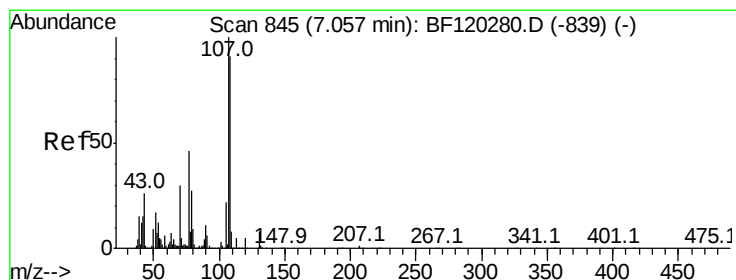
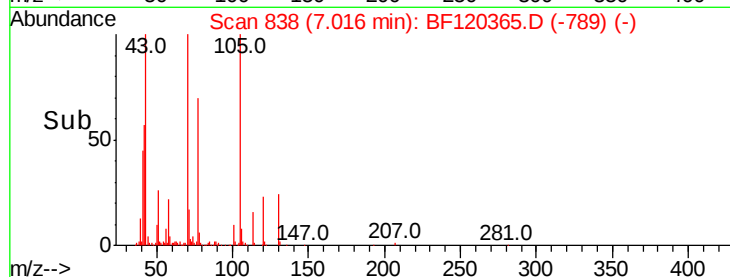
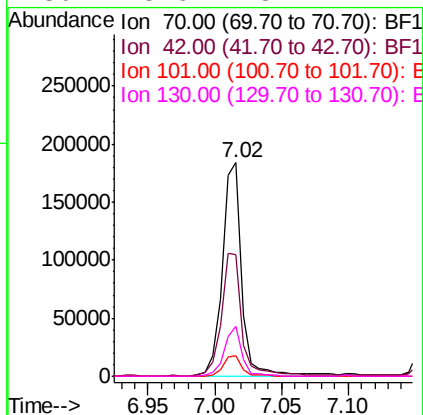
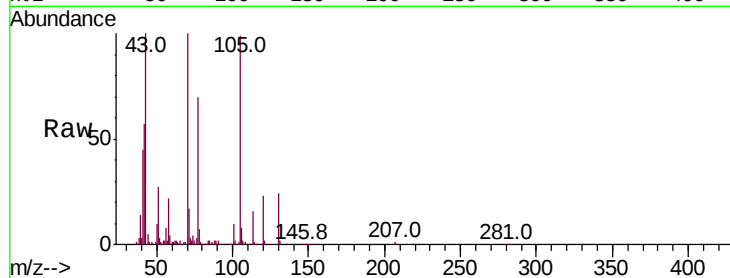




#19
n-Nitroso-di-n-propylamine
Concen: 17.208 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

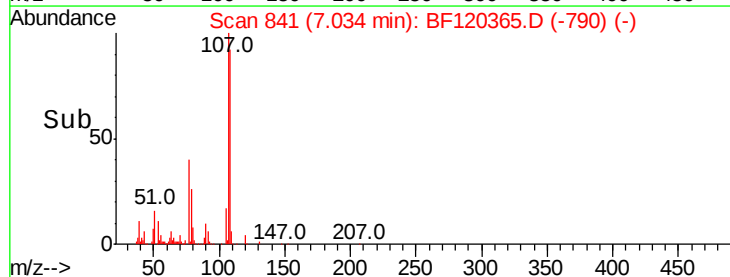
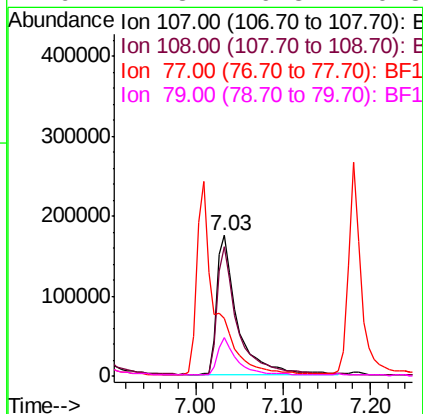
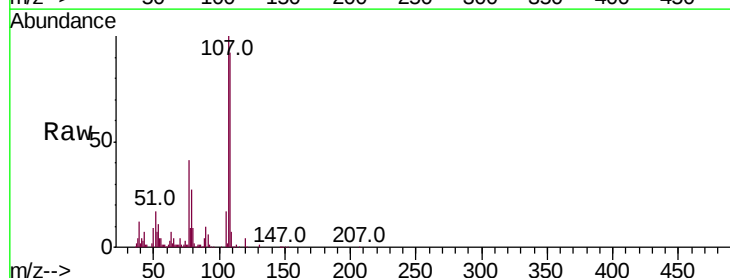
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

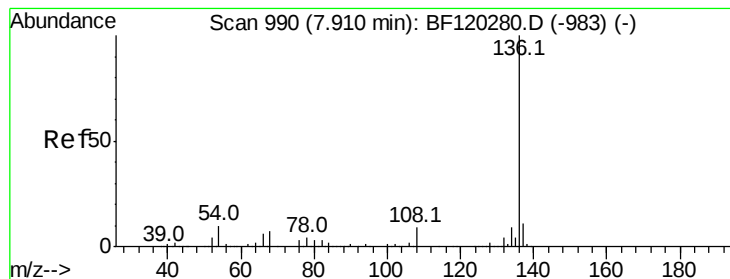
Tot Ion:	70	Resp:	190602
Ion	Ratio	Lower	Upper
70	100		
42	57.0	43.4	65.0
101	9.9	7.8	11.8
130	23.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 16.922 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion:	107	Resp:	289529
Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.1	111.1
77	41.3	28.1	68.1
79	27.3	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

Tot Ion:136 Resp: 856649

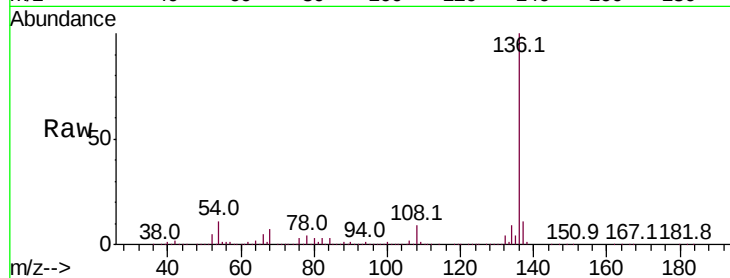
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.6 7.9 11.9

68 6.5 5.4 8.2

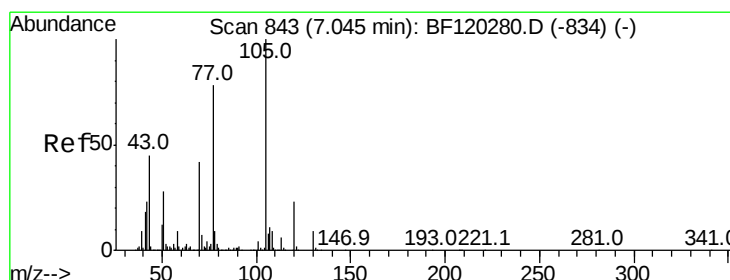
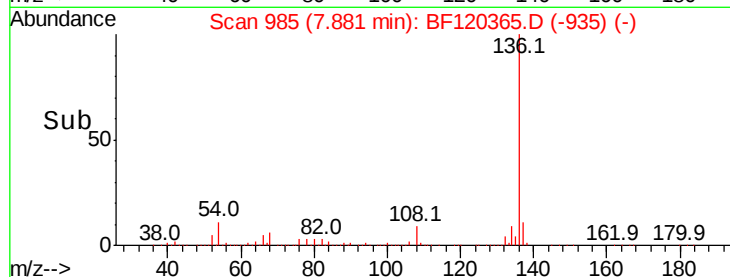
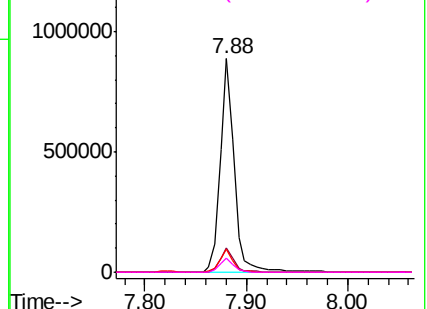


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 21.626 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Tgt Ion:105 Resp: 379518

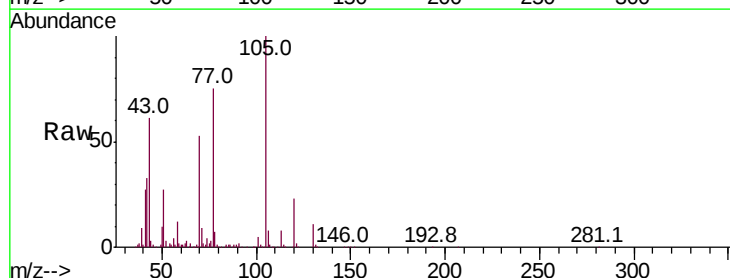
Ion Ratio Lower Upper

105 100

71 9.3 5.6 8.4#

51 27.2 22.6 34.0

120 23.3 18.7 28.1

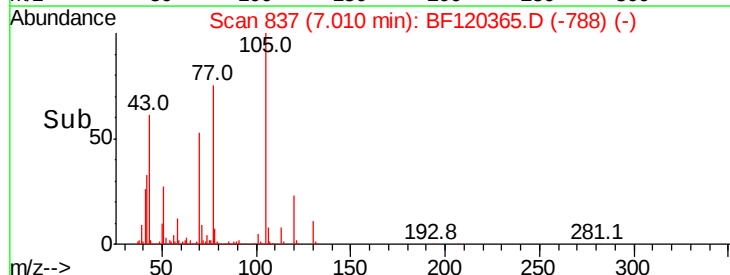
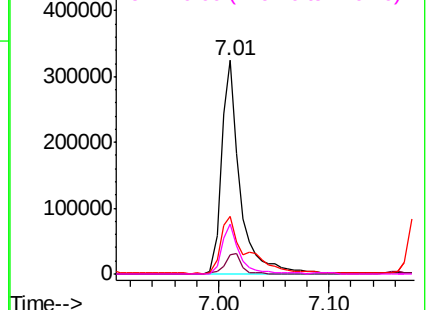


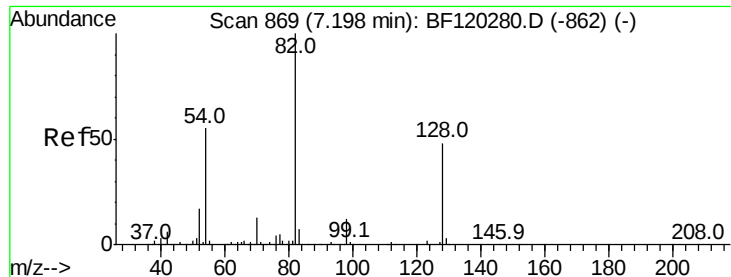
Abundance Ion 105.00 (104.70 to 105.70): E

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

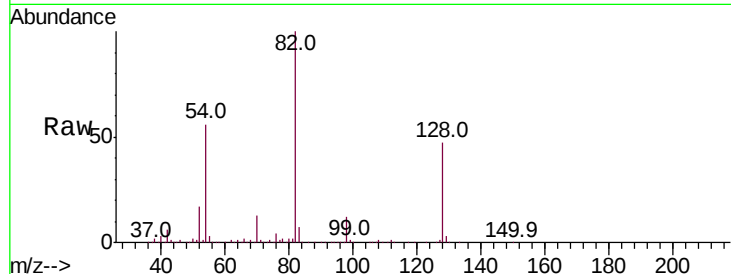




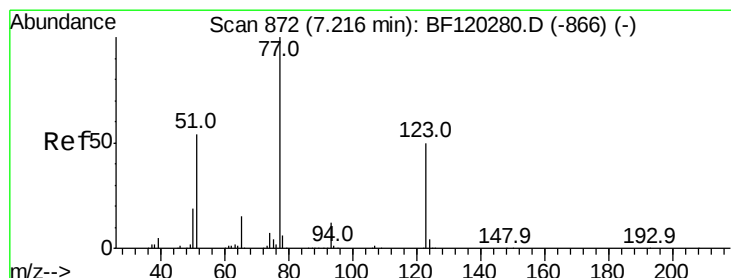
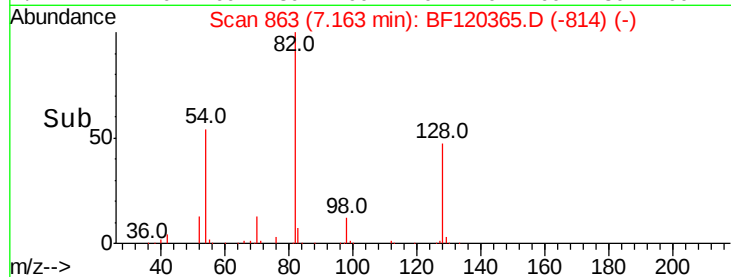
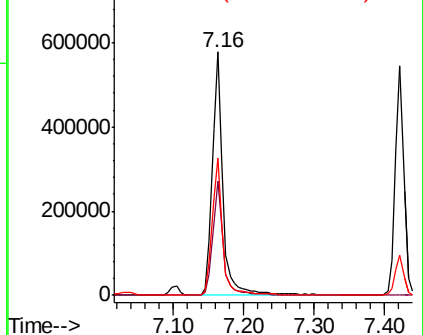
#23
 Nitrobenzene-d5
 Concen: 48.979 ng
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tot Ion: 82 Resp: 612823
 Ion Ratio Lower Upper
 82 100
 128 47.0 38.3 57.5
 54 56.3 43.9 65.9

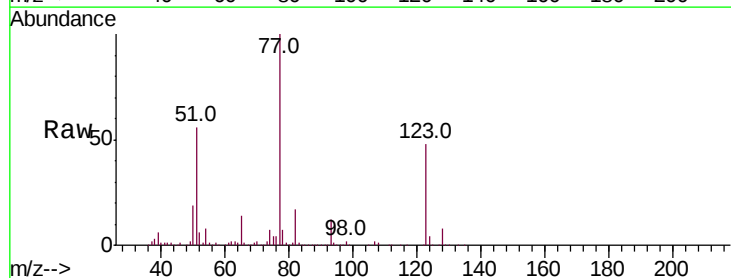


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

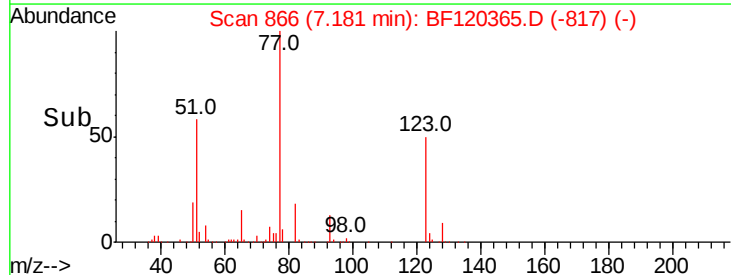
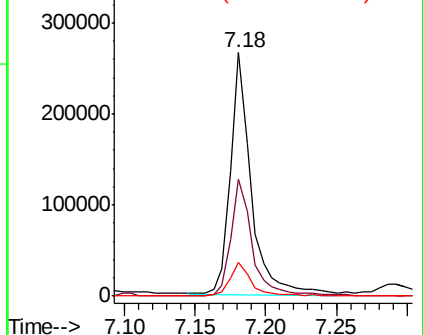


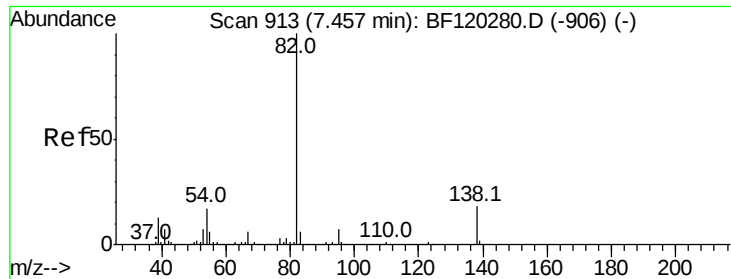
#24
 Nitrobenzene
 Concen: 20.533 ng
 RT: 7.18 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion: 77 Resp: 276494
 Ion Ratio Lower Upper
 77 100
 123 48.0 40.0 60.0
 65 14.1 11.7 17.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 17.544 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

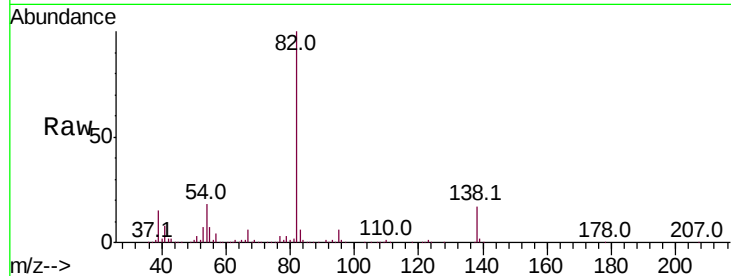
Tot Ion: 82 Resp: 456720

Ion Ratio Lower Upper

82 100

95 6.3 5.4 8.0

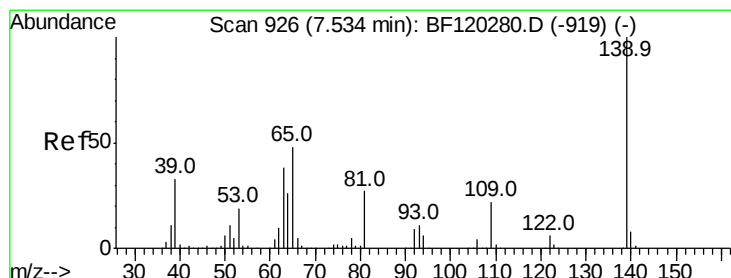
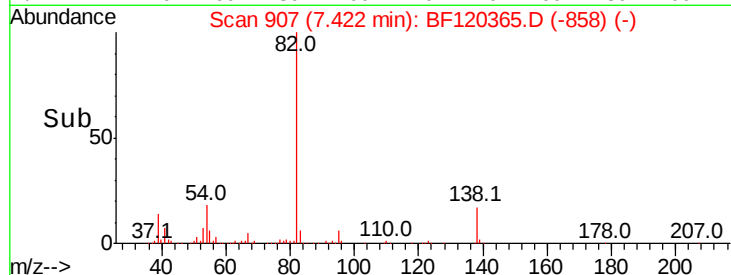
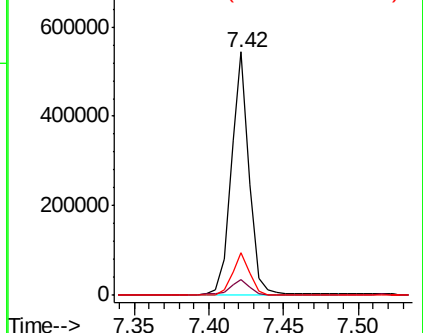
138 17.3 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 18.674 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

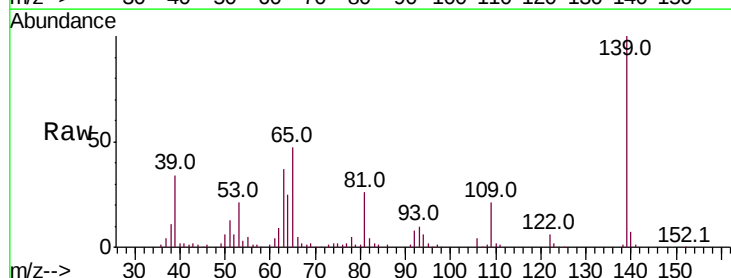
Tgt Ion: 139 Resp: 131513

Ion Ratio Lower Upper

139 100

109 21.4 17.7 26.5

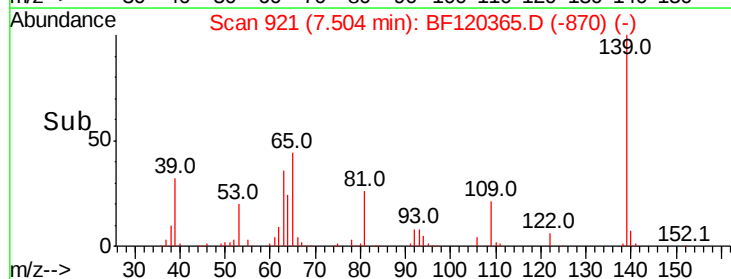
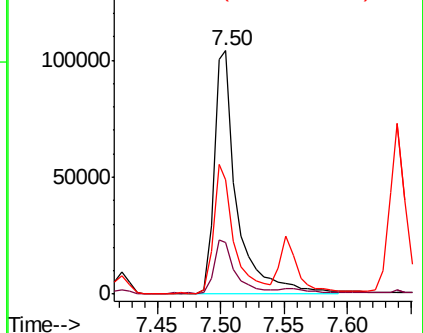
65 46.7 38.3 57.5

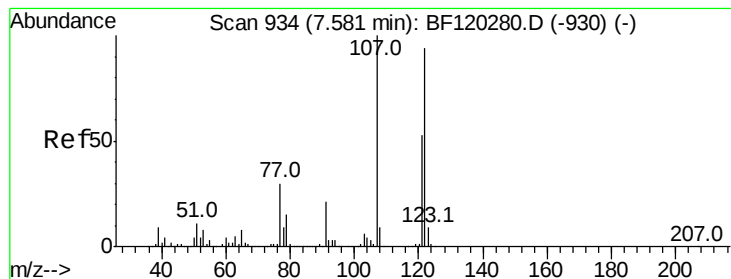


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 20.458 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

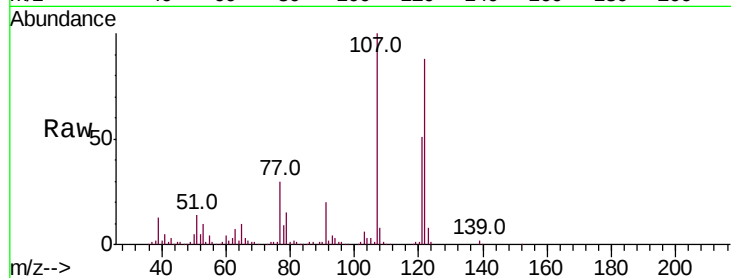
Tot Ion:122 Resp: 209582

Ion Ratio Lower Upper

122 100

107 113.4 85.0 127.6

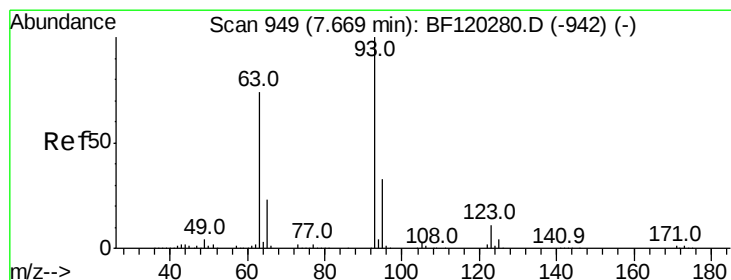
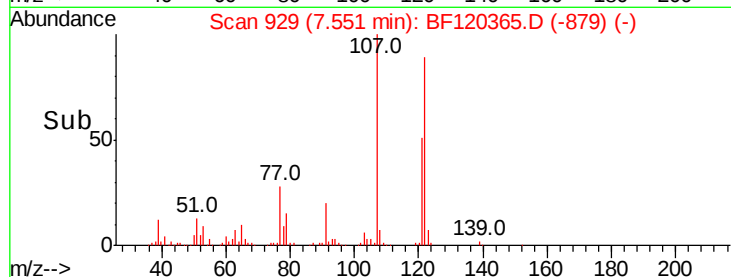
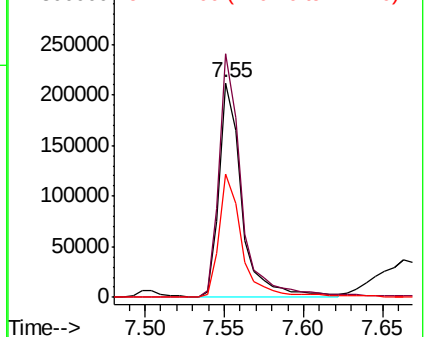
121 57.3 45.1 67.7



