

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119970.D
 Acq On : 14 Apr 2020 23:30
 Operator : MA/SJ
 Sample : L2195-04MS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Quant Time: Apr 15 02:32:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	182393	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	717695	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	374999	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	727590	20.00	ng	0.00
76) Chrysene-d12	13.90	240	519935	20.00	ng	0.00
87) Perylene-d12	15.33	264	430681	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1332777	126.28	ng	0.02
7) Phenol-d6	6.37	99	1572017	115.59	ng	0.00
23) Nitrobenzene-d5	7.30	82	1131176	81.54	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	508691	110.80	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2207073	83.56	ng	0.00
79) Terphenyl-d14	12.86	244	2499479	80.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.59	88	167366	35.604	ng	# 80
3) Pyridine	3.28	79	348652	27.033	ng	97
4) n-Nitrosodimethylamine	3.18	42	251241	38.127	ng	94
6) Aniline	6.40	93	275267	15.422	ng	# 88
8) 2-Chlorophenol	6.52	128	543465	46.086	ng	98
9) Benzaldehyde	6.28	77	194515	21.437	ng	98
10) Phenol	6.39	94	592531	38.405	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	536112	45.004	ng	99
12) 1,3-Dichlorobenzene	6.67	146	542987	42.059	ng	99
13) 1,4-Dichlorobenzene	6.75	146	545798	41.502	ng	99
14) 1,2-Dichlorobenzene	6.90	146	508719	41.974	ng	98
15) Benzyl Alcohol	6.88	79	416637	39.444	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	911477	39.320	ng	95
17) 2-Methylphenol	7.00	107	456089	43.339	ng	97
18) Hexachloroethane	7.25	117	208089	42.339	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	383011	43.797	ng	99
20) 3+4-Methylphenols	7.15	107	534025	41.491	ng	92
22) Acetophenone	7.15	105	737148	43.862	ng	99
24) Nitrobenzene	7.32	77	573088	41.065	ng	97
25) Isophorone	7.56	82	1075359	40.211	ng	100
26) 2-Nitrophenol	7.64	139	297597	42.683	ng	91
27) 2,4-Dimethylphenol	7.68	122	464127	44.138	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	674376	42.854	ng	99
29) 2,4-Dichlorophenol	7.88	162	461127	42.782	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	491595	40.252	ng	99
31) Naphthalene	8.04	128	1596453	42.279	ng	99
32) Benzoic acid	7.81	122	337778	36.575	ng	93
33) 4-Chloroaniline	8.09	127	204826	12.460	ng	98
34) Hexachlorobutadiene	8.16	225	278174	38.050	ng	98
35) Caprolactam	8.46	113	49882	15.129	ng	88
36) 4-Chloro-3-methylphenol	8.58	107	504513	43.233	ng	96
37) 2-Methylnaphthalene	8.73	142	1091770	42.647	ng	100
38) 1-Methylnaphthalene	8.83	142	1020063	42.275	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	473684	39.993	ng	99

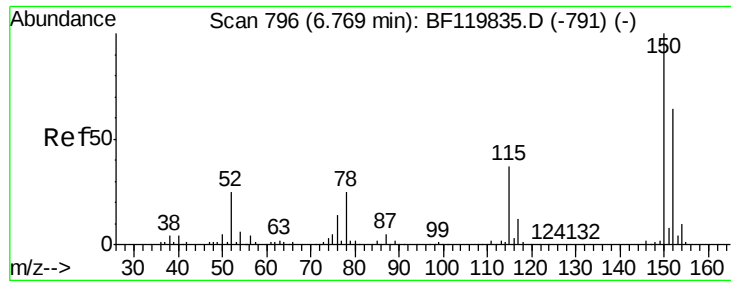
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	479826	71.244	ng	98
43) 2,4,6-Trichlorophenol	9.02	196	356160	43.546	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	358217	38.887	ng	97
46) 1,1'-Biphenyl	9.20	154	1307536	41.310	ng	99
47) 2-Chloronaphthalene	9.23	162	1018305	41.763	ng	99
48) 2-Nitroaniline	9.32	65	373234	42.240	ng	97
49) Acenaphthylene	9.64	152	1606091	43.312	ng	100
50) Dimethylphthalate	9.51	163	1212993	41.819	ng	99
51) 2,6-Dinitrotoluene	9.57	165	271547	42.752	ng	88
52) Acenaphthene	9.82	154	972302	39.307	ng	99
53) 3-Nitroaniline	9.73	138	167477	23.087	ng	97
54) 2,4-Dinitrophenol	9.85	184	261434	68.748	ng	95
55) Dibenzofuran	9.99	168	1454369	42.846	ng	99
56) 4-Nitrophenol	9.90	139	406091	75.236	ng	98
57) 2,4-Dinitrotoluene	9.97	165	362277	43.290	ng	99
58) Fluorene	10.33	166	1136498	41.865	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	315289	44.751	ng	96
60) Diethylphthalate	10.21	149	1249721	41.571	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	546621	39.286	ng	97
62) 4-Nitroaniline	10.36	138	286473	41.437	ng	95
63) Azobenzene	10.48	77	1184660	43.972	ng	97
65) 4,6-Dinitro-2-methylphenol	10.38	198	183477	38.277	ng	83
66) n-Nitrosodiphenylamine	10.45	169	1037377	42.871	ng	98
67) 4-Bromophenyl-phenylether	10.81	248	340775	37.662	ng	94
68) Hexachlorobenzene	10.87	284	367802	40.069	ng	96
69) Atrazine	10.97	200	318804	47.353	ng	96
70) Pentachlorophenol	11.07	266	399032	75.435	ng	99
71) Phenanthrene	11.29	178	1658411	42.827	ng	98
72) Anthracene	11.35	178	1697565	42.913	ng	100
73) Carbazole	11.50	167	1581941	42.288	ng	98
74) Di-n-butylphthalate	11.83	149	2000277	40.675	ng	100
75) Fluoranthene	12.48	202	1829547	43.788	ng	98
77) Benzidine	12.60	184	357456	20.339	ng	97
78) Pyrene	12.70	202	1831134	41.777	ng	99
80) Butylbenzylphthalate	13.33	149	854584	40.181	ng	95
81) Benzo(a)anthracene	13.89	228	1414450	41.353	ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	349280	27.368	ng	95
83) Chrysene	13.93	228	1493110	42.961	ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1133018	39.338	ng	99
85) Di-n-octyl phthalate	14.50	149	2023812	41.268	ng	98
86) Indeno(1,2,3-cd)pyrene	16.72	276	1217407	39.738	ng	97
88) Benzo(b)fluoranthene	14.92	252	1321253	42.646	ng	98
89) Benzo(k)fluoranthene	14.95	252	1308189	48.937	ng	98
90) Benzo(a)pyrene	15.27	252	1140522	43.782	ng	99
91) Dibenzo(a,h)anthracene	16.74	278	1024942	44.419	ng	96
92) Benzo(g,h,i)perylene	17.14	276	976730	42.882	ng	# 95

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

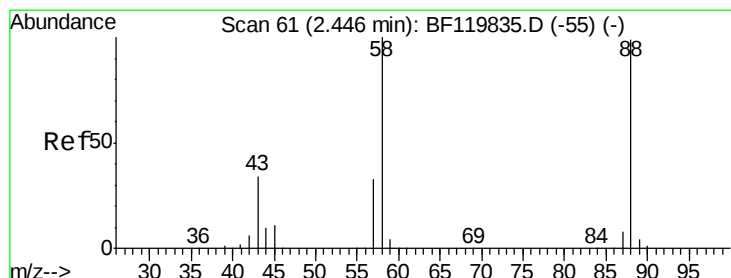
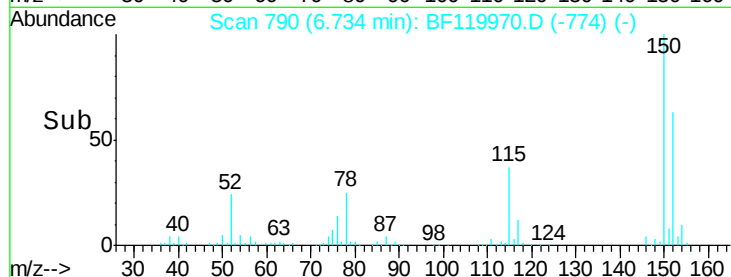
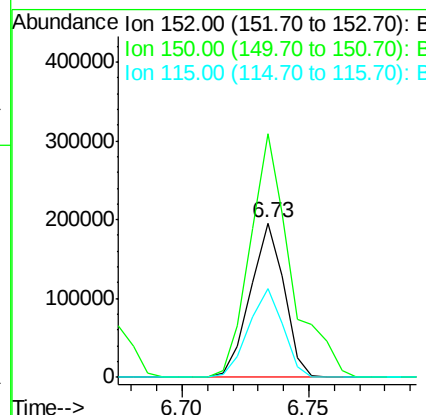
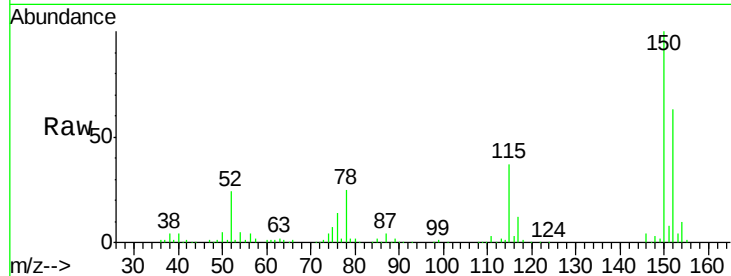


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

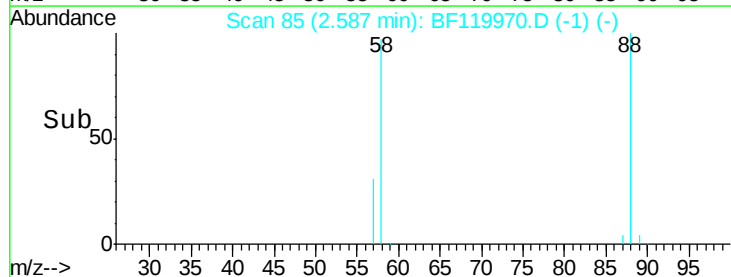
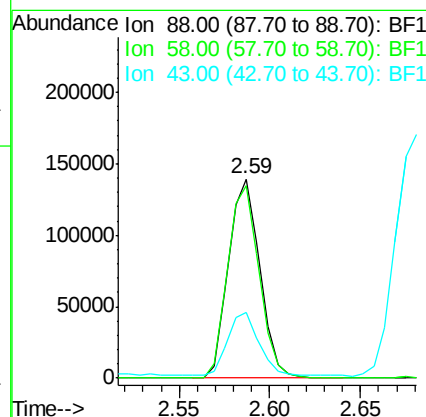
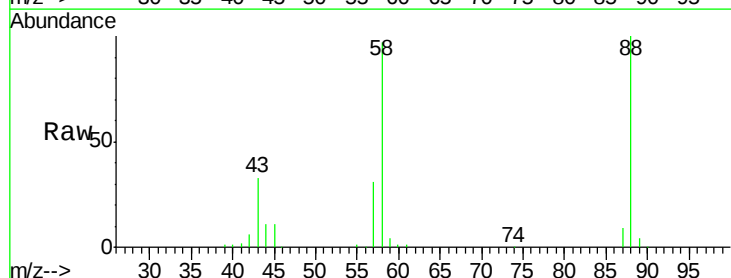
Tot Ion:152 Resp: 182393
Ion Ratio Lower Upper
152 100
150 157.6 124.8 187.2
115 57.6 46.5 69.7

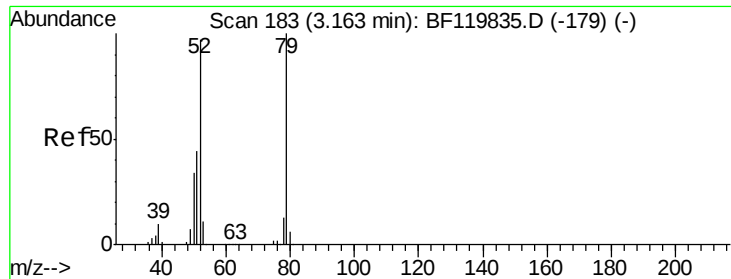


#2

1,4-Dioxane
Concen: 35.604 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.19 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion: 88 Resp: 167366
Ion Ratio Lower Upper
88 100
58 97.6 82.6 123.8
43 0.0 28.6 42.8#





#3

Pvridine

Concen: 27.033 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.18 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

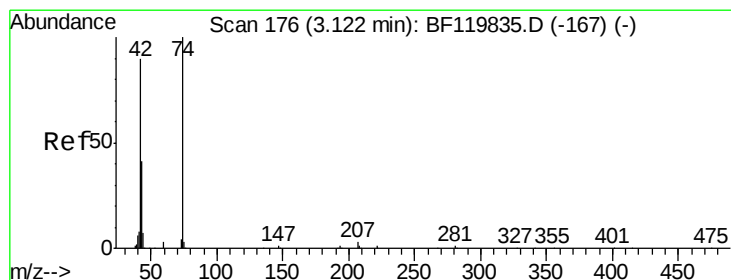
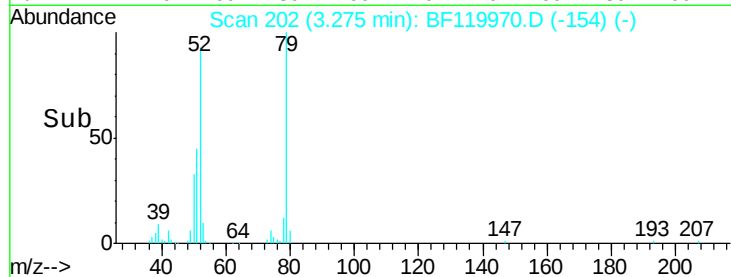
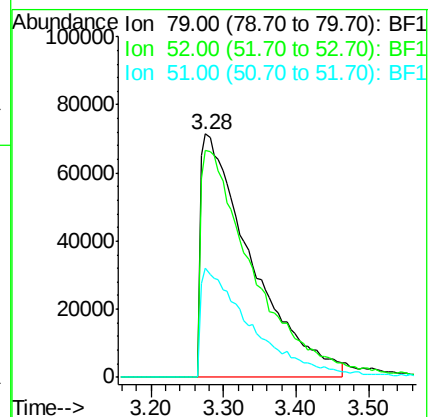
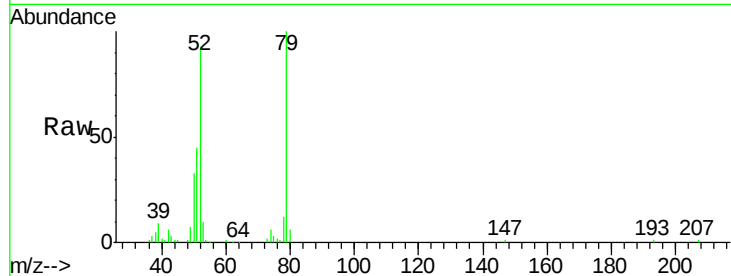
Tot Ion: 79 Resp: 348652

Ion Ratio Lower Upper

79 100

52 93.4 77.4 116.0

51 44.7 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 38.127 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.12 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

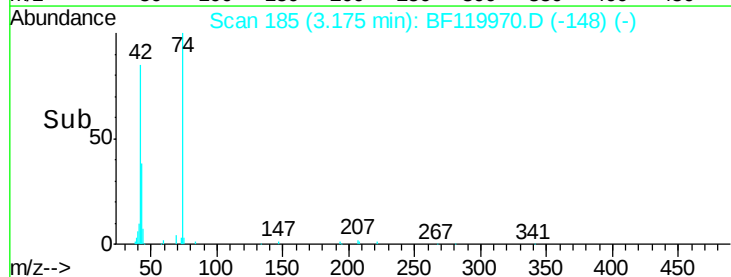
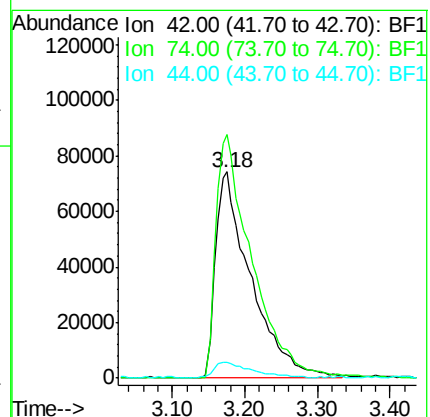
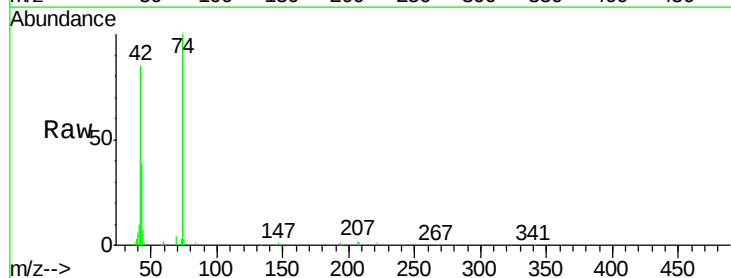
Tgt Ion: 42 Resp: 251241

Ion Ratio Lower Upper

42 100

74 118.2 89.0 133.4

44 7.9 6.2 9.4





#5

2-Fluorophenol

Concen: 126.281 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.02 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

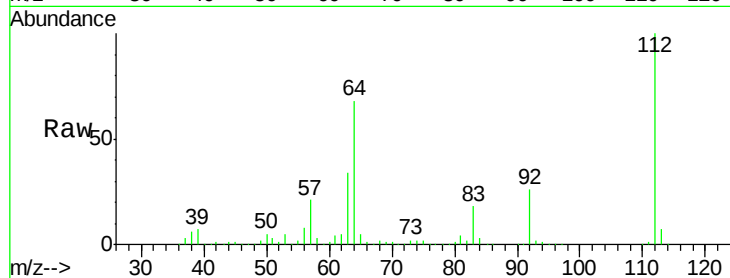
Tot Ion:112 Resp: 1332777

Ion Ratio Lower Upper

112 100

64 68.2 55.5 83.3

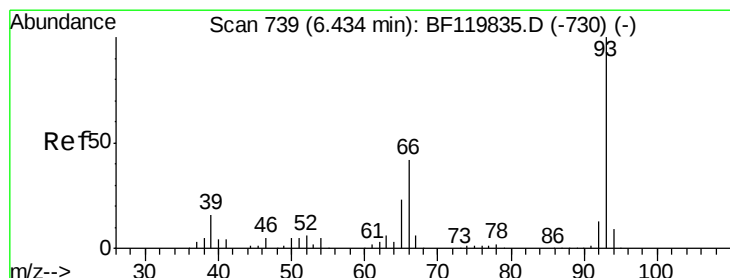
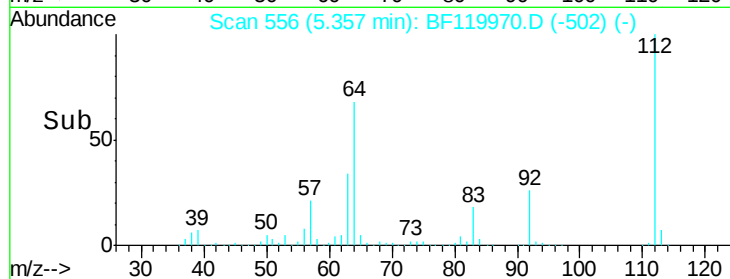
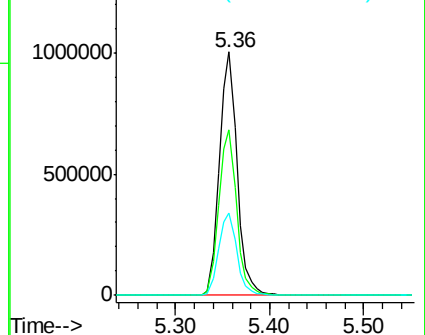
63 33.8 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.422 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

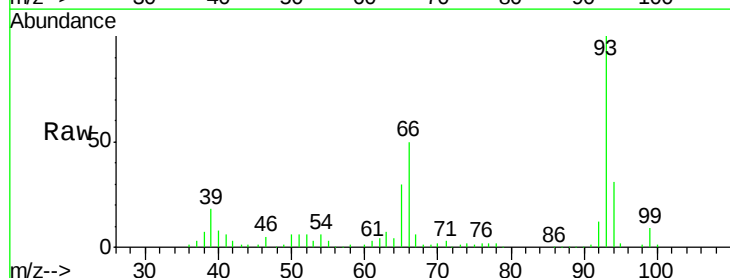
Tgt Ion: 93 Resp: 275267

Ion Ratio Lower Upper

93 100

66 49.6 34.2 51.2

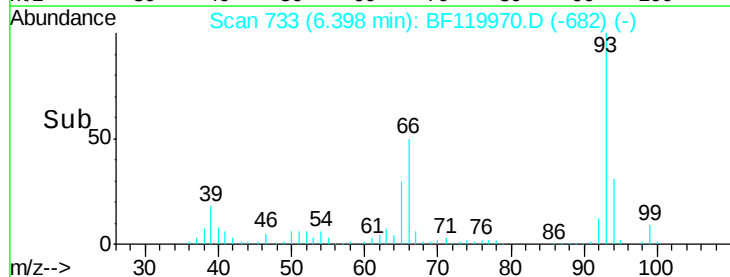
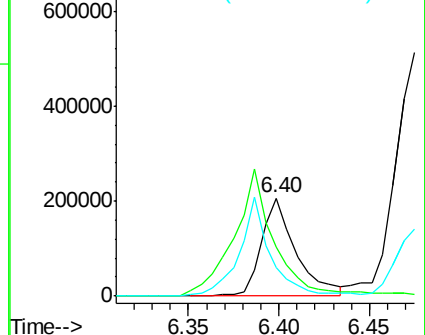
65 29.8 18.3 27.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.595 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

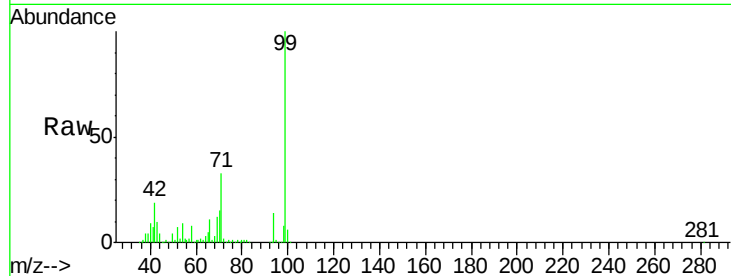
Tot Ion: 99 Resp: 1572017

Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.9	25.3
71	32.8	26.3	39.5

99 100

42 19.2 16.9 25.3

71 32.8 26.3 39.5

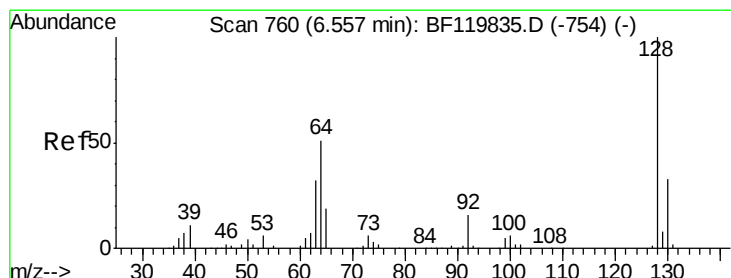
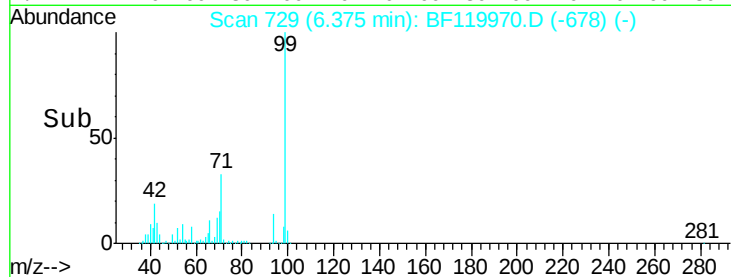
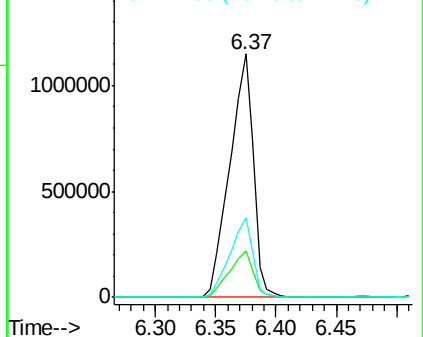


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.086 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

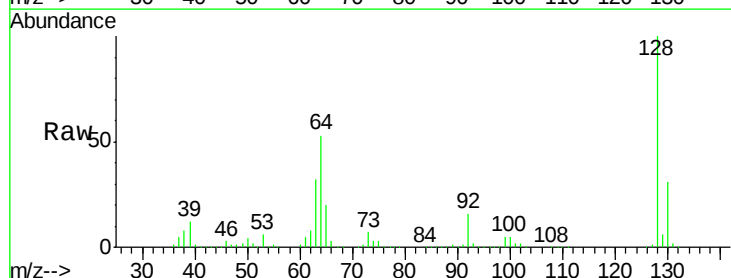
Tgt Ion: 128 Resp: 543465

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.6	52.6
64	53.2	32.0	72.0

128 100

130 31.4 12.6 52.6

64 53.2 32.0 72.0

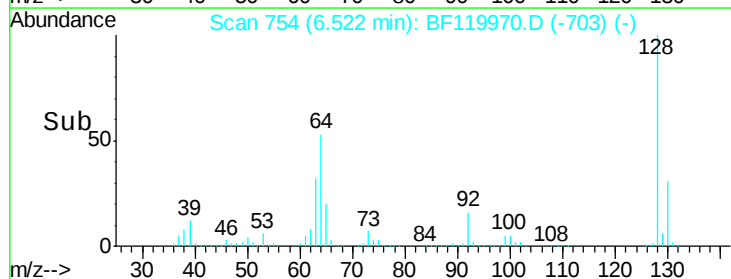
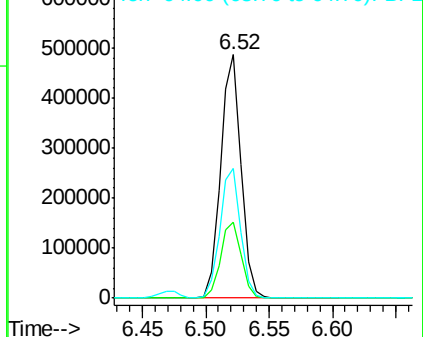


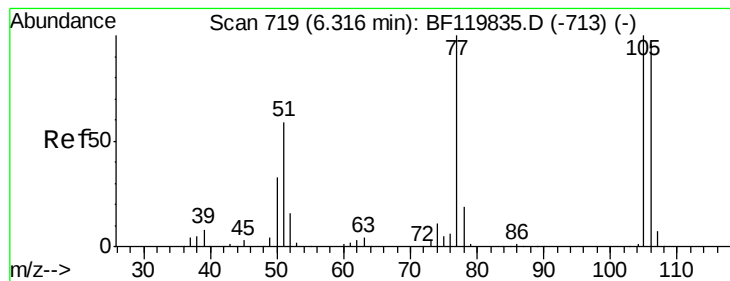
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 21.437 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

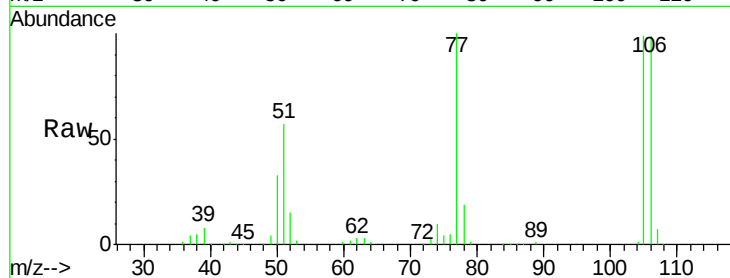
Tot Ion: 77 Resp: 194515

Ion Ratio Lower Upper

77 100

105 99.1 79.9 119.9

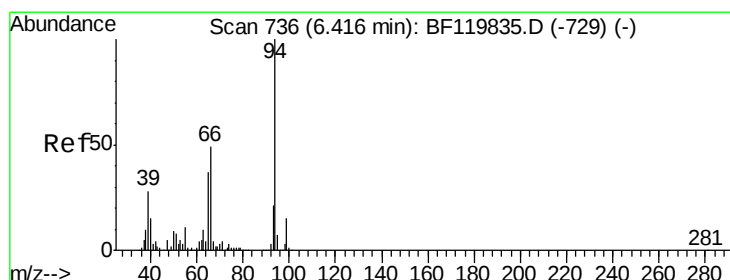
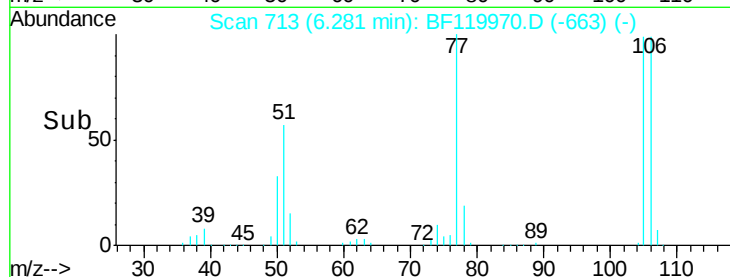
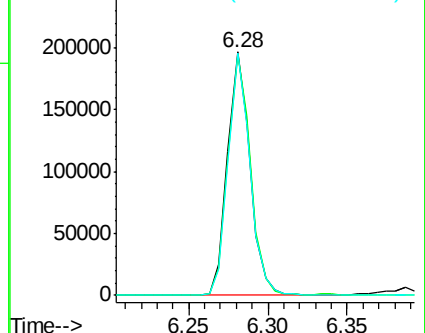
106 99.3 76.4 116.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.405 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

