

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119971.D
 Acq On : 14 Apr 2020 23:57
 Operator : MA/SJ
 Sample : L2195-04MSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

Quant Time: Apr 15 02:34:04 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	178851	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	705098	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	366182	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	718751	20.00	ng	0.00
76) Chrysene-d12	13.90	240	500844	20.00	ng	0.00
87) Perylene-d12	15.33	264	416598	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1044362	100.91	ng	0.00
7) Phenol-d6	6.37	99	1375650	103.16	ng	0.00
23) Nitrobenzene-d5	7.30	82	950174	69.72	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	531499	118.55	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2082653	80.75	ng	0.00
79) Terphenyl-d14	12.86	244	2691132	90.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	91561	19.864	ng	# 81
3) Pyridine	3.18	79	221968	17.551	ng	94
4) n-Nitrosodimethylamine	3.10	42	170599	26.402	ng	91
6) Aniline	6.40	93	443019	25.311	ng	99
8) 2-Chlorophenol	6.52	128	448985	38.828	ng	99
9) Benzaldehyde	6.28	77	108257	9.423	ng	100
10) Phenol	6.39	94	535583	35.402	ng	94
11) bis(2-Chloroethyl)ether	6.47	93	406204	34.774	ng	100
12) 1,3-Dichlorobenzene	6.67	146	382907	30.247	ng	99
13) 1,4-Dichlorobenzene	6.75	146	393296	30.498	ng	100
14) 1,2-Dichlorobenzene	6.90	146	379884	31.965	ng	97
15) Benzyl Alcohol	6.88	79	373954	36.105	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	742566	32.668	ng	96
17) 2-Methylphenol	7.00	107	404385	39.187	ng	97
18) Hexachloroethane	7.25	117	149066	30.930	ng	93
19) n-Nitroso-di-n-propylamine	7.16	70	341651	39.842	ng	97
20) 3+4-Methylphenols	7.15	107	496353	39.328	ng	93
22) Acetophenone	7.15	105	623241	37.747	ng	98
24) Nitrobenzene	7.32	77	489785	35.723	ng	99
25) Isophorone	7.56	82	1013802	38.587	ng	99
26) 2-Nitrophenol	7.64	139	257616	37.609	ng	95
27) 2,4-Dimethylphenol	7.68	122	427581	41.389	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	610698	39.501	ng	100
29) 2,4-Dichlorophenol	7.88	162	435799	41.154	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	401872	33.493	ng	98
31) Naphthalene	8.05	128	1351657	36.436	ng	99
32) Benzoic acid	7.81	122	339225	37.388	ng	94
33) 4-Chloroaniline	8.09	127	387750	24.009	ng	98
34) Hexachlorobutadiene	8.16	225	220919	30.758	ng	99
35) Caprolactam	8.53	113	52594	16.237	ng	93
36) 4-Chloro-3-methylphenol	8.58	107	522375	45.564	ng	98
37) 2-Methylnaphthalene	8.74	142	994141	39.527	ng	98
38) 1-Methylnaphthalene	8.83	142	945391	39.880	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	435954	37.694	ng	99

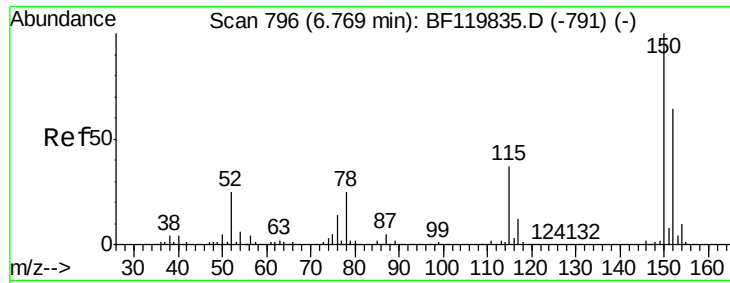
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119971.D
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 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	398572	60.604	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	343804	43.048	ng	100
44) 2,4,5-Trichlorophenol	9.06	196	393692	43.767	ng	96
46) 1,1'-Biphenyl	9.20	154	1267430	41.007	ng	99
47) 2-Chloronaphthalene	9.23	162	978421	41.093	ng	99
48) 2-Nitroaniline	9.32	65	399217	46.268	ng	97
49) Acenaphthylene	9.65	152	1595667	44.067	ng	100
50) Dimethylphthalate	9.52	163	1298523	45.846	ng	98
51) 2,6-Dinitrotoluene	9.57	165	291451	46.990	ng	96
52) Acenaphthene	9.82	154	986002	40.821	ng	100
53) 3-Nitroaniline	9.74	138	240723	33.982	ng	93
54) 2,4-Dinitrophenol	9.85	184	315501	84.963	ng	92
55) Dibenzofuran	9.99	168	1486853	44.858	ng	98
56) 4-Nitrophenol	9.91	139	440385	83.554	ng	96
57) 2,4-Dinitrotoluene	9.97	165	393179	48.114	ng	93
58) Fluorene	10.33	166	1166899	44.020	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	341115	49.583	ng	97
60) Diethylphthalate	10.21	149	1357516	46.244	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	566970	41.730	ng	97
62) 4-Nitroaniline	10.36	138	322184	47.725	ng	100
63) Azobenzene	10.49	77	1259450	47.873	ng	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	217269	45.884	ng	98
66) n-Nitrosodiphenylamine	10.45	169	1116058	46.690	ng	98
67) 4-Bromophenyl-phenylether	10.82	248	368819	41.262	ng	94
68) Hexachlorobenzene	10.88	284	393392	43.384	ng	96
69) Atrazine	10.97	200	348539	52.406	ng	96
70) Pentachlorophenol	11.07	266	436512	83.535	ng	98
71) Phenanthrene	11.29	178	1795516	46.938	ng	98
72) Anthracene	11.35	178	1858084	47.549	ng	99
73) Carbazole	11.50	167	1734267	46.930	ng	99
74) Di-n-butylphthalate	11.83	149	2208782	45.467	ng	99
75) Fluoranthene	12.48	202	1993446	48.298	ng	98
77) Benzidine	12.60	184	129688	7.660	ng	96
78) Pyrene	12.71	202	1987140	47.064	ng	100
80) Butylbenzylphthalate	13.33	149	930796	45.432	ng	94
81) Benzo(a)anthracene	13.90	228	1550094	47.046	ng	100
82) 3,3'-Dichlorobenzidine	13.86	252	488615	39.744	ng	96
83) Chrysene	13.93	228	1593248	47.590	ng	98
84) Bis(2-ethylhexyl)phthalate	13.89	149	1230145	44.339	ng	98
85) Di-n-octyl phthalate	14.50	149	2224502	47.090	ng	98
86) Indeno(1,2,3-cd)pyrene	16.73	276	1306291	44.264	ng	96
88) Benzo(b)fluoranthene	14.93	252	1506790	50.278	ng	100
89) Benzo(k)fluoranthene	14.96	252	1289222	49.858	ng	100
90) Benzo(a)pyrene	15.27	252	1204756	47.812	ng	99
91) Dibenzo(a,h)anthracene	16.74	278	1095234	49.069	ng	98
92) Benzo(g,h,i)perylene	17.14	276	1079406	48.992	ng	96

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

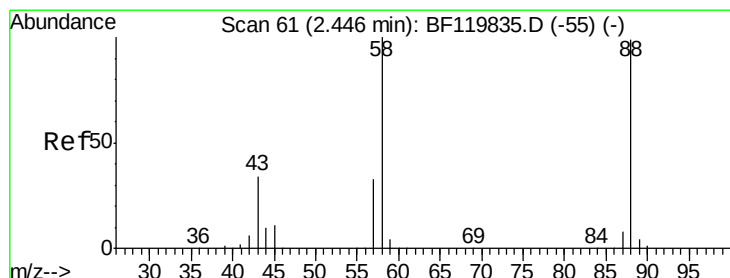
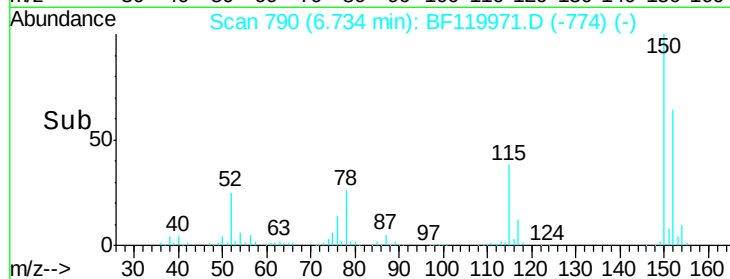
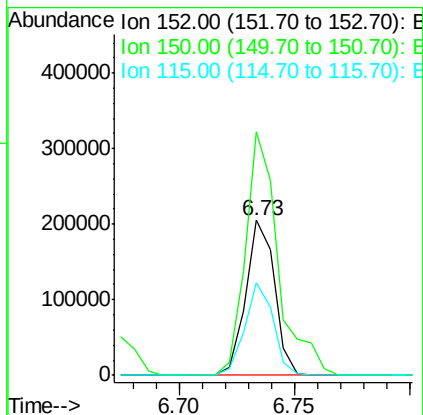
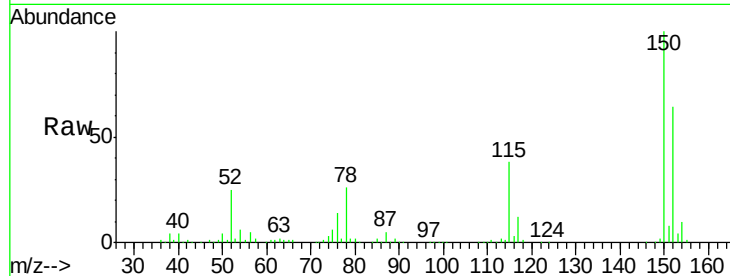


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

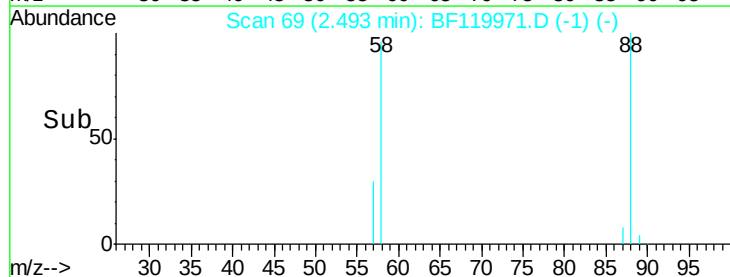
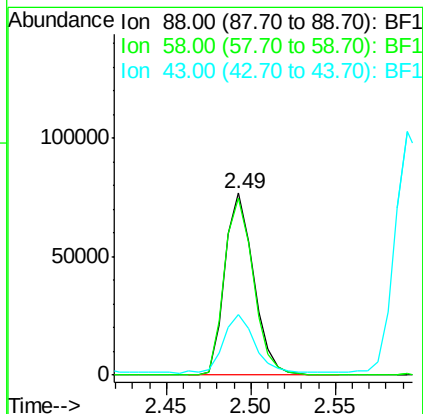
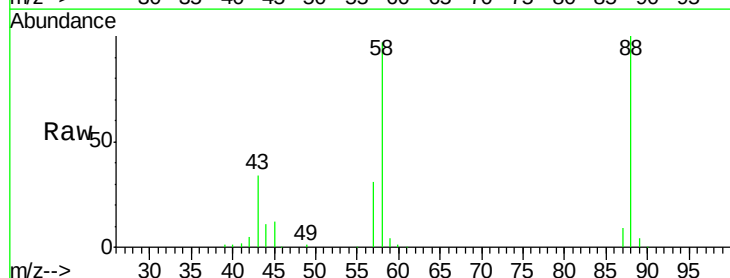
Tot Ion:152 Resp: 178851
Ion Ratio Lower Upper
152 100
150 156.8 124.8 187.2
115 59.2 46.5 69.7

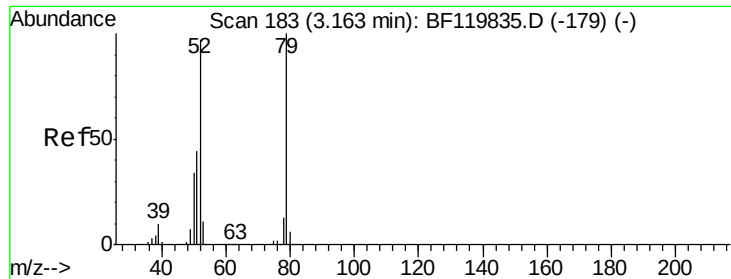


#2

1,4-Dioxane
Concen: 19.864 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.10 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion: 88 Resp: 91561
Ion Ratio Lower Upper
88 100
58 98.0 82.6 123.8
43 0.0 28.6 42.8#





#3

Pvridine

Concen: 17.551 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.08 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

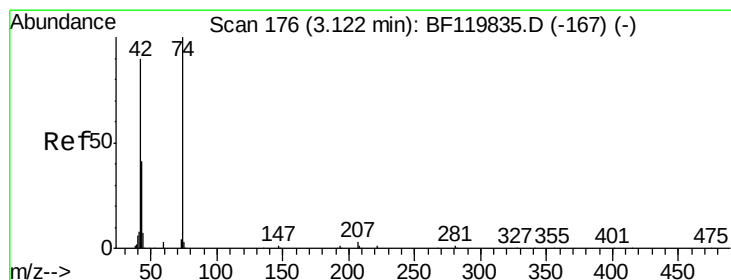
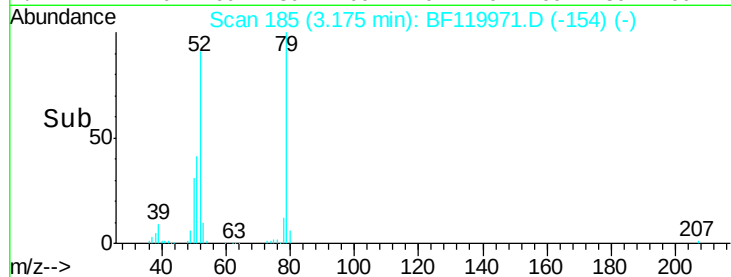
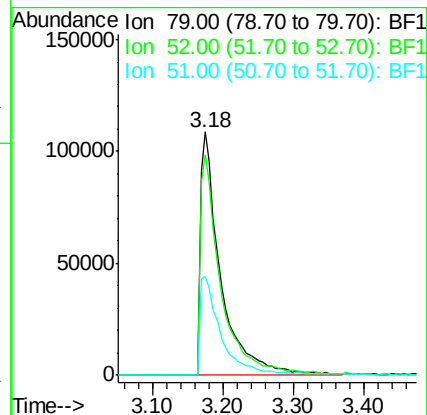
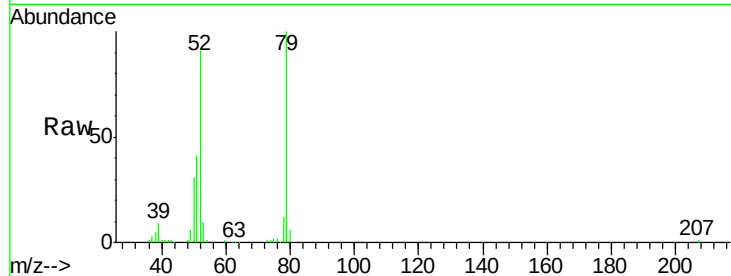
Tot Ion: 79 Resp: 221968

Ion Ratio Lower Upper

79 100

52 90.7 77.4 116.0

51 40.6 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 26.402 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.05 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

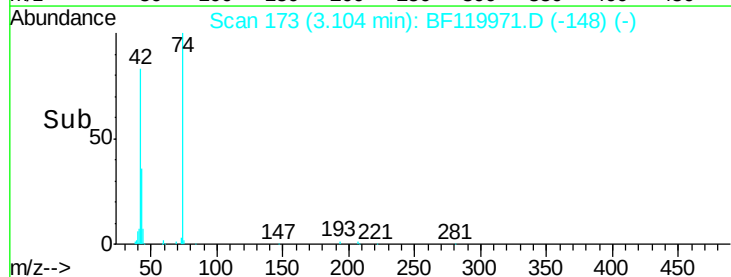
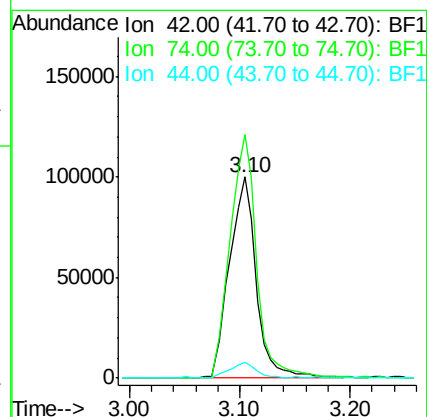
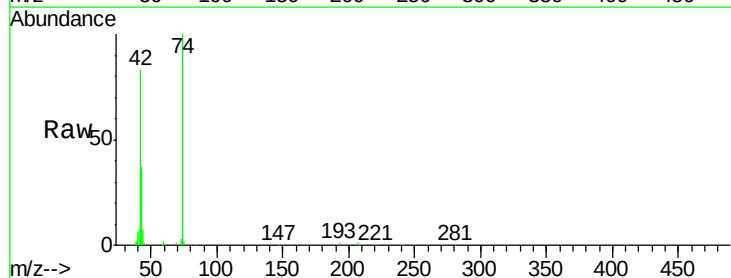
Tgt Ion: 42 Resp: 170599

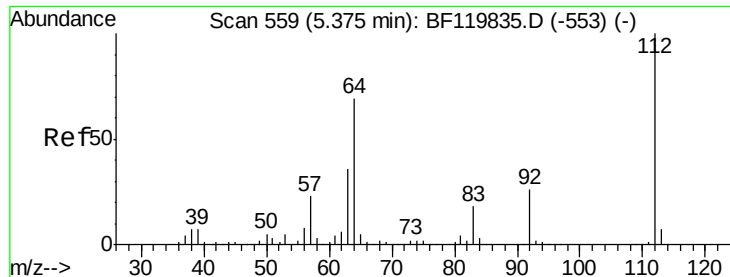
Ion Ratio Lower Upper

42 100

74 121.0 89.0 133.4

44 7.9 6.2 9.4





#5

2-Fluorophenol

Concen: 100.914 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

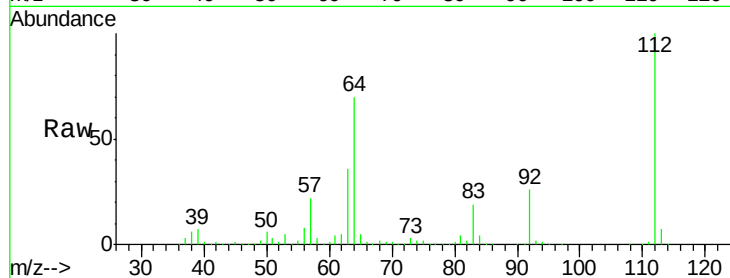
Tot Ion:112 Resp: 1044362

Ion Ratio Lower Upper

112 100

64 70.2 55.5 83.3

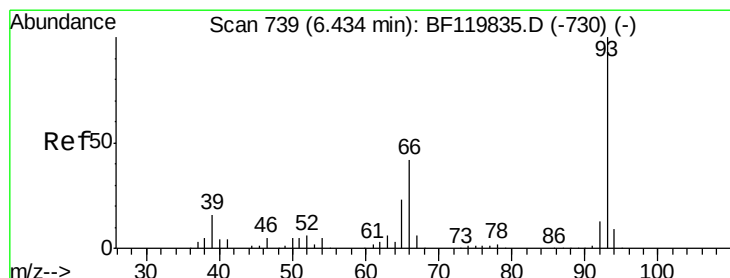
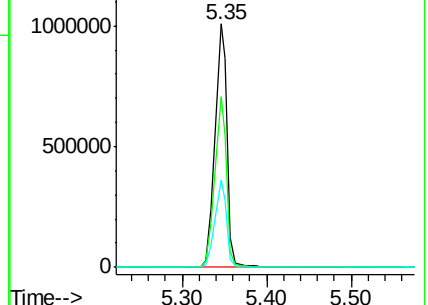
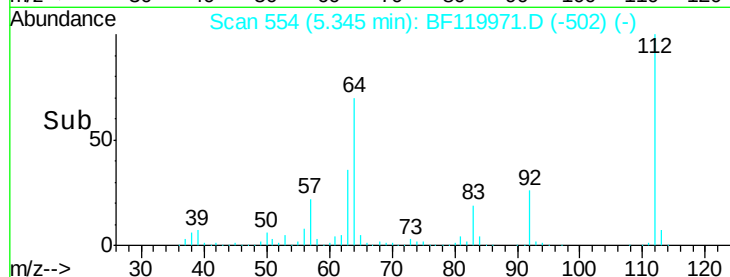
63 35.9 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.311 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

