

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120986.D
 Acq On : 23 Jul 2020 17:51
 Operator : JU/CG
 Sample : L3380-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MS

Quant Time: Jul 23 18:28:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	160787	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	612722	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	246798	20.00	ng	0.01
64) Phenanthrene-d10	11.36	188	205155	20.00	ng	0.03
76) Chrysene-d12	13.99	240	345430	20.00	ng	0.01
86) Perylene-d12	15.42	264	430831	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	782070	79.74	ng	0.00
7) Phenol-d6	6.45	99	984209	77.68	ng	0.00
23) Nitrobenzene-d5	7.37	82	609377	57.55	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	186908	69.19	ng	0.02
45) 2-Fluorobiphenyl	9.17	172	1100808	66.60	ng	0.00
79) Terphenyl-d14	12.94	244	641821	40.39	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	184850	40.951	ng	100
3) Pyridine	3.32	79	424604	35.361	ng	98
4) n-Nitrosodimethylamine	3.27	42	211111	41.115	ng	94
6) Aniline	6.47	93	385913	23.335	ng	99
8) 2-Chlorophenol	6.60	128	477079	44.155	ng	99
9) Benzaldehyde	6.36	77	344734	67.238	ng	97
10) Phenol	6.46	94	577366	41.428	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	446553	41.809	ng	97
12) 1,3-Dichlorobenzene	6.76	146	475158	40.556	ng	98
13) 1,4-Dichlorobenzene	6.83	146	489680	42.032	ng	98
14) 1,2-Dichlorobenzene	6.98	146	470969	42.732	ng	98
15) Benzyl Alcohol	6.96	79	377981	42.187	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	626423	40.690	ng	99
17) 2-Methylphenol	7.07	107	376831	39.349	ng	99
18) Hexachloroethane	7.33	117	181478	43.039	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	294224	40.840	ng	99
20) 3+4-Methylphenols	7.22	107	425650	34.940	ng	# 84
22) Acetophenone	7.22	105	580313	42.201	ng	# 93
24) Nitrobenzene	7.40	77	467852	40.993	ng	98
25) Isophorone	7.64	82	871213	41.224	ng	100
26) 2-Nitrophenol	7.72	139	248429	45.832	ng	96
27) 2,4-Dimethylphenol	7.75	122	408591	46.427	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	553388	42.897	ng	99
29) 2,4-Dichlorophenol	7.96	162	385858	42.907	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	419939	42.089	ng	100
31) Naphthalene	8.12	128	1283959	40.852	ng	100
32) Benzoic acid	7.88	122	304847	46.145	ng	98
33) 4-Chloroaniline	8.17	127	217397	15.506	ng	97
34) Hexachlorobutadiene	8.24	225	237787	40.428	ng	99
35) Caprolactam	8.55	113	120035	41.622	ng	# 88
36) 4-Chloro-3-methylphenol	8.66	107	399516	43.317	ng	98
37) 2-Methylnaphthalene	8.81	142	853742	41.835	ng	98
38) 1-Methylnaphthalene	8.91	142	798506	41.314	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	368512	51.249	ng	99

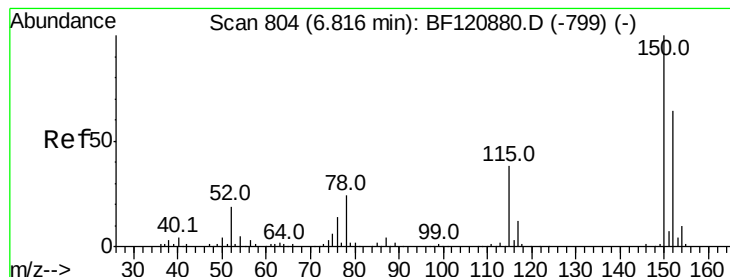
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	408975	102.910	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	268045	52.943	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	277369	48.297	nq	# 95
46) 1,1'-Biphenyl	9.28	154	963936	51.203	nq	99
47) 2-Chloronaphthalene	9.30	162	730609	47.601	nq	98
48) 2-Nitroaniline	9.40	65	232635	50.153	nq	92
49) Acenaphthylene	9.72	152	1051937	44.116	nq	98
50) Dimethylphthalate	9.58	163	891072	50.046	nq	98
51) 2,6-Dinitrotoluene	9.64	165	210226	54.958	nq	92
52) Acenaphthene	9.89	154	649392	42.837	nq	98
53) 3-Nitroaniline	9.80	138	121688	25.365	nq	# 97
54) 2,4-Dinitrophenol	9.92	184	142100	65.859	nq	92
55) Dibenzofuran	10.07	168	823176	37.550	nq	98
56) 4-Nitrophenol	9.97	139	284381	78.034	nq	# 82
57) 2,4-Dinitrotoluene	10.05	165	209199	41.646	nq	# 97
58) Fluorene	10.42	166	451930	27.641	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	168195	38.466	nq	# 98
60) Diethylphthalate	10.29	149	592026	32.873	nq	97
61) 4-Chlorophenyl-phenylether	10.40	204	248070	28.446	nq	92
62) 4-Nitroaniline	10.42	138	97403	20.843	nq	82
63) Azobenzene	10.57	77	490222	28.593	nq	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	75750	62.533	nq	# 46
66) n-Nitrosodiphenylamine	10.52	169	427905	66.303	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	131900	57.666	nq	92
68) Hexachlorobenzene	10.97	284	157962	63.842	nq	98
69) Atrazine	11.06	200	110973	69.431	nq	82
70) Pentachlorophenol	11.16	266	163138	115.090	nq	98
71) Phenanthrene	11.39	178	415008	39.333	nq	# 91
72) Anthracene	11.44	178	450268	42.499	nq	# 95
73) Carbazole	11.59	167	366263	34.834	nq	# 91
74) Di-n-butylphthalate	11.93	149	506695	41.759	nq	# 96
75) Fluoranthene	12.59	202	586172	50.121	nq	94
77) Benzidine	12.69	184	213465	23.504	nq	# 83
78) Pyrene	12.81	202	671422	27.492	nq	98
80) Butylbenzylphthalate	13.41	149	396560	36.425	nq	94
81) Benzo(a)anthracene	13.98	228	912136	43.606	nq	100
82) 3,3'-Dichlorobenzidine	13.94	252	146286	18.537	nq	# 98
83) Chrysene	14.02	228	902448	41.054	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	660042	49.165	nq	100
85) Di-n-octyl phthalate	14.57	149	1298096	48.601	nq	100
87) Indeno(1,2,3-cd)pyrene	16.85	276	1304369	43.533	nq	100
88) Benzo(b)fluoranthene	15.01	252	1073883	41.236	nq	99
89) Benzo(k)fluoranthene	15.04	252	1010237	42.536	nq	100
90) Benzo(a)pyrene	15.36	252	984283	41.426	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	1085495	44.351	nq	98
92) Benzo(g,h,i)perylene	17.28	276	1114236	46.172	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF120986.D

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ClientSampleId :

VNJ-241MS

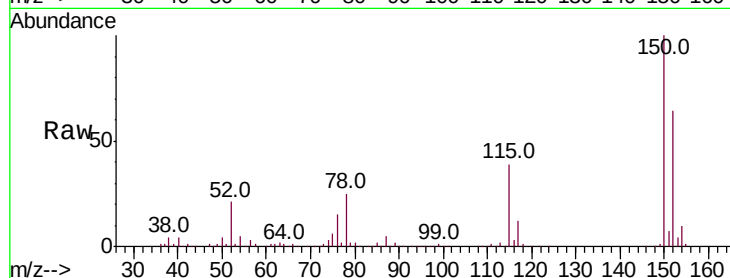
Tot Ion:152 Resp: 160787

Ion Ratio Lower Upper

152 100

150 157.3 125.0 187.6

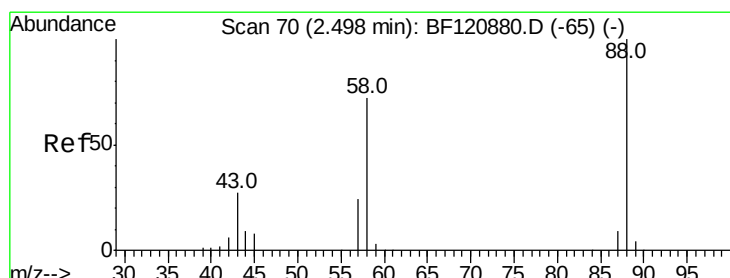
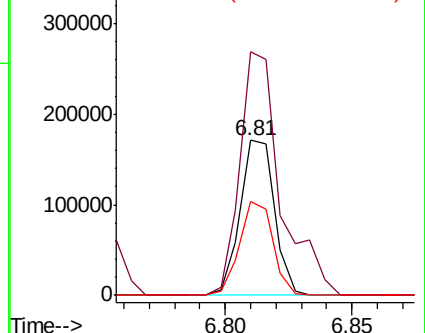
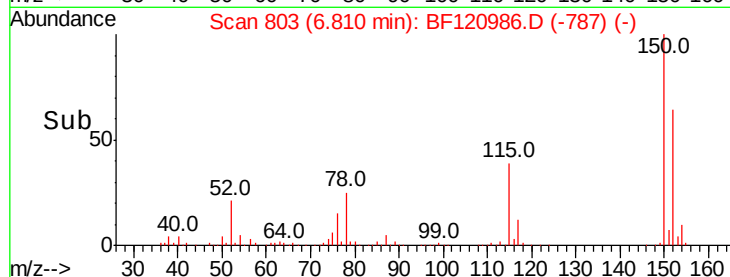
115 61.0 47.0 70.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.951 ng

RT: 2.58 min Scan# 84

Delta R.T. 0.08 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

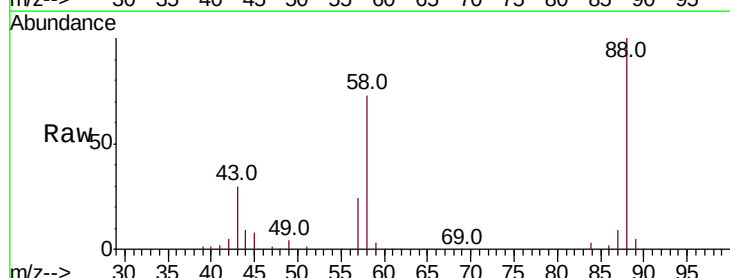
Tgt Ion: 88 Resp: 184850

Ion Ratio Lower Upper

88 100

58 72.7 58.2 87.2

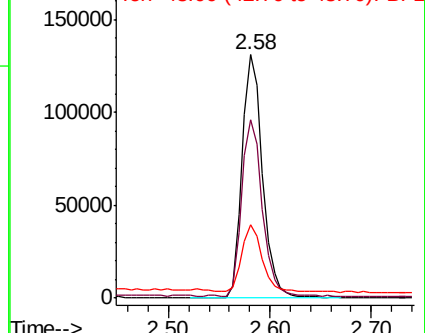
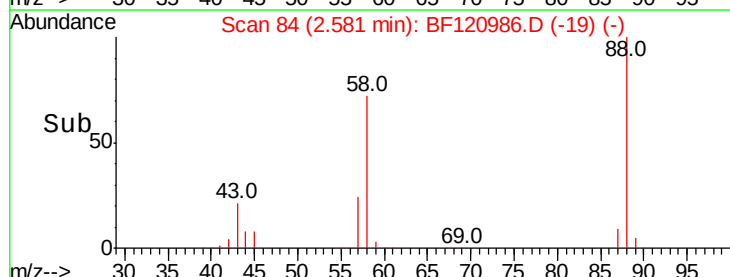
43 28.0 22.1 33.1

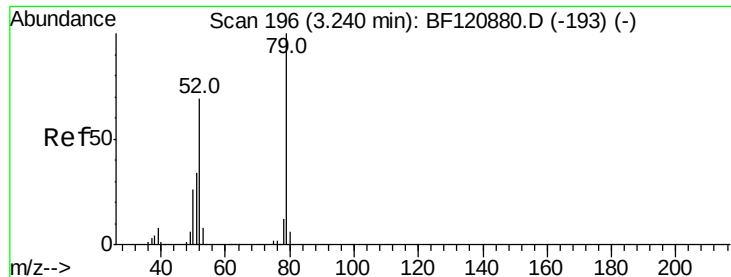


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

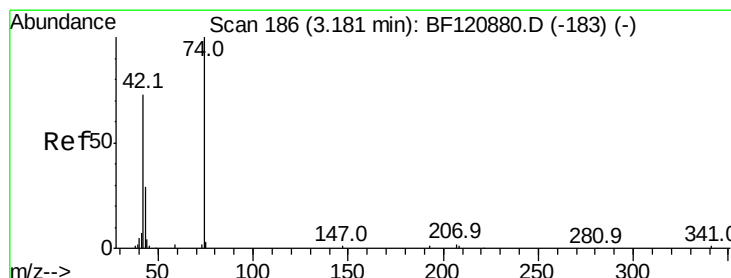
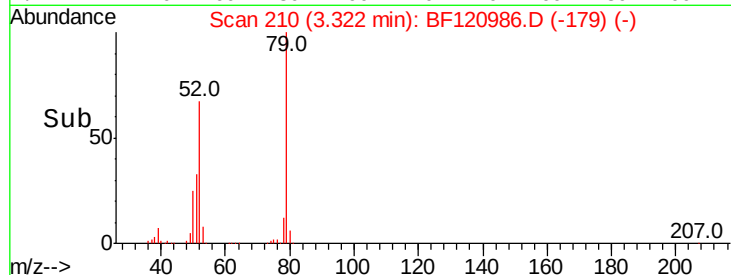
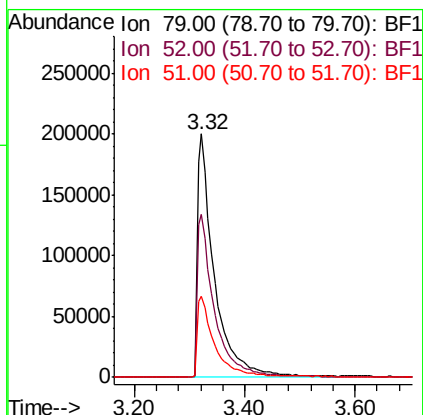
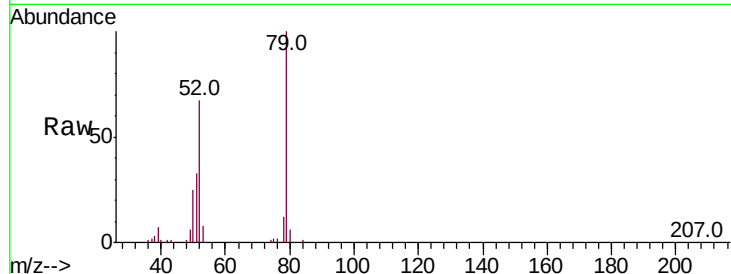




#3
 Pvridine
 Concen: 35.361 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.08 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

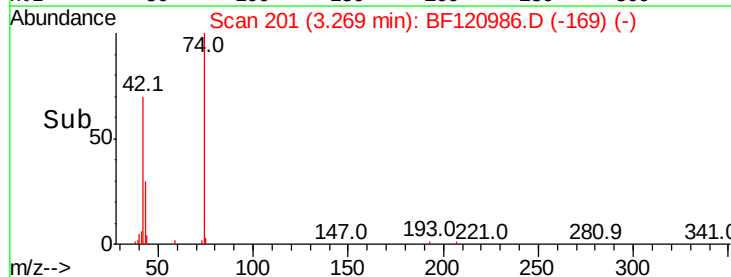
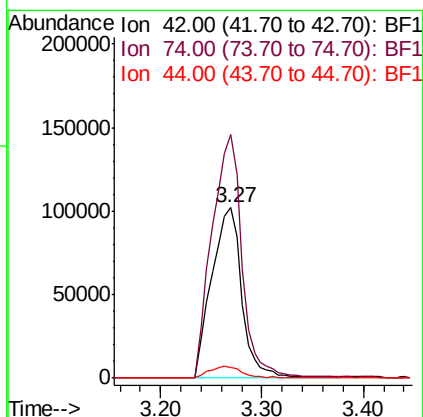
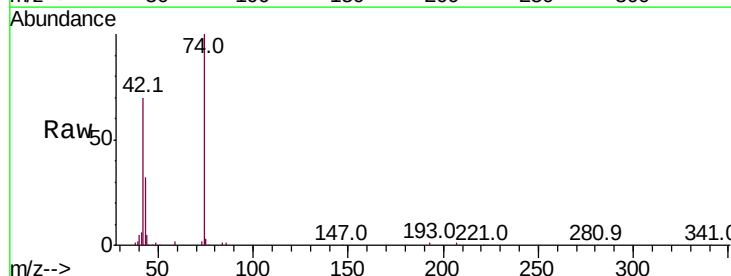
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MS

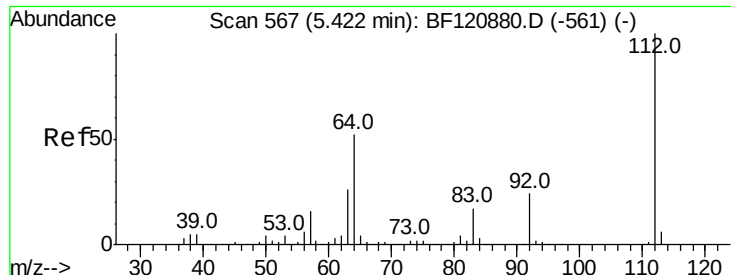
Tot Ion: 79 Resp: 424604
 Ion Ratio Lower Upper
 79 100
 52 67.1 55.0 82.6
 51 33.4 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 41.115 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.09 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

Tgt Ion: 42 Resp: 211111
 Ion Ratio Lower Upper
 42 100
 74 143.0 108.7 163.1
 44 6.5 5.2 7.8

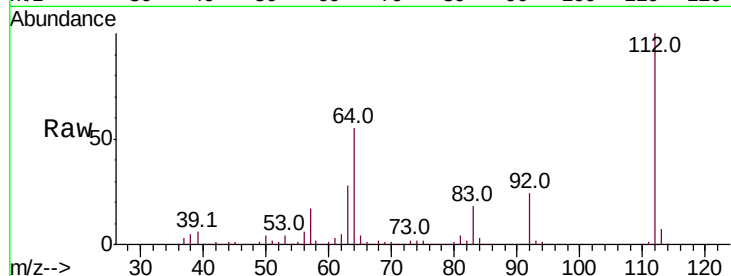




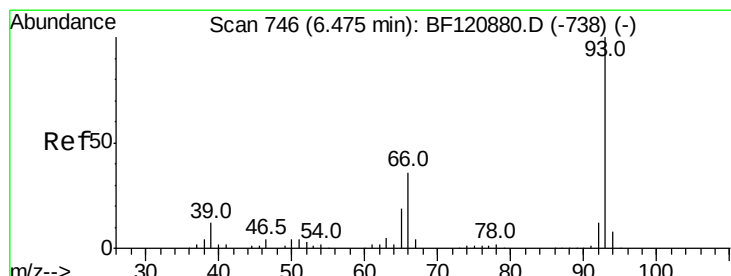
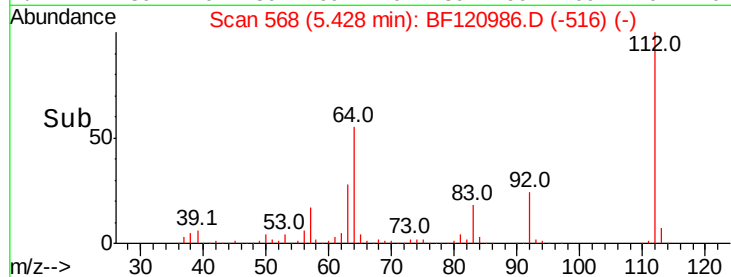
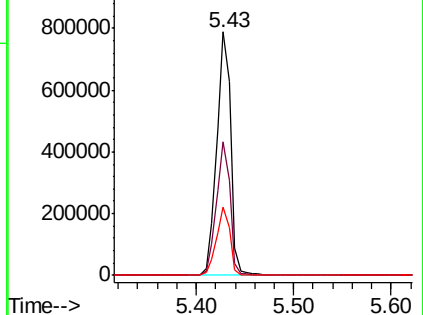
#5
 2-Fluorophenol
 Concen: 79.739 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MS

Tot Ion:	112	Resp:	782070
Ion	Ratio	Lower	Upper
112	100		
64	54.9	41.3	61.9
63	28.1	21.1	31.7

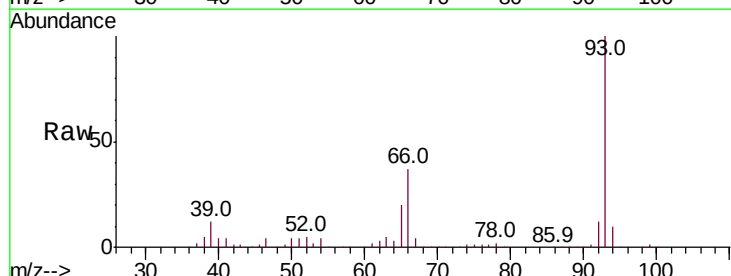


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

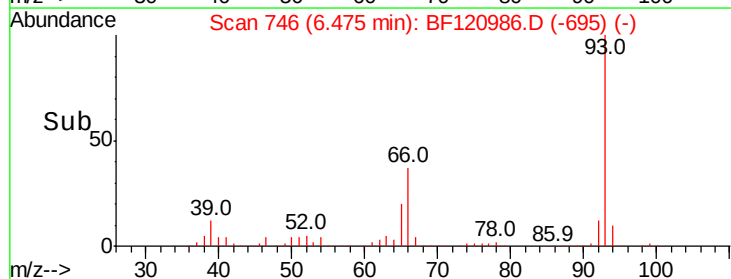
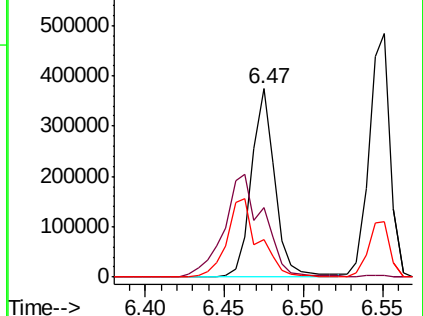


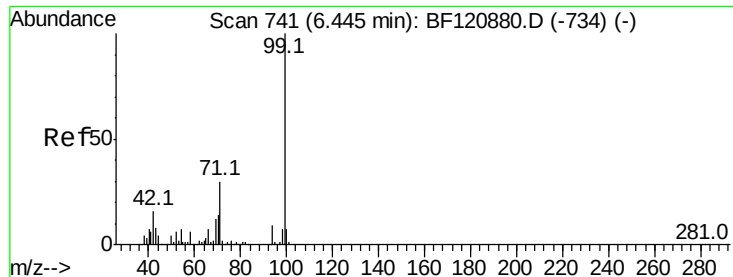
#6
 Aniline
 Concen: 23.335 ng
 RT: 6.47 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

Tgt Ion:	93	Resp:	385913
Ion	Ratio	Lower	Upper
93	100		
66	36.9	30.2	45.4
65	19.7	15.8	23.6



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: 77.684 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

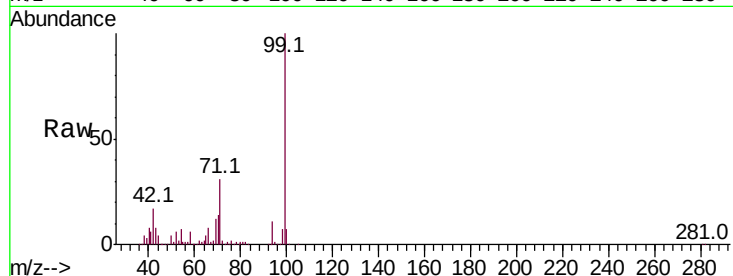
Tot Ion: 99 Resp: 984209

Ion Ratio Lower Upper

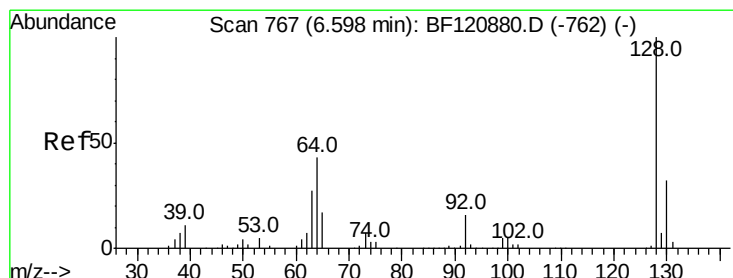
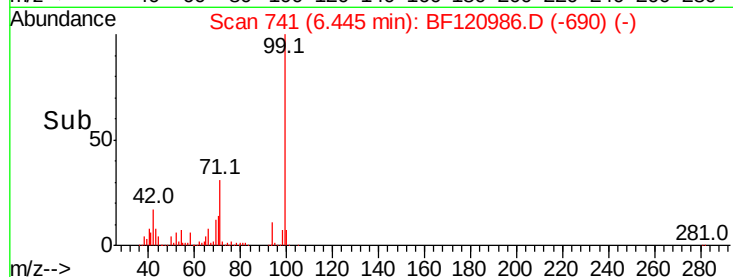
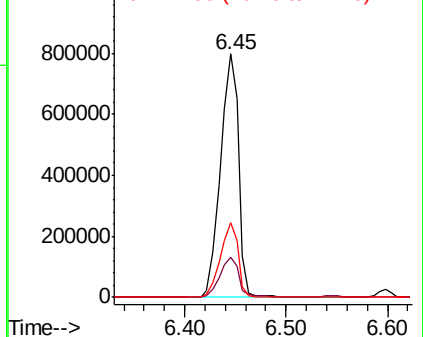
99 100

42 16.7 13.1 19.7

71 30.7 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: 44.155 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

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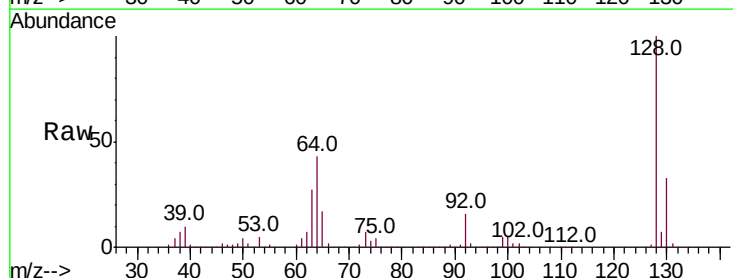
Tgt Ion: 128 Resp: 477079

Ion Ratio Lower Upper

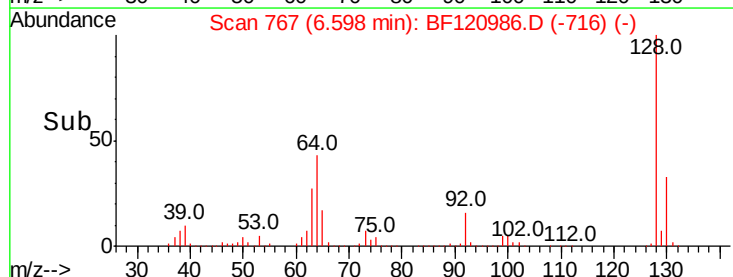
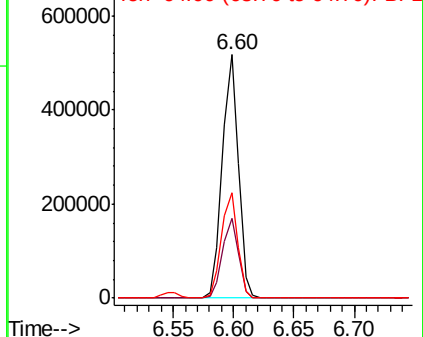
128 100

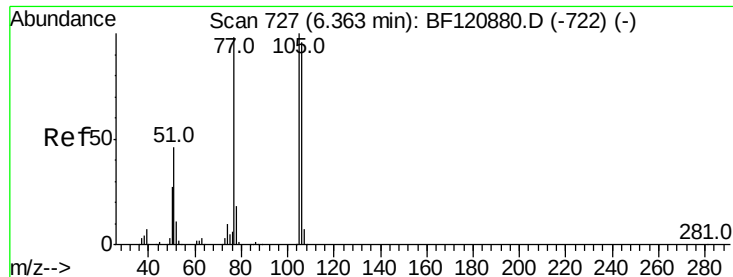
130 33.0 12.1 52.1

64 43.1 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 67.238 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampled :

VNJ-241MS

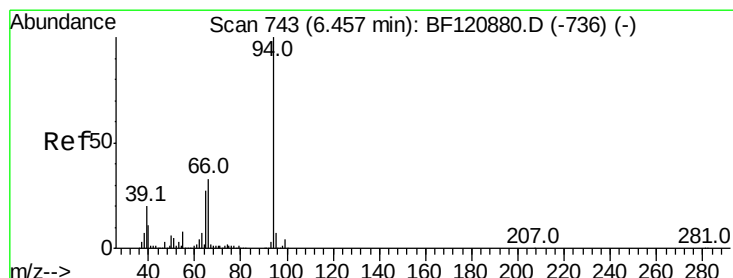
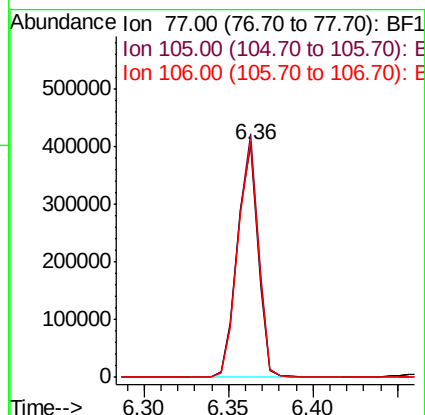
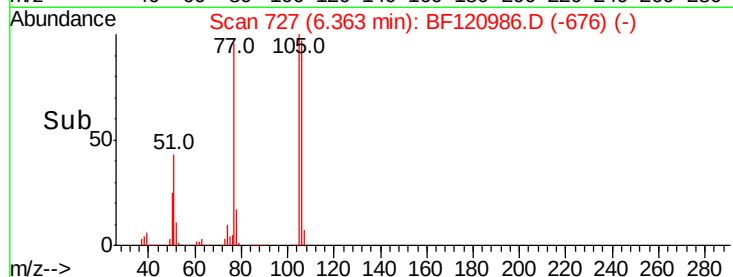
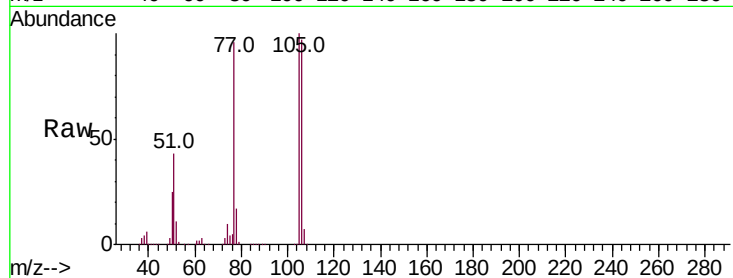
Tot Ion: 77 Resp: 344734