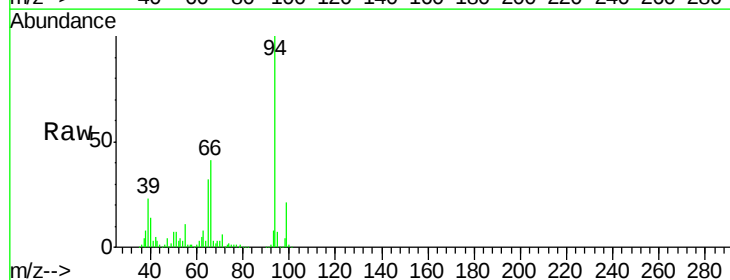
Tgt Ion: 94 Resp: 592531

Ion Ratio Lower Upper

94 100

65 32.0 16.6 56.6

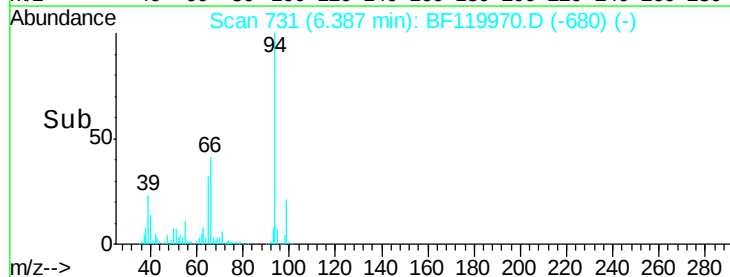
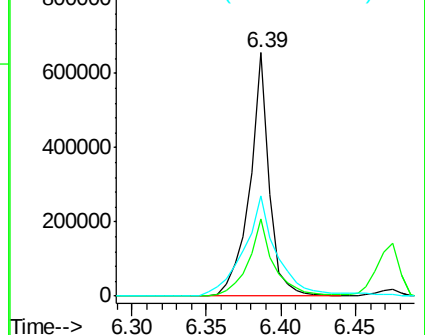
66 41.0 29.3 69.3

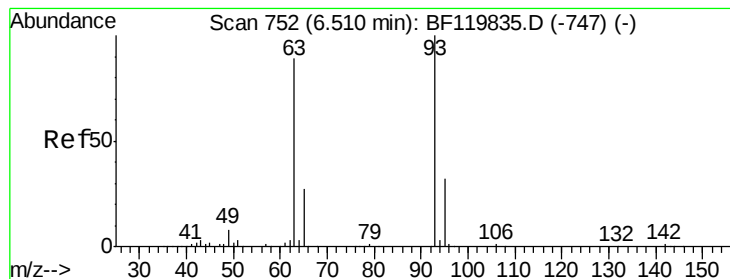


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 45.004 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

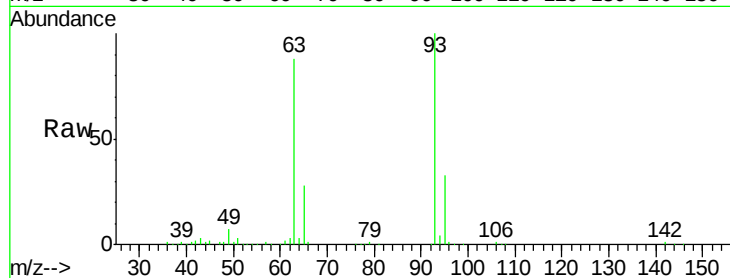
Tot Ion: 93 Resp: 536112

Ion Ratio Lower Upper

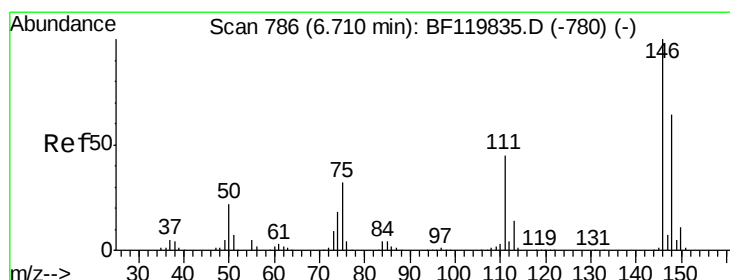
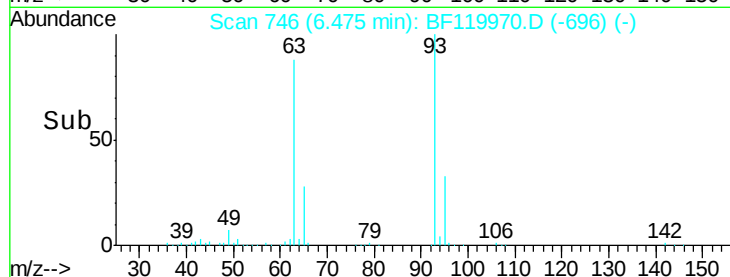
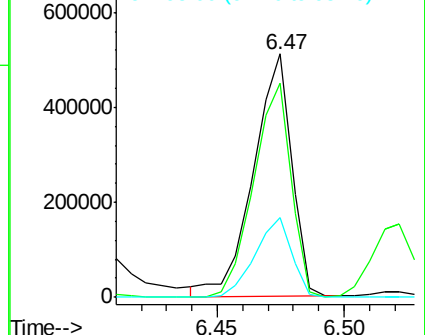
93 100

63 88.0 69.1 109.1

95 32.9 12.3 52.3



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



#12

1,3-Dichlorobenzene

Concen: 42.059 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

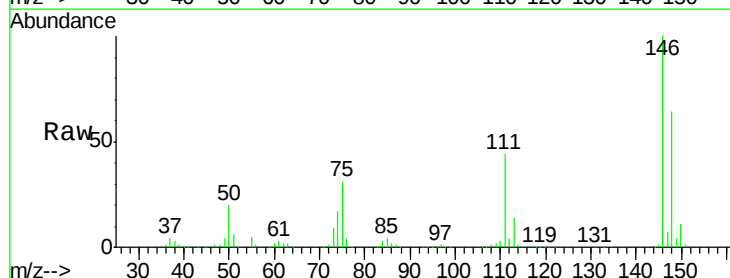
Tgt Ion: 146 Resp: 542987

Ion Ratio Lower Upper

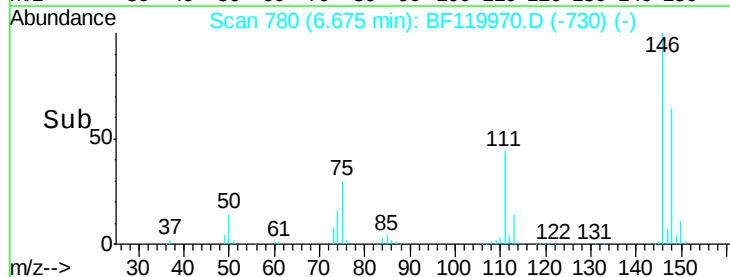
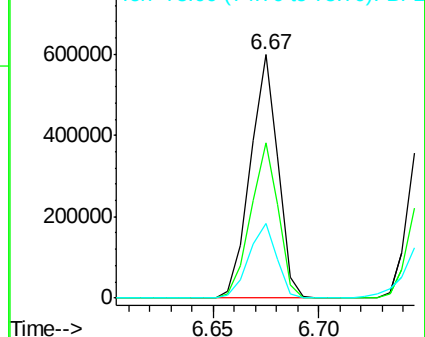
146 100

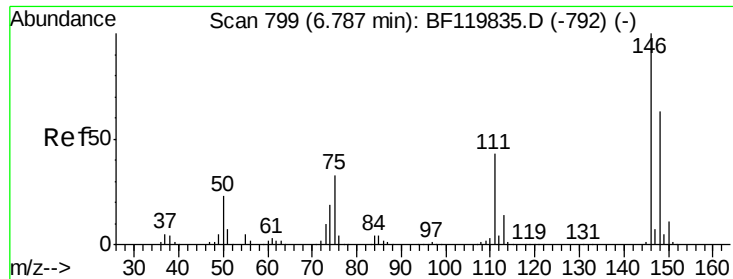
148 63.9 51.3 76.9

75 30.8 25.3 37.9



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

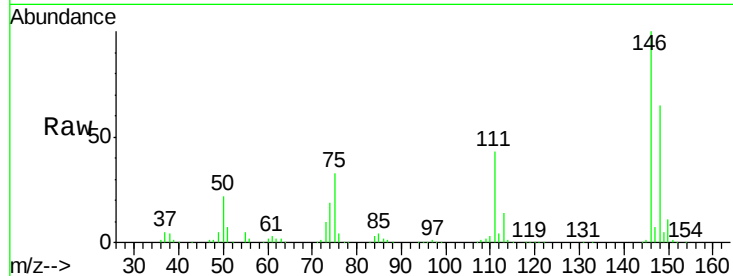




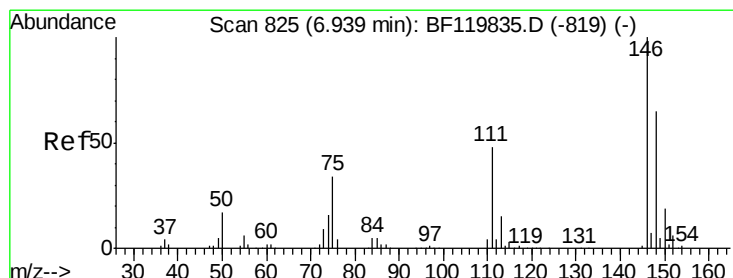
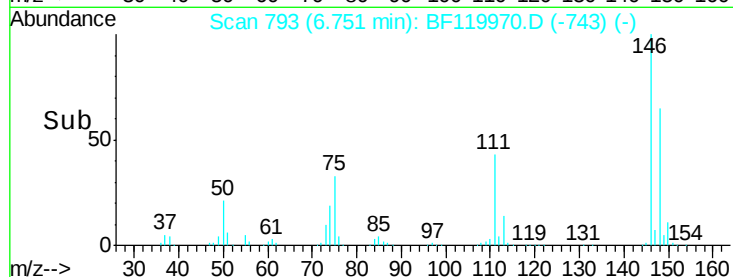
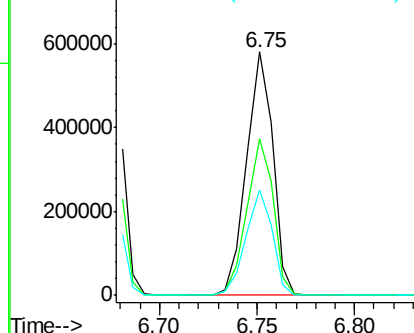
#13
 1,4-Dichlorobenzene
 Concen: 41.502 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Tot Ion:146 Resp: 545798
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.5 75.7
 111 43.4 34.7 52.1

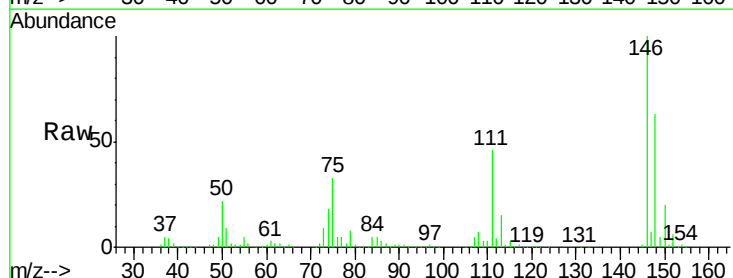


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

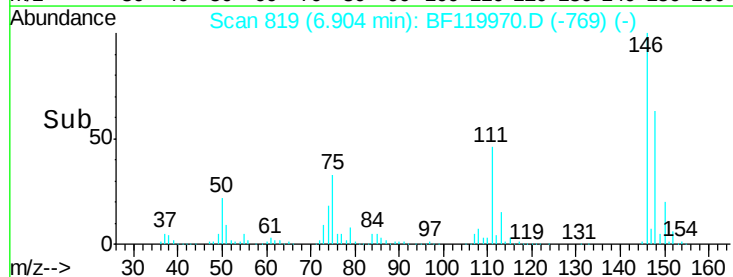
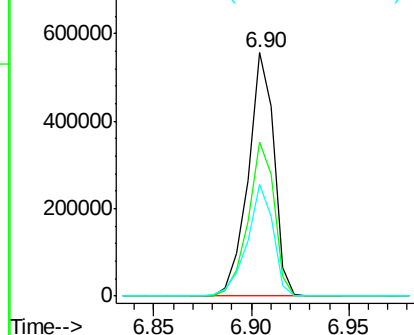


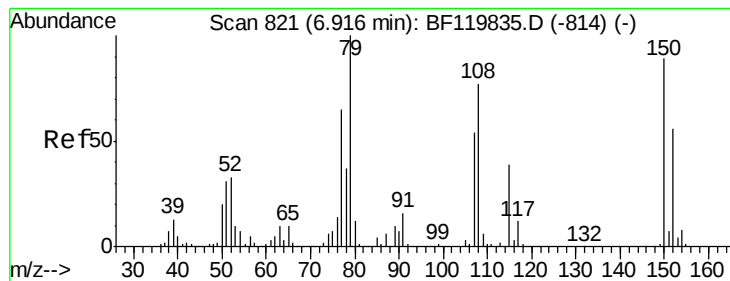
#14
 1,2-Dichlorobenzene
 Concen: 41.974 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion:146 Resp: 508719
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.8 77.8
 111 45.8 38.0 57.0



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





#15

Benzyl Alcohol

Concen: 39.444 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

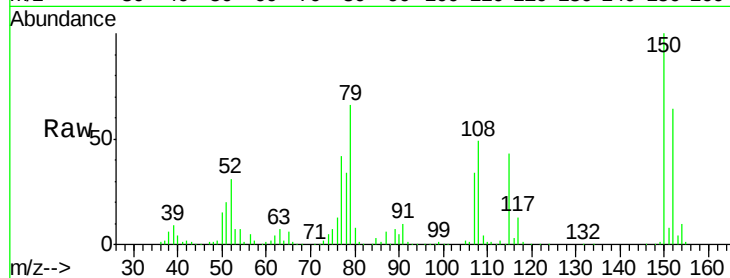
Tot Ion: 79 Resp: 416637

Ion Ratio Lower Upper

79 100

108 74.5 62.0 93.0

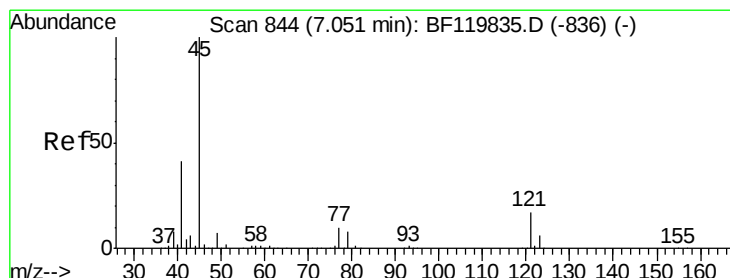
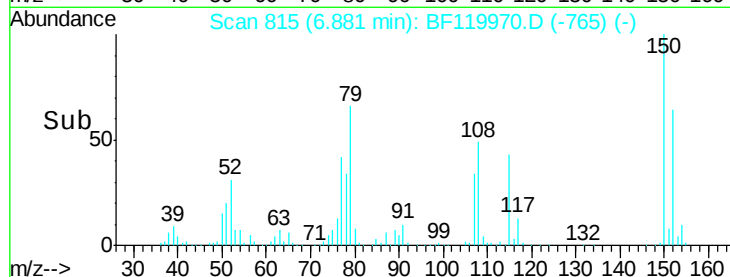
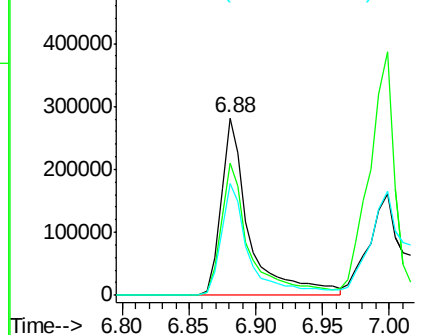
77 63.2 51.8 77.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.320 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

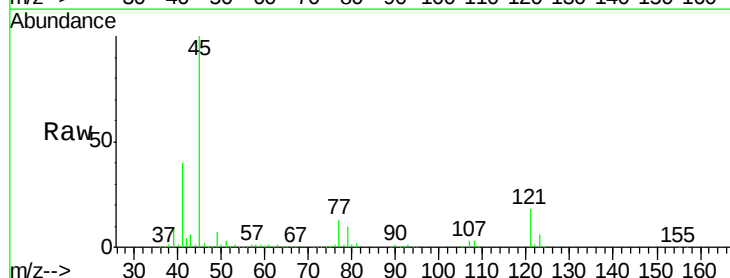
Tgt Ion: 45 Resp: 911477

Ion Ratio Lower Upper

45 100

77 12.8 0.0 30.7

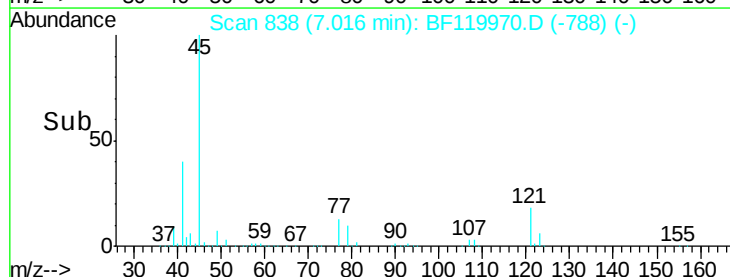
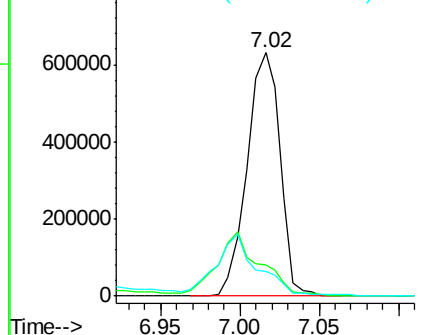
79 10.1 0.0 28.6

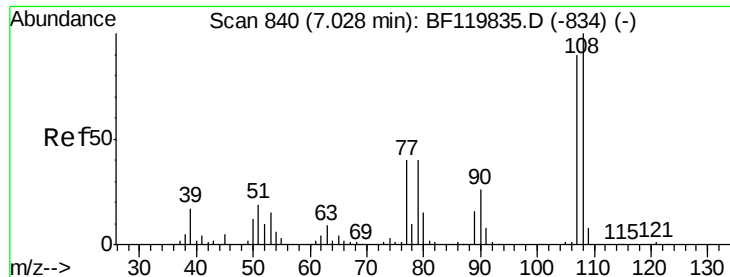


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

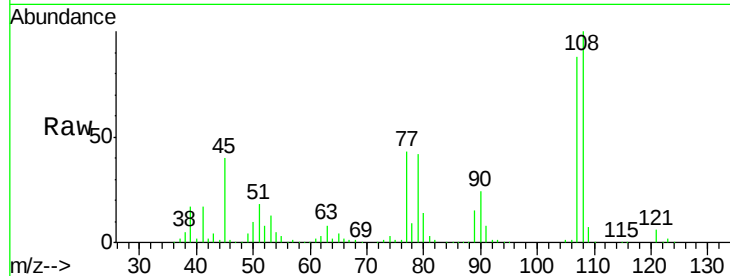




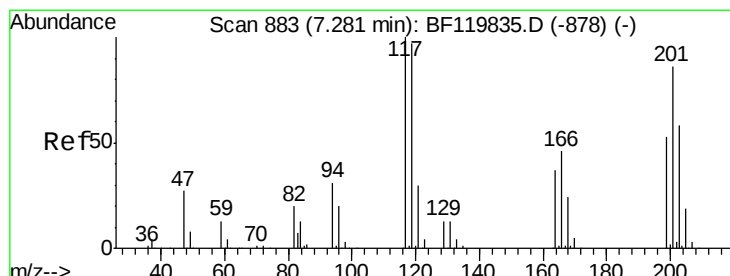
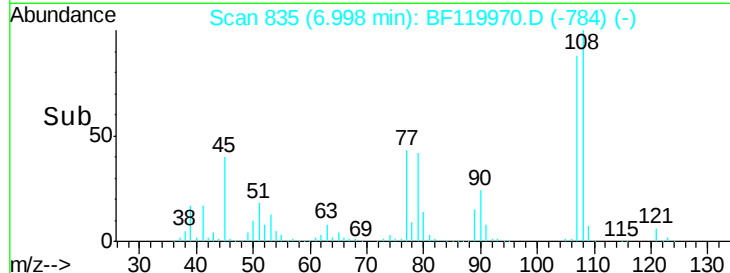
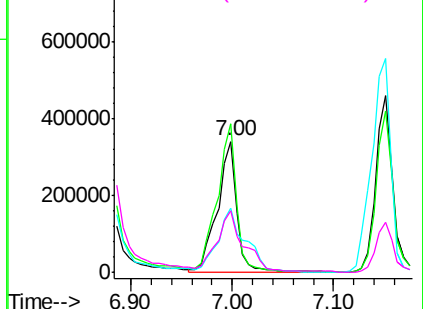
#17
2-Methylphenol
Concen: 43.339 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion:107 Resp: 456089
Ion Ratio Lower Upper
107 100
108 113.3 88.8 133.2
77 48.5 36.0 54.0
79 47.3 35.7 53.5

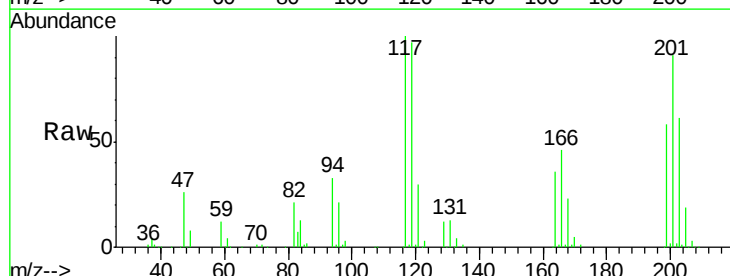


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

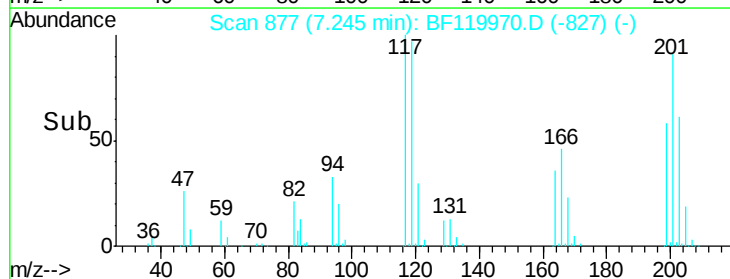
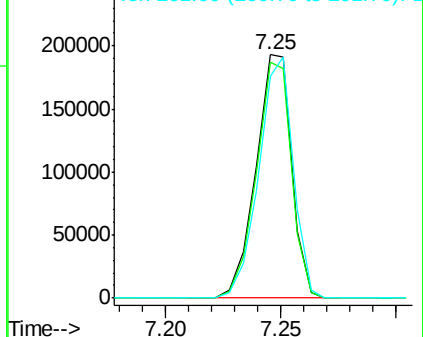


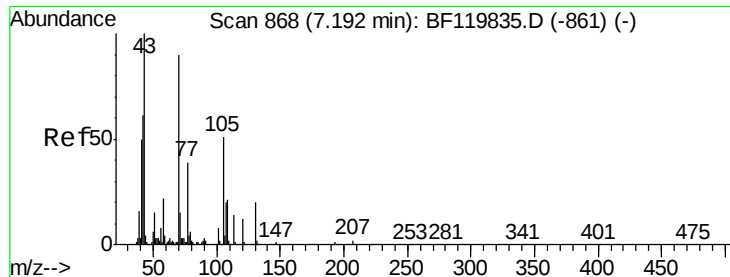
#18
Hexachloroethane
Concen: 42.339 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:117 Resp: 208089
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0
201 91.1 68.4 102.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

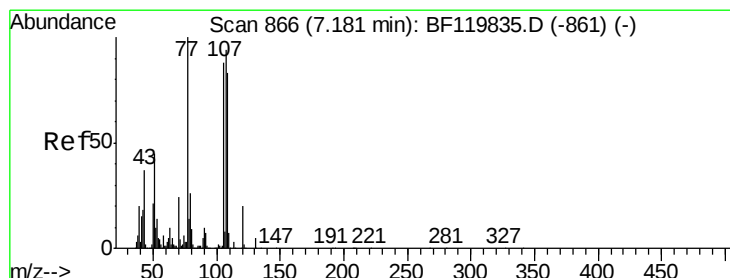
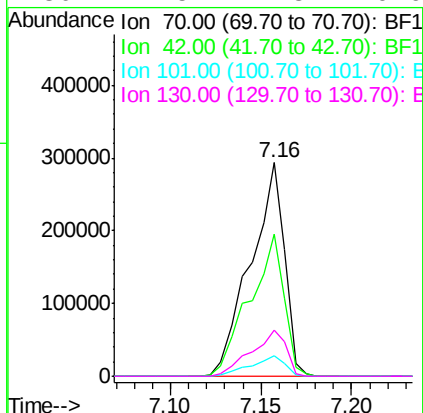
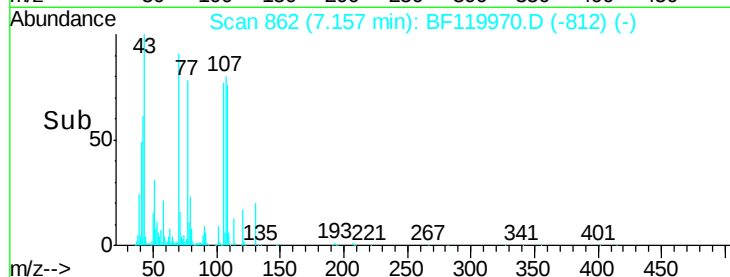
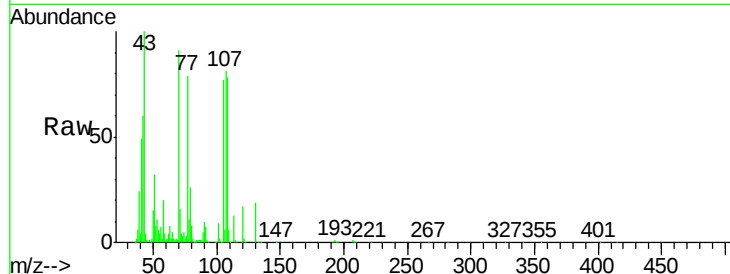




#19
n-Nitroso-di-n-propylamine
Concen: 43.797 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

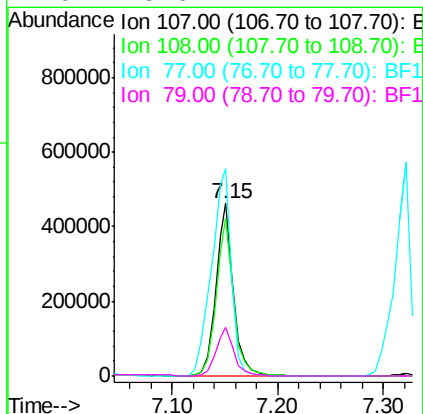
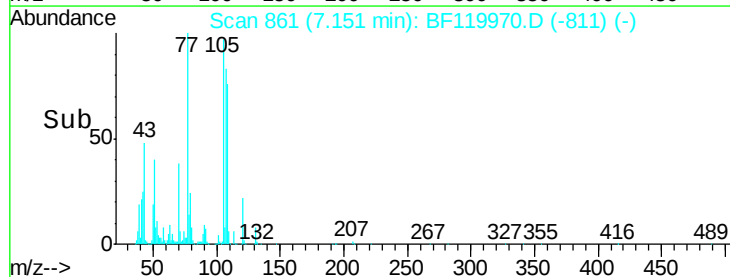
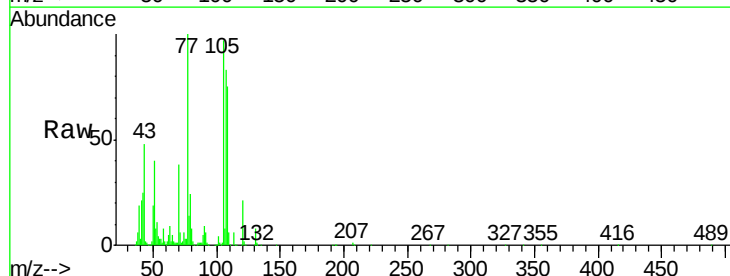
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

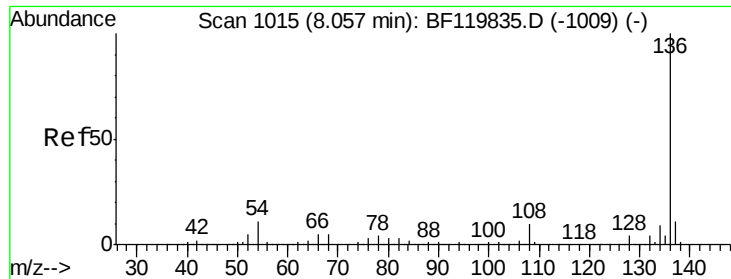
Tot Ion:	70	Resp:	383011
Ion	Ratio	Lower	Upper
70	100		
42	66.6	54.2	81.4
101	9.8	7.4	11.2
130	21.5	17.8	26.6



#20
3+4-Methylphenols
Concen: 41.491 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:	107	Resp:	534025
Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.2	108.2
77	120.7	86.6	126.6
79	28.6	7.7	47.7

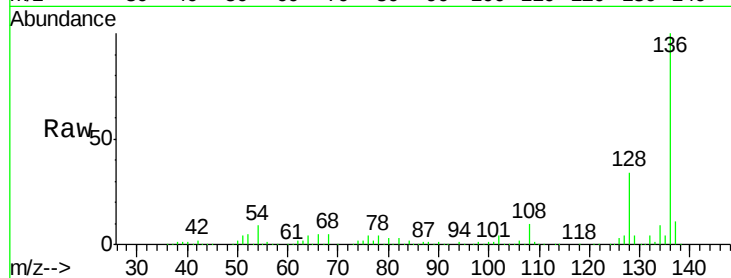




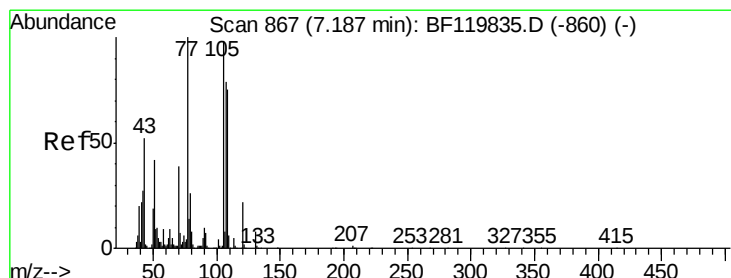
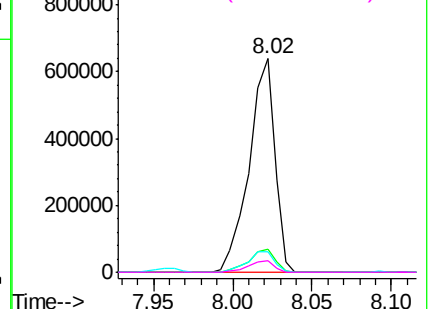
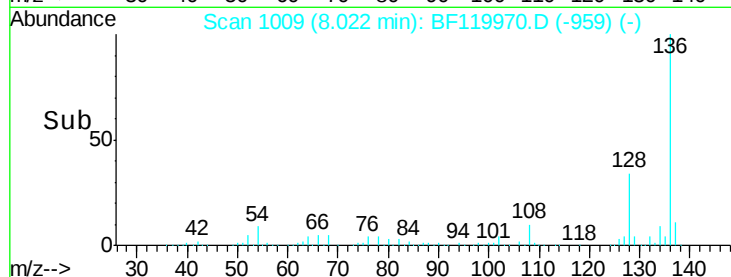
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion:136	Resp:	717695
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.7 13.1
54	9.3	8.5 12.7
68	5.2	3.9 5.9