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: 18.544 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

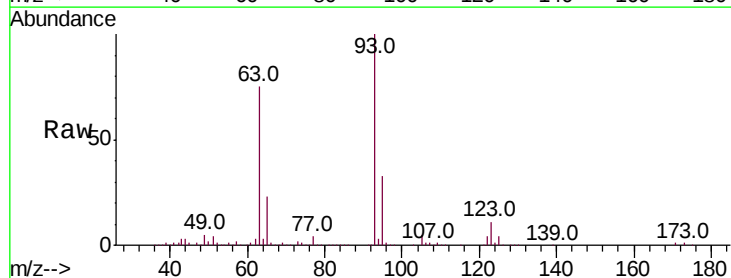
Tgt Ion: 93 Resp: 303433

Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

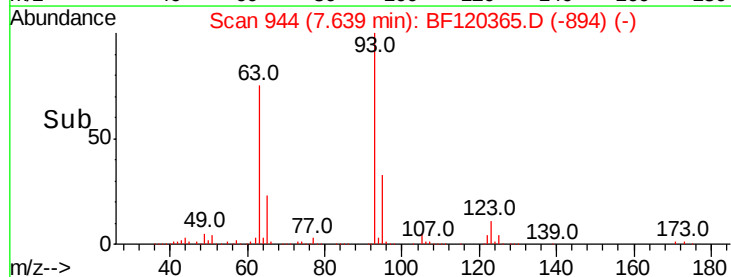
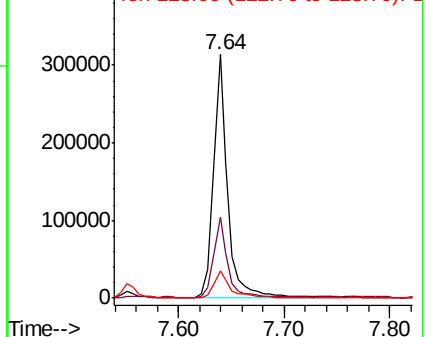
123 11.1 9.2 13.8

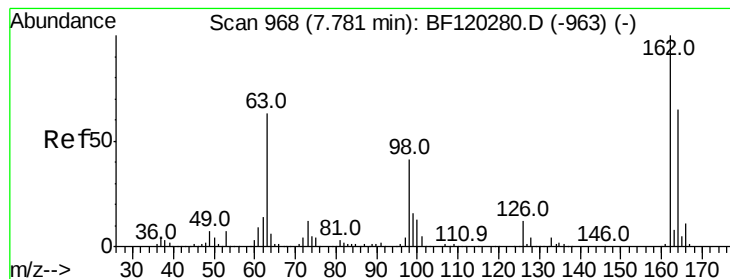


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 17.084 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

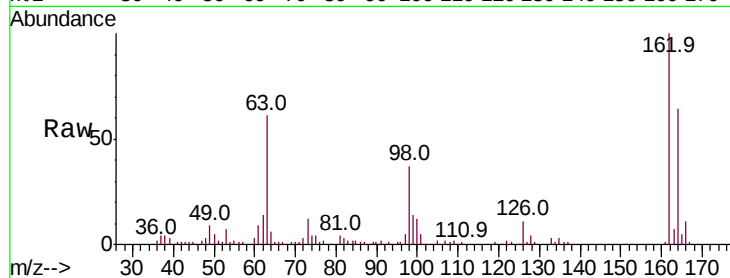
Tot Ion:162 Resp: 179749

Ion Ratio Lower Upper

162 100

164 64.1 44.9 84.9

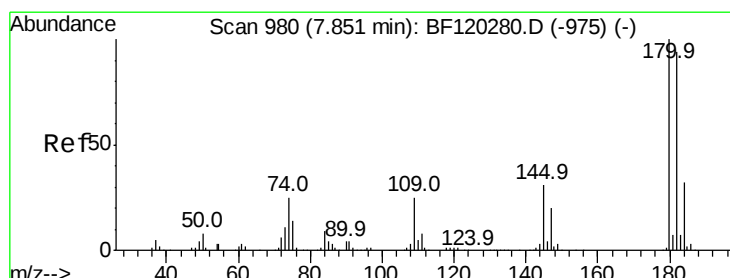
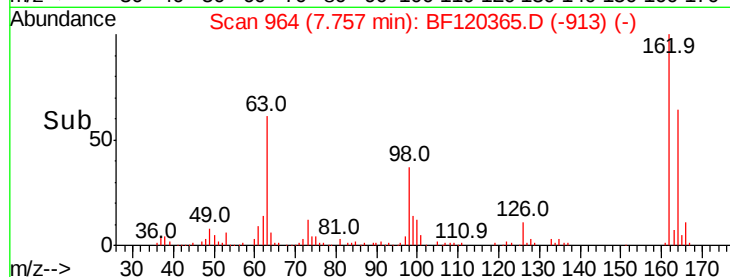
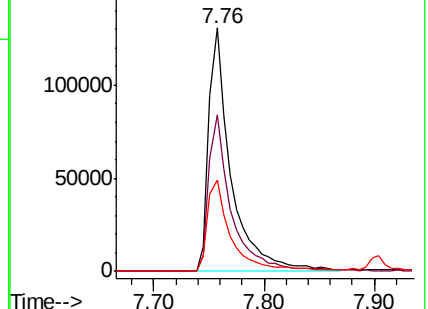
98 37.4 20.7 60.7



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: 17.092 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

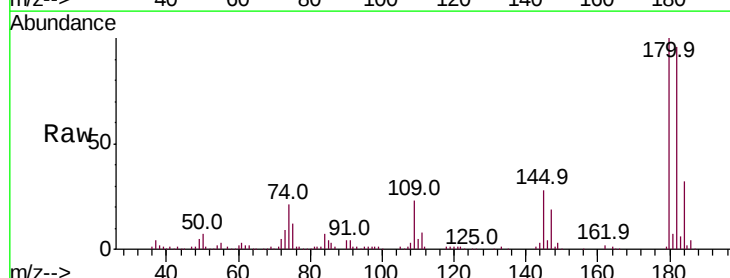
Tgt Ion:180 Resp: 199283

Ion Ratio Lower Upper

180 100

182 96.1 75.3 112.9

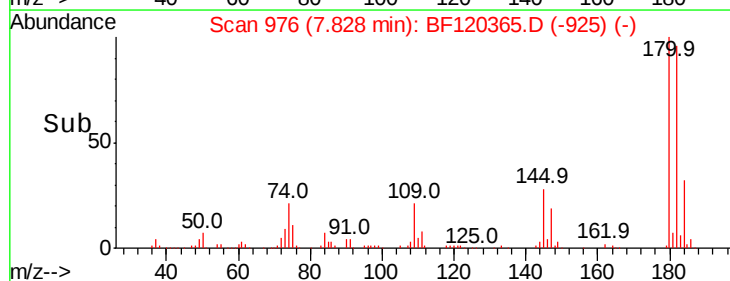
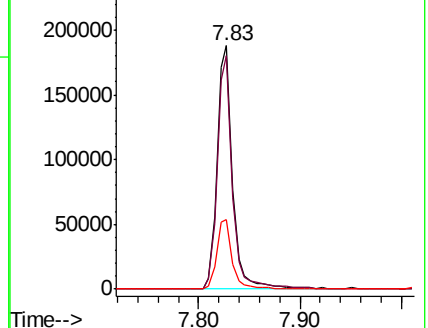
145 28.5 24.9 37.3

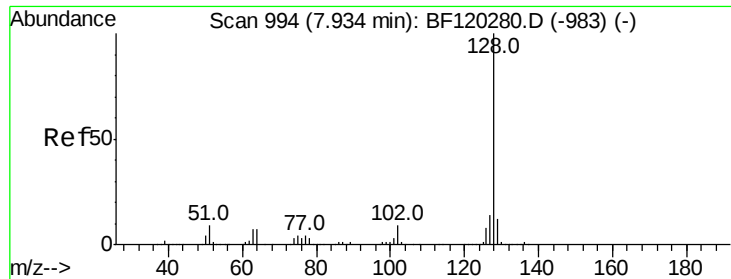


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

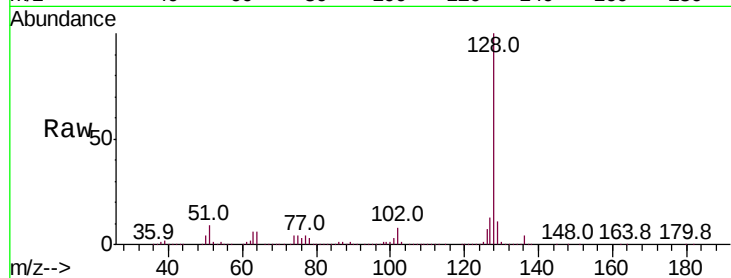




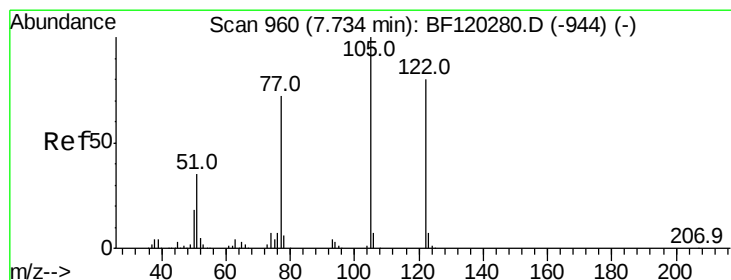
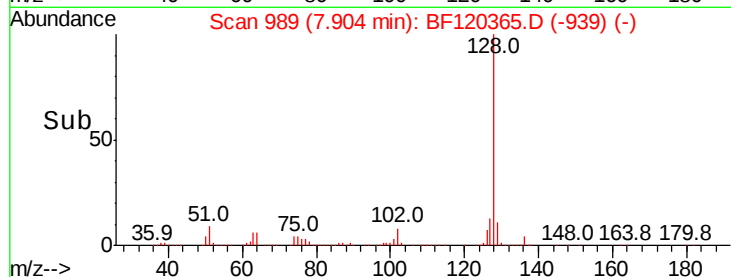
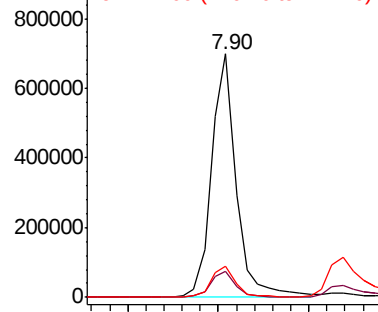
#31
Naphthalene
Concen: 18.253 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tot Ion:128 Resp: 659916
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.0 11.2 16.8

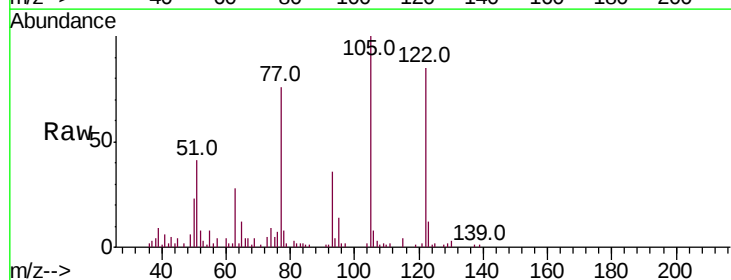


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

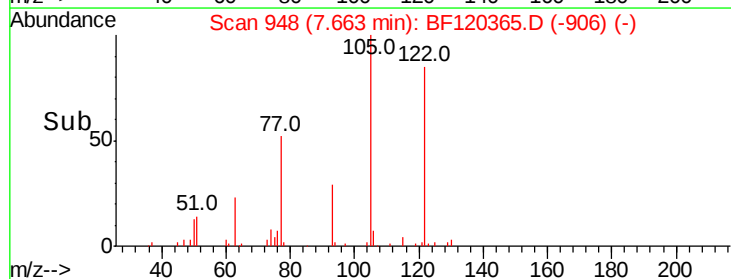
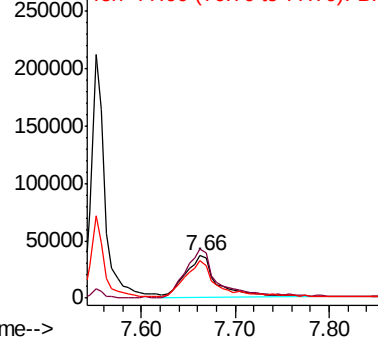


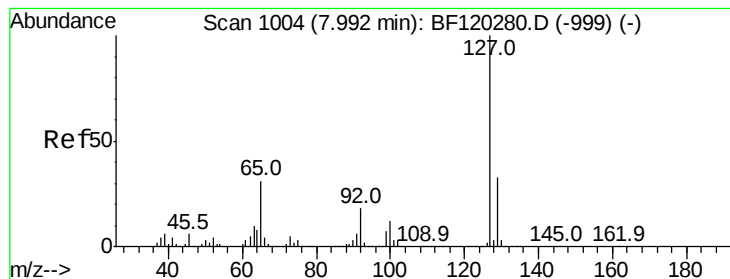
#32
Benzoic acid
Concen: 12.600 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion:122 Resp: 84609
Ion Ratio Lower Upper
122 100
105 117.4 98.1 138.1
77 89.1 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: 10.218 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

Tot Ion:127 Resp: 168360

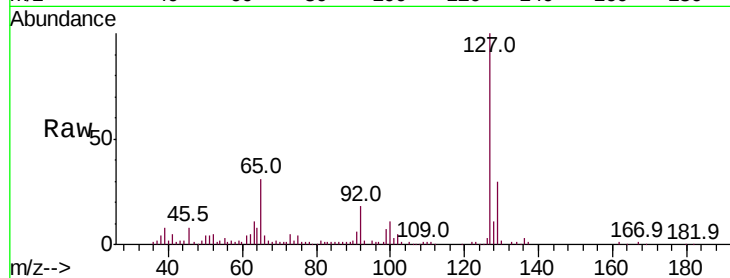
Ion Ratio Lower Upper

127 100

129 29.7 26.4 39.6

65 31.2 24.8 37.2

92 17.9 14.5 21.7

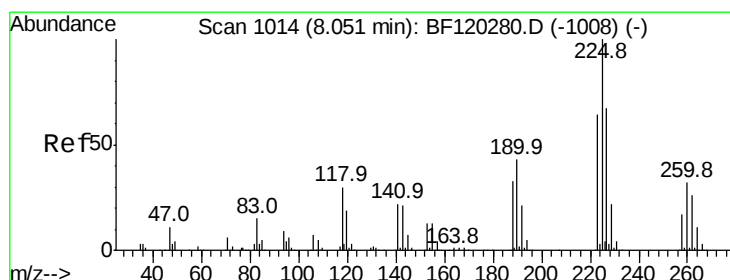
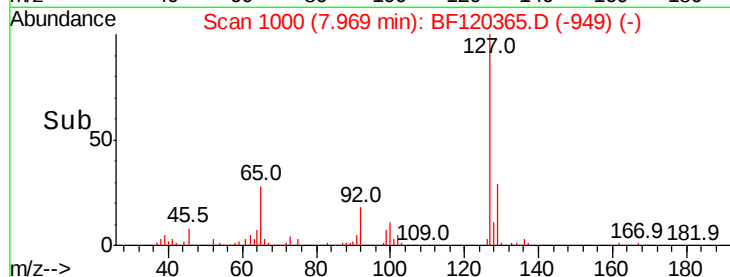
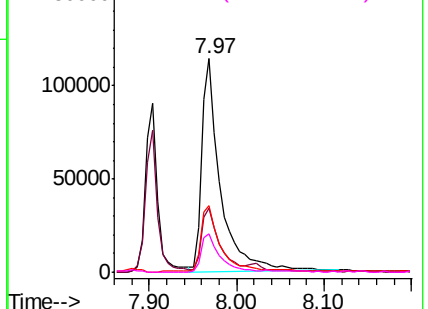


Abundance Ion 127.00 (126.70 to 127.70): E

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: 16.496 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

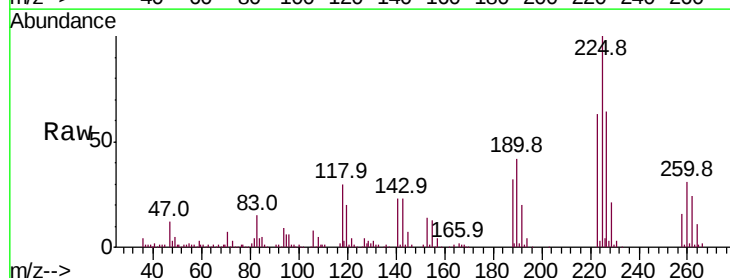
Tgt Ion:225 Resp: 111166

Ion Ratio Lower Upper

225 100

223 62.9 51.4 77.0

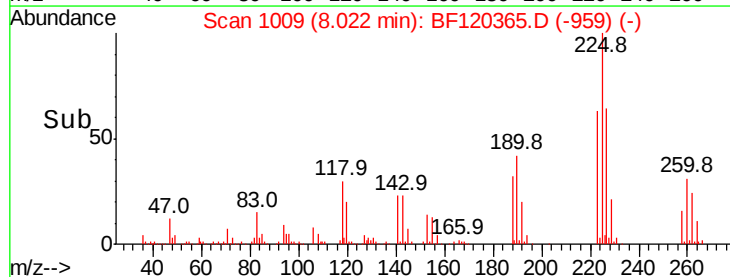
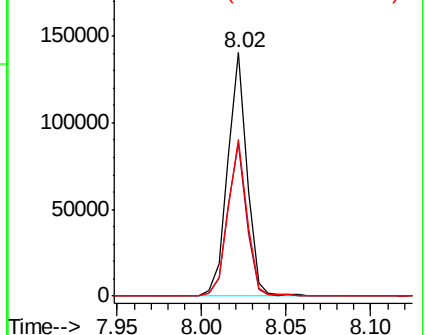
227 64.3 54.0 81.0

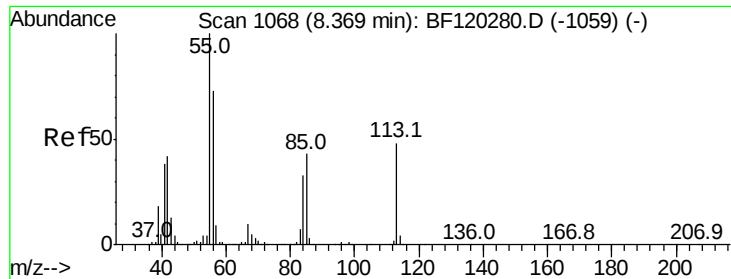


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 16.846 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.04 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

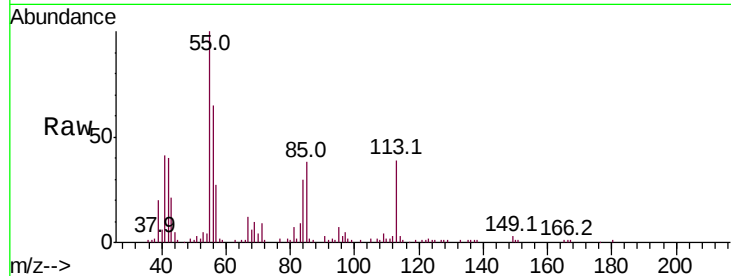
Tot Ion:113 Resp: 57988

Ion Ratio Lower Upper

113 100

55 254.1 190.4 230.4#

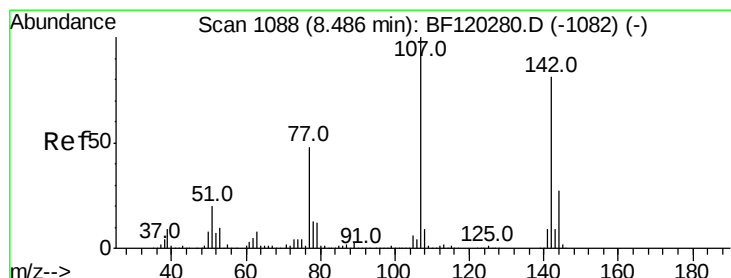
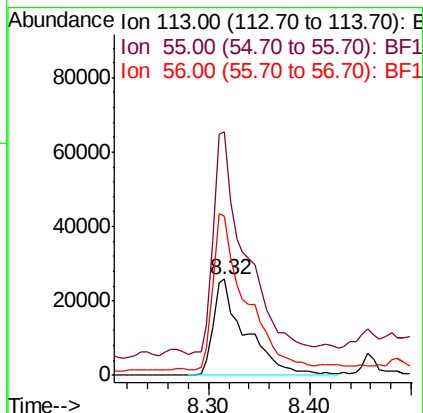
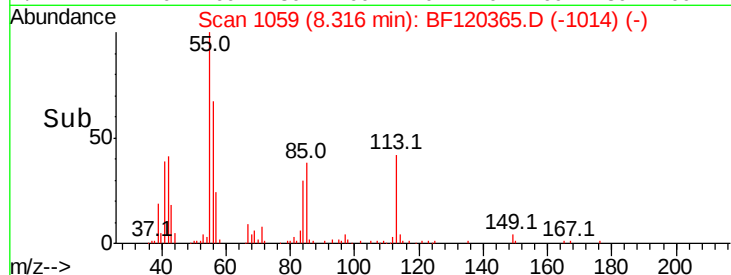
56 166.3 132.7 172.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 16.401 ng

RT: 8.46 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

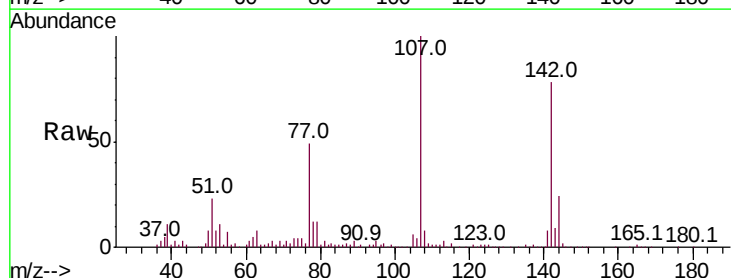
Tgt Ion:107 Resp: 186682

Ion Ratio Lower Upper

107 100

144 23.9 21.4 32.2

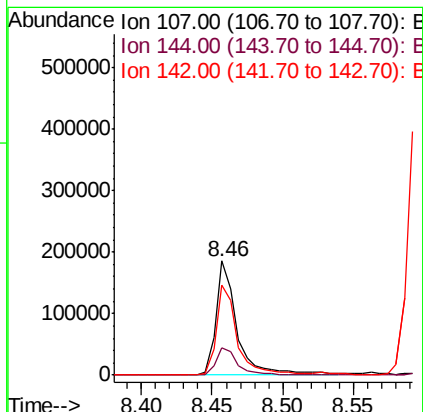
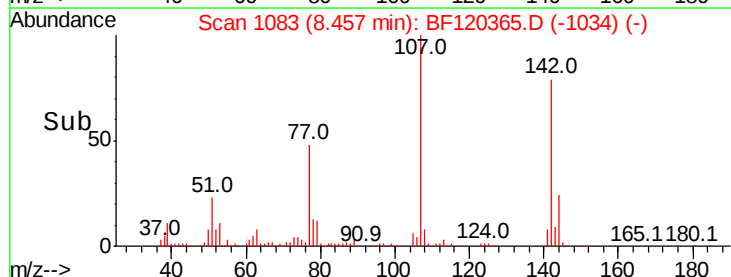
142 78.4 65.1 97.7