Ion Ratio Lower Upper

77 100

105 104.7 82.5 122.5

106 101.7 78.7 118.7



#10

Phenol

Concen: 41.428 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

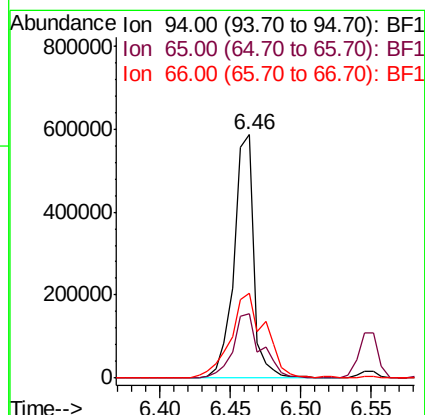
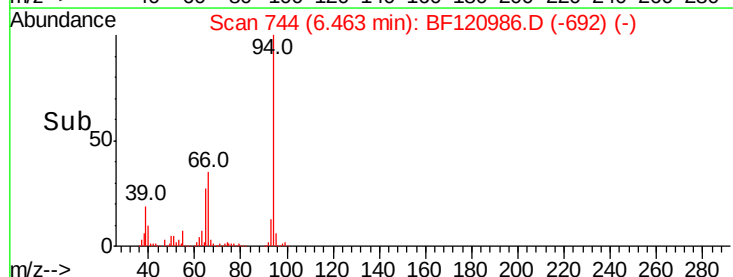
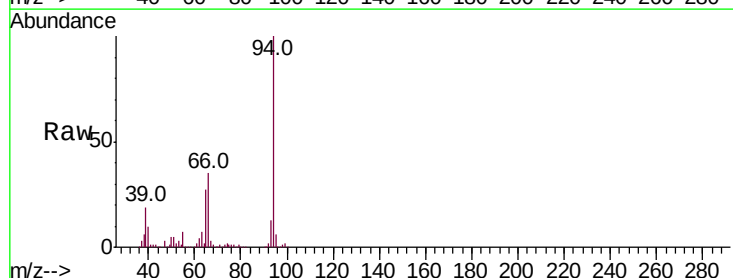
Tgt Ion: 94 Resp: 577366

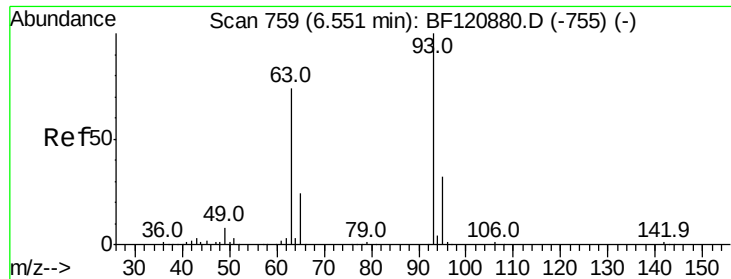
Ion Ratio Lower Upper

94 100

65 26.7 6.6 46.6

66 34.9 13.2 53.2

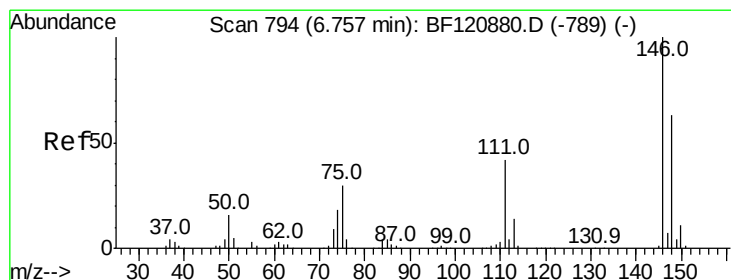
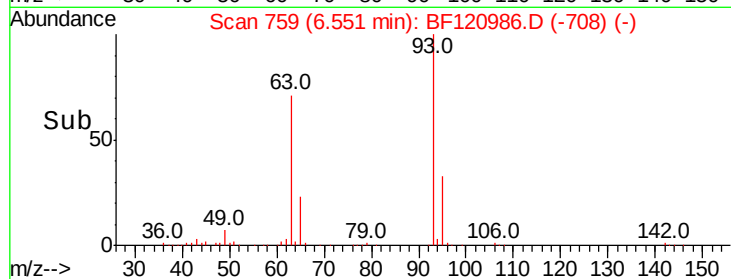
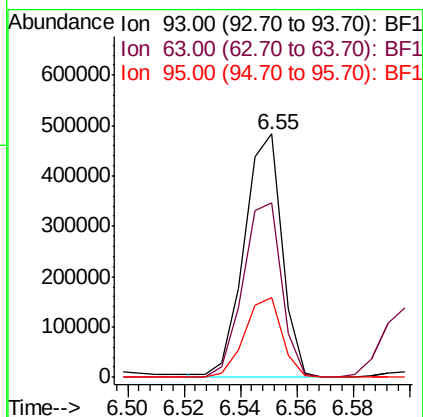
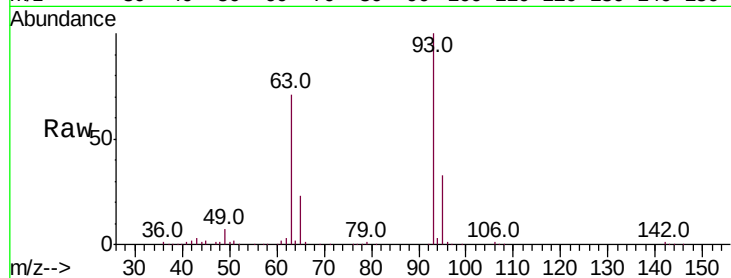




#11
bis(2-Chloroethyl)ether
Concen: 41.809 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

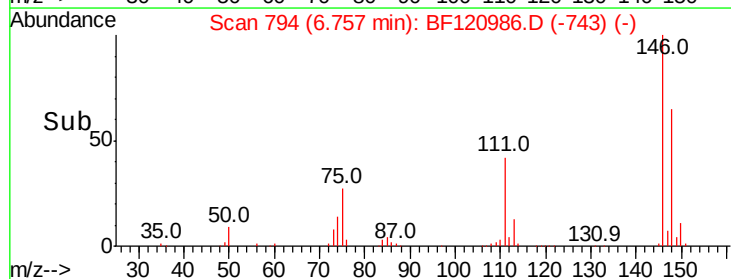
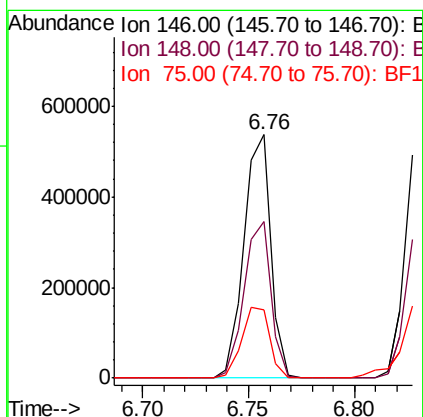
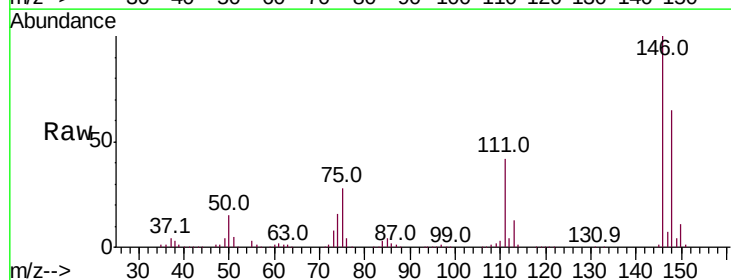
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

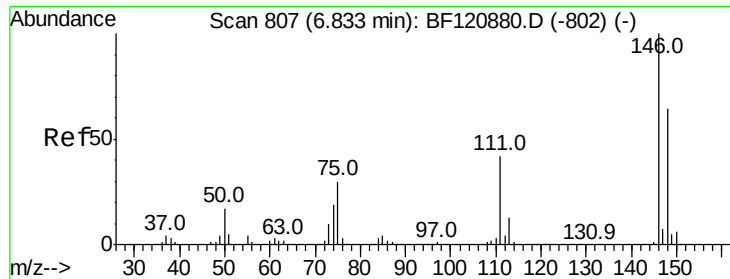
Tot Ion: 93 Resp: 446553
Ion Ratio Lower Upper
93 100
63 71.5 54.2 94.2
95 32.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 40.556 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion: 146 Resp: 475158
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 28.1 24.1 36.1

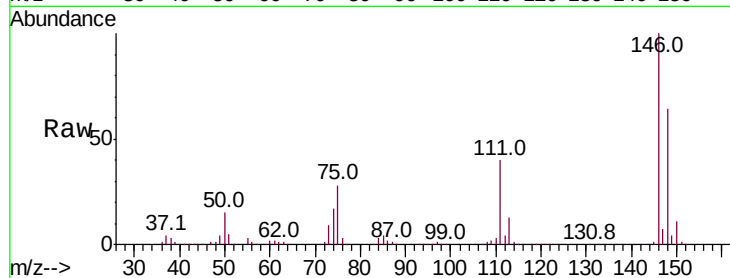




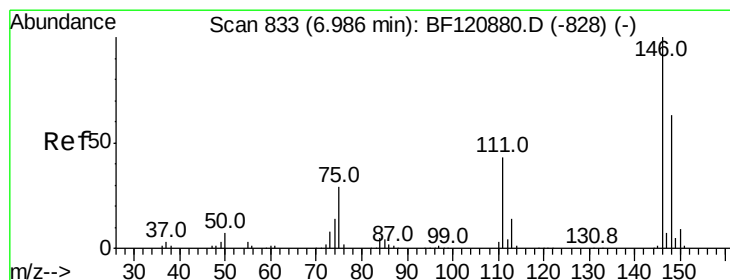
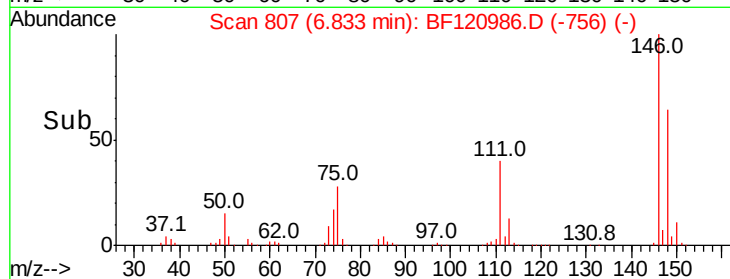
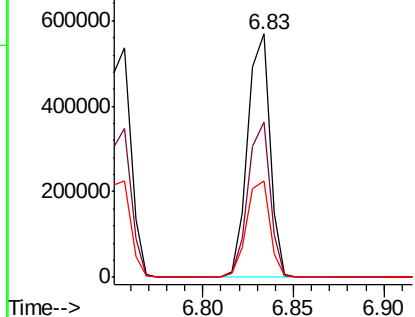
#13
 1,4-Dichlorobenzene
 Concen: 42.032 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MS

Tot Ion:146 Resp: 489680
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.6 77.4
 111 39.7 33.5 50.3

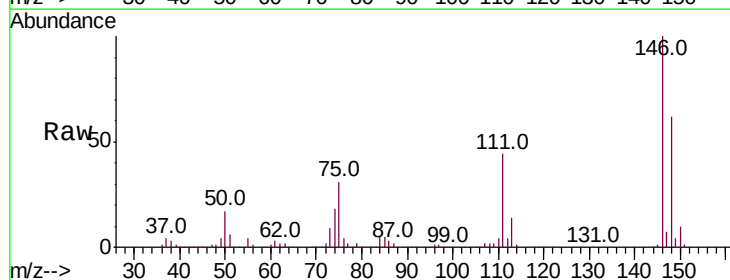


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

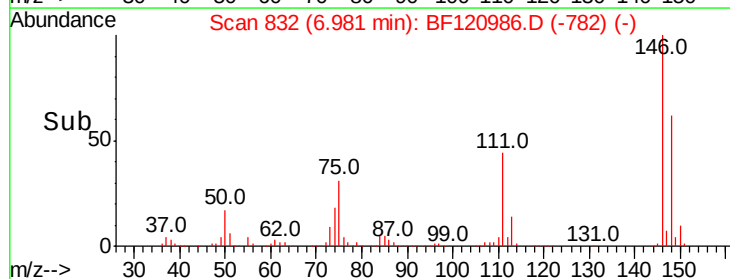
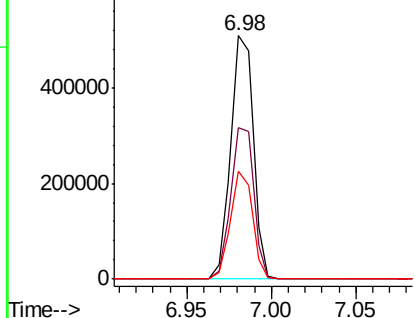


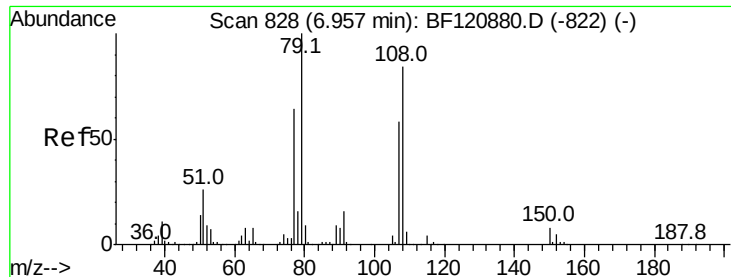
#14
 1,2-Dichlorobenzene
 Concen: 42.732 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

Tgt Ion:146 Resp: 470969
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.6 76.0
 111 44.1 34.2 51.2



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: 42.187 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampled :

VNJ-241MS

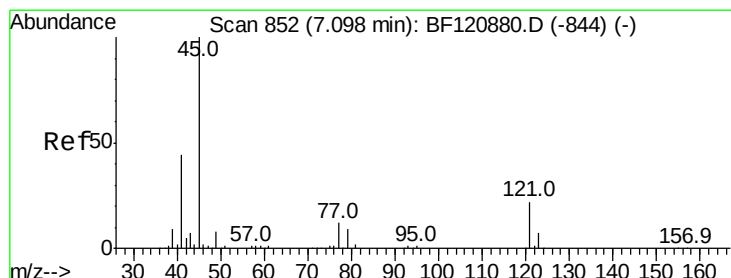
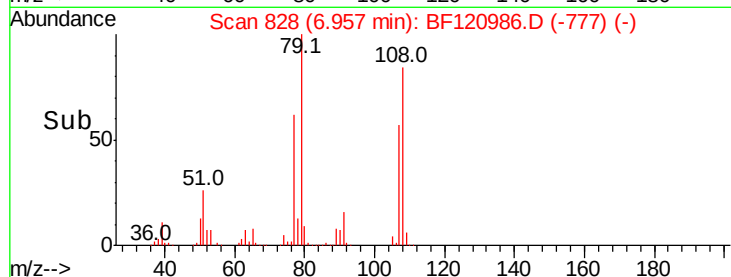
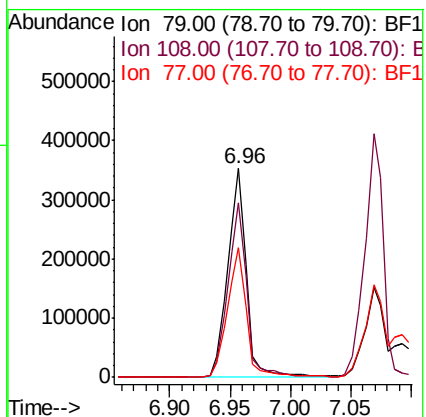
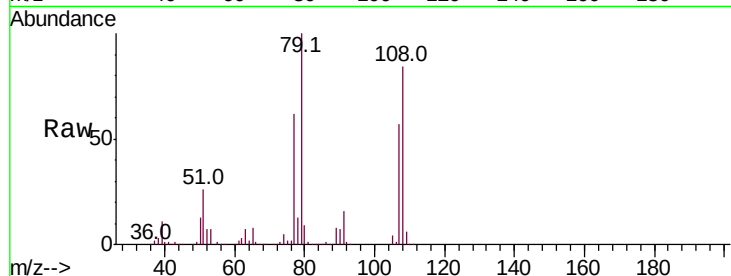
Tot Ion: 79 Resp: 377981

Ion Ratio Lower Upper

79 100

108 83.9 67.0 100.6

77 62.3 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.690 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

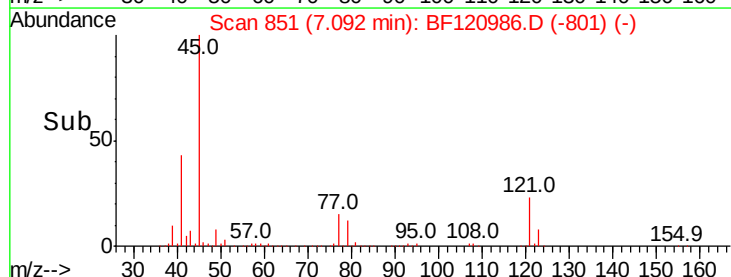
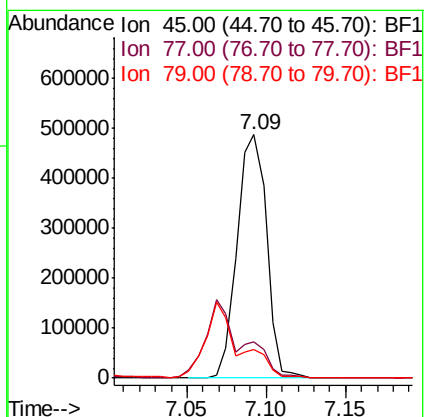
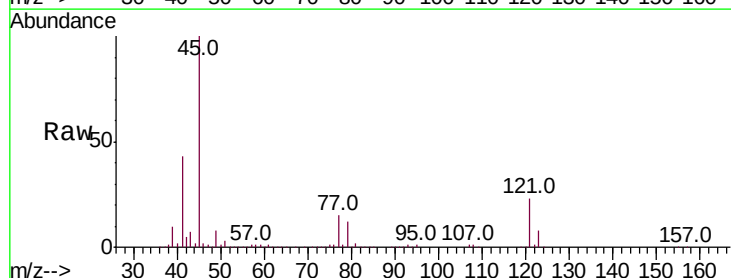
Tgt Ion: 45 Resp: 626423

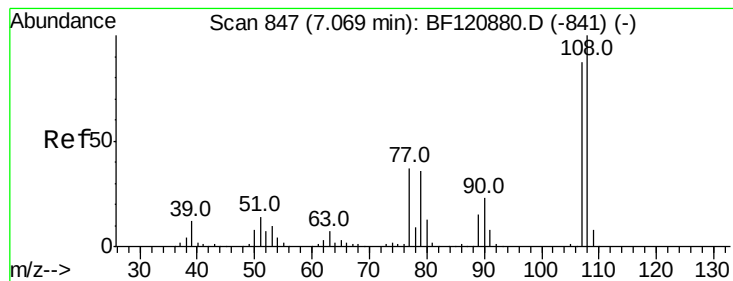
Ion Ratio Lower Upper

45 100

77 14.8 0.0 34.3

79 11.7 0.0 31.0

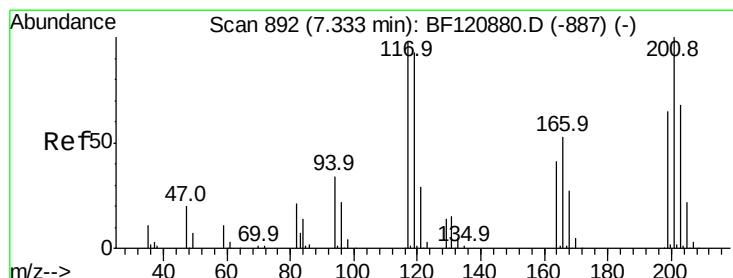
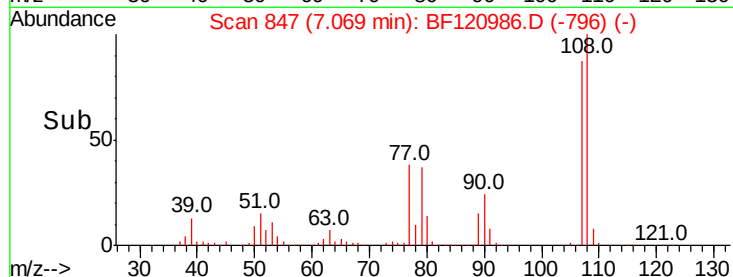
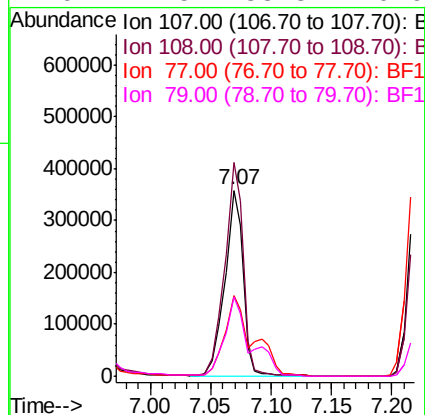
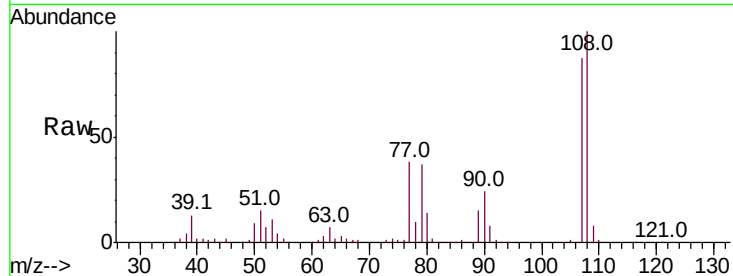




#17
2-Methylphenol
Concen: 39.349 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

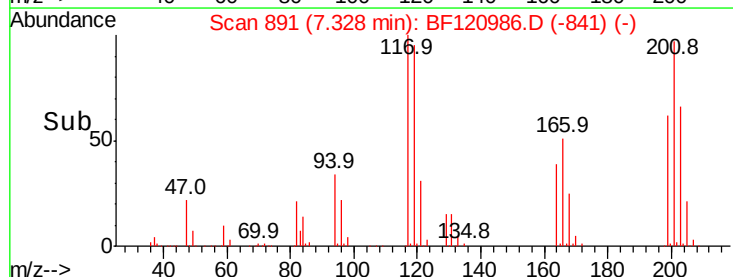
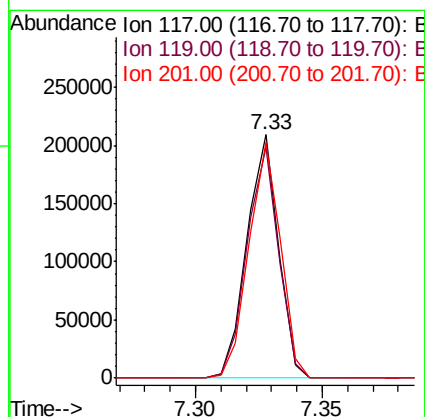
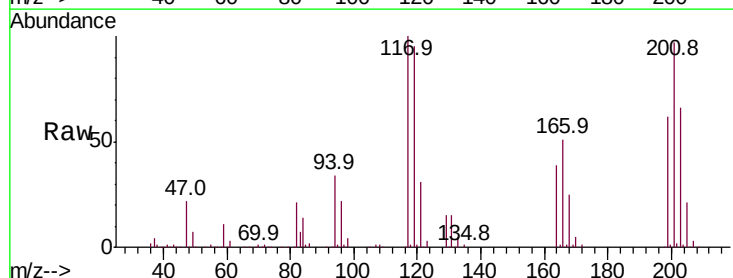
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

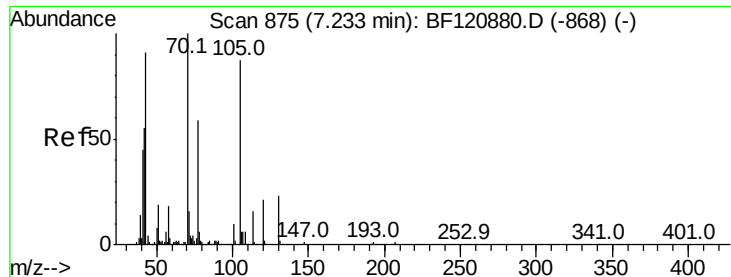
Tot Ion:	107	Resp:	376831
Ion	Ratio	Lower	Upper
107	100		
108	114.8	92.0	138.0
77	43.6	34.0	51.0
79	42.5	33.3	49.9



#18
Hexachloroethane
Concen: 43.039 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion:	117	Resp:	181478
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.0	114.0
201	96.8	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 40.840 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

Tot Ion: 70 Resp: 294224

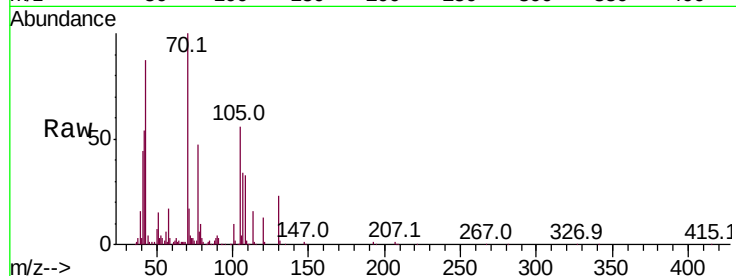
Ion Ratio Lower Upper

70 100

42 53.6 44.0 66.0

101 10.0 7.8 11.6

130 23.3 18.7 28.1

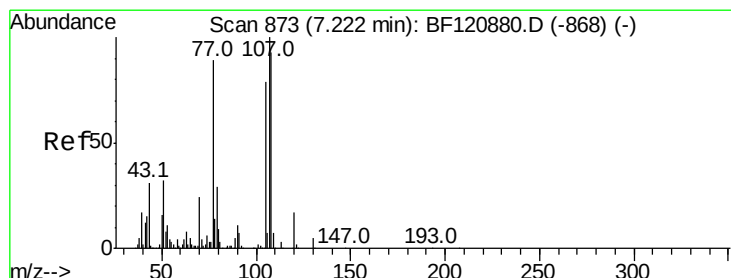
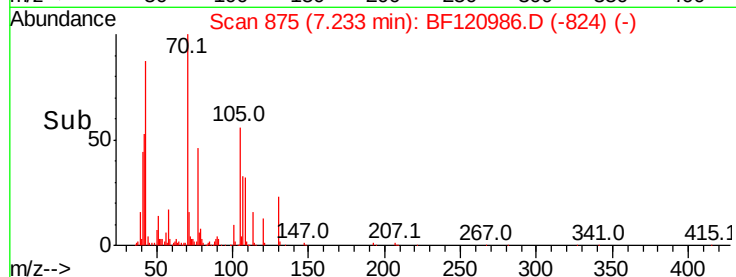
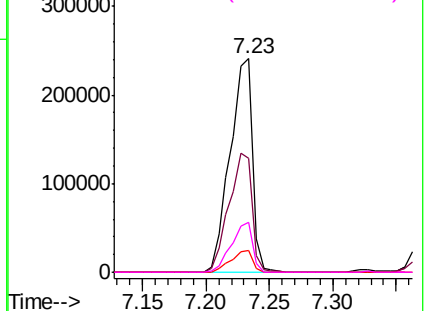


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 34.940 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Tgt Ion: 107 Resp: 425650

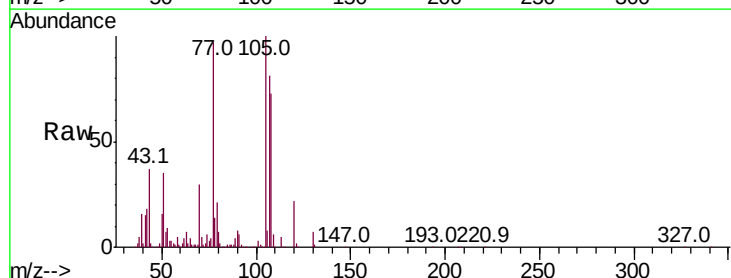
Ion Ratio Lower Upper

107 100

108 89.6 72.8 112.8

77 120.2 68.7 108.7#

79 26.1 8.5 48.5

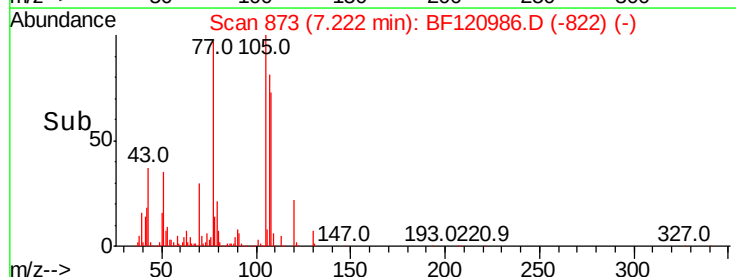
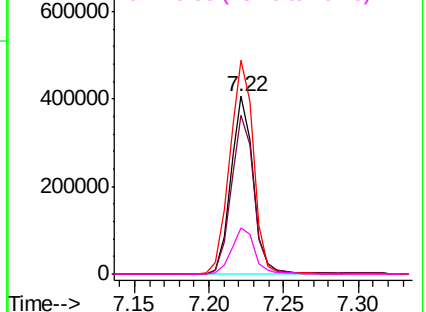


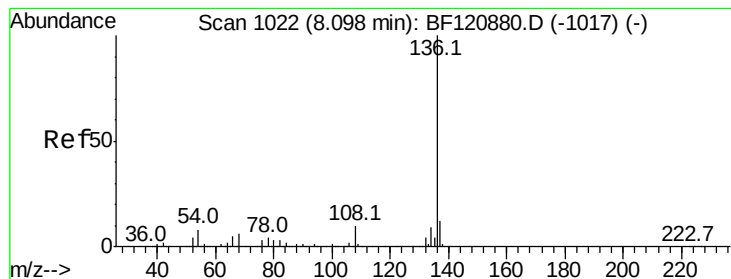
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

Tot Ion:136 Resp: 612722

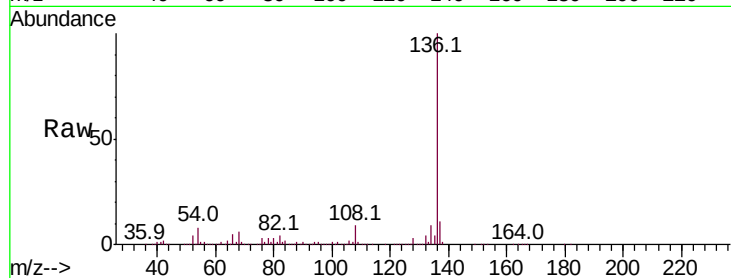
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.6 6.3 9.5

68 6.2 5.0 7.4



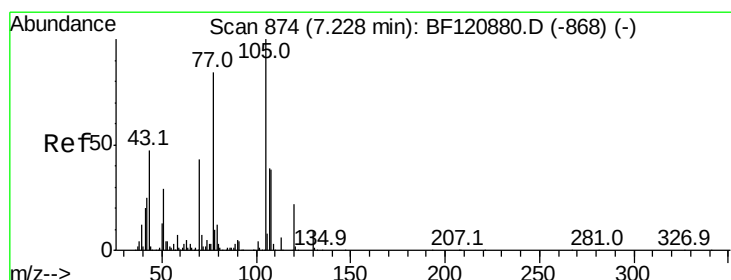
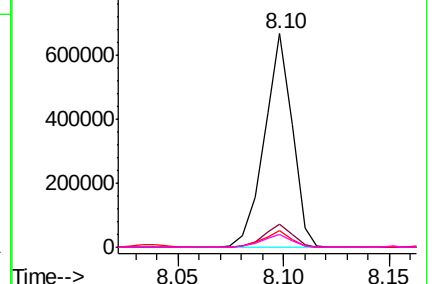
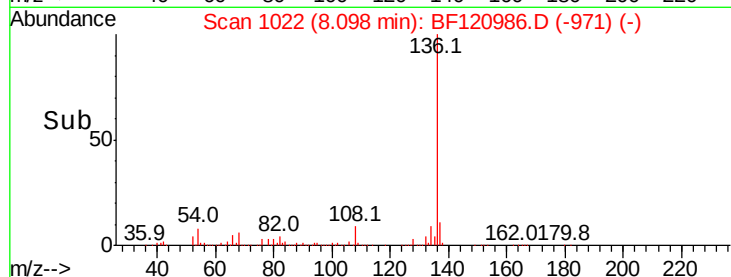
Abundance