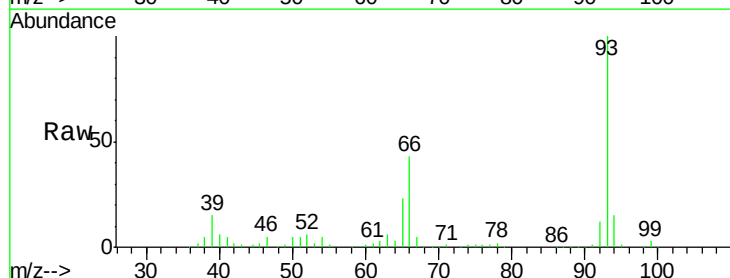
Tgt Ion: 93 Resp: 443019

Ion Ratio Lower Upper

93 100

66 43.5 34.2 51.2

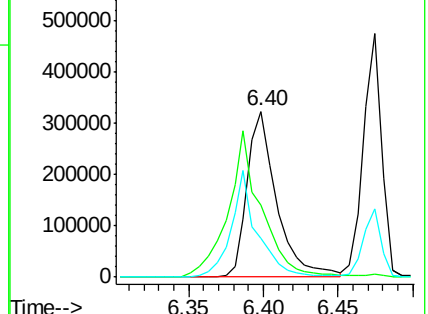
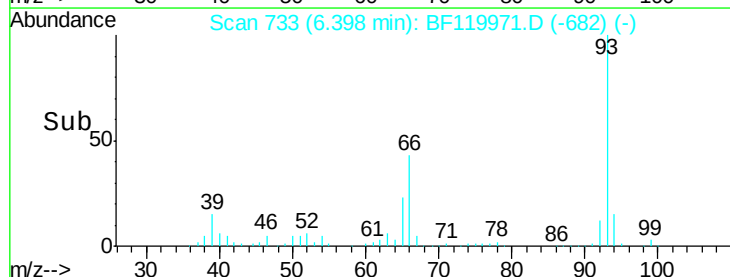
65 23.3 18.3 27.5

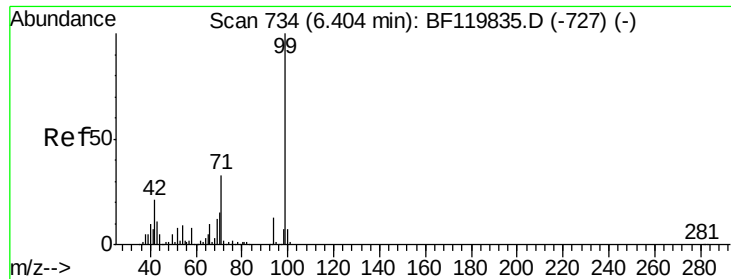


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.159 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

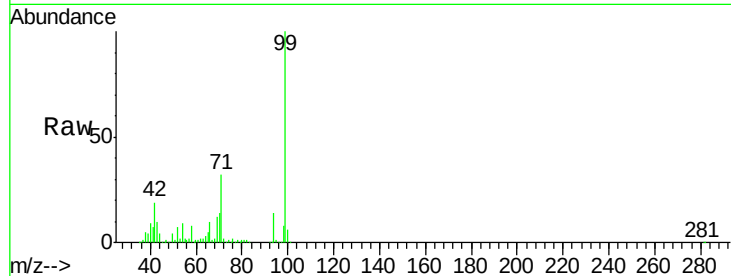
Tot Ion: 99 Resp: 1375650

Ion Ratio Lower Upper

99 100

42 19.1 16.9 25.3

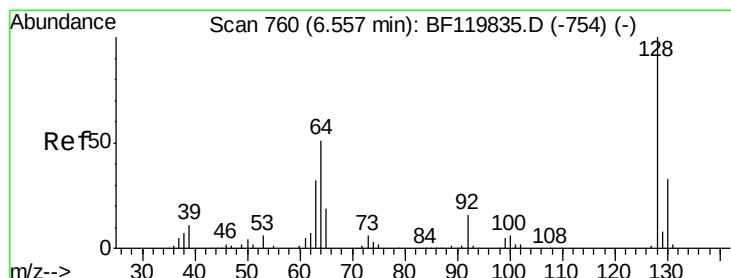
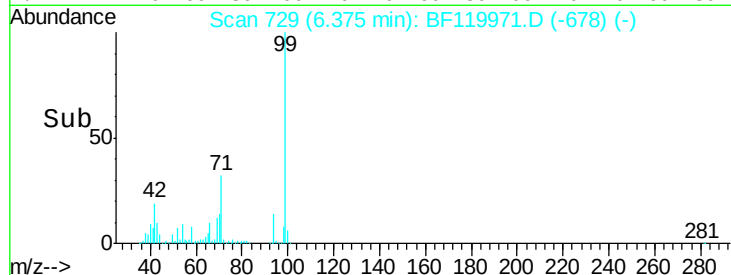
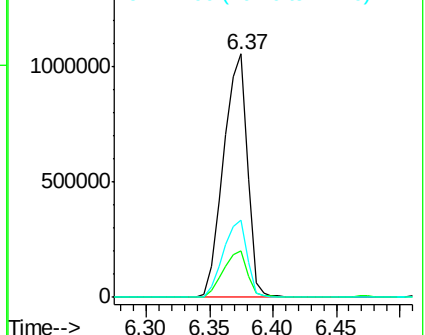
71 31.8 26.3 39.5



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: 38.828 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

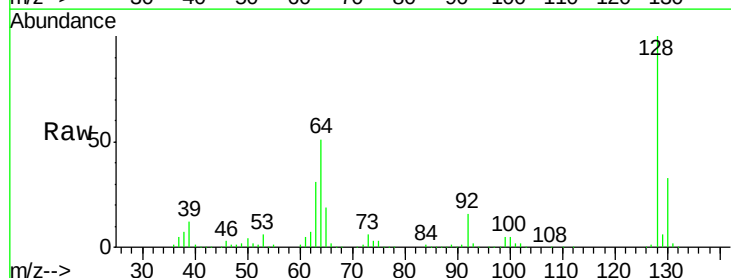
Tgt Ion: 128 Resp: 448985

Ion Ratio Lower Upper

128 100

130 33.2 12.6 52.6

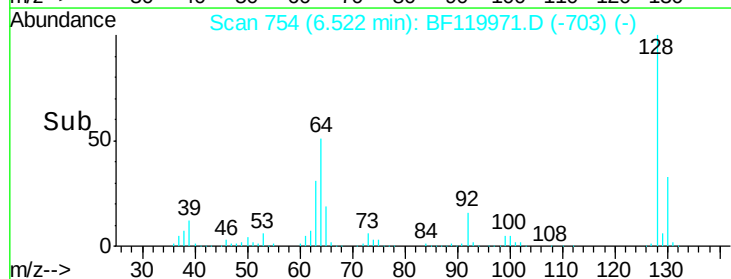
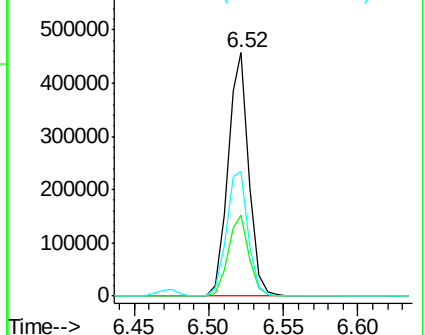
64 51.2 32.0 72.0

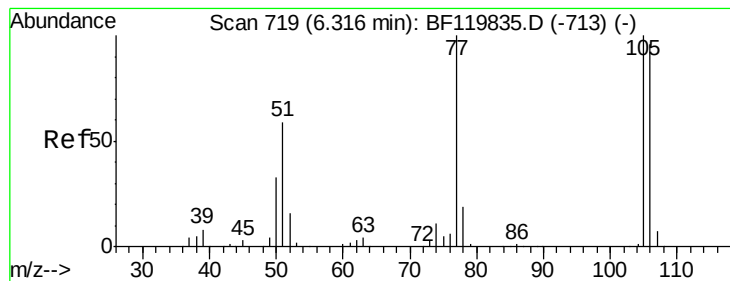


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.423 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

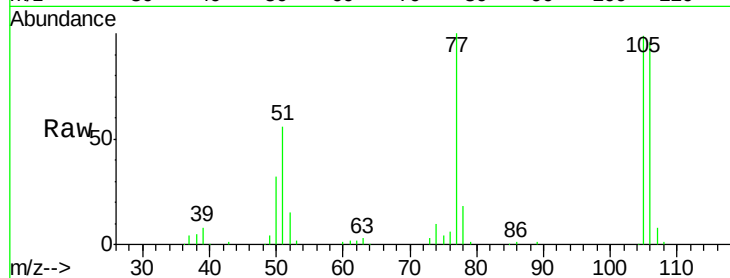
Tot Ion: 77 Resp: 108257

Ion Ratio Lower Upper

77 100

105 99.1 79.9 119.9

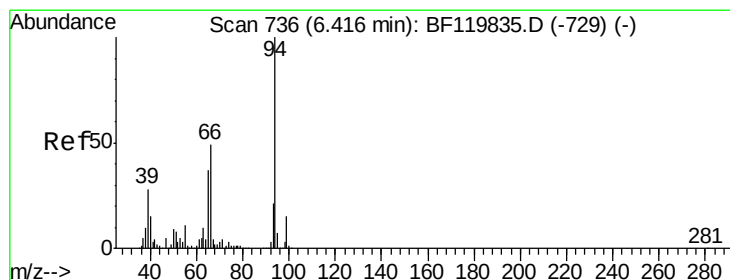
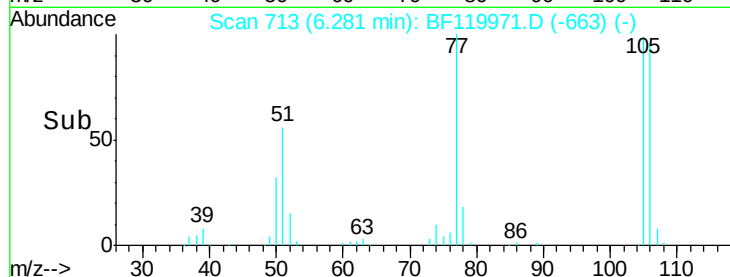
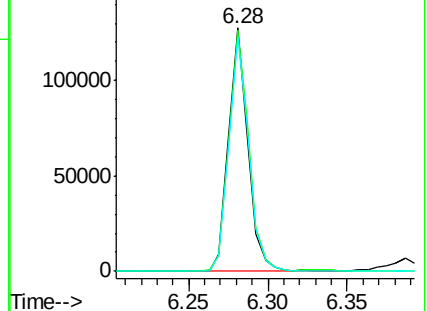
106 96.3 76.4 116.4



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: 35.402 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

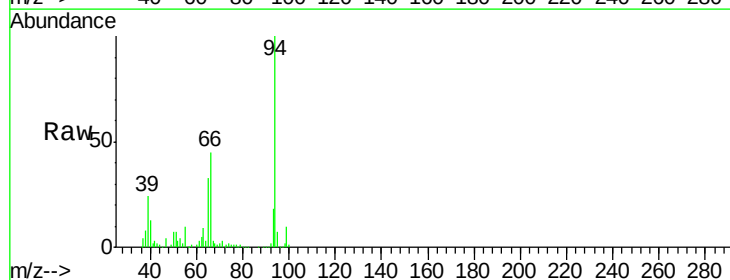
Tgt Ion: 94 Resp: 535583

Ion Ratio Lower Upper

94 100

65 33.0 16.6 56.6

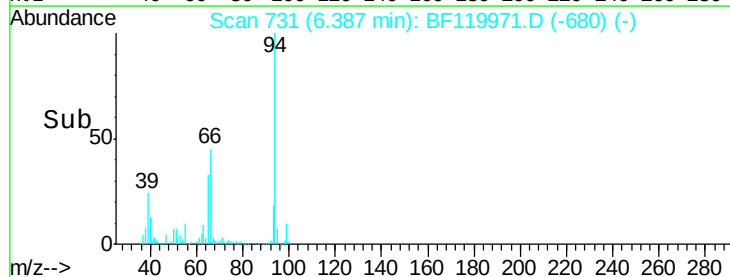
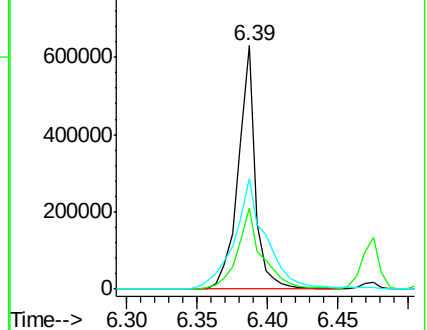
66 45.3 29.3 69.3

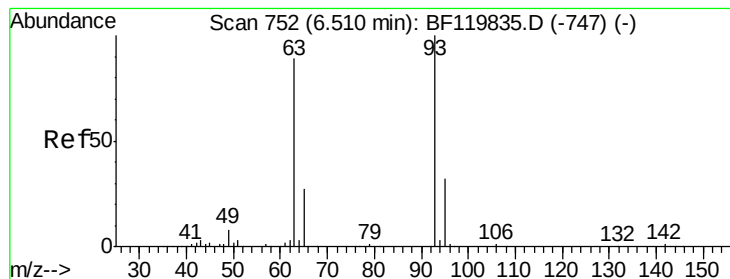


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.774 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

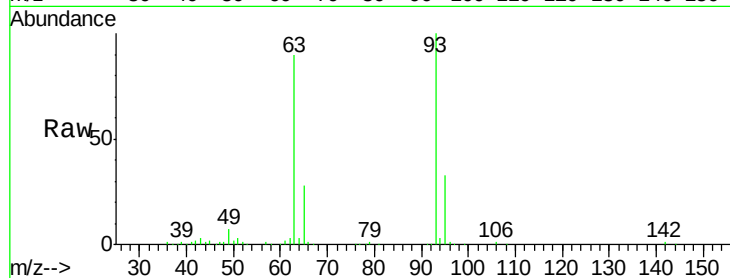
Tot Ion: 93 Resp: 406204

Ion Ratio Lower Upper

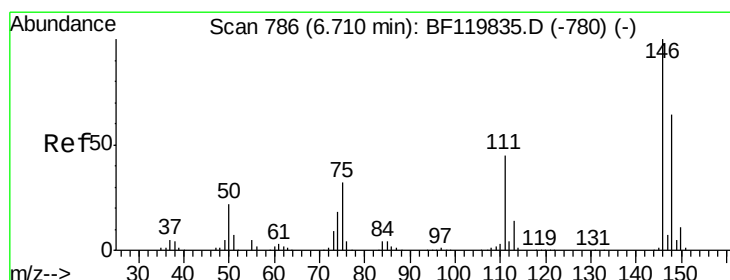
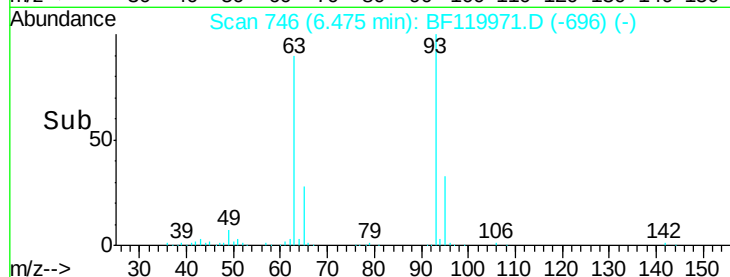
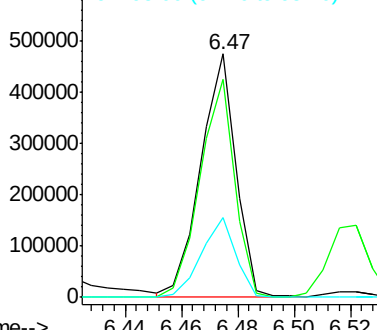
93 100

63 89.6 69.1 109.1

95 32.5 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: 30.247 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

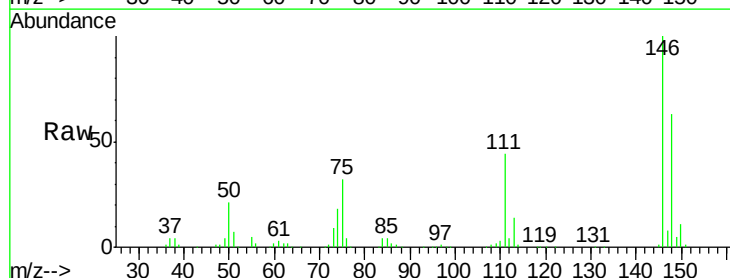
Tgt Ion: 146 Resp: 382907

Ion Ratio Lower Upper

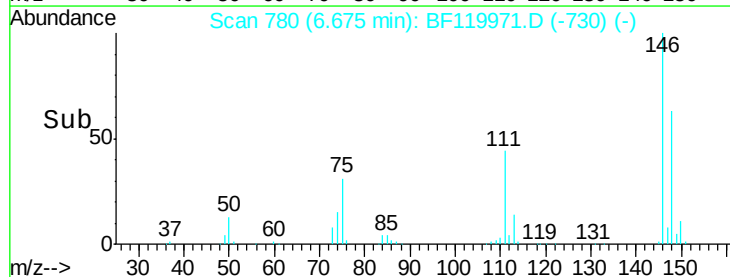
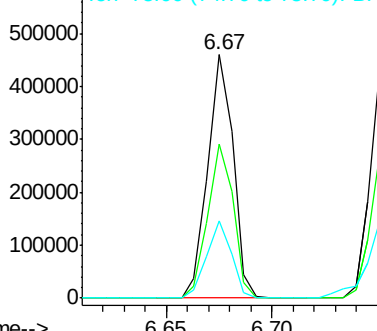
146 100

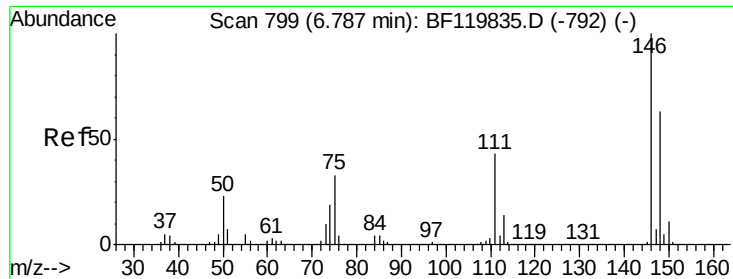
148 63.5 51.3 76.9

75 31.6 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

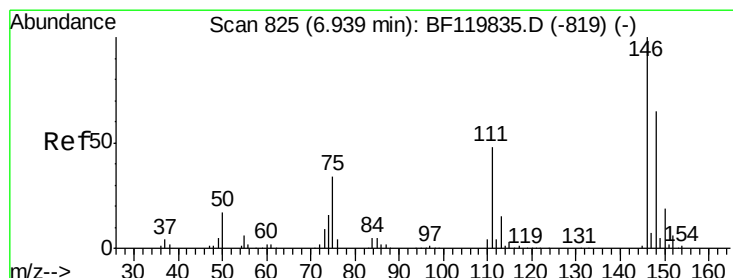
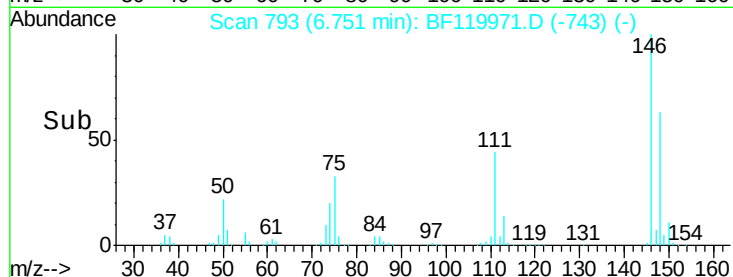
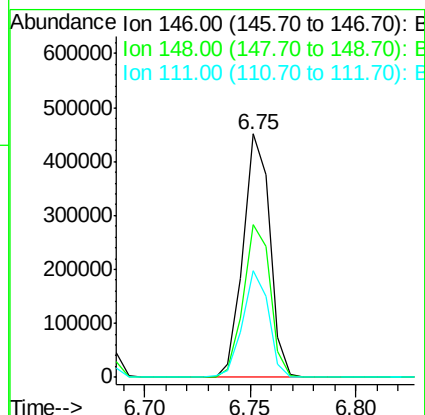
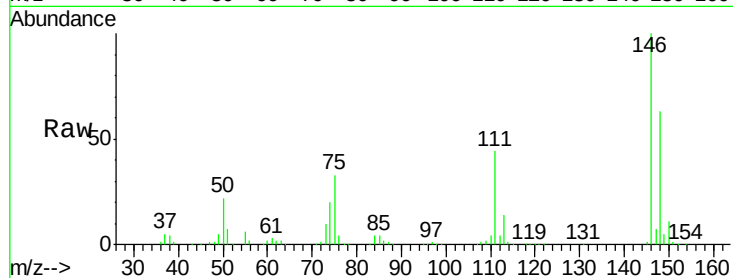




#13
 1,4-Dichlorobenzene
 Concen: 30.498 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

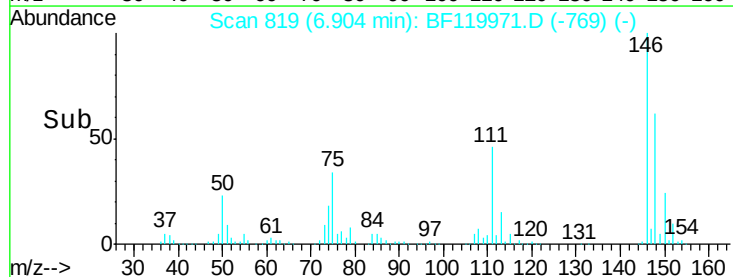
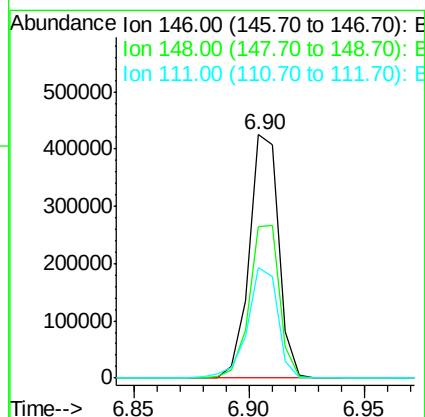
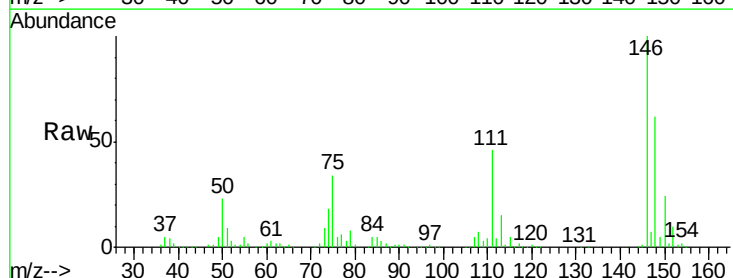
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