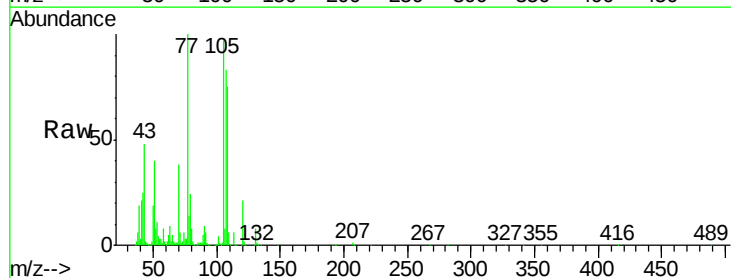


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

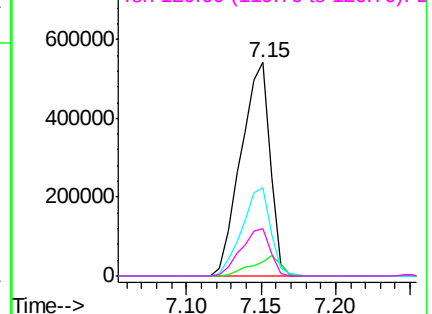
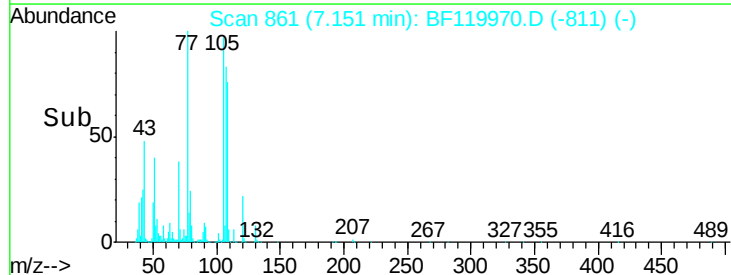


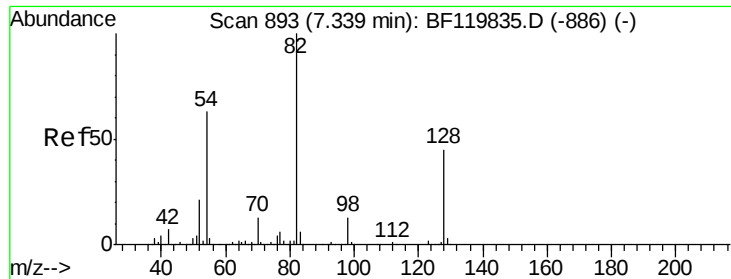
#22
Acetophenone
Concen: 43.862 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:105	Resp:	737148
Ion	Ratio	Lower Upper
105	100	
71	6.6	5.6 8.4
51	41.1	33.9 50.9
120	22.1	17.8 26.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

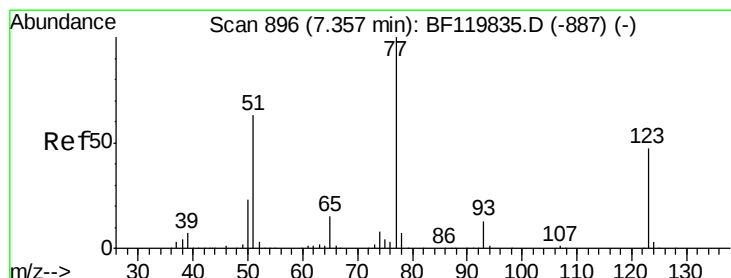
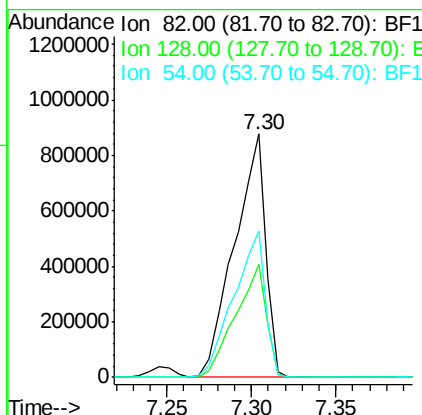
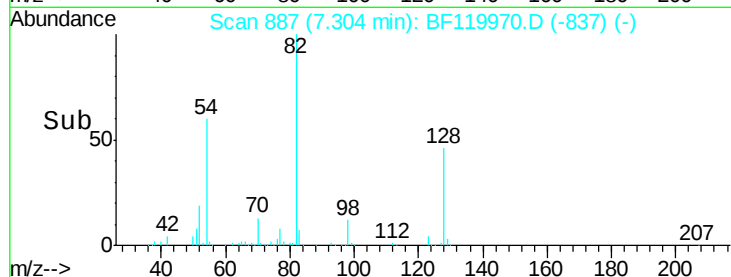
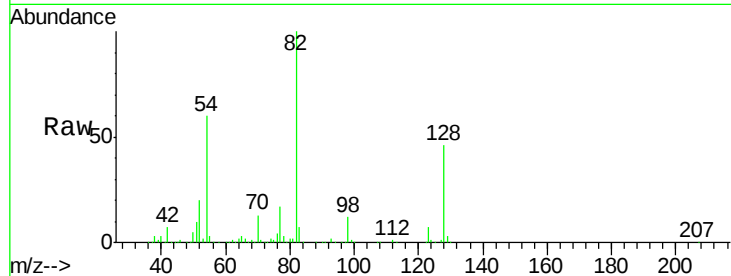




#23
Nitrobenzene-d5
Concen: 81.539 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

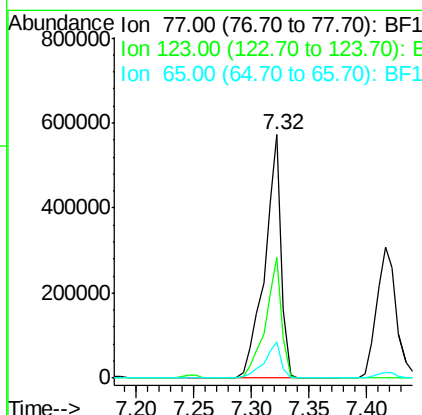
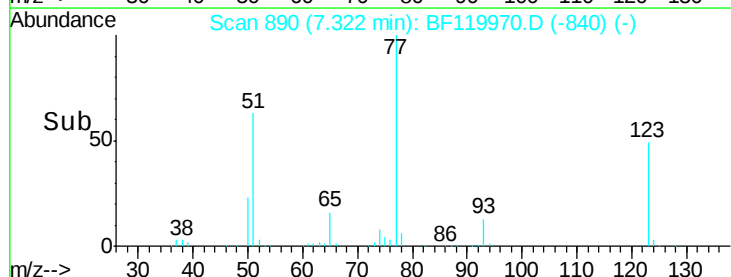
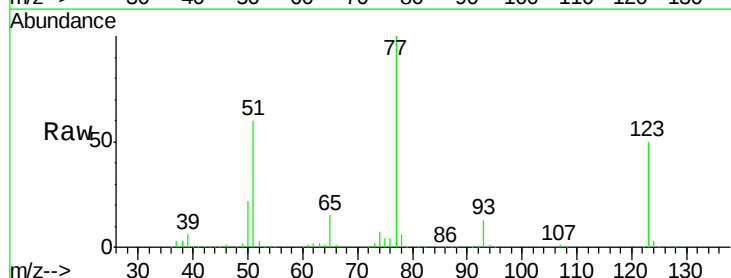
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion: 82 Resp: 1131176
Ion Ratio Lower Upper
82 100
128 46.4 36.2 54.4
54 60.1 50.4 75.6



#24
Nitrobenzene
Concen: 41.065 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion: 77 Resp: 573088
Ion Ratio Lower Upper
77 100
123 49.6 37.8 56.8
65 15.1 12.2 18.2





#25

Isophorone

Concen: 40.211 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

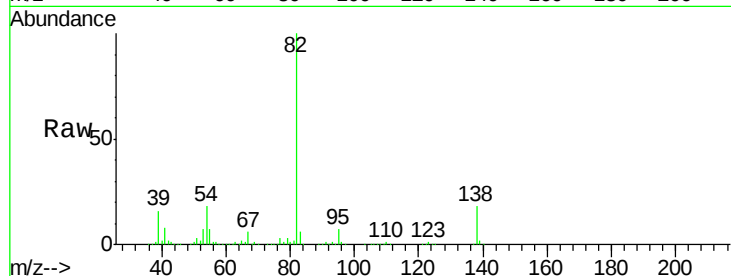
Tot Ion: 82 Resp: 1075359

Ion Ratio Lower Upper

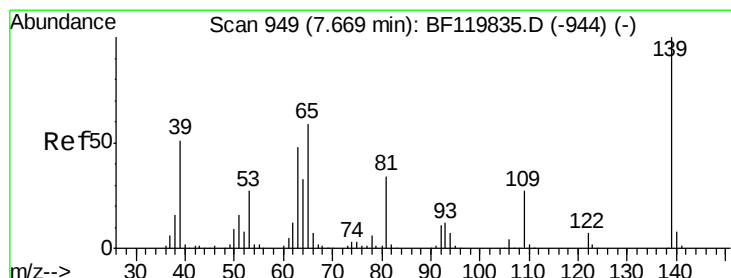
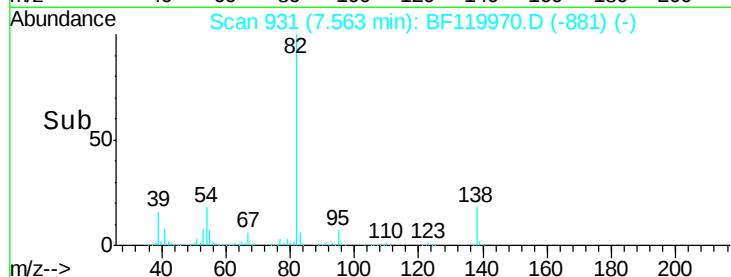
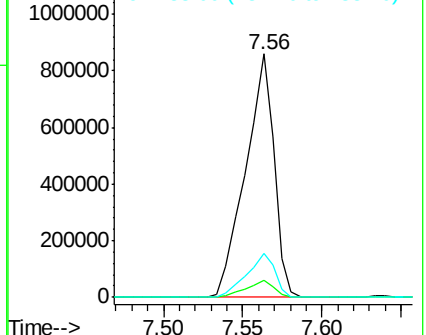
82 100

95 7.1 5.8 8.6

138 18.0 14.5 21.7



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



#26

2-Nitrophenol

Concen: 42.683 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

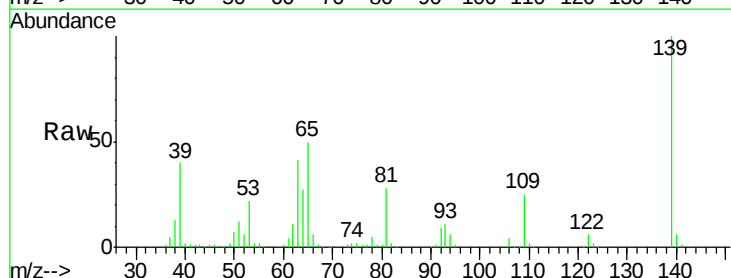
Tgt Ion: 139 Resp: 297597

Ion Ratio Lower Upper

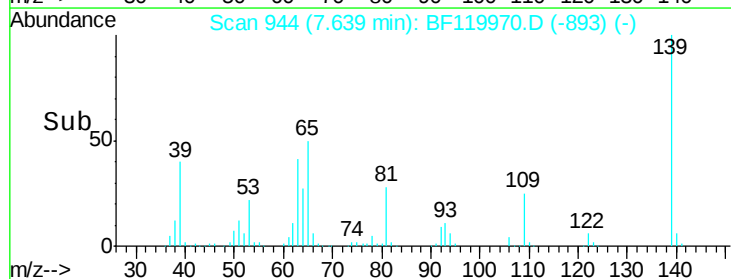
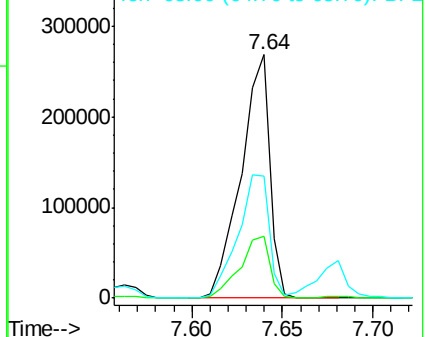
139 100

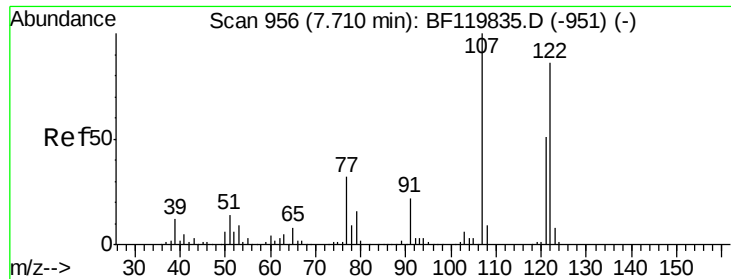
109 25.3 21.8 32.6

65 50.4 47.0 70.4



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





#27

2,4-Dimethylphenol

Concen: 44.138 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

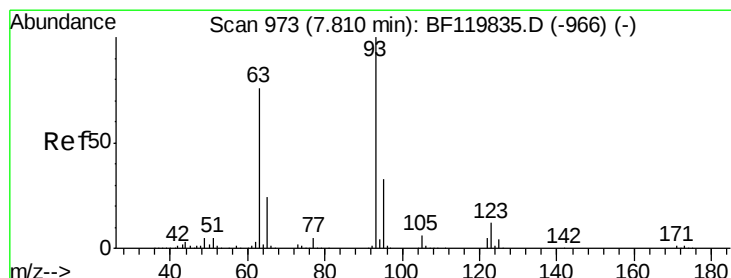
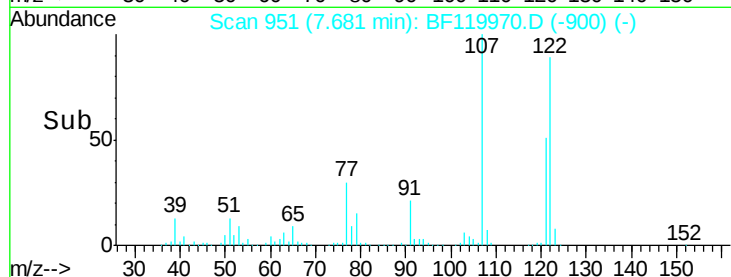
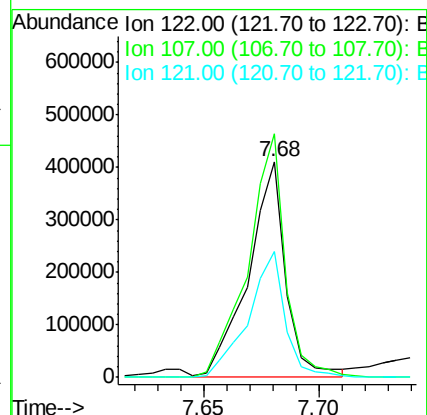
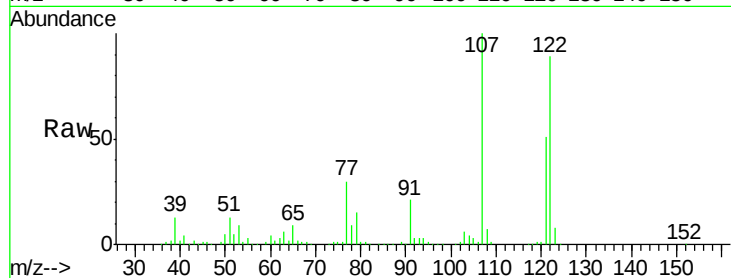
Tot Ion:122 Resp: 464127

Ion Ratio Lower Upper

122 100

107 112.9 92.3 138.5

121 58.1 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.854 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

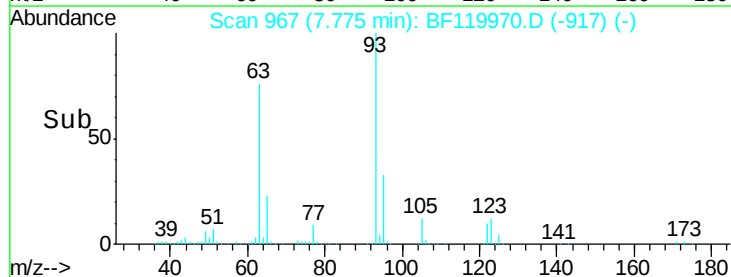
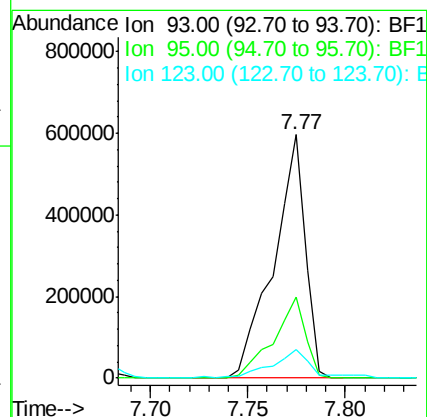
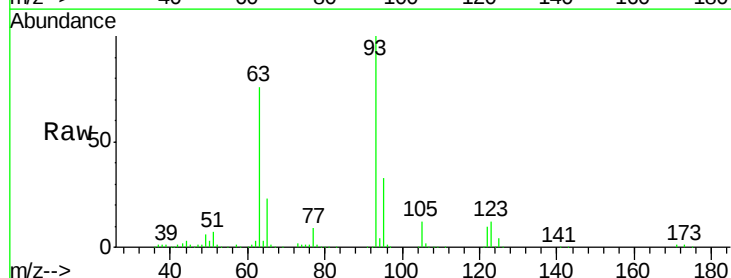
Tgt Ion: 93 Resp: 674376

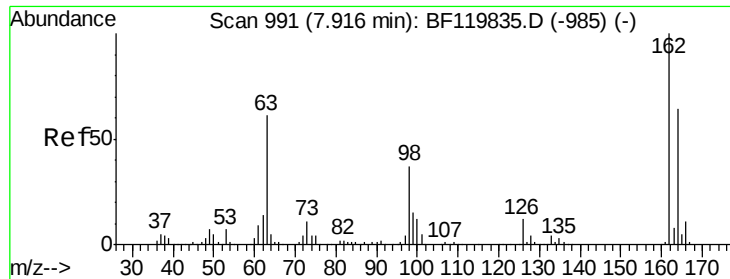
Ion Ratio Lower Upper

93 100

95 33.3 26.4 39.6

123 11.7 9.7 14.5

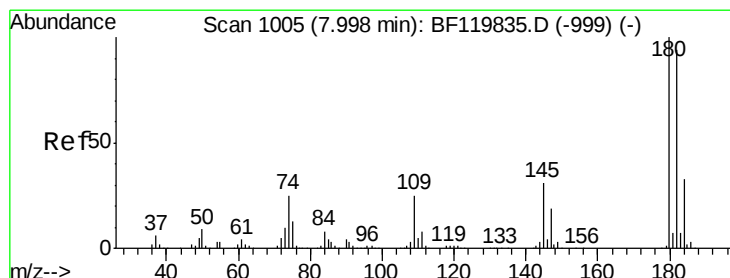
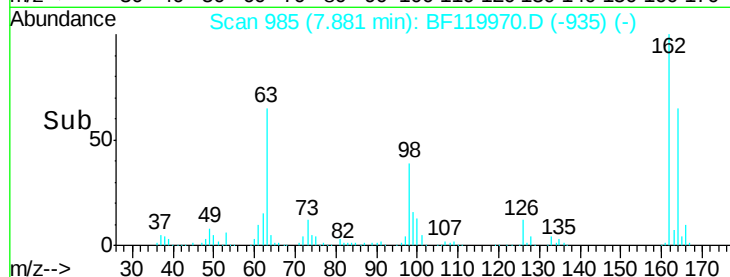
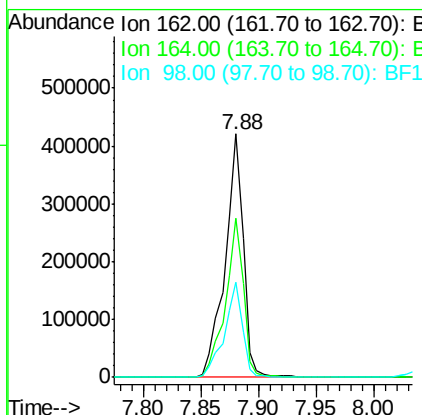
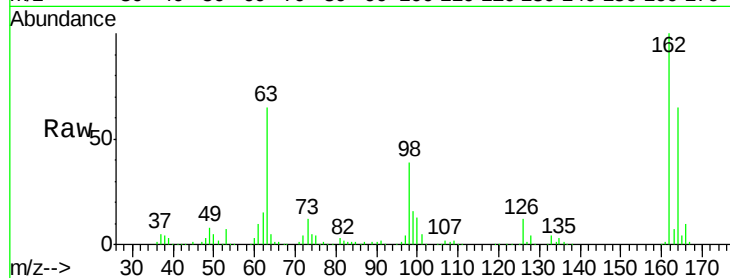




#29
 2,4-Dichlorophenol
 Concen: 42.782 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

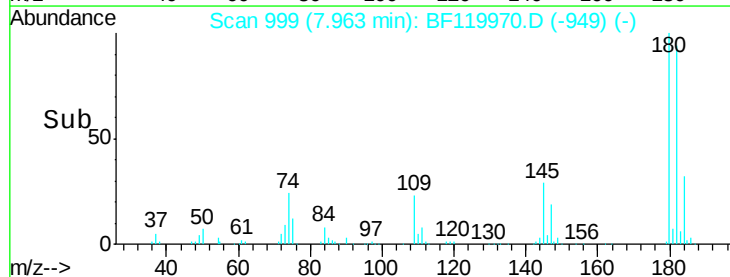
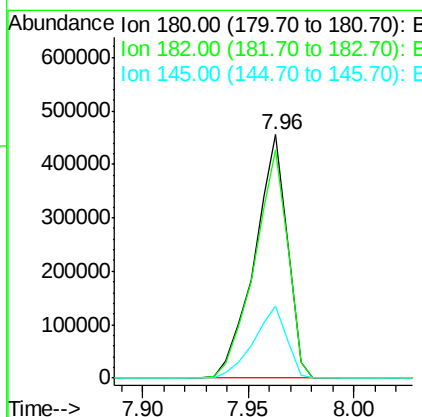
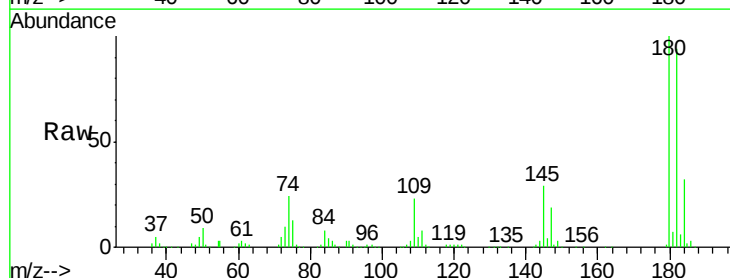
Instrument :
 BNA_F
 ClientSampled :
 VNJ-223MS

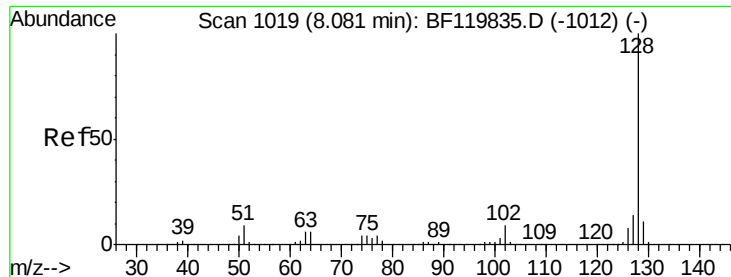
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.4	84.4
98	39.2	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.252 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.4	113.0
145	29.4	24.6	37.0





#31

Naphthalene

Concen: 42.279 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

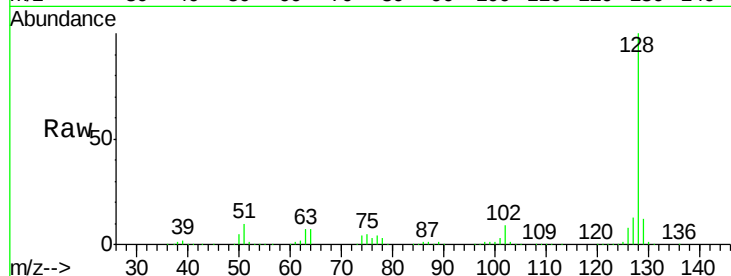
Tot Ion:128 Resp: 1596453

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

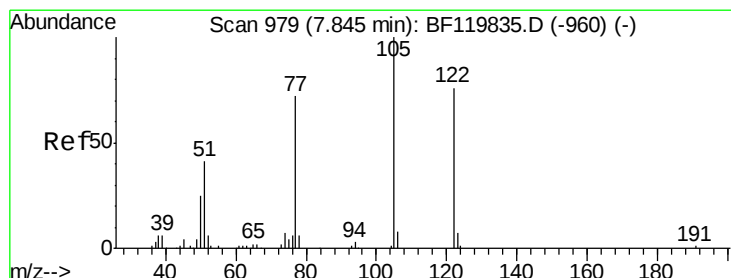
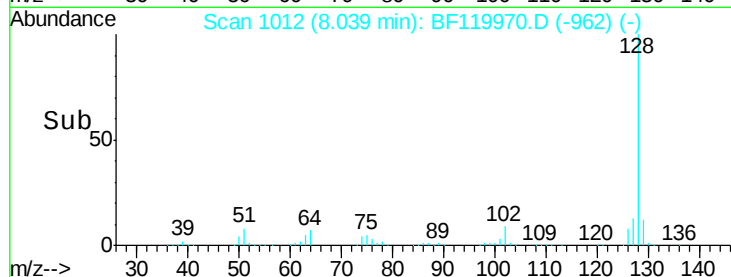
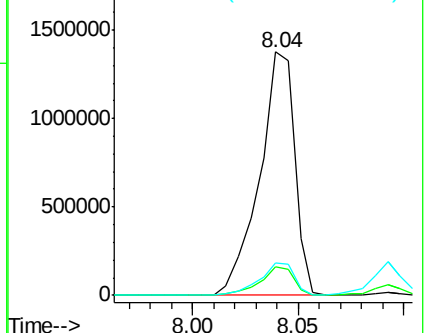
127 13.5 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.575 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

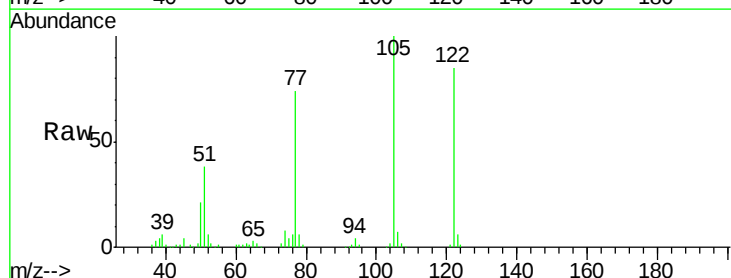
Tgt Ion:122 Resp: 337778

Ion Ratio Lower Upper

122 100

105 118.0 106.7 146.7

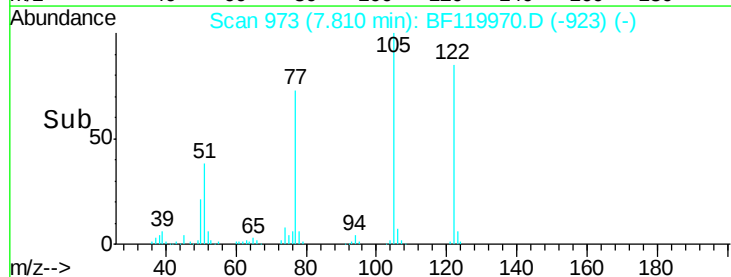
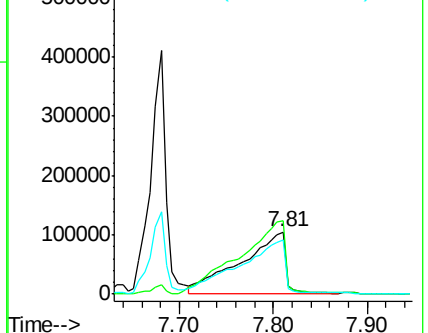
77 87.2 72.1 112.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

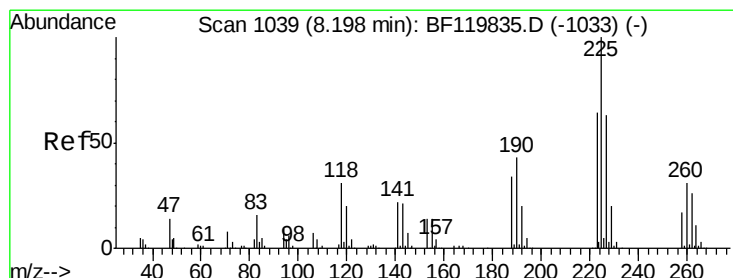
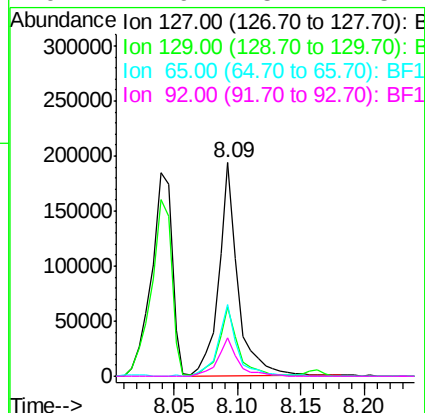
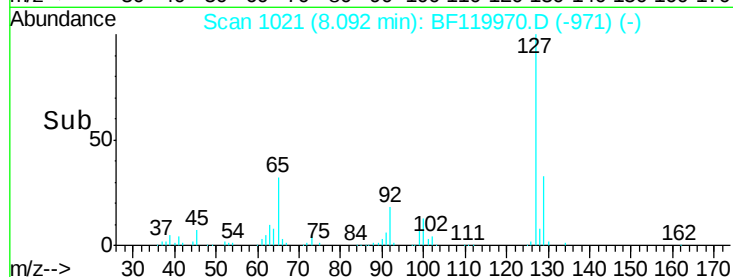
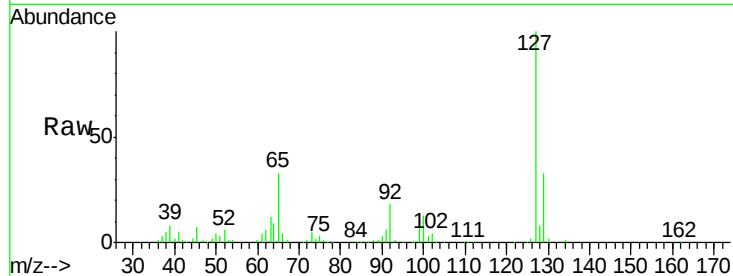