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: 42.201 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Tgt Ion:105 Resp: 580313

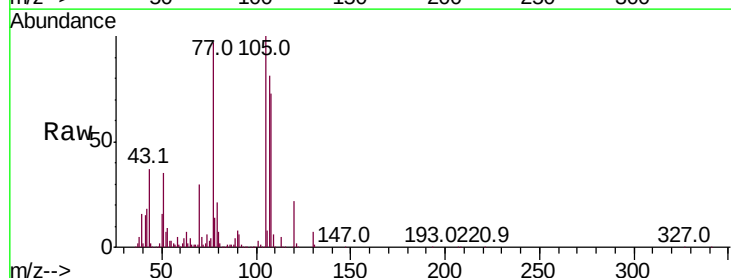
Ion Ratio Lower Upper

105 100

71 5.2 5.7 8.5#

51 34.9 22.9 34.3#

120 22.2 18.0 27.0



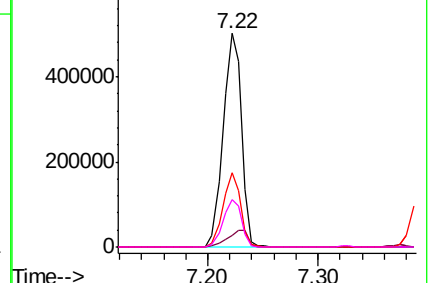
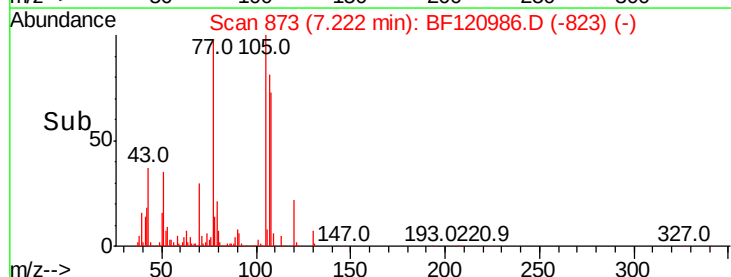
Abundance

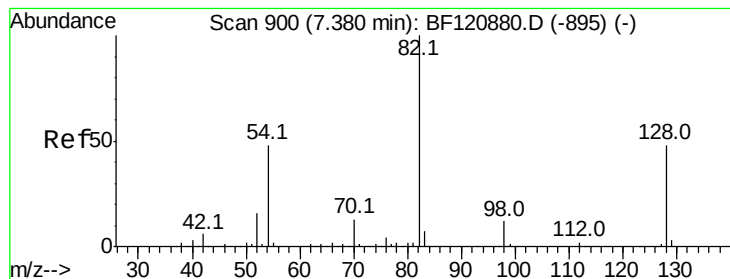
Ion 105.00 (104.70 to 105.70): E

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: 57.547 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

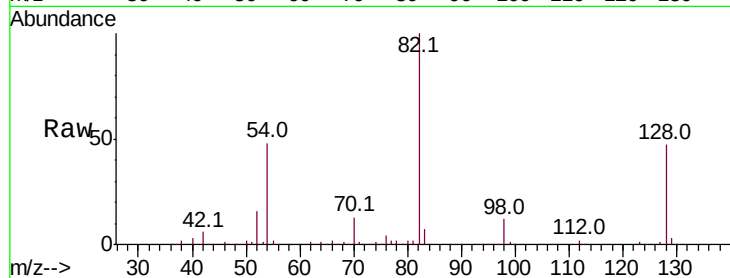
Tot Ion: 82 Resp: 609377

Ion Ratio Lower Upper

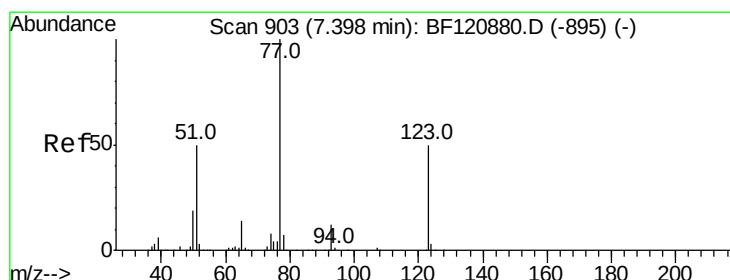
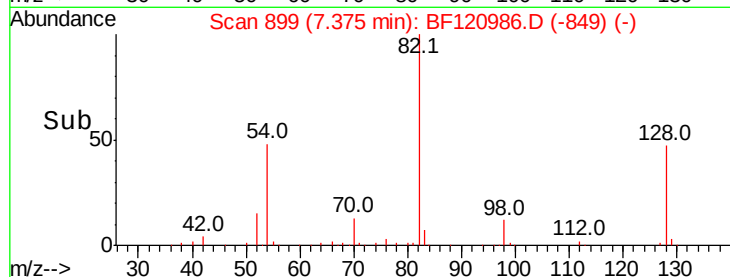
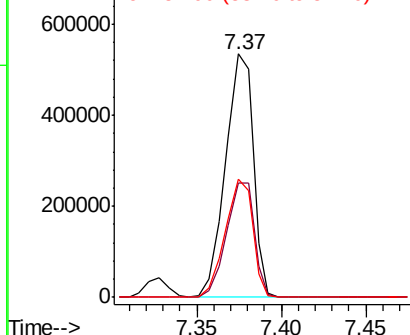
82 100

128 46.9 38.2 57.4

54 48.3 38.7 58.1



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



#24

Nitrobenzene

Concen: 40.993 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

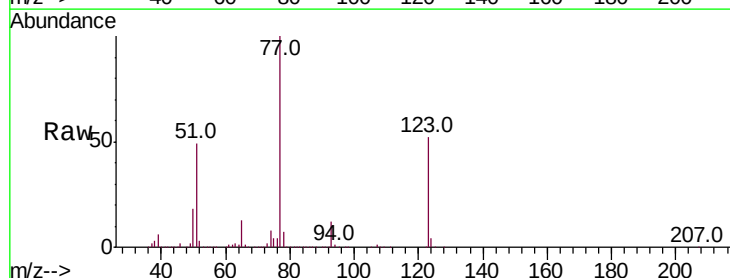
Tgt Ion: 77 Resp: 467852

Ion Ratio Lower Upper

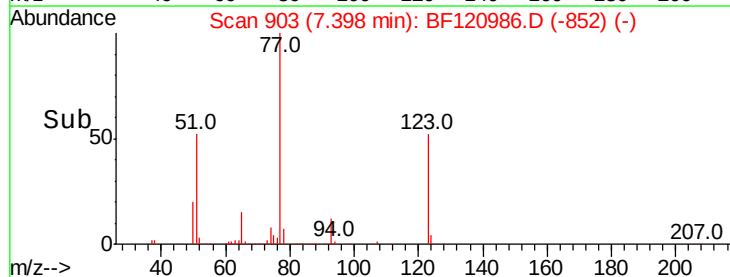
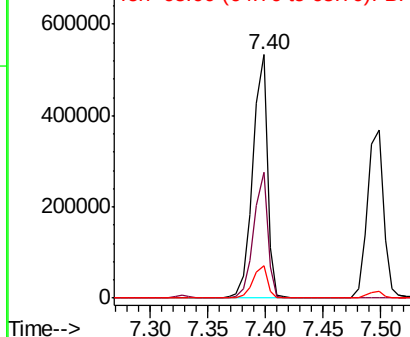
77 100

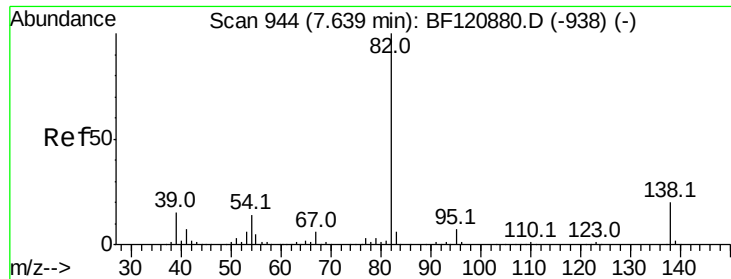
123 51.7 40.1 60.1

65 13.2 10.8 16.2



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

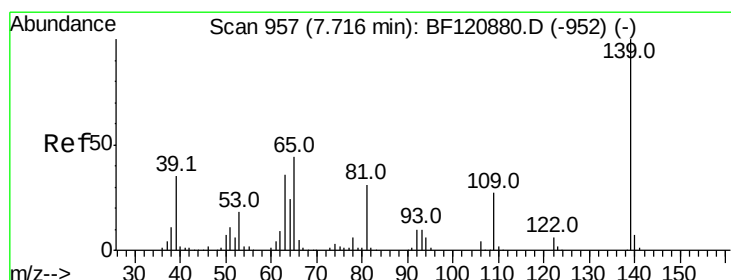
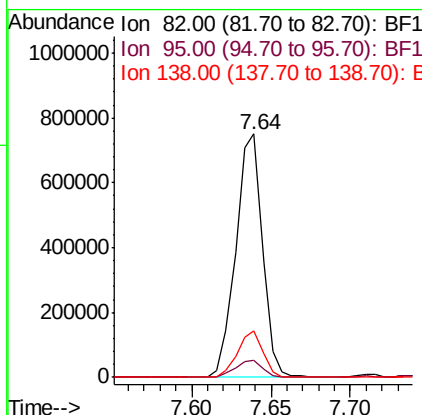
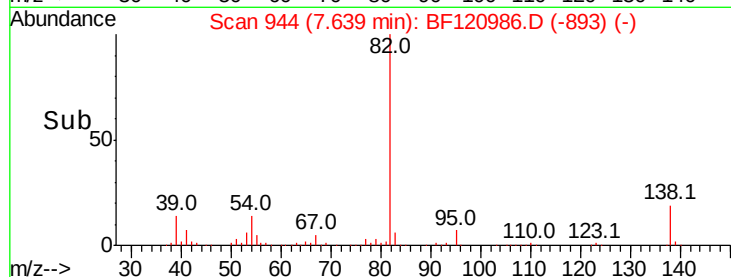
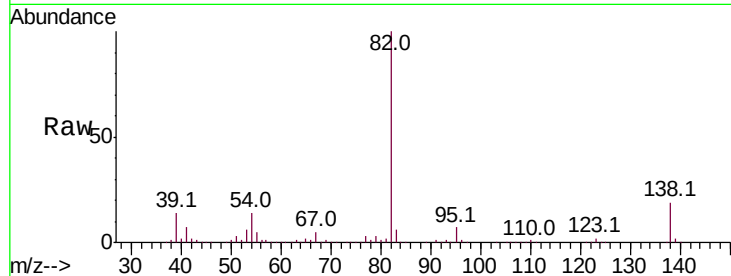




#25
Isophorone
Concen: 41.224 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

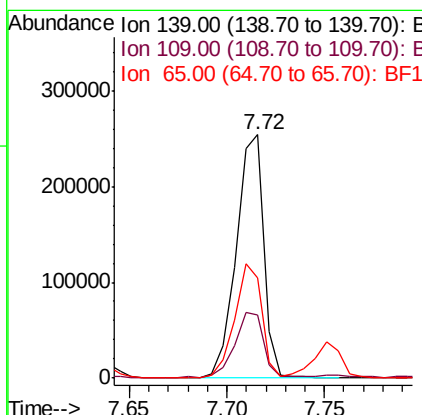
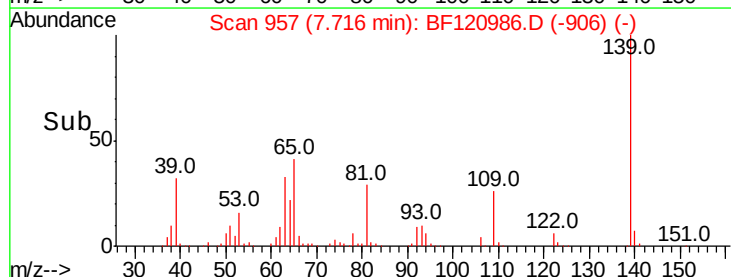
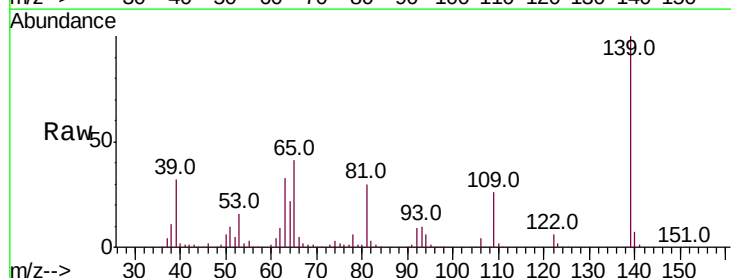
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

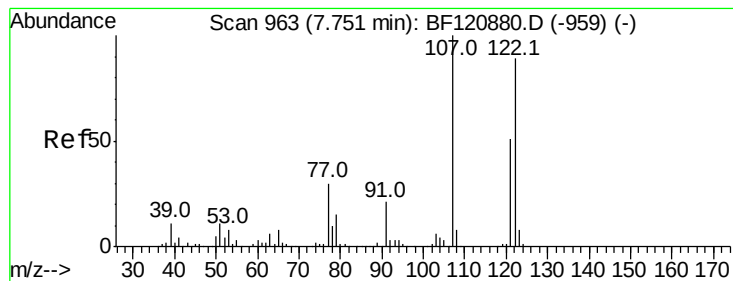
Tot Ion: 82 Resp: 871213
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.2 15.6 23.4



#26
2-Nitrophenol
Concen: 45.832 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion: 139 Resp: 248429
Ion Ratio Lower Upper
139 100
109 25.8 21.6 32.4
65 41.0 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 46.427 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

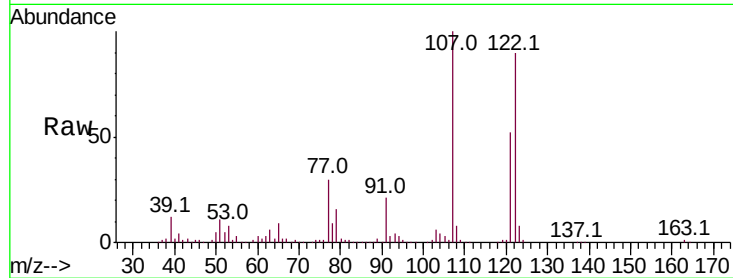
Tot Ion:122 Resp: 408591

Ion Ratio Lower Upper

122 100

107 110.6 89.4 134.0

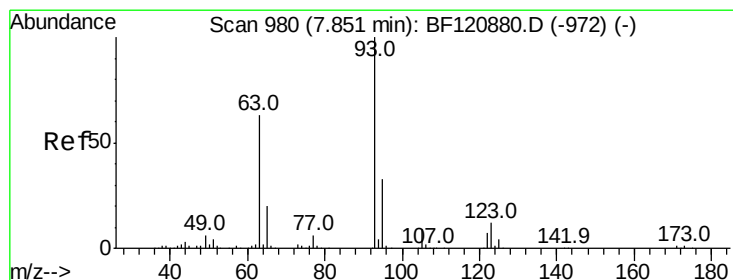
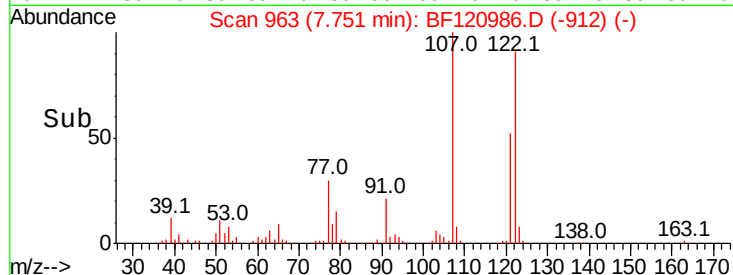
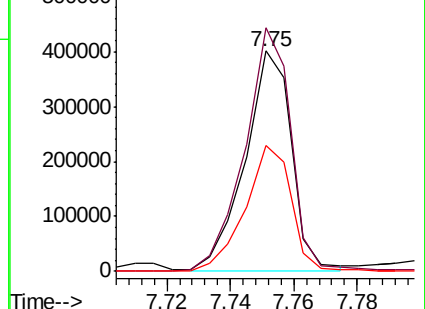
121 57.4 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.897 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

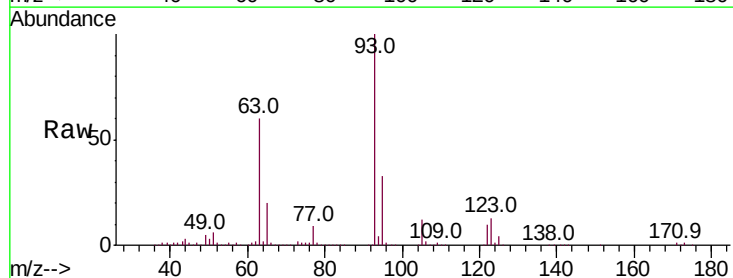
Tgt Ion: 93 Resp: 553388

Ion Ratio Lower Upper

93 100

95 32.8 26.6 39.8

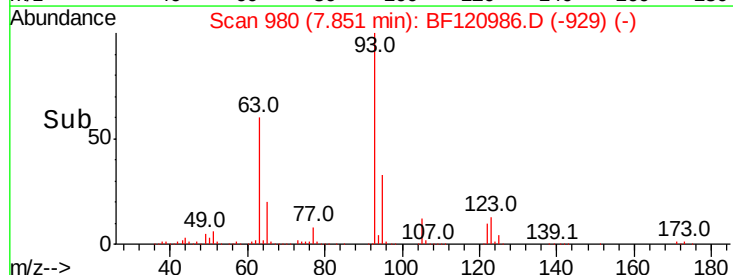
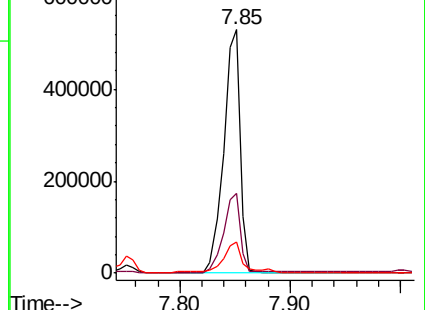
123 12.8 10.0 15.0

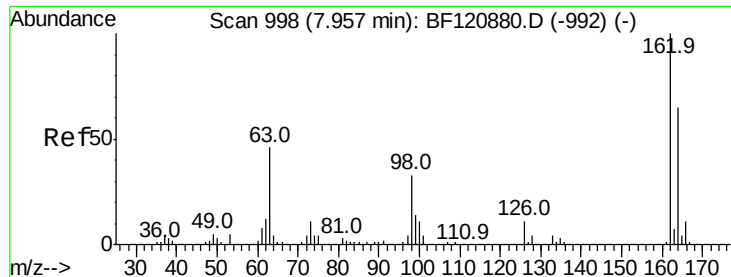


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

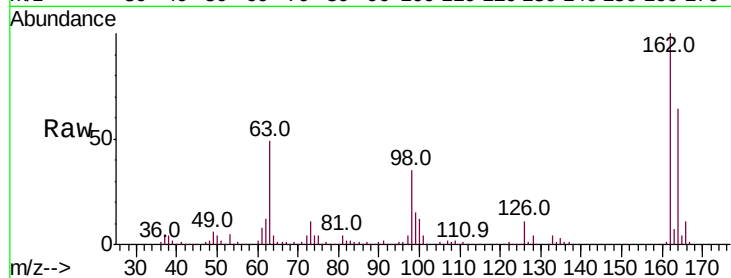




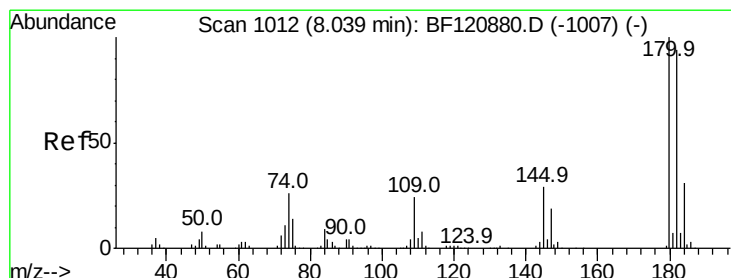
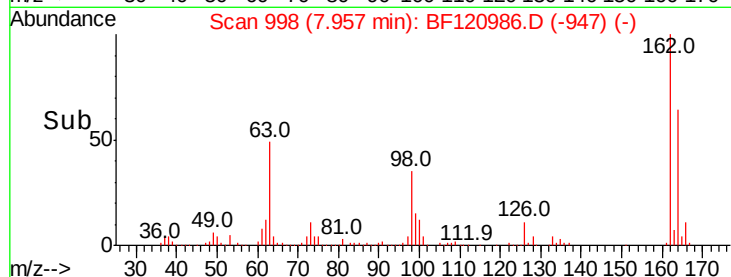
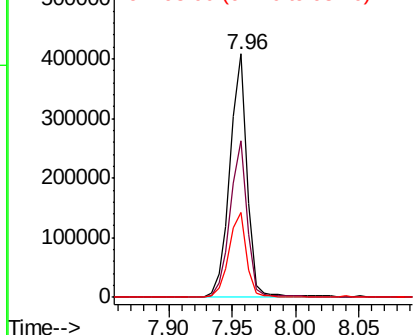
#29
 2,4-Dichlorophenol
 Concen: 42.907 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	45.3	85.3
98	34.7	13.3	53.3

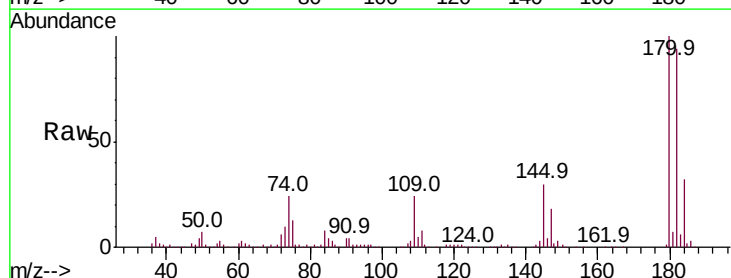


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

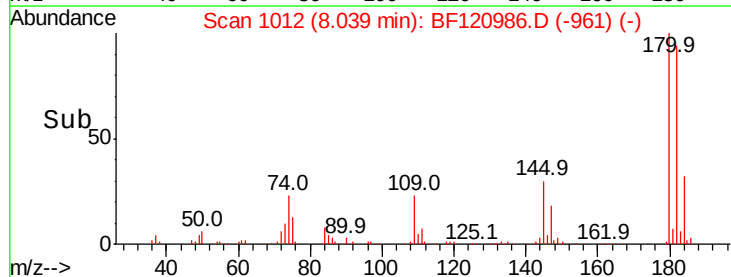
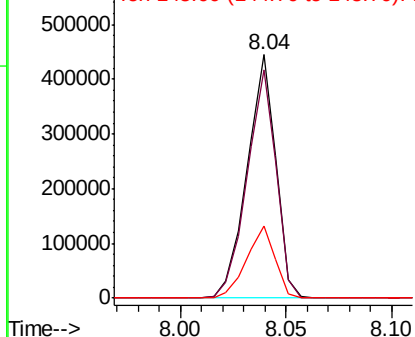


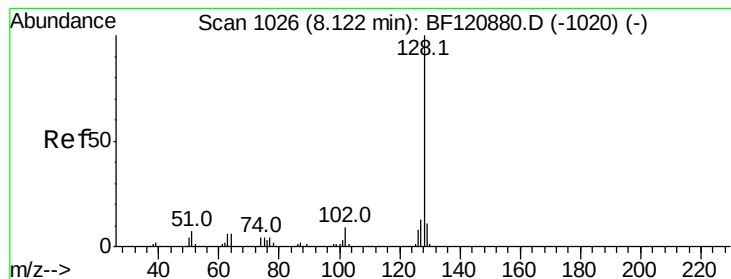
#30
 1,2,4-Trichlorobenzene
 Concen: 42.089 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.6
145	29.6	23.5	35.3



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: 40.852 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

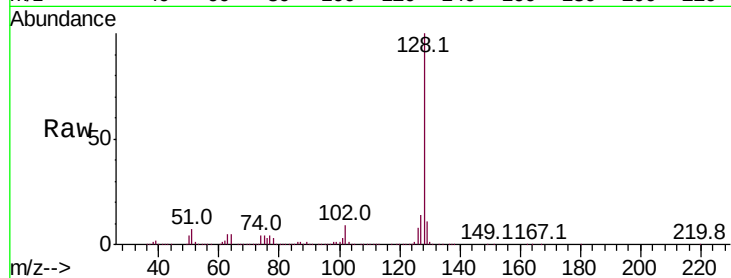
Tot Ion:128 Resp: 1283959

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

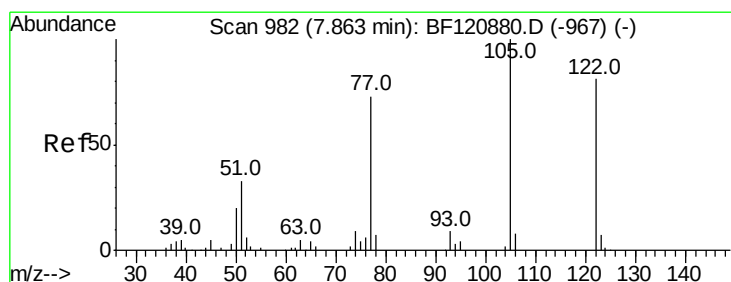
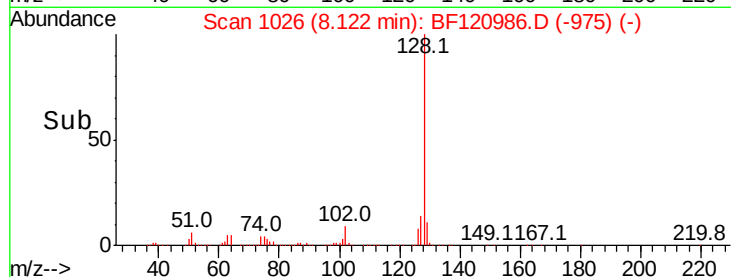
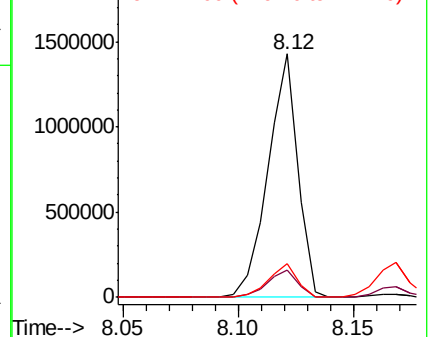
127 13.6 10.7 16.1



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: 46.145 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

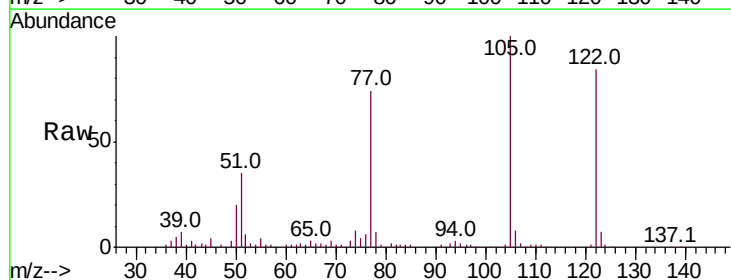
Tgt Ion:122 Resp: 304847

Ion Ratio Lower Upper

122 100

105 118.4 101.3 141.3

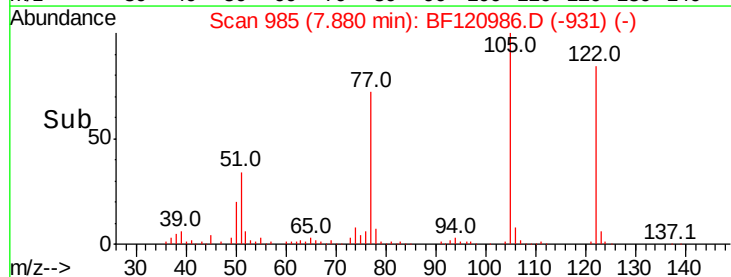
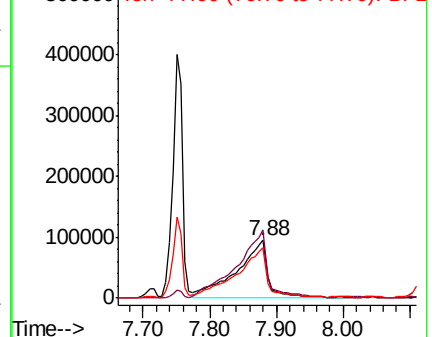
77 87.1 69.1 109.1

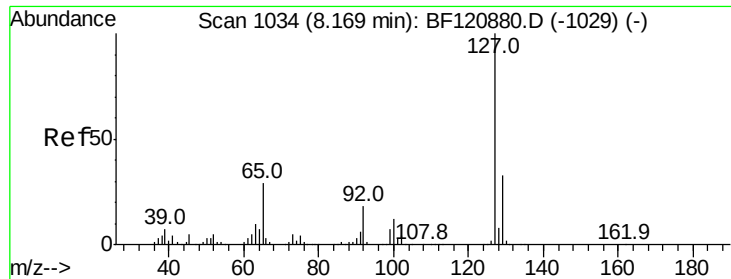


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

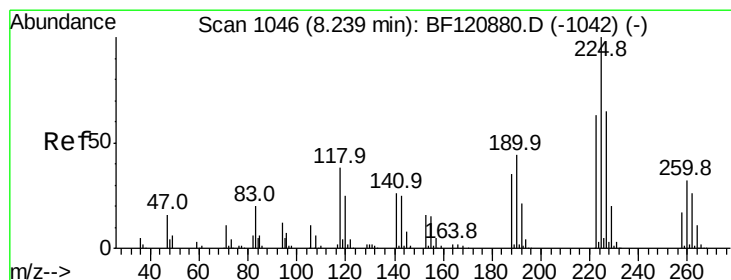
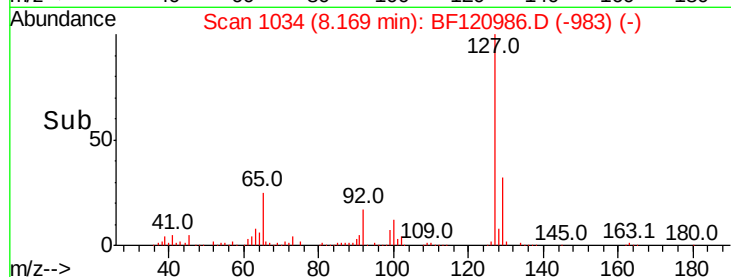
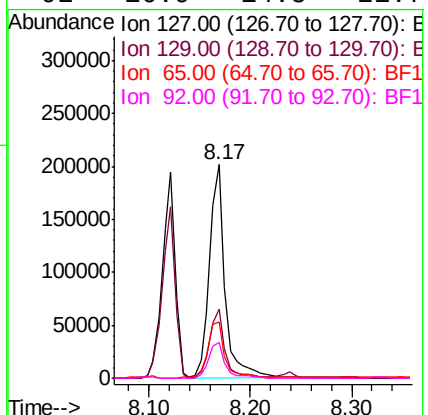
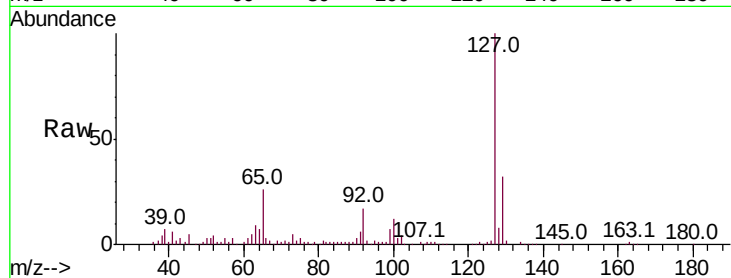