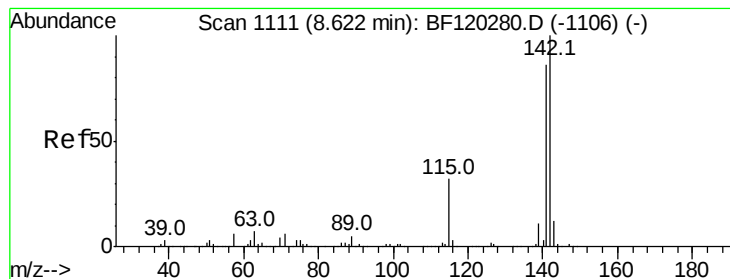


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 17.232 ng

RT: 8.60 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

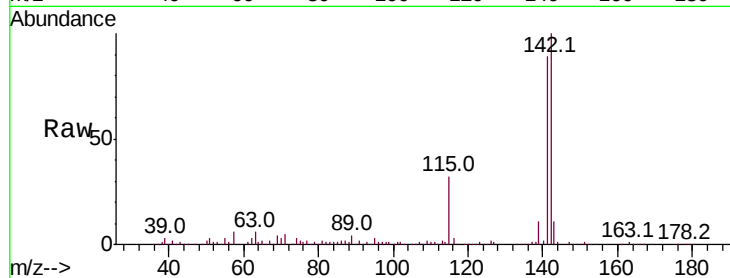
Tot Ion:142 Resp: 426356

Ion Ratio Lower Upper

142 100

141 89.2 68.8 103.2

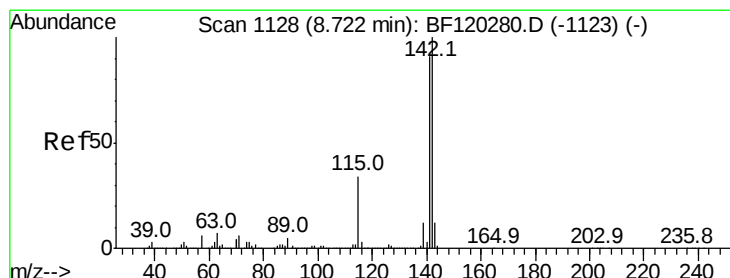
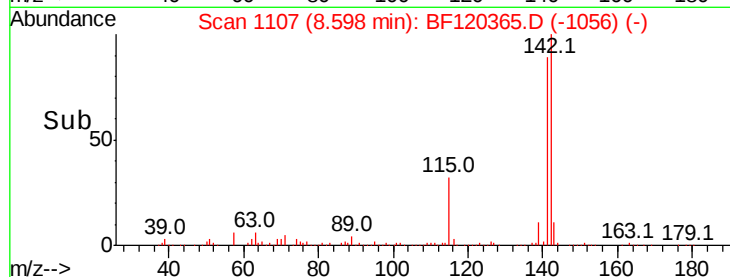
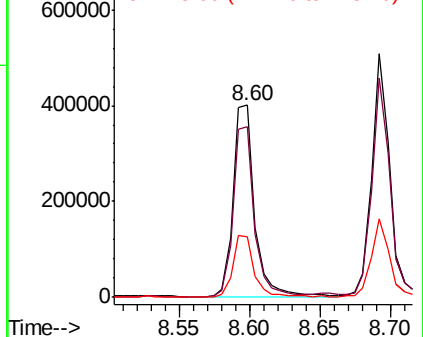
115 31.6 25.7 38.5



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: 19.599 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

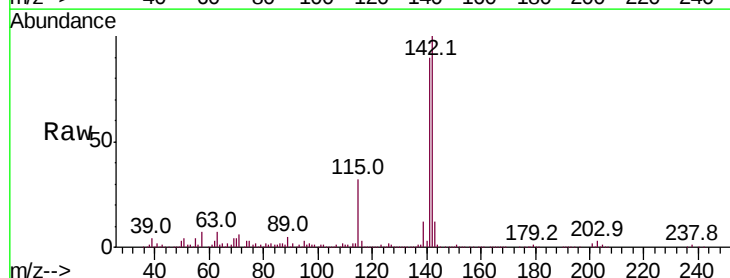
Tgt Ion:142 Resp: 470303

Ion Ratio Lower Upper

142 100

141 90.1 73.0 109.6

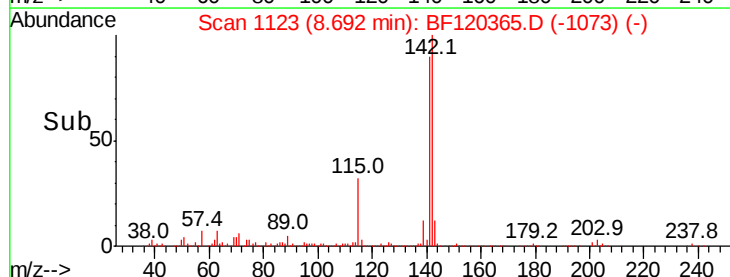
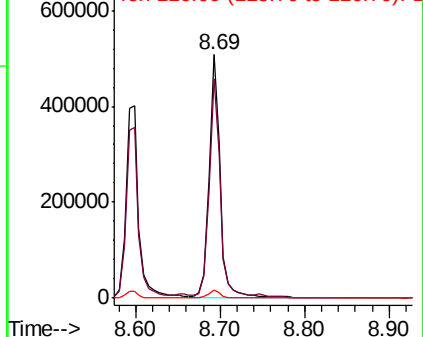
116 3.4 2.7 4.1

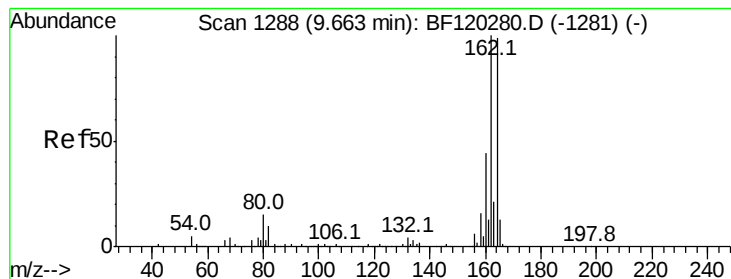


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

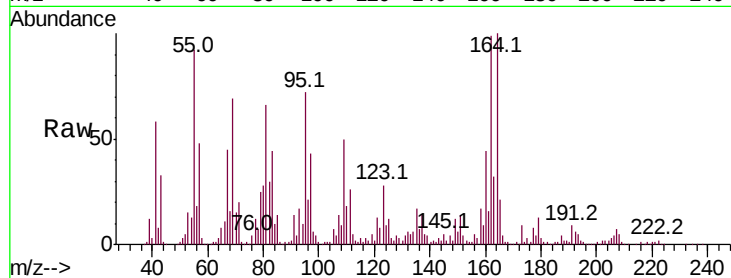
Tot Ion:164 Resp: 333134

Ion Ratio Lower Upper

164 100

162 99.4 81.2 121.8

160 44.0 35.8 53.6

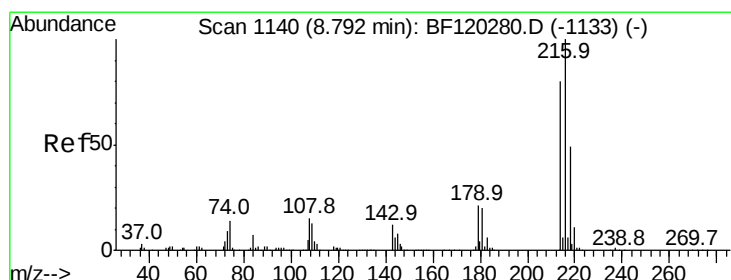
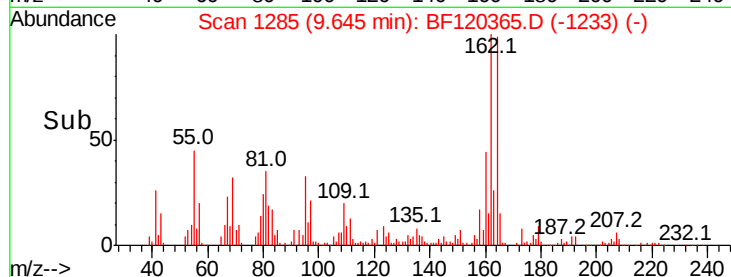
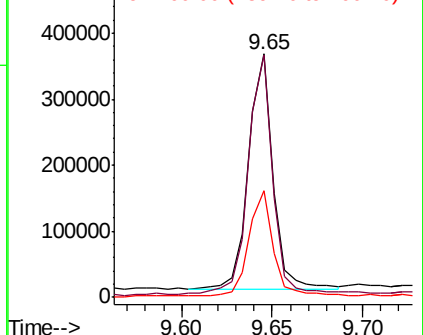


Abundance

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: 25.540 ng

RT: 8.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Tgt Ion:216 Resp: 214540

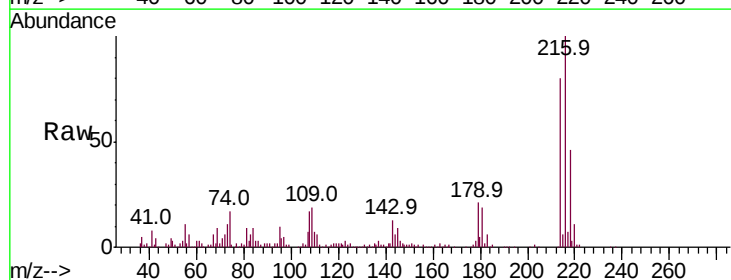
Ion Ratio Lower Upper

216 100

214 79.6 64.0 96.0

179 18.4 16.9 25.3

108 16.7 14.2 21.2



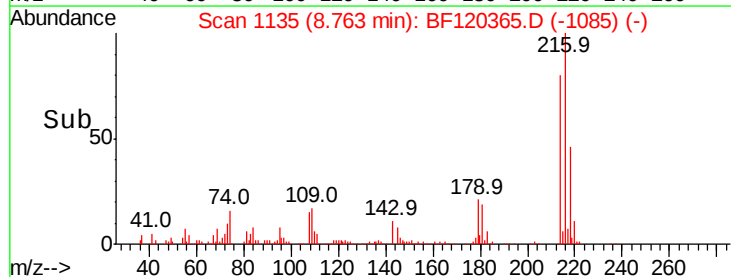
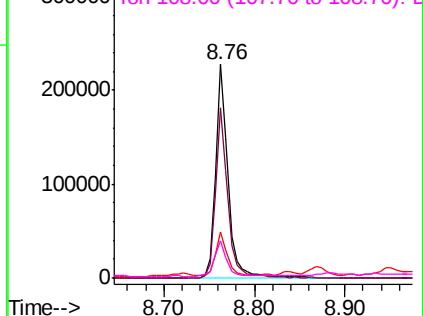
Abundance

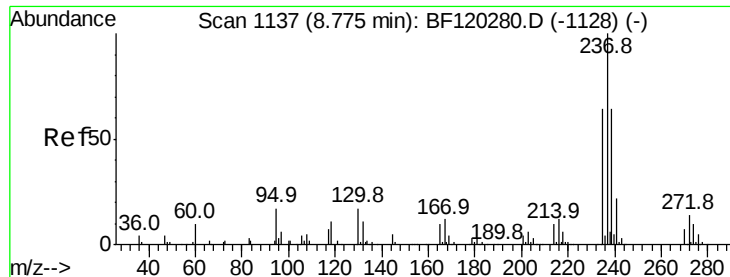
Ion 216.00 (215.70 to 216.70): E

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: 14.969 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampled :

VNJ-214MS

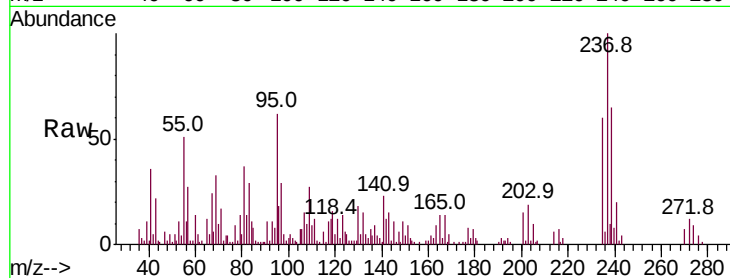
Tot Ion:237 Resp: 31518

Ion Ratio Lower Upper

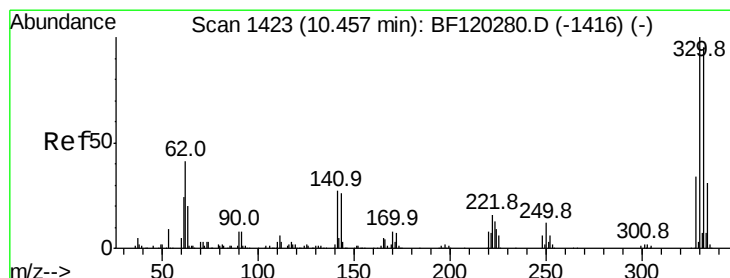
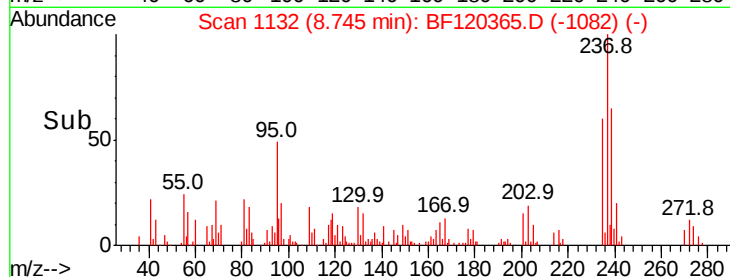
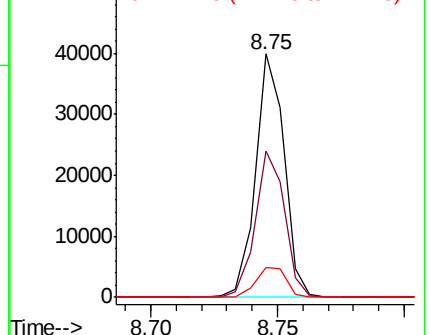
237 100

235 59.9 43.8 83.8

272 12.4 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: 52.649 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

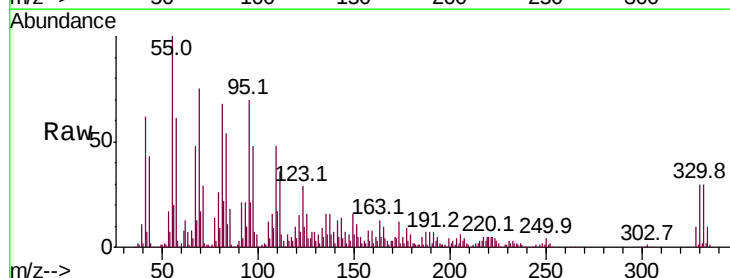
Tgt Ion:330 Resp: 143004

Ion Ratio Lower Upper

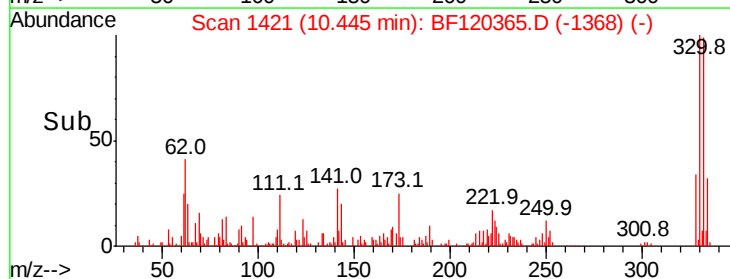
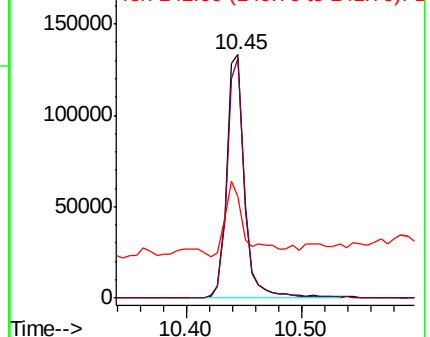
330 100

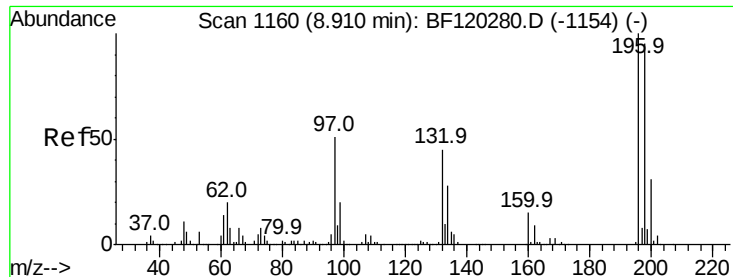
332 97.6 76.5 114.7

141 35.8 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

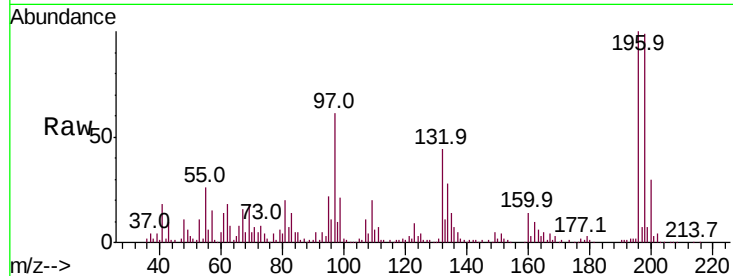




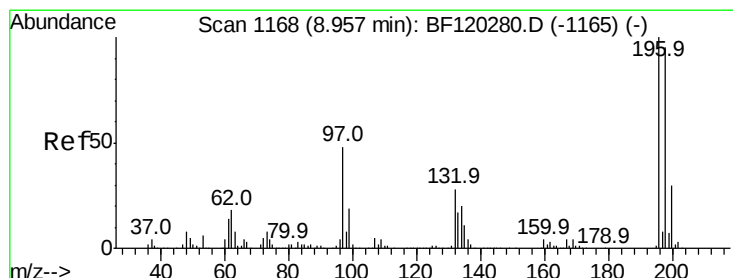
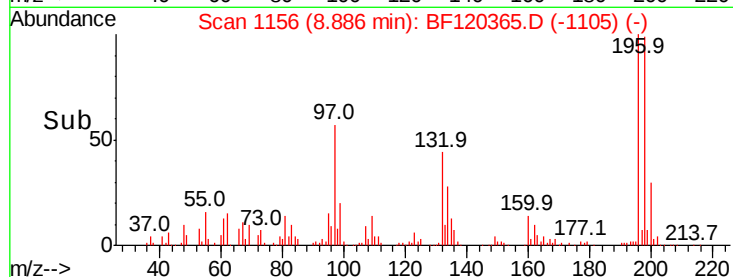
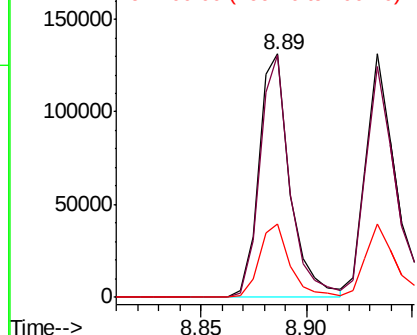
#43
 2,4,6-Trichlorophenol
 Concen: 24.031 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	76.2	114.4
200	30.2	24.9	37.3



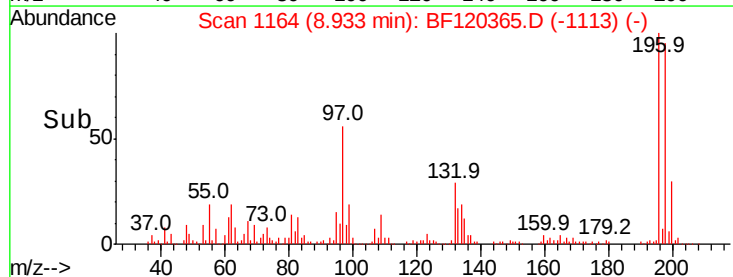
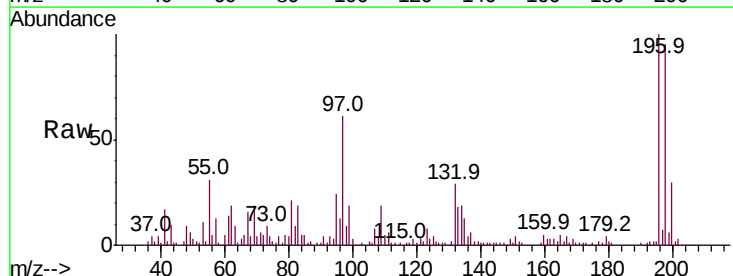
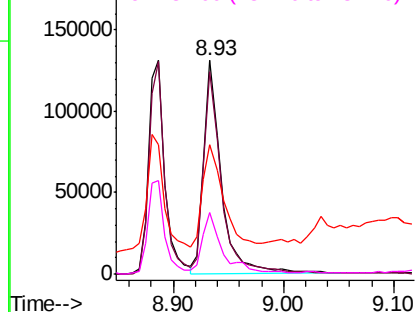
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

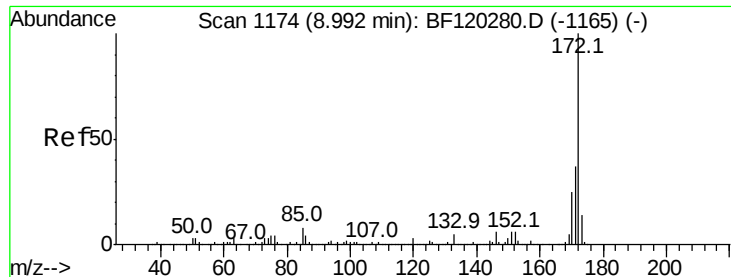


#44
 2,4,5-Trichlorophenol
 Concen: 21.662 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.2	114.4
97	60.7	38.6	57.8#
132	29.0	23.2	34.8

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

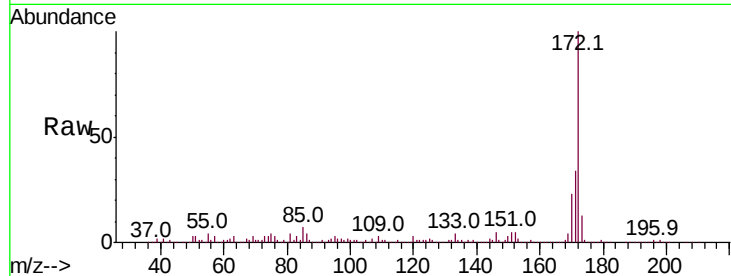




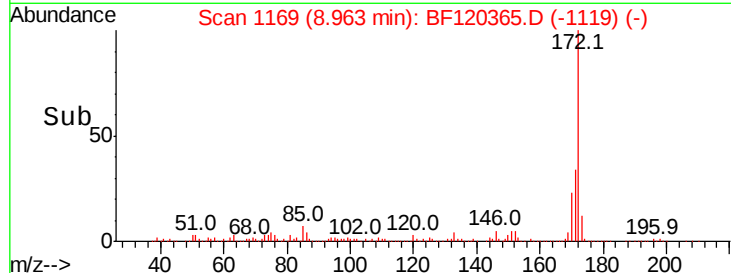
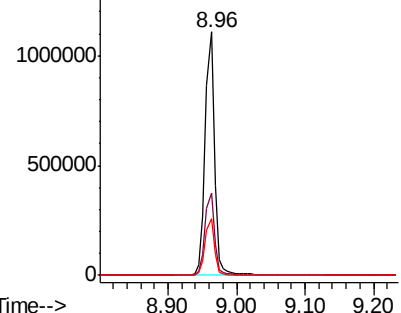
#45
2-Fluorobiphenyl
Concen: 63.656 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampled :
VNJ-214MS

Tot Ion:172 Resp: 1032194
Ion Ratio Lower Upper
172 100
171 33.9 29.7 44.5
170 23.1 19.9 29.9