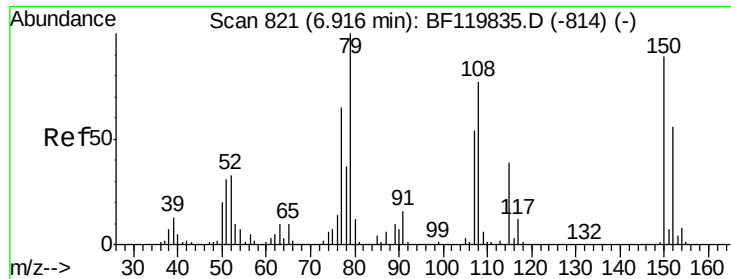
Tot Ion:146 Resp: 393296
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.5 75.7
 111 43.8 34.7 52.1



#14
 1,2-Dichlorobenzene
 Concen: 31.965 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion:146 Resp: 379884
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.8 77.8
 111 45.5 38.0 57.0

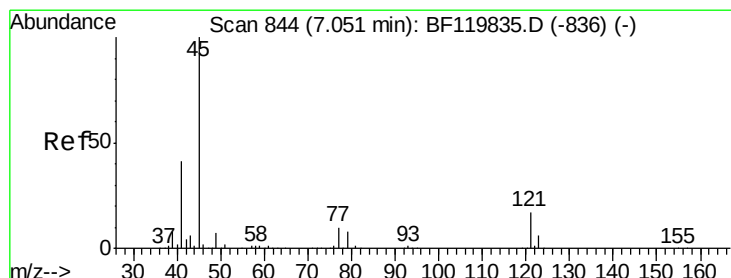
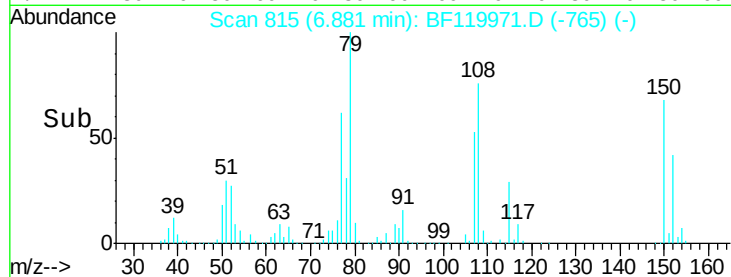
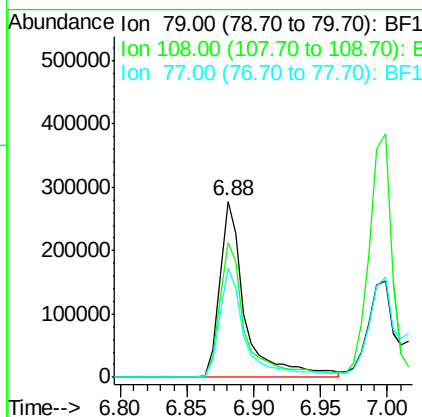
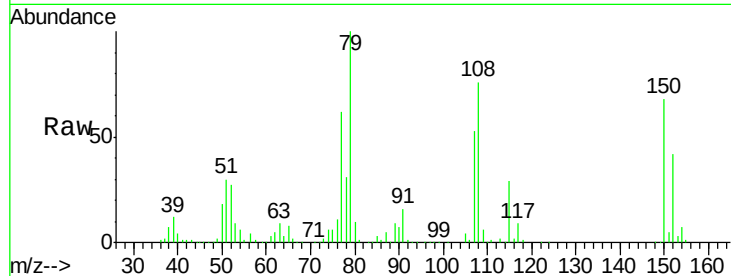




#15
Benzyl Alcohol
Concen: 36.105 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

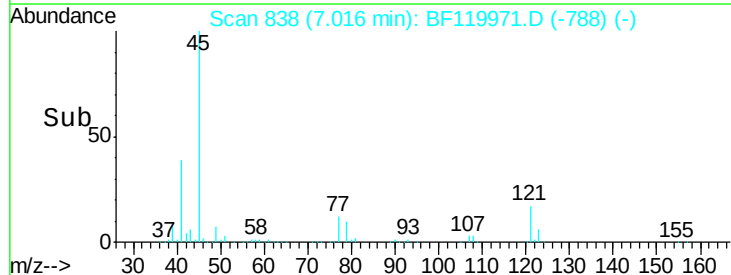
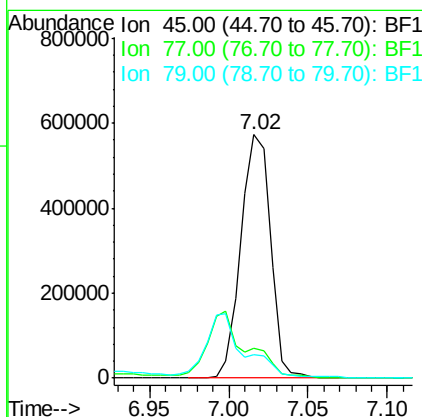
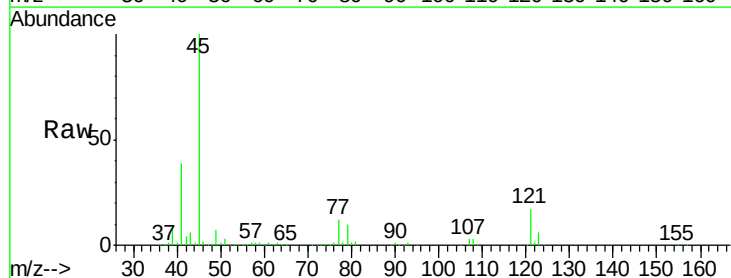
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

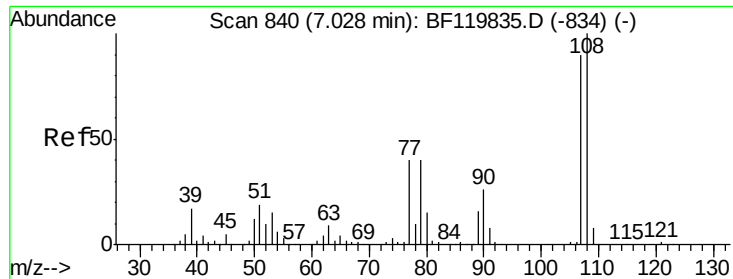
Tot Ion: 79 Resp: 373954
Ion Ratio Lower Upper
79 100
108 76.4 62.0 93.0
77 62.2 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.668 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion: 45 Resp: 742566
Ion Ratio Lower Upper
45 100
77 12.2 0.0 30.7
79 9.8 0.0 28.6

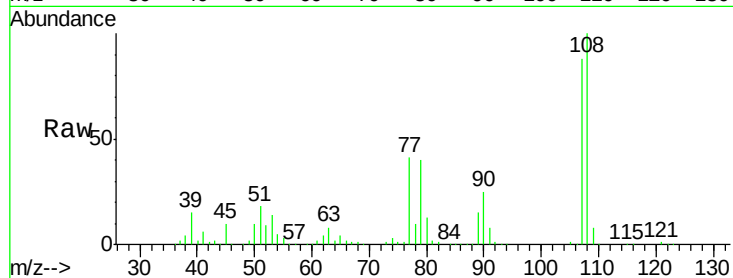




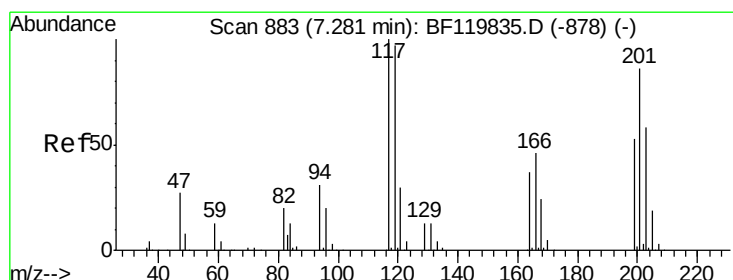
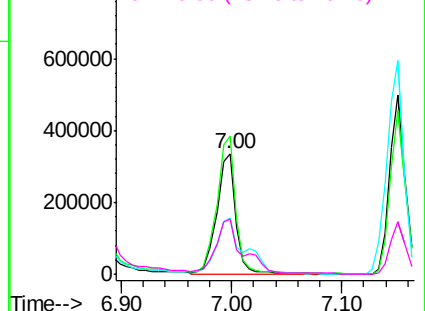
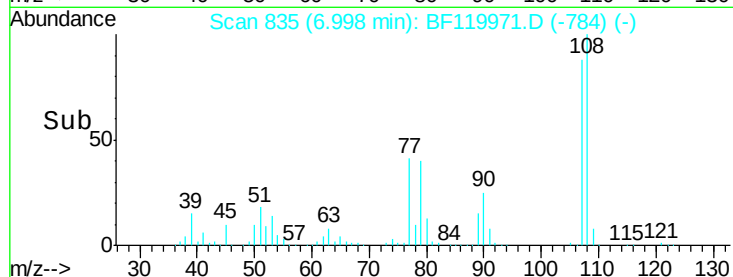
#17
2-Methylphenol
Concen: 39.187 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tot Ion:	107	Resp:	404385
Ion	Ratio	Lower	Upper
107	100		
108	114.3	88.8	133.2
77	46.8	36.0	54.0
79	45.2	35.7	53.5

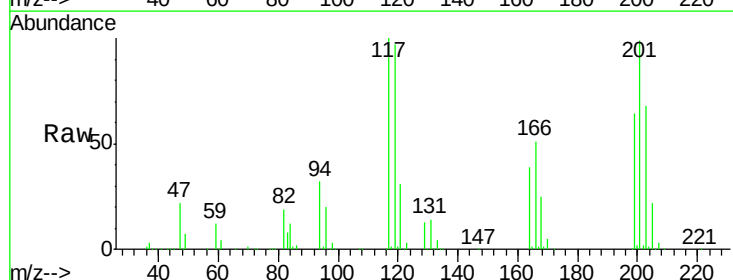


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

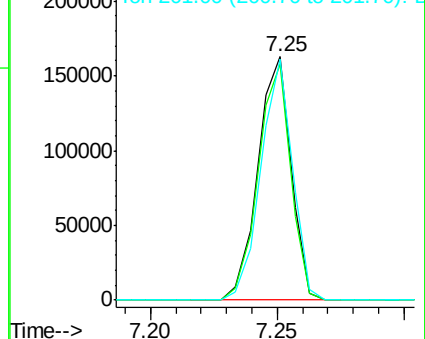
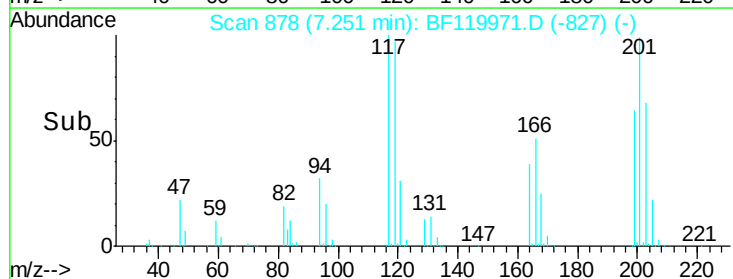


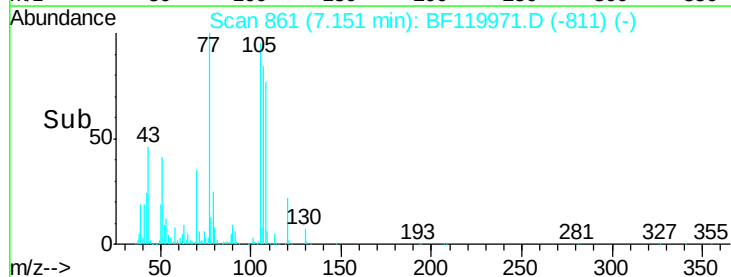
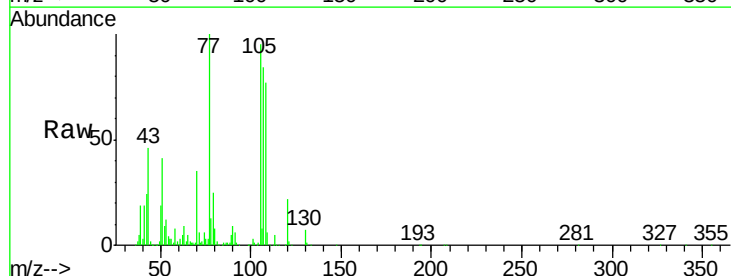
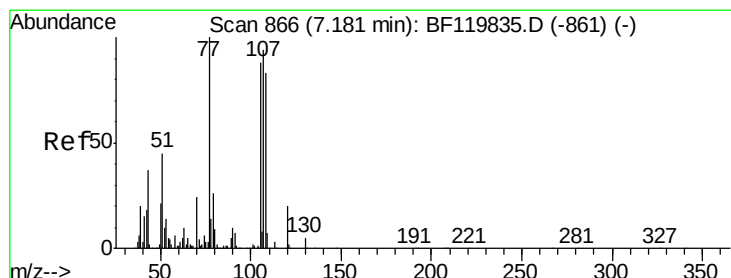
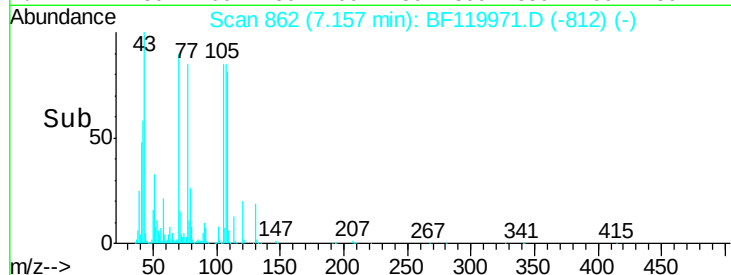
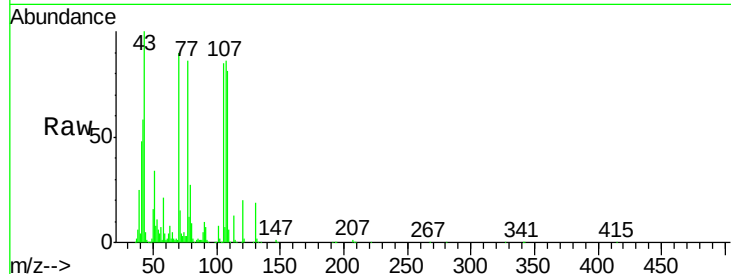
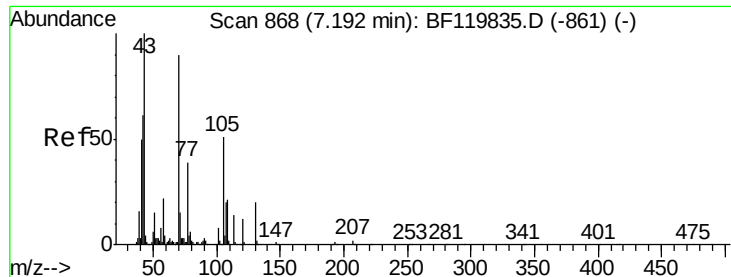
#18
Hexachloroethane
Concen: 30.930 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion:	117	Resp:	149066
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.0
201	99.1	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

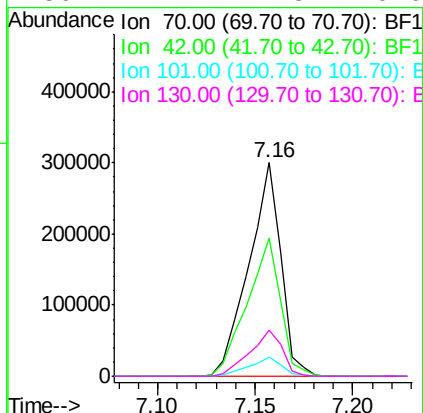




#19
n-Nitroso-di-n-propylamine
Concen: 39.842 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

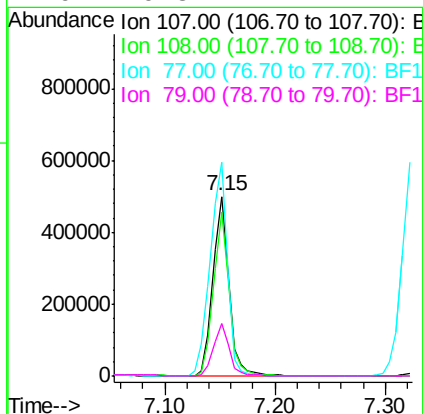
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

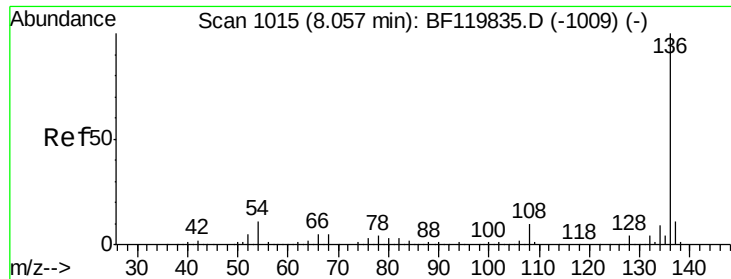
Tot Ion:	70	Resp:	341651
Ion	Ratio	Lower	Upper
70	100		
42	64.6	54.2	81.4
101	8.7	7.4	11.2
130	21.4	17.8	26.6



#20
3+4-Methylphenols
Concen: 39.328 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion:	107	Resp:	496353
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.2	108.2
77	118.8	86.6	126.6
79	29.3	7.7	47.7

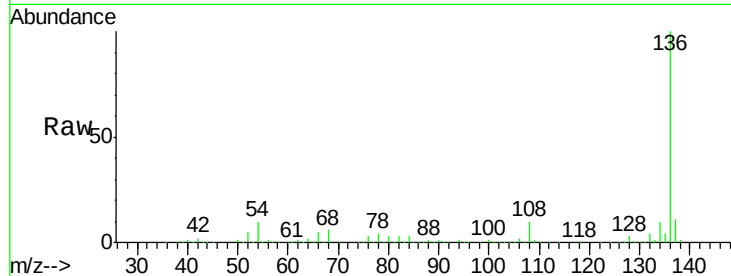




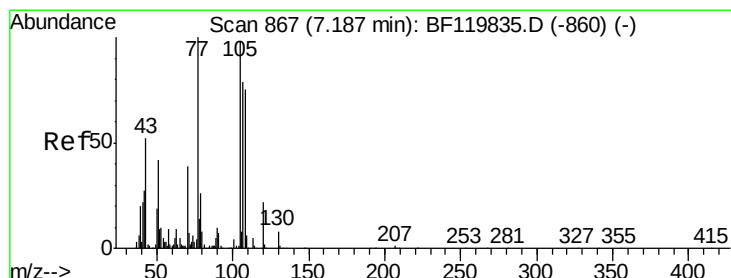
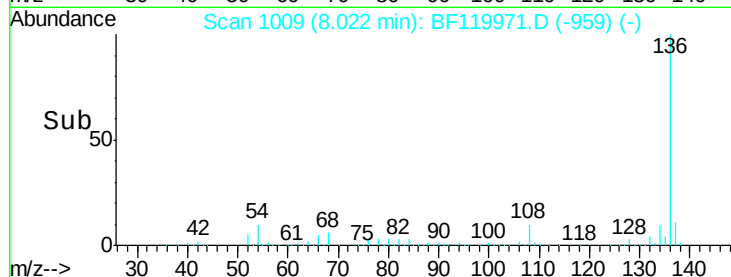
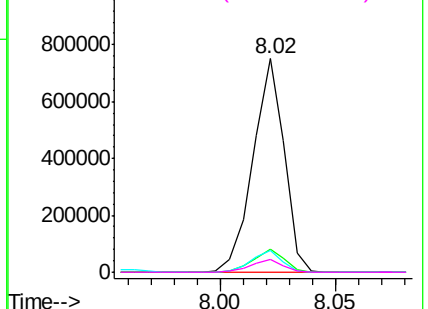
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tot Ion:136	Resp:	705098
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	10.2	8.5 12.7
68	5.7	3.9 5.9