#33
4-Chloroaniline
Concen: 15.506 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

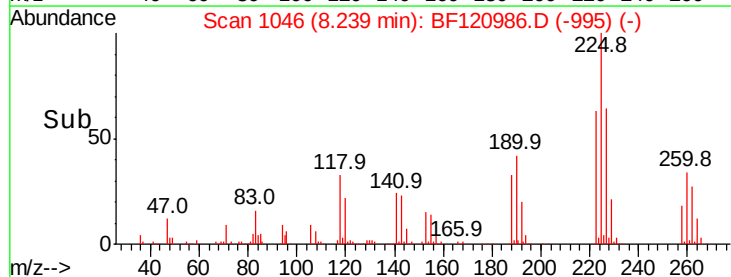
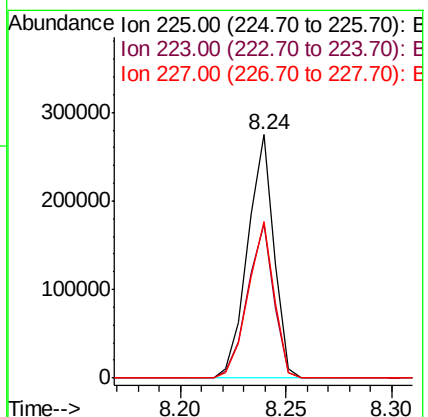
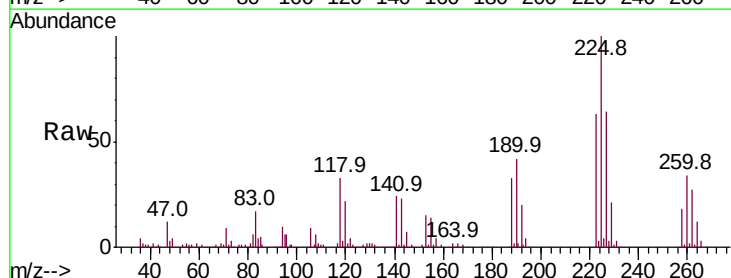
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

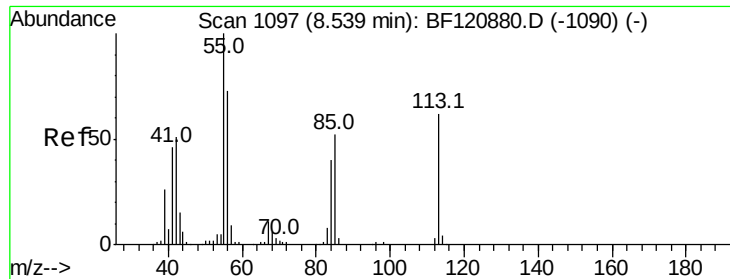
Tot Ion:127	Resp:	217397	
Ion Ratio	Lower	Upper	
127 100			
129 32.2	26.5	39.7	
65 26.3	23.0	34.4	
92 16.9	14.5	21.7	



#34
Hexachlorobutadiene
Concen: 40.428 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion	225	Resp: Lower	237787 Upper
	Ratio		
225	100		
223	63.3	50.6	76.0
227	64.1	52.2	78.2





#35

Caprolactam

Concen: 41.622 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

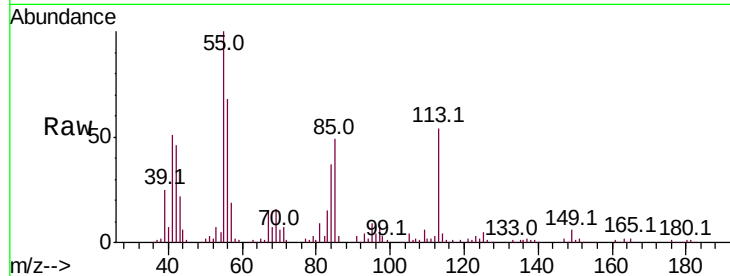
Tot Ion:113 Resp: 120035

Ion Ratio Lower Upper

113 100

55 185.0 143.3 183.3#

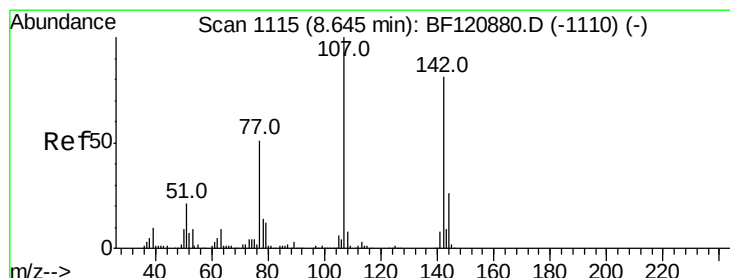
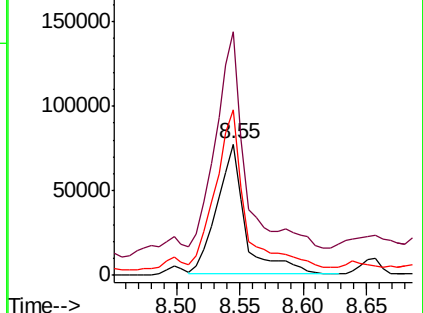
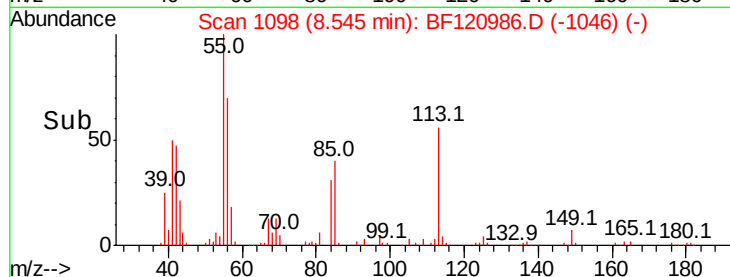
56 126.0 99.4 139.4



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: 43.317 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

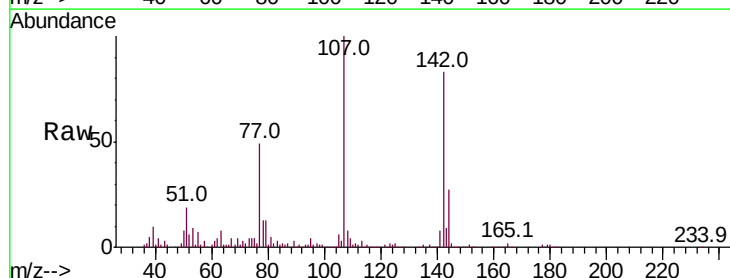
Tgt Ion:107 Resp: 399516

Ion Ratio Lower Upper

107 100

144 27.3 21.0 31.6

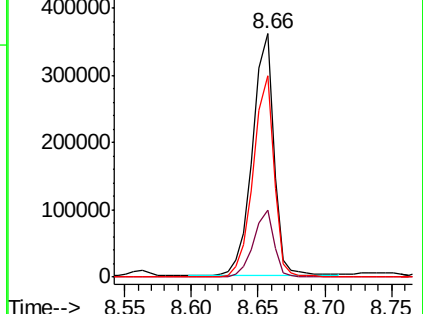
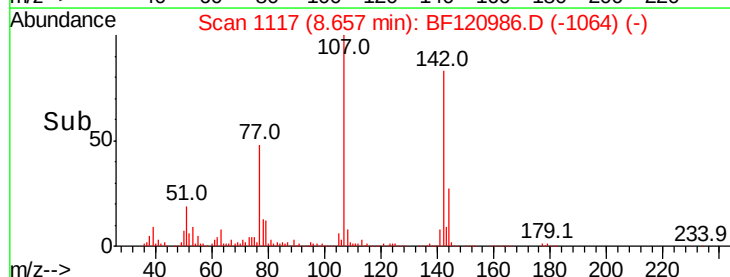
142 82.9 65.0 97.6

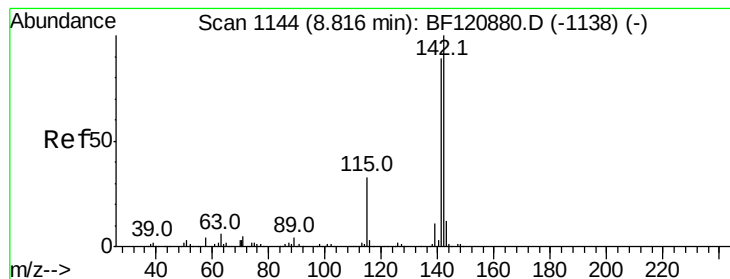


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.835 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

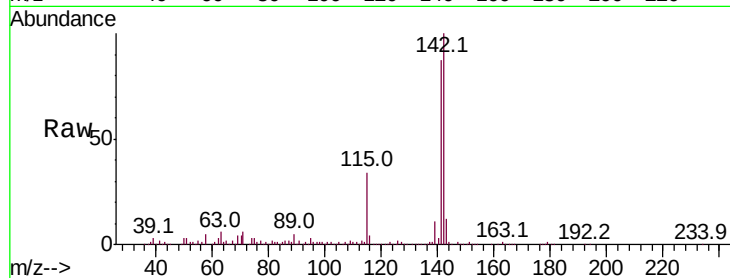
Tot Ion:142 Resp: 853742

Ion Ratio Lower Upper

142 100

141 87.3 71.0 106.4

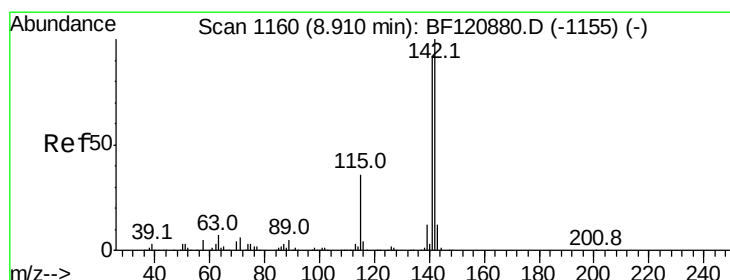
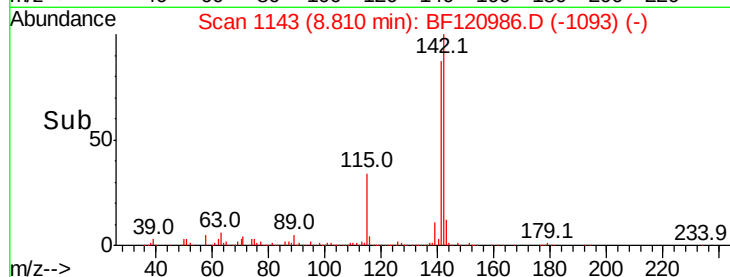
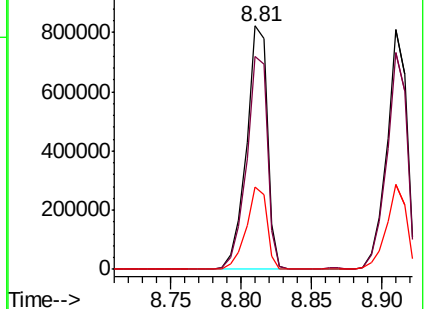
115 34.1 26.0 39.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.314 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

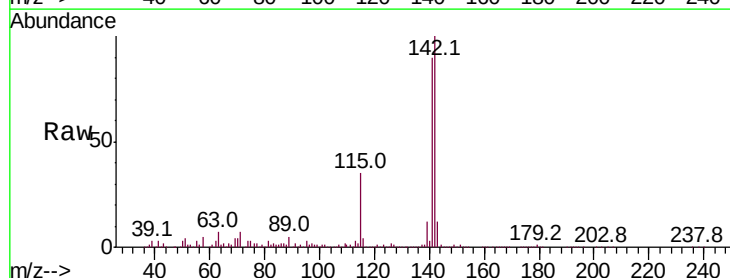
Tgt Ion:142 Resp: 798506

Ion Ratio Lower Upper

142 100

141 90.2 73.7 110.5

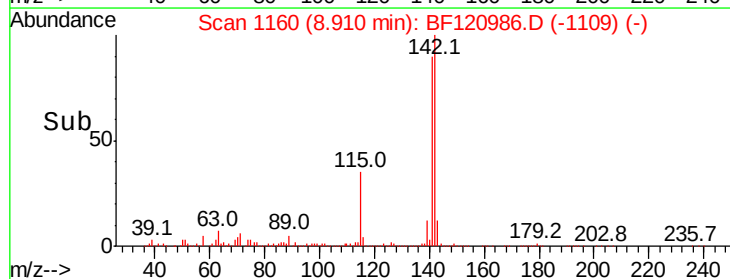
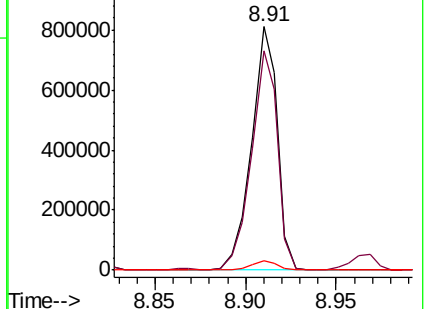
116 3.7 3.0 4.6

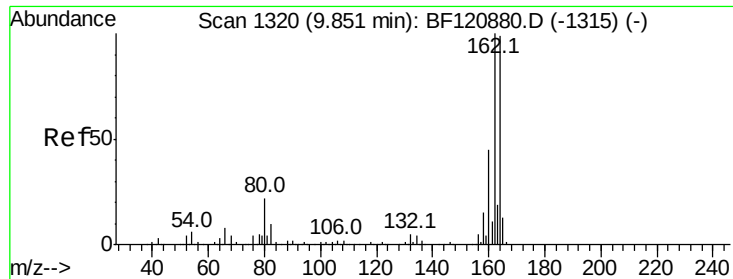


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

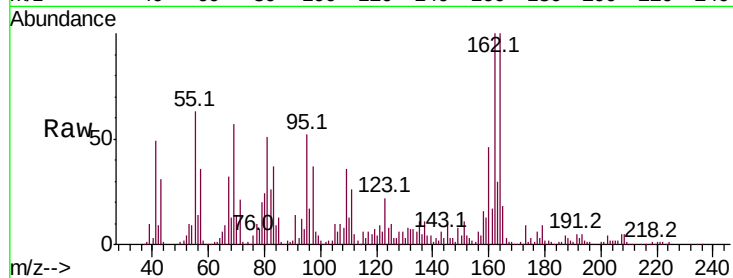




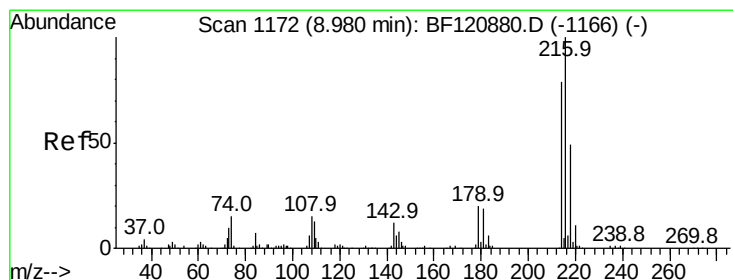
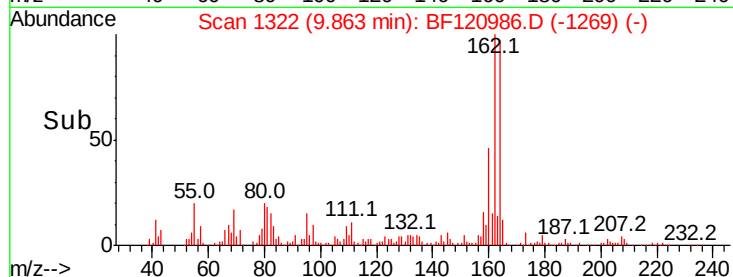
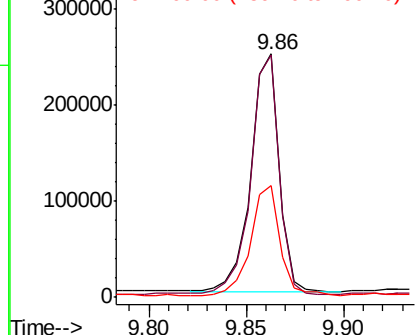
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

Tot Ion:164 Resp: 246798
Ion Ratio Lower Upper
164 100
162 99.8 81.2 121.8
160 45.8 36.9 55.3

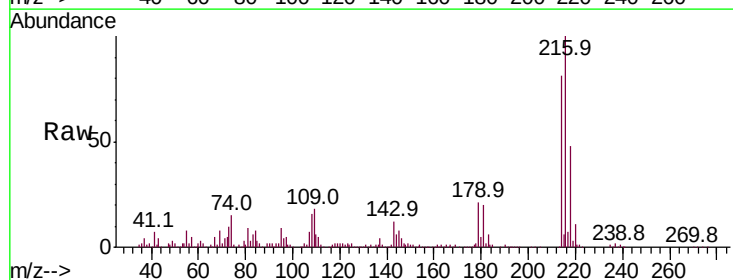


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

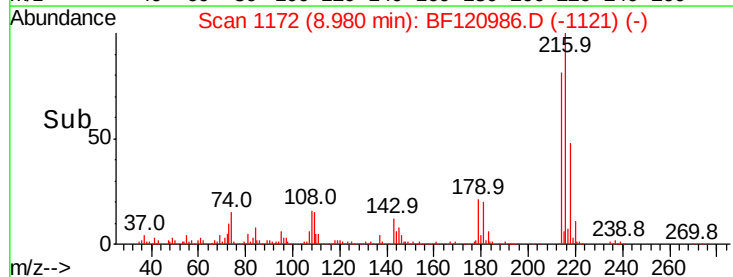
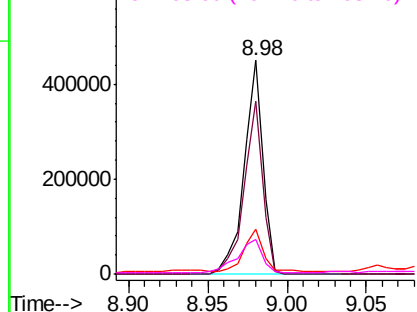


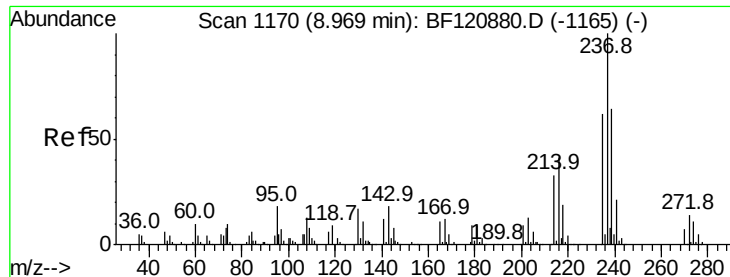
#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.249 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion:216 Resp: 368512
Ion Ratio Lower Upper
216 100
214 80.0 63.8 95.8
179 20.9 16.6 24.8
108 21.3 15.4 23.0



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

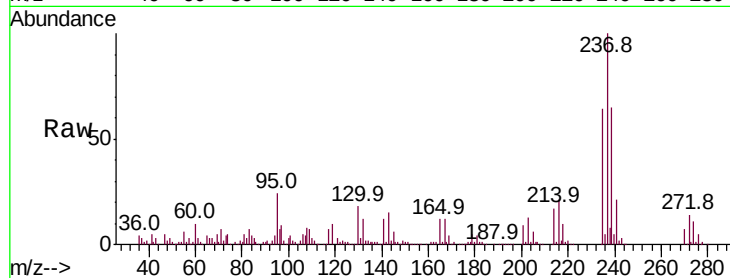




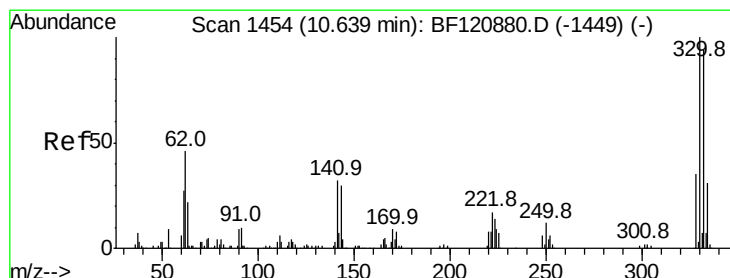
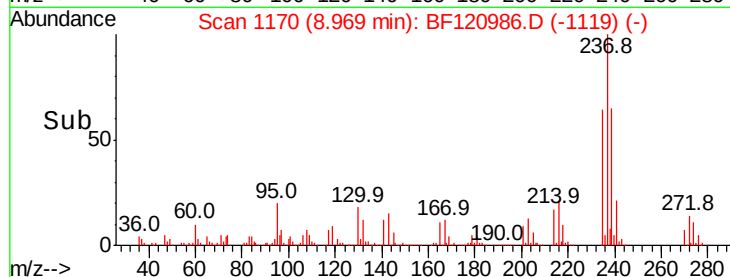
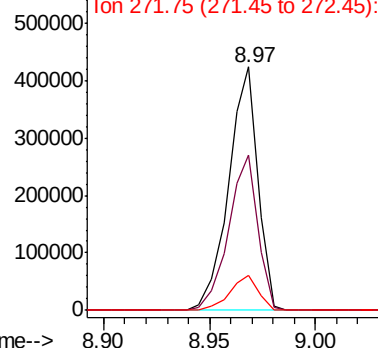
#41
Hexachlorocyclopentadiene
Concen: 102.910 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.8	41.6	81.6
272	14.4	0.0	33.7

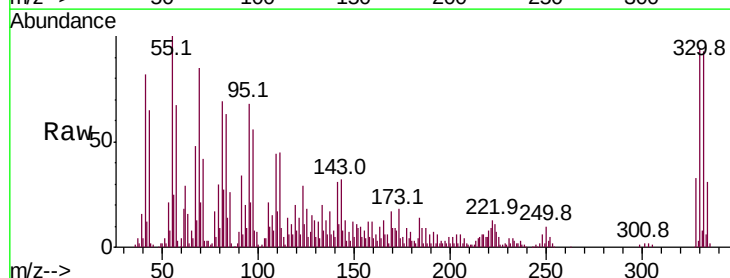


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

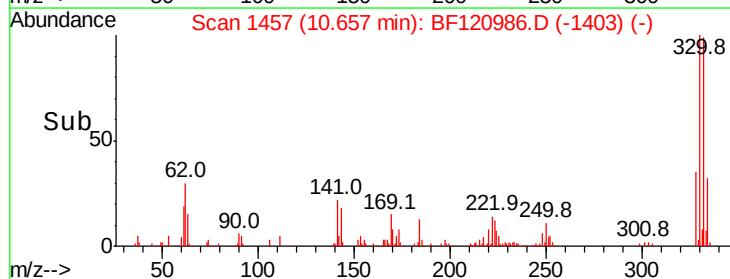
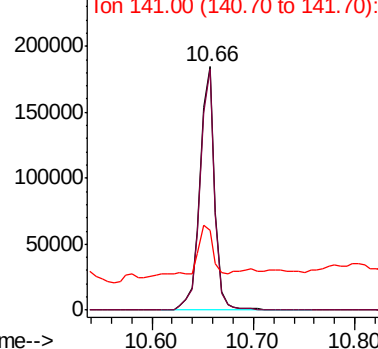


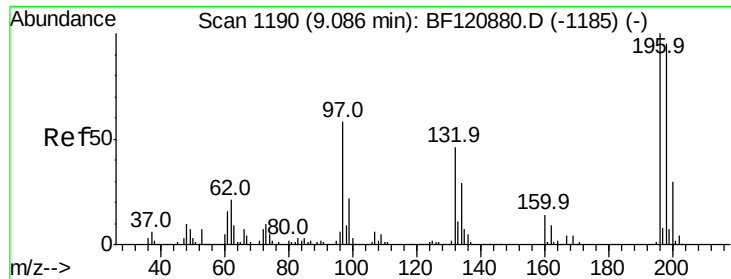
#42
2,4,6-Tribromophenol
Concen: 69.188 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.02 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	75.5	113.3
141	26.2	25.7	38.5



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

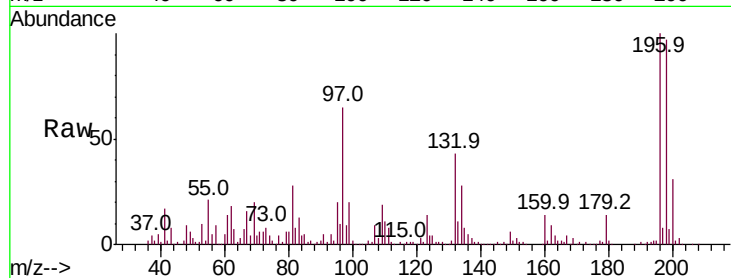




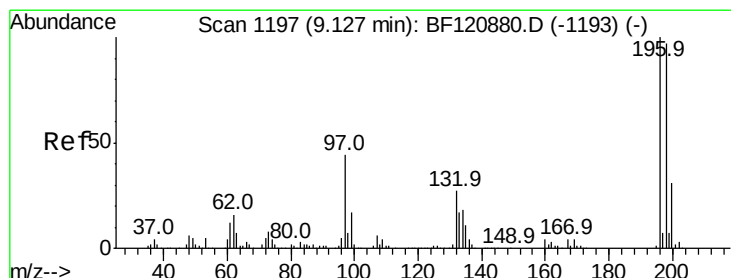
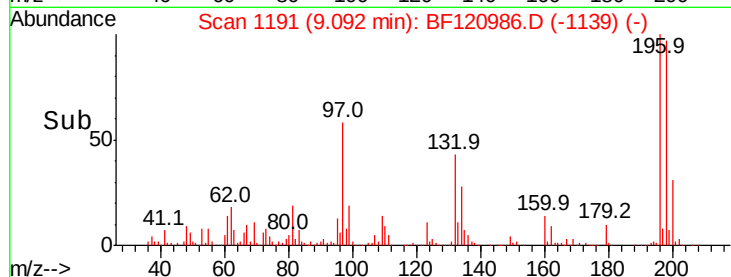
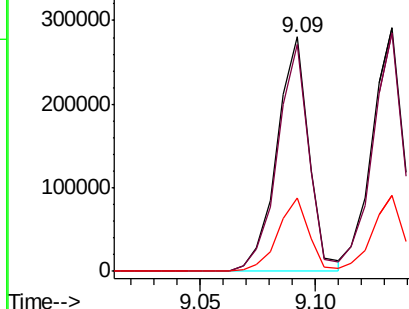
#43
 2,4,6-Trichlorophenol
 Concen: 52.943 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.7	113.5
200	31.3	24.4	36.6



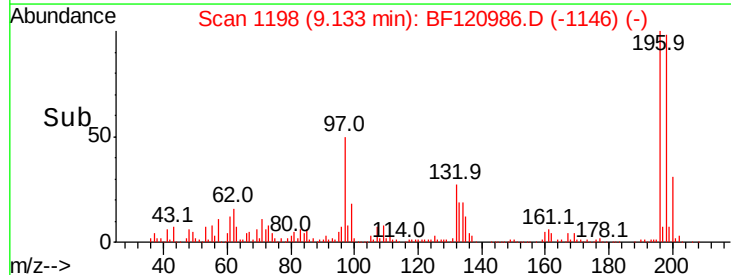
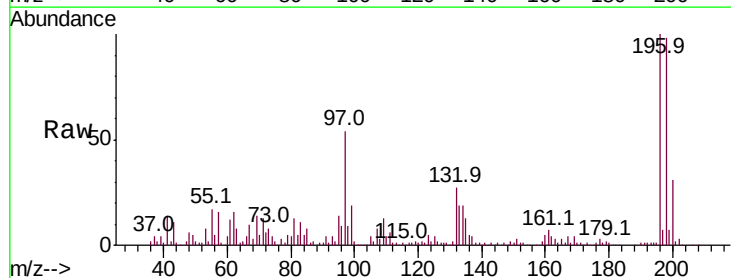
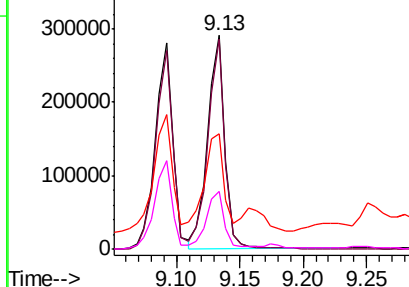
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

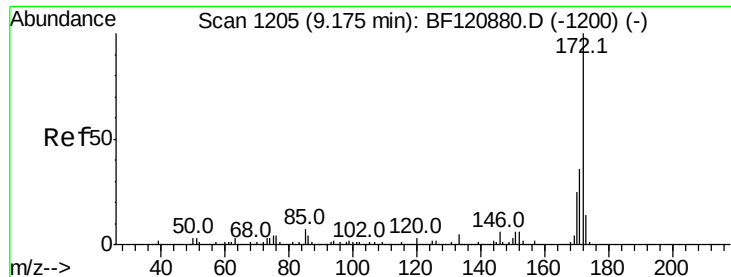


#44
 2,4,5-Trichlorophenol
 Concen: 48.297 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	77.6	116.4
97	53.8	35.6	53.4#
132	27.2	21.5	32.3