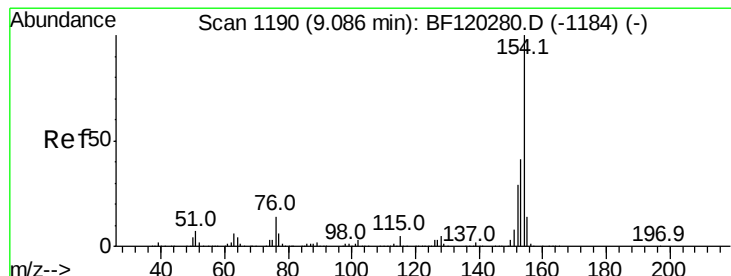


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

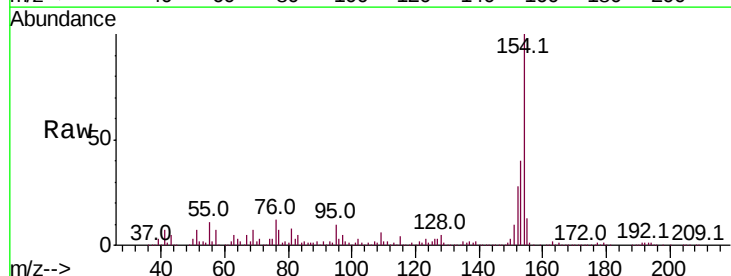
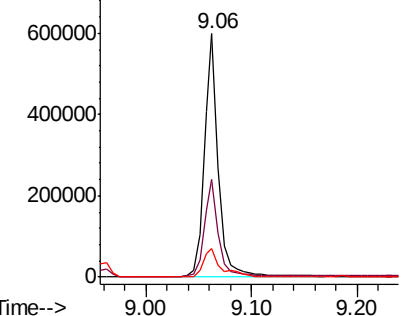


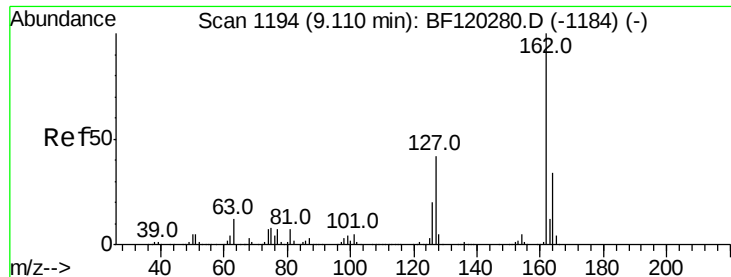
#46
1,1'-Biphenyl
Concen: 25.677 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion:154 Resp: 560455
Ion Ratio Lower Upper
154 100
153 40.1 20.8 60.8
76 11.8 0.0 34.3



Abundance Ion 154.00 (153.70 to 154.70): E
800000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

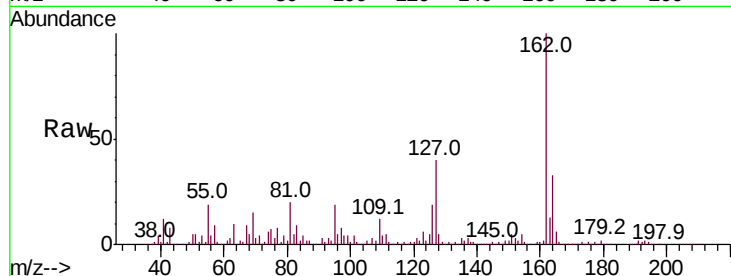




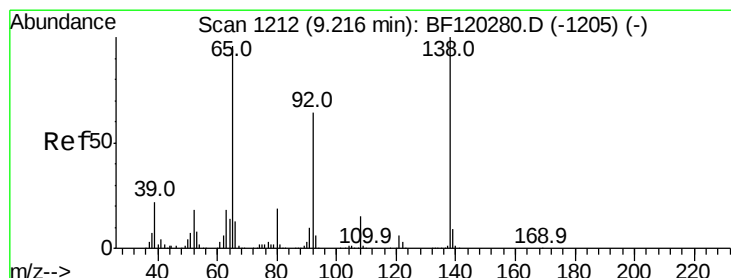
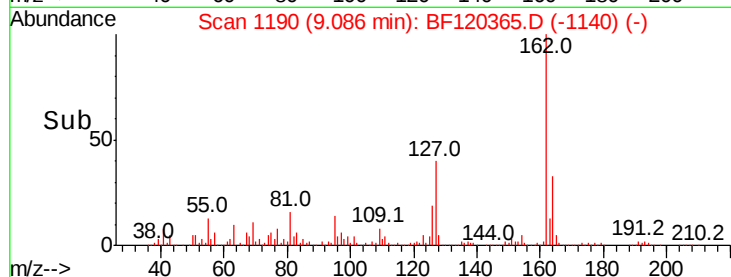
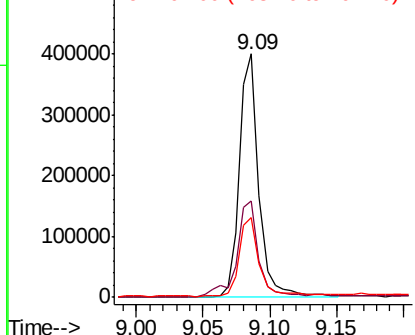
#47
 2-Chloronaphthalene
 Concen: 23.118 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.4	50.0
164	33.0	27.0	40.6

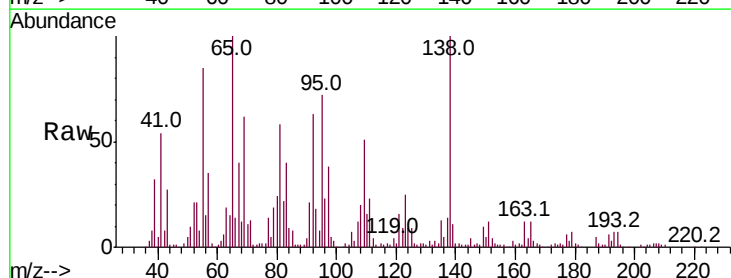


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

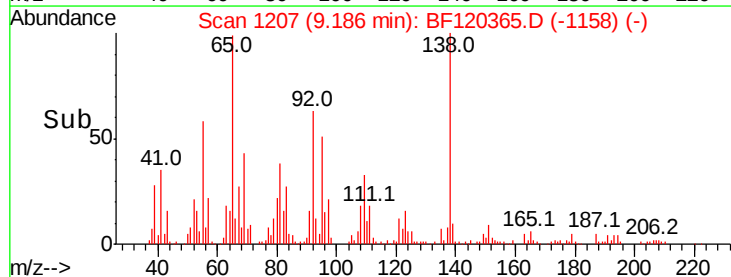
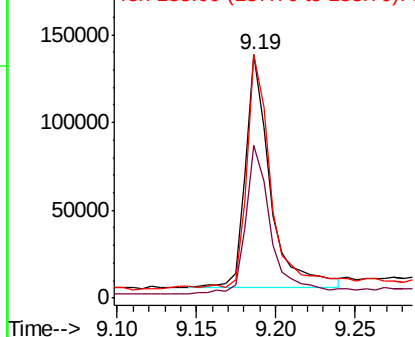


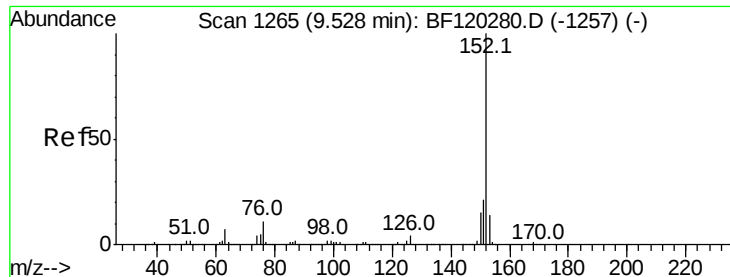
#48
 2-Nitroaniline
 Concen: 22.055 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.1	52.9	79.3
138	100.2	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: 25.343 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

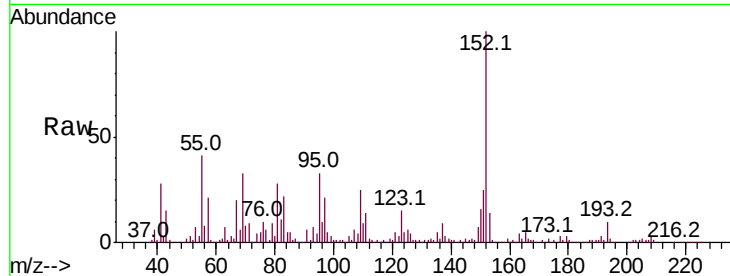
Tot Ion:152 Resp: 677808

Ion Ratio Lower Upper

152 100

151 25.0 16.6 25.0#

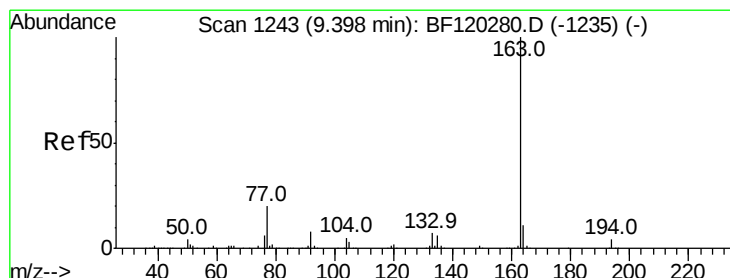
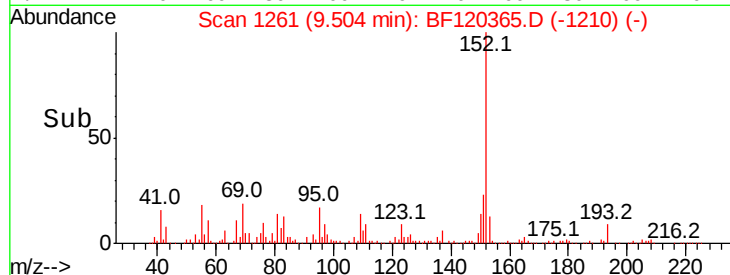
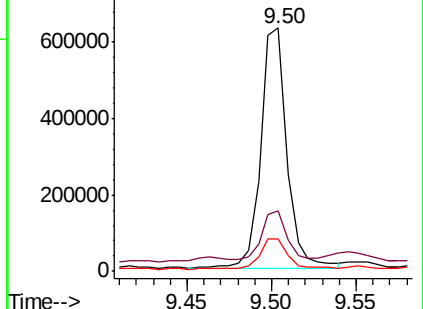
153 13.5 11.1 16.7



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: 29.471 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

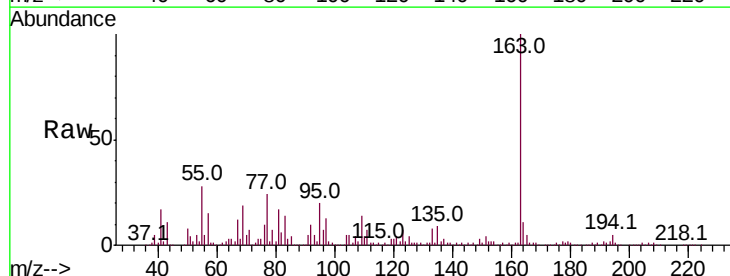
Tgt Ion:163 Resp: 620624

Ion Ratio Lower Upper

163 100

194 4.5 3.1 4.7

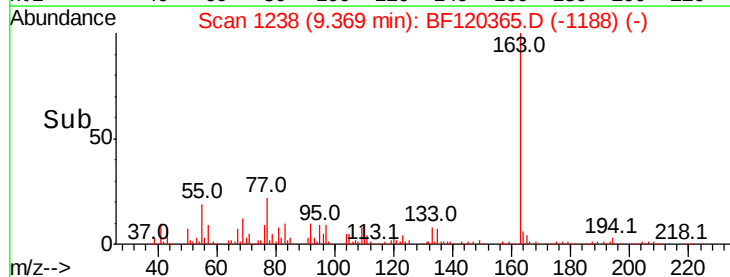
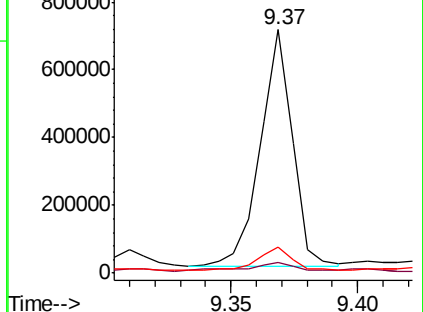
164 10.6 8.6 12.8

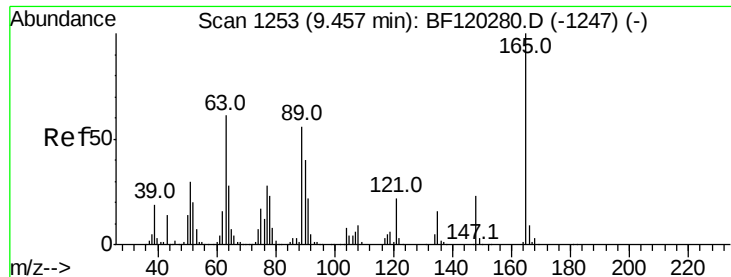


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 26.436 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

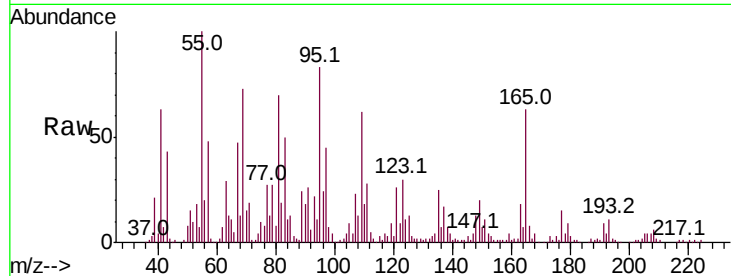
Tot Ion:165 Resp: 124254

Ion Ratio Lower Upper

165 100

63 46.0 50.2 75.2#

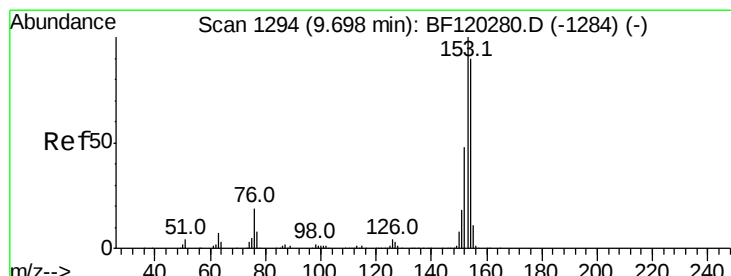
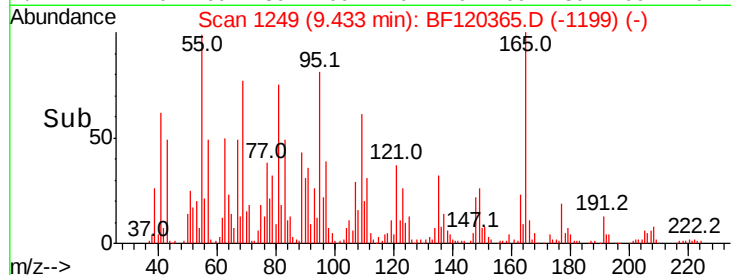
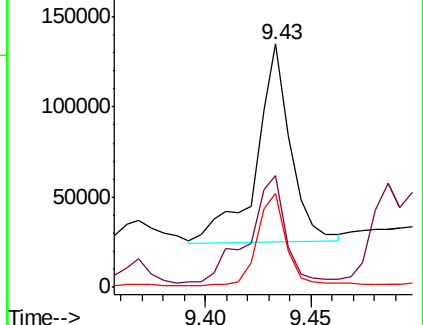
89 38.6 44.6 66.8#



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: 18.126 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

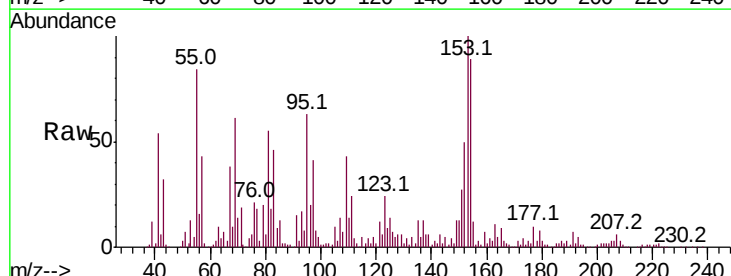
Tgt Ion:154 Resp: 290587

Ion Ratio Lower Upper

154 100

153 112.5 89.0 133.4

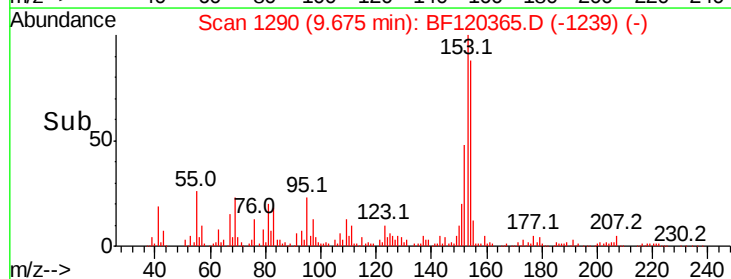
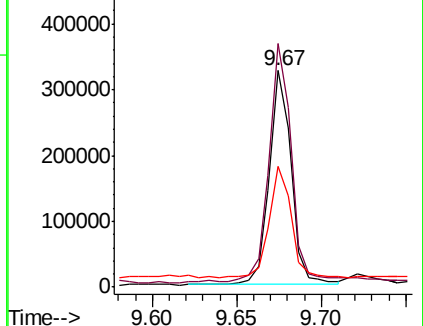
152 56.0 42.6 64.0

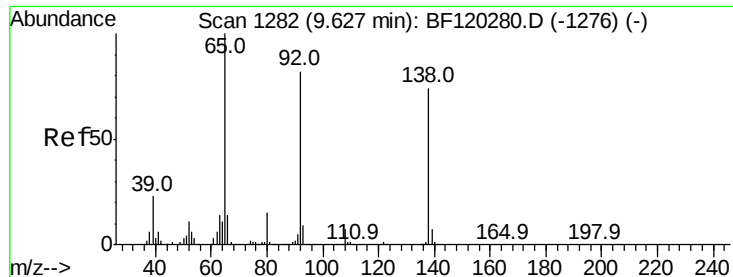


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

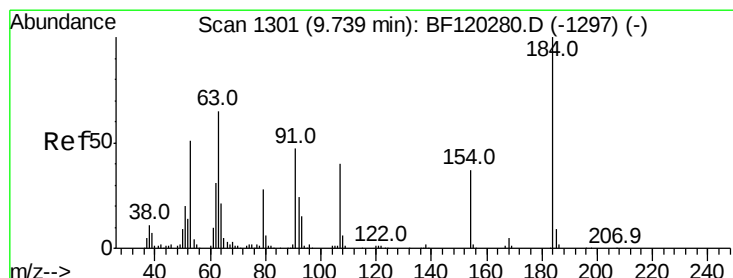
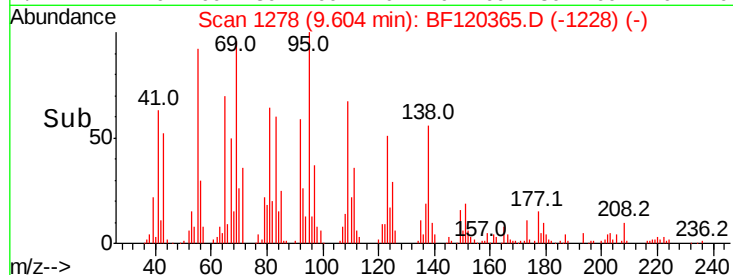
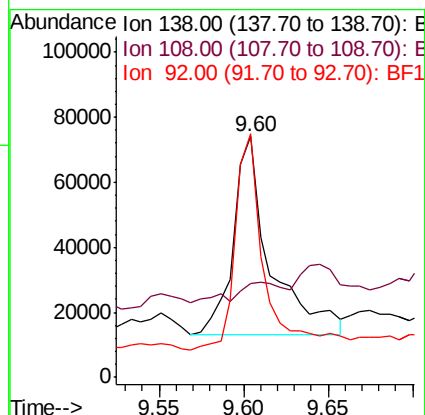
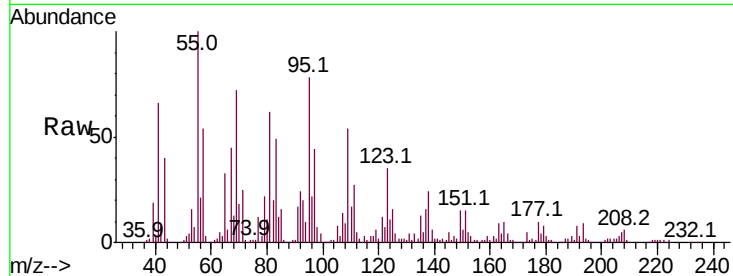




#53
3-Nitroaniline
Concen: 16.298 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

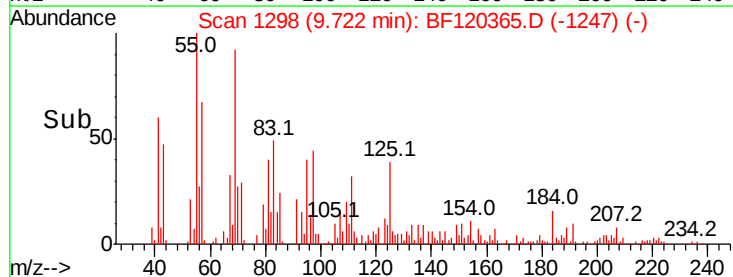
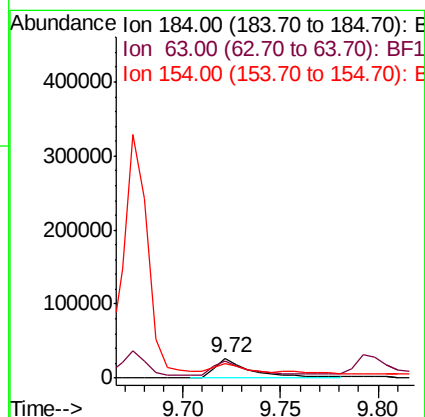
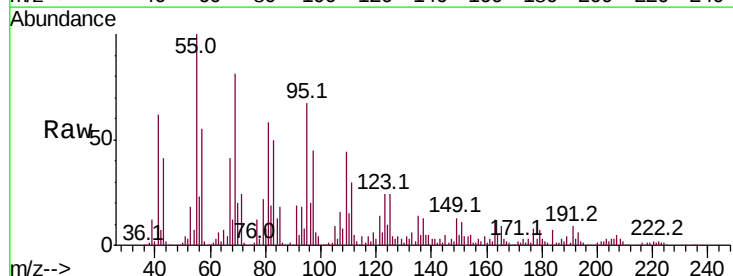
Instrument :
BNA_F
ClientSampled :
VNJ-214MS

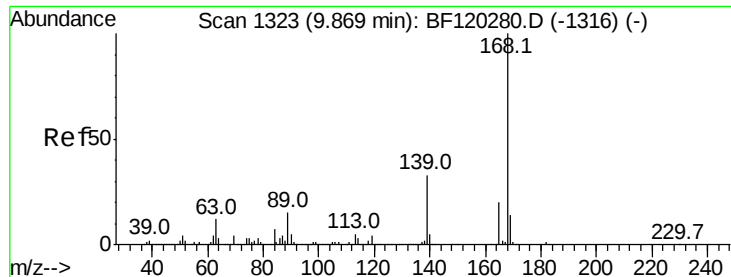
Tot Ion:138 Resp: 91348
Ion Ratio Lower Upper
138 100
108 39.1 8.2 12.2#
92 101.0 89.6 134.4



#54
2,4-Dinitrophenol
Concen: 16.096 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion:184 Resp: 35710
Ion Ratio Lower Upper
184 100
63 84.4 53.6 80.4#
154 74.1 46.8 70.2#