#33
4-Chloroaniline
Concen: 12.460 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

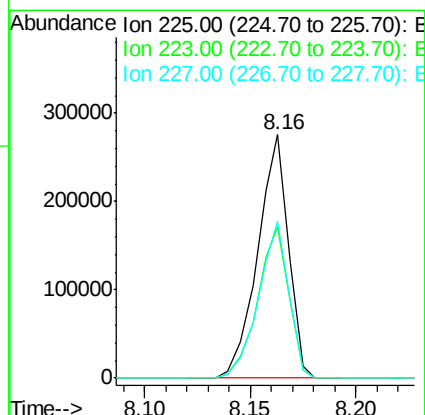
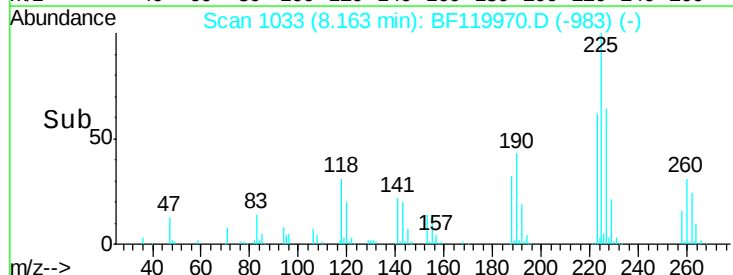
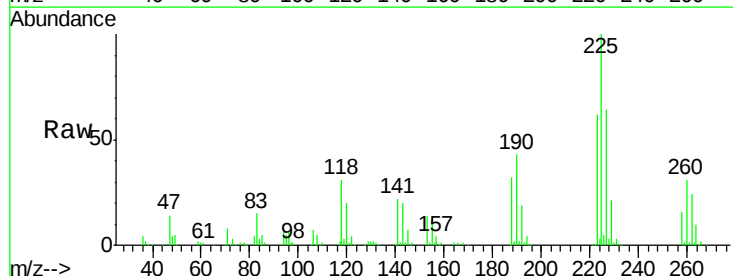
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

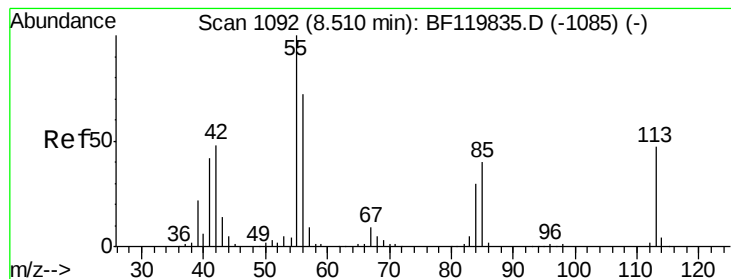
Tot Ion:	127	Resp:	204826
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	33.4	28.3	42.5
92	17.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 38.050 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:	225	Resp:	278174
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	64.3	50.4	75.6





#35

Caprolactam

Concen: 15.129 ng

RT: 8.46 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

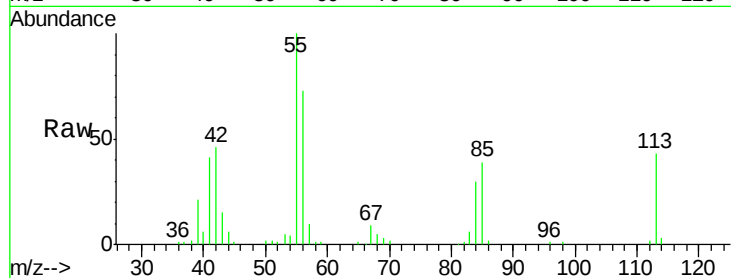
Tot Ion:113 Resp: 49882

Ion Ratio Lower Upper

113 100

55 231.3 192.7 232.7

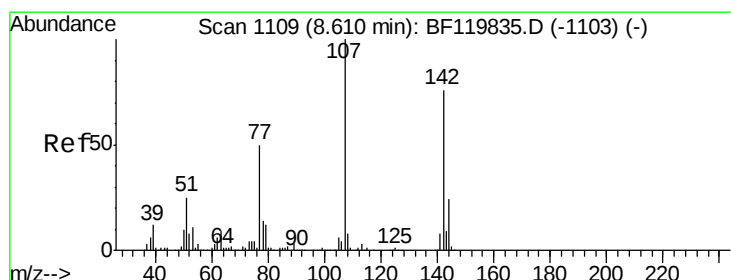
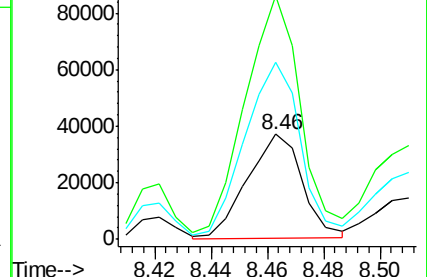
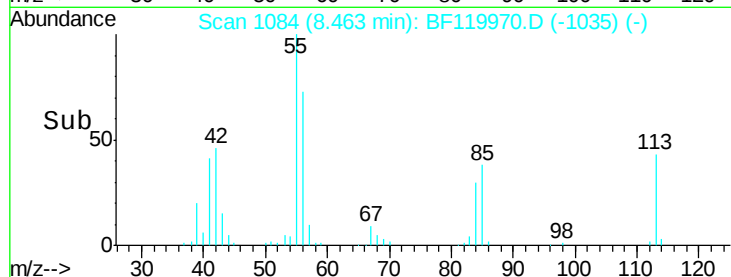
56 168.3 133.3 173.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.233 ng

RT: 8.58 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

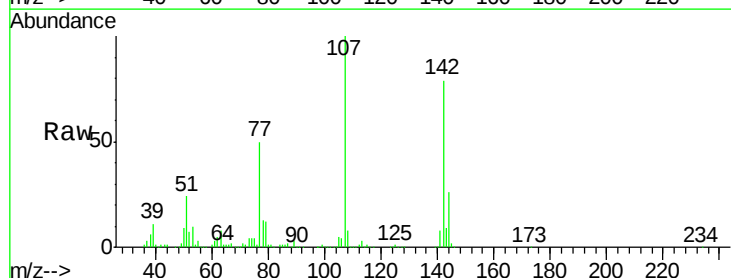
Tgt Ion:107 Resp: 504513

Ion Ratio Lower Upper

107 100

144 26.0 19.5 29.3

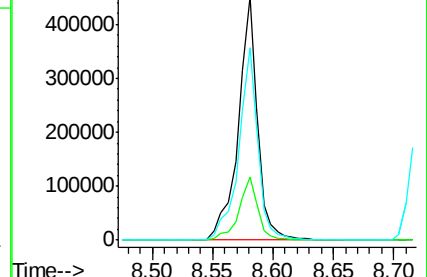
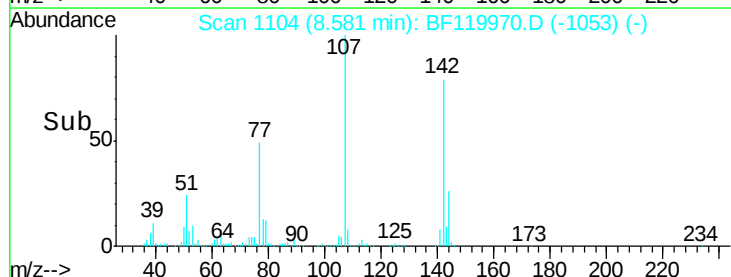
142 79.2 60.5 90.7

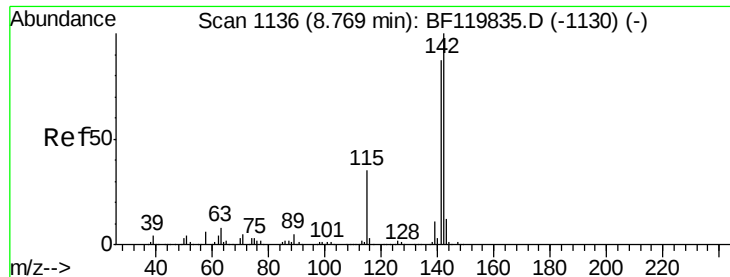


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

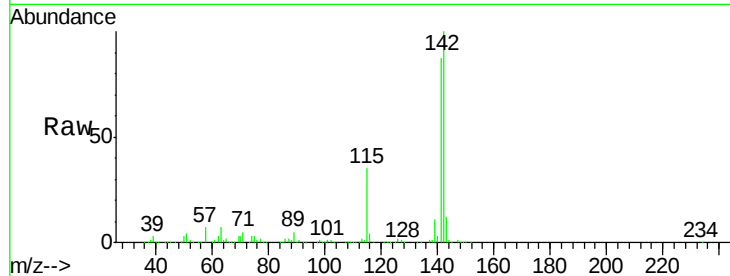




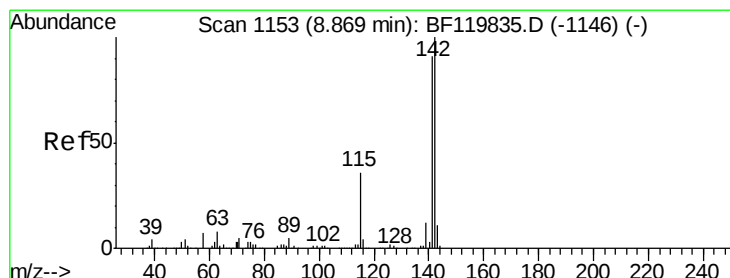
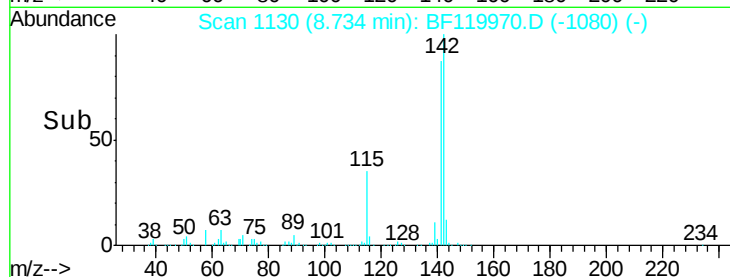
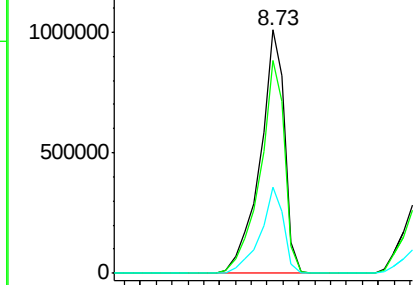
#37
2-Methylnaphthalene
Concen: 42.647 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion:142 Resp: 1091770
Ion Ratio Lower Upper
142 100
141 87.2 69.9 104.9
115 35.2 28.0 42.0

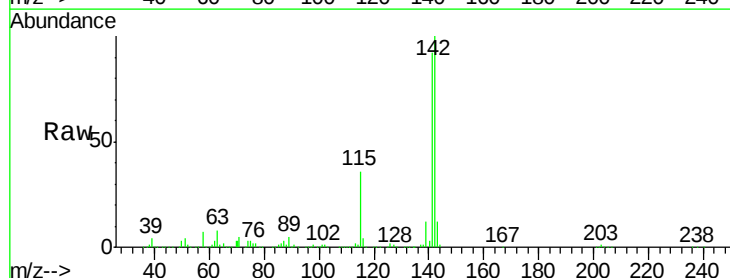


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

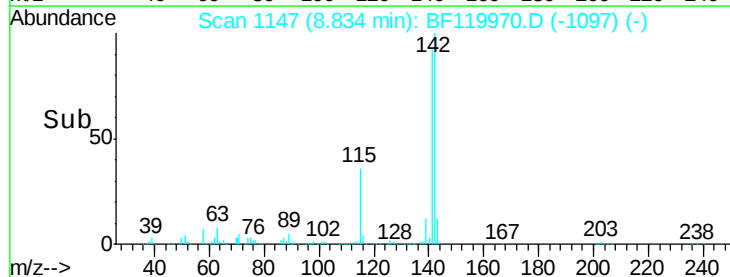
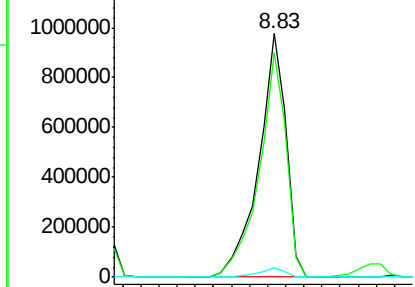


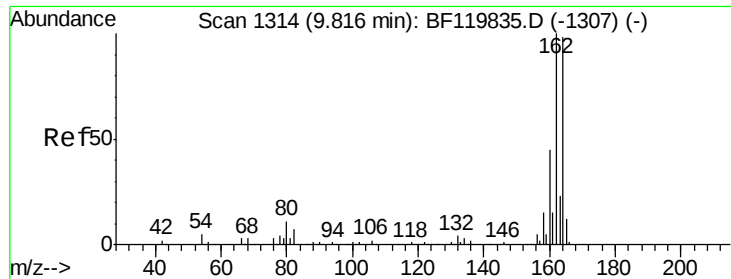
#38
1-Methylnaphthalene
Concen: 42.275 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:142 Resp: 1020063
Ion Ratio Lower Upper
142 100
141 92.1 72.9 109.3
116 3.9 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

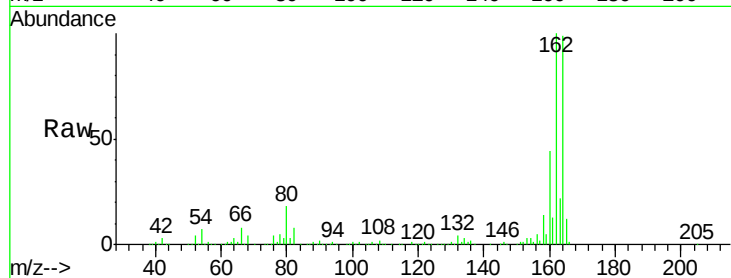




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.9	122.9
160	44.3	36.6	54.8

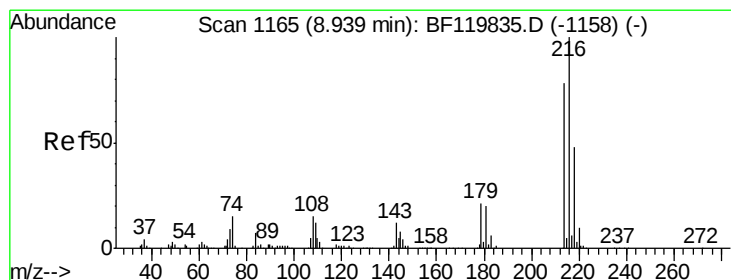
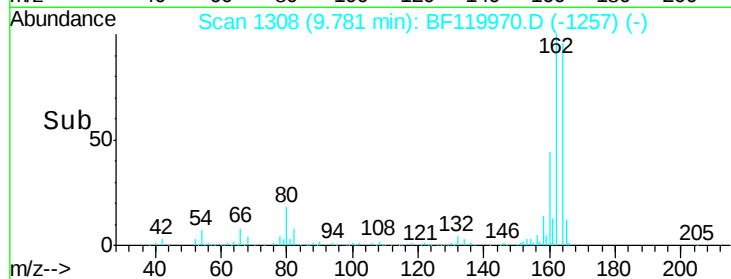
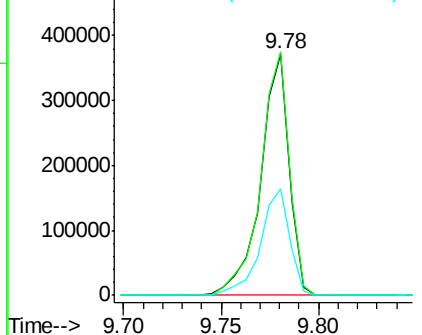


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.993 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.1	94.7
179	21.1	17.0	25.4
108	19.7	14.8	22.2

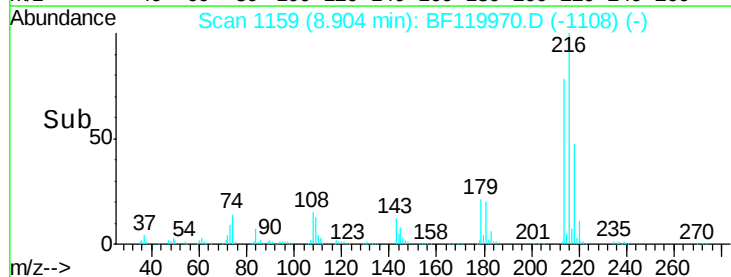
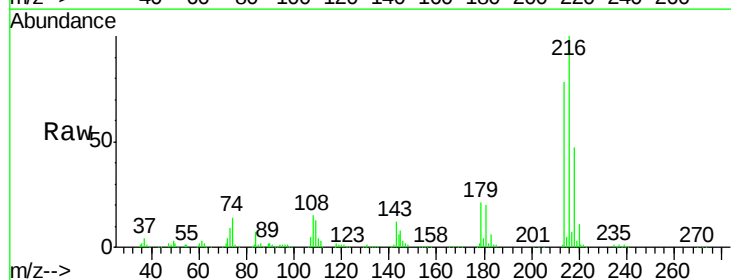
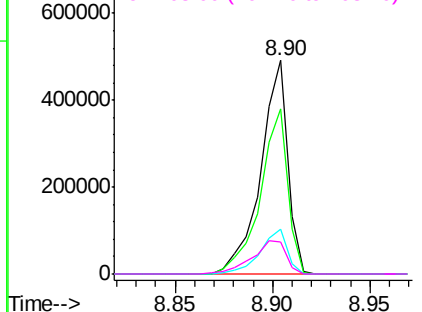
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

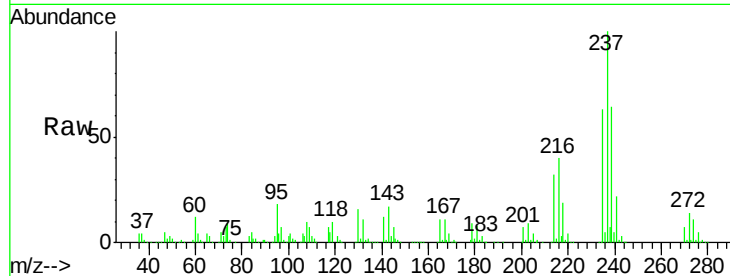




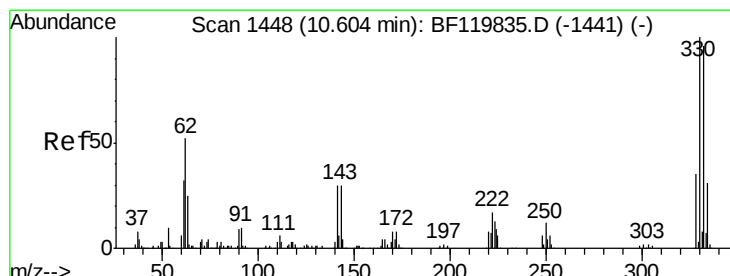
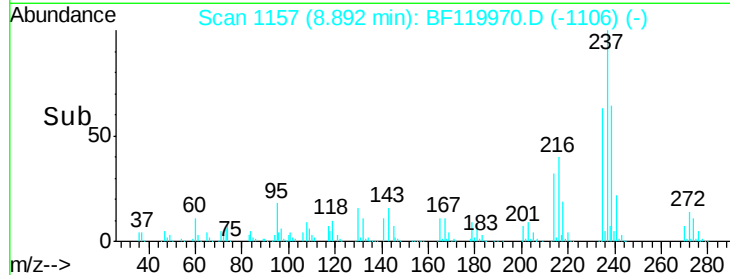
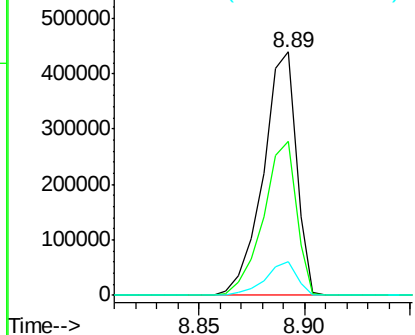
#41
Hexachlorocyclopentadiene
Concen: 71.244 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion:237 Resp: 479826
Ion Ratio Lower Upper
237 100
235 63.2 44.9 84.9
272 13.7 0.0 33.6

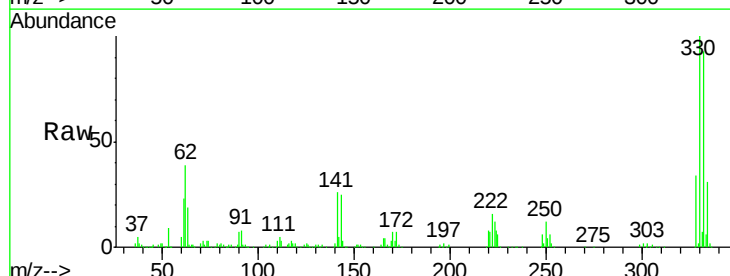


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

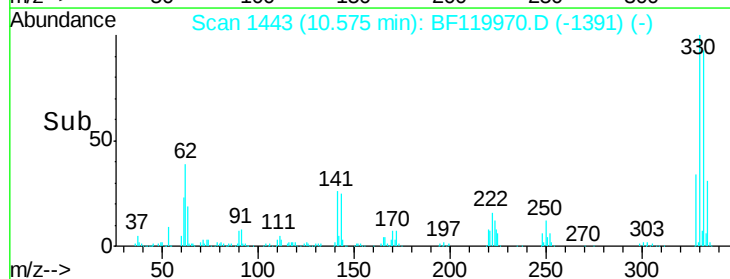
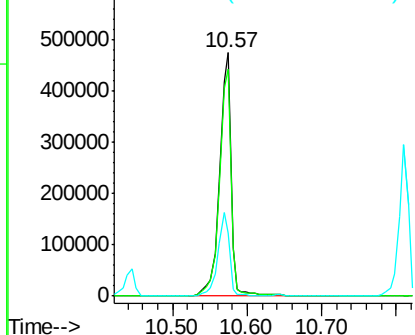


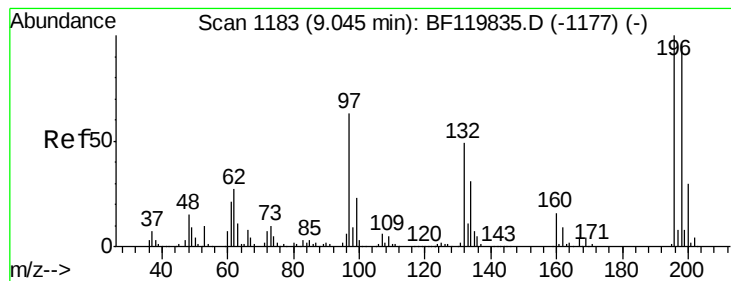
#42
2,4,6-Tribromophenol
Concen: 110.795 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:330 Resp: 508691
Ion Ratio Lower Upper
330 100
332 94.3 76.8 115.2
141 34.3 25.1 37.7



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





#43

2,4,6-Trichlorophenol

Concen: 43.546 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

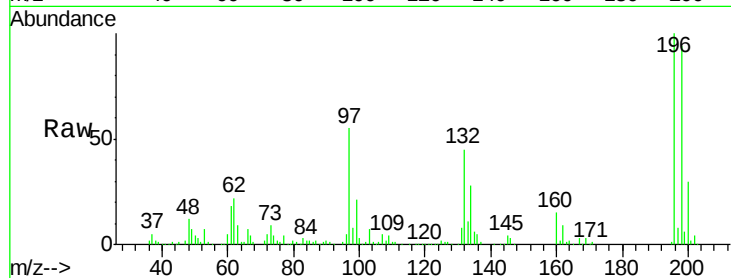
Tot Ion:196 Resp: 356160

Ion Ratio Lower Upper

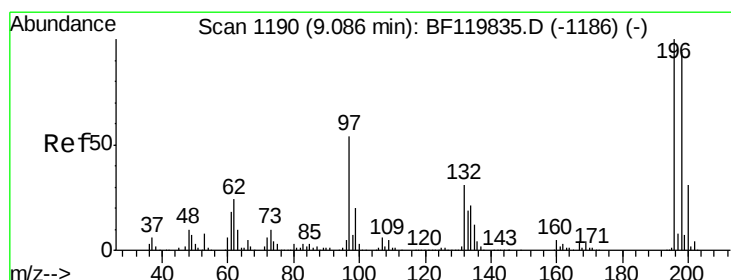
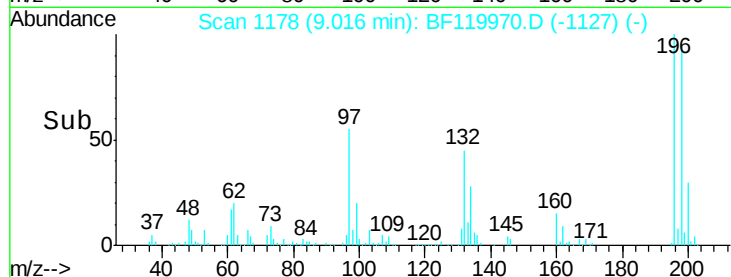
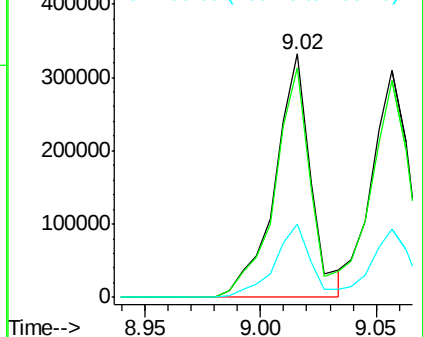
196 100

198 94.5 76.6 115.0

200 30.0 24.2 36.2



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: 38.887 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Tgt Ion:196 Resp: 358217

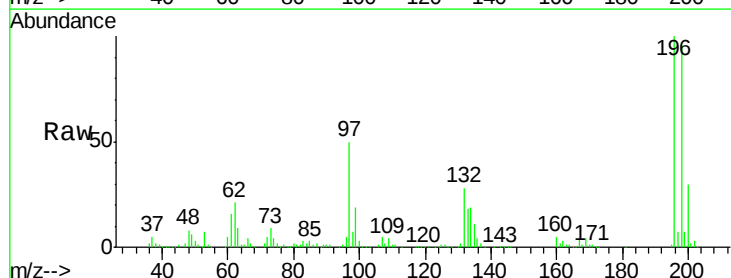
Ion Ratio Lower Upper

196 100

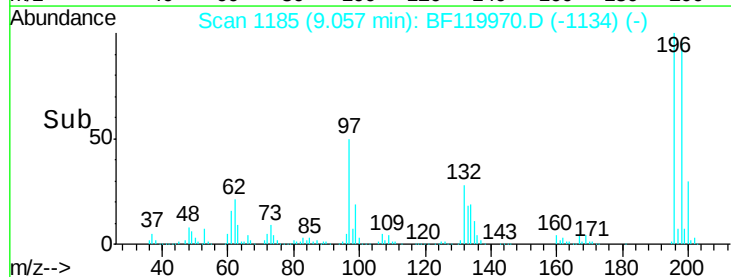
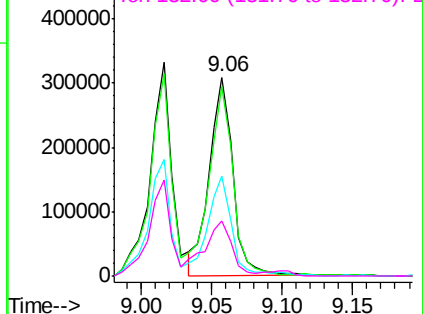
198 95.6 75.1 112.7

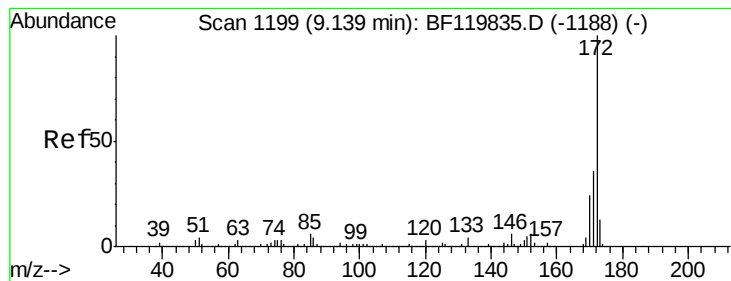
97 50.3 43.4 65.2

132 27.9 24.5 36.7



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: 83.562 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

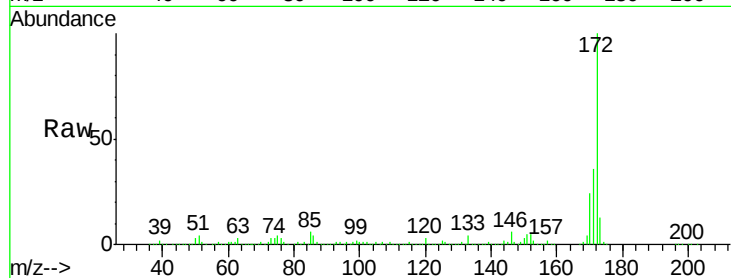
Tot Ion:172 Resp: 2207073

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

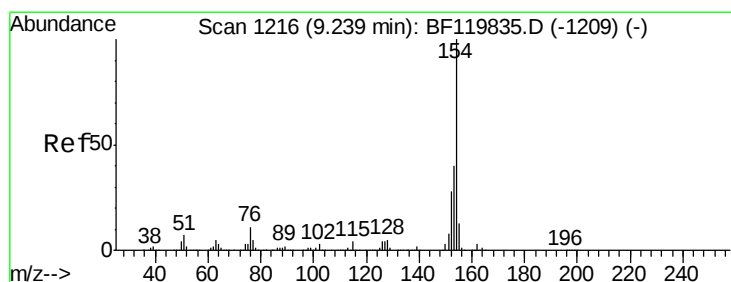
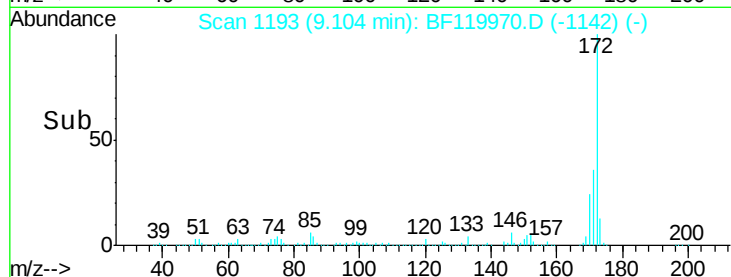
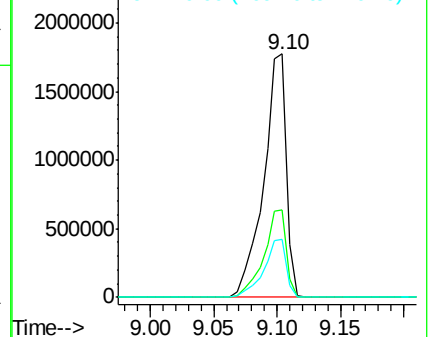
170 23.8 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.310 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