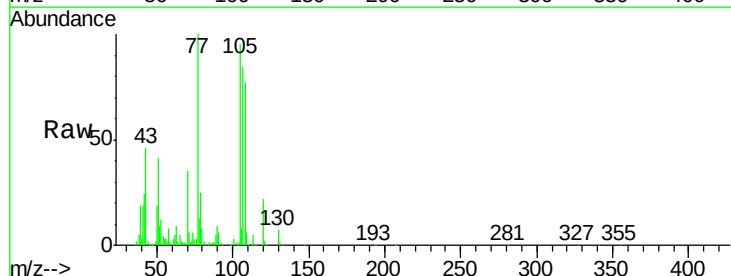


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

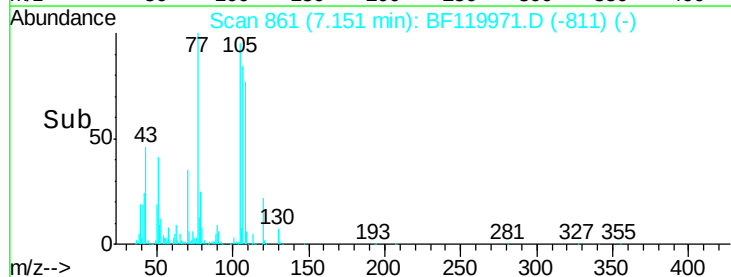
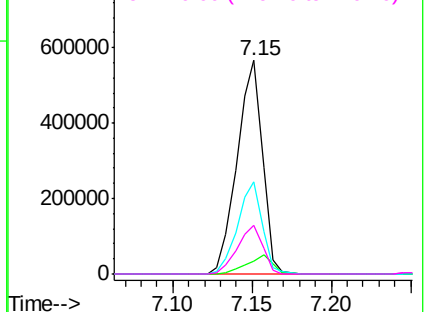


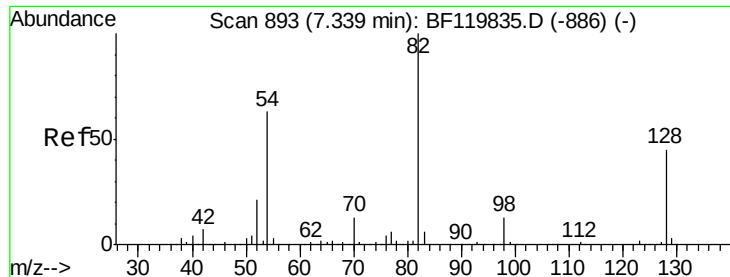
#22
Acetophenone
Concen: 37.747 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion:105	Resp:	623241
Ion Ratio	Lower	Upper
105	100	
71	6.3	5.6 8.4
51	43.4	33.9 50.9
120	23.0	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

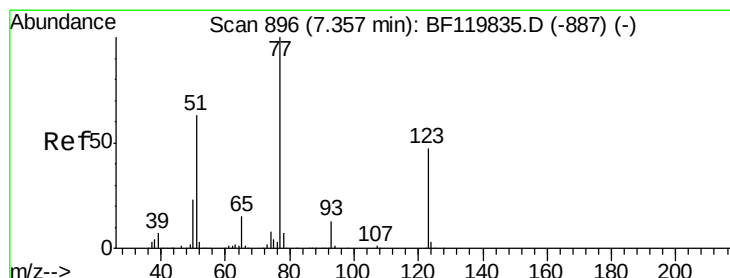
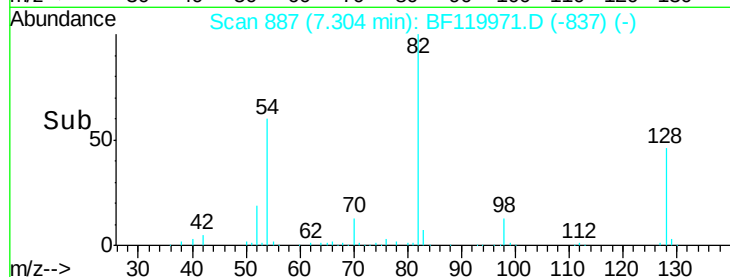
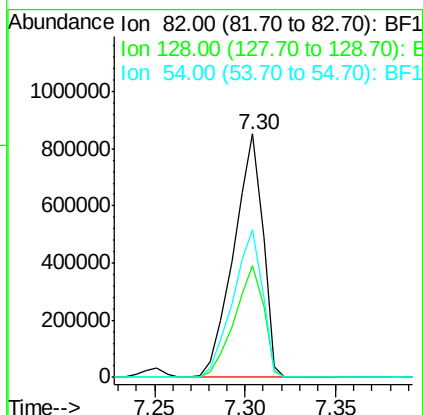
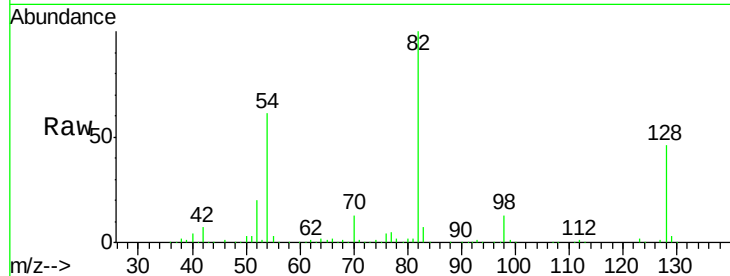




#23
 Nitrobenzene-d5
 Concen: 69.715 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

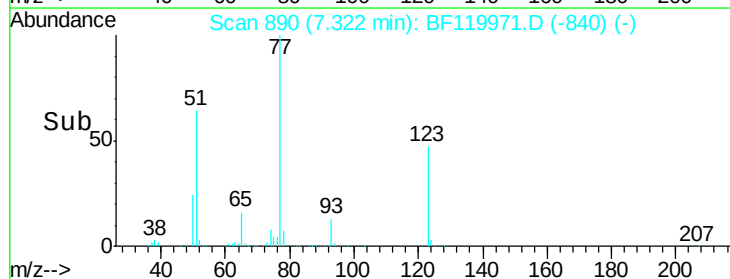
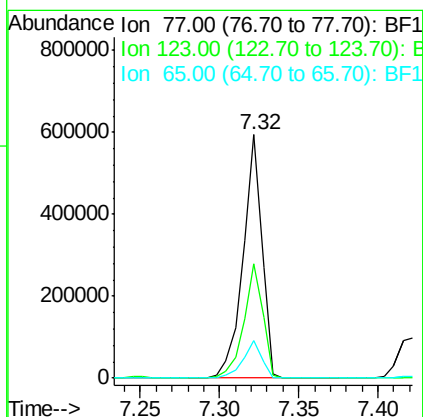
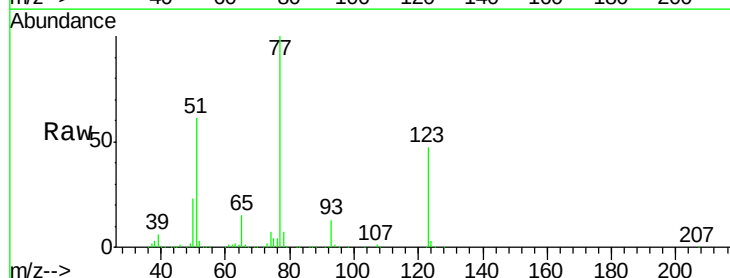
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

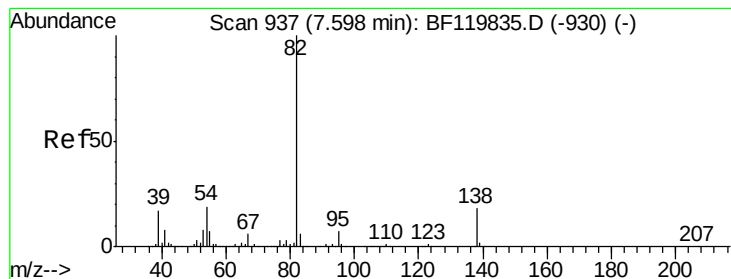
Tot Ion: 82 Resp: 950174
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.2 54.4
 54 60.5 50.4 75.6



#24
 Nitrobenzene
 Concen: 35.723 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion: 77 Resp: 489785
 Ion Ratio Lower Upper
 77 100
 123 46.7 37.8 56.8
 65 15.2 12.2 18.2





#25

Isophorone

Concen: 38.587 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampled :

VNJ-223MSD

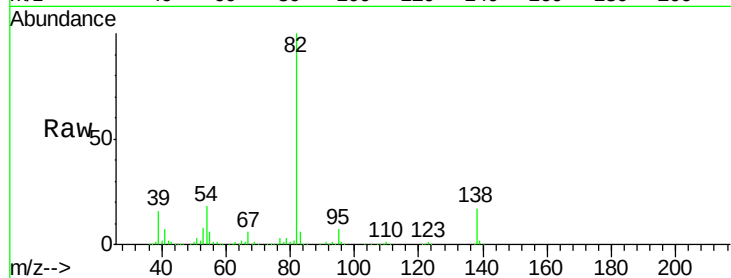
Tot Ion: 82 Resp: 1013802

Ion Ratio Lower Upper

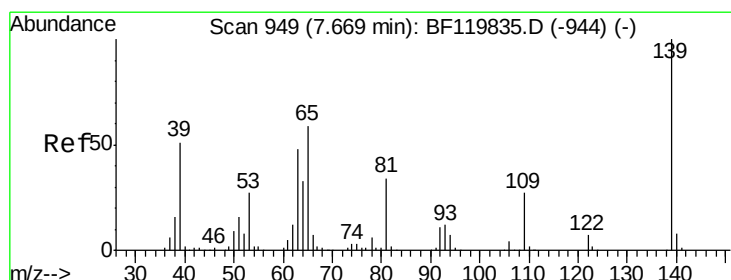
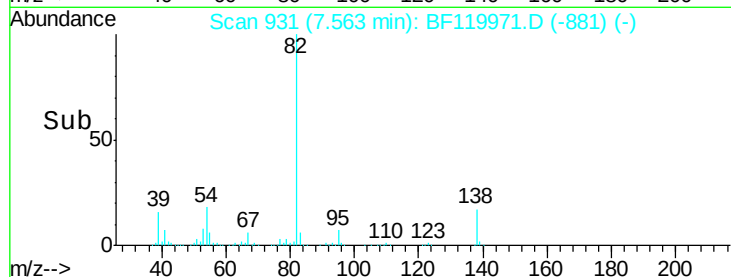
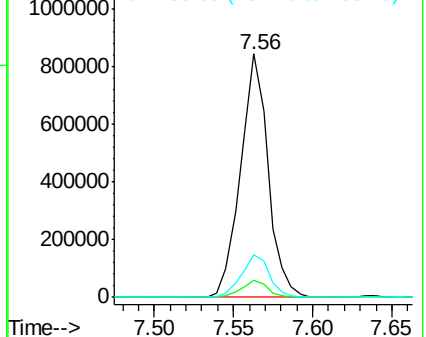
82 100

95 6.8 5.8 8.6

138 17.5 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: 37.609 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

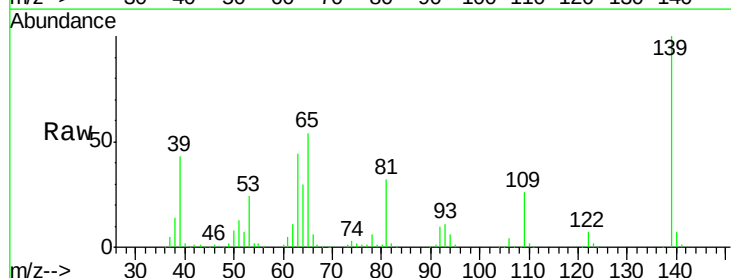
Tgt Ion: 139 Resp: 257616

Ion Ratio Lower Upper

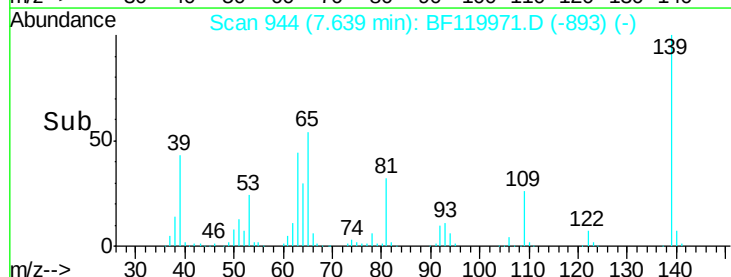
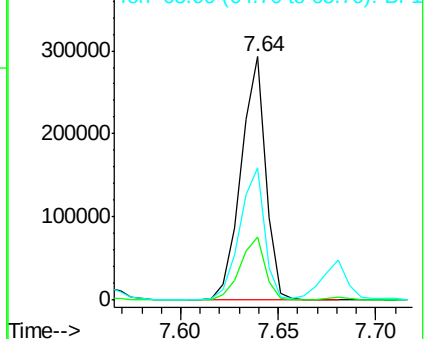
139 100

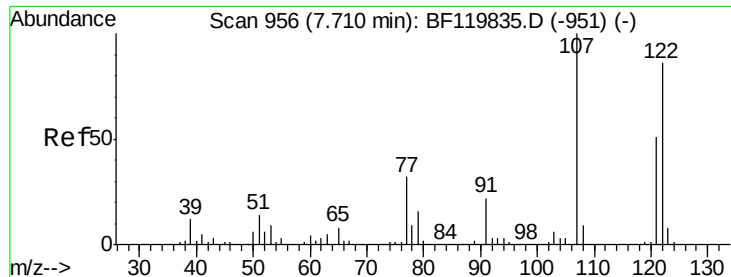
109 26.0 21.8 32.6

65 54.2 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

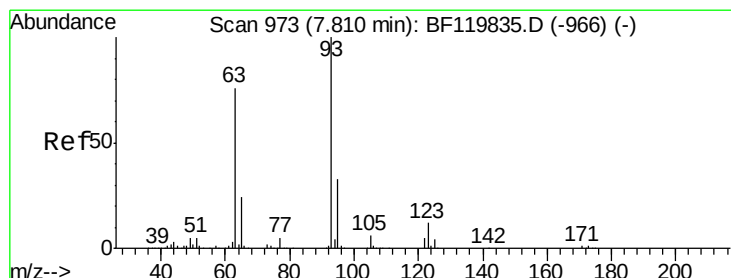
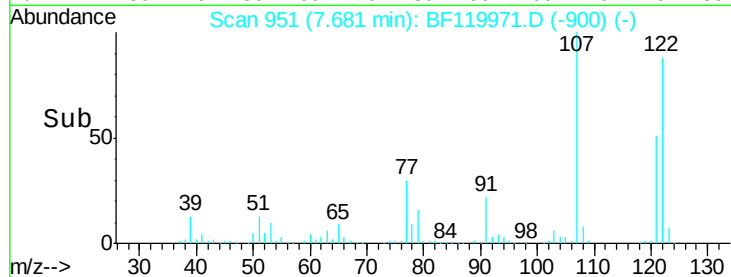
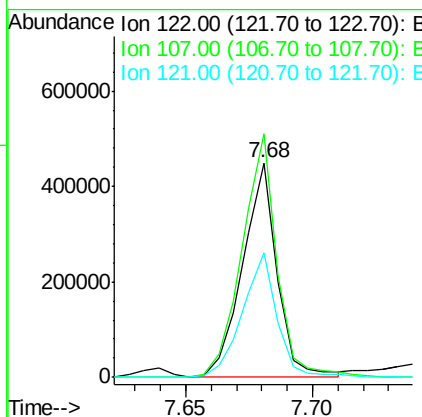
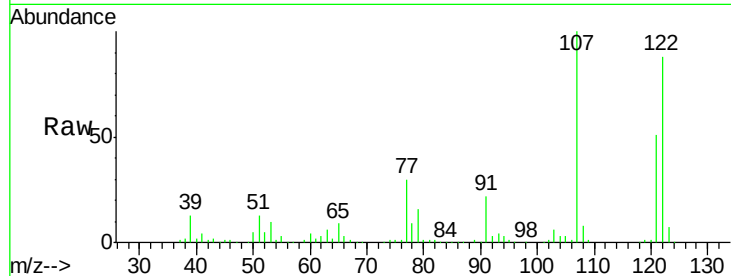




#27
 2,4-Dimethylphenol
 Concen: 41.389 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

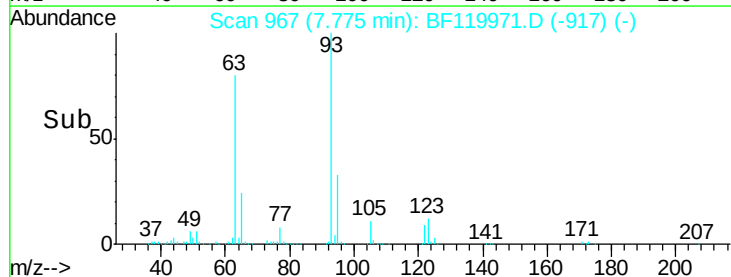
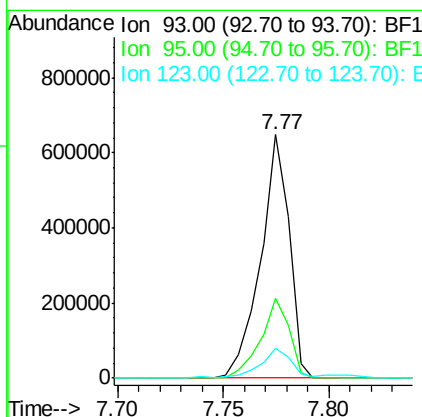
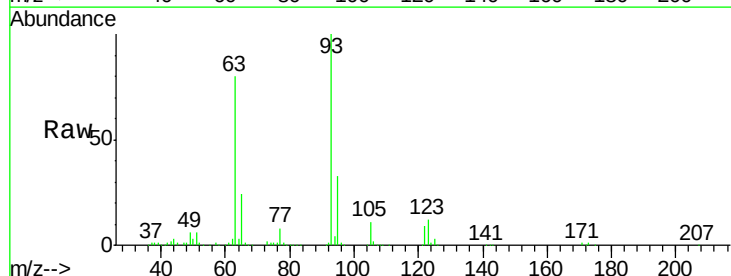
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

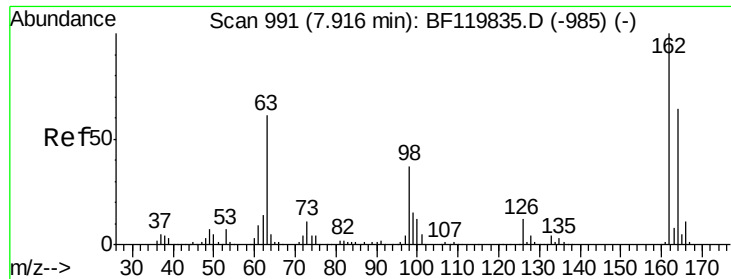
Tot Ion:122 Resp: 427581
 Ion Ratio Lower Upper
 122 100
 107 113.6 92.3 138.5
 121 58.3 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.501 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion: 93 Resp: 610698
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.4 39.6
 123 12.0 9.7 14.5

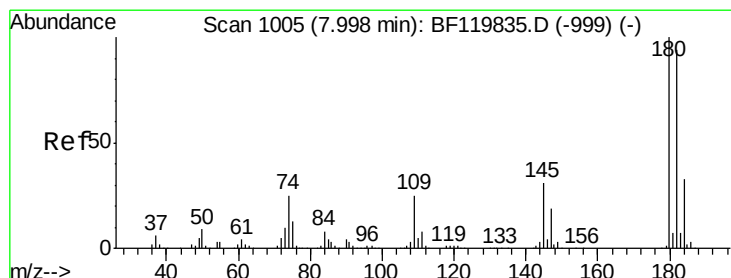
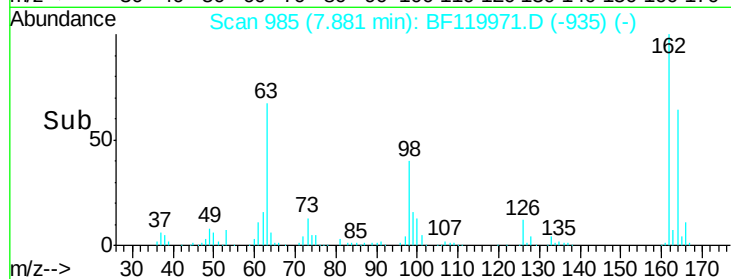
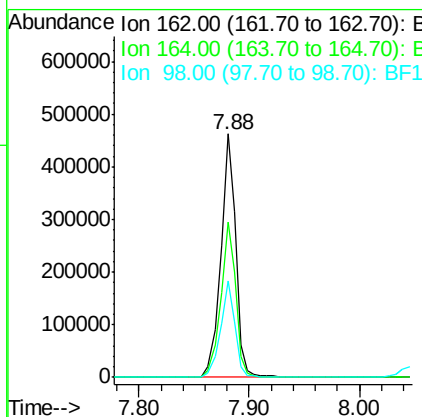
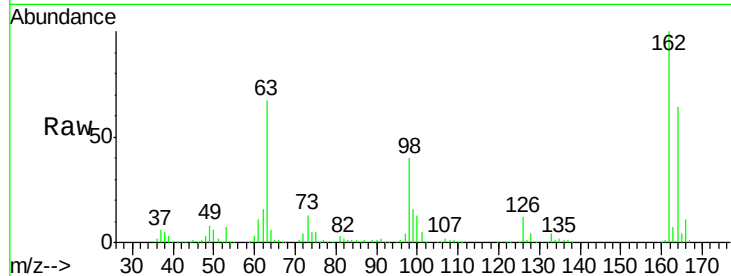




#29
 2,4-Dichlorophenol
 Concen: 41.154 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