#55

Dibenzofuran

Concen: 18.601 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

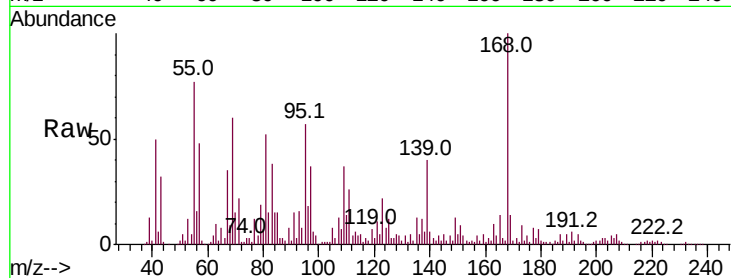
Tot Ion:168 Resp: 429423

Ion Ratio Lower Upper

168 100

139 40.4 29.8 44.6

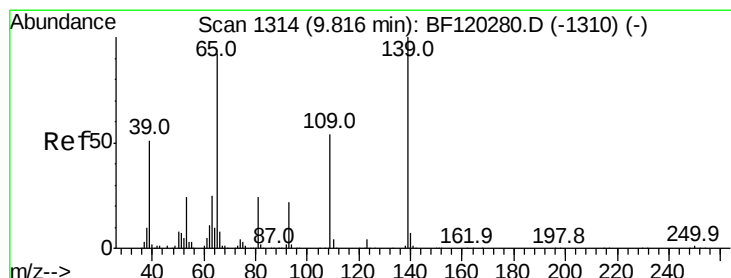
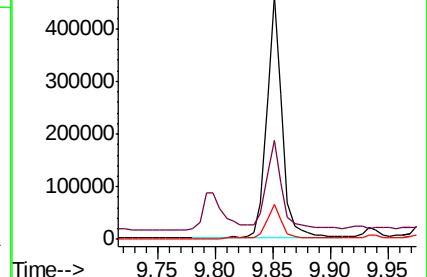
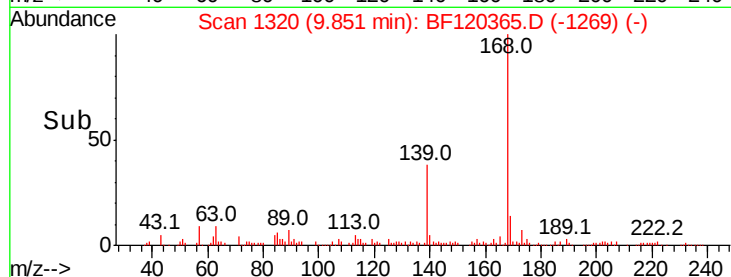
169 14.1 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 29.935 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

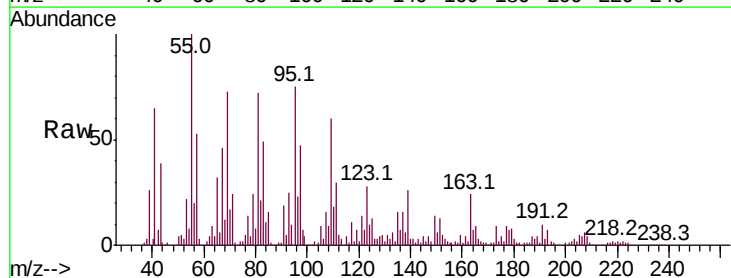
Tgt Ion:139 Resp: 90156

Ion Ratio Lower Upper

139 100

109 231.1 34.6 74.6#

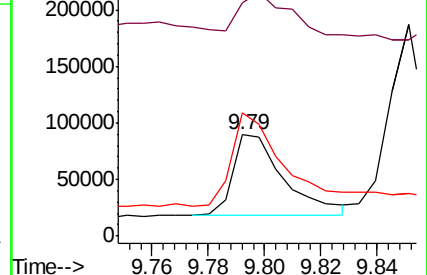
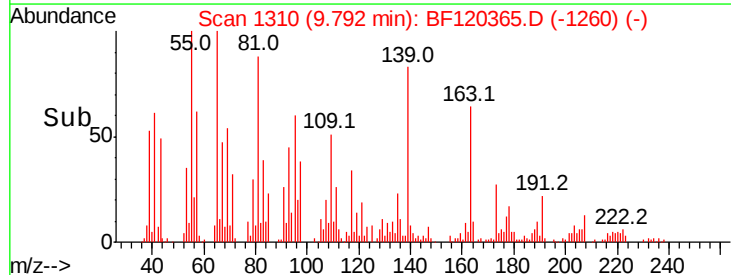
65 122.6 73.3 113.3#

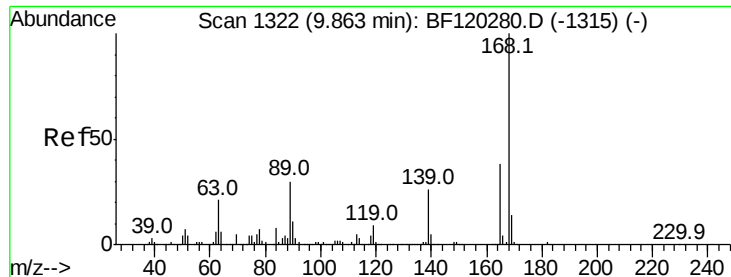


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

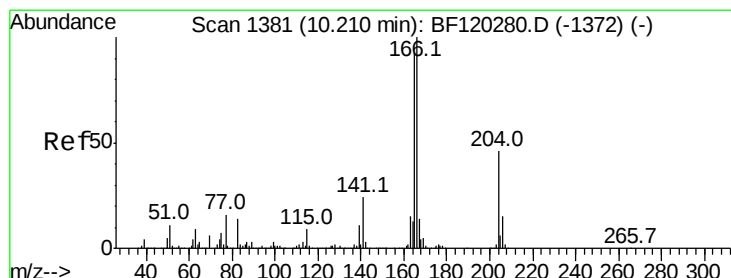
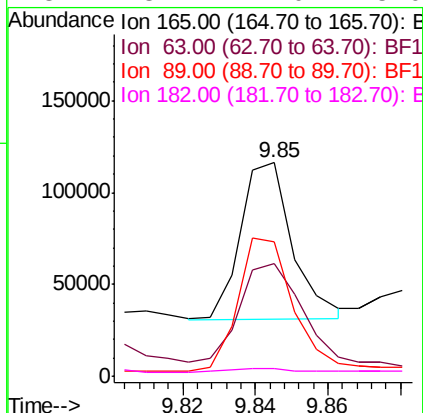
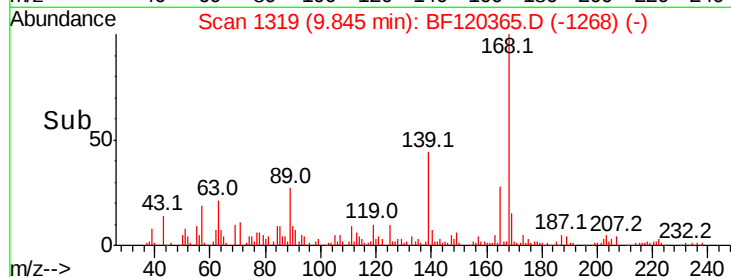
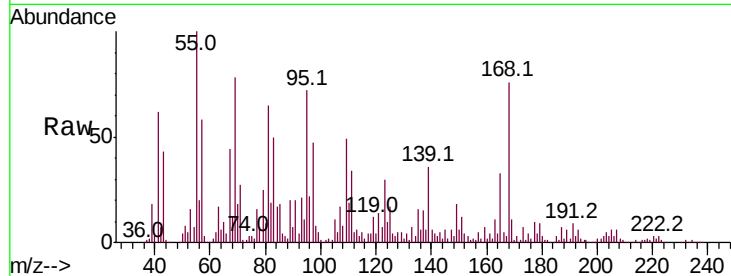




#57
 2,4-Dinitrotoluene
 Concen: 15.682 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

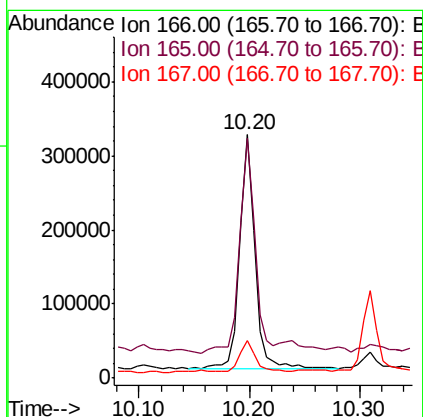
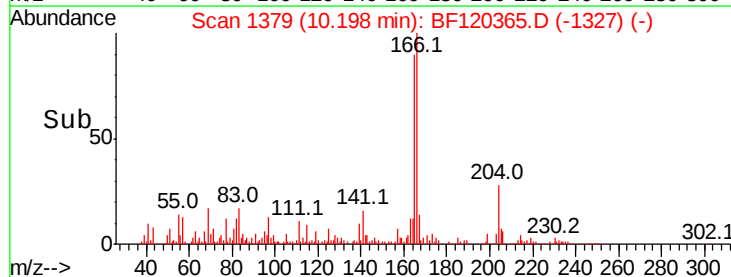
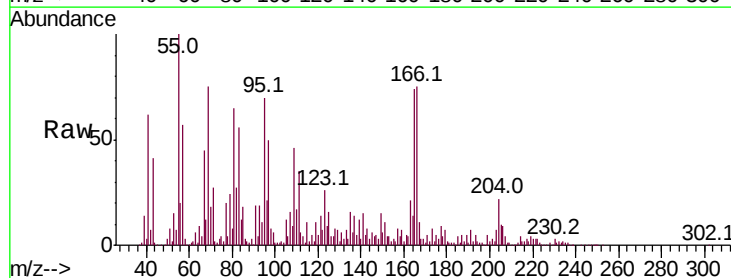
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

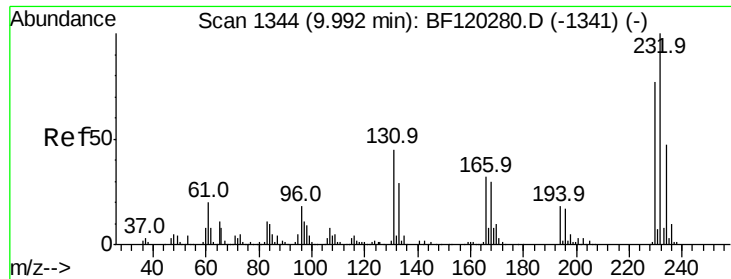
Tot Ion:165 Resp: 86462
 Ion Ratio Lower Upper
 165 100
 63 52.9 51.8 77.8
 89 62.8 64.2 96.4#
 182 3.7 2.0 3.0#



#58
 Fluorene
 Concen: 17.520 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion:166 Resp: 308035
 Ion Ratio Lower Upper
 166 100
 165 98.3 74.7 112.1
 167 15.3 11.4 17.0

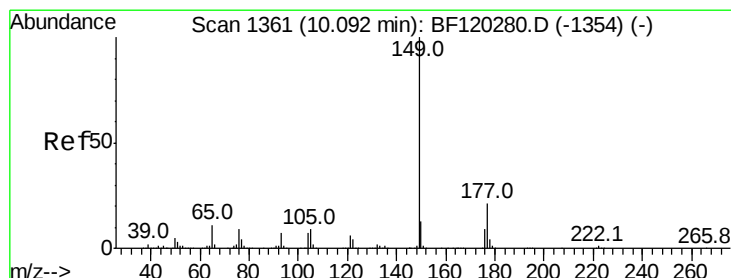
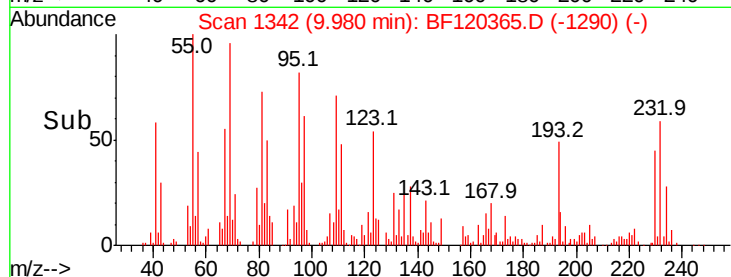
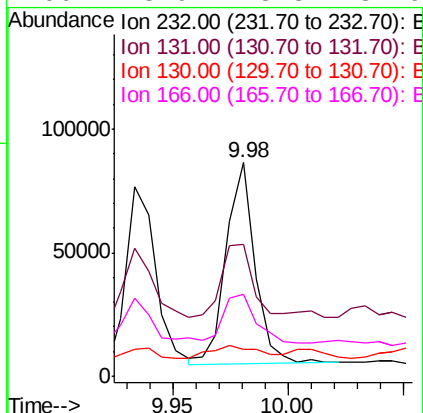
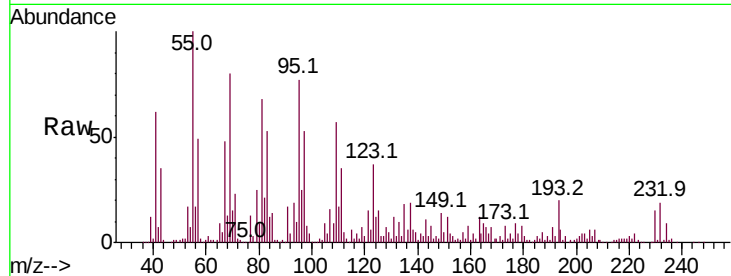




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 14.633 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

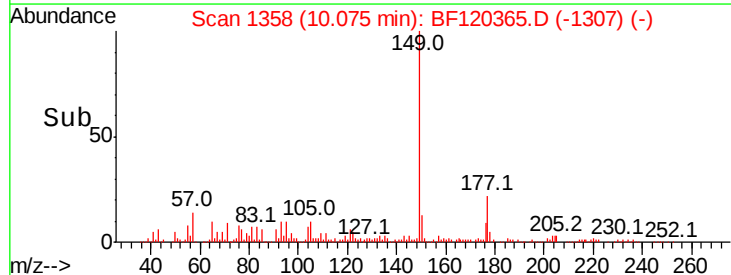
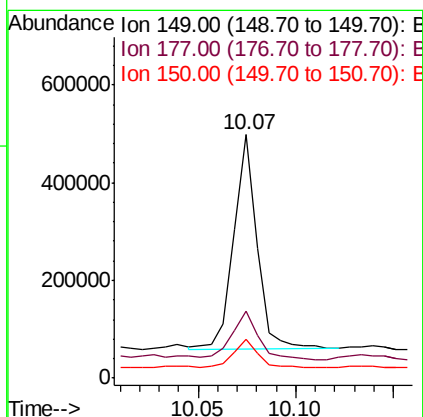
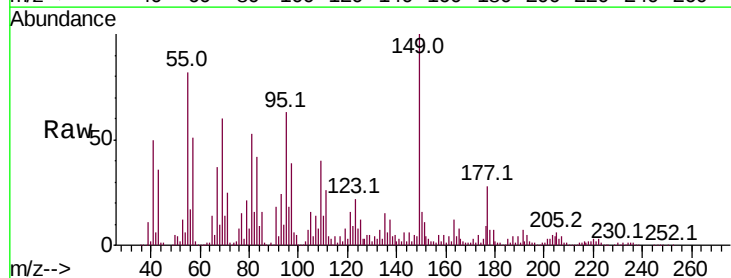
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

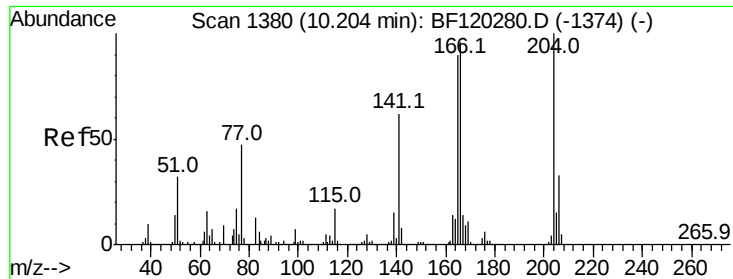
Tot Ion	Ratio	Lower	Upper
232	100		
131	51.9	34.1	51.1#
130	11.4	1.7	2.5#
166	28.9	23.3	34.9



#60
 Diethylphthalate
 Concen: 17.955 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	27.7	17.1	25.7#
150	15.8	10.3	15.5#

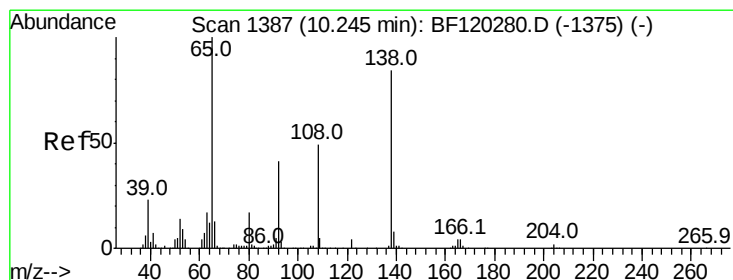
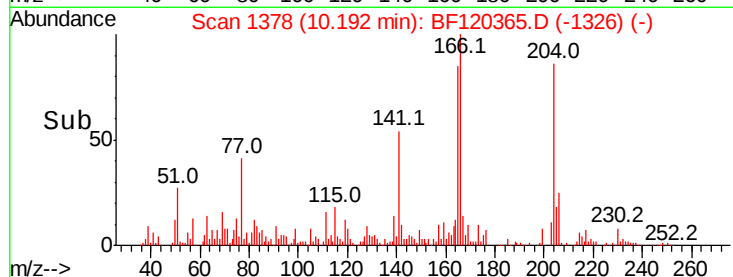
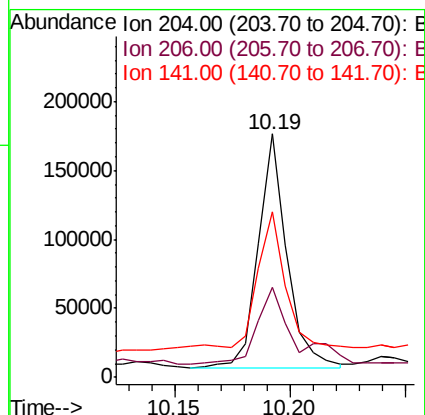
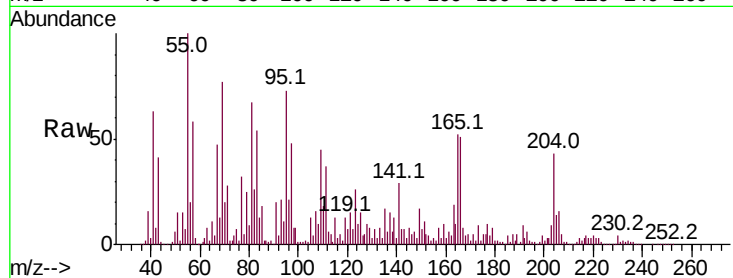




#61
4-Chlorophenyl-phenylether
Concen: 16.170 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

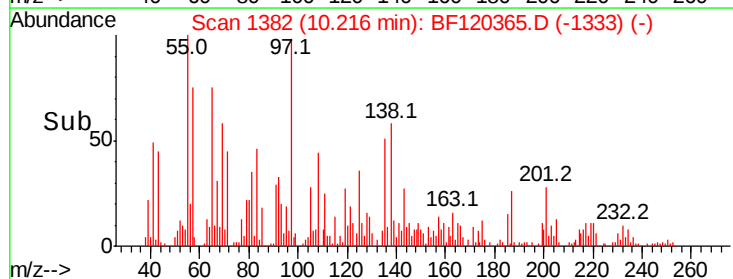
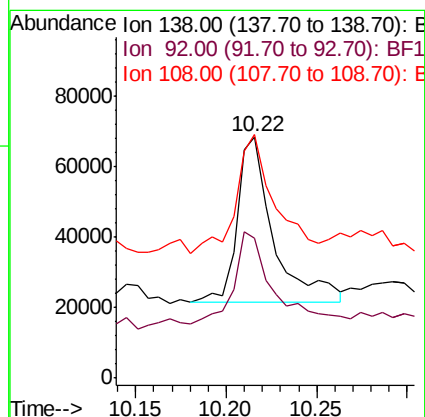
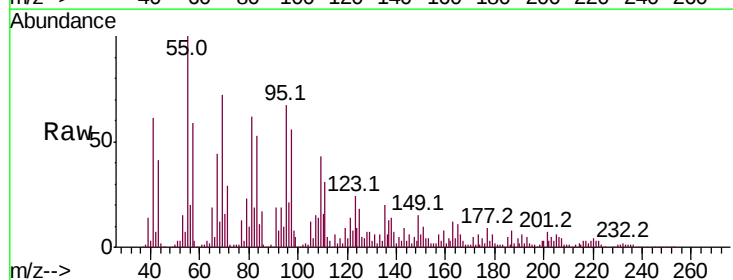
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

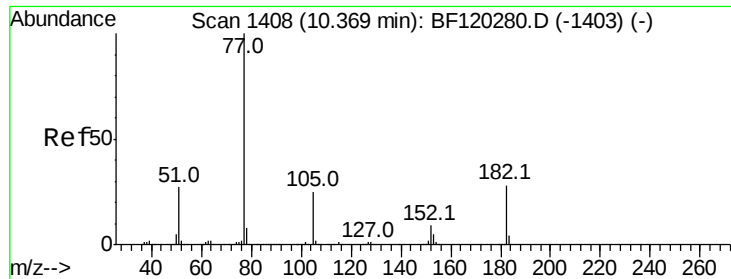
Tot Ion:204 Resp: 147811
Ion Ratio Lower Upper
204 100
206 36.9 26.8 40.2
141 67.9 49.5 74.3



#62
4-Nitroaniline
Concen: 12.535 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion:138 Resp: 65422
Ion Ratio Lower Upper
138 100
92 57.9 28.9 68.9
108 100.8 38.4 78.4#

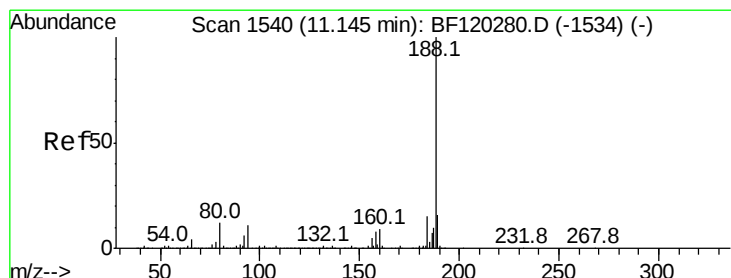
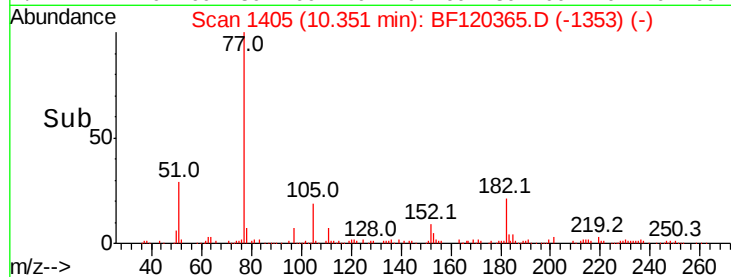
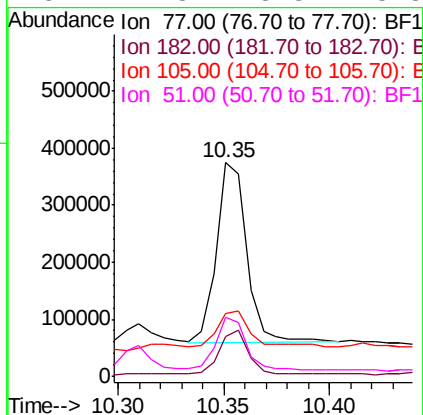
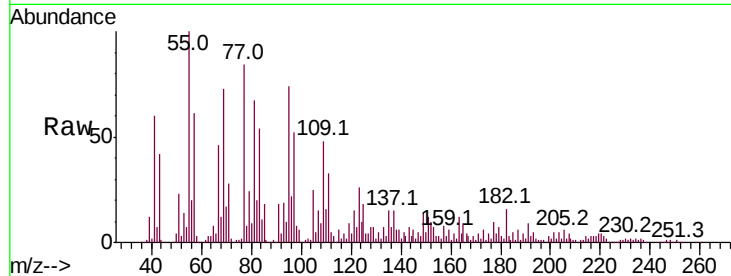




#63
Azobenzene
Concen: 16.545 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