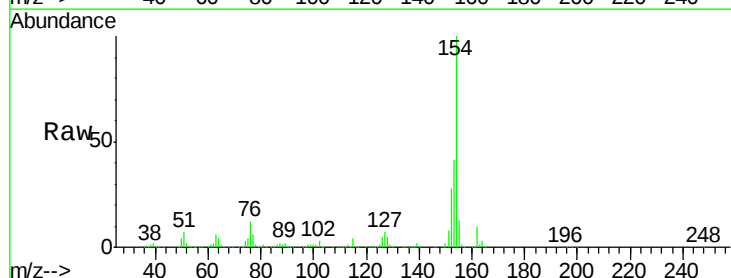
Tgt Ion:154 Resp: 1307536

Ion Ratio Lower Upper

154 100

153 41.3 20.5 60.5

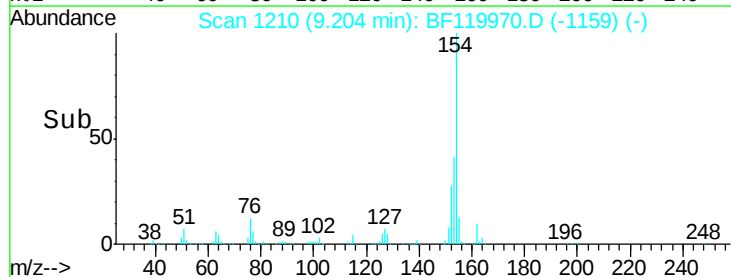
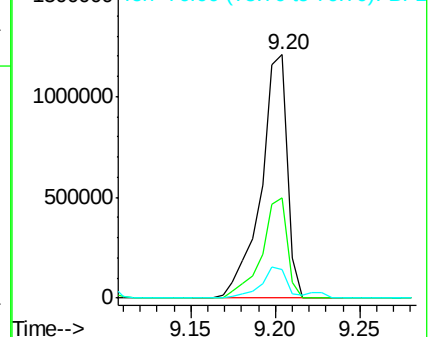
76 11.5 0.0 30.6

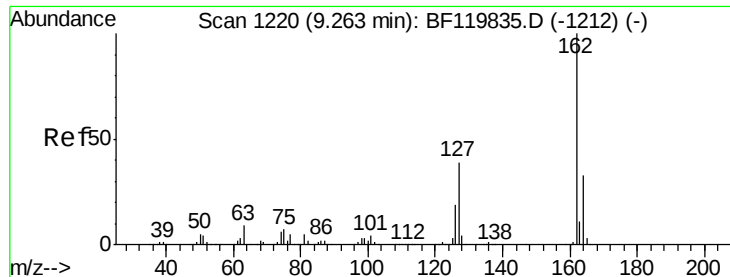


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

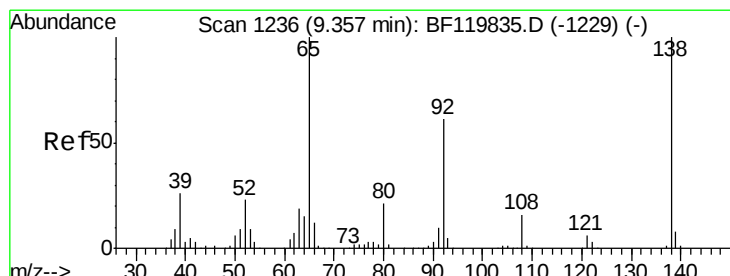
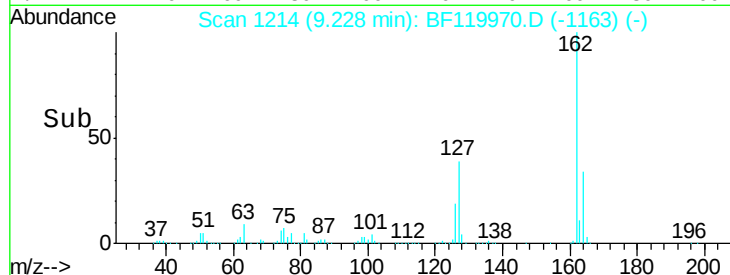
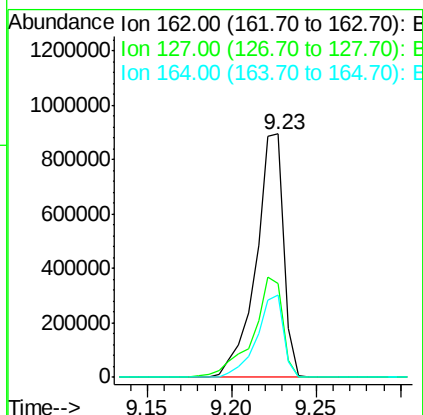
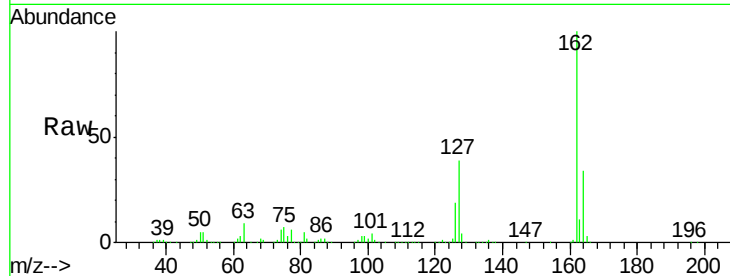




#47
2-Chloronaphthalene
Concen: 41.763 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

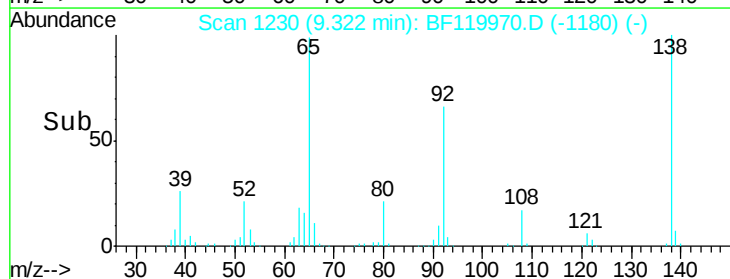
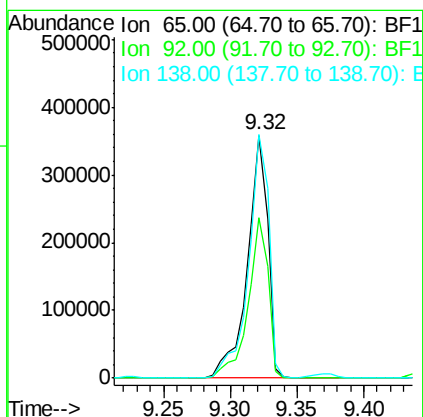
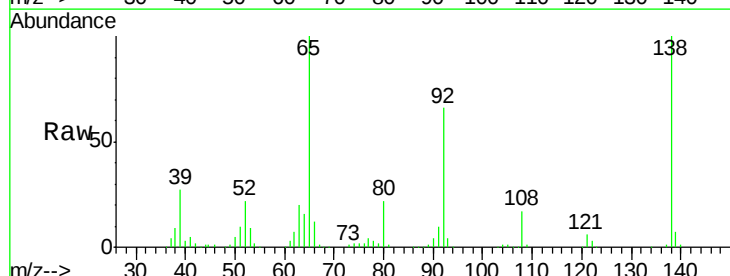
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

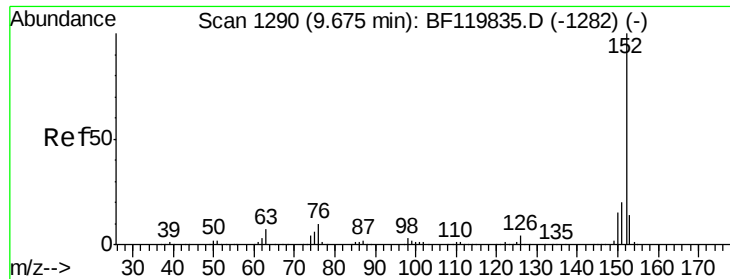
Tot Ion:162 Resp: 1018305
Ion Ratio Lower Upper
162 100
127 38.7 31.2 46.8
164 33.8 26.3 39.5



#48
2-Nitroaniline
Concen: 42.240 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion: 65 Resp: 373234
Ion Ratio Lower Upper
65 100
92 65.8 49.0 73.6
138 100.2 79.7 119.5





#49

Acenaphthylene

Concen: 43.312 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

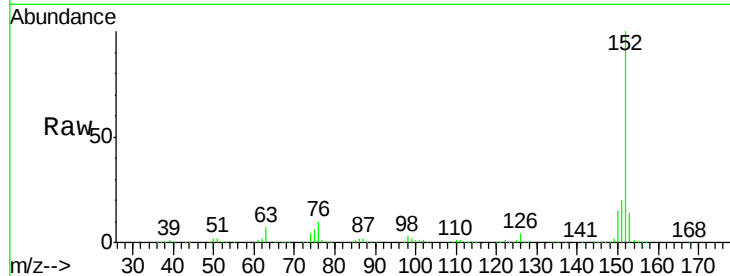
Tot Ion:152 Resp: 1606091

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

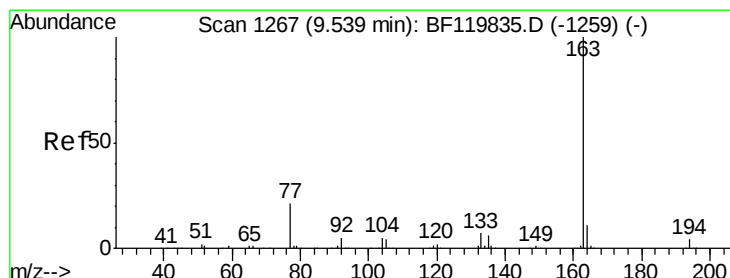
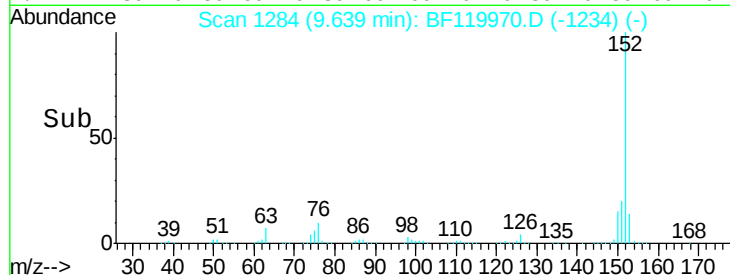
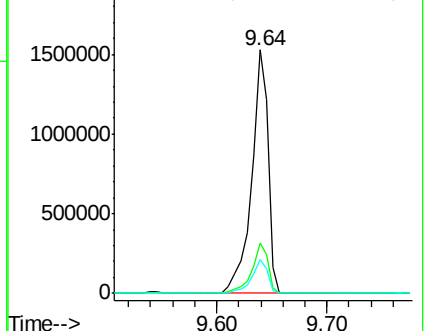
153 13.7 10.9 16.3



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: 41.819 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

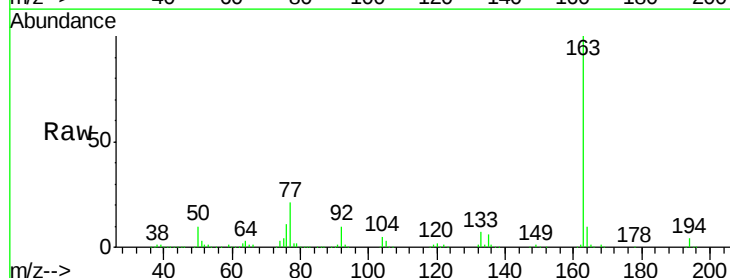
Tgt Ion:163 Resp: 1212993

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

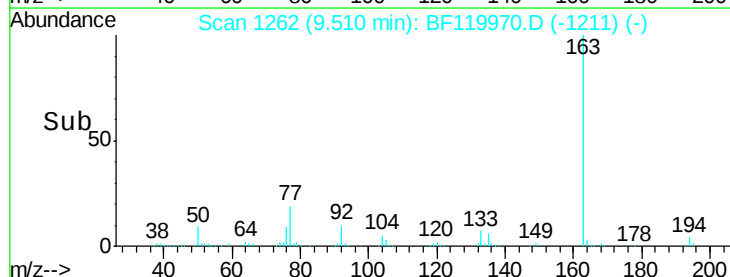
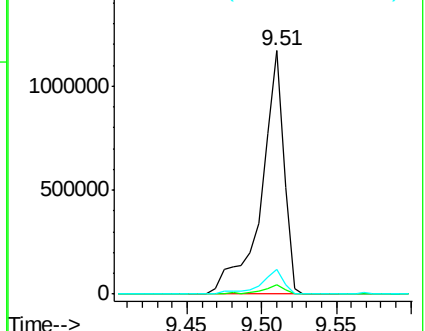
164 10.1 8.4 12.6

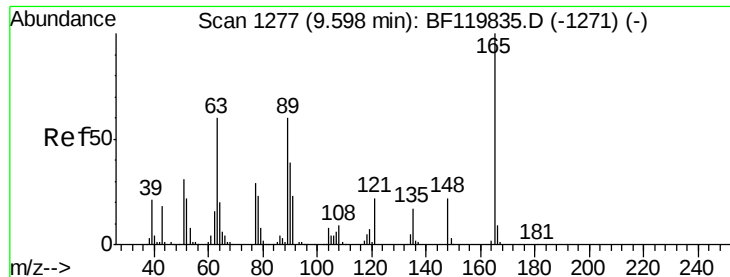


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

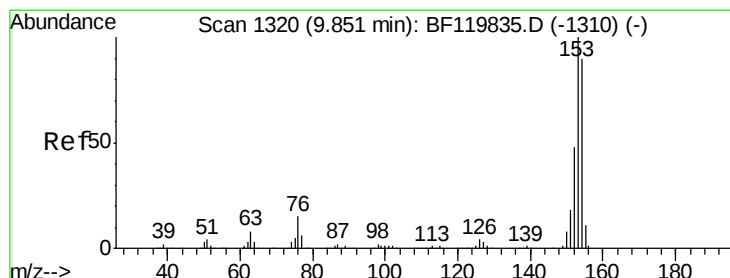
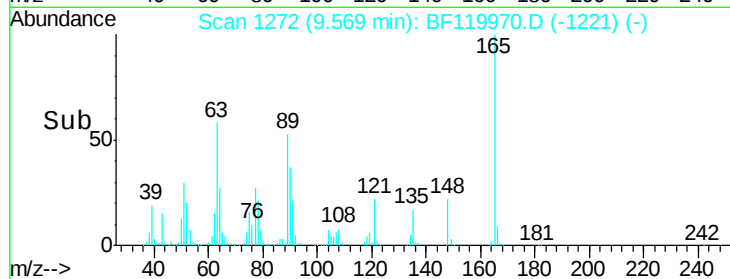
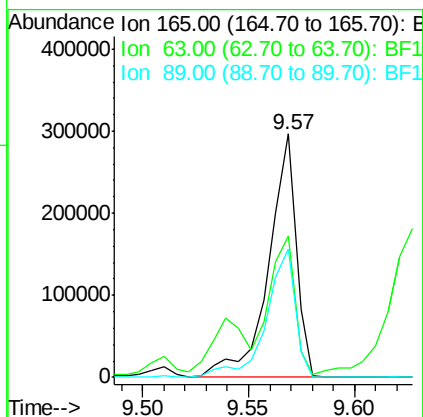
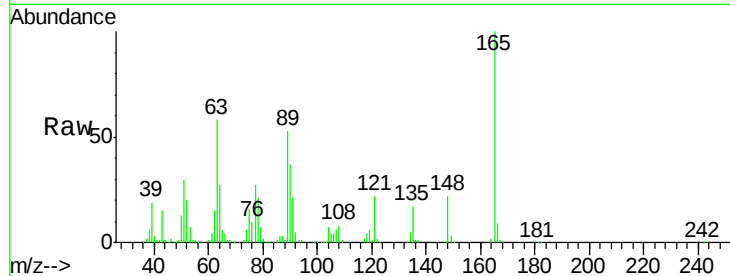




#51
 2,6-Dinitrotoluene
 Concen: 42.752 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

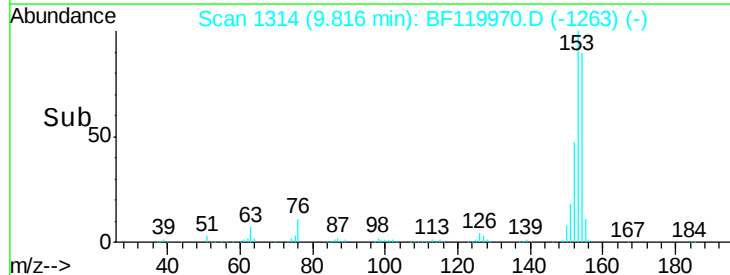
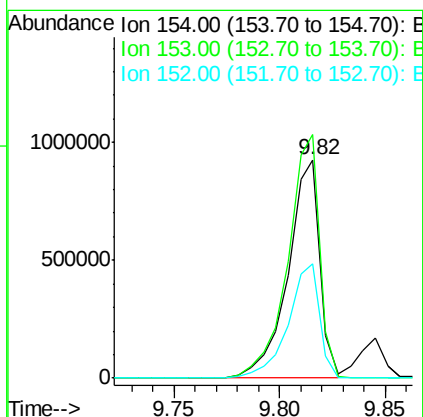
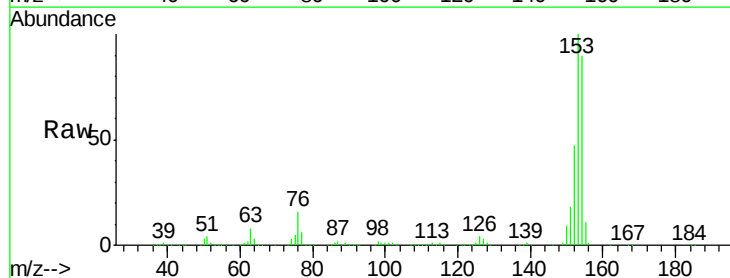
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

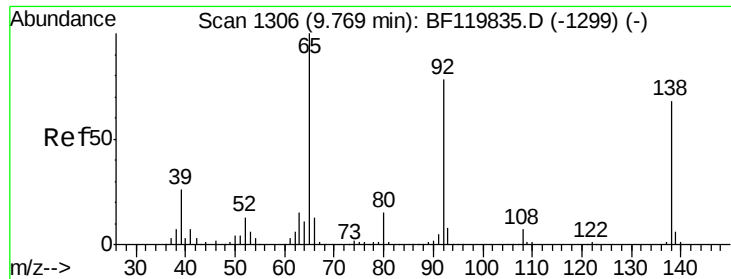
Tot Ion:165 Resp: 271547
 Ion Ratio Lower Upper
 165 100
 63 58.2 55.6 83.4
 89 52.8 47.9 71.9



#52
 Acenaphthene
 Concen: 39.307 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion:154 Resp: 972302
 Ion Ratio Lower Upper
 154 100
 153 111.6 88.8 133.2
 152 52.6 42.4 63.6





#53

3-Nitroaniline

Concen: 23.087 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

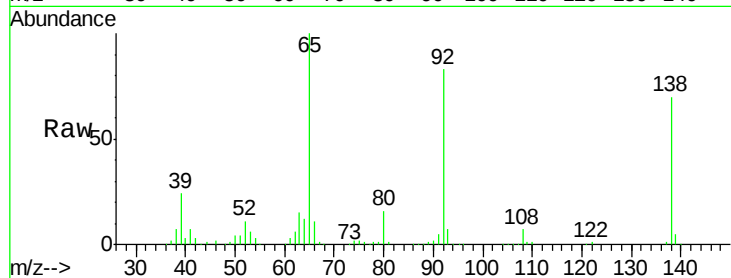
Tot Ion:138 Resp: 167477

Ion Ratio Lower Upper

138 100

108 10.3 8.0 12.0

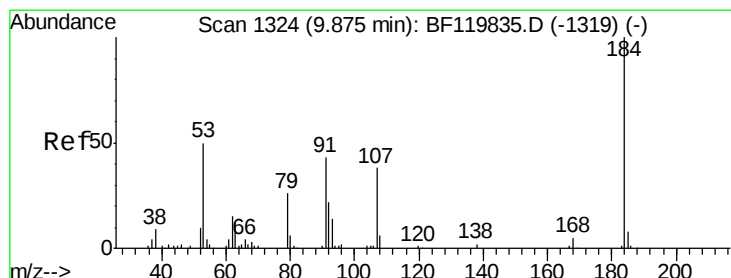
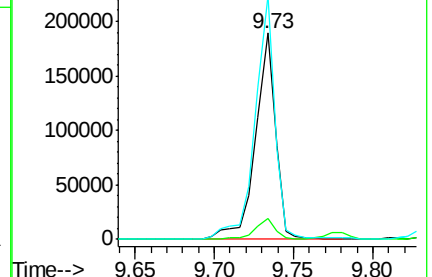
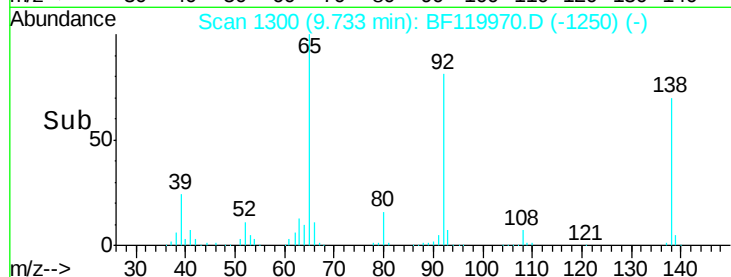
92 118.1 92.1 138.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 68.748 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

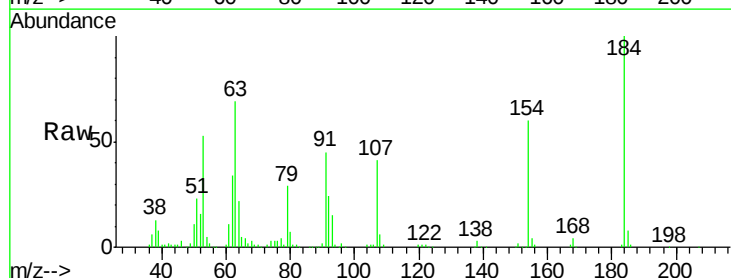
Tgt Ion:184 Resp: 261434

Ion Ratio Lower Upper

184 100

63 68.7 49.8 74.6

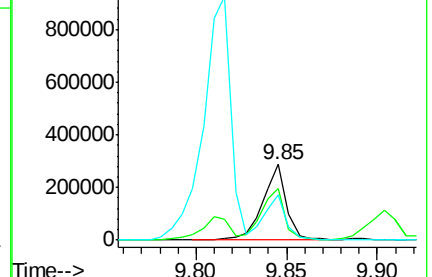
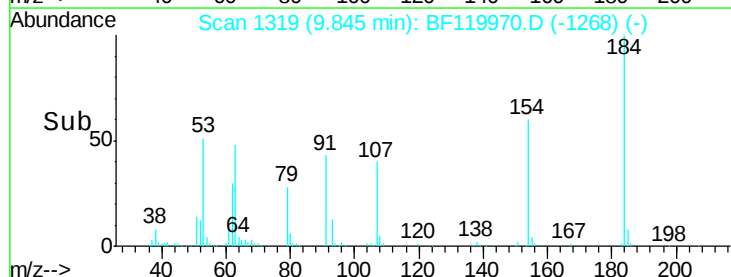
154 59.7 46.5 69.7

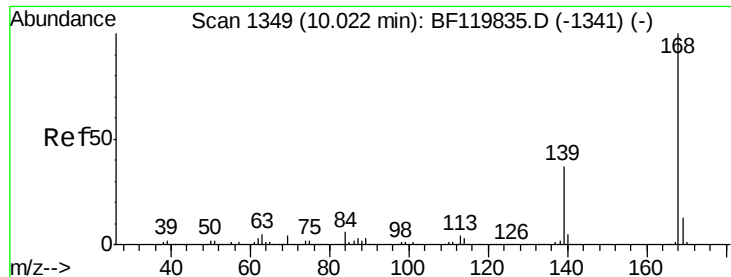


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 42.846 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

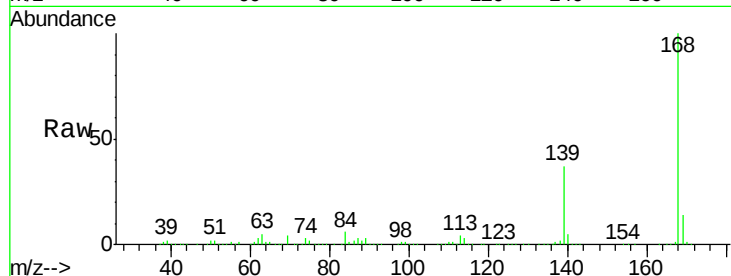
Tot Ion:168 Resp: 1454369

Ion Ratio Lower Upper

168 100

139 36.7 29.8 44.6

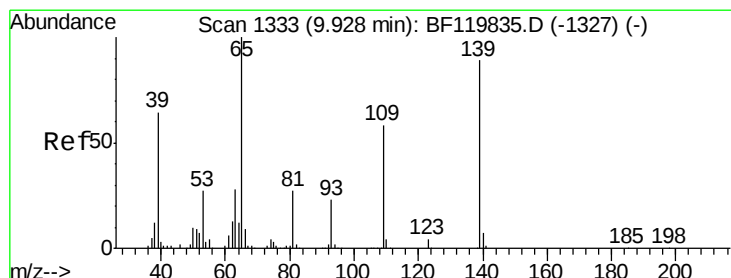
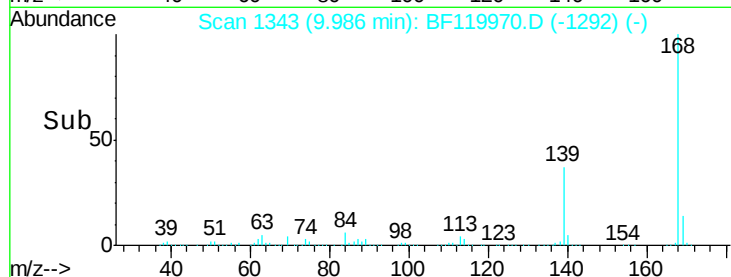
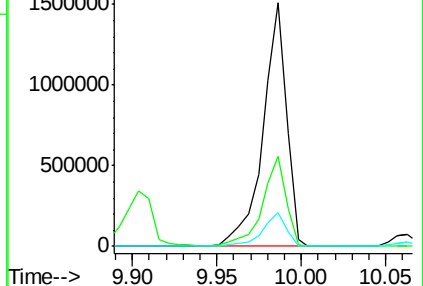
169 13.6 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.236 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

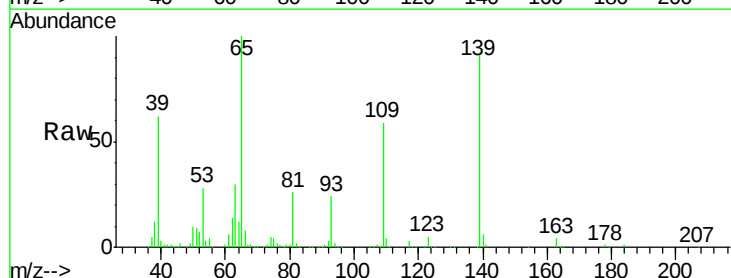
Tgt Ion:139 Resp: 406091

Ion Ratio Lower Upper

139 100

109 65.0 45.5 85.5

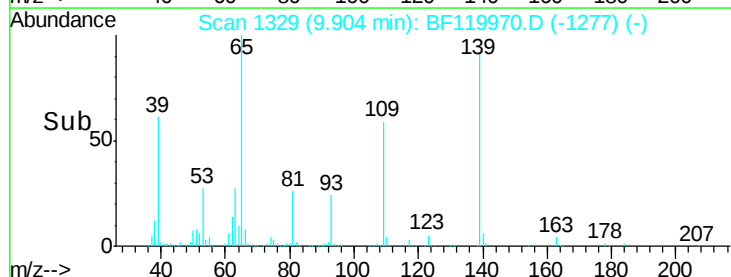
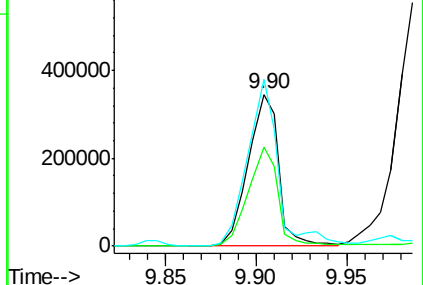
65 109.8 92.3 132.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