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

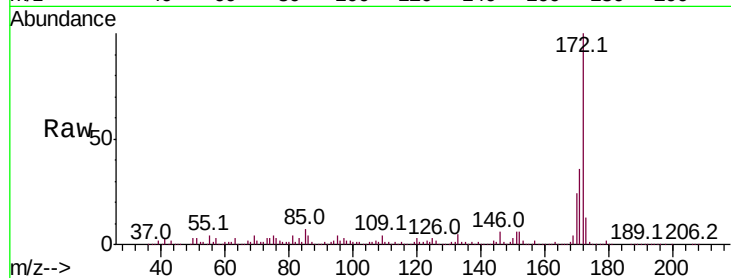




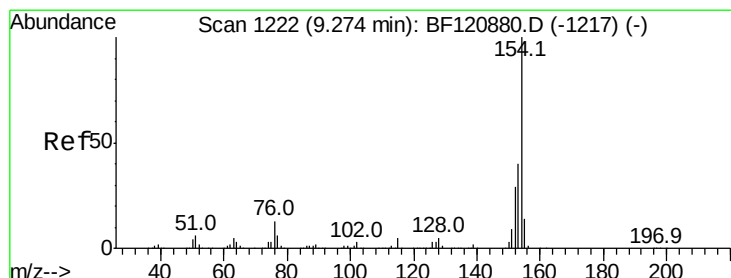
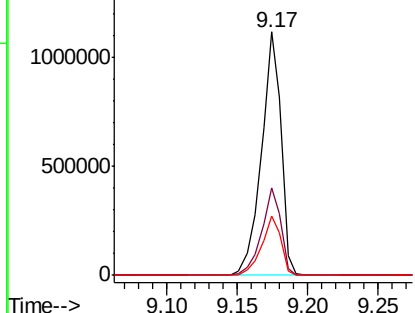
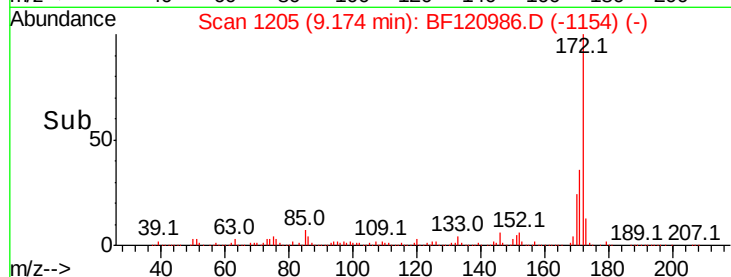
#45
2-Fluorobiphenyl
Concen: 66.595 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

Tot Ion:172 Resp: 1100808
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 24.2 19.6 29.4

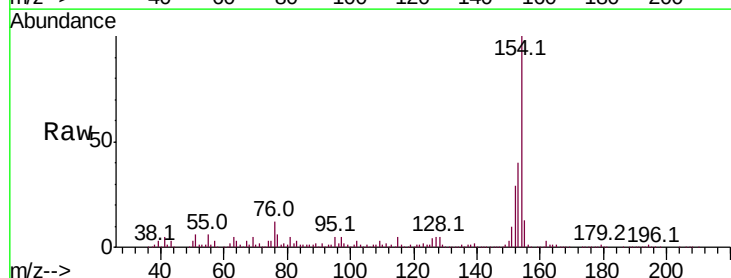


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

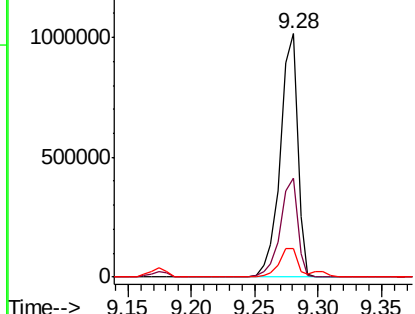
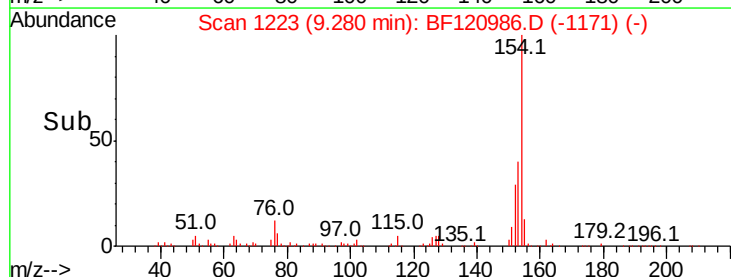


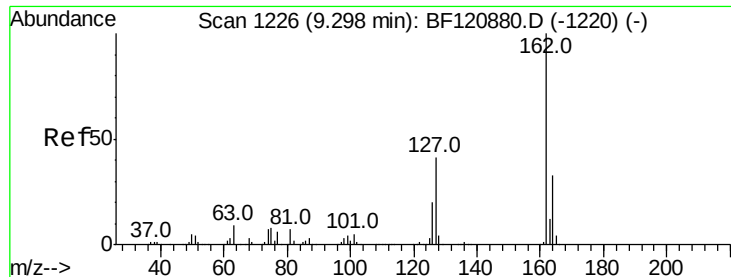
#46
1,1'-Biphenyl
Concen: 51.203 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion:154 Resp: 963936
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.5 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
1000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 47.601 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.01 min

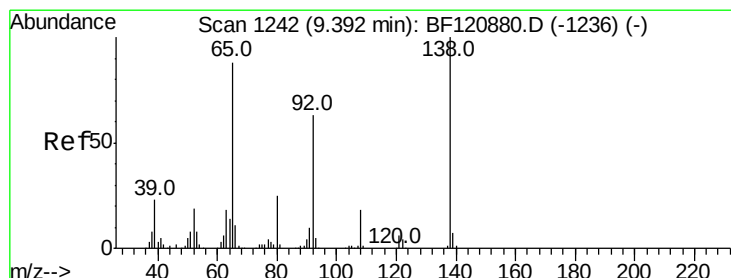
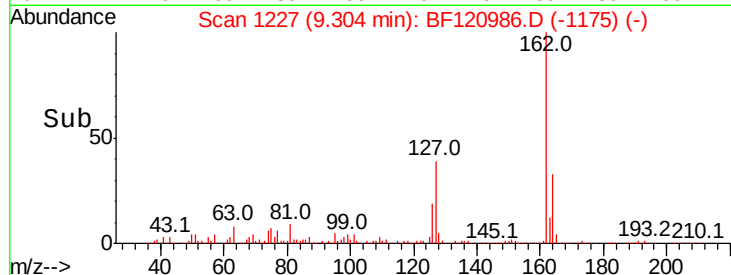
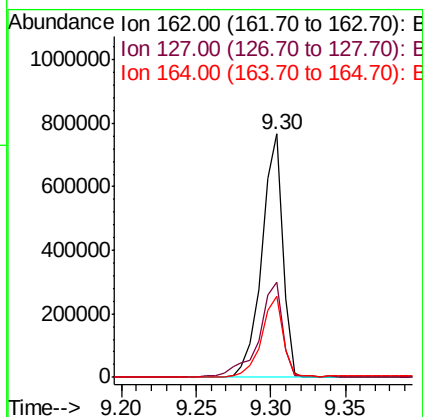
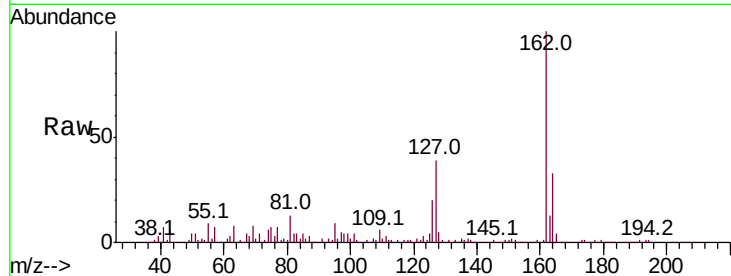
Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

Tot Ion:162 Resp: 730609

Ion	Ratio	Lower	Upper
162	100		
127	39.1	33.3	49.9
164	33.1	26.6	39.8



#48

2-Nitroaniline

Concen: 50.153 ng

RT: 9.40 min Scan# 1243

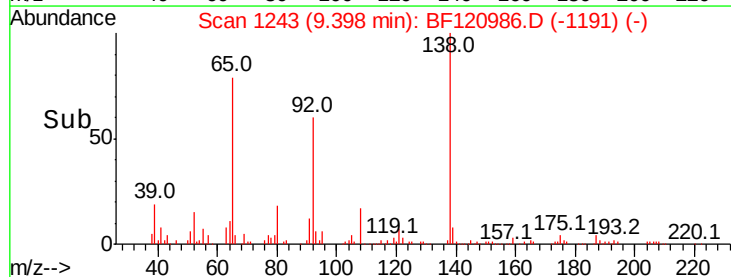
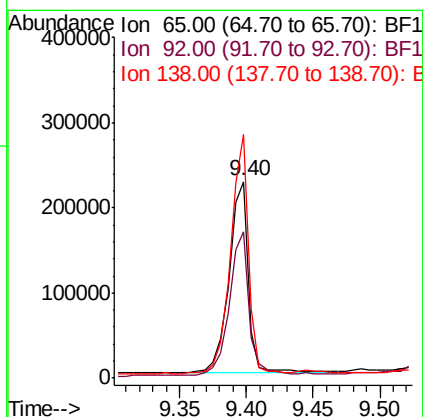
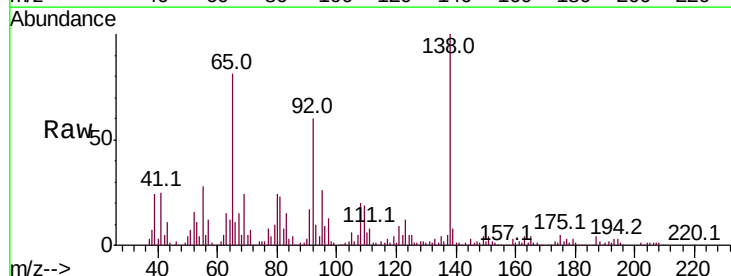
Delta R.T. 0.01 min

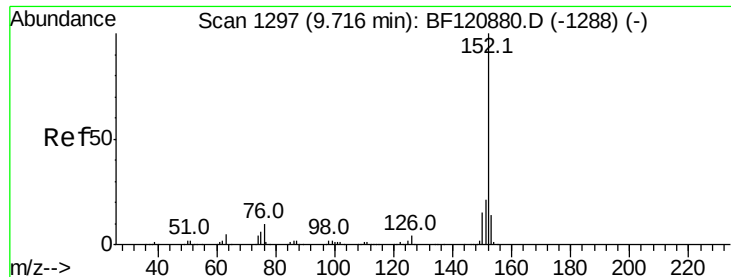
Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Tgt Ion: 65 Resp: 232635

Ion	Ratio	Lower	Upper
65	100		
92	74.7	57.0	85.4
138	124.0	90.4	135.6





#49

Acenaphthylene

Concen: 44.116 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

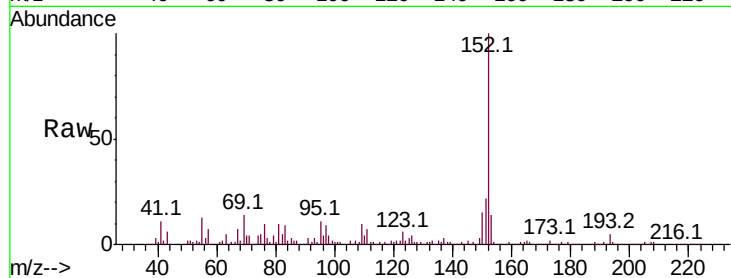
Tot Ion:152 Resp: 1051937

Ion Ratio Lower Upper

152 100

151 22.1 16.6 25.0

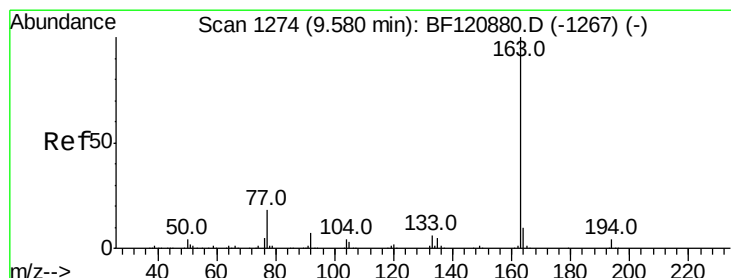
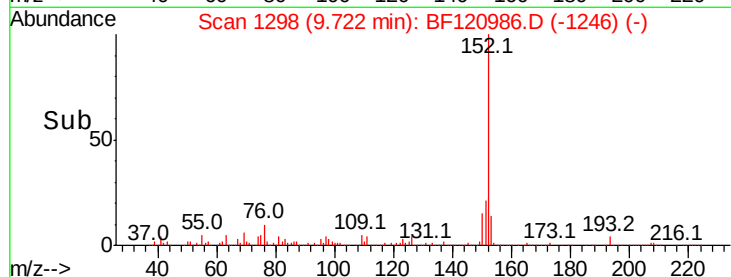
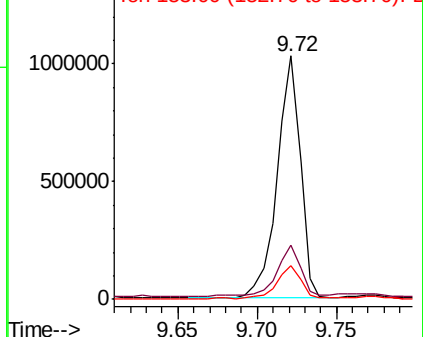
153 14.0 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.046 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

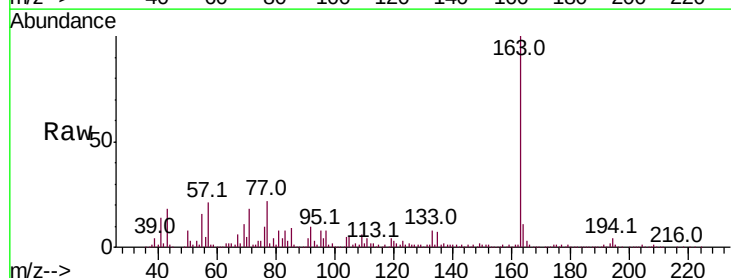
Tgt Ion:163 Resp: 891072

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

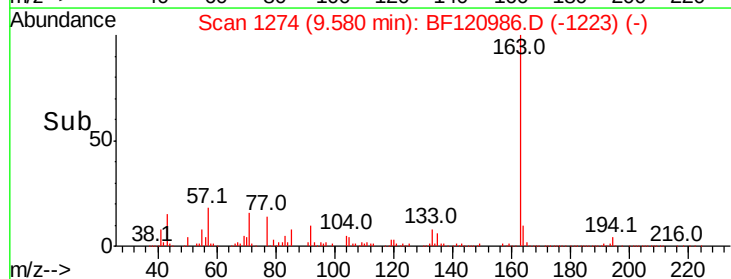
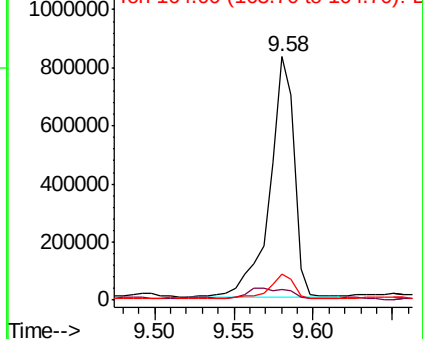
164 10.9 7.9 11.9

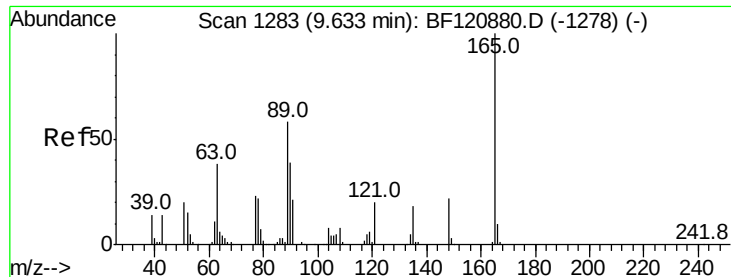


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 54.958 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

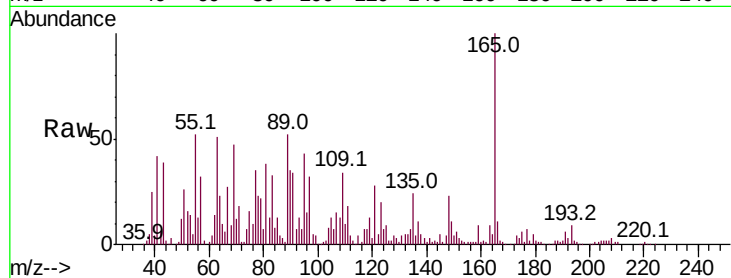
Tot Ion:165 Resp: 210226

Ion Ratio Lower Upper

165 100

63 51.0 45.4 68.2

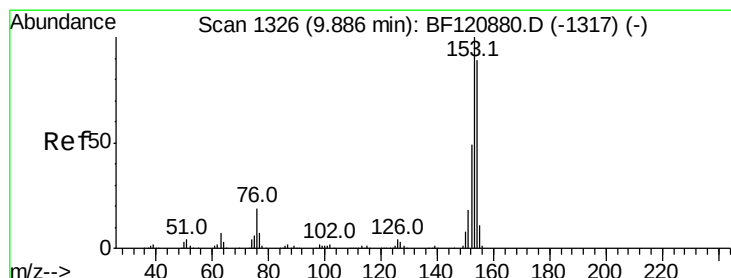
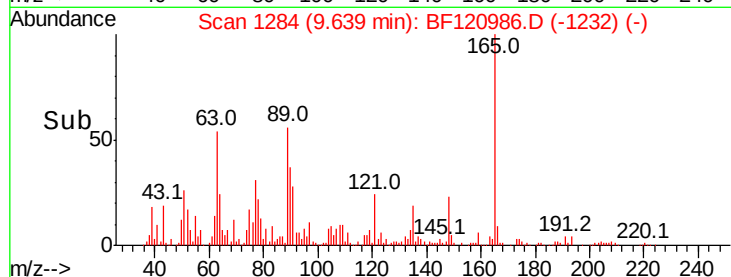
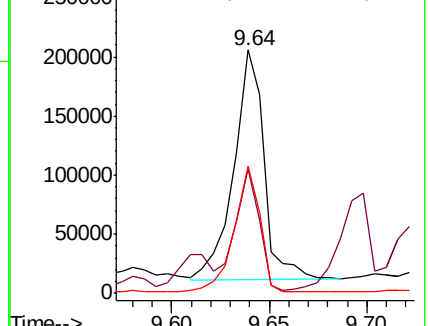
89 52.3 47.0 70.4



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: 42.837 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

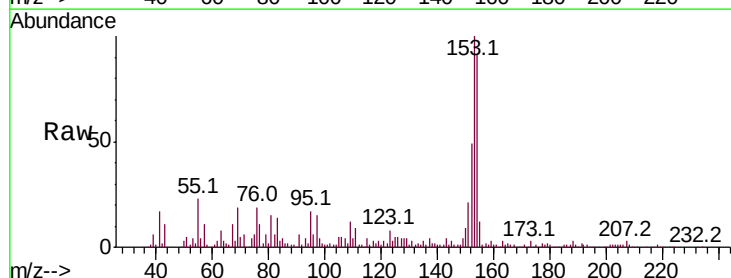
Tgt Ion:154 Resp: 649392

Ion Ratio Lower Upper

154 100

153 110.3 89.5 134.3

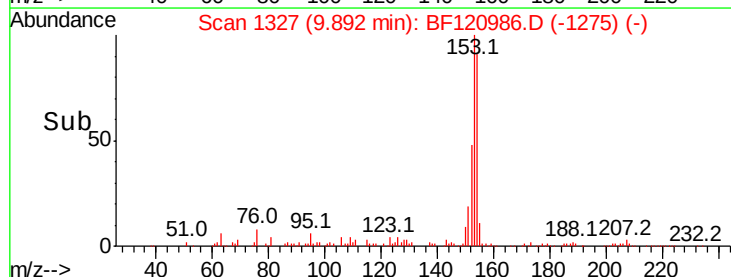
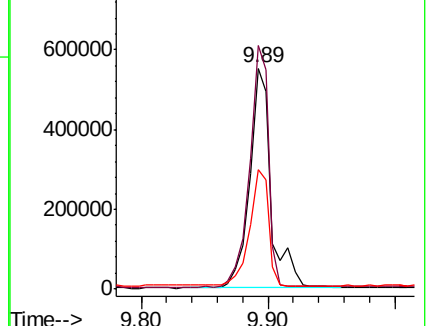
152 53.9 44.2 66.2

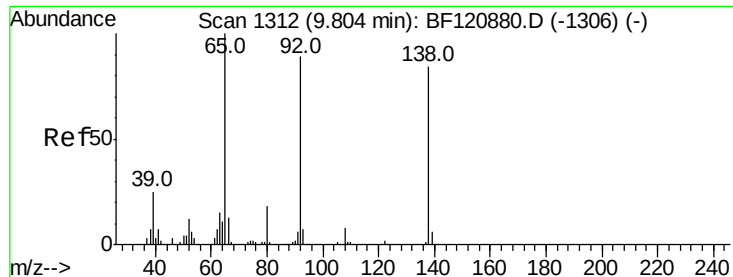


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

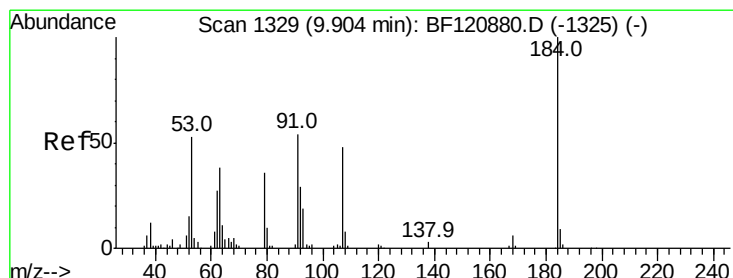
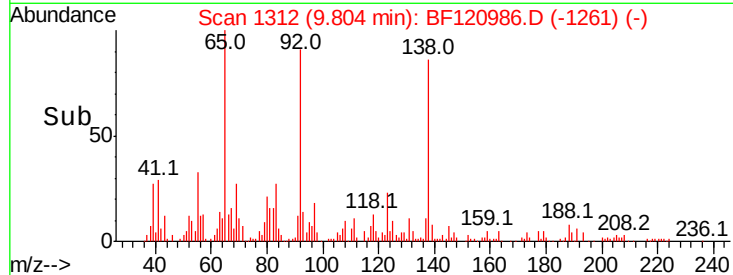
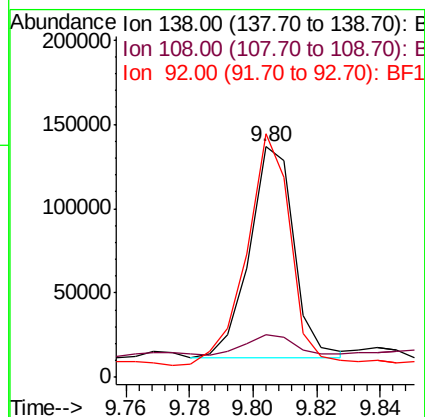
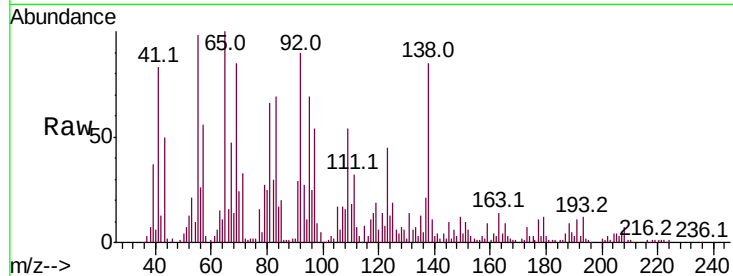




#53
3-Nitroaniline
Concen: 25.365 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

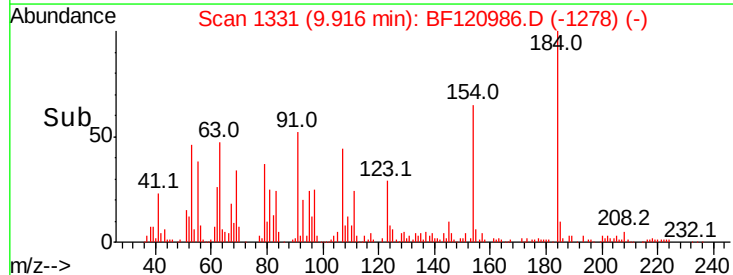
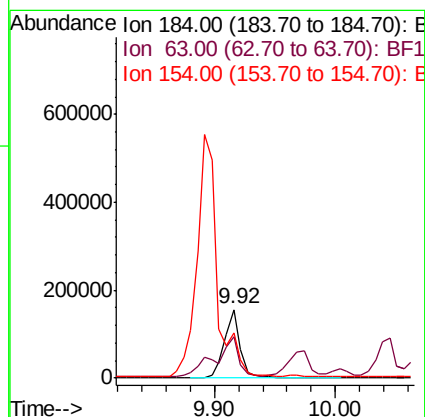
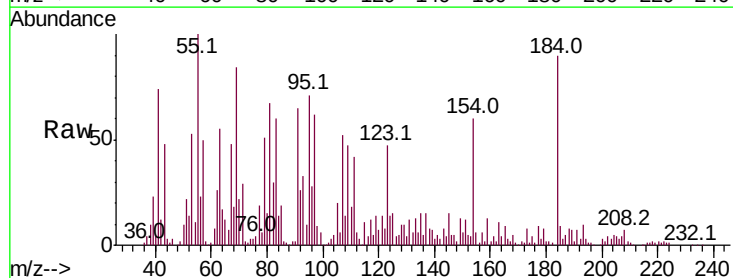
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

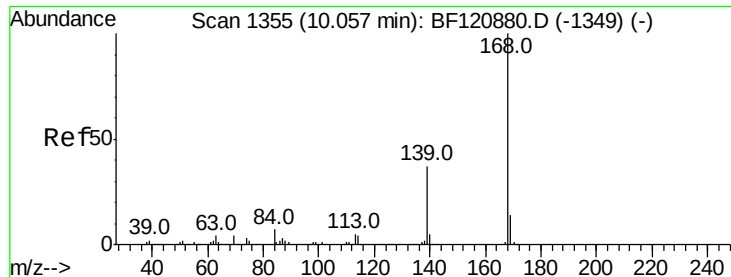
Tot Ion:138 Resp: 121688
Ion Ratio Lower Upper
138 100
108 18.7 7.9 11.9#
92 105.6 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 65.859 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion:184 Resp: 142100
Ion Ratio Lower Upper
184 100
63 60.7 57.9 86.9
154 66.3 52.6 78.8

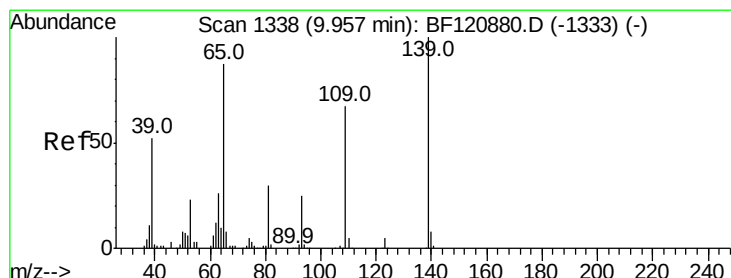
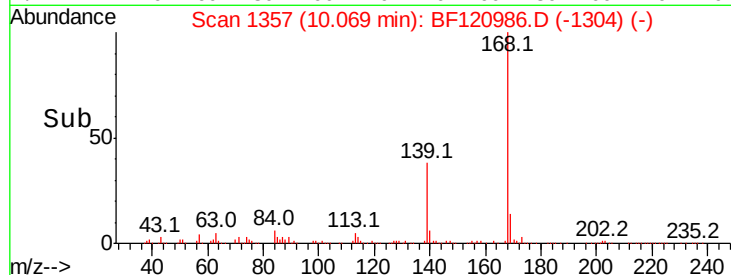
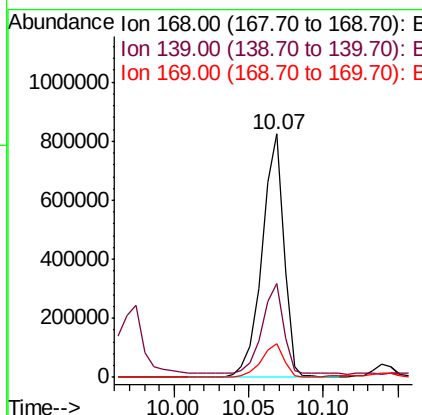
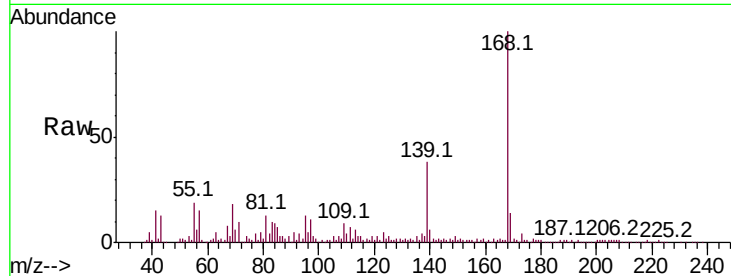




#55
Dibenzofuran
Concen: 37.550 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

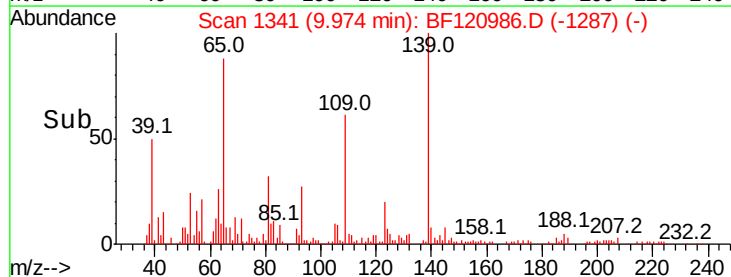
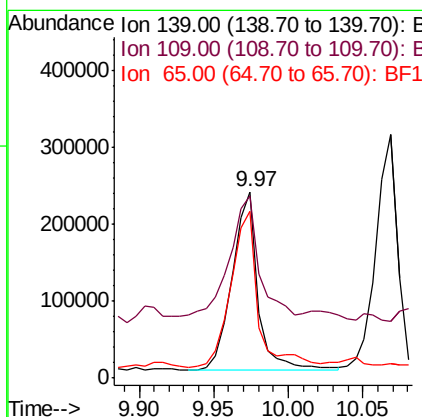
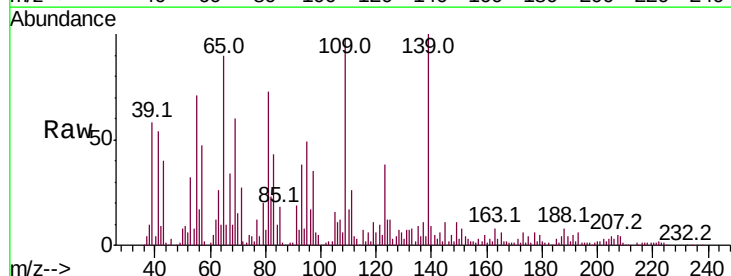
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

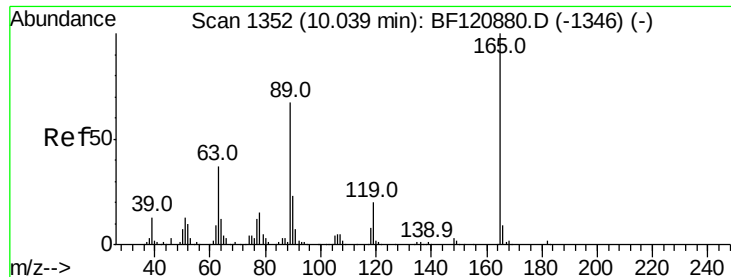
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	29.7	44.5
169	13.9	11.1	16.7



#56
4-Nitrophenol
Concen: 78.034 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.0	47.3	87.3#
65	89.6	67.2	107.2