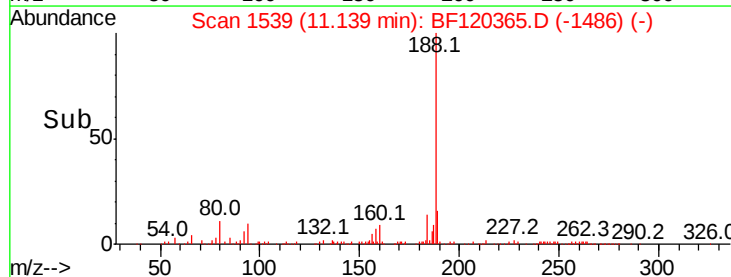
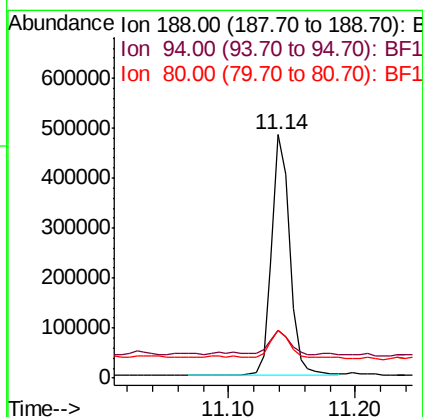
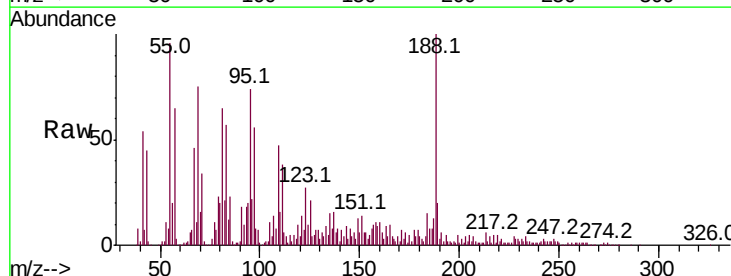
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

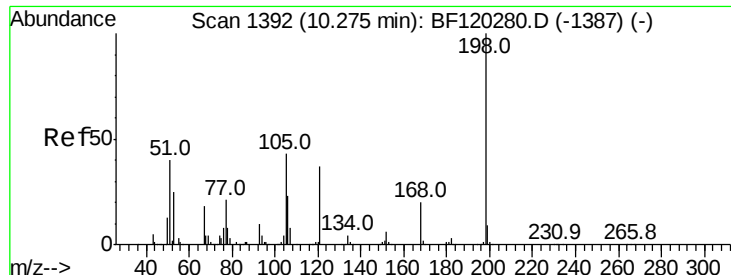
Tot Ion:	77	Resp:	317917
Ion	Ratio	Lower	Upper
77	100		
182	18.7	7.4	47.4
105	29.6	4.4	44.4
51	27.8	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion:	188	Resp:	477164
Ion	Ratio	Lower	Upper
188	100		
94	19.8	8.6	13.0#
80	19.8	9.2	13.8#





#65

4,6-Dinitro-2-methylphenol

Concen: 10.993 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampled :

VNJ-214MS

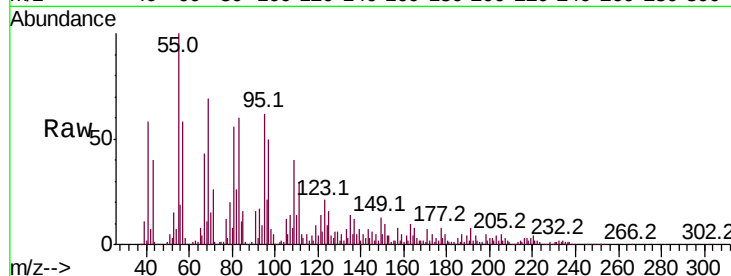
Tot Ion:198 Resp: 26527

Ion Ratio Lower Upper

198 100

51 91.8 27.1 67.1#

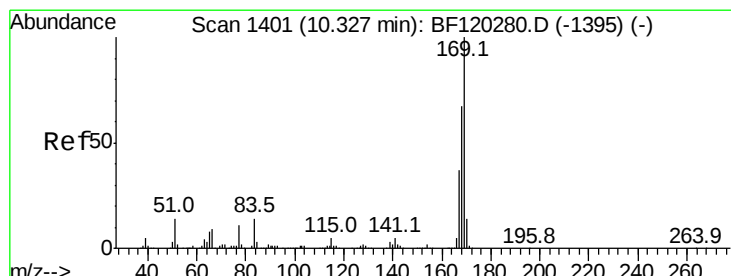
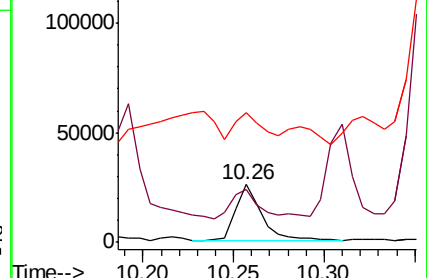
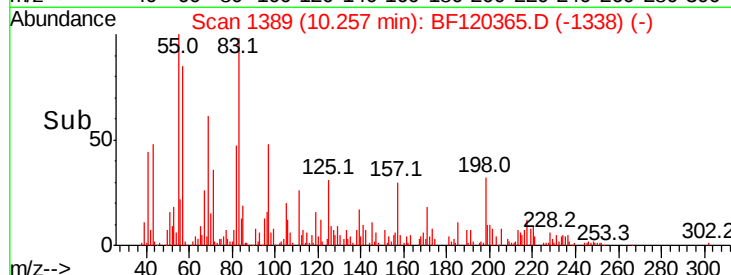
105 224.9 24.3 64.3#



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: 20.945 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

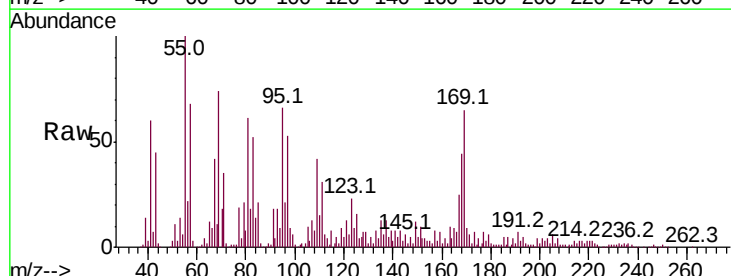
Tgt Ion:169 Resp: 276494

Ion Ratio Lower Upper

169 100

168 67.1 53.7 80.5

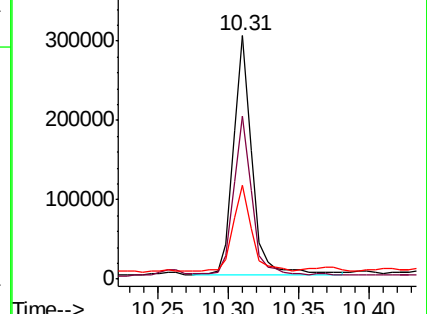
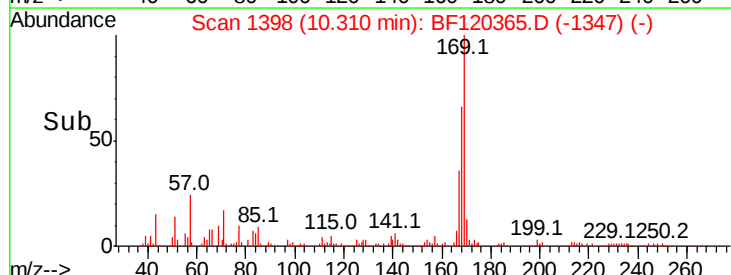
167 38.4 29.8 44.6

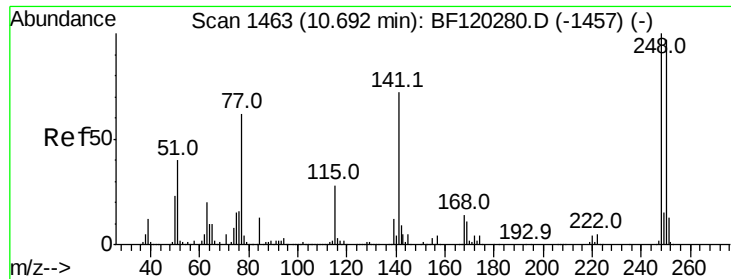


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

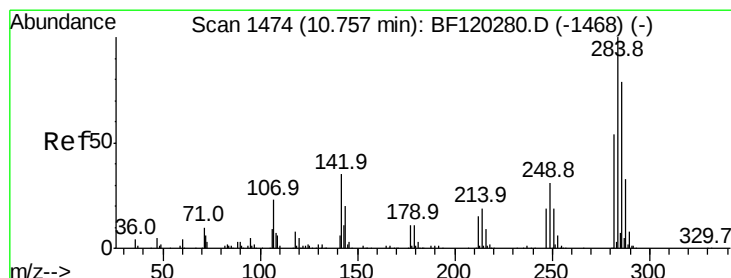
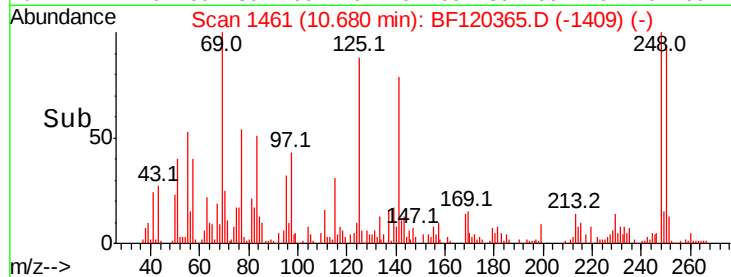
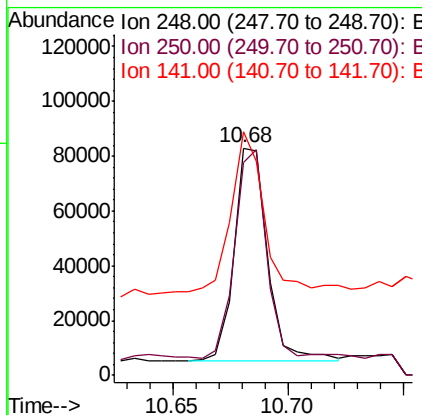
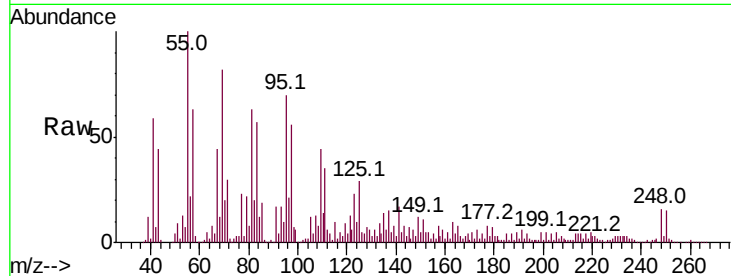




#67
 4-Bromophenyl-phenylether
 Concen: 16.857 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

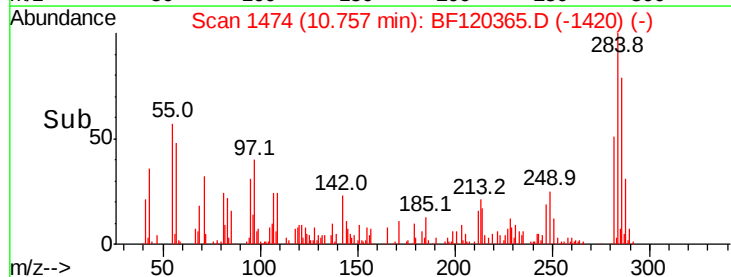
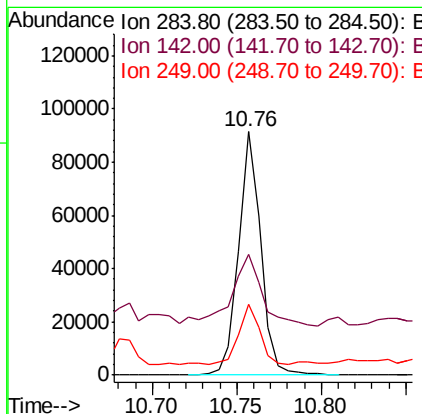
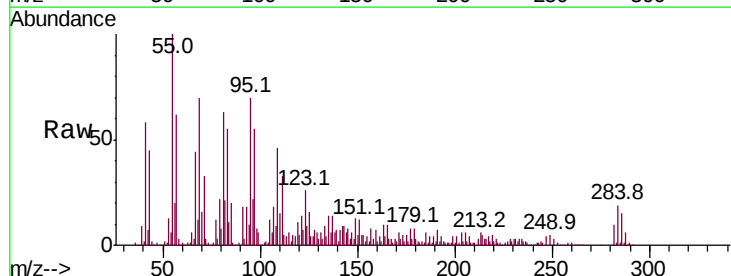
Instrument :
 BNA_F
 ClientSampled :
 VNJ-214MS

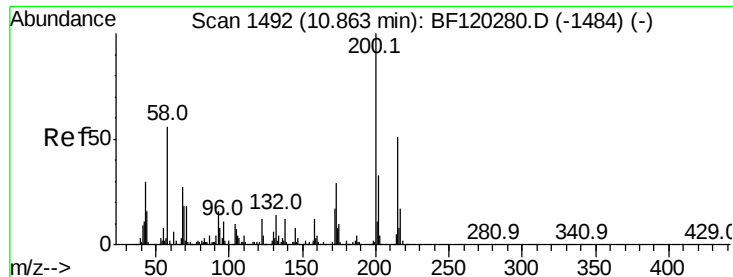
Tot Ion:248 Resp: 78051
 Ion Ratio Lower Upper
 248 100
 250 93.8 77.8 116.6
 141 107.0 57.7 86.5#



#68
 Hexachlorobenzene
 Concen: 17.225 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.02 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion:284 Resp: 83437
 Ion Ratio Lower Upper
 284 100
 142 49.8 28.5 42.7#
 249 29.1 24.8 37.2





#69

Atrazine

Concen: 18.942 ng

RT: 10.85 min Scan# 1490

Delta R.T. 0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

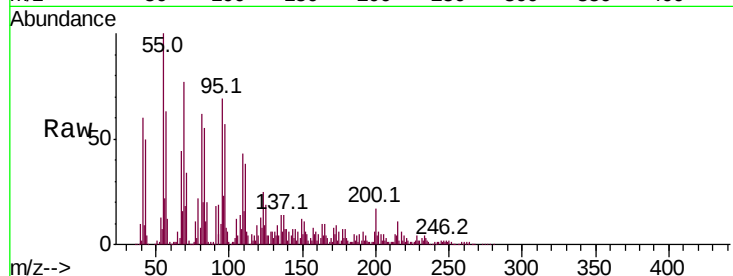
Tot Ion:200 Resp: 74822

Ion Ratio Lower Upper

200 100

173 54.1 8.7 48.7#

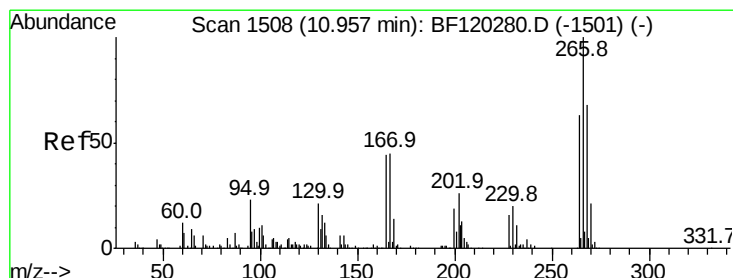
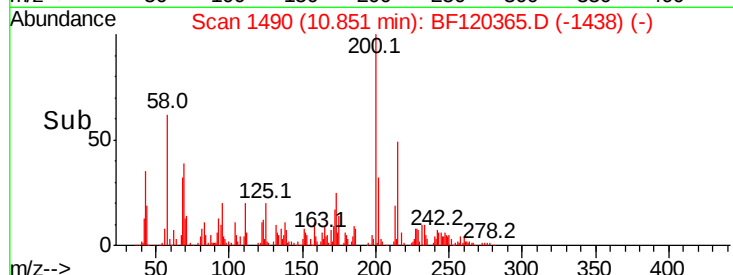
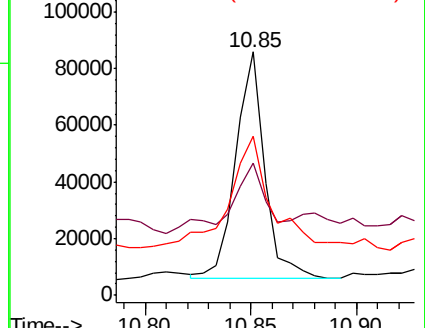
215 65.3 30.6 70.6



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: 30.969 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.02 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

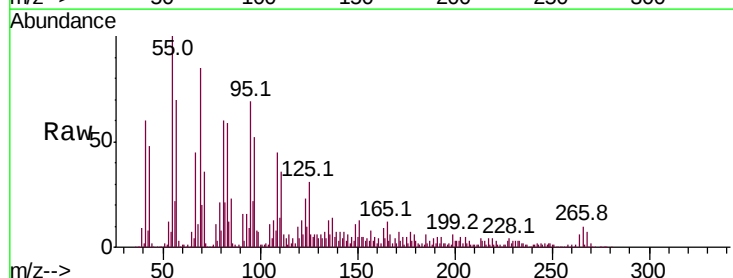
Tgt Ion:266 Resp: 63803

Ion Ratio Lower Upper

266 100

268 71.1 54.2 81.4

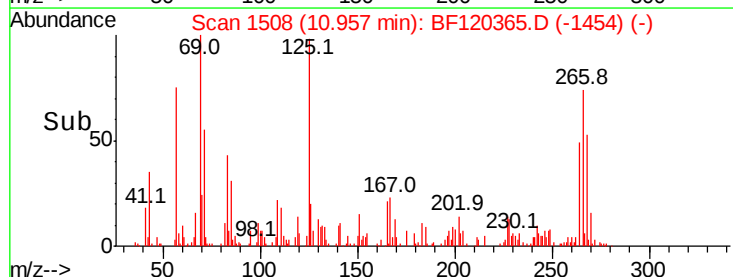
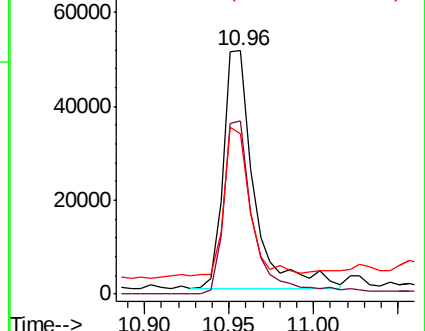
264 65.9 50.2 75.4

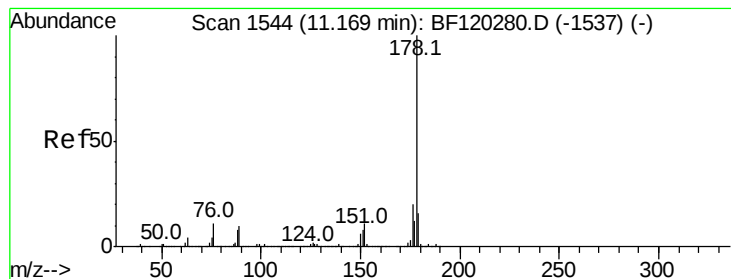


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 25.626 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.02 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

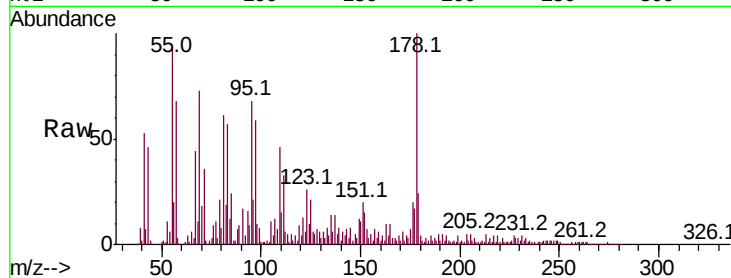
Tot Ion:178 Resp: 513814

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

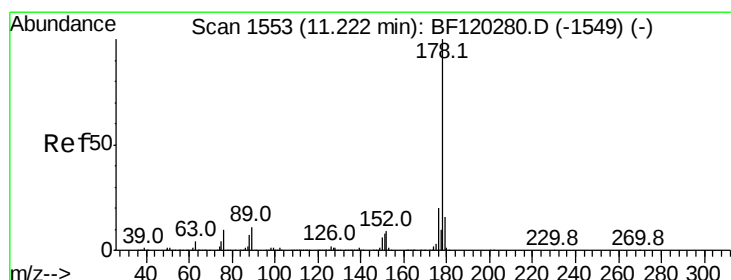
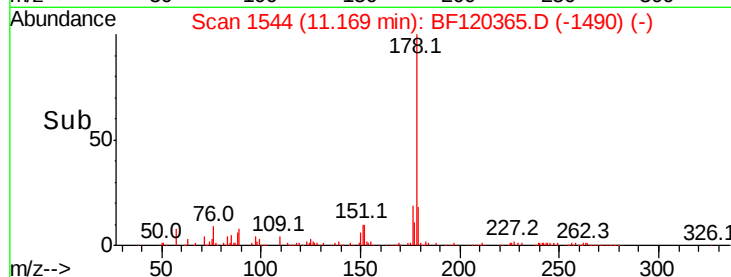
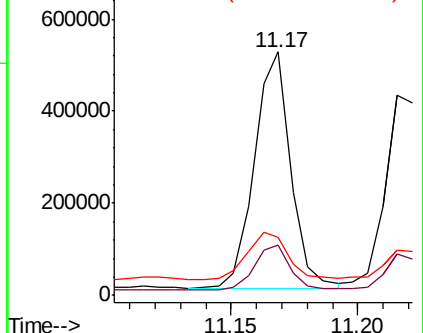
179 23.7 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 20.673 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

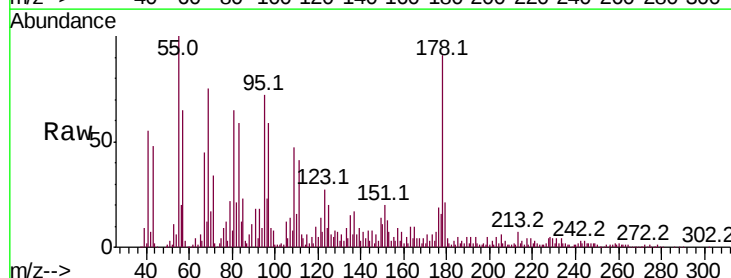
Tgt Ion:178 Resp: 443745

Ion Ratio Lower Upper

178 100

176 20.6 15.7 23.5

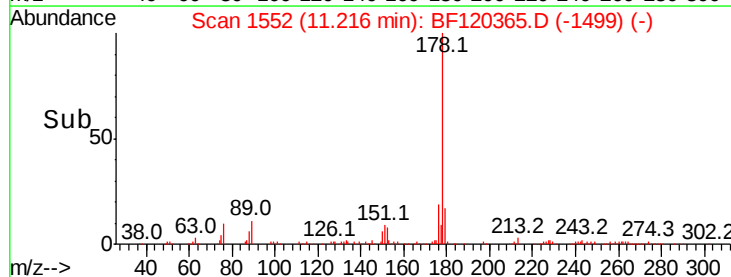
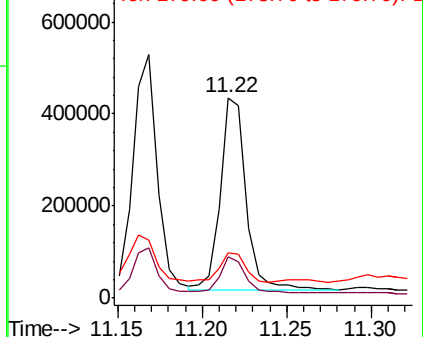
179 22.8 13.0 19.6#

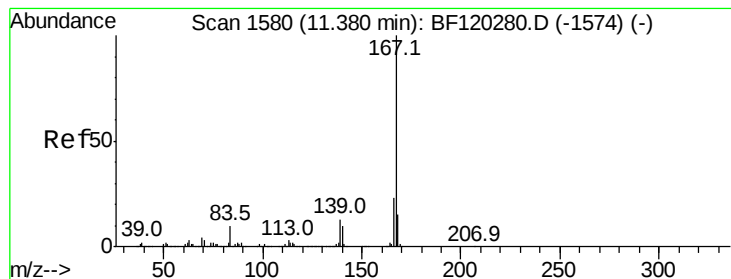


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 17.123 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