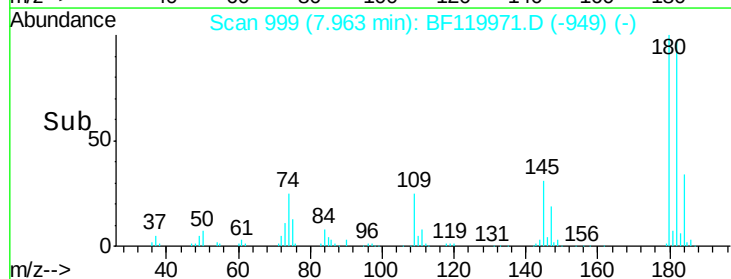
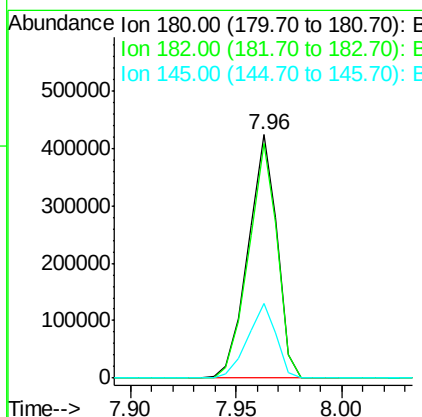
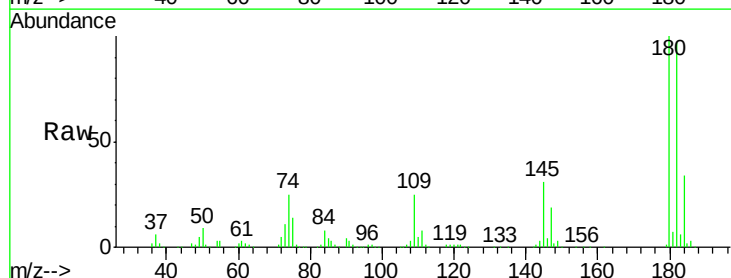
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

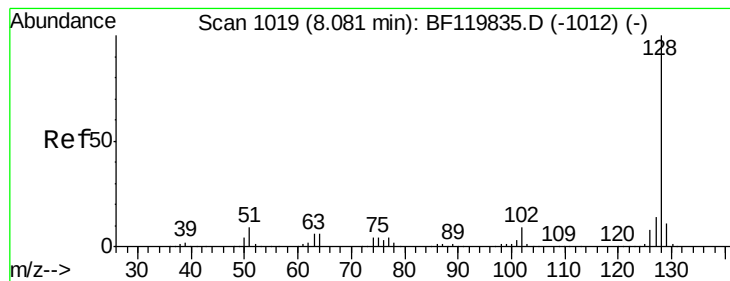
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.4	84.4
98	39.7	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 33.493 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.4	113.0
145	30.9	24.6	37.0





#31

Naphthalene

Concen: 36.436 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

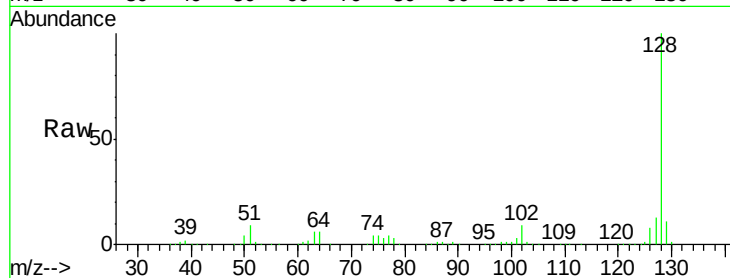
Tot Ion:128 Resp: 1351657

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

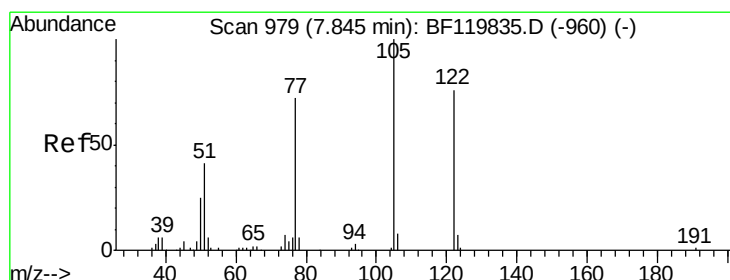
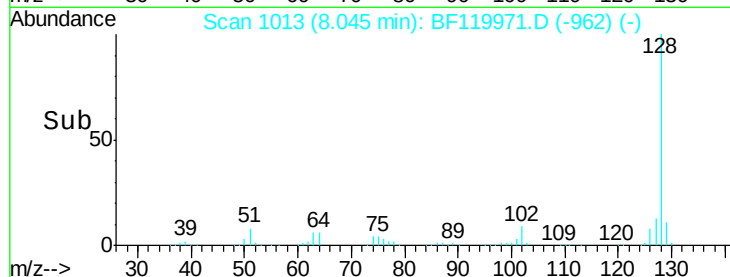
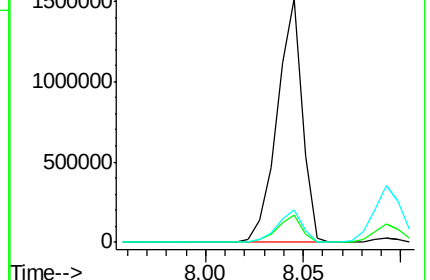
127 13.3 11.0 16.4



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: 37.388 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

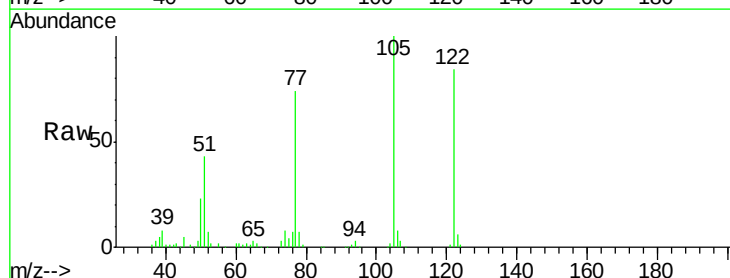
Tgt Ion:122 Resp: 339225

Ion Ratio Lower Upper

122 100

105 118.6 106.7 146.7

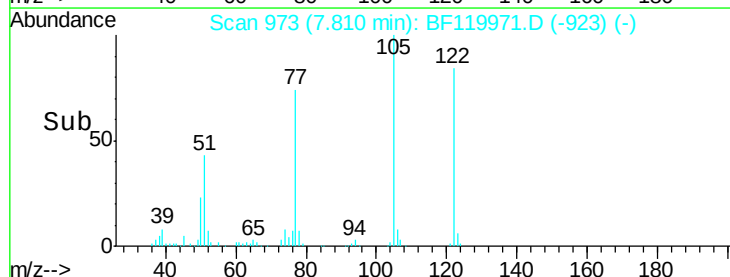
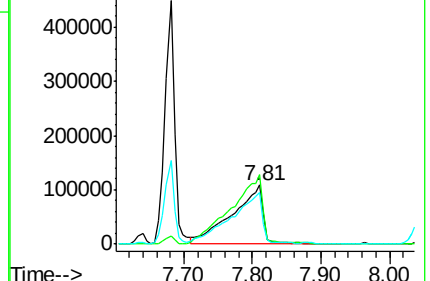
77 88.2 72.1 112.1

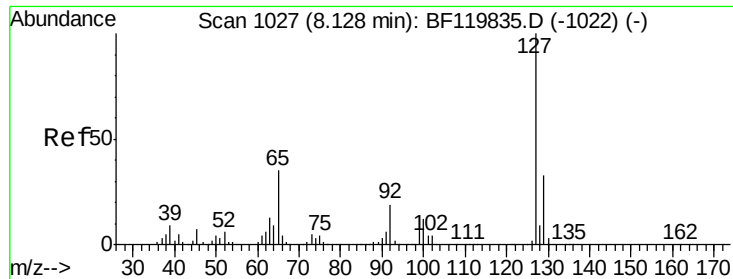


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

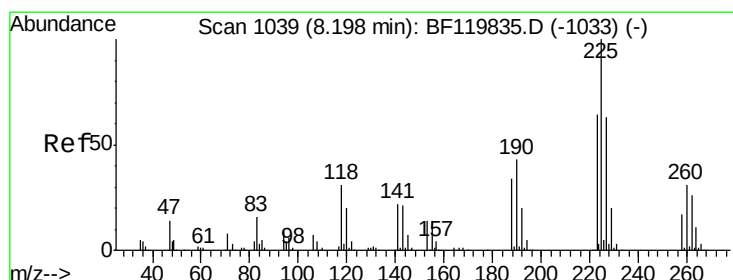
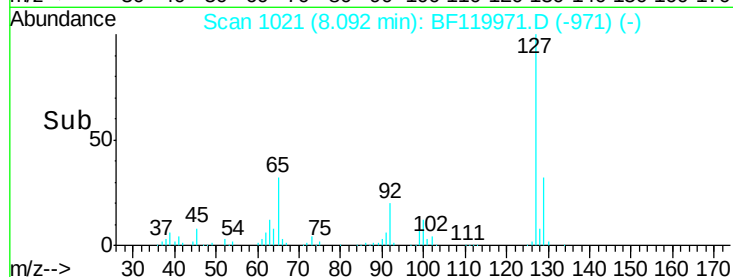
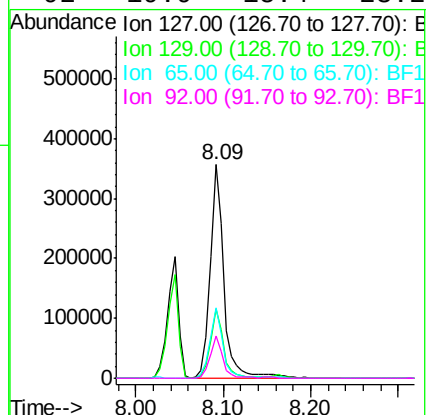
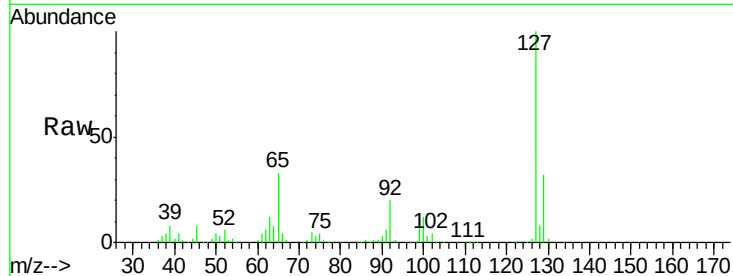




#33
4-Chloroaniline
Concen: 24.009 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

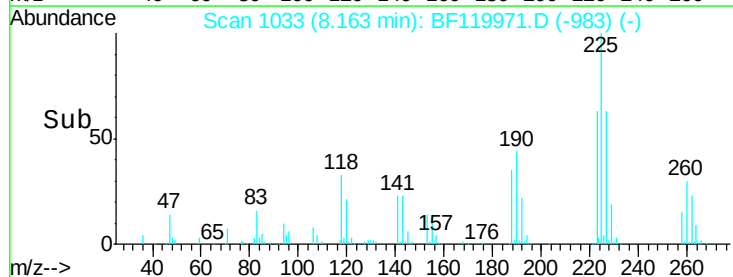
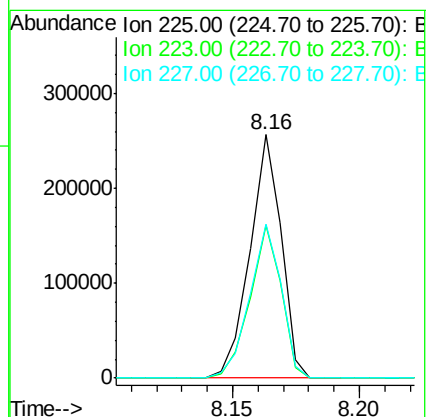
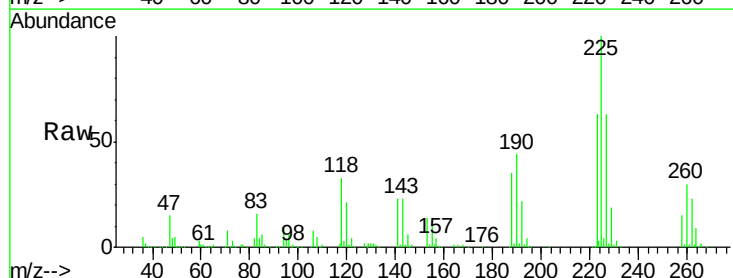
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

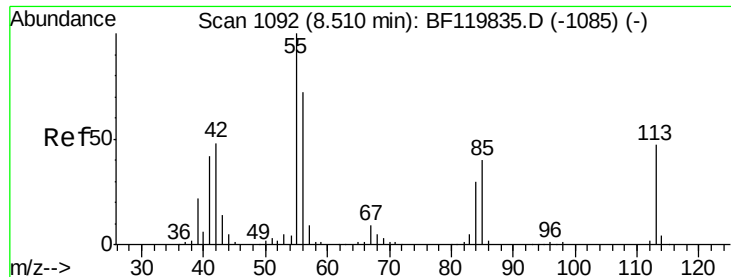
Tot Ion:127	Resp:	387750
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.2 39.2
65	32.9	28.3 42.5
92	19.9	15.4 23.2



#34
Hexachlorobutadiene
Concen: 30.758 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion:225	Resp:	220919
Ion Ratio	Lower	Upper
225	100	
223	62.8	51.0 76.6
227	63.0	50.4 75.6

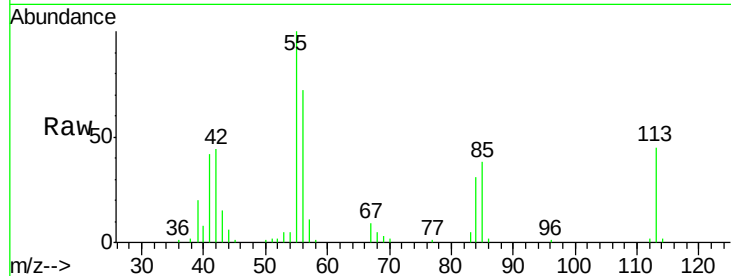




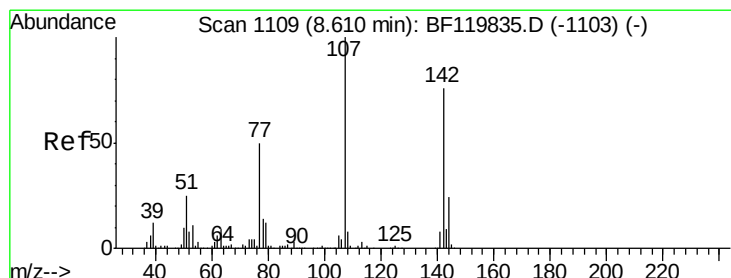
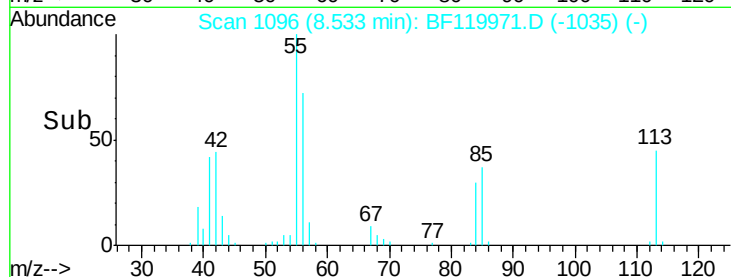
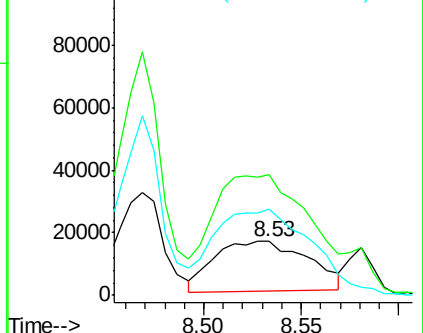
#35
 Caprolactam
 Concen: 16.237 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.06 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

Tot Ion:113 Resp: 52594
 Ion Ratio Lower Upper
 113 100
 55 224.1 192.7 232.7
 56 161.0 133.3 173.3

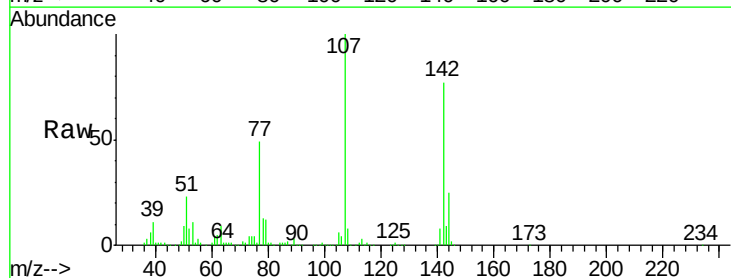


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

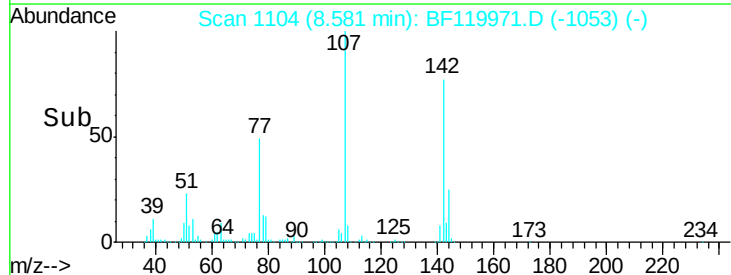
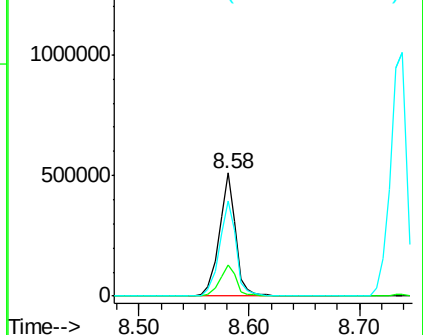


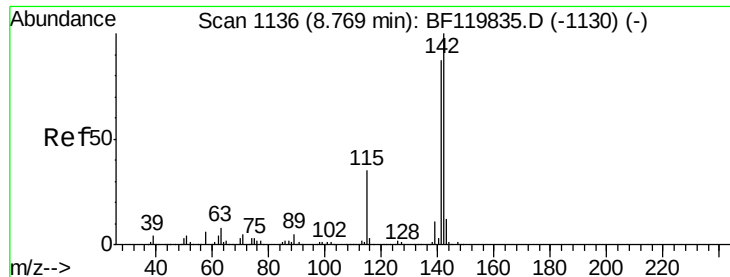
#36
 4-Chloro-3-methylphenol
 Concen: 45.564 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion:107 Resp: 522375
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.5 29.3
 142 77.2 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

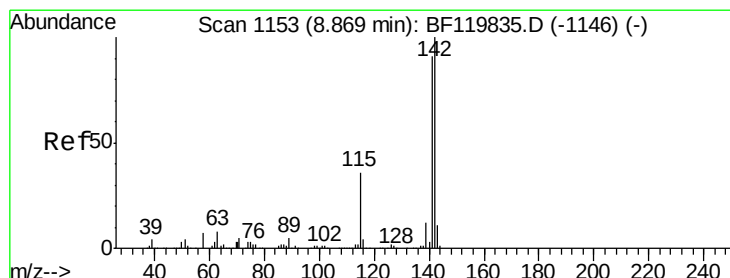
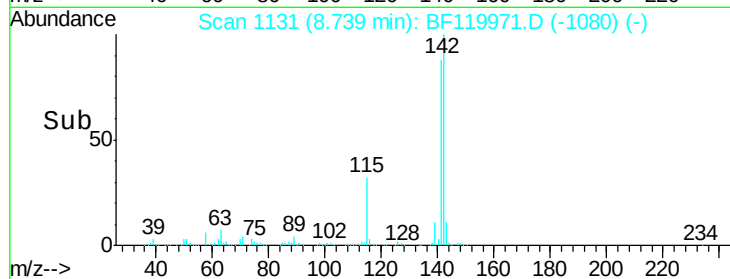
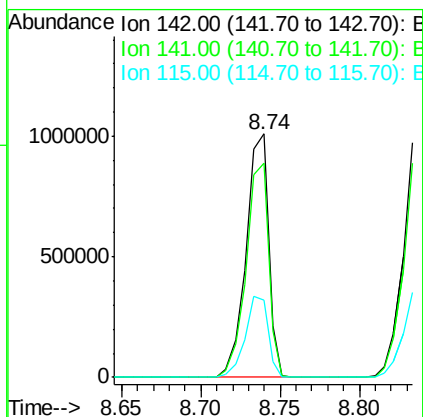
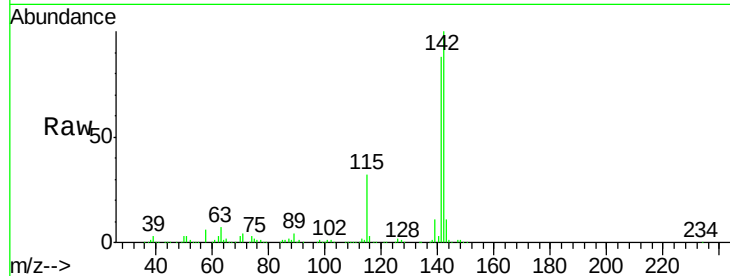




#37
2-Methylnaphthalene
Concen: 39.527 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