#57

2,4-Dinitrotoluene

Concen: 41.646 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

Tot Ion:165 Resp: 209199

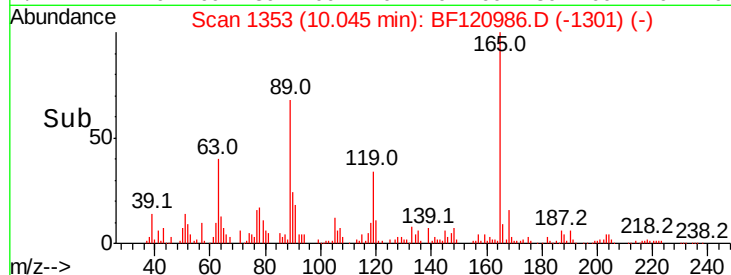
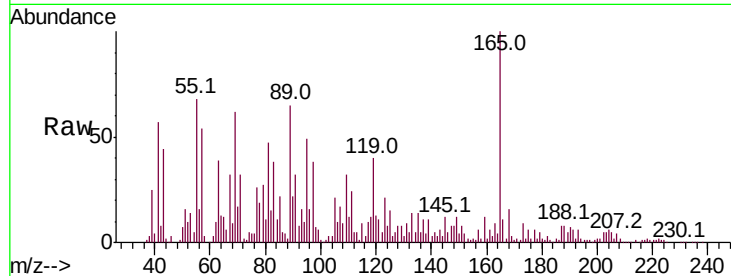
Ion Ratio Lower Upper

165 100

63 38.8 29.4 44.2

89 64.8 53.4 80.0

182 3.2 1.8 2.6#

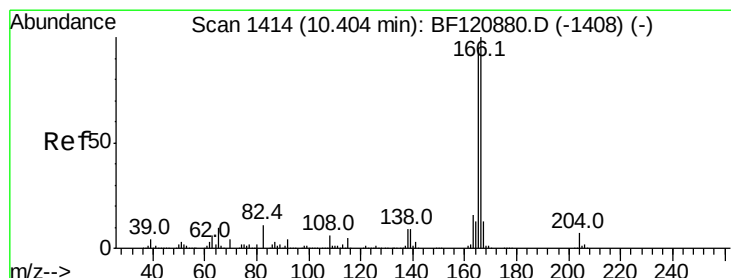
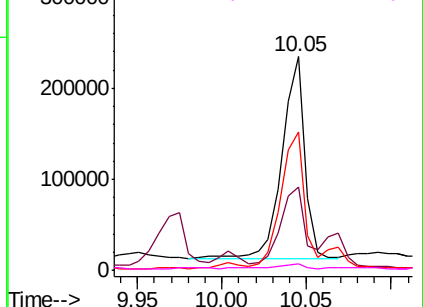


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 27.641 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

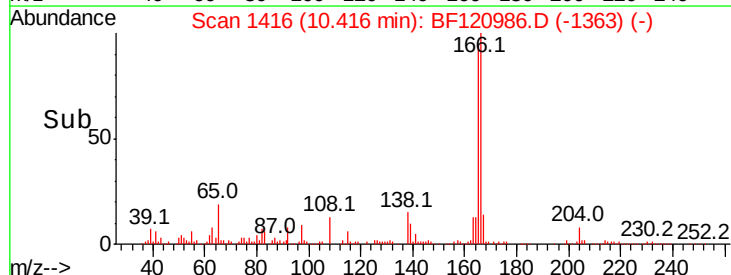
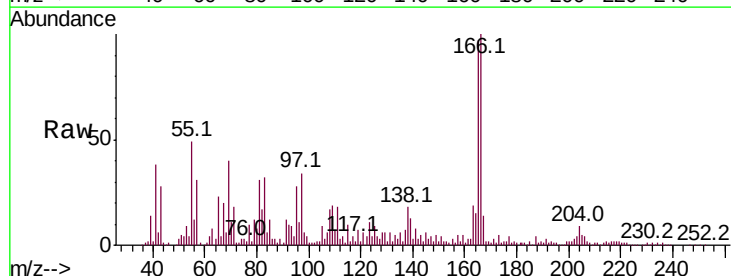
Tgt Ion:166 Resp: 451930

Ion Ratio Lower Upper

166 100

165 96.6 75.4 113.0

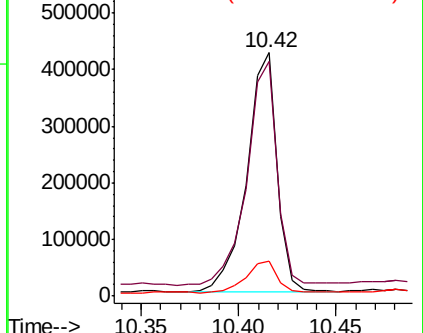
167 14.2 10.6 15.8

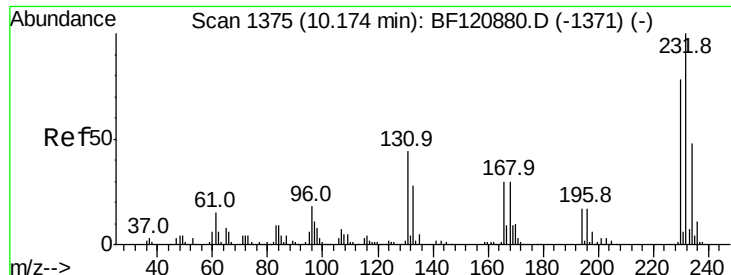


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

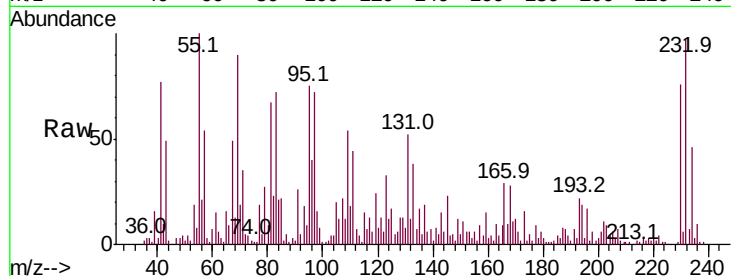




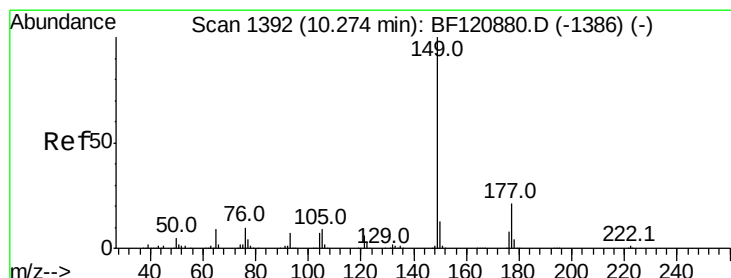
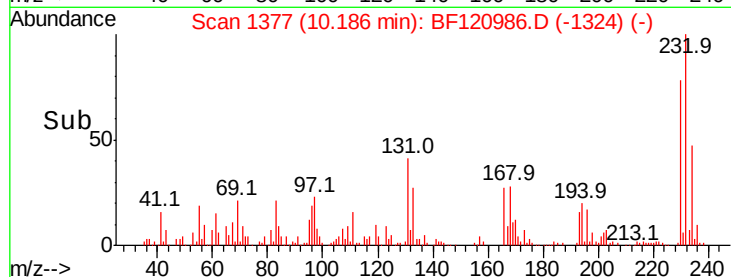
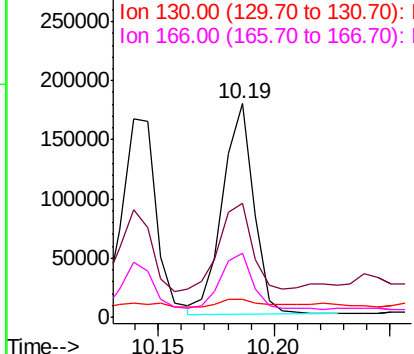
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.466 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

Tot Ion:232 Resp: 168195
Ion Ratio Lower Upper
232 100
131 46.7 37.1 55.7
130 5.4 1.7 2.5#
166 27.5 24.2 36.4

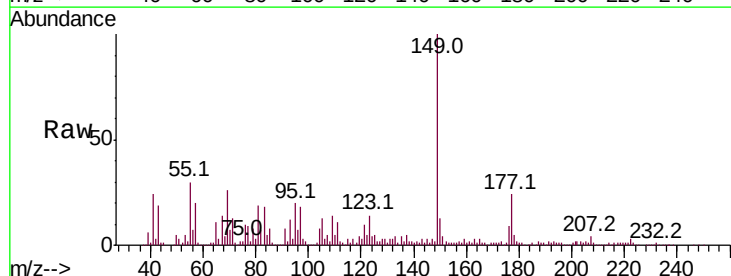


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

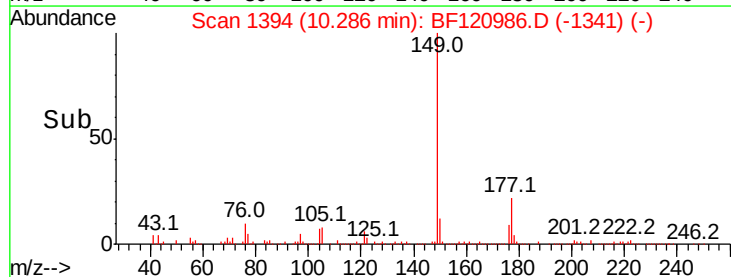
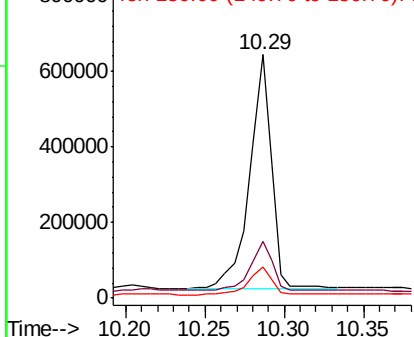


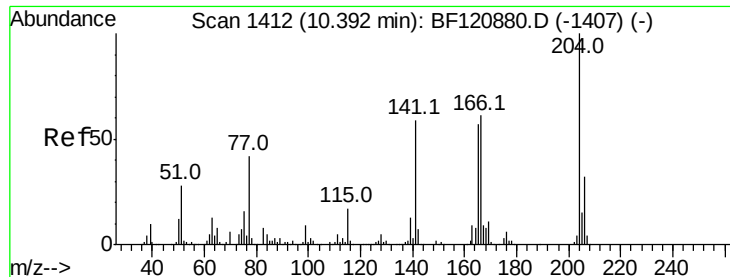
#60
Diethylphthalate
Concen: 32.873 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion:149 Resp: 592026
Ion Ratio Lower Upper
149 100
177 23.5 17.1 25.7
150 13.0 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

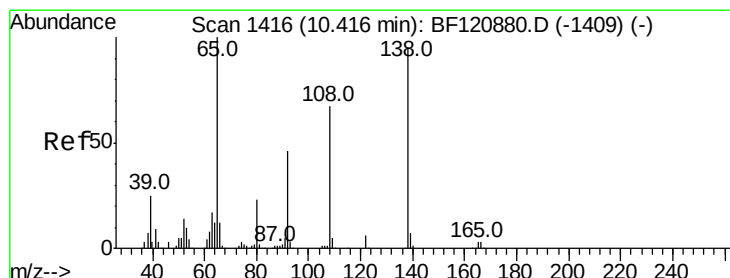
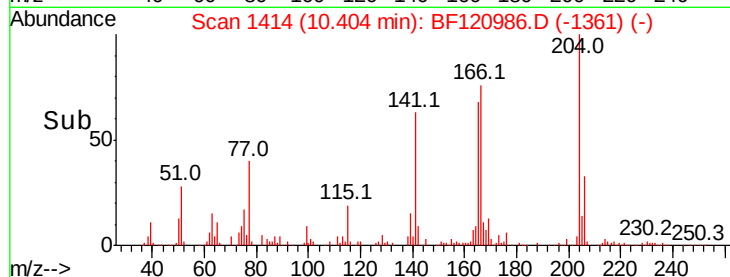
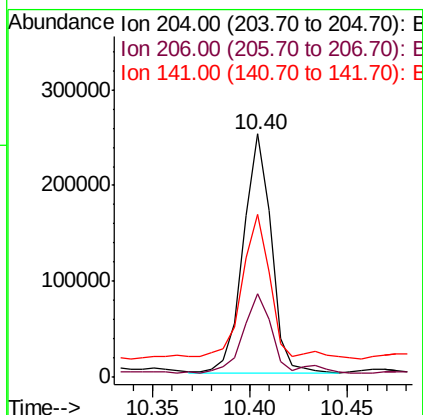
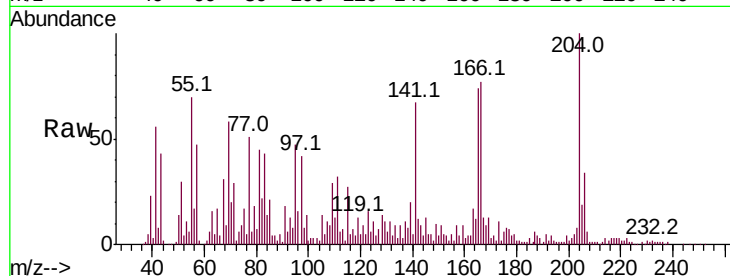




#61
 4-Chlorophenyl-phenylether
 Concen: 28.446 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

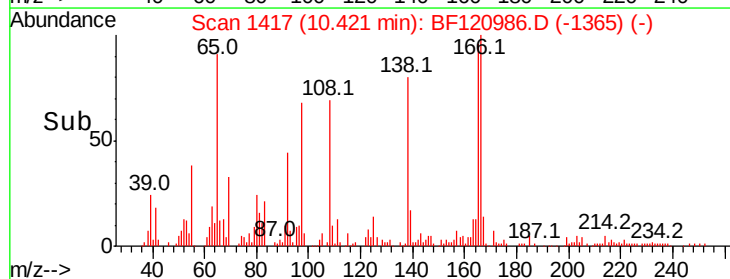
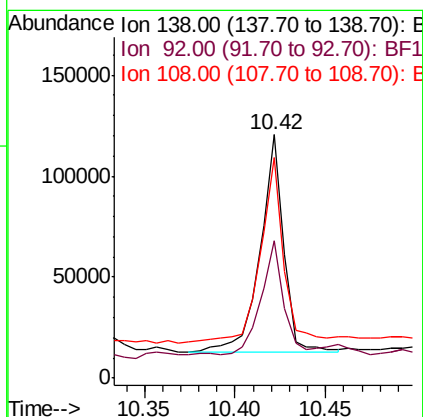
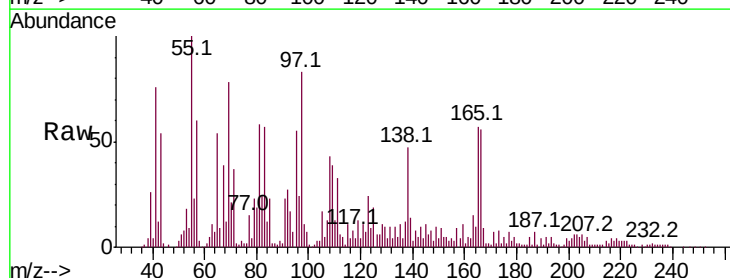
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MS

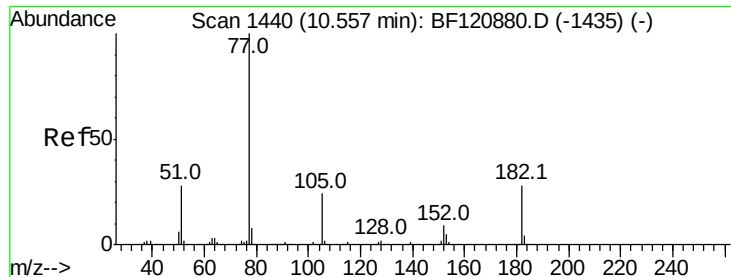
Tot Ion:204 Resp: 248070
 Ion Ratio Lower Upper
 204 100
 206 34.5 25.9 38.9
 141 66.8 47.2 70.8



#62
 4-Nitroaniline
 Concen: 20.843 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

Tgt Ion:138 Resp: 97403
 Ion Ratio Lower Upper
 138 100
 92 56.3 28.6 68.6
 108 90.5 51.1 91.1

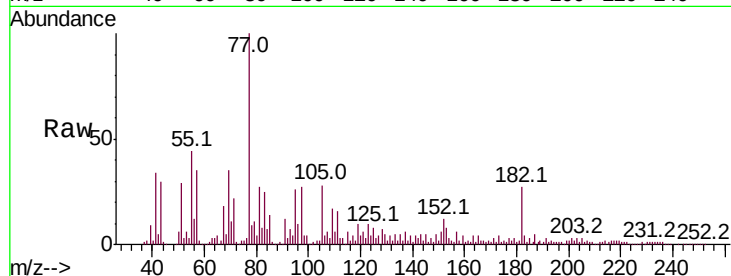




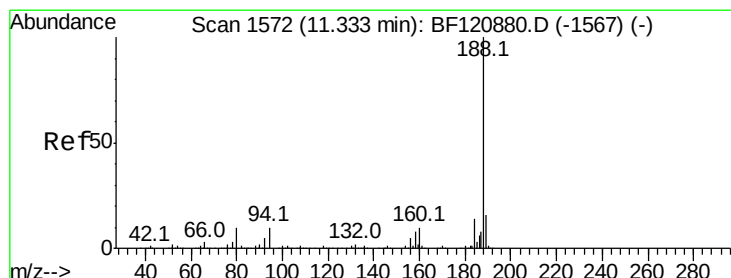
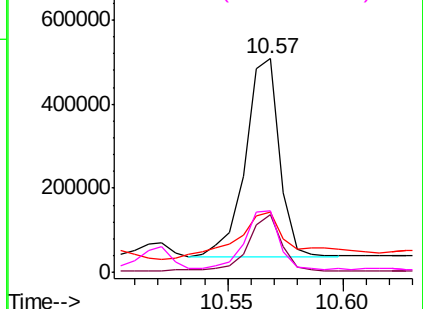
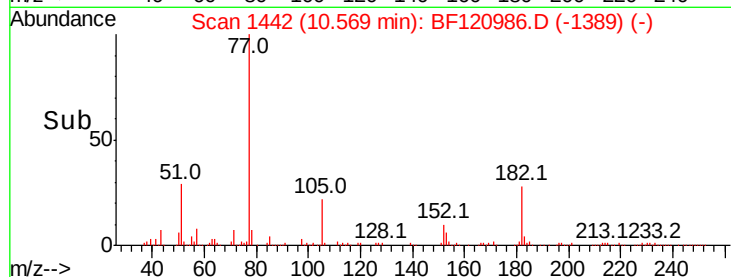
#63
Azobenzene
Concen: 28.593 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

Tot Ion:	77	Resp:	490222
Ion	Ratio	Lower	Upper
77	100		
182	26.8	7.8	47.8
105	28.1	4.4	44.4
51	28.9	8.0	48.0

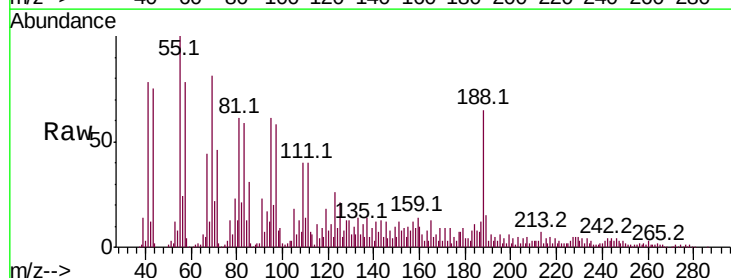


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

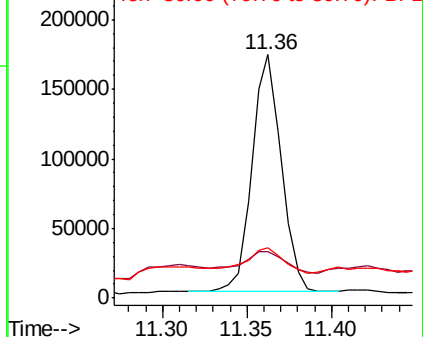
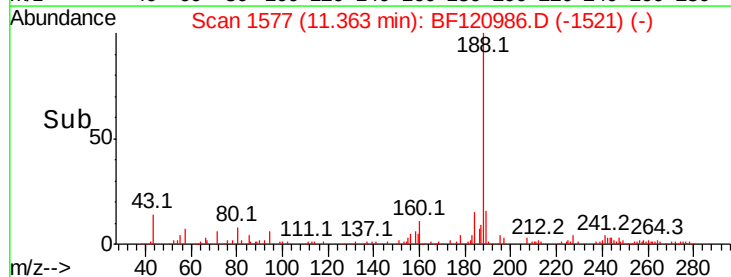


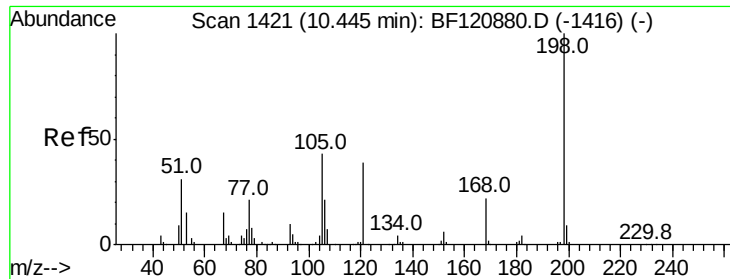
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.03 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion:	188	Resp:	205155
Ion	Ratio	Lower	Upper
188	100		
94	18.8	8.0	12.0#
80	20.6	8.3	12.5#



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

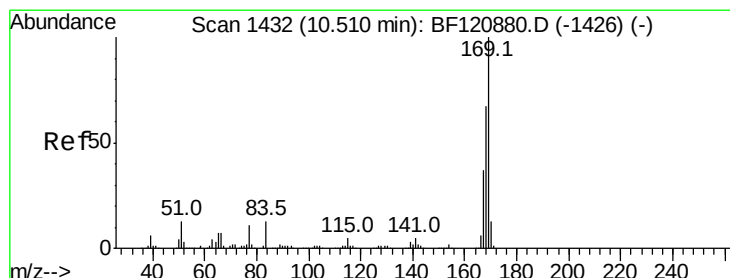
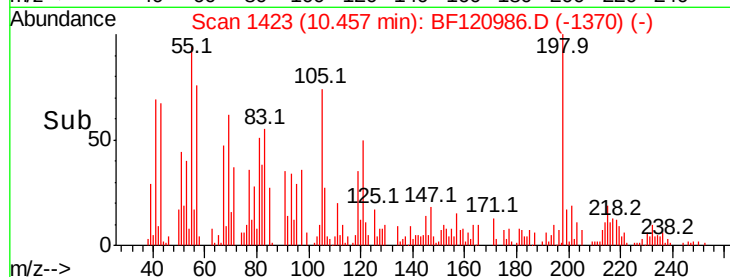
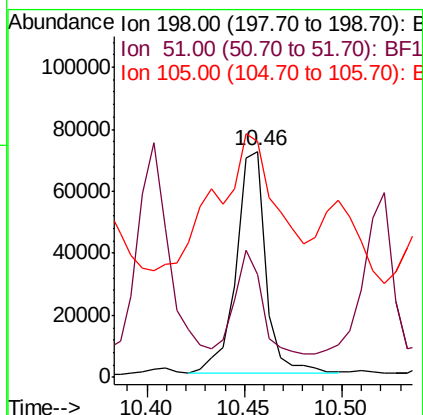
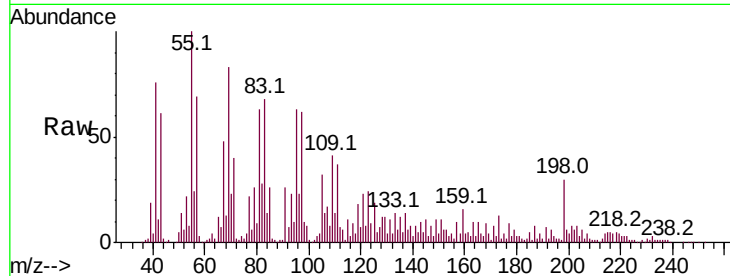




#65
4,6-Dinitro-2-methylphenol
Concen: 62.533 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

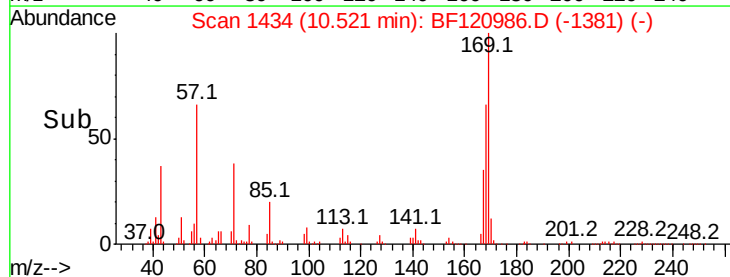
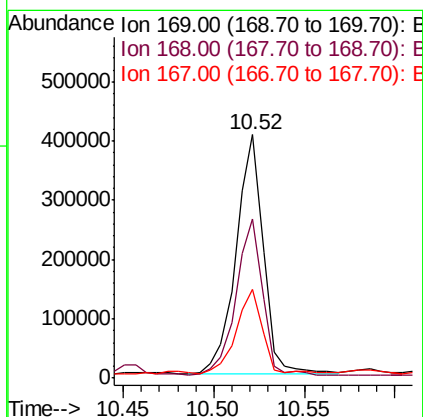
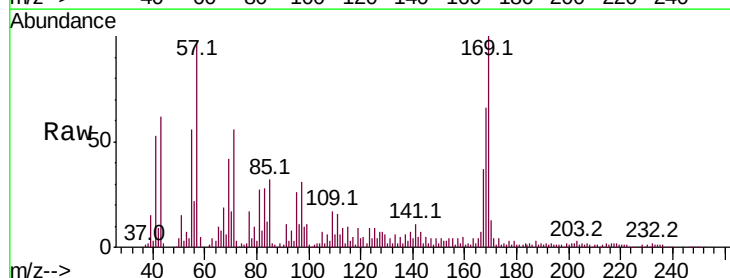
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

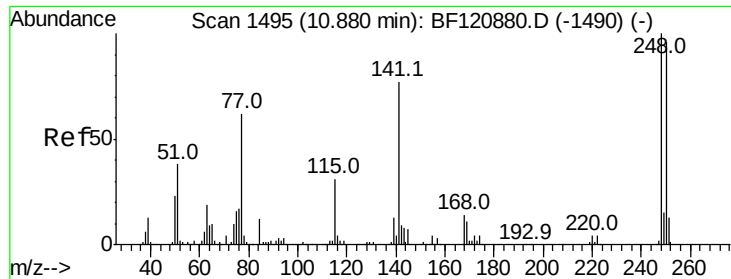
Tot Ion:198 Resp: 75750
Ion Ratio Lower Upper
198 100
51 45.7 19.5 59.5
105 104.3 24.4 64.4#



#66
n-Nitrosodiphenylamine
Concen: 66.303 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion:169 Resp: 427905
Ion Ratio Lower Upper
169 100
168 65.6 53.4 80.0
167 36.6 29.4 44.0

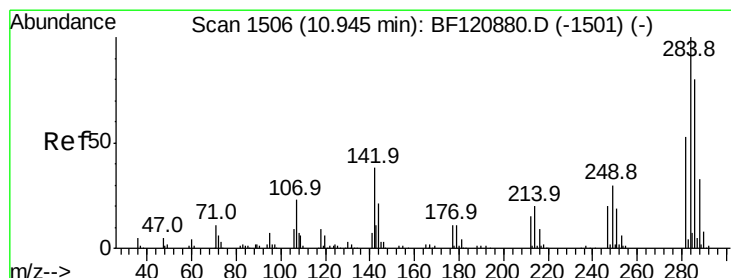
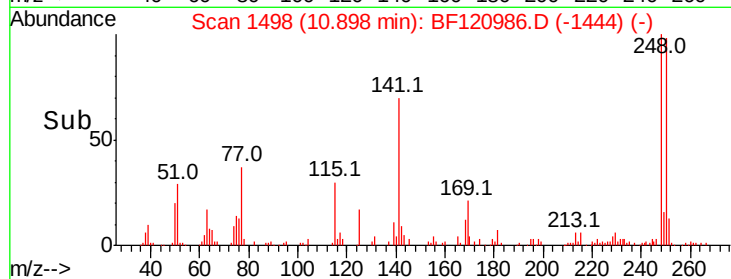
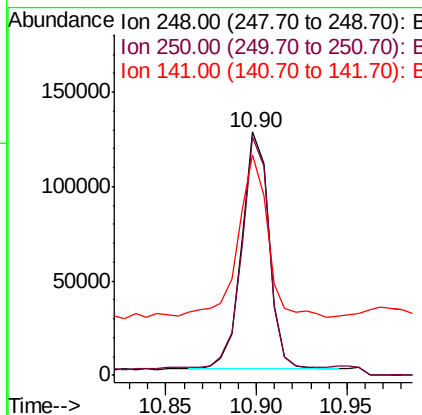
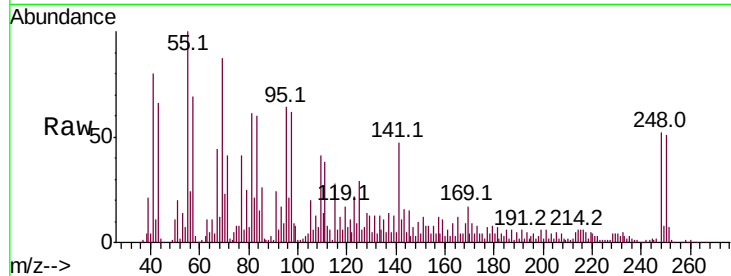




#67
4-Bromophenyl-phenylether
Concen: 57.666 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.02 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

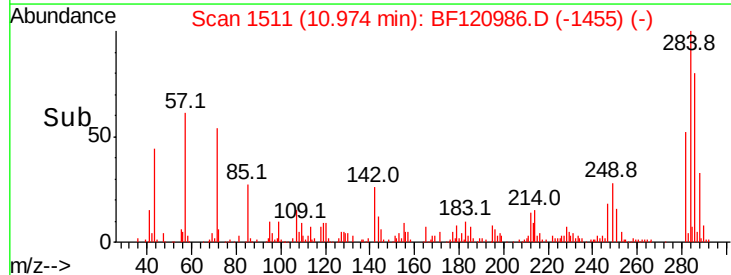
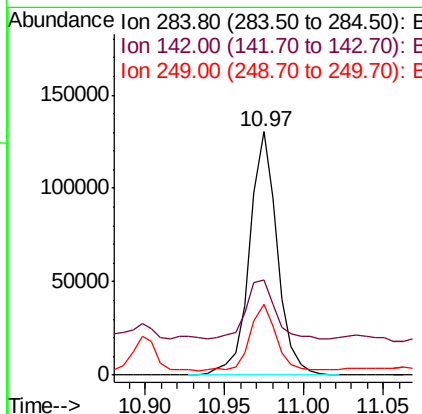
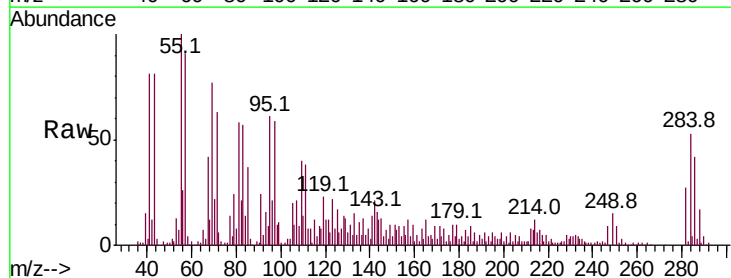
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