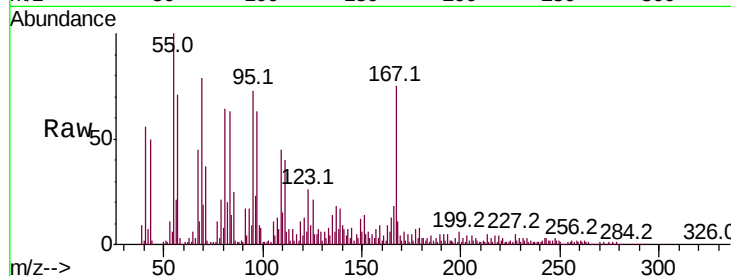
Tot Ion:167 Resp: 343421

Ion Ratio Lower Upper

167 100

166 24.5 18.1 27.1

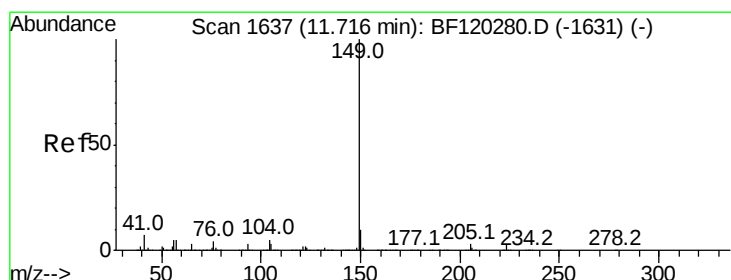
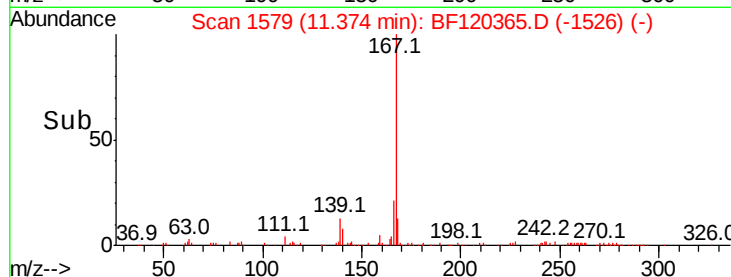
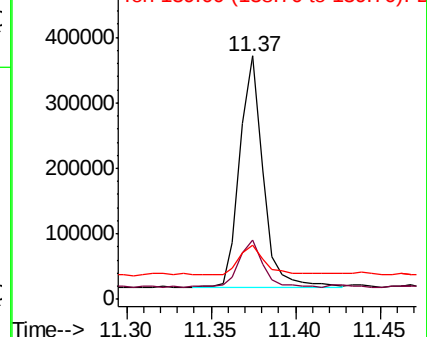
139 22.5 10.6 15.8#



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: 19.215 ng

RT: 11.71 min Scan# 1636

Delta R.T. 0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

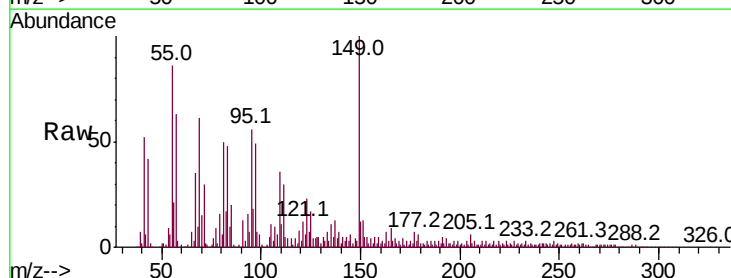
Tgt Ion:149 Resp: 464454

Ion Ratio Lower Upper

149 100

150 12.3 8.2 12.4

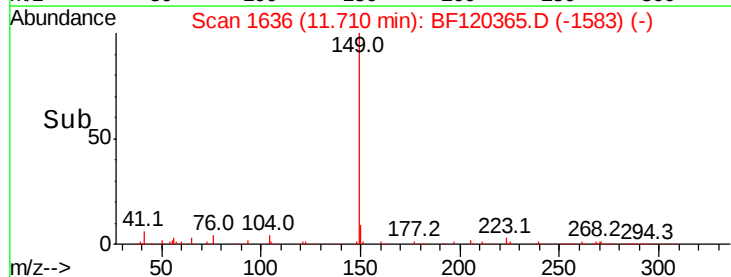
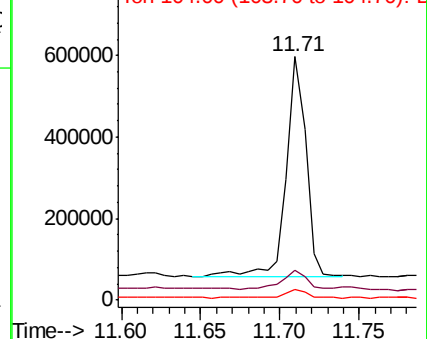
104 4.6 3.8 5.8

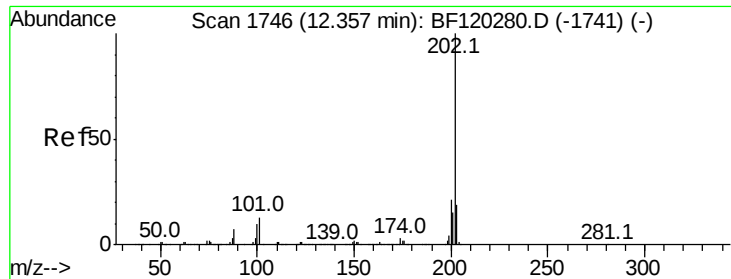


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.428 ng

RT: 12.36 min Scan# 1746

Delta R.T. 0.02 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampled :

VNJ-214MS

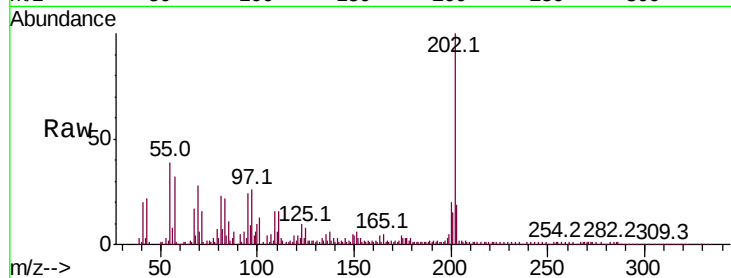
Tot Ion:202 Resp: 954799

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.2

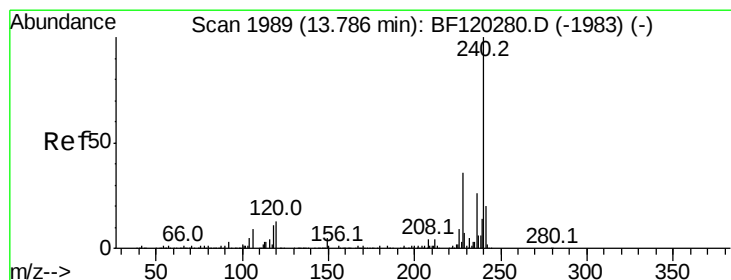
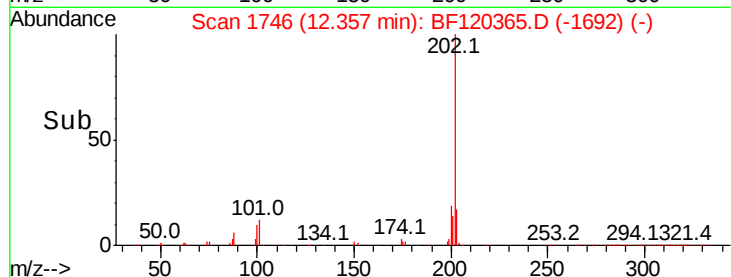
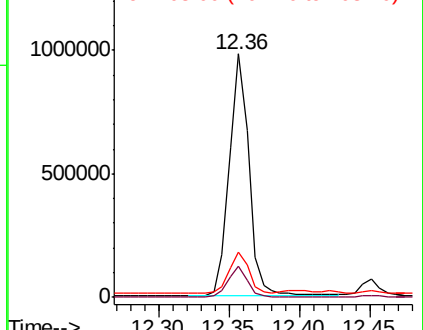
203 18.8 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

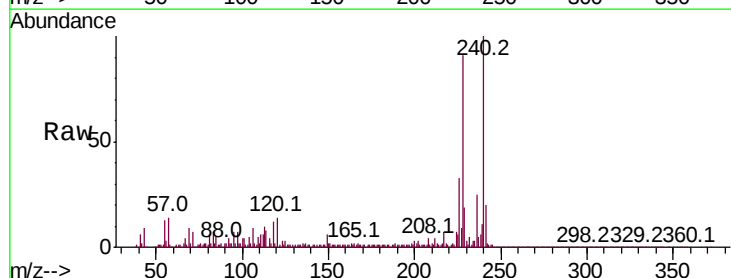
Tgt Ion:240 Resp: 389100

Ion Ratio Lower Upper

240 100

120 13.7 10.4 15.6

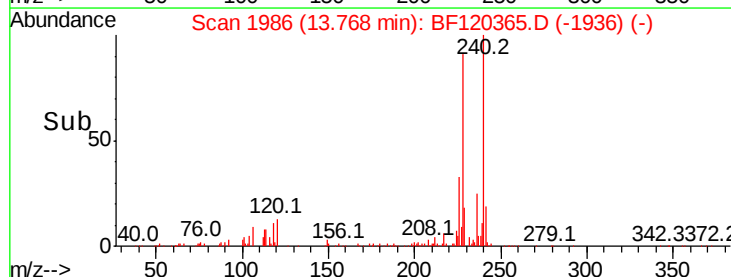
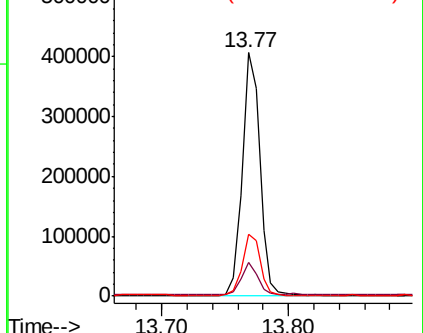
236 25.2 21.0 31.6

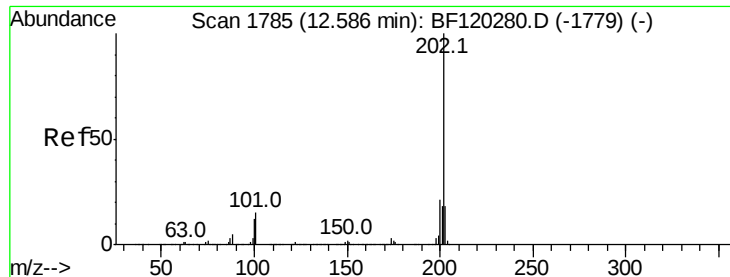


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 33.633 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.02 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

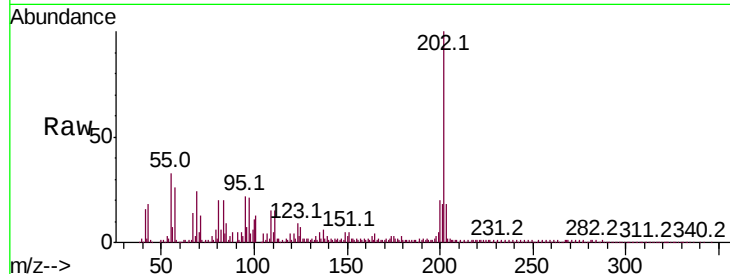
Tot Ion:202 Resp: 932952

Ion Ratio Lower Upper

202 100

200 19.7 16.6 25.0

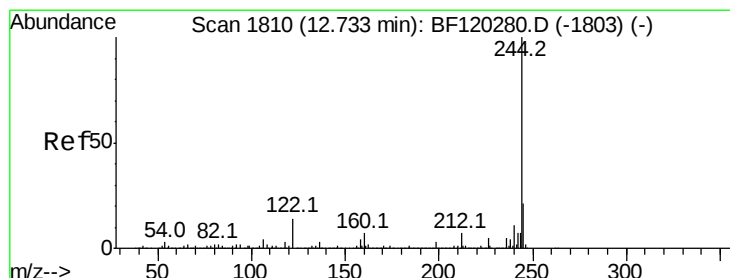
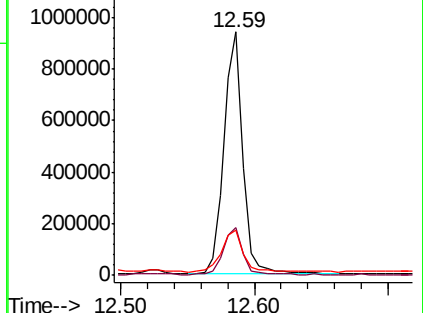
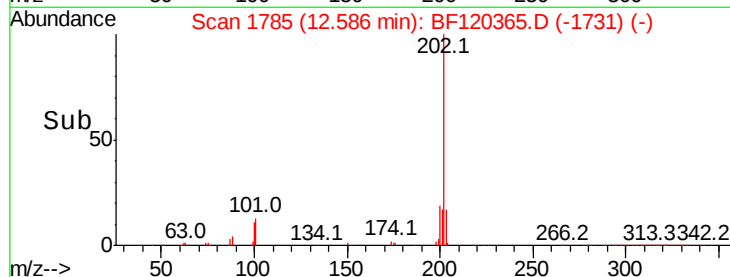
203 18.4 14.6 22.0



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: 35.699 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

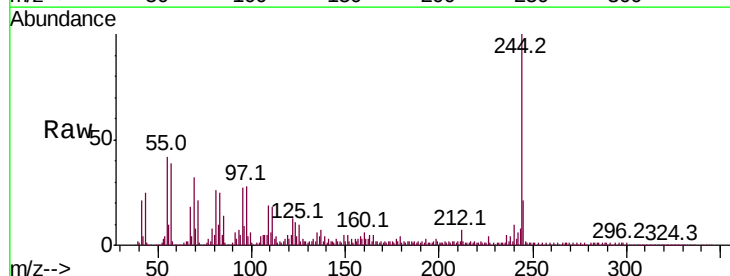
Tgt Ion:244 Resp: 628746

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

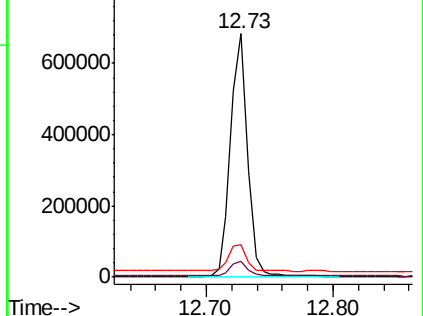
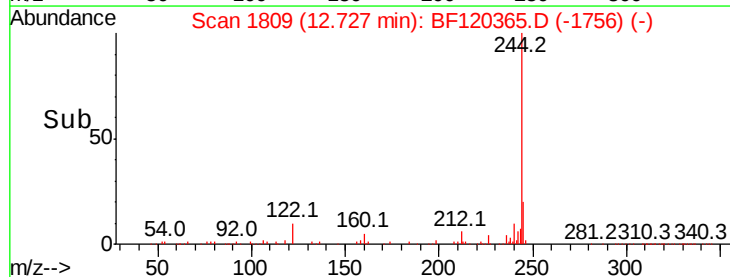
122 13.1 10.8 16.2

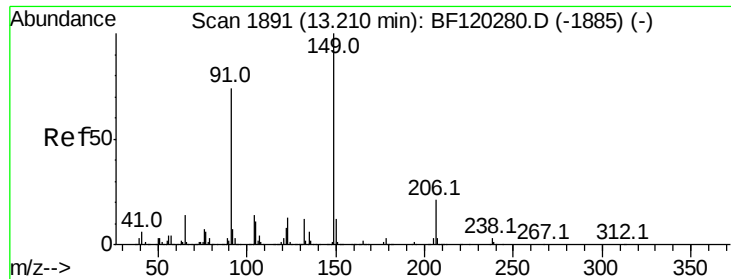


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

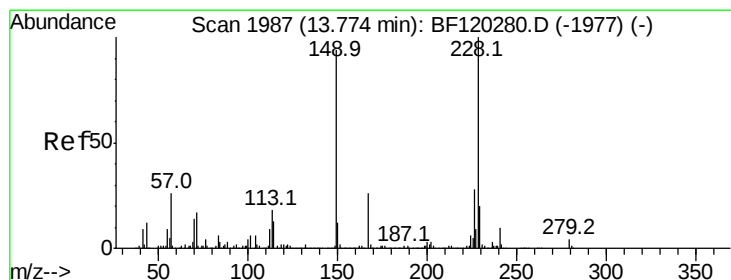
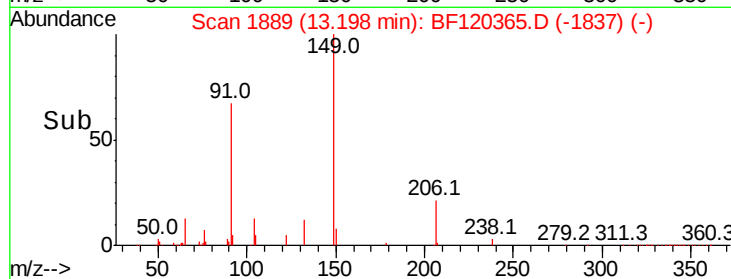
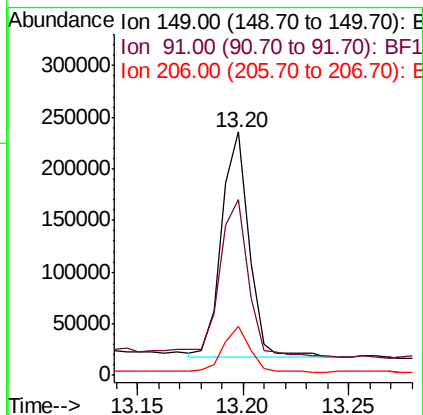
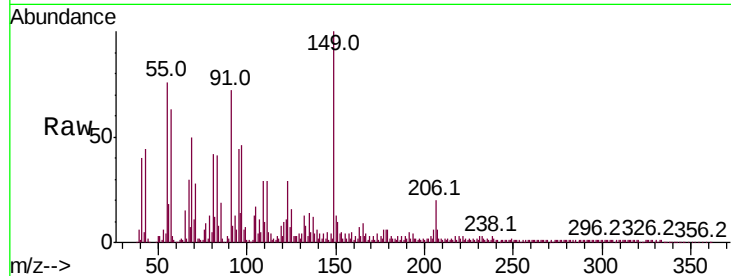




#80
Butylbenzylphthalate
Concen: 15.108 ng
RT: 13.20 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

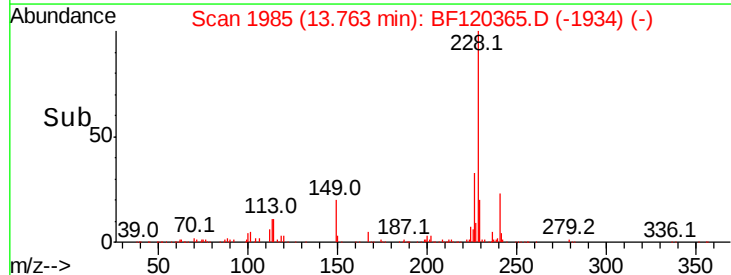
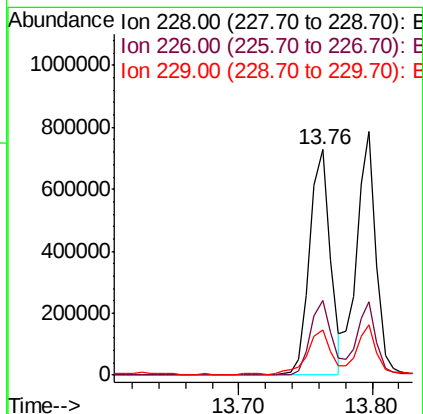
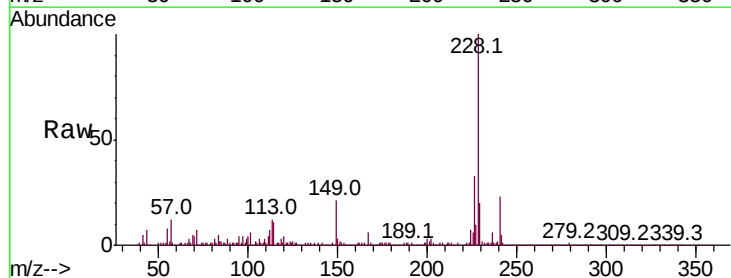
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

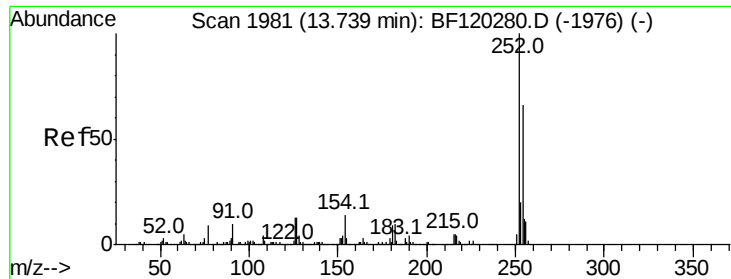
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.1	59.0	88.4
206	20.1	16.8	25.2



#81
Benzo(a)anthracene
Concen: 37.313 ng
RT: 13.76 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.6	33.8
229	20.1	16.4	24.6





#82

3,3'-Dichlorobenzidine

Concen: 10.196 ng

RT: 13.72 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

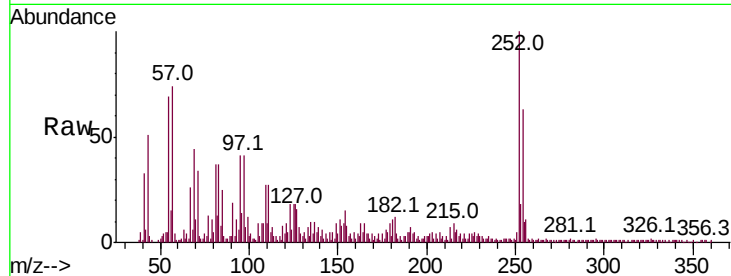
Tot Ion:252 Resp: 78855

Ion Ratio Lower Upper

252 100

254 63.4 52.6 78.8

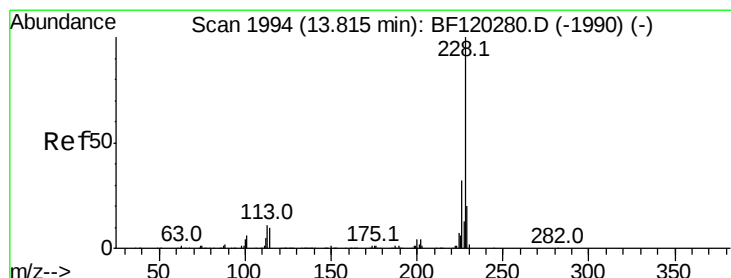
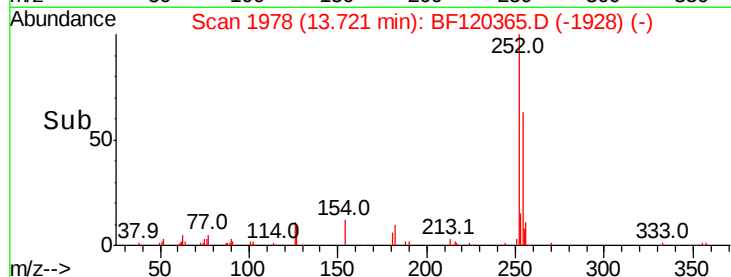
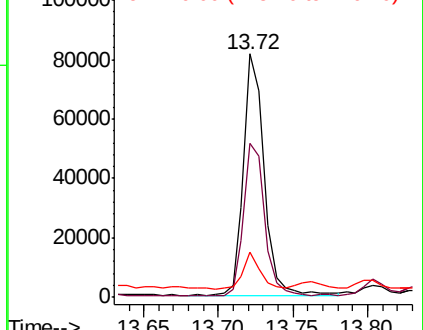
126 18.4 10.7 16.1#



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: 35.539 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