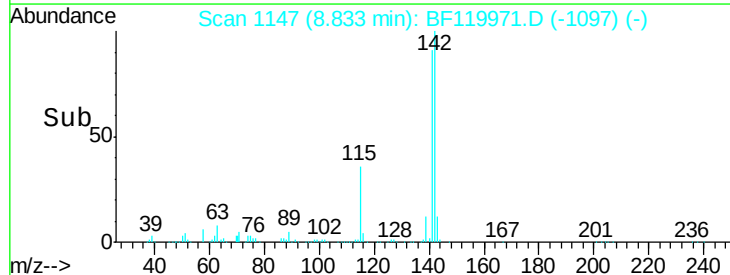
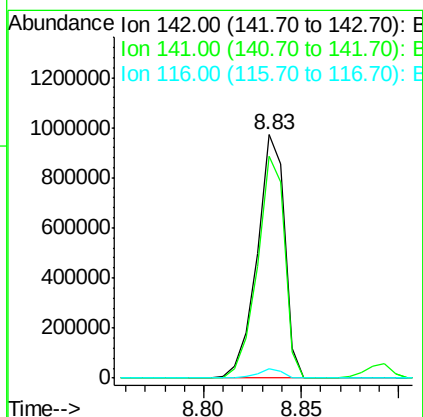
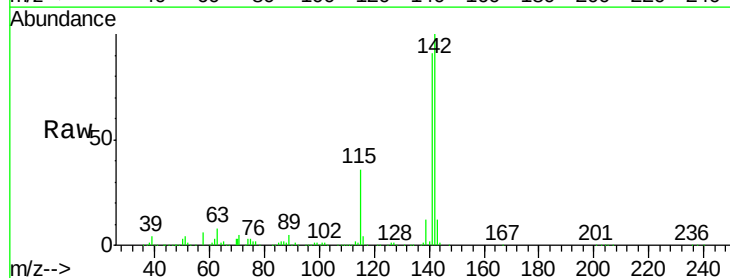
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

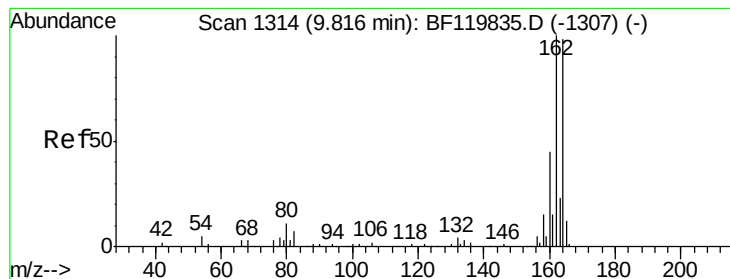
Tot Ion:142 Resp: 994141
Ion Ratio Lower Upper
142 100
141 88.1 69.9 104.9
115 32.0 28.0 42.0



#38
1-Methylnaphthalene
Concen: 39.880 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion:142 Resp: 945391
Ion Ratio Lower Upper
142 100
141 91.2 72.9 109.3
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

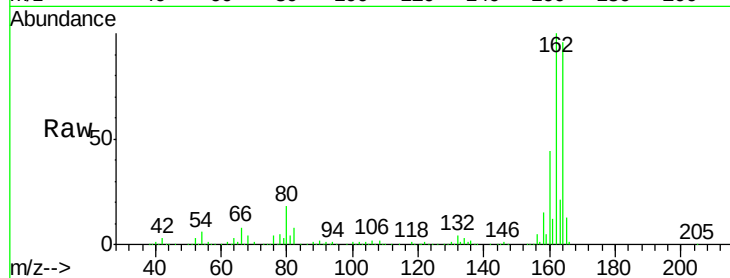
Tot Ion:164 Resp: 366182

Ion Ratio Lower Upper

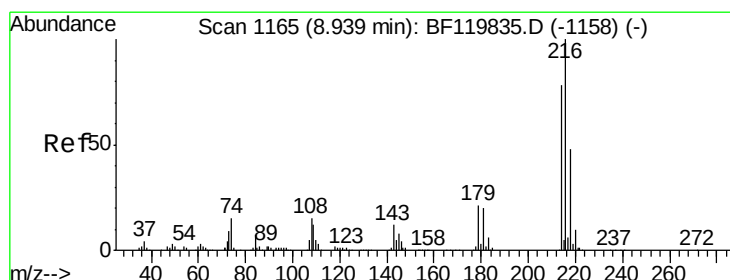
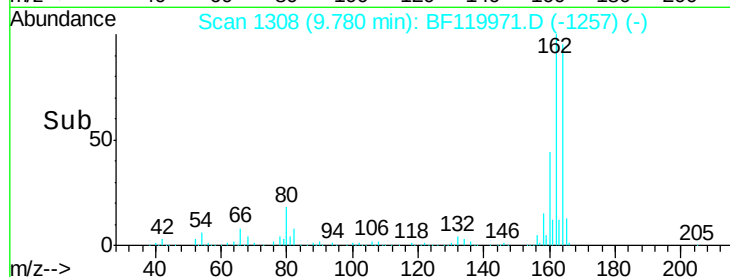
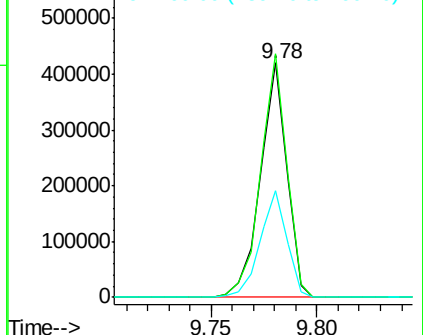
164 100

162 103.8 81.9 122.9

160 45.6 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: 37.694 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Tgt Ion:216 Resp: 435954

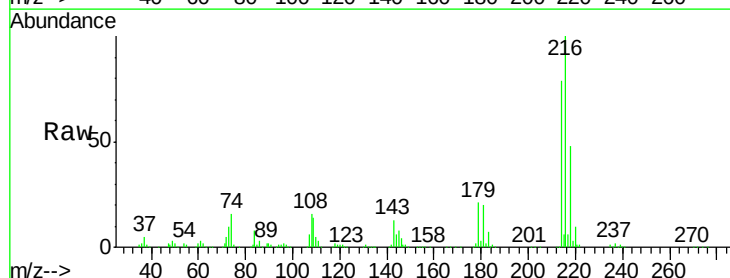
Ion Ratio Lower Upper

216 100

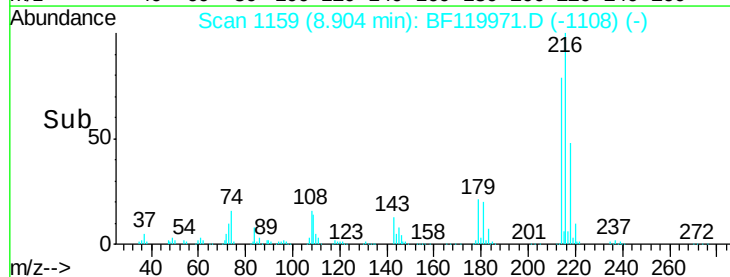
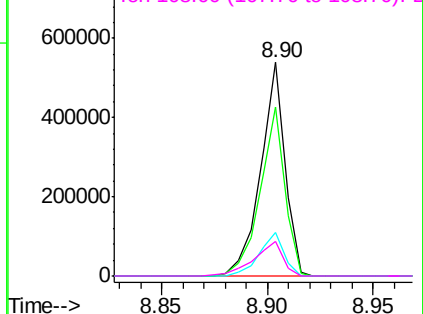
214 79.9 63.1 94.7

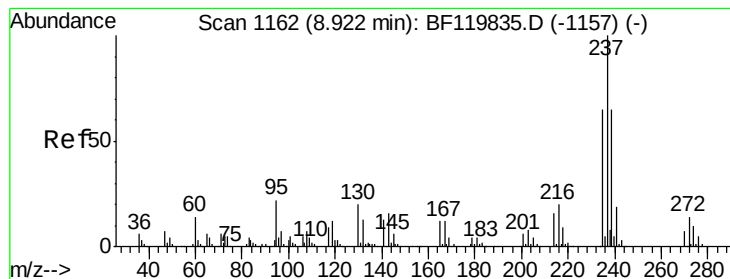
179 20.9 17.0 25.4

108 19.4 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: 60.604 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

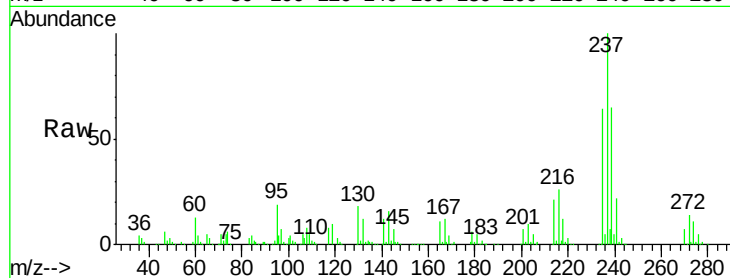
Tot Ion:237 Resp: 398572

Ion Ratio Lower Upper

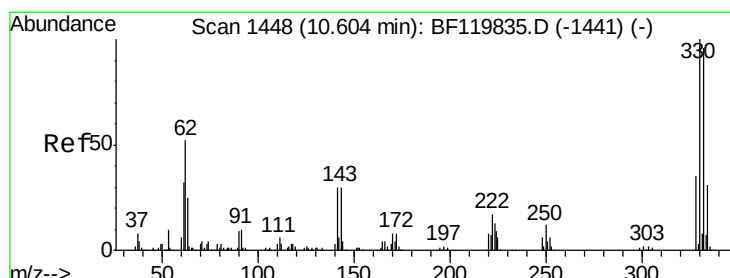
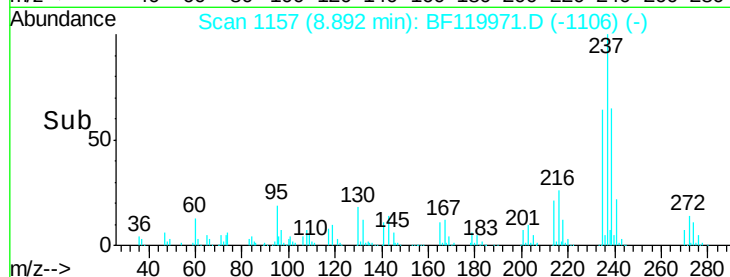
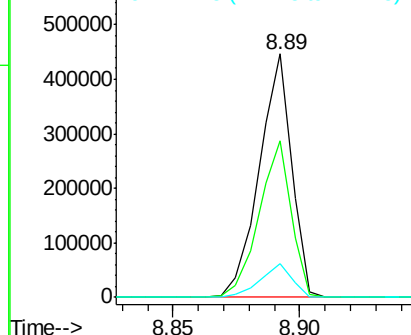
237 100

235 64.1 44.9 84.9

272 13.9 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: 118.551 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

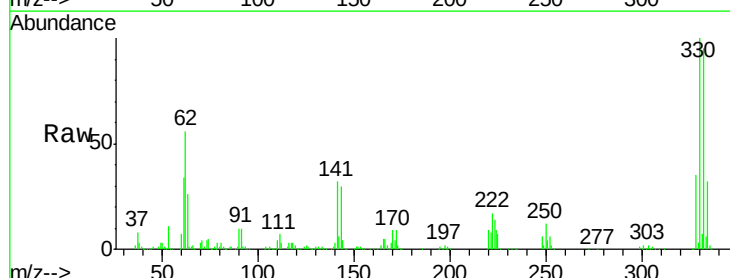
Tgt Ion:330 Resp: 531499

Ion Ratio Lower Upper

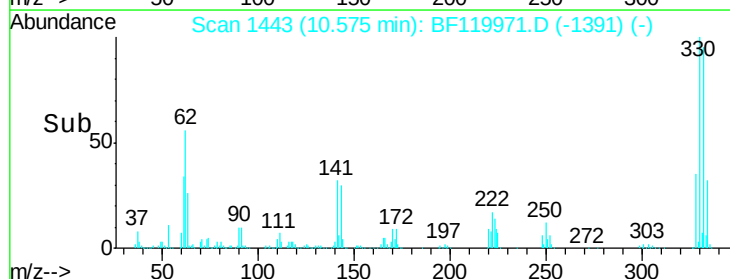
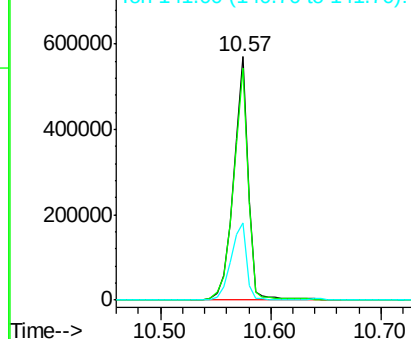
330 100

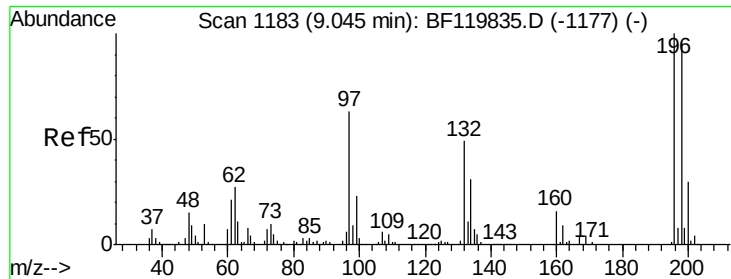
332 96.9 76.8 115.2

141 33.9 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

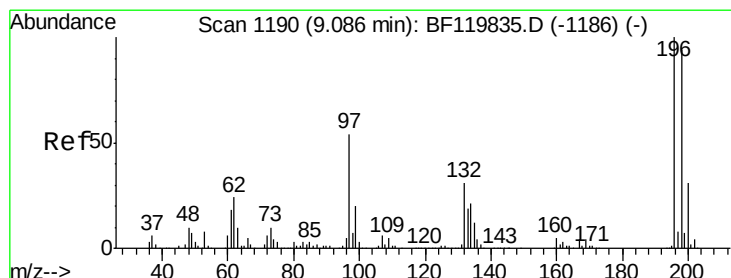
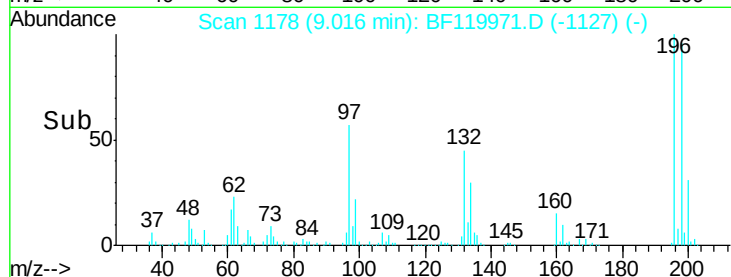
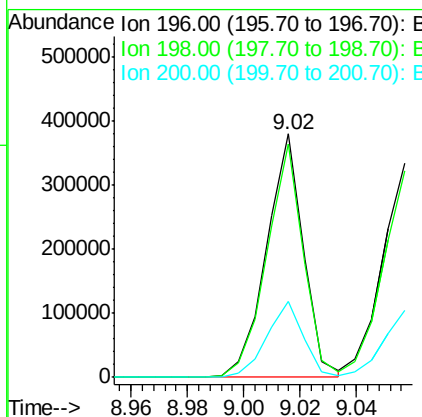
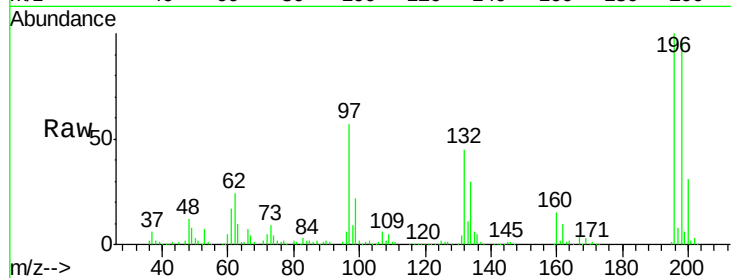




#43
 2,4,6-Trichlorophenol
 Concen: 43.048 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

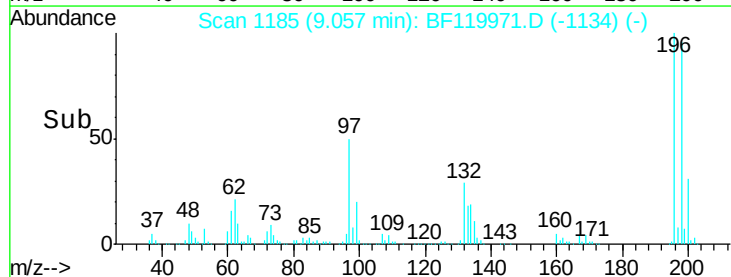
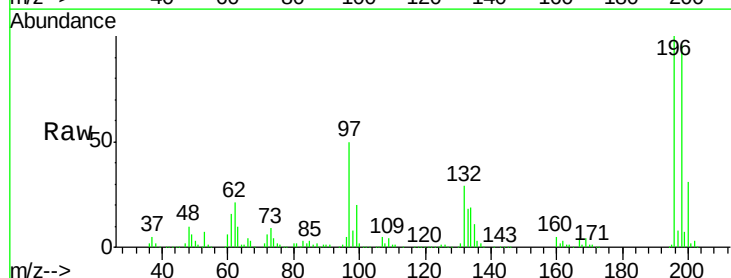
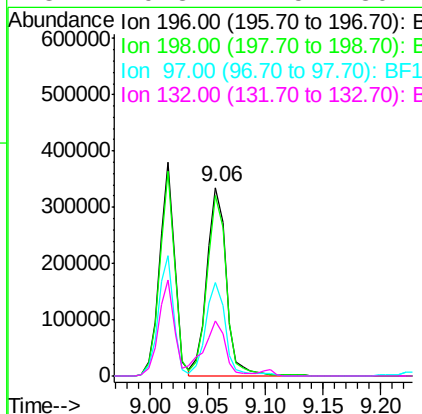
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

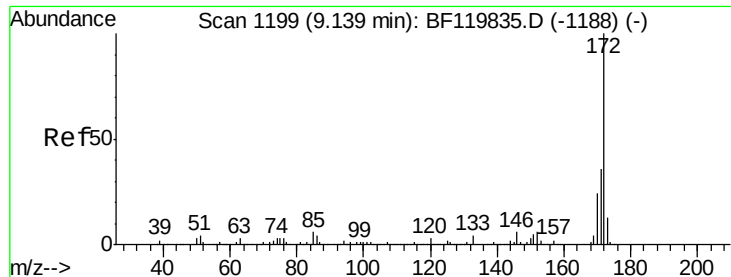
Tot Ion:196 Resp: 343804
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.6 115.0
 200 31.3 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.767 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion:196 Resp: 393692
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.1 112.7
 97 49.5 43.4 65.2
 132 29.3 24.5 36.7

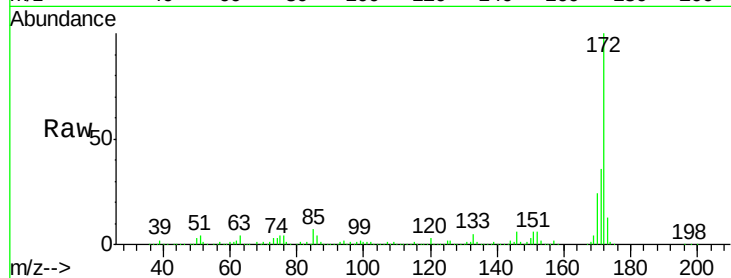




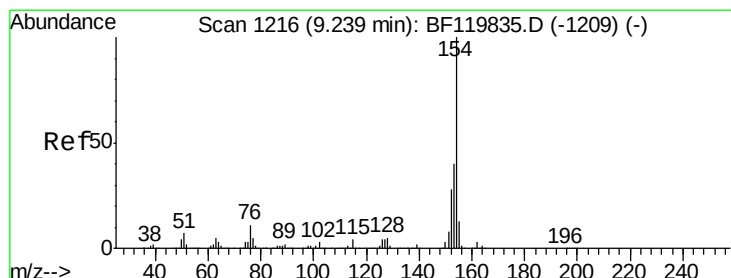
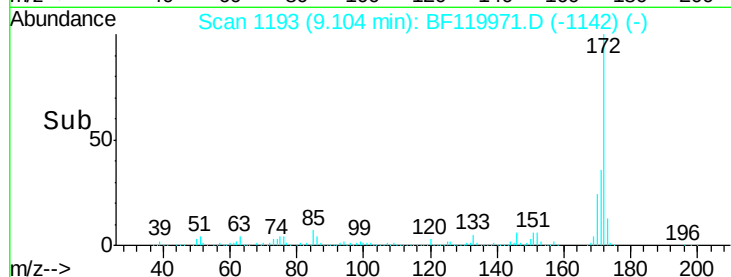
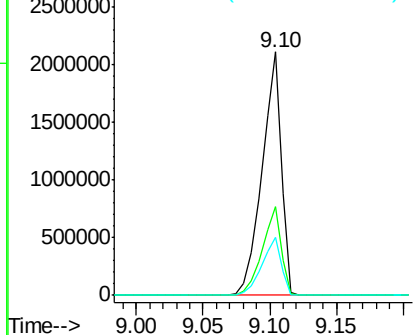
#45
2-Fluorobiphenyl
Concen: 80.750 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tot Ion:172 Resp: 2082653
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 24.0 19.4 29.2