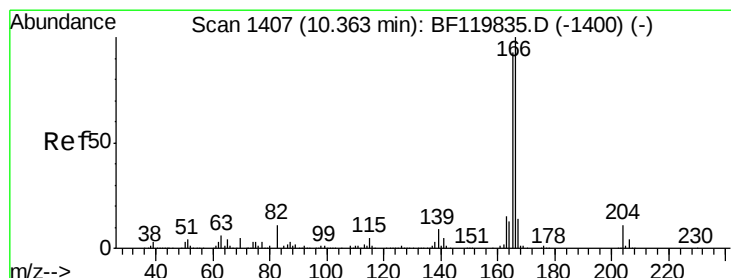
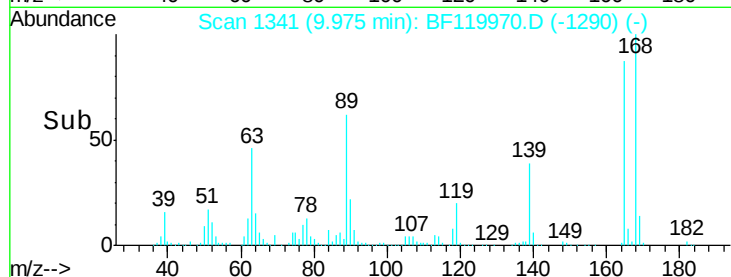
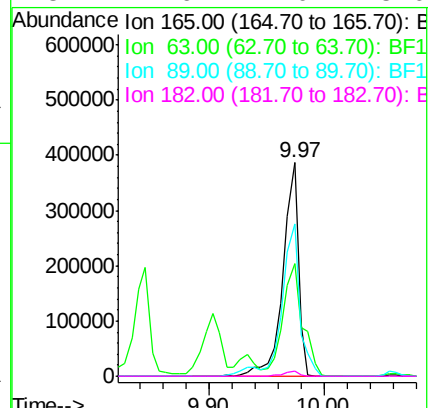
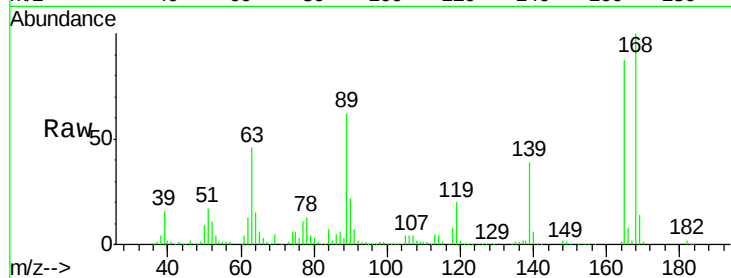




#57
2,4-Dinitrotoluene
Concen: 43.290 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

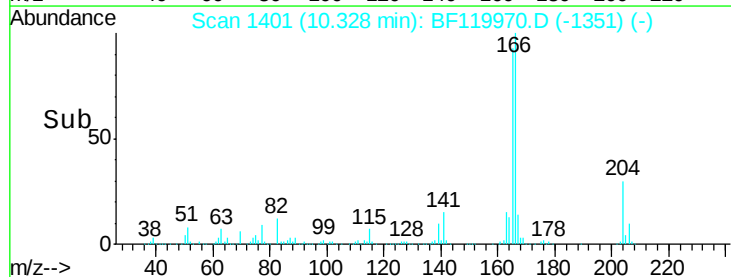
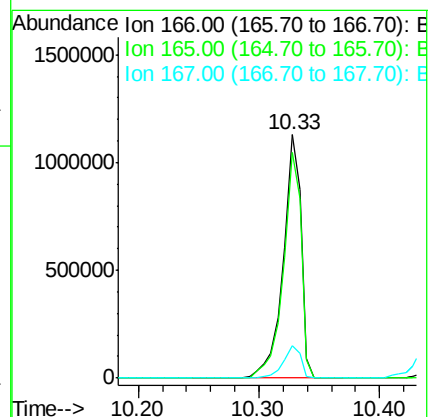
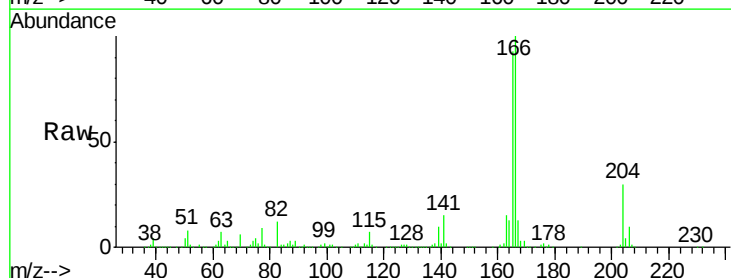
Instrument :
BNA_F
ClientSampled :
VNJ-223MS

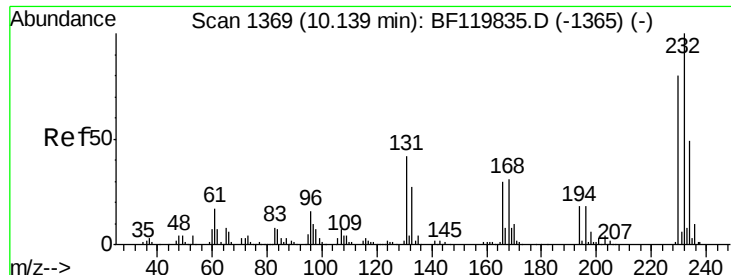
Tot Ion:165 Resp: 362277
Ion Ratio Lower Upper
165 100
63 52.7 40.8 61.2
89 71.1 56.9 85.3
182 2.6 2.0 3.0



#58
Fluorene
Concen: 41.865 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:166 Resp: 1136498
Ion Ratio Lower Upper
166 100
165 92.8 74.2 111.2
167 13.5 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.751 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tot Ion:232 Resp: 315289

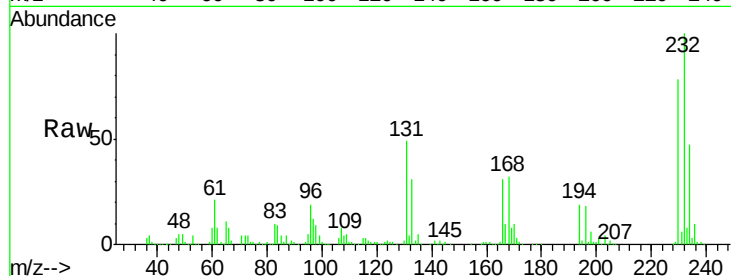
Ion Ratio Lower Upper

232 100

131 43.9 37.9 56.9

130 1.9 1.8 2.6

166 30.1 25.4 38.0

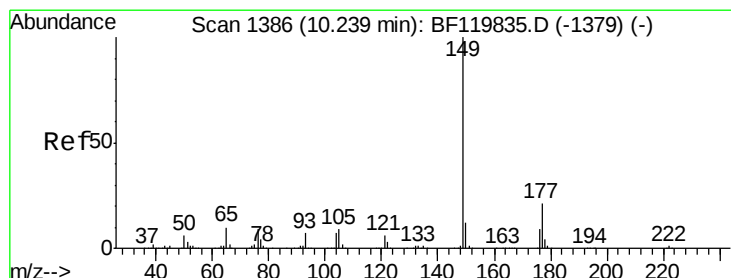
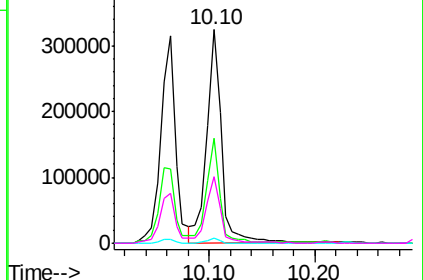
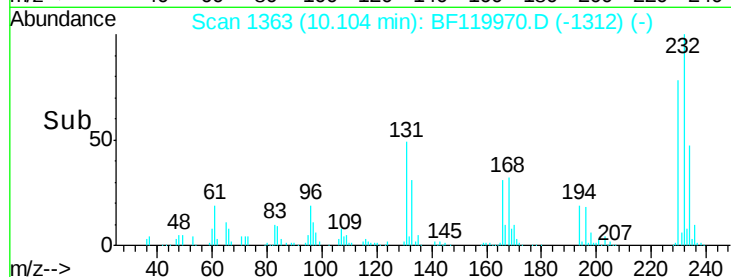


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.571 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

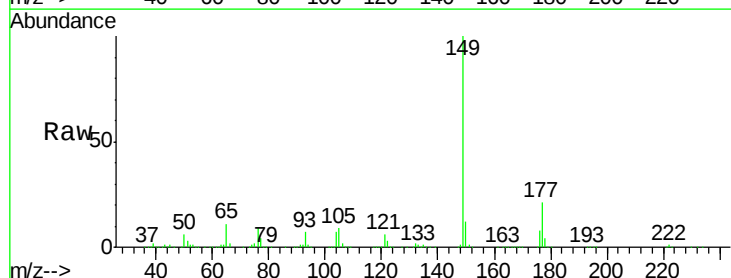
Tgt Ion:149 Resp: 1249721

Ion Ratio Lower Upper

149 100

177 21.3 16.8 25.2

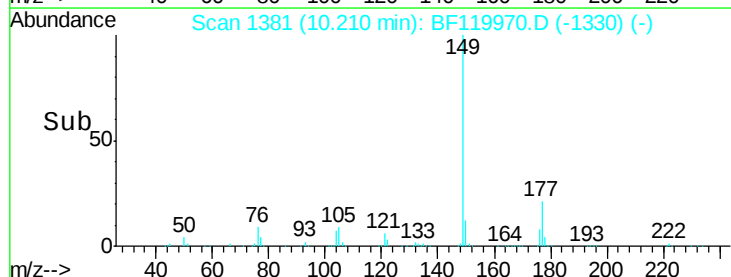
150 12.4 9.8 14.6



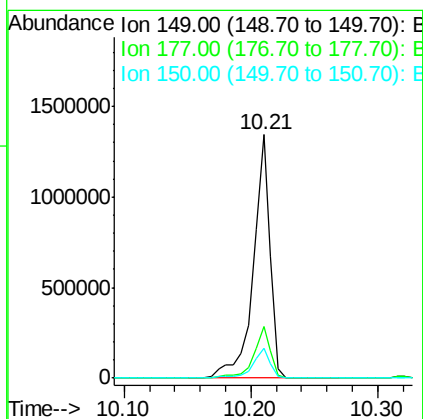
Abundance Ion 149.00 (148.70 to 149.70): E

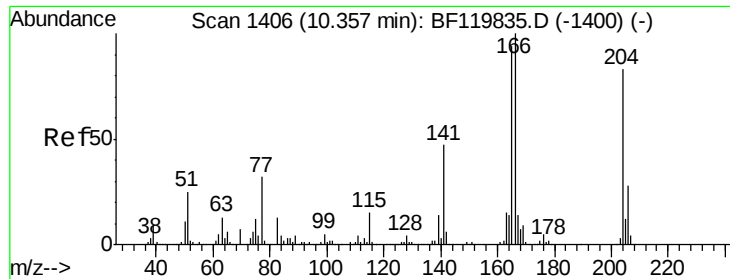
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

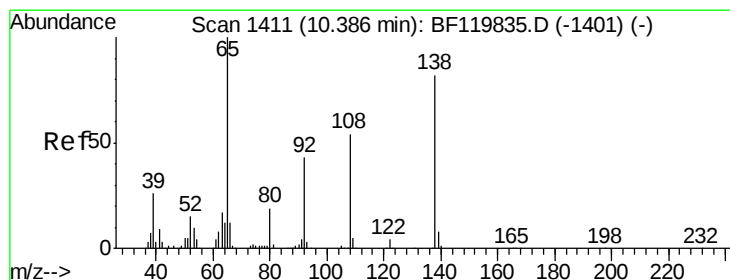
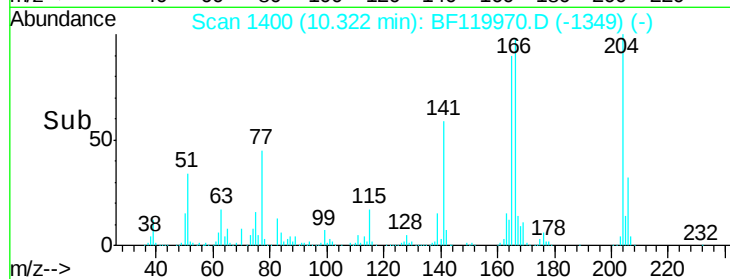
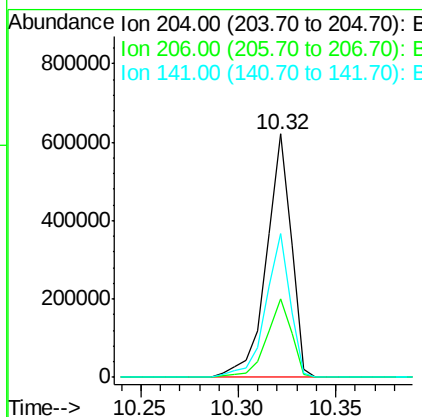
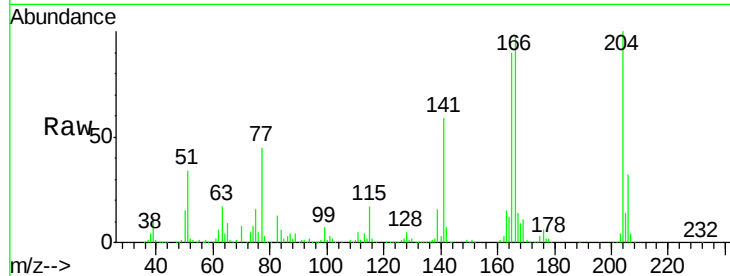




#61
 4-Chlorophenyl-phenylether
 Concen: 39.286 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

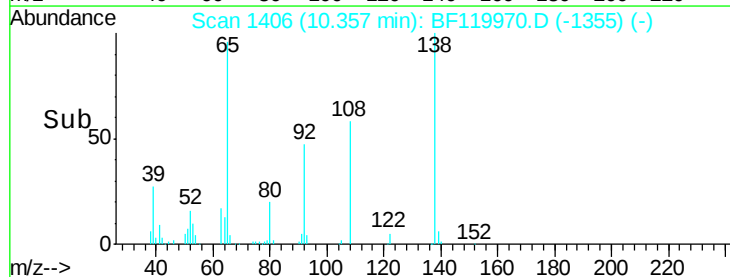
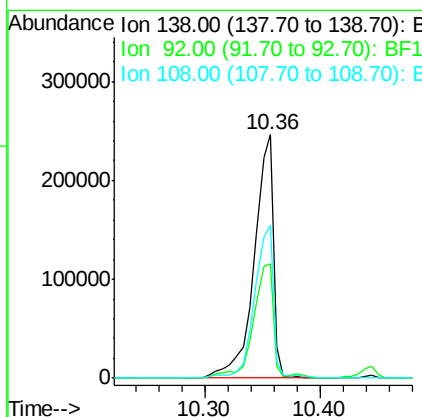
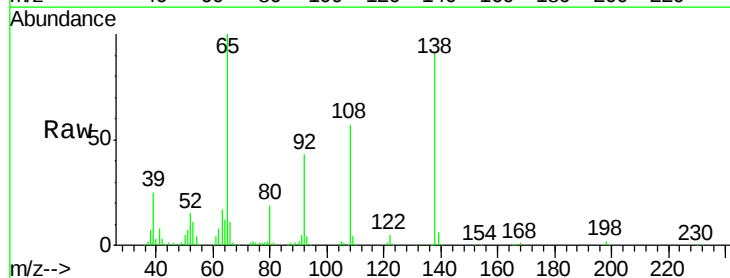
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

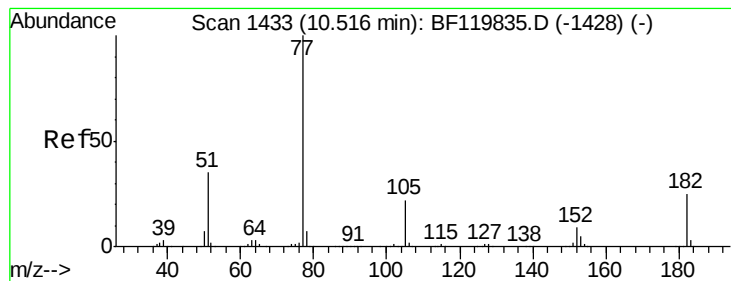
Tot Ion:204 Resp: 546621
 Ion Ratio Lower Upper
 204 100
 206 32.0 26.7 40.1
 141 59.3 45.8 68.8



#62
 4-Nitroaniline
 Concen: 41.437 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion:138 Resp: 286473
 Ion Ratio Lower Upper
 138 100
 92 47.1 31.6 71.6
 108 62.5 45.2 85.2





#63

Azobenzene

Concen: 43.972 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

Tot Ion: 77 Resp: 1184660

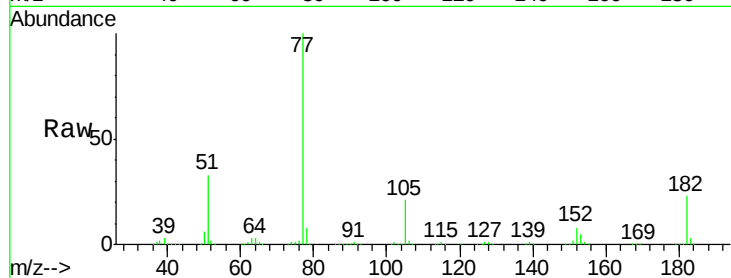
Ion Ratio Lower Upper

77 100

182 22.8 4.5 44.5

105 21.2 2.2 42.2

51 32.9 15.1 55.1

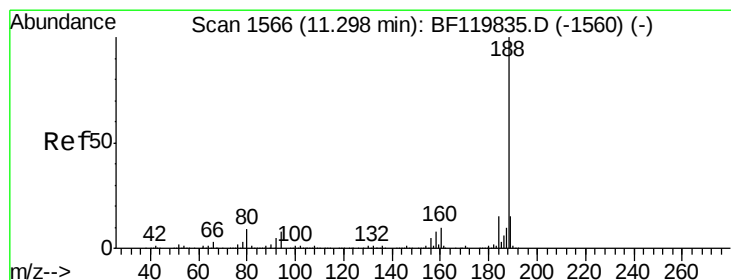
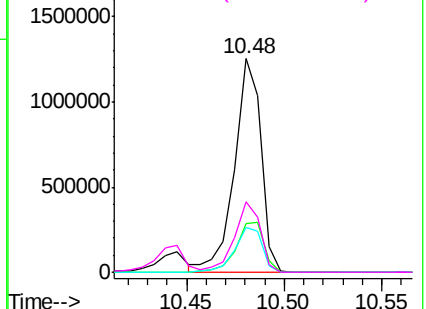
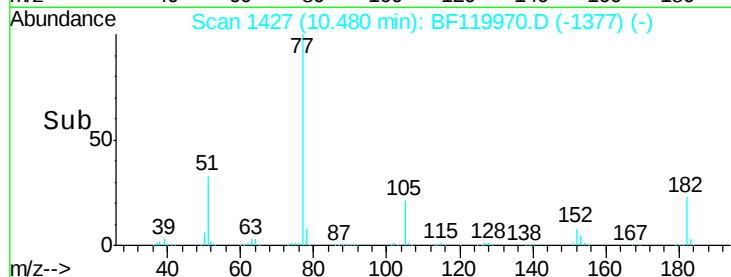


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

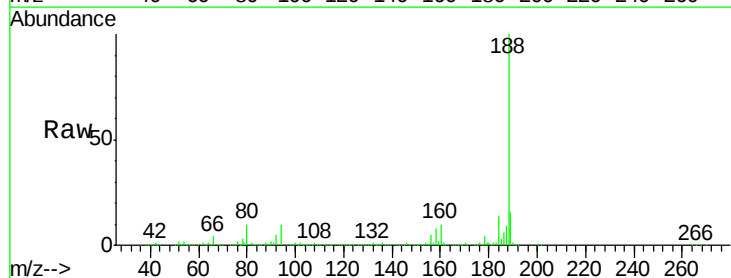
Tgt Ion: 188 Resp: 727590

Ion Ratio Lower Upper

188 100

94 9.7 6.7 10.1

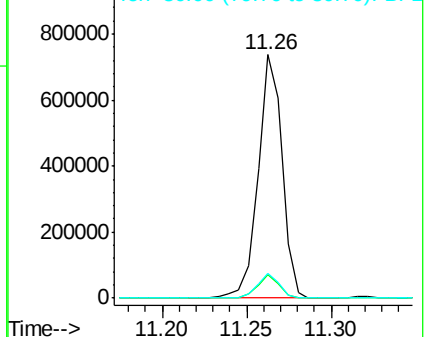
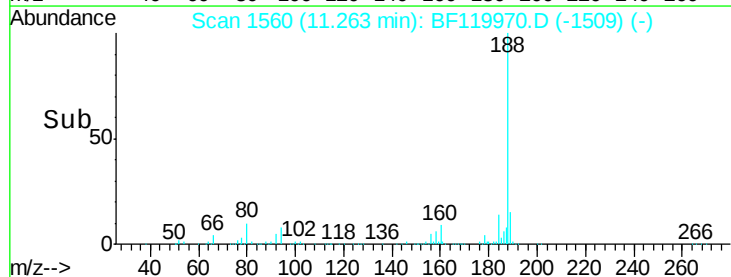
80 10.0 7.4 11.2

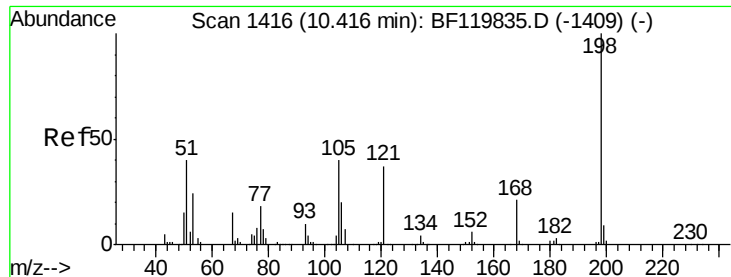


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 38.277 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

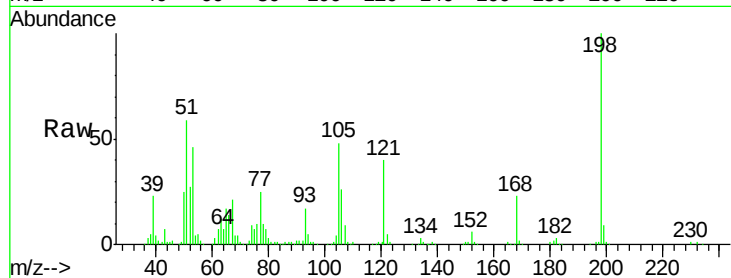
BNA_F

ClientSampleId :

VNJ-223MS

Tot Ion:198 Resp: 183477

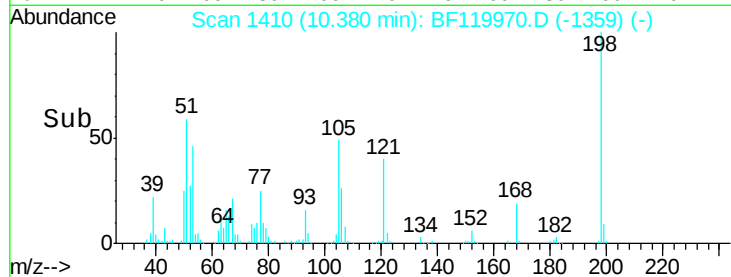
Ion	Ratio	Lower	Upper
198	100		
51	58.9	25.2	65.2
105	48.4	20.8	60.8



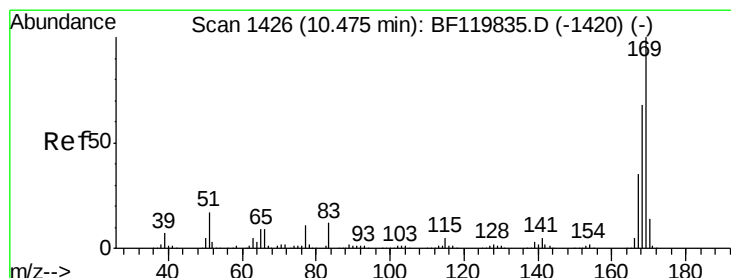
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 42.871 ng

RT: 10.45 min Scan# 1421

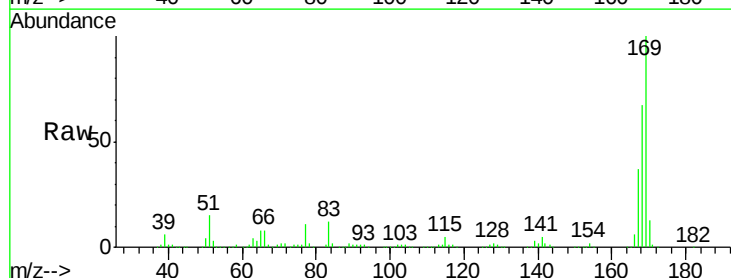
Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Tgt Ion:169 Resp: 1037377

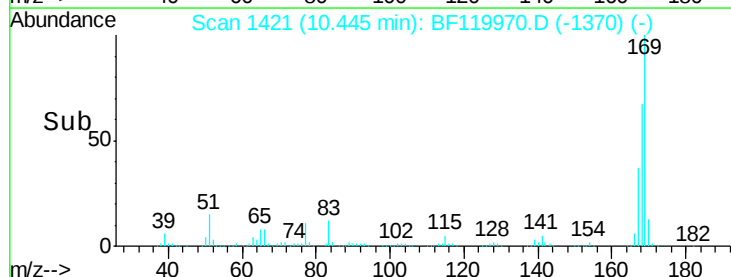
Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.2	81.4
167	37.1	28.3	42.5



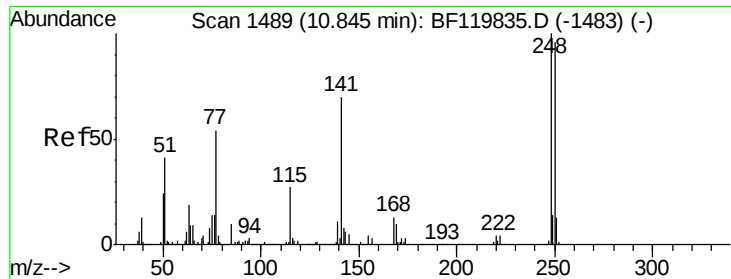
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



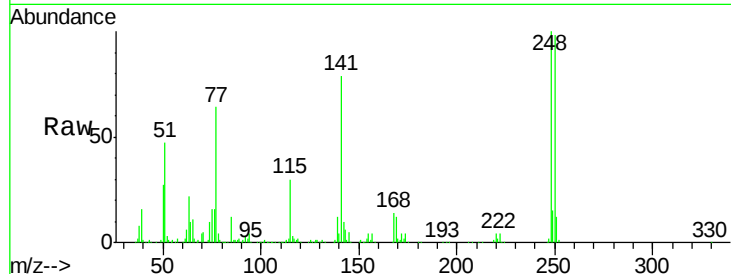
Time-->



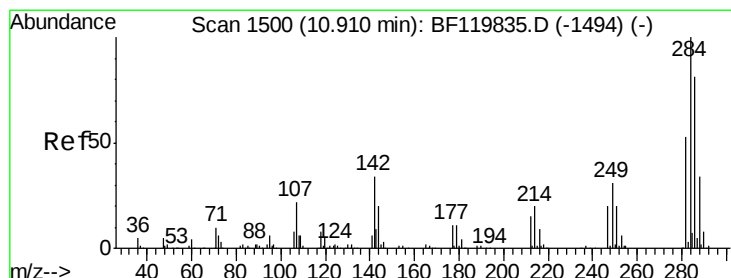
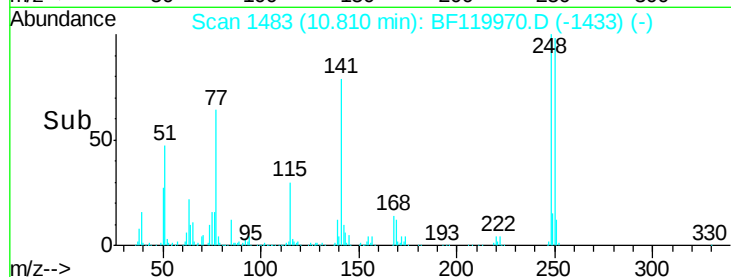
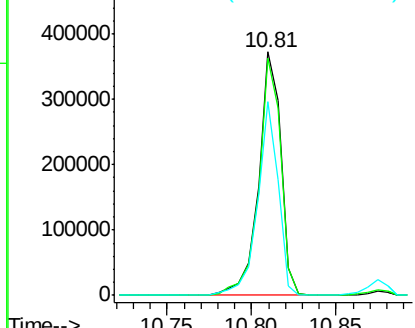
#67
 4-Bromophenyl-phenylether
 Concen: 37.662 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

Tot Ion:248 Resp: 340775
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.6 114.8
 141 79.4 55.9 83.9

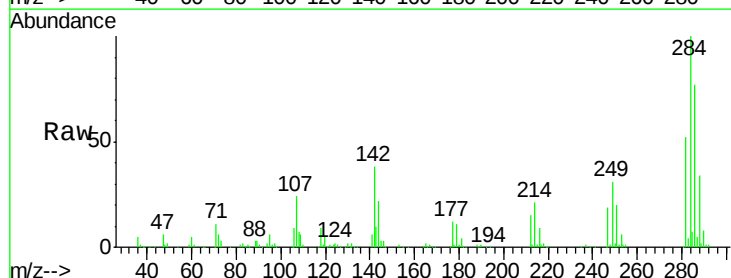


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

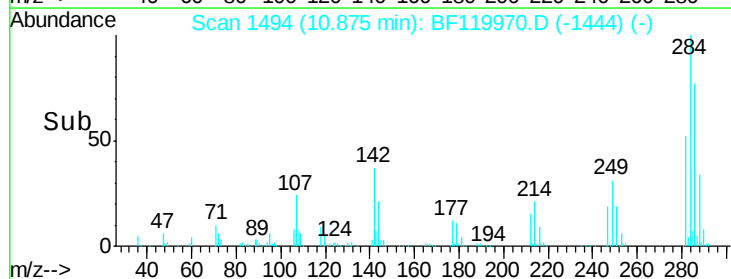
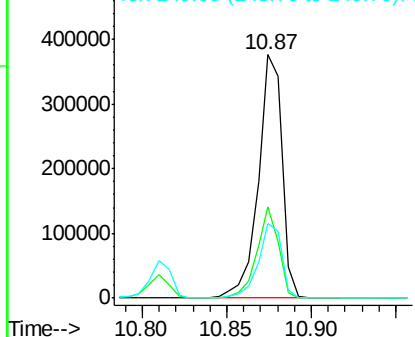


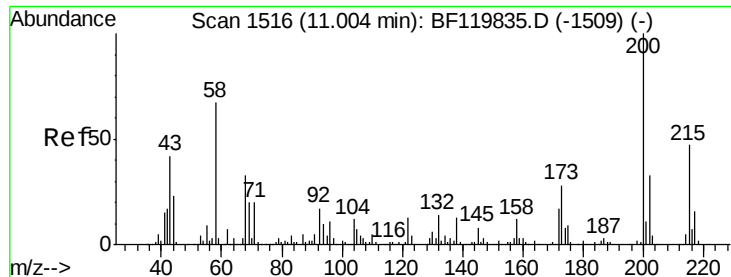
#68
 Hexachlorobenzene
 Concen: 40.069 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion:284 Resp: 367802
 Ion Ratio Lower Upper
 284 100
 142 37.6 26.9 40.3
 249 30.9 24.6 37.0