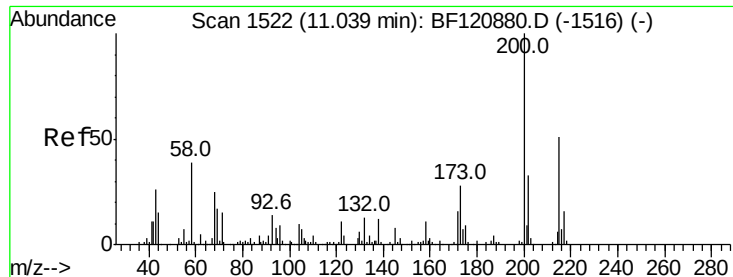
Tot Ion:248 Resp: 131900
Ion Ratio Lower Upper
248 100
250 98.2 77.1 115.7
141 90.3 61.2 91.8



#68
Hexachlorobenzene
Concen: 63.842 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.03 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion:284 Resp: 157962
Ion Ratio Lower Upper
284 100
142 39.1 30.2 45.2
249 28.8 24.2 36.2

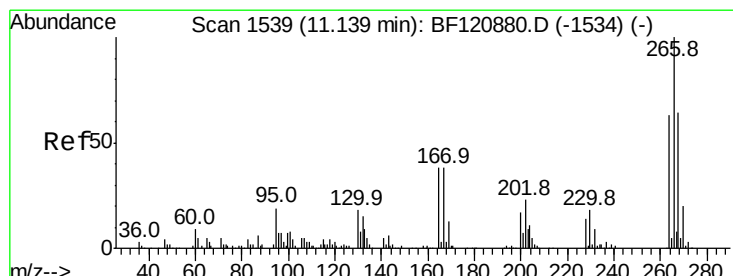
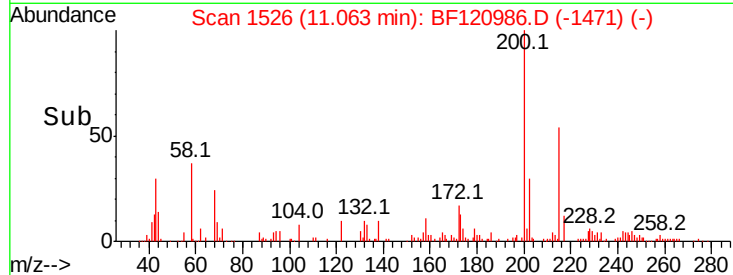
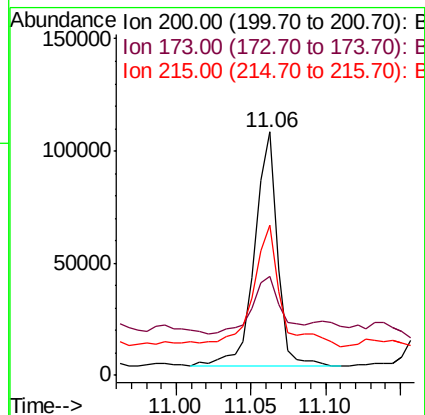
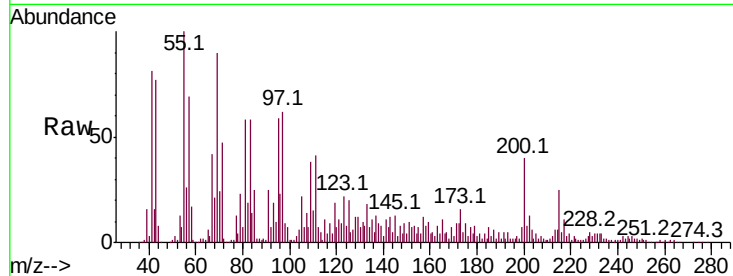




#69
Atrazine
Concen: 69.431 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.02 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

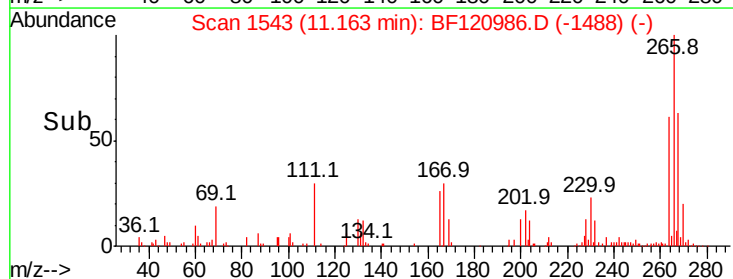
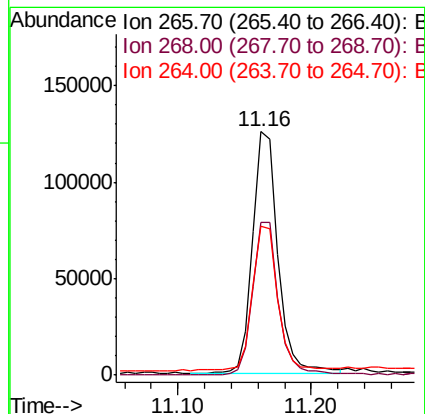
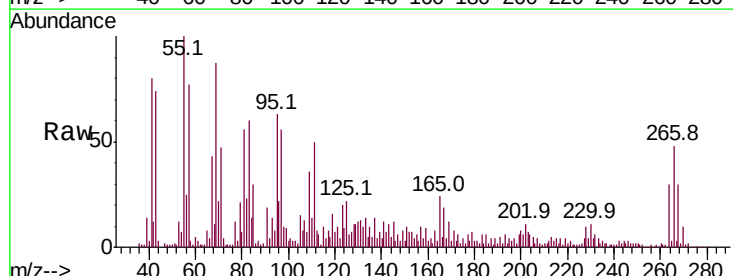
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

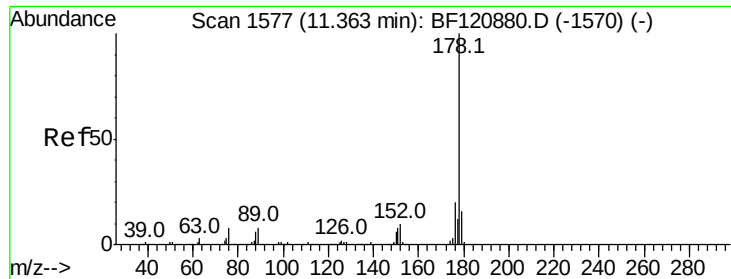
Tot Ion	Ratio	Lower	Upper
200	100		
173	40.4	8.0	48.0
215	61.8	31.5	71.5



#70
Pentachlorophenol
Concen: 115.090 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.02 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	61.2	50.2	75.2





#71

Phenanthrene

Concen: 39.333 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.02 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

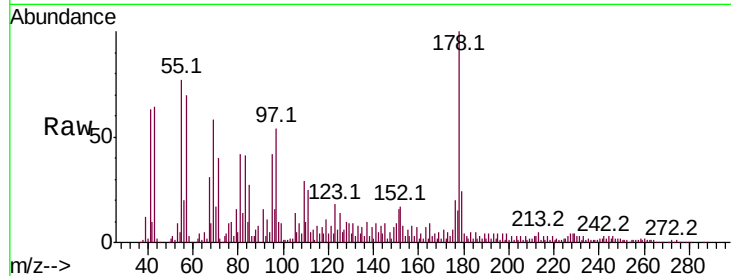
Tot Ion:178 Resp: 415008

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

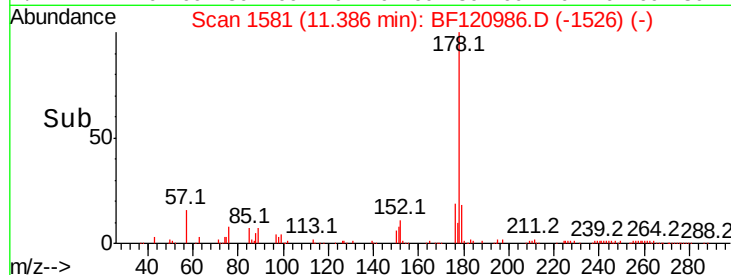
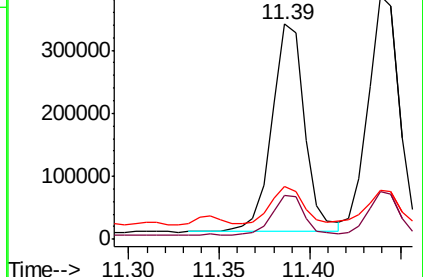
179 24.3 12.8 19.2#



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: 42.499 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.02 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

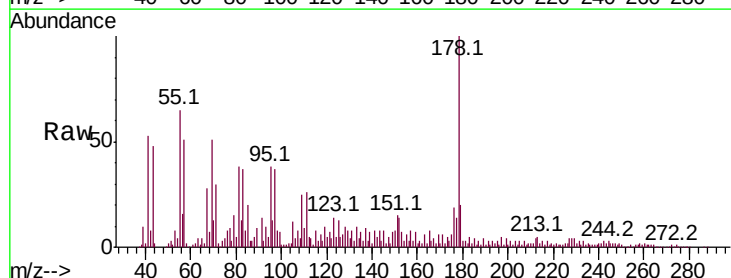
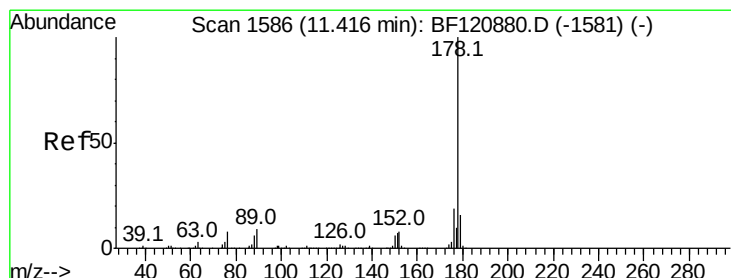
Tgt Ion:178 Resp: 450268

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

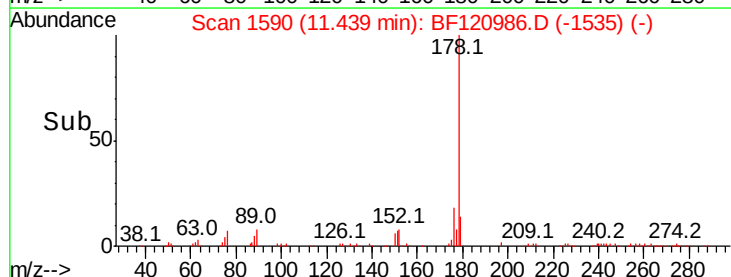
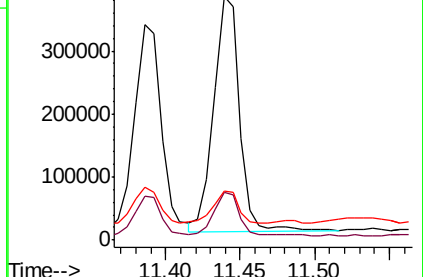
179 20.3 12.8 19.2#

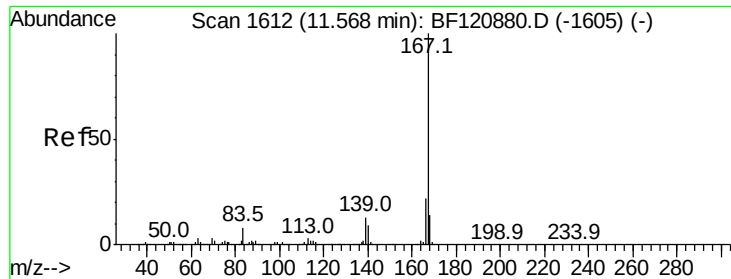


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

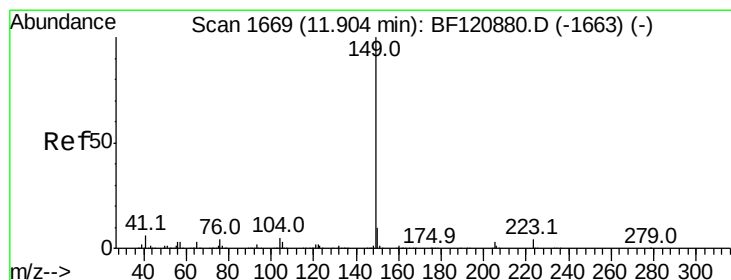
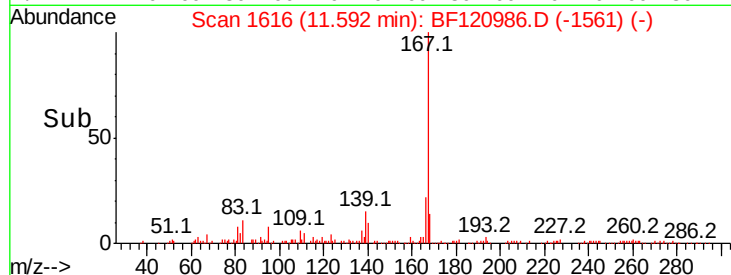
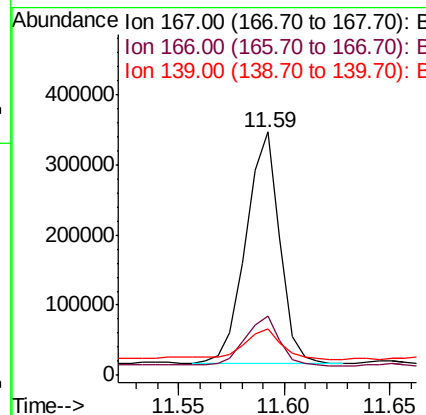
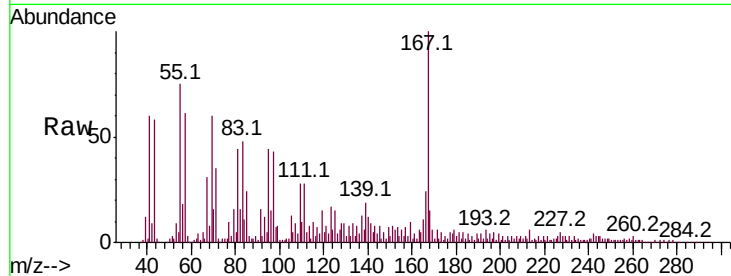




#73
 Carbazole
 Concen: 34.834 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.02 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

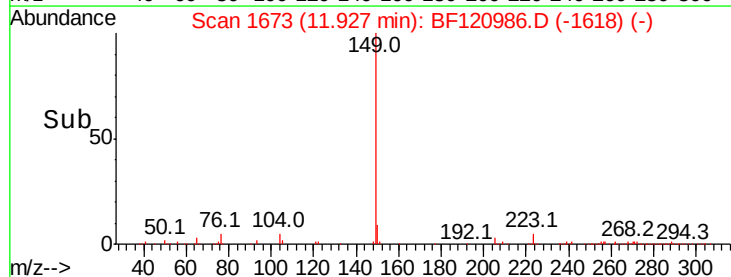
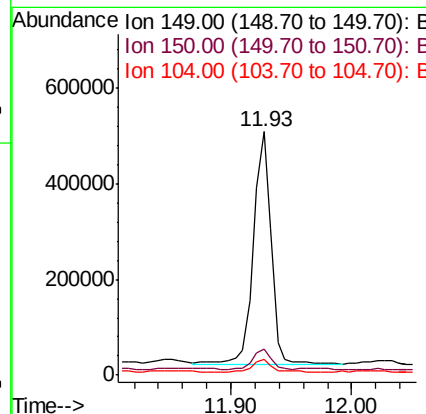
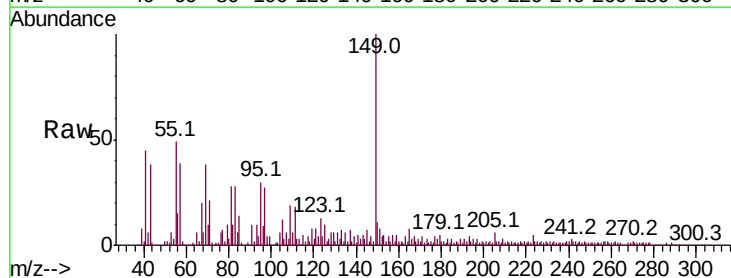
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MS

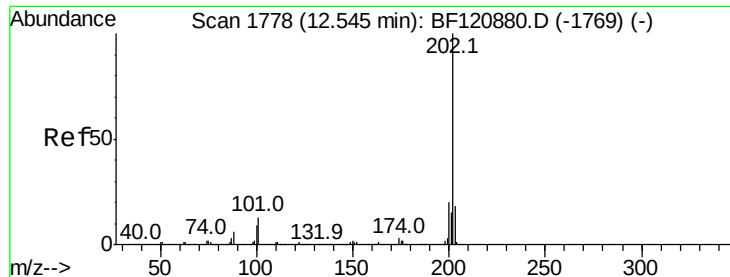
Tot Ion:167 Resp: 366263
 Ion Ratio Lower Upper
 167 100
 166 24.3 17.7 26.5
 139 19.2 10.1 15.1#



#74
 Di-n-butylphthalate
 Concen: 41.759 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.02 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

Tgt Ion:149 Resp: 506695
 Ion Ratio Lower Upper
 149 100
 150 10.8 7.8 11.6
 104 6.3 3.8 5.6#





#75

Fluoranthene

Concen: 50.121 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.04 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

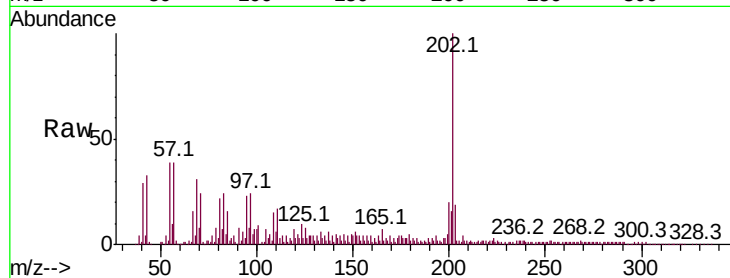
Tot Ion:202 Resp: 586172

Ion Ratio Lower Upper

202 100

101 8.5 0.0 32.7

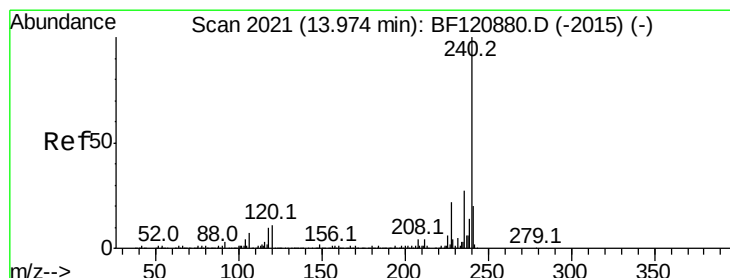
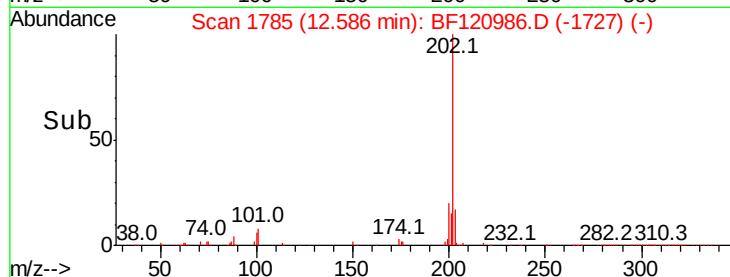
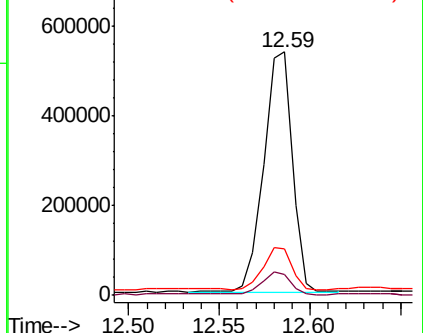
203 19.1 0.0 38.0



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: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

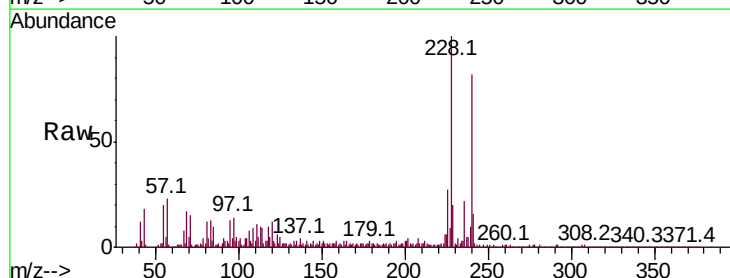
Tgt Ion:240 Resp: 345430

Ion Ratio Lower Upper

240 100

120 14.4 9.0 13.4#

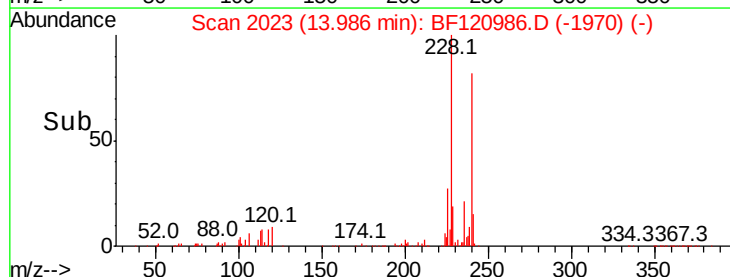
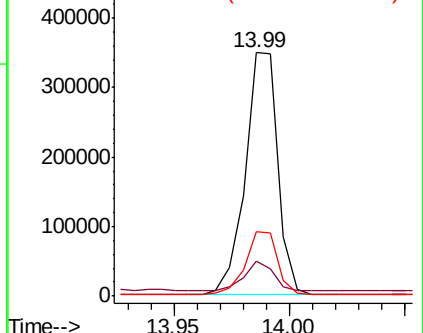
236 26.4 21.7 32.5

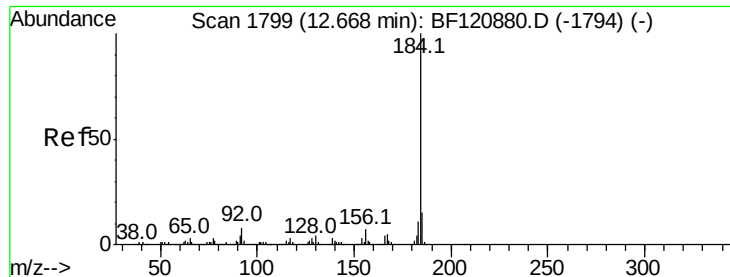


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.504 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.02 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

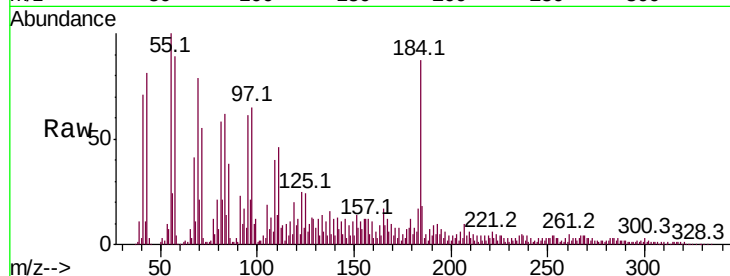
Tot Ion:184 Resp: 213465

Ion Ratio Lower Upper

184 100

185 20.3 12.2 18.2#

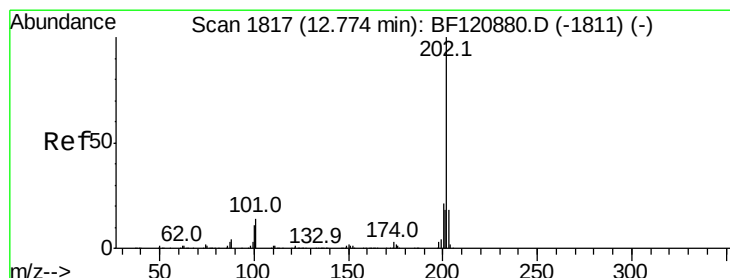
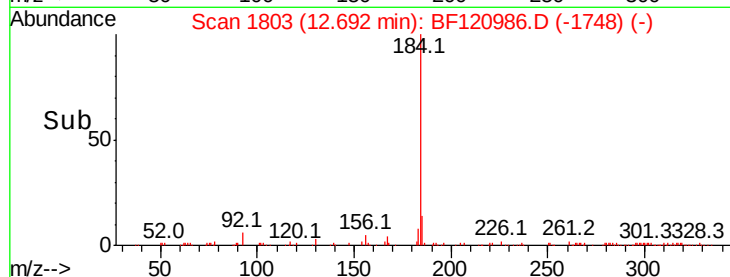
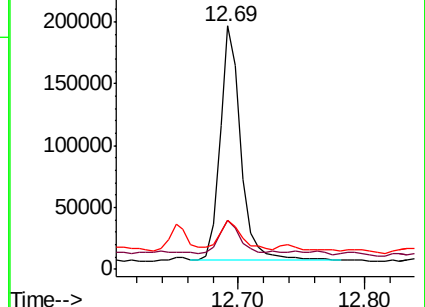
183 19.9 8.5 12.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 27.492 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.04 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

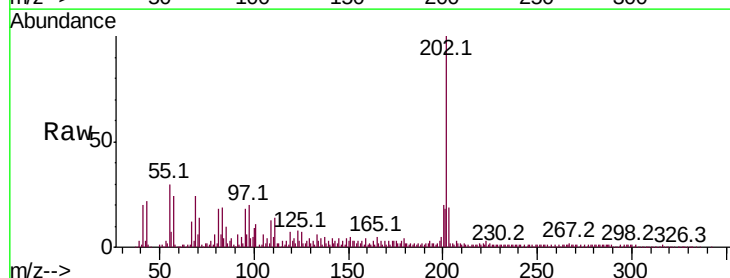
Tgt Ion:202 Resp: 671422

Ion Ratio Lower Upper

202 100

200 20.3 17.0 25.4

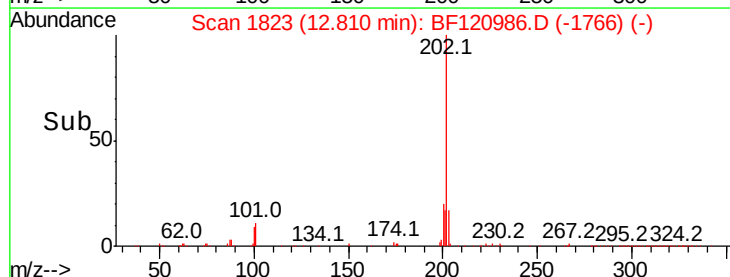
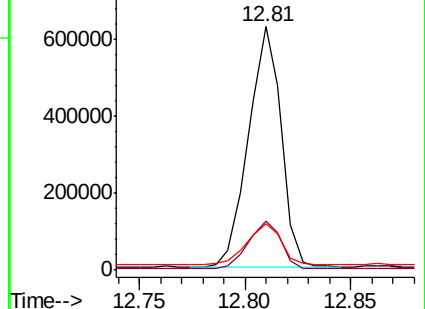
203 18.9 14.4 21.6

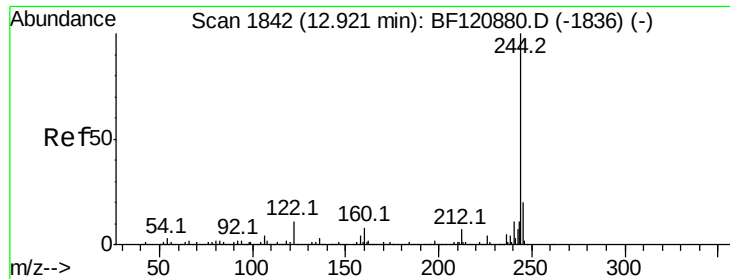


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 40.390 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.02 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

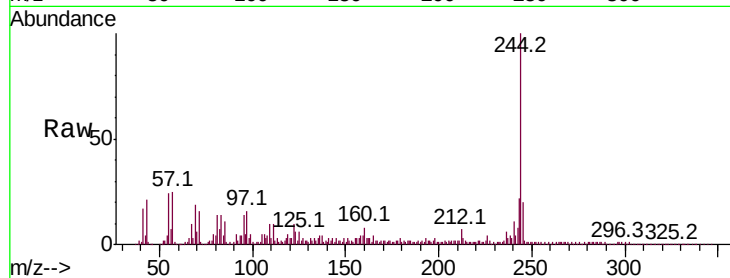
Tot Ion:244 Resp: 641821

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

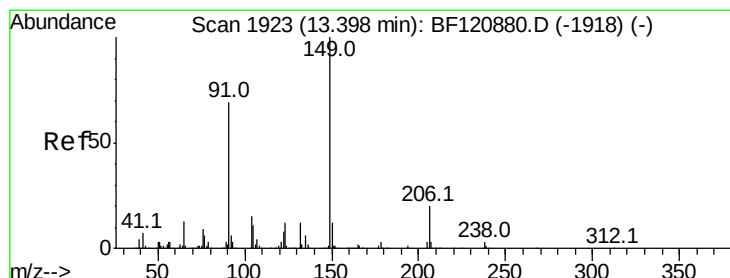
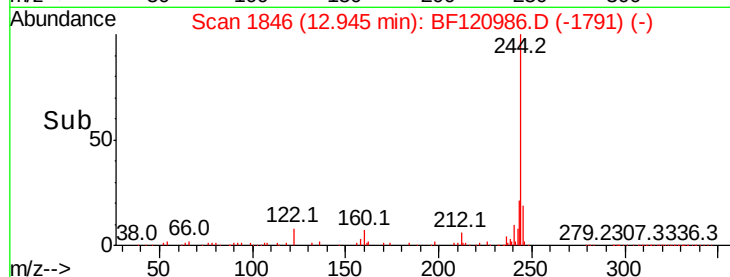
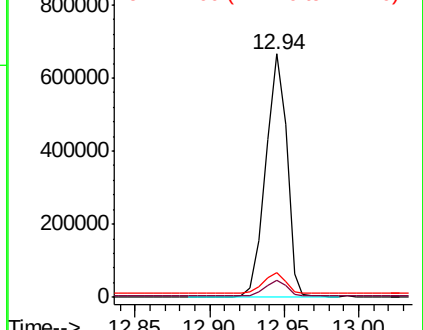
122 10.0 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.425 ng

RT: 13.41 min Scan# 1925

Delta R.T. 0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

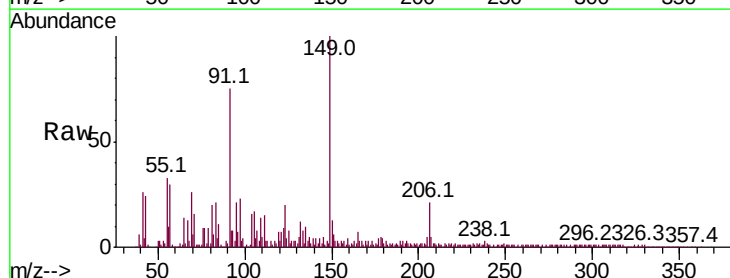
Tgt Ion:149 Resp: 396560

Ion Ratio Lower Upper

149 100

91 74.6 55.1 82.7

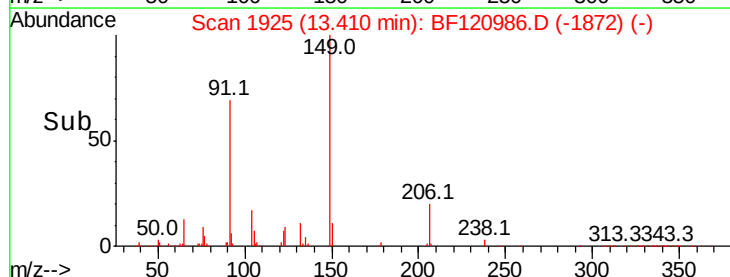
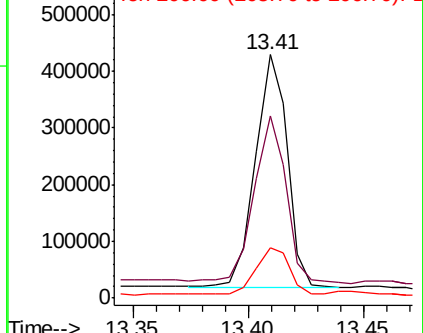
206 20.8 16.1 24.1