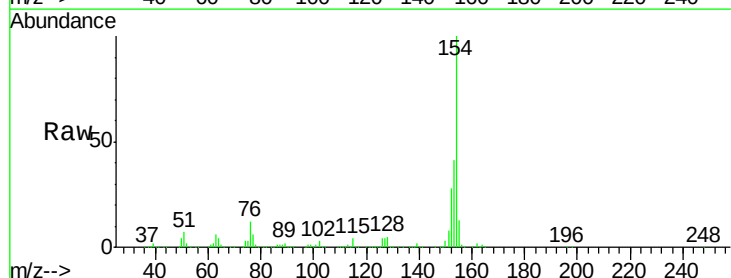


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

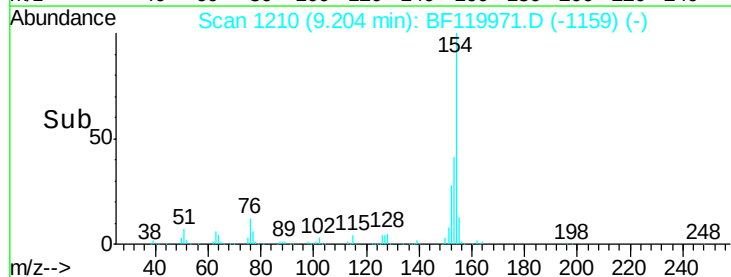
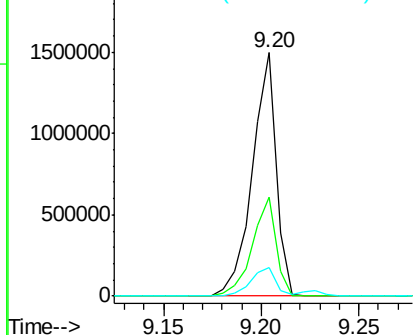


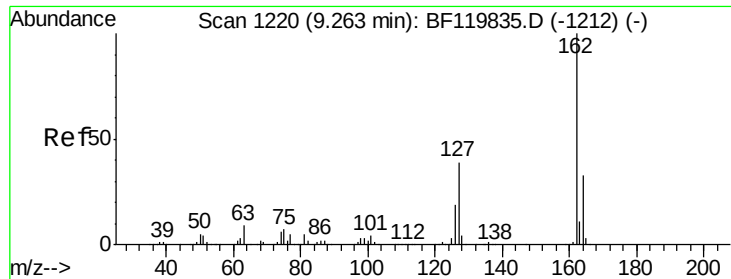
#46
1,1'-Biphenyl
Concen: 41.007 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion:154 Resp: 1267430
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 11.9 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

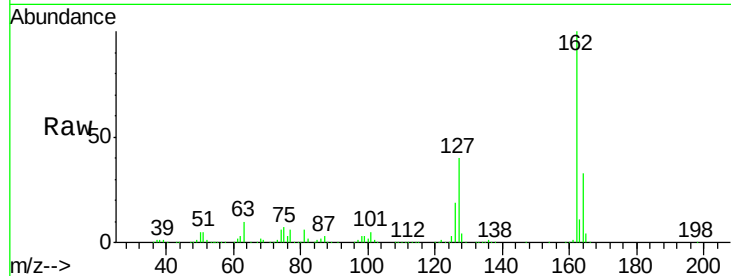




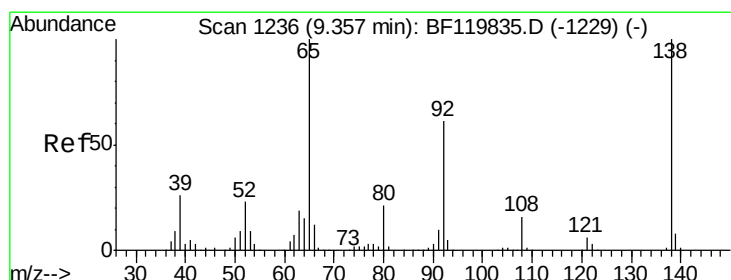
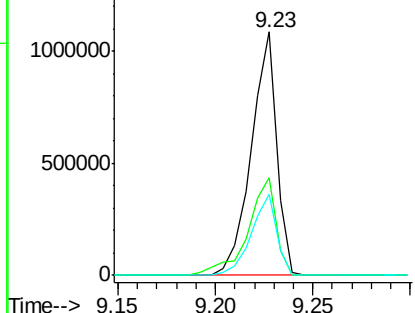
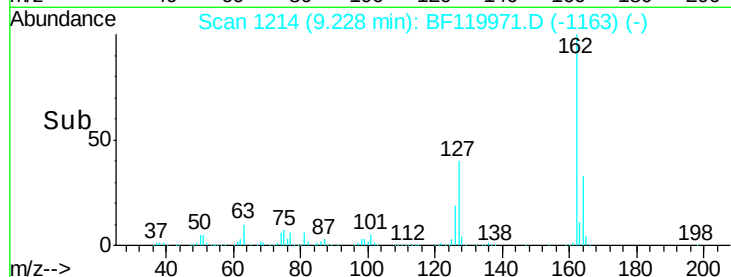
#47
 2-Chloronaphthalene
 Concen: 41.093 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.2	31.2	46.8
164	33.4	26.3	39.5

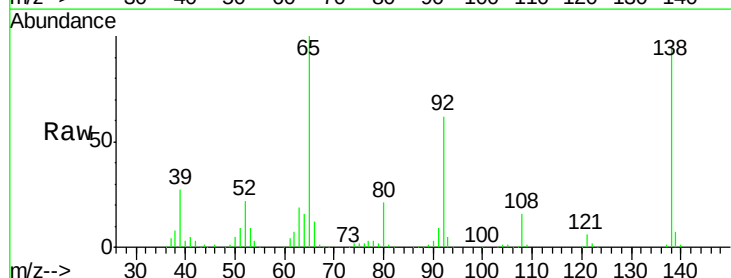


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

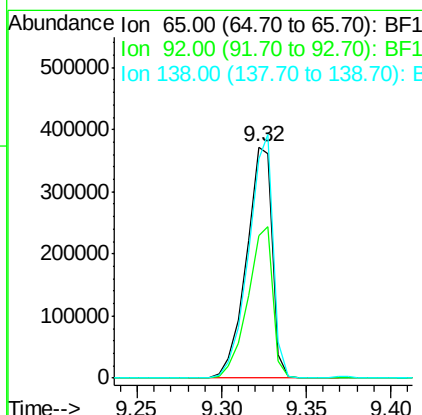
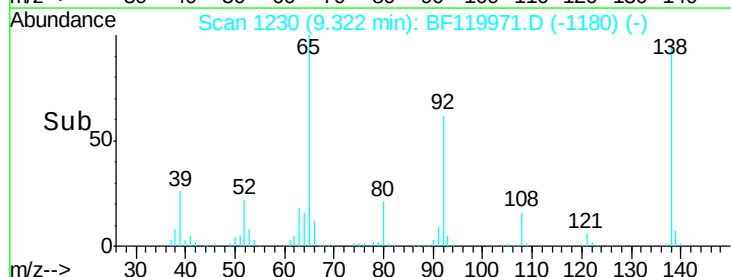


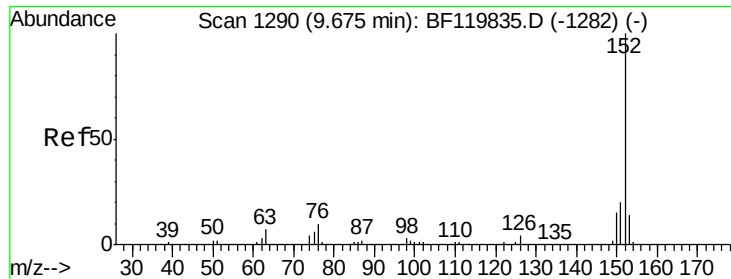
#48
 2-Nitroaniline
 Concen: 46.268 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	49.0	73.6
138	94.7	79.7	119.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.067 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

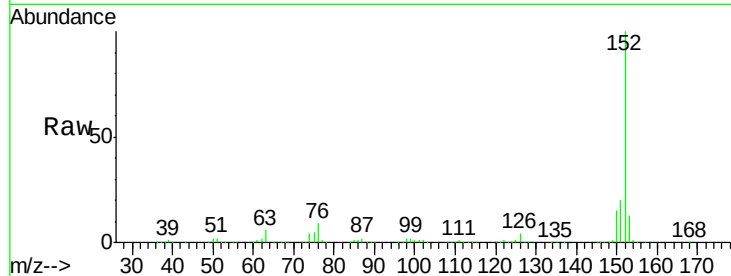
Tot Ion:152 Resp: 1595667

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

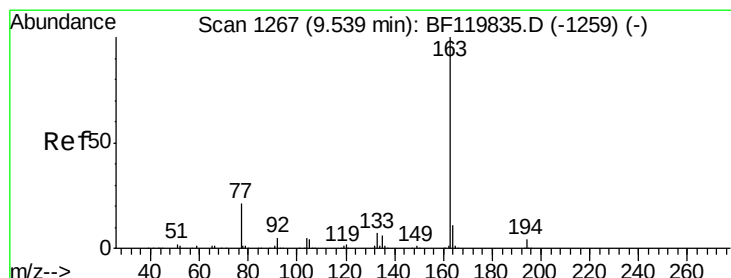
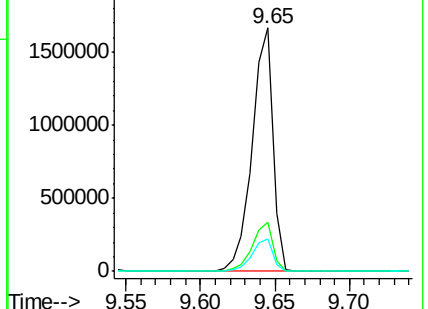
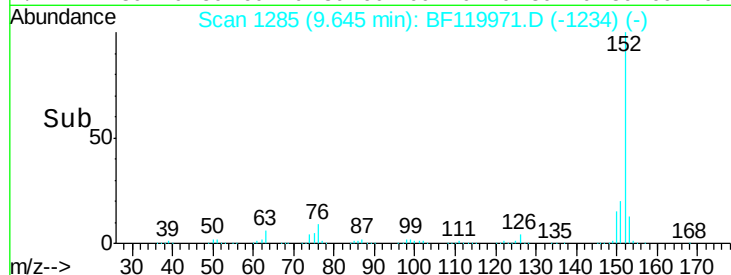
153 13.5 10.9 16.3



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: 45.846 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

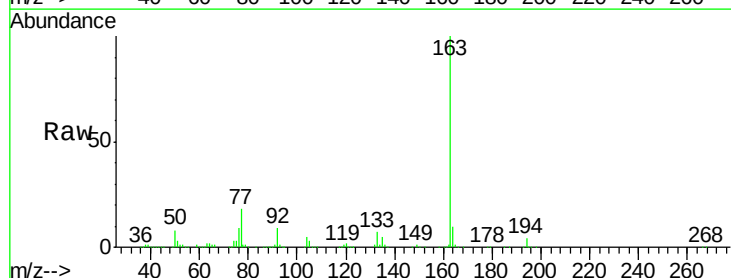
Tgt Ion:163 Resp: 1298523

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

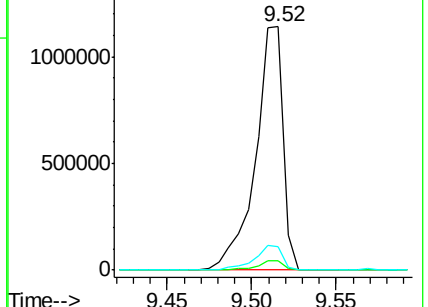
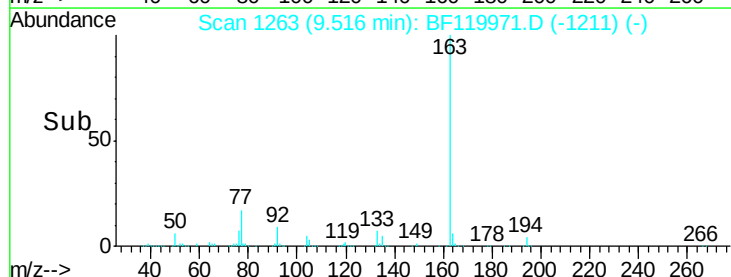
164 9.8 8.4 12.6

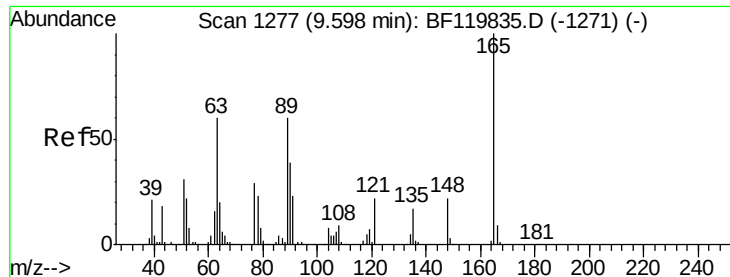


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

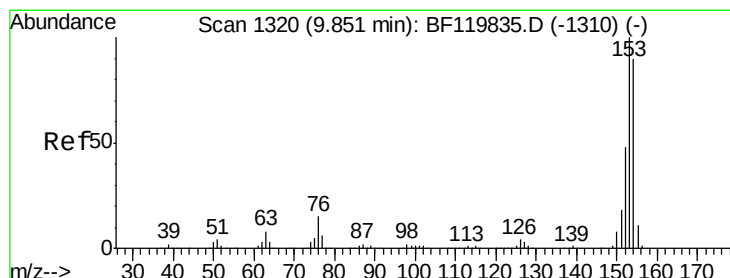
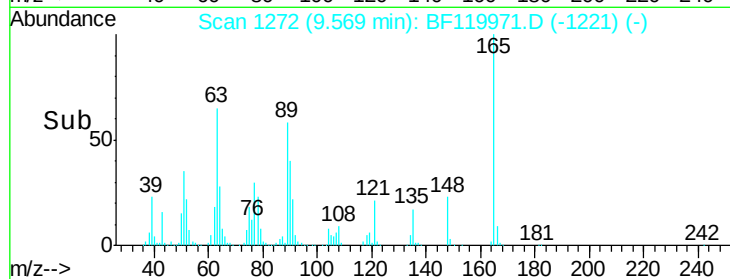
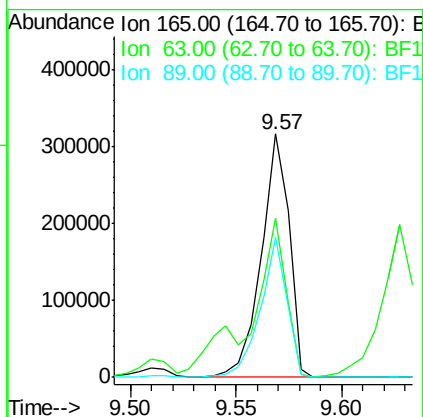
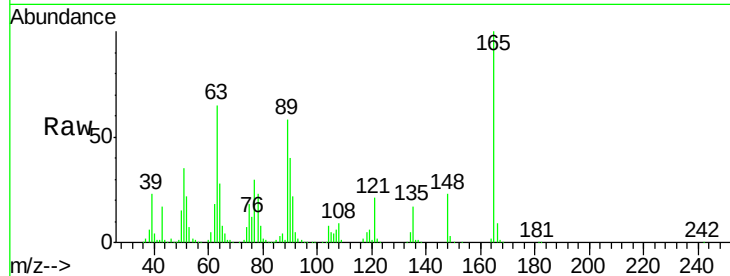




#51
 2,6-Dinitrotoluene
 Concen: 46.990 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

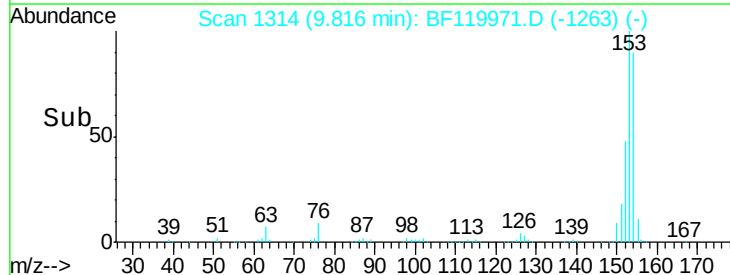
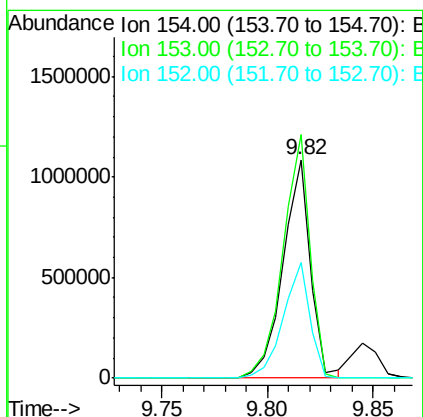
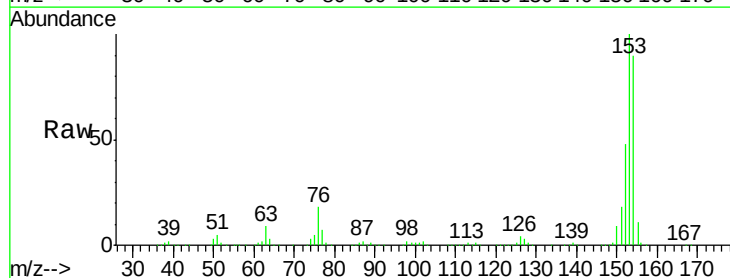
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

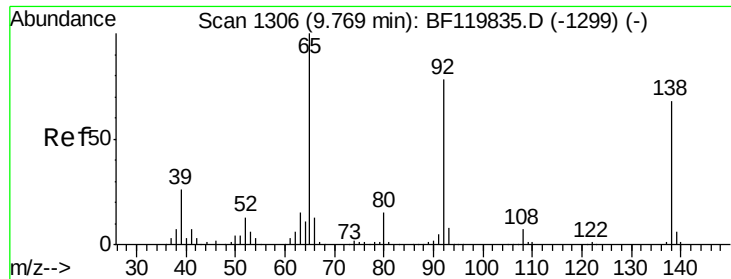
Tot Ion:165 Resp: 291451
 Ion Ratio Lower Upper
 165 100
 63 65.4 55.6 83.4
 89 57.5 47.9 71.9



#52
 Acenaphthene
 Concen: 40.821 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion:154 Resp: 986002
 Ion Ratio Lower Upper
 154 100
 153 111.6 88.8 133.2
 152 53.1 42.4 63.6

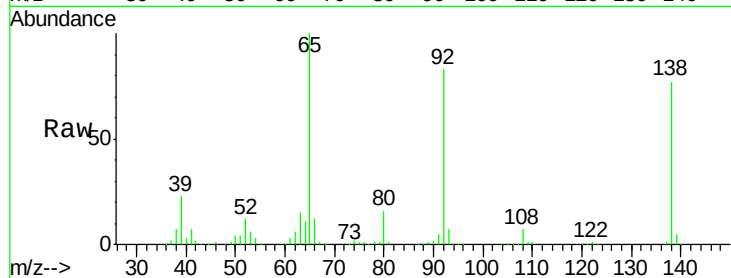




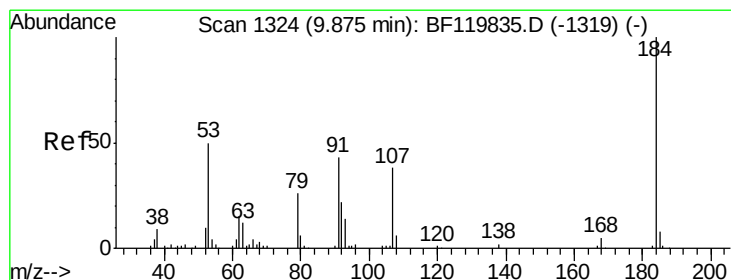
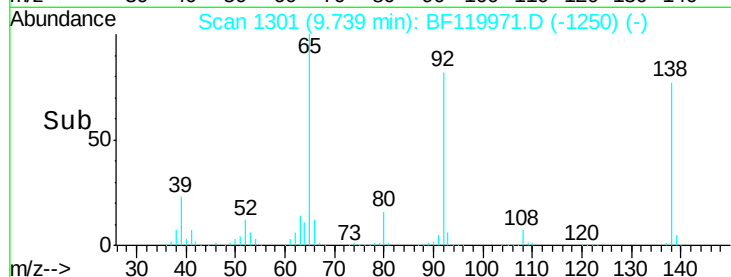
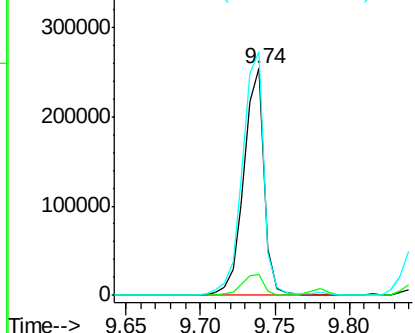
#53
 3-Nitroaniline
 Concen: 33.982 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

Tot Ion:138 Resp: 240723
 Ion Ratio Lower Upper
 138 100
 108 9.5 8.0 12.0
 92 107.5 92.1 138.1