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

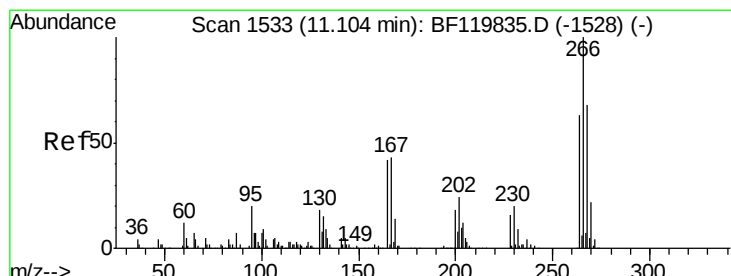
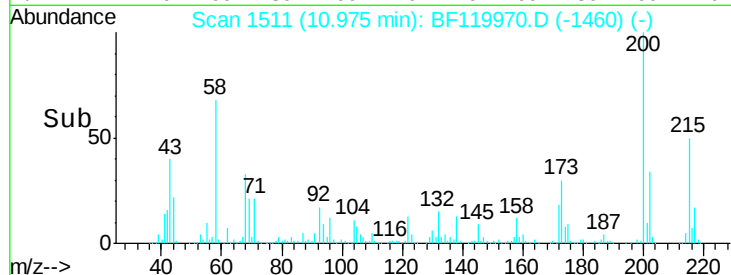
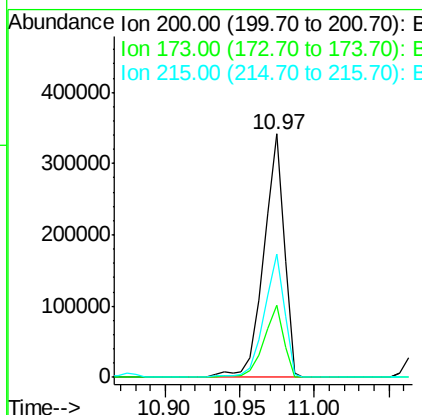
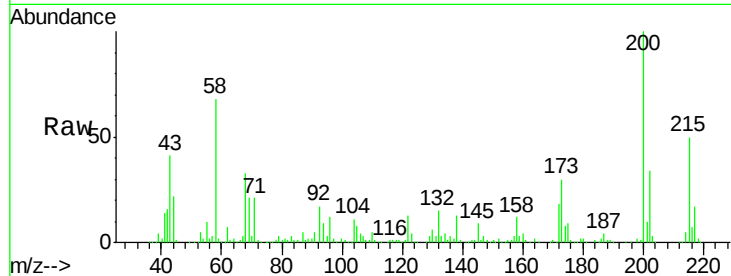




#69
Atrazine
Concen: 47.353 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

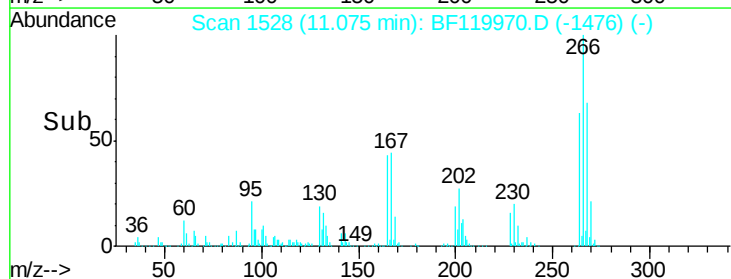
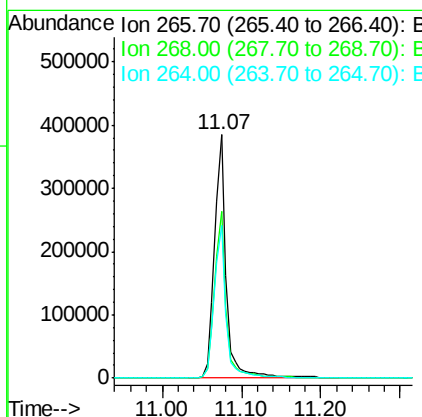
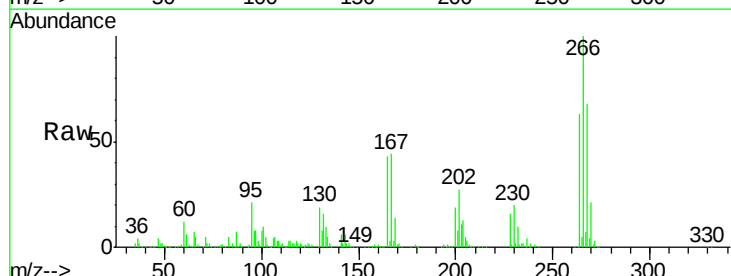
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

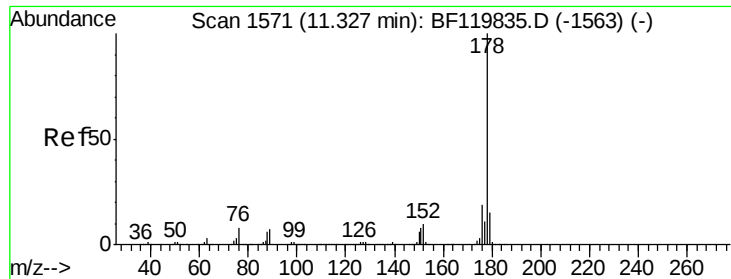
Tot Ion:200 Resp: 318804
Ion Ratio Lower Upper
200 100
173 29.8 8.0 48.0
215 50.5 27.1 67.1



#70
Pentachlorophenol
Concen: 75.435 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:266 Resp: 399032
Ion Ratio Lower Upper
266 100
268 68.4 54.2 81.4
264 62.8 50.6 76.0

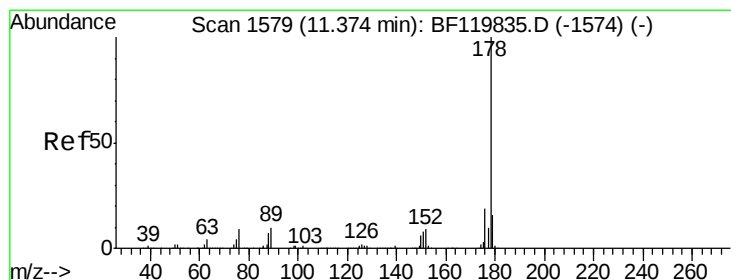
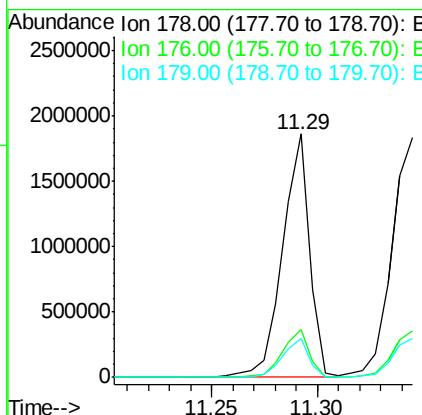
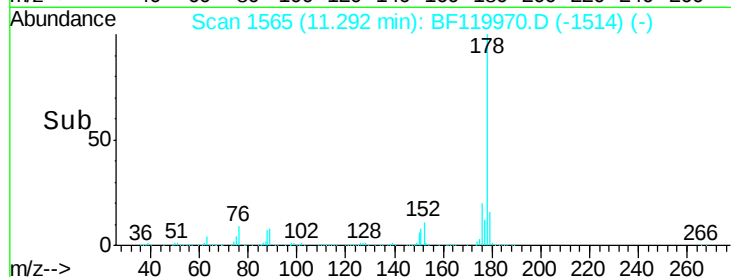
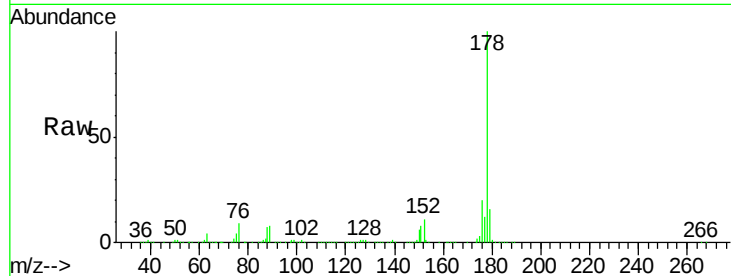




#71
Phenanthrene
Concen: 42.827 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

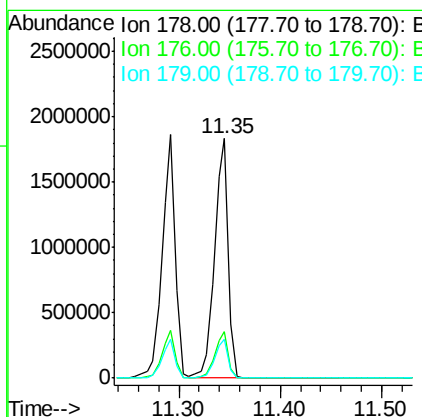
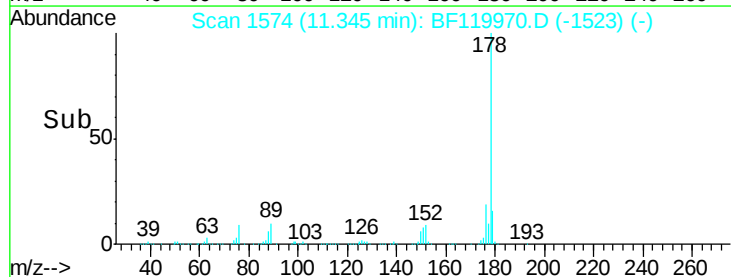
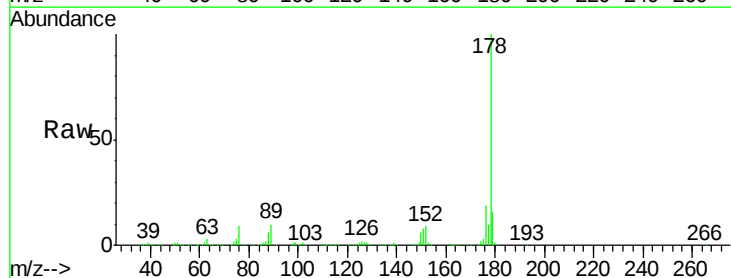
Instrument :
BNA_F
ClientSampled :
VNJ-223MS

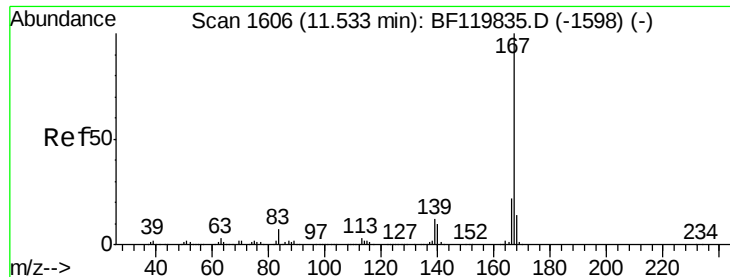
Tot Ion:178 Resp: 1658411
Ion Ratio Lower Upper
178 100
176 19.8 15.1 22.7
179 15.8 12.2 18.4



#72
Anthracene
Concen: 42.913 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:178 Resp: 1697565
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.3 12.8 19.2

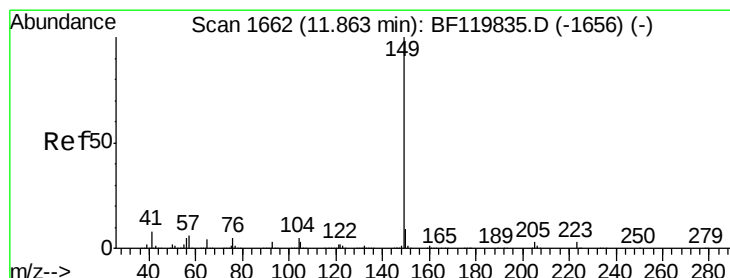
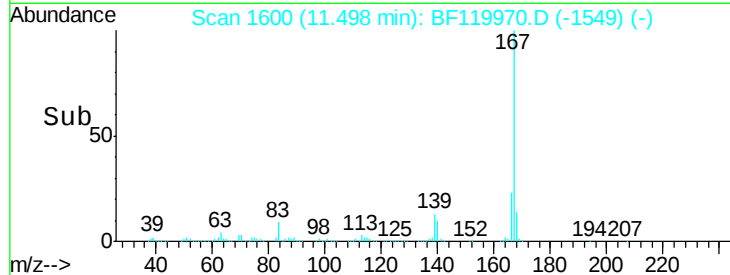
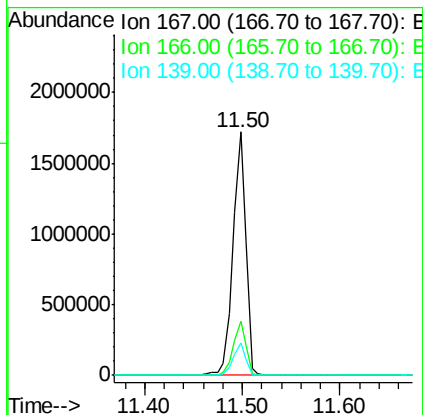
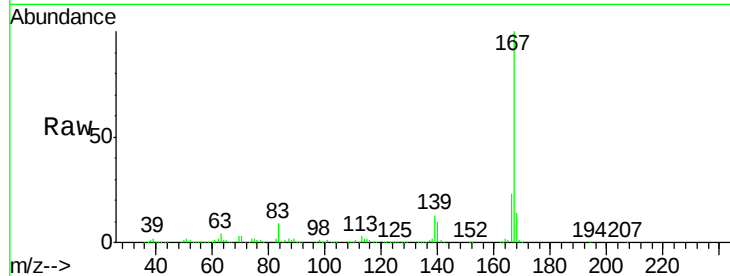




#73
 Carbazole
 Concen: 42.288 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

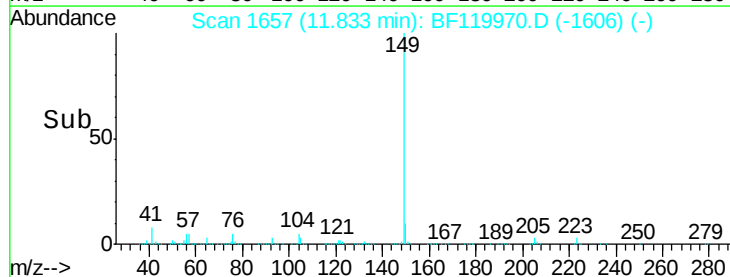
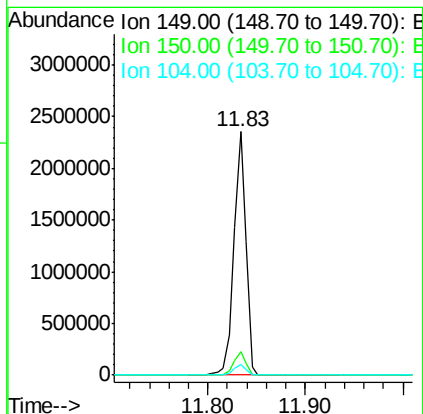
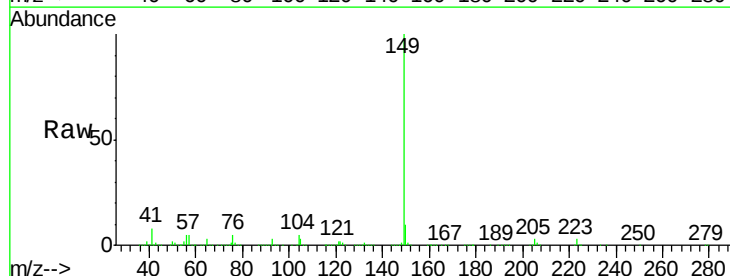
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MS

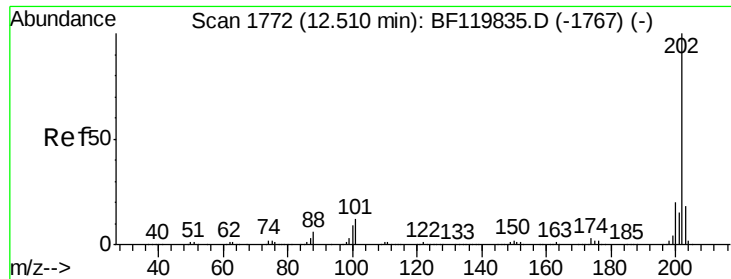
Tot Ion:167 Resp: 1581941
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.4 26.0
 139 13.3 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 40.675 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BF119970.D
 Acq: 14 Apr 2020 23:30

Tgt Ion:149 Resp: 2000277
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 4.6 3.8 5.6

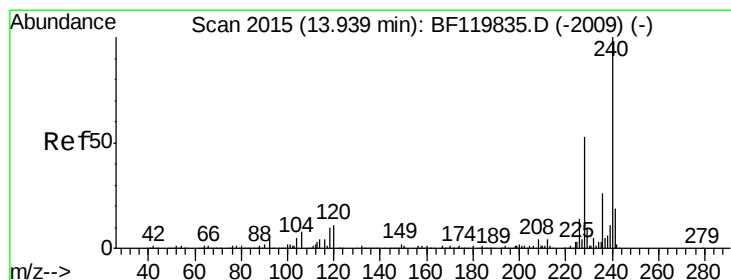
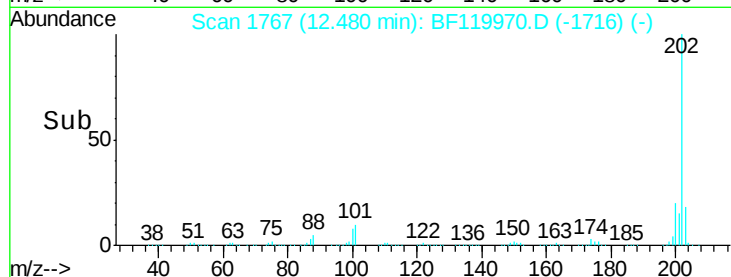
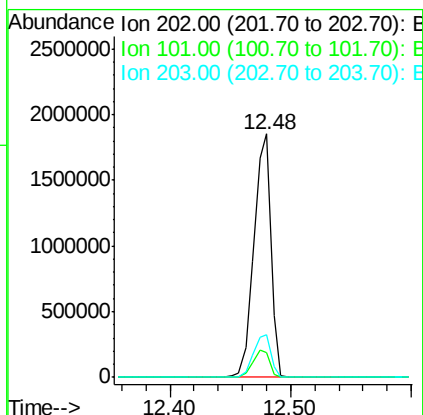
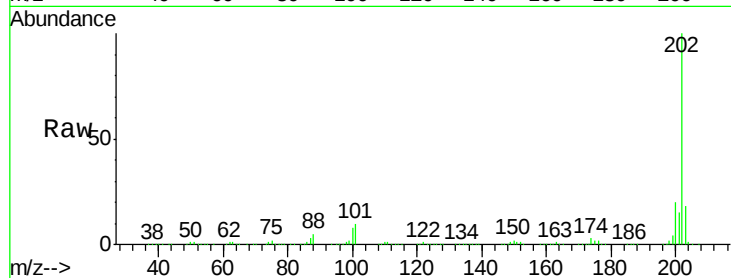




#75
Fluoranthene
Concen: 43.788 ng
RT: 12.48 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

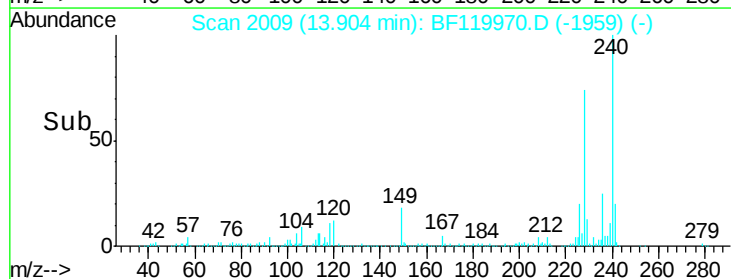
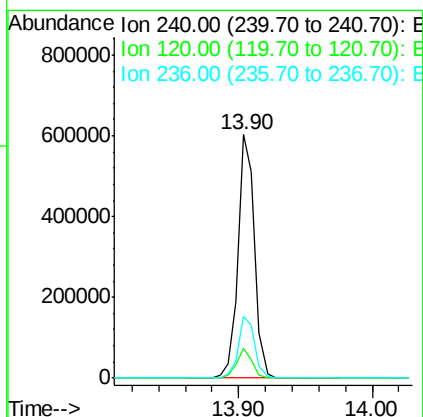
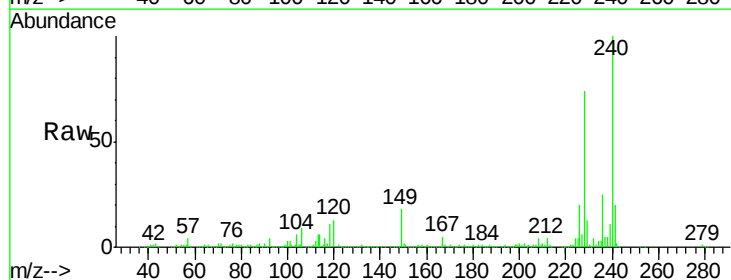
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

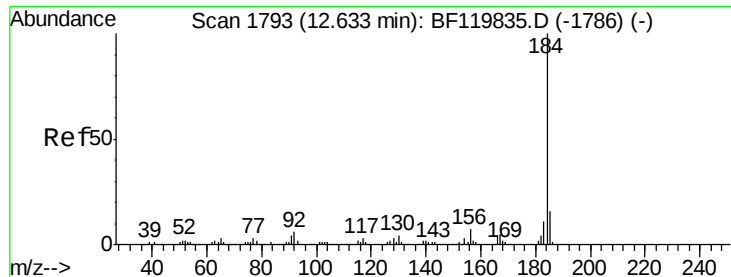
Tot Ion:202 Resp: 1829547
Ion Ratio Lower Upper
202 100
101 10.4 0.0 32.3
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:240 Resp: 519935
Ion Ratio Lower Upper
240 100
120 12.5 9.0 13.6
236 25.5 20.7 31.1





#77

Benzidine

Concen: 20.339 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

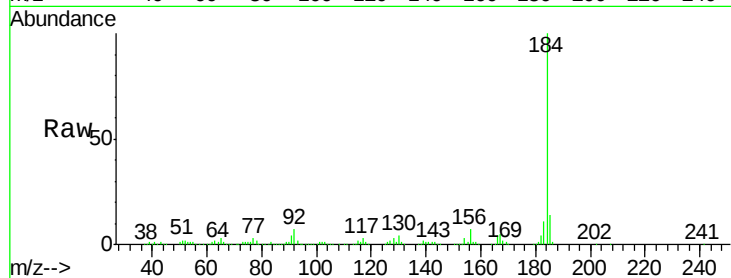
Tot Ion:184 Resp: 357456

Ion Ratio Lower Upper

184 100

185 14.3 13.2 19.8

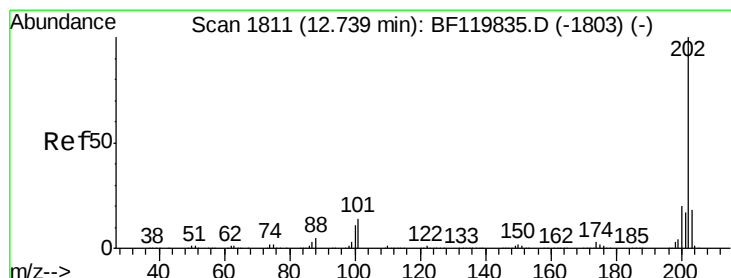
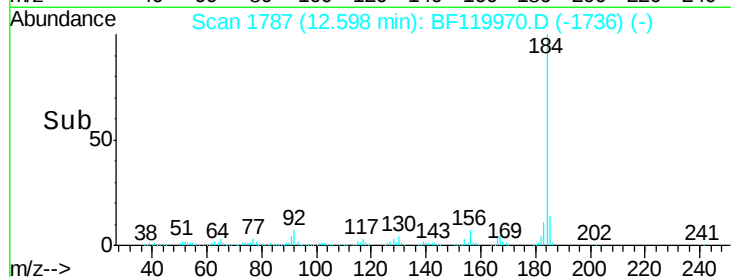
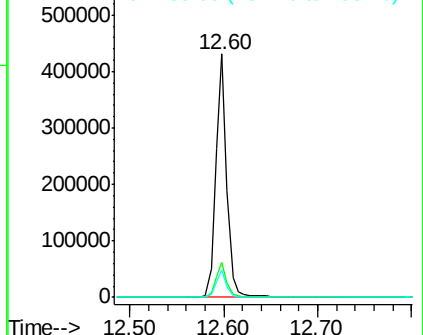
183 11.0 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.777 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

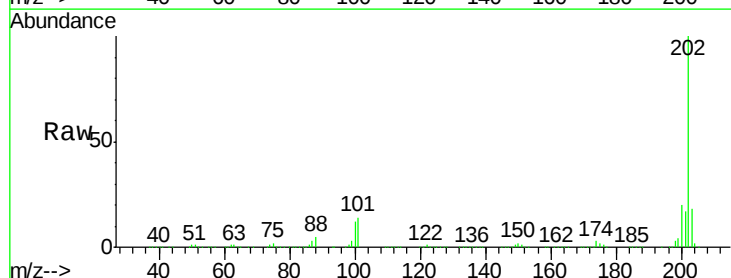
Tgt Ion:202 Resp: 1831134

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

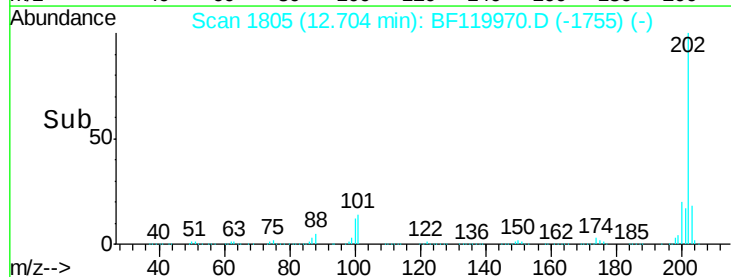
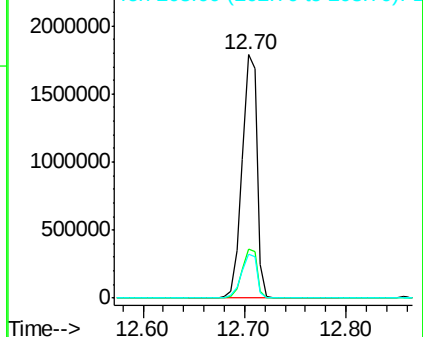
203 18.3 14.1 21.1

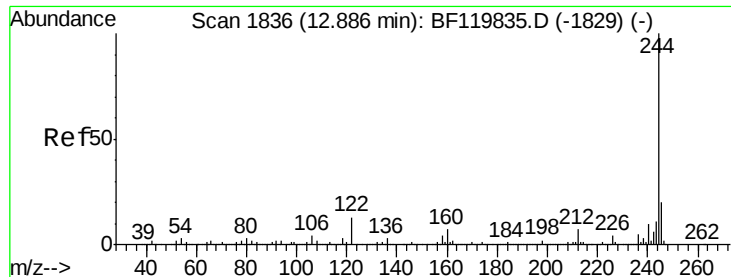


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.890 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

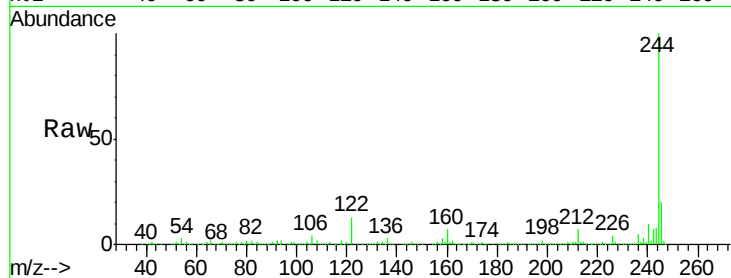
Tot Ion:244 Resp: 2499479

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

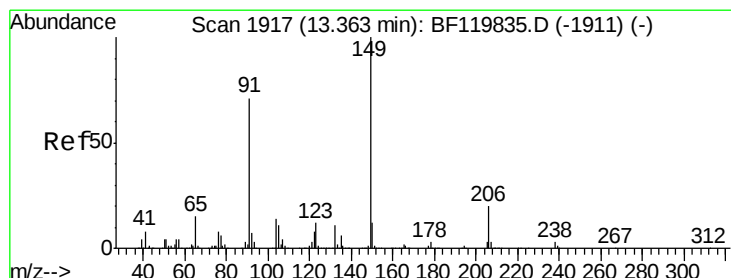
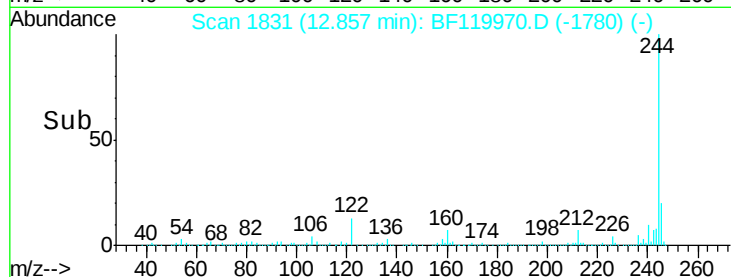
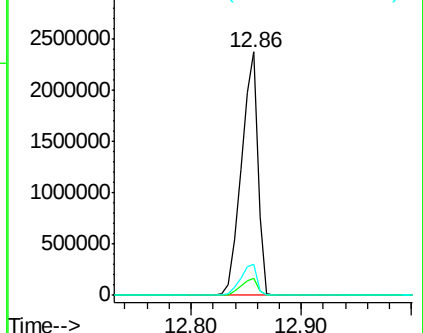
122 12.9 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.181 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