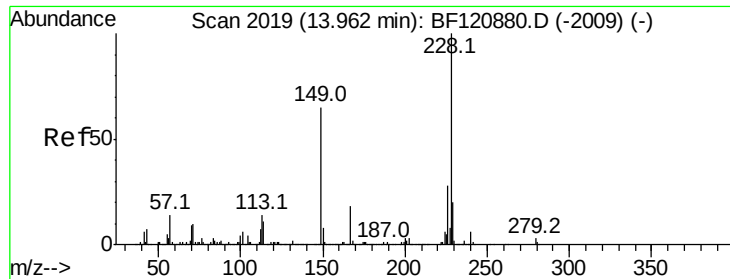


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.606 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.02 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

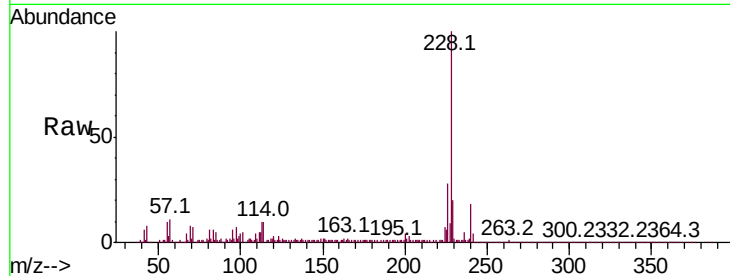
Tot Ion:228 Resp: 912136

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

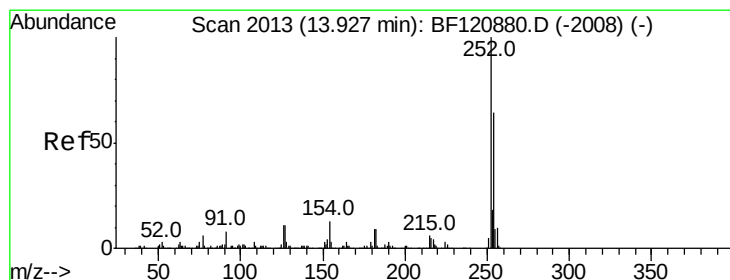
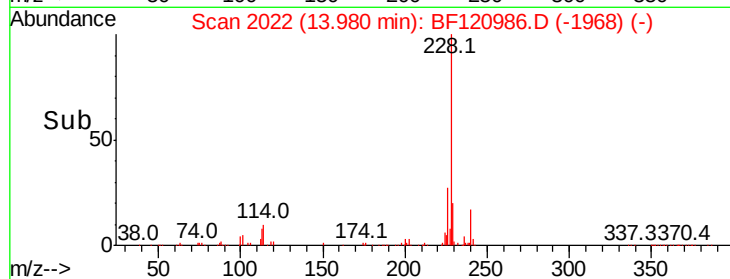
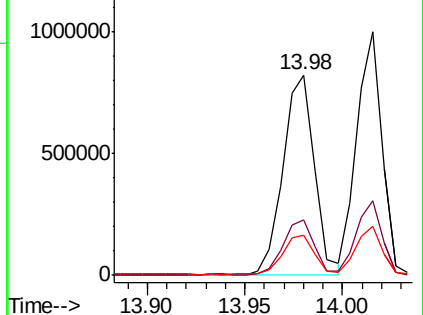
229 20.1 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.537 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

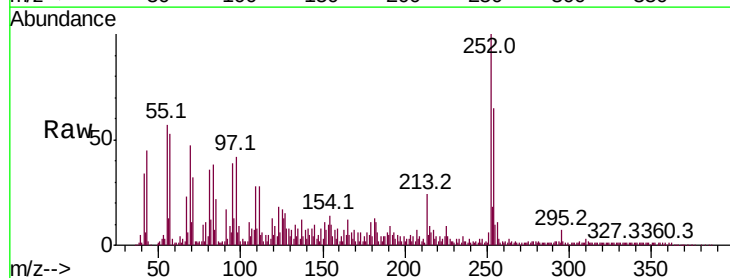
Tgt Ion:252 Resp: 146286

Ion Ratio Lower Upper

252 100

254 65.1 51.2 76.8

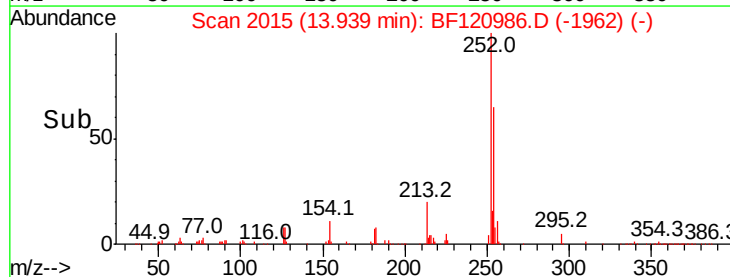
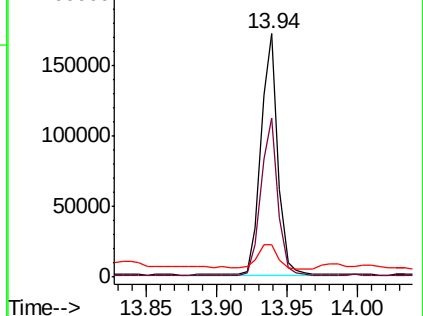
126 13.3 8.7 13.1#

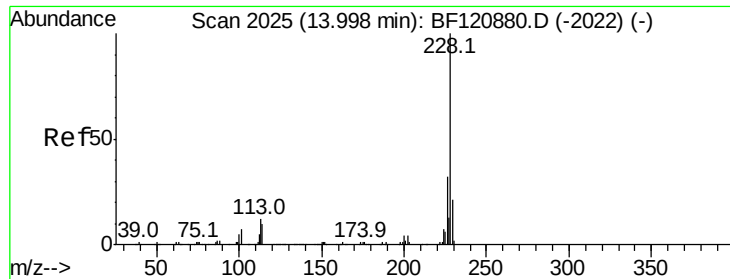


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.054 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

Instrument :

BNA_F

ClientSampleId :

VNJ-241MS

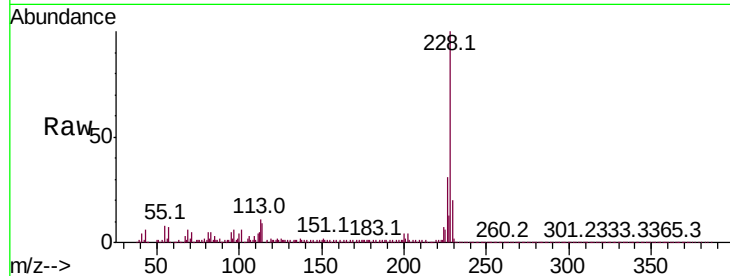
Tot Ion:228 Resp: 902448

Ion Ratio Lower Upper

228 100

226 30.6 25.6 38.4

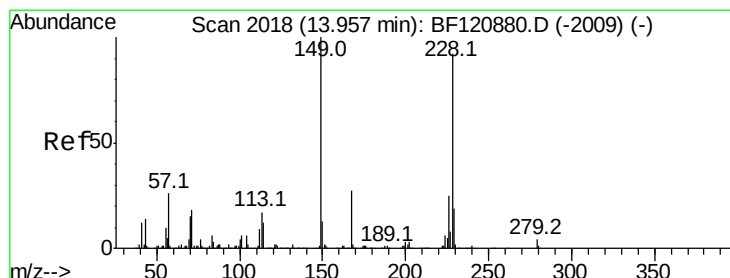
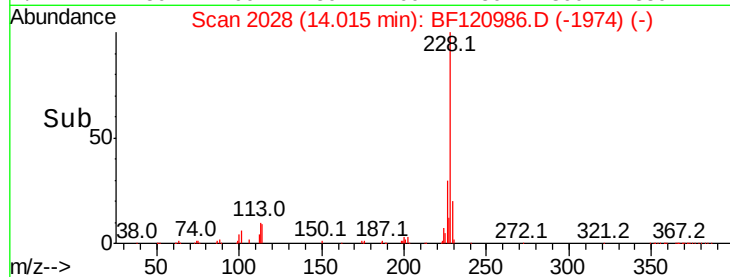
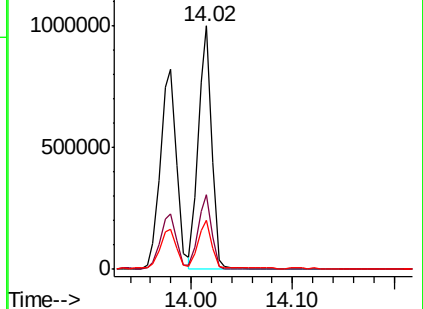
229 20.2 16.8 25.2



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: 49.165 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120986.D

Acq: 23 Jul 2020 17:51

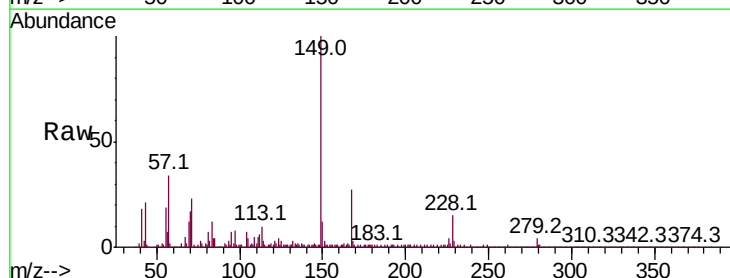
Tgt Ion:149 Resp: 660042

Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

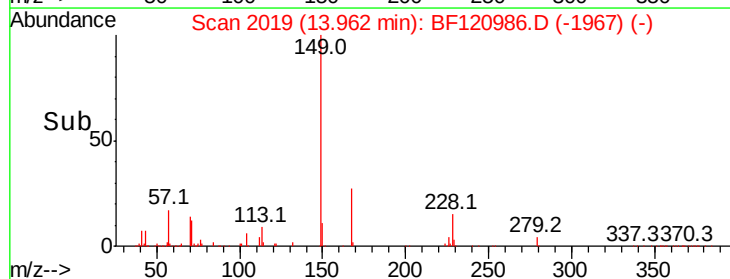
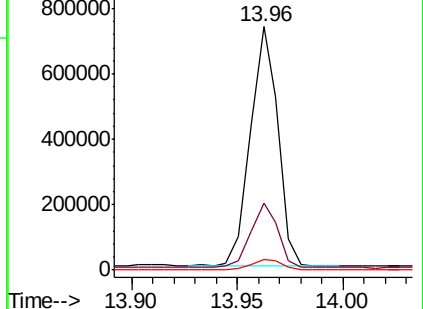
279 4.3 3.0 4.4

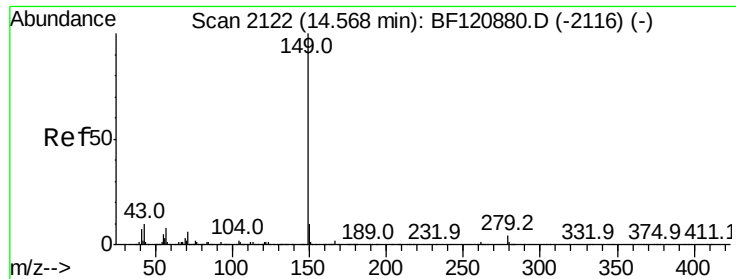


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

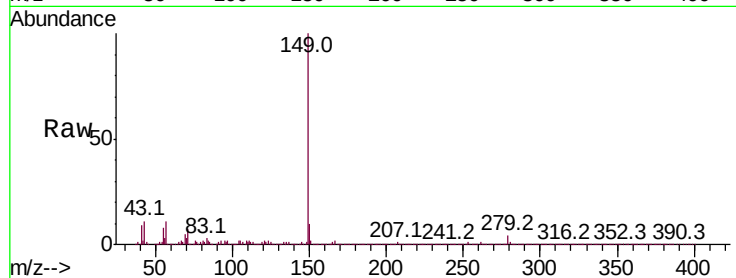




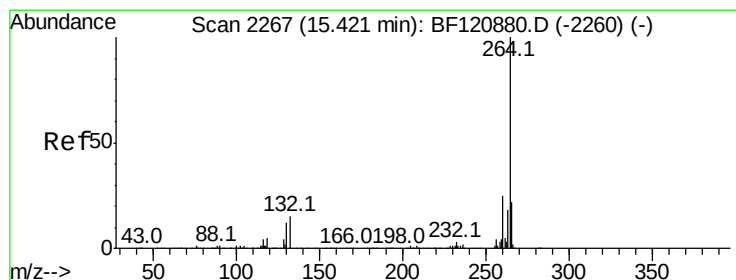
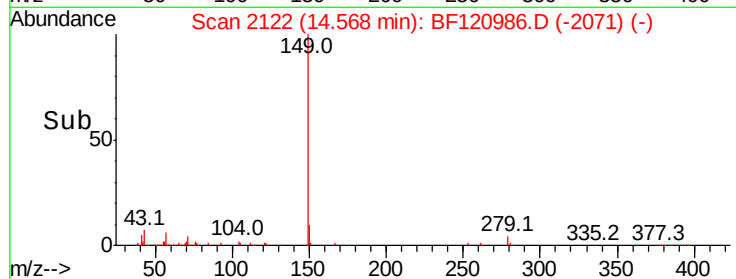
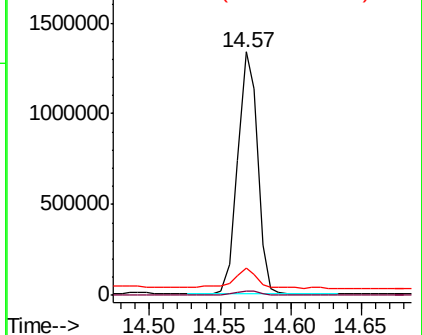
#85
Di-n-octyl phthalate
Concen: 48.601 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

Tot Ion:149 Resp: 1298096
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.3 7.6 11.4

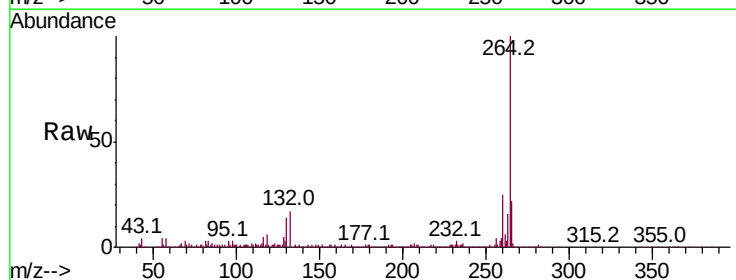


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

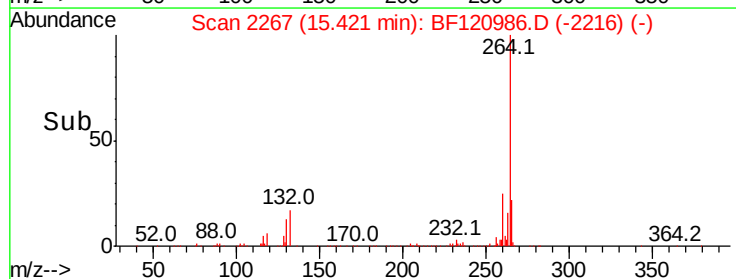
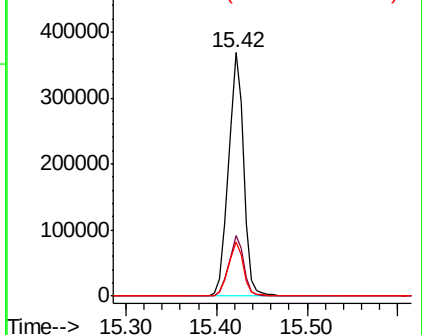


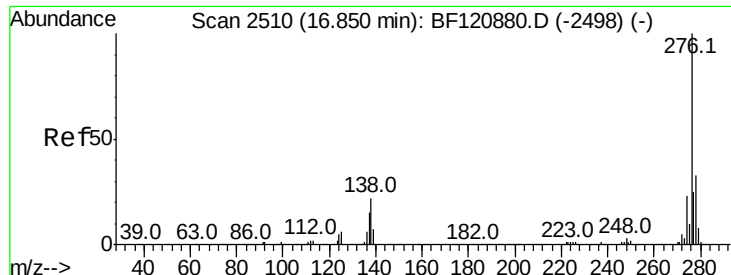
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion:264 Resp: 430831
Ion Ratio Lower Upper
264 100
260 24.9 20.0 30.0
265 22.3 17.4 26.2



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



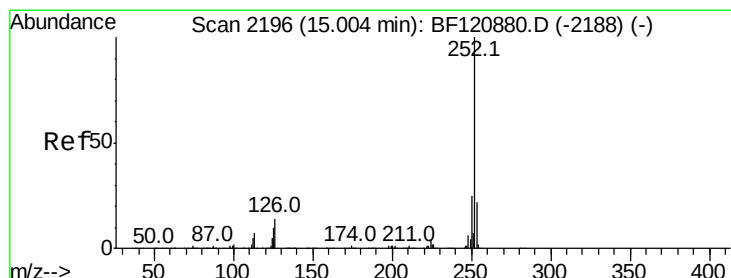
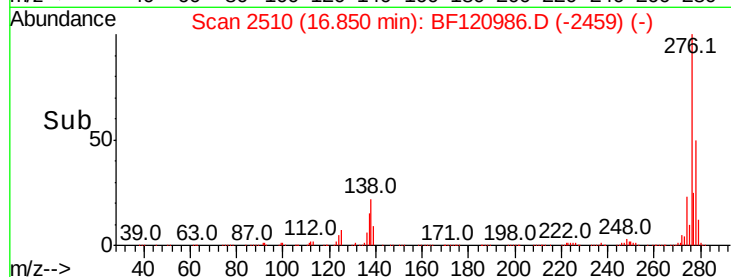
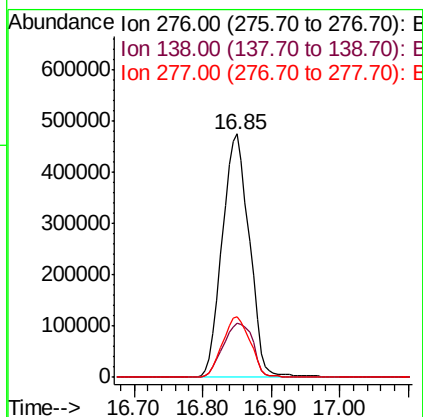
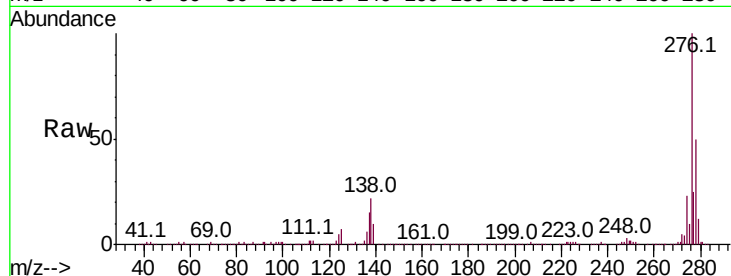


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.533 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MS

Tot Ion:276 Resp: 1304369

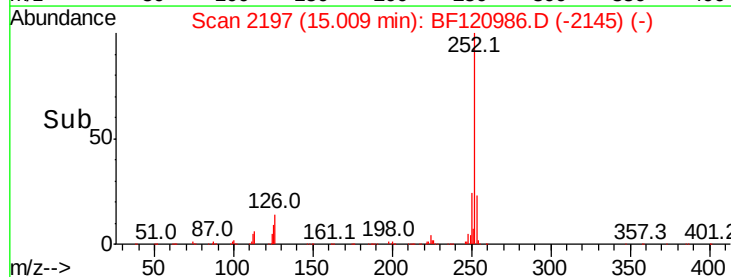
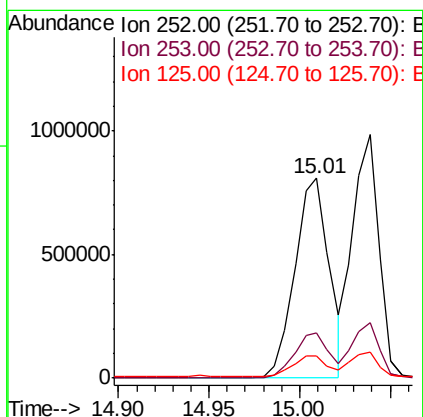
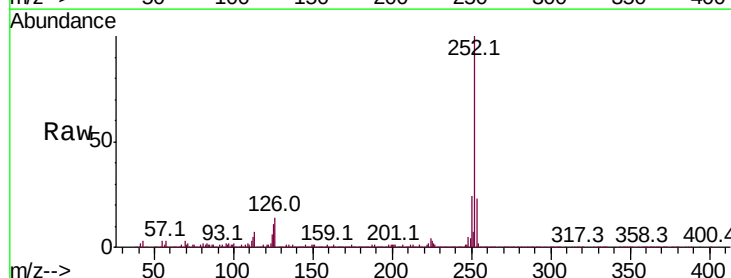
Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
277	25.5	20.2	30.2

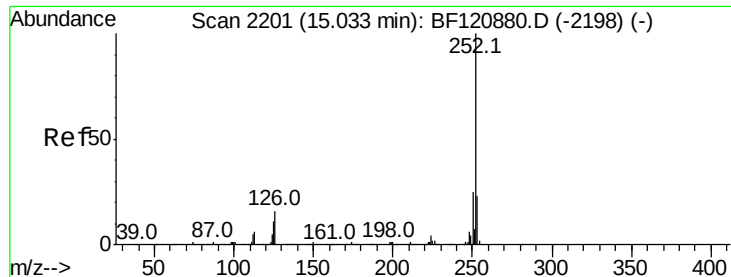


#88
 Benzo(b)fluoranthene
 Concen: 41.236 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120986.D
 Acq: 23 Jul 2020 17:51

Tgt Ion:252 Resp: 1073883

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.8	8.3	12.5

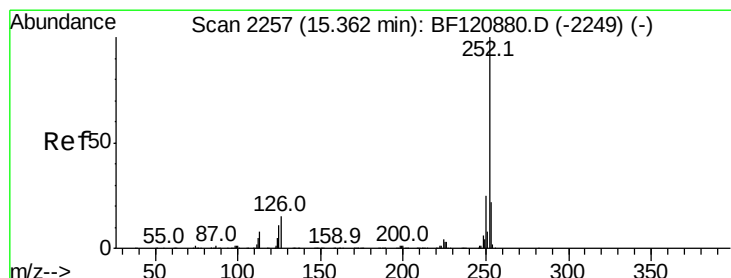
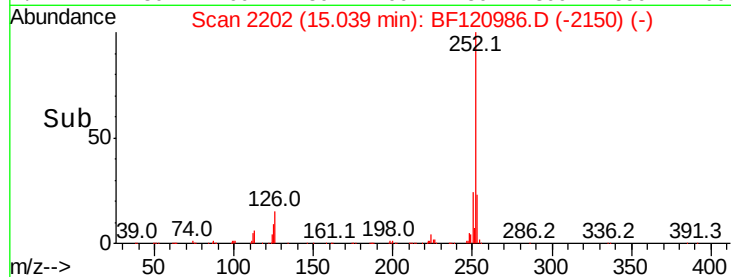
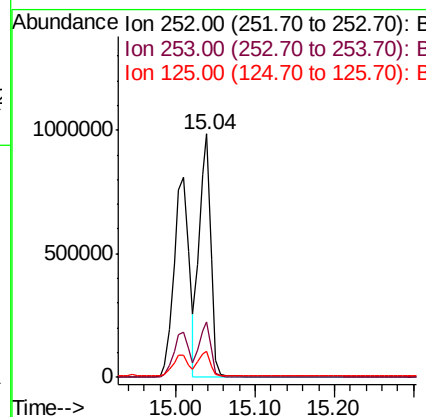
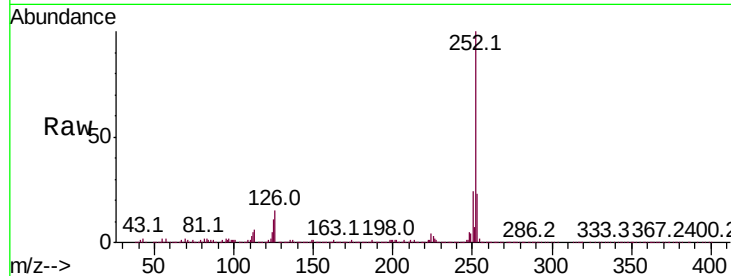




#89
Benzo(k)fluoranthene
Concen: 42.536 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

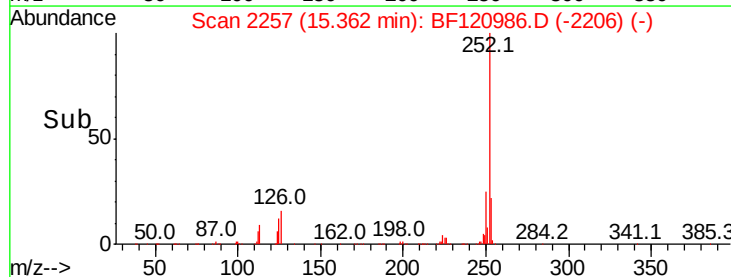
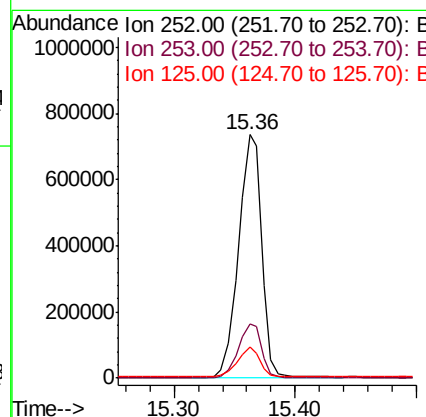
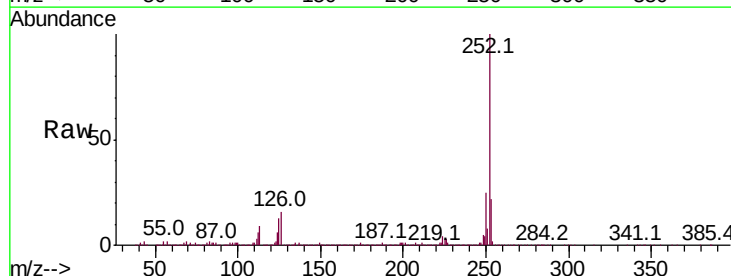
Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

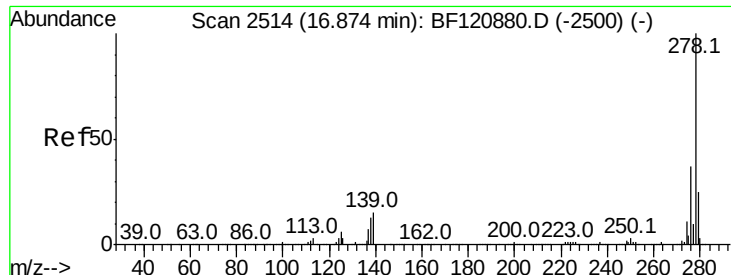
Tot Ion:252 Resp: 1010237
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 41.426 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion:252 Resp: 984283
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 12.7 8.9 13.3

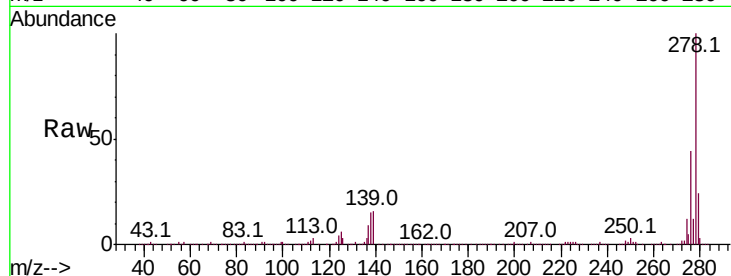




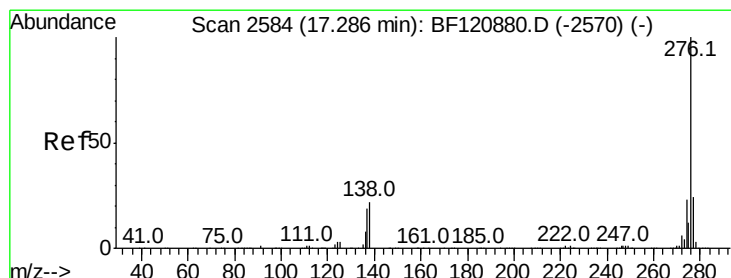
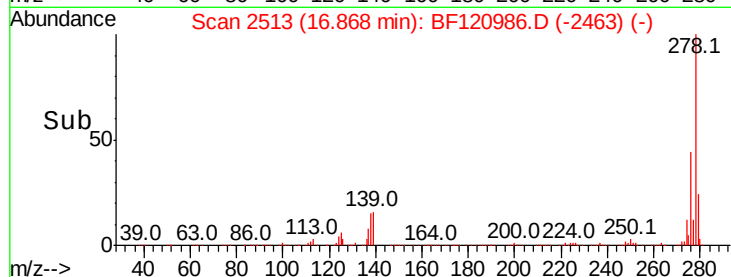
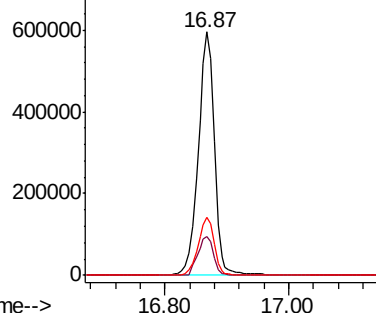
#91
Dibenzo(a,h)anthracene
Concen: 44.351 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Instrument :
BNA_F
ClientSampleId :
VNJ-241MS

Tot Ion:278 Resp: 1085495
Ion Ratio Lower Upper
278 100
139 16.1 12.3 18.5
279 23.9 20.1 30.1

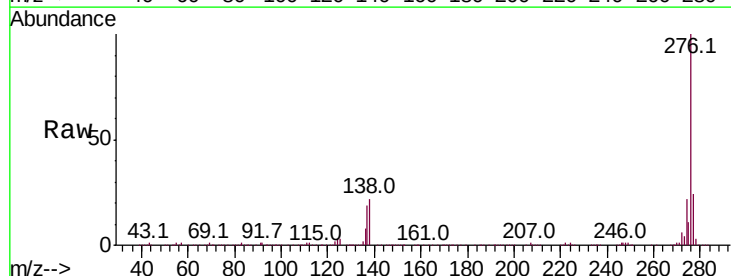


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.172 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BF120986.D
Acq: 23 Jul 2020 17:51

Tgt Ion:276 Resp: 1114236
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 22.4 17.5 26.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