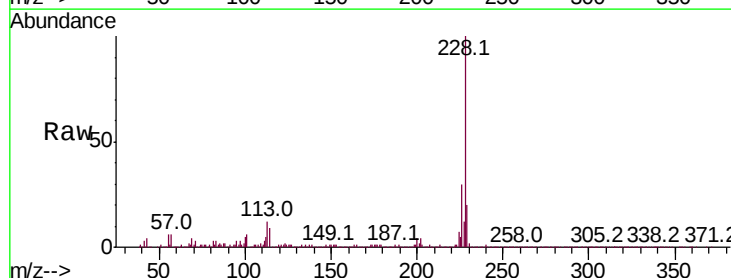
Tgt Ion:228 Resp: 783181

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

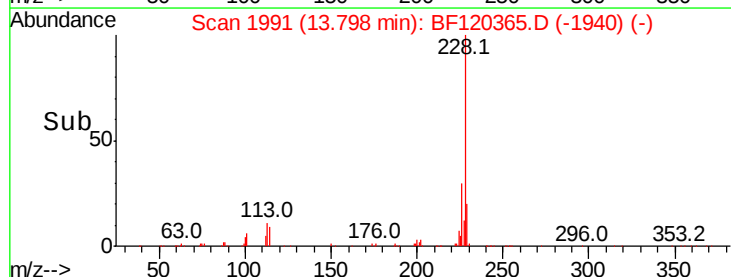
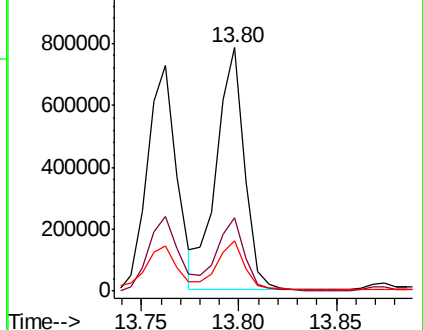
229 20.5 16.2 24.4

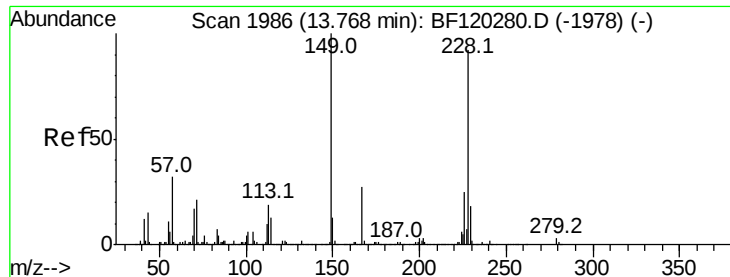


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 21.466 ng

RT: 13.76 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

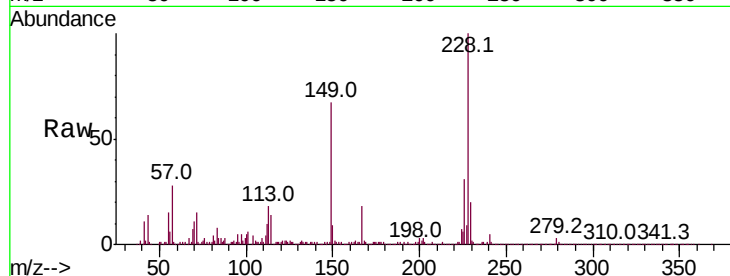
Tot Ion:149 Resp: 348845

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

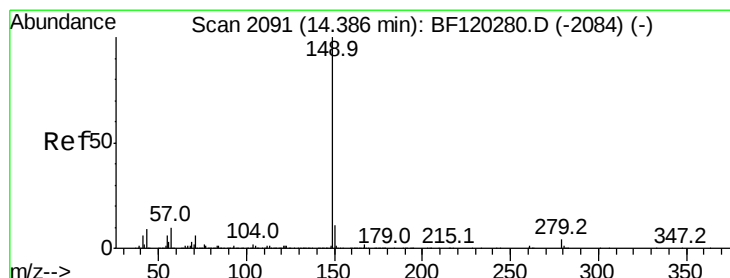
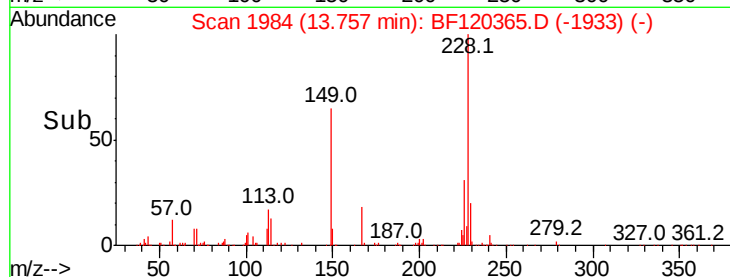
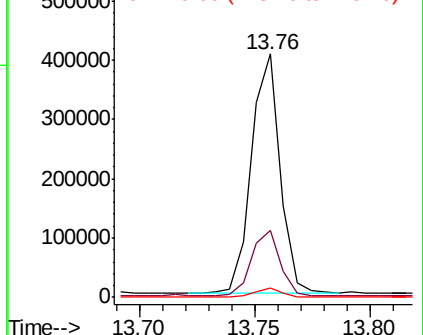
279 3.8 2.8 4.2



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: 16.641 ng

RT: 14.36 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

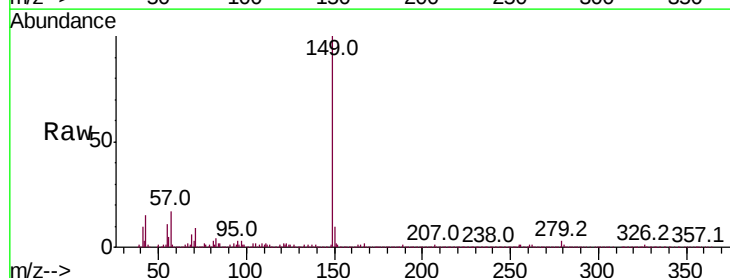
Tgt Ion:149 Resp: 486498

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

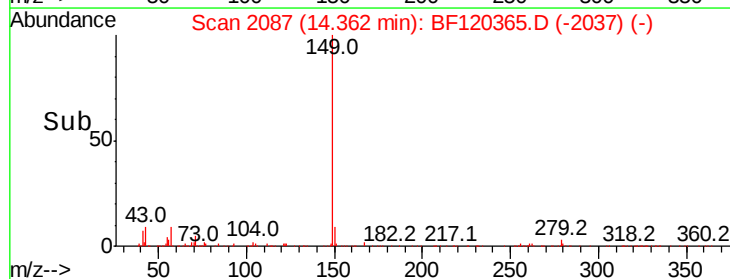
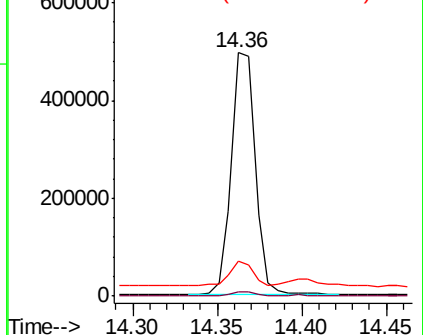
43 9.4 7.5 11.3

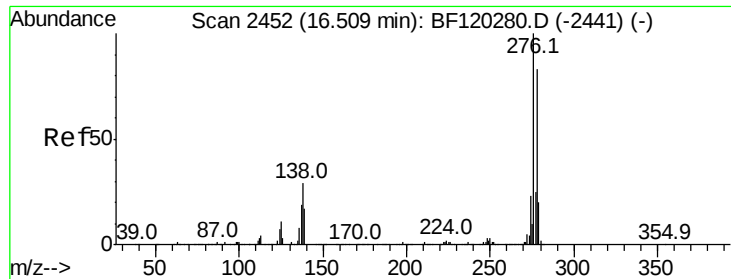


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

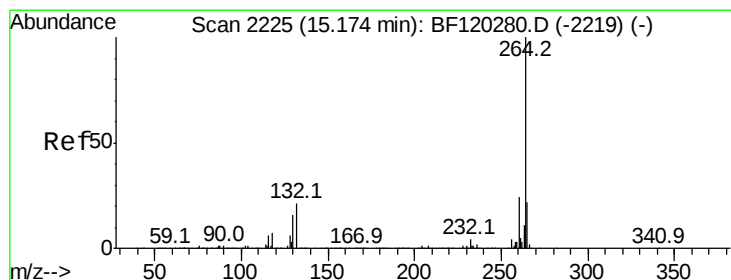
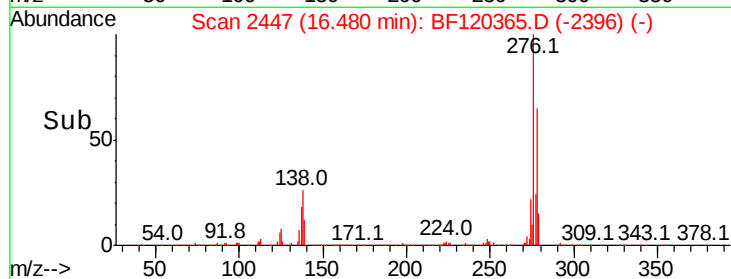
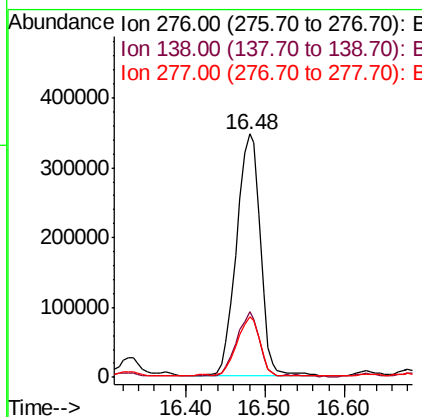
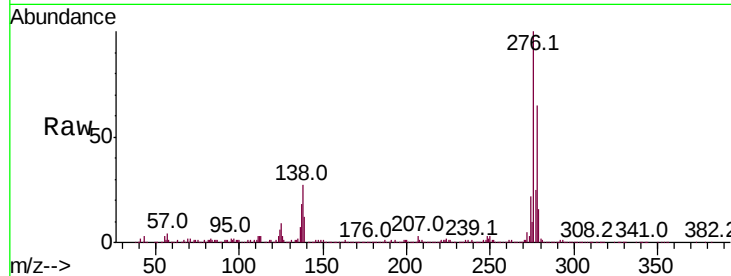




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 36.276 ng
 RT: 16.48 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

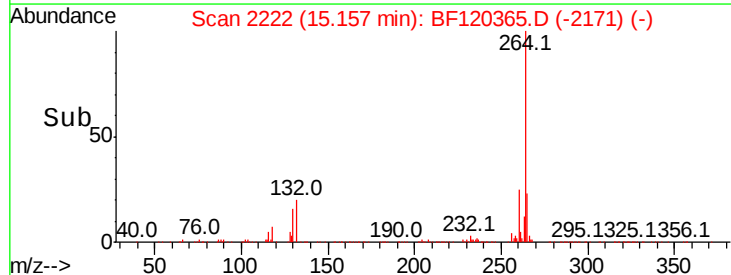
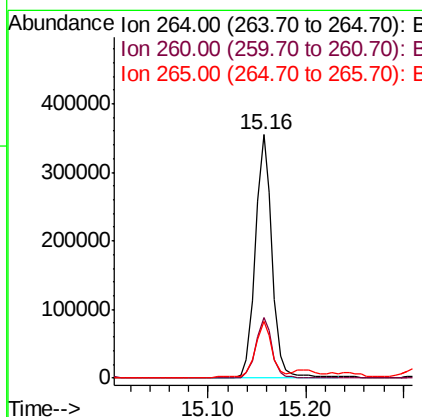
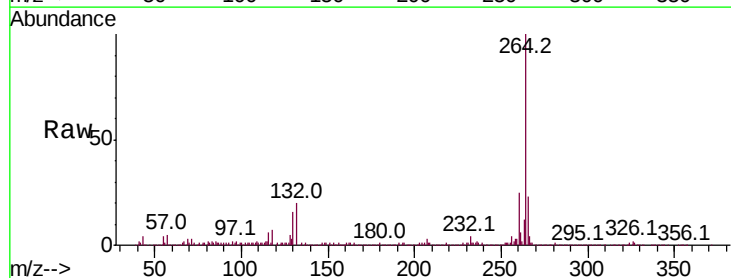
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214MS

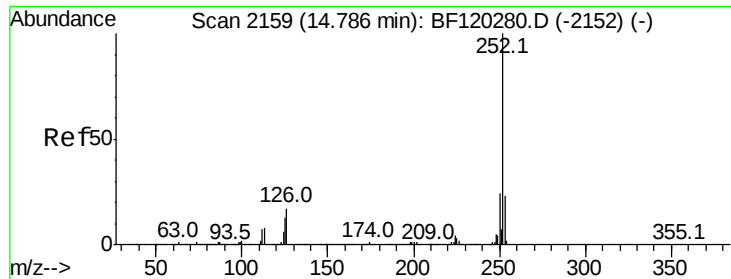
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	23.3	34.9
277	23.3	20.2	30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BF120365.D
 Acq: 19 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.6
265	23.4	17.5	26.3

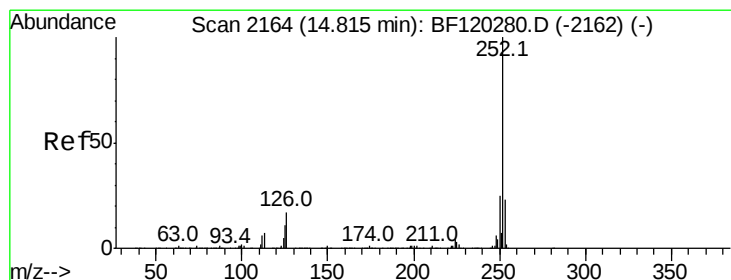
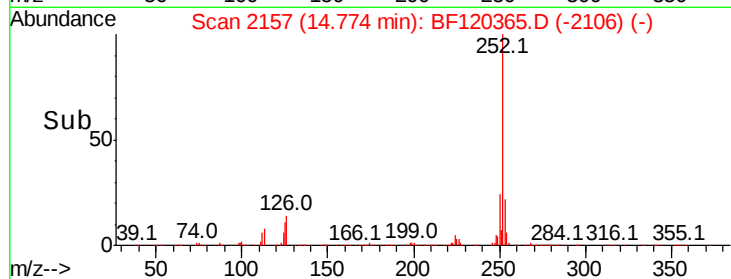
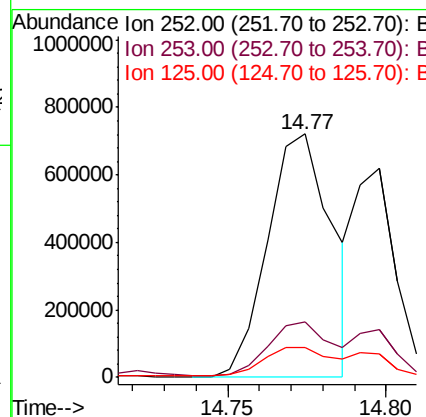
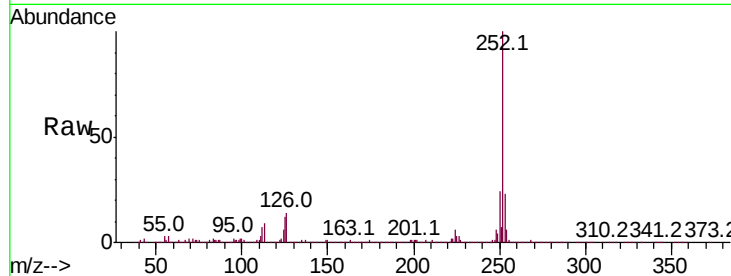




#88
Benzo(b)fluoranthene
Concen: 43.537 ng
RT: 14.77 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

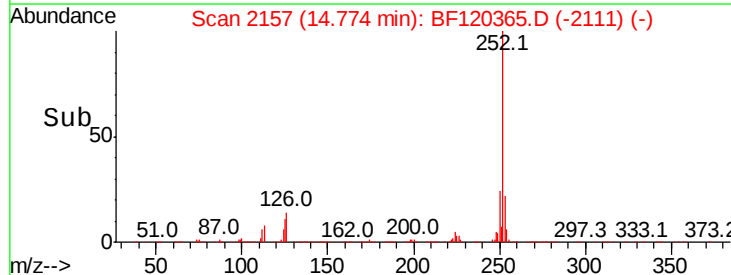
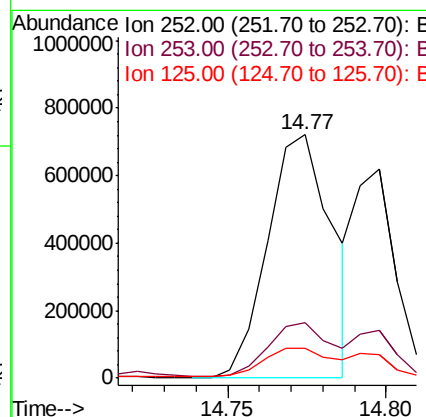
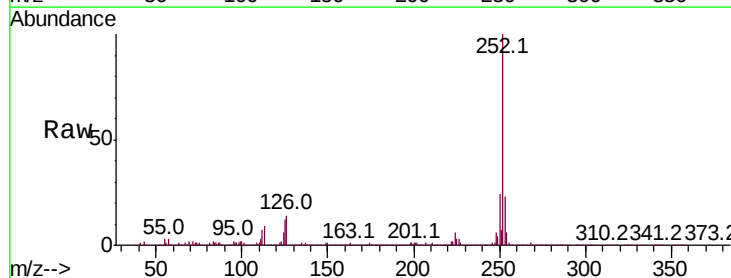
Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

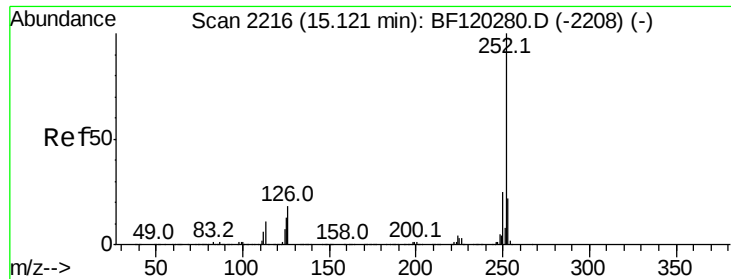
Tot Ion:252 Resp: 1014740
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 12.0 10.4 15.6



#89
Benzo(k)fluoranthene
Concen: 50.252 ng
RT: 14.77 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion:252 Resp: 1014740
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 12.0 9.9 14.9

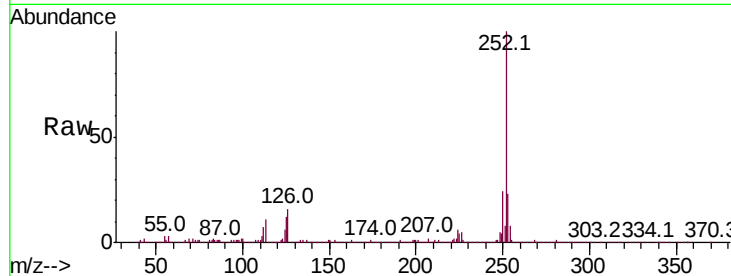




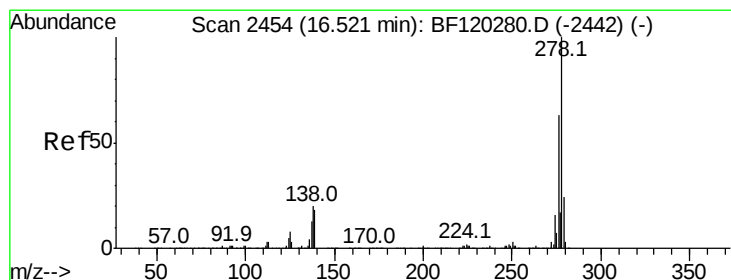
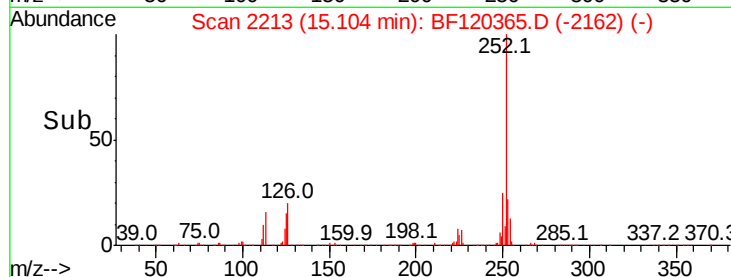
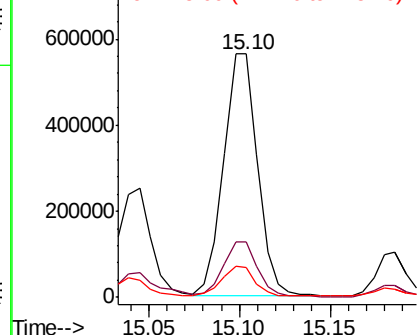
#90
Benzo(a)pyrene
Concen: 35.304 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Tot Ion:252 Resp: 737955
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 12.0 10.6 16.0

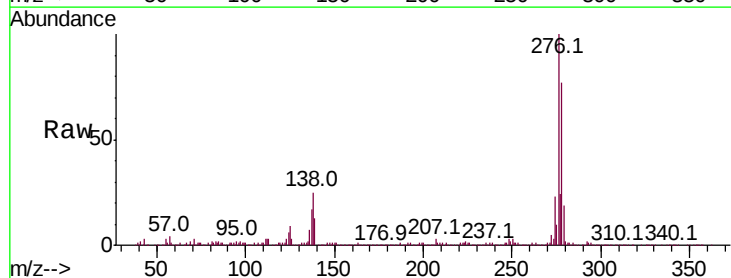


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

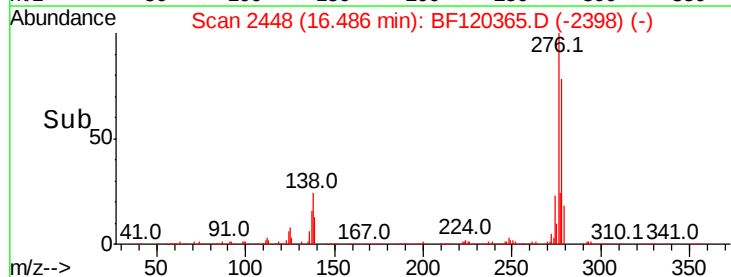
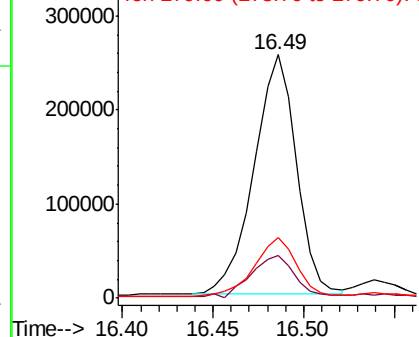


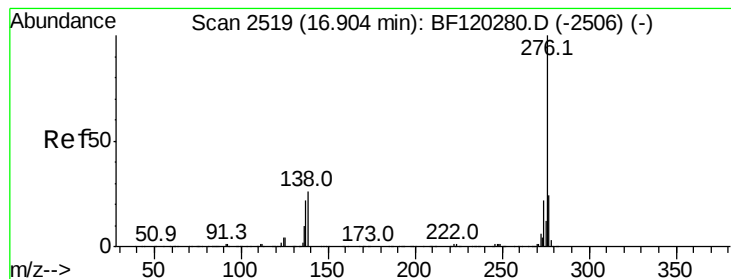
#91
Dibenzo(a,h)anthracene
Concen: 22.224 ng
RT: 16.49 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BF120365.D
Acq: 19 May 2020 15:48

Tgt Ion:278 Resp: 411541
Ion Ratio Lower Upper
278 100
139 17.4 14.7 22.1
279 24.8 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(a,h,i)perylene

Concen: 33.529 ng

RT: 16.87 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BF120365.D

Acq: 19 May 2020 15:48

Instrument :

BNA_F

ClientSampleId :

VNJ-214MS

Tot Ion:276 Resp: 626108

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 22.7 20.8 31.2