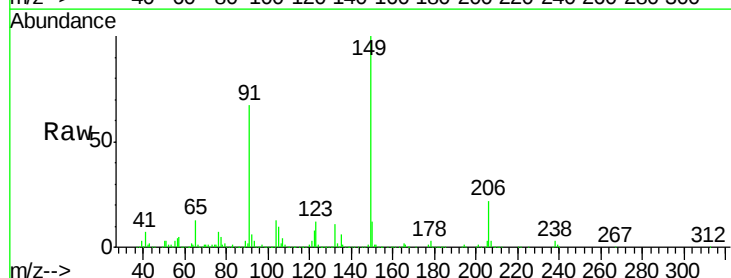
Tgt Ion:149 Resp: 854584

Ion Ratio Lower Upper

149 100

91 66.8 56.7 85.1

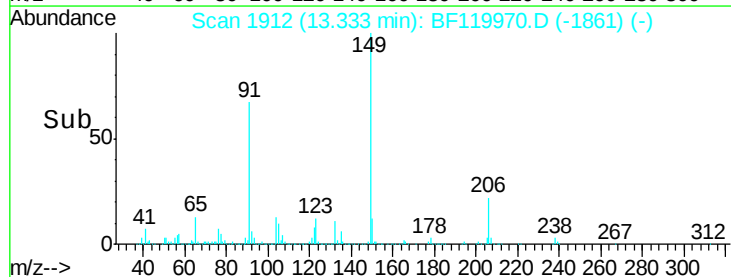
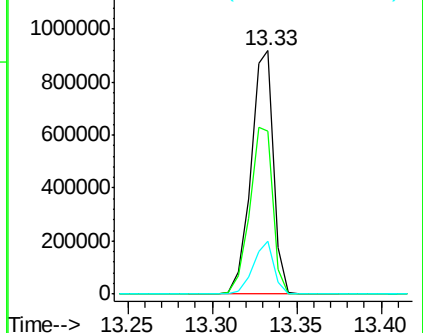
206 21.6 15.7 23.5

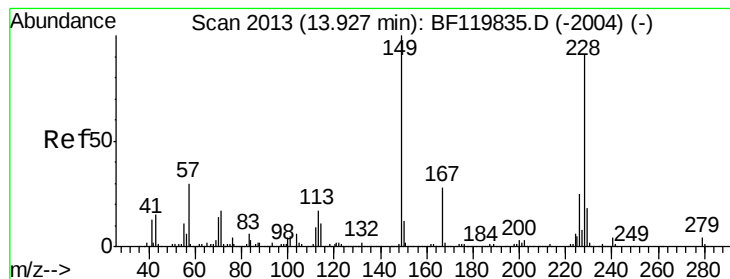


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.353 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

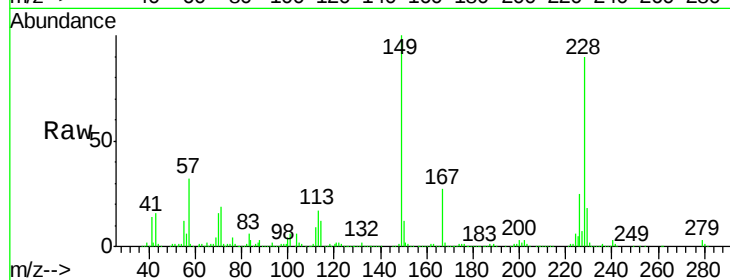
Tot Ion:228 Resp: 1414450

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

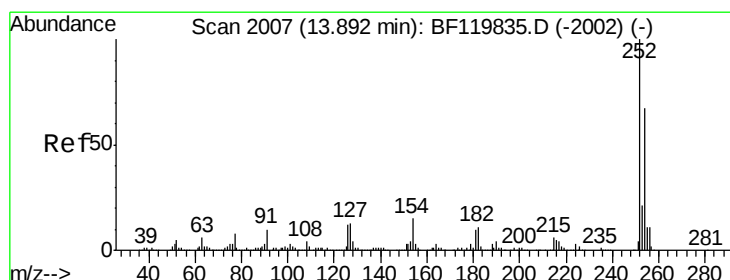
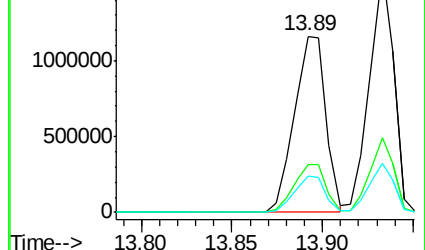
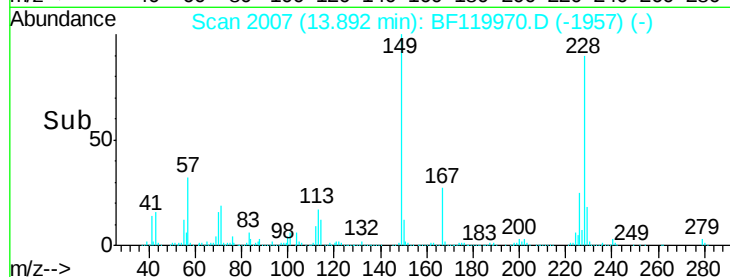
229 20.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.368 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

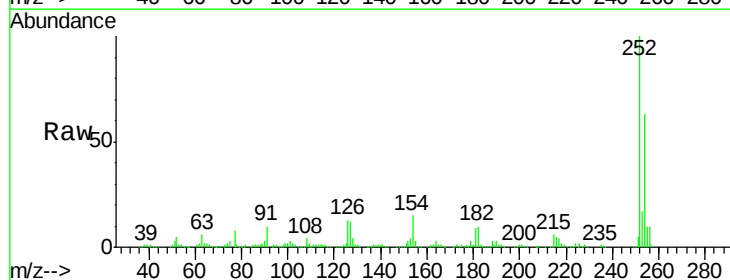
Tgt Ion:252 Resp: 349280

Ion Ratio Lower Upper

252 100

254 62.9 53.9 80.9

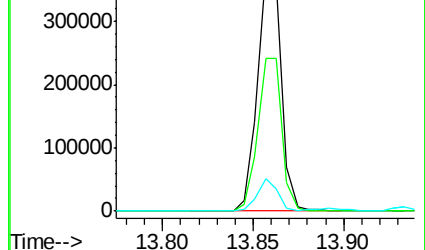
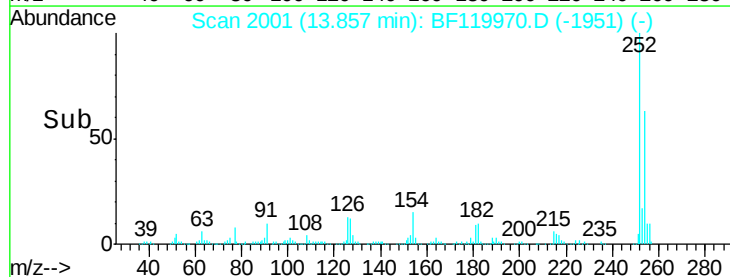
126 13.1 9.7 14.5

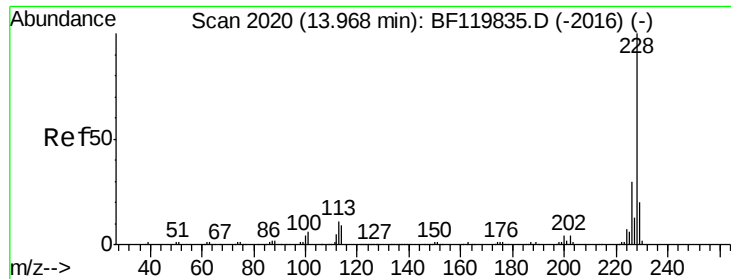


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.961 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

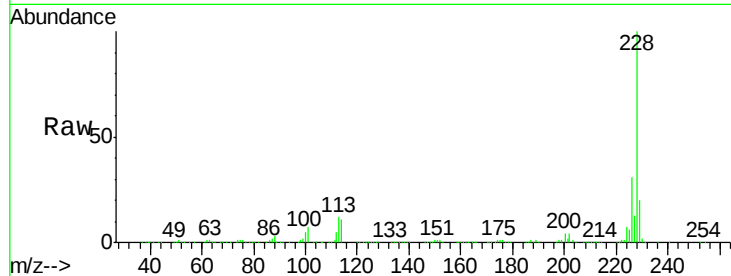
Tot Ion:228 Resp: 1493110

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

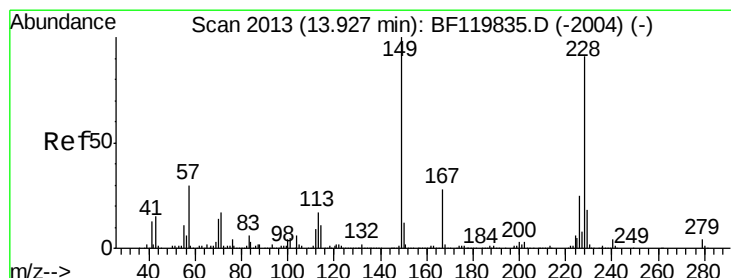
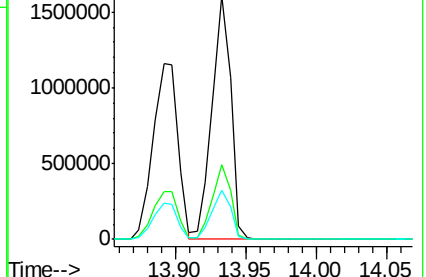
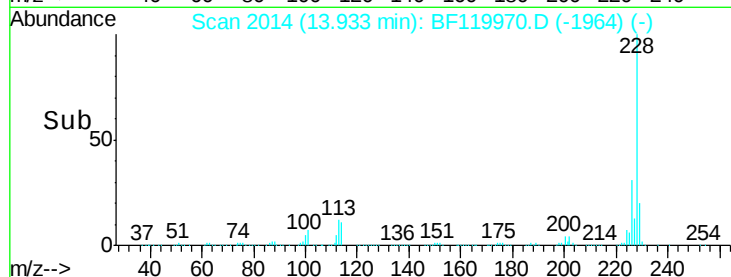
229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.338 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

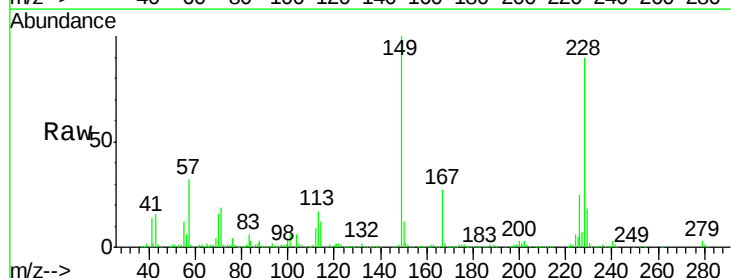
Tgt Ion:149 Resp: 1133018

Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.2

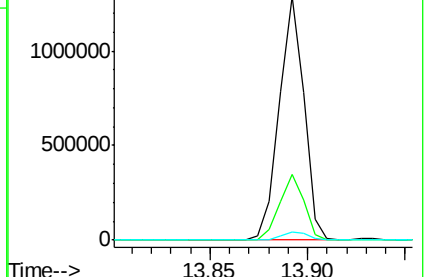
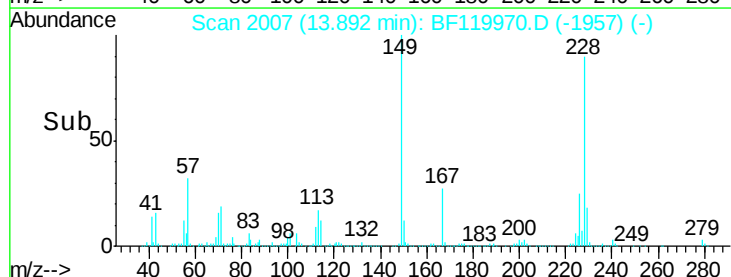
279 3.4 3.4 5.0

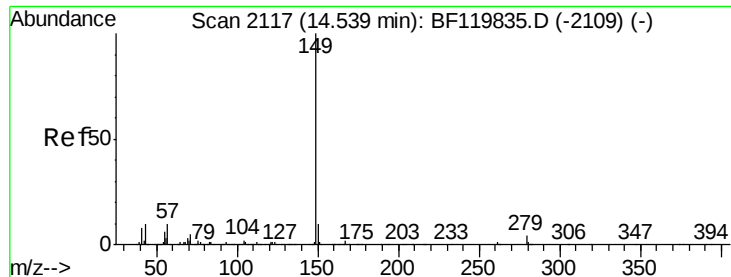


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

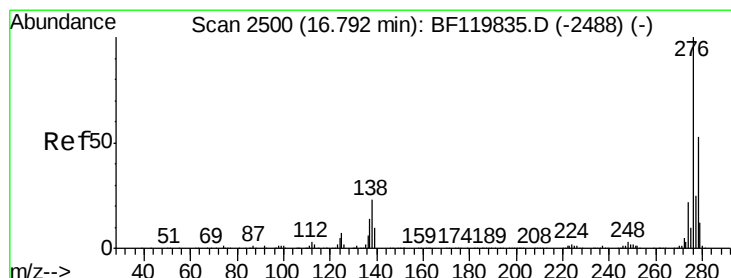
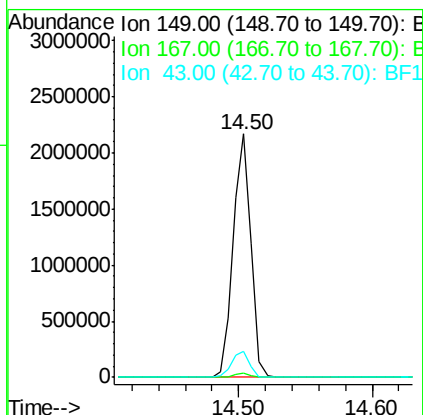
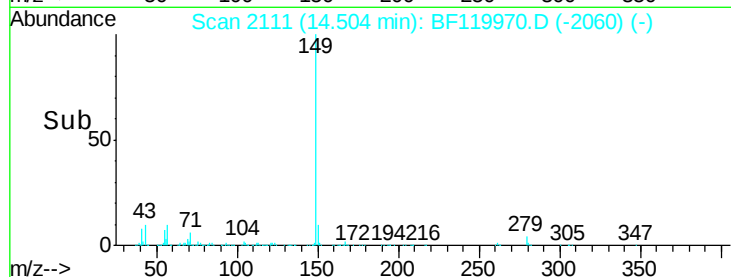
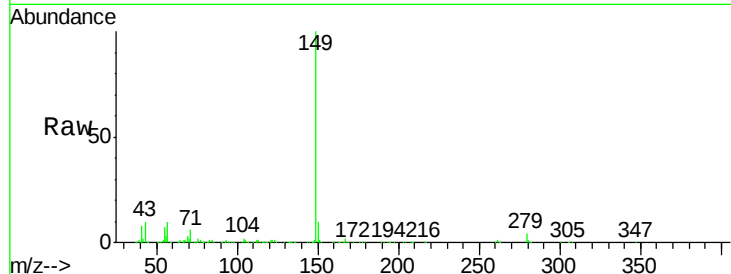




#85
Di-n-octyl phthalate
Concen: 41.268 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

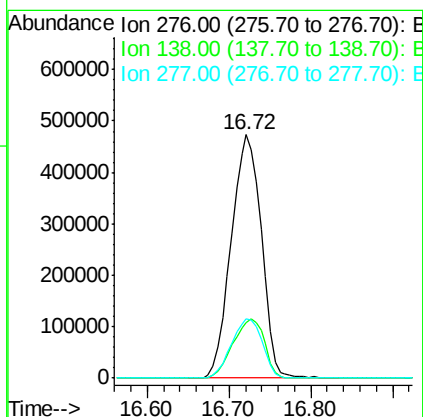
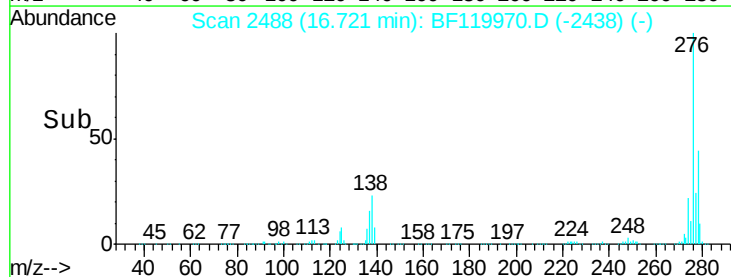
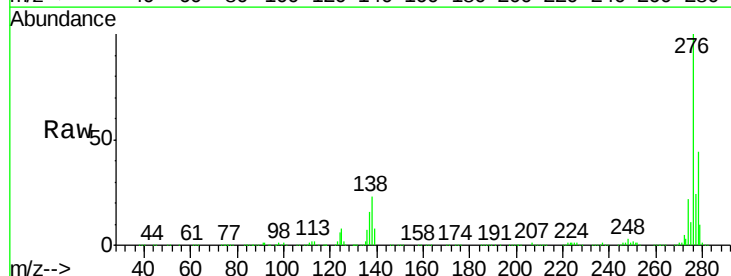
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

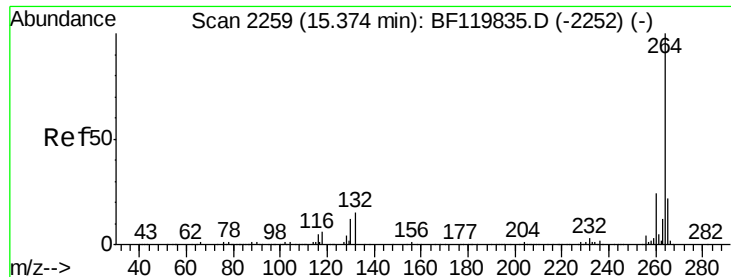
Tot Ion:149 Resp: 2023812
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 9.2 13.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.738 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:276 Resp: 1217407
Ion Ratio Lower Upper
276 100
138 25.4 18.0 27.0
277 25.2 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

Instrument :

BNA_F

ClientSampleId :

VNJ-223MS

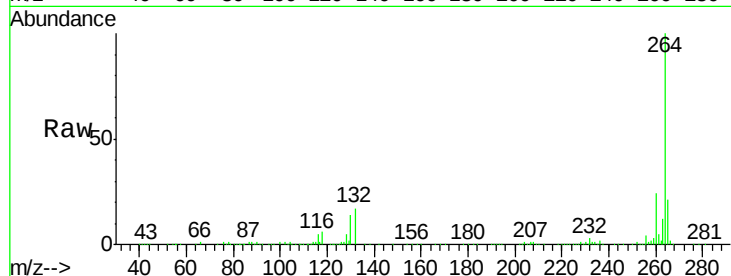
Tot Ion:264 Resp: 430681

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

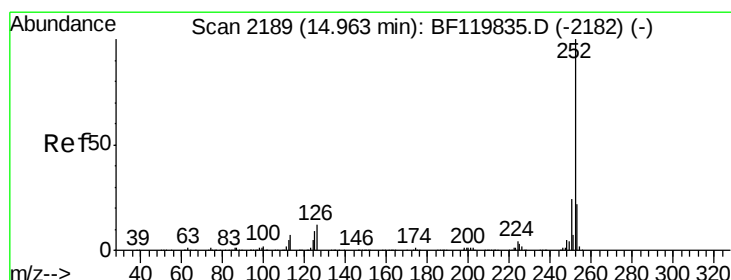
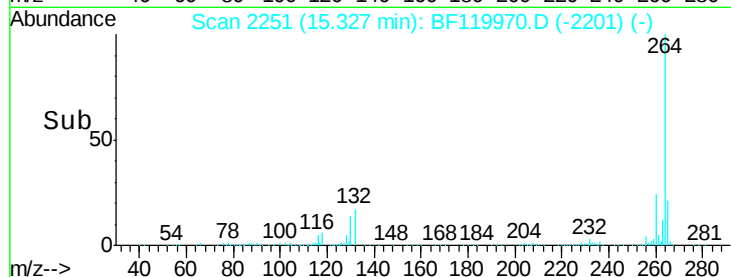
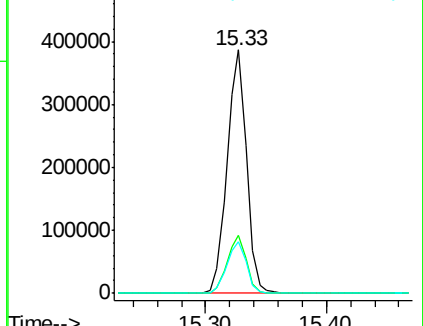
265 21.0 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.646 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BF119970.D

Acq: 14 Apr 2020 23:30

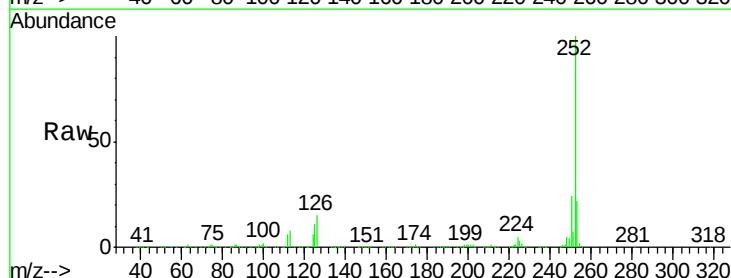
Tgt Ion:252 Resp: 1321253

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

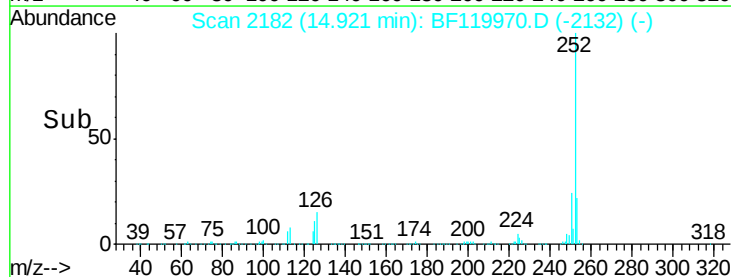
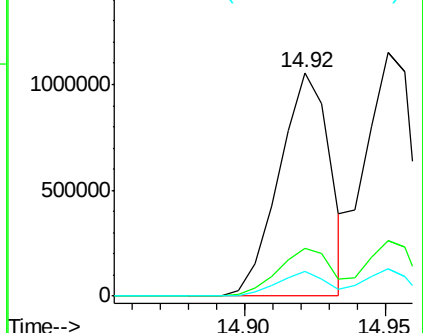
125 11.0 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

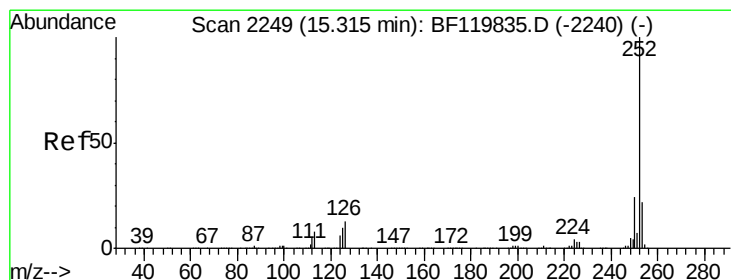
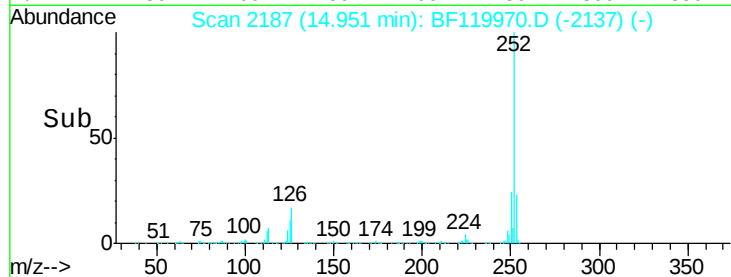
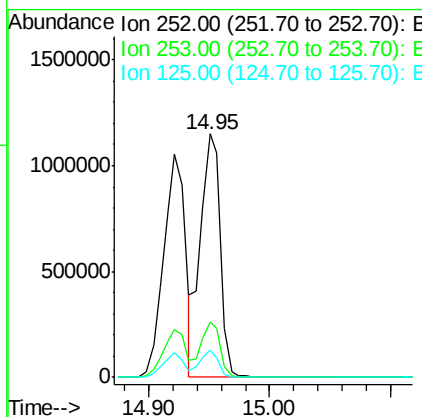
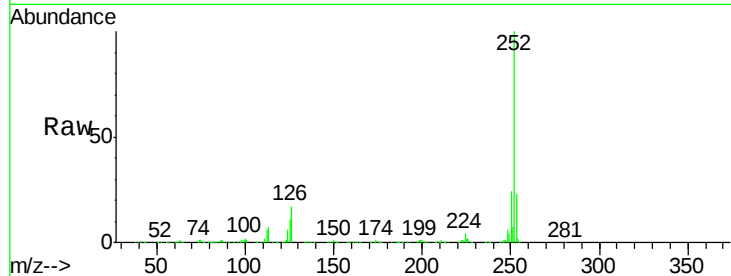




#89
Benzo(k)fluoranthene
Concen: 48.937 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

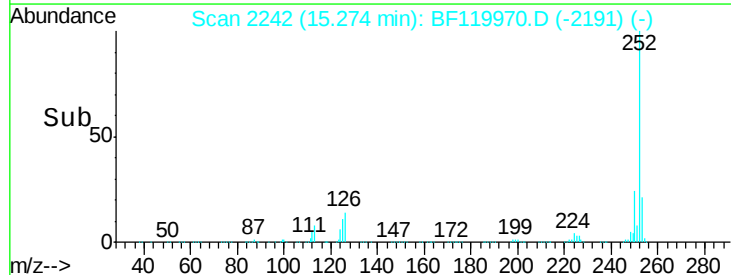
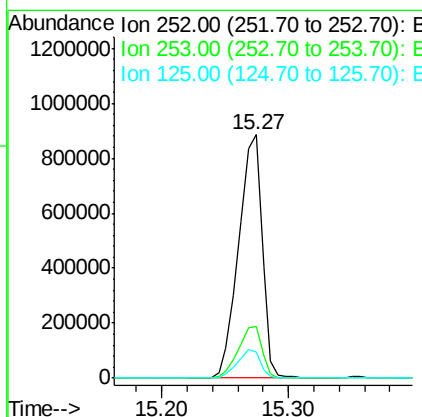
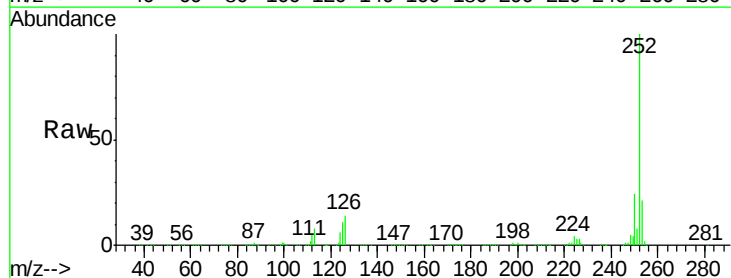
Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

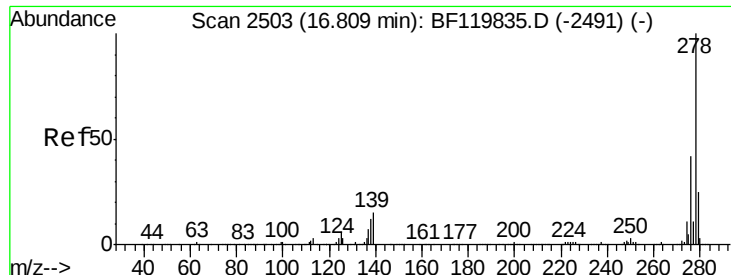
Tot Ion:252 Resp: 1308189
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 43.782 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:252 Resp: 1140522
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 10.7 8.3 12.5

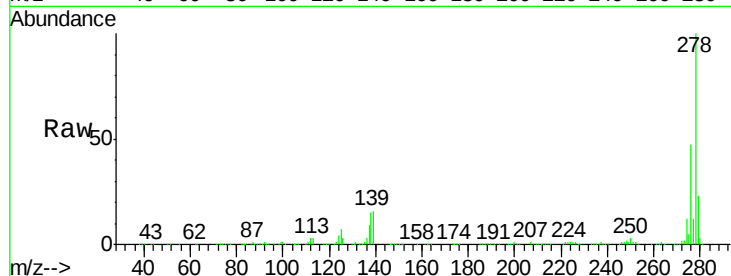




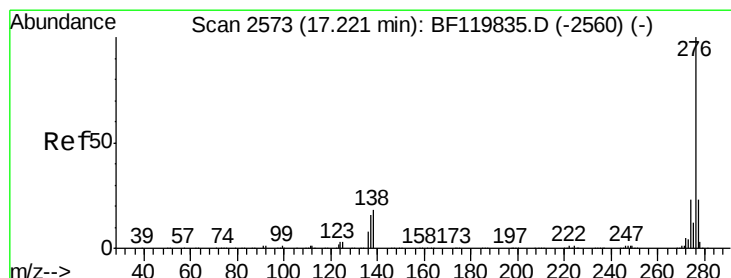
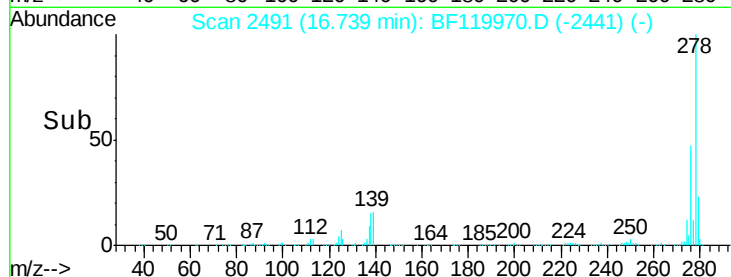
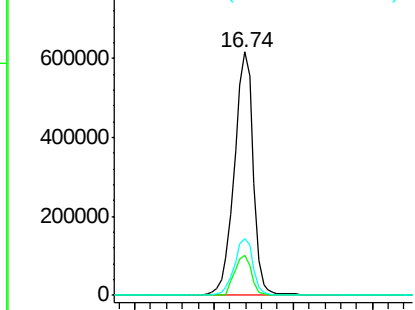
#91
Dibenzo(a,h)anthracene
Concen: 44.419 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Instrument :
BNA_F
ClientSampleId :
VNJ-223MS

Tot Ion:278 Resp: 1024942
Ion Ratio Lower Upper
278 100
139 16.5 11.6 17.4
279 23.1 19.7 29.5

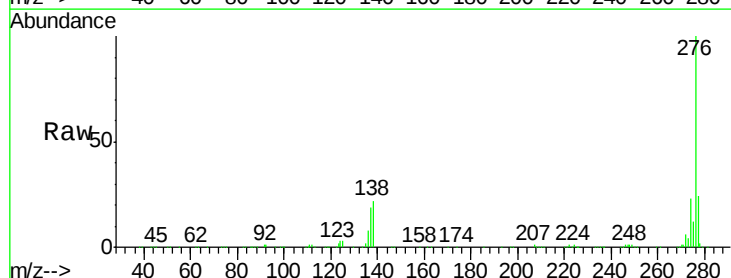


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.882 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119970.D
Acq: 14 Apr 2020 23:30

Tgt Ion:276 Resp: 976730
Ion Ratio Lower Upper
276 100
277 24.1 18.5 27.7
138 22.1 14.6 22.0#



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