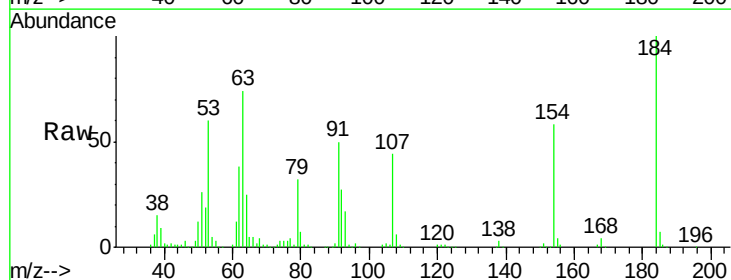


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

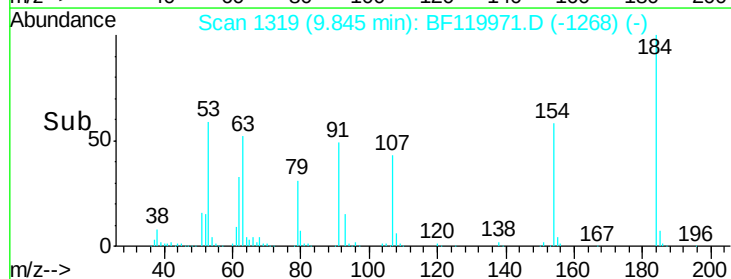
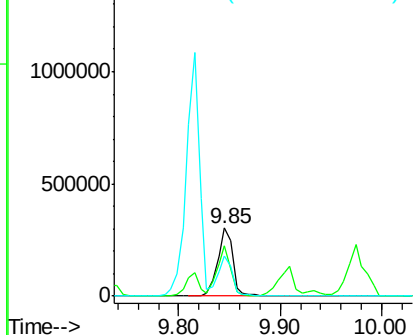


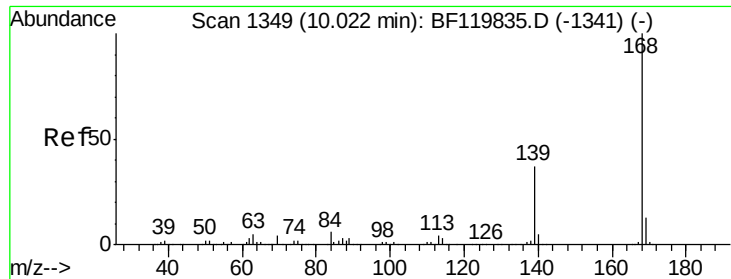
#54
 2,4-Dinitrophenol
 Concen: 84.963 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion:184 Resp: 315501
 Ion Ratio Lower Upper
 184 100
 63 74.5 49.8 74.6
 154 58.5 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

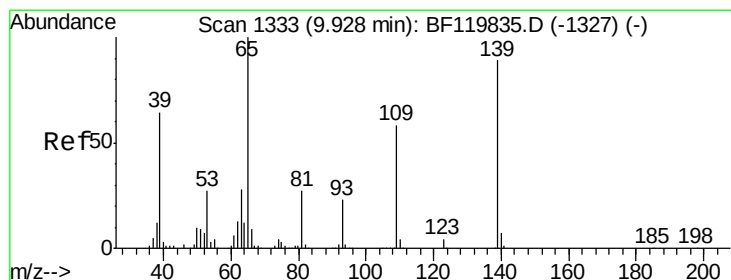
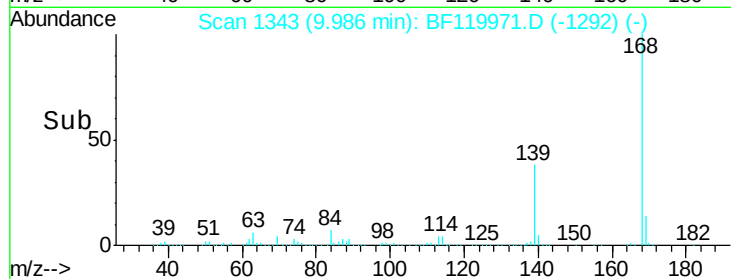
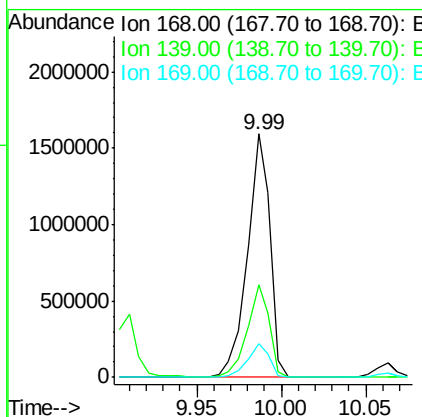
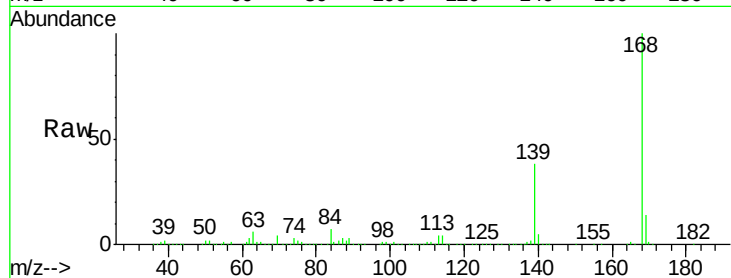




#55
Dibenzofuran
Concen: 44.858 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

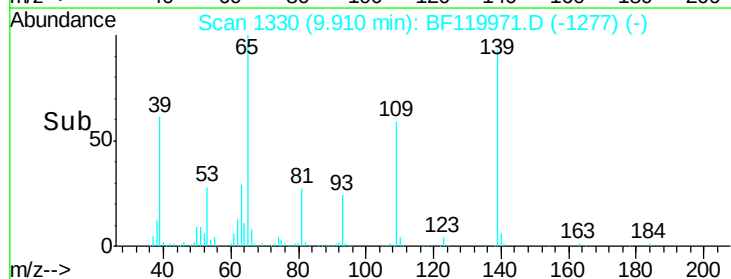
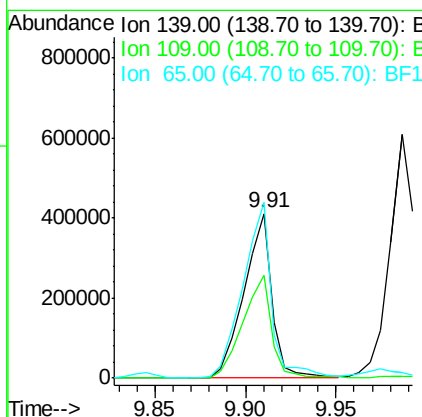
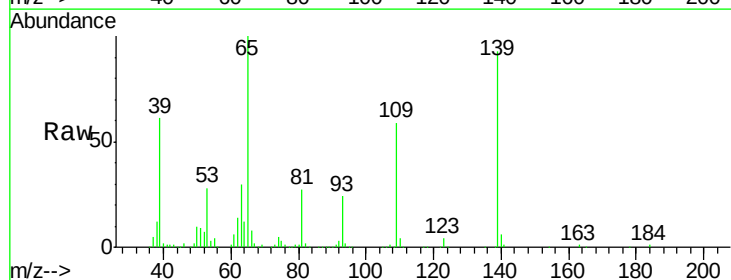
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

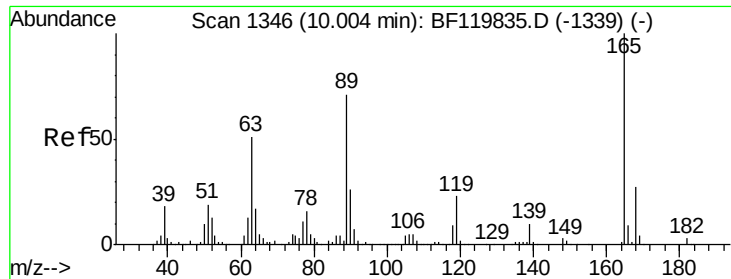
Tot Ion:168 Resp: 1486853
Ion Ratio Lower Upper
168 100
139 38.2 29.8 44.6
169 13.7 10.6 15.8



#56
4-Nitrophenol
Concen: 83.554 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion:139 Resp: 440385
Ion Ratio Lower Upper
139 100
109 62.8 45.5 85.5
65 107.1 92.3 132.3





#57

2,4-Dinitrotoluene

Concen: 48.114 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

Tot Ion:165 Resp: 393179

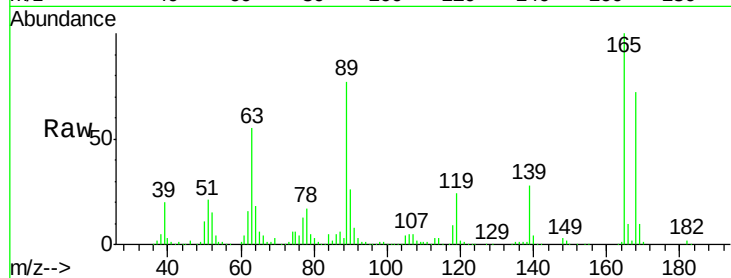
Ion Ratio Lower Upper

165 100

63 54.8 40.8 61.2

89 77.5 56.9 85.3

182 2.4 2.0 3.0

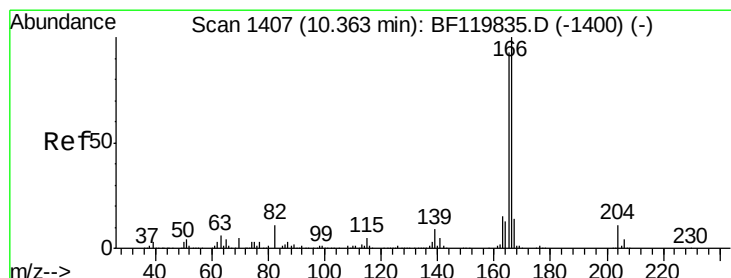
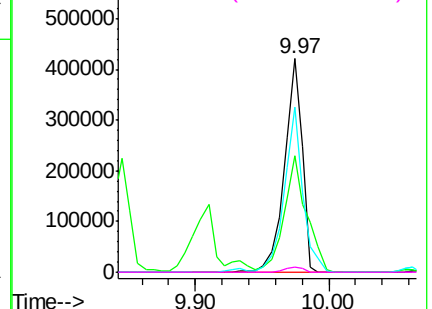
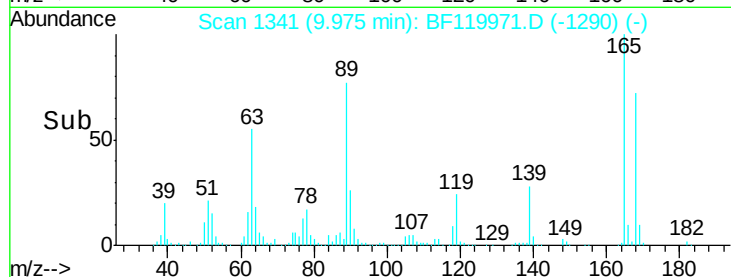


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.020 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

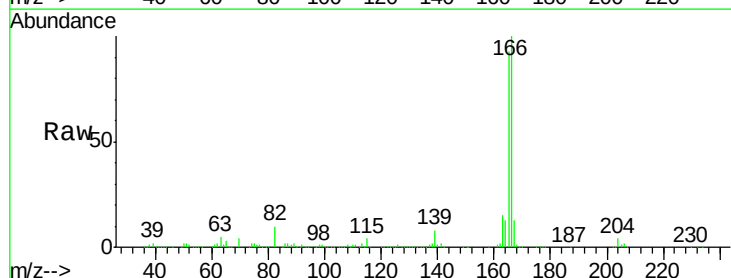
Tgt Ion:166 Resp: 1166899

Ion Ratio Lower Upper

166 100

165 93.4 74.2 111.2

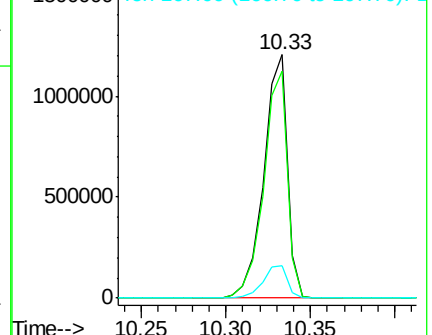
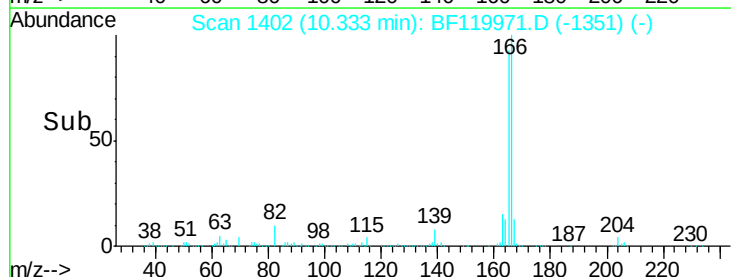
167 13.4 10.8 16.2

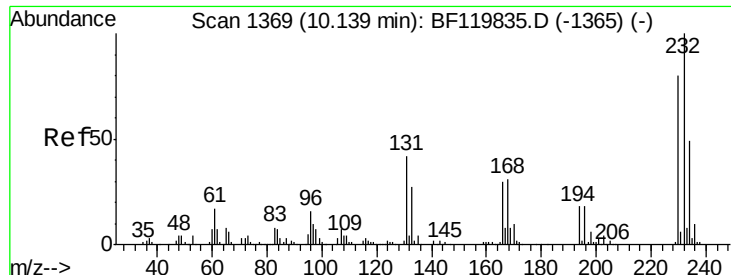


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

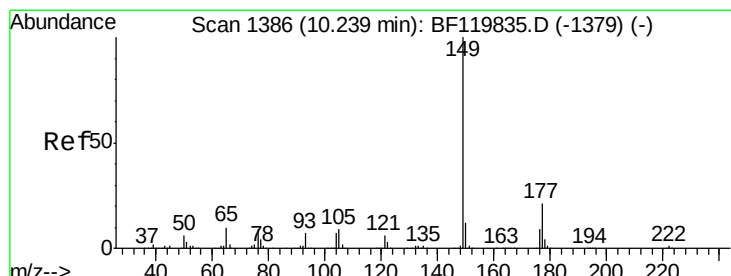
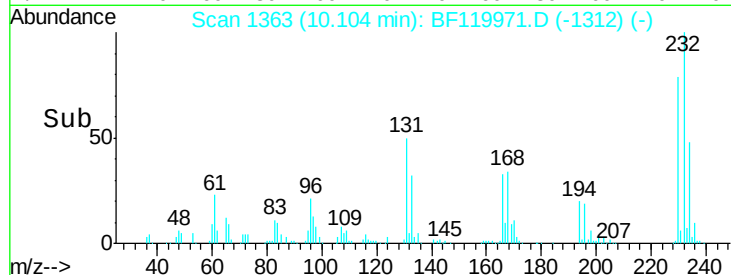
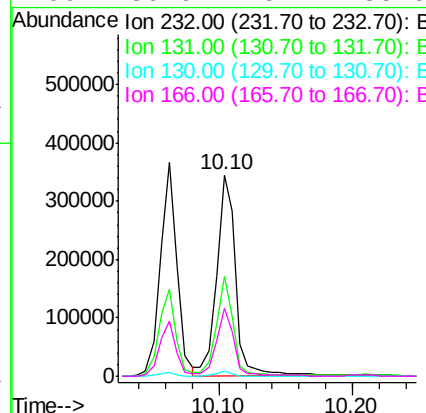
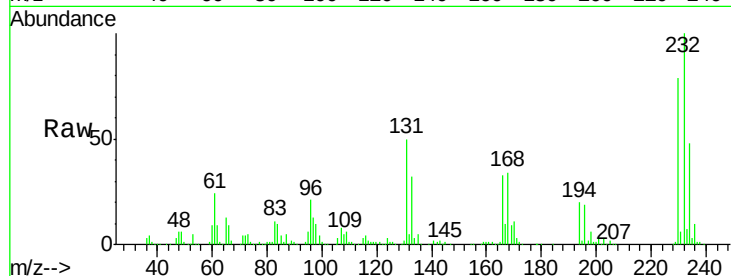




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.583 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

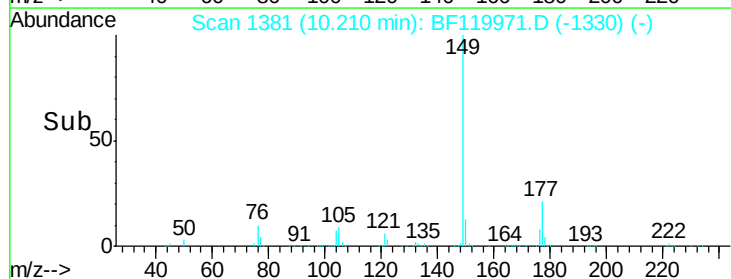
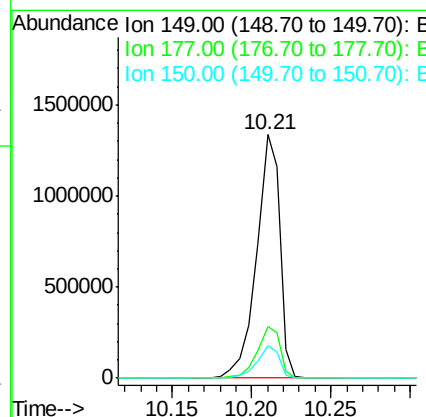
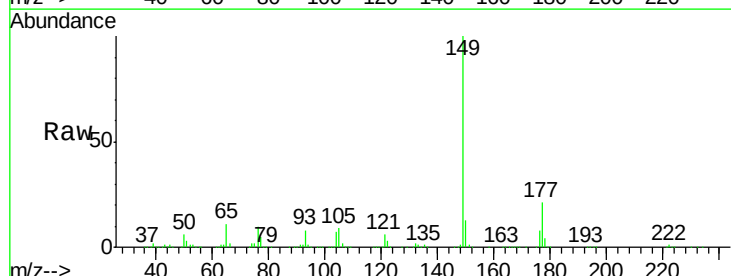
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

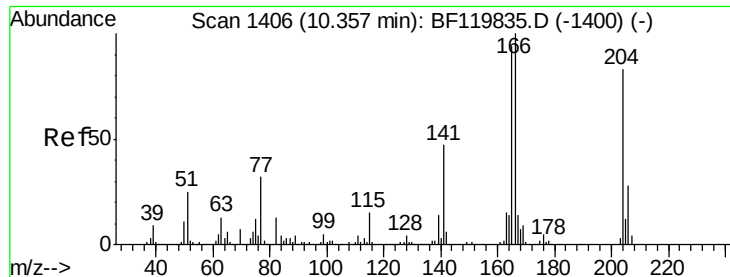
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	37.9	56.9
130	2.2	1.8	2.6
166	30.9	25.4	38.0



#60
 Diethylphthalate
 Concen: 46.244 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.8	25.2
150	13.2	9.8	14.6

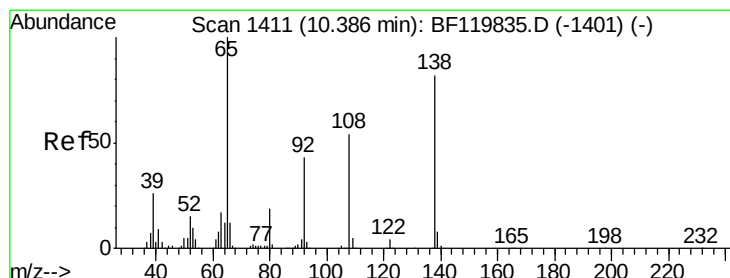
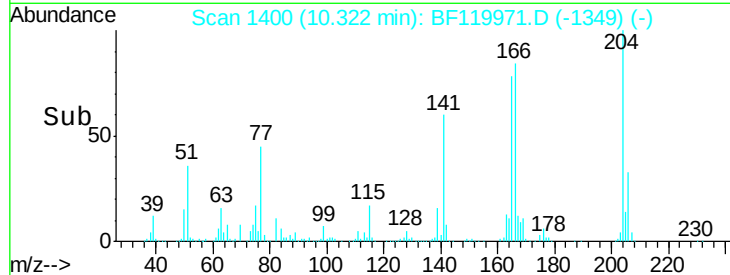
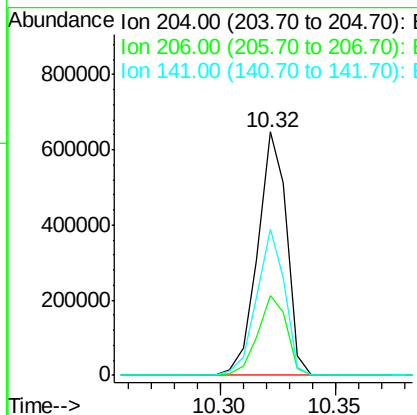
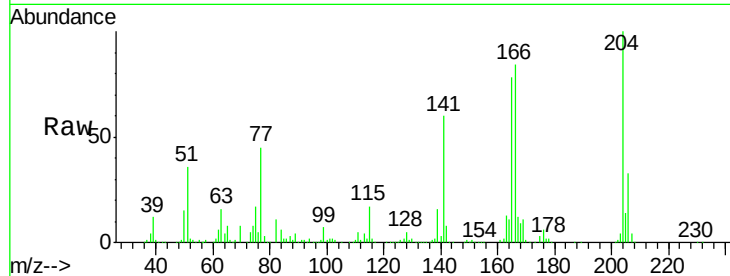




#61
 4-Chlorophenyl-phenylether
 Concen: 41.730 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

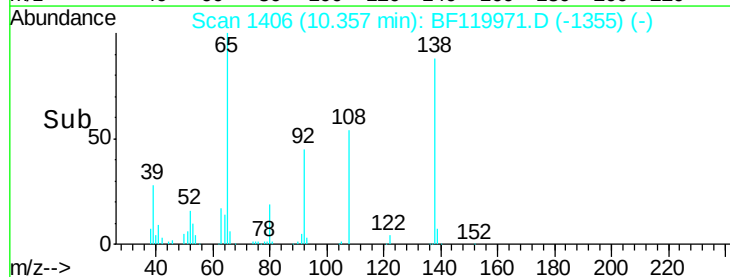
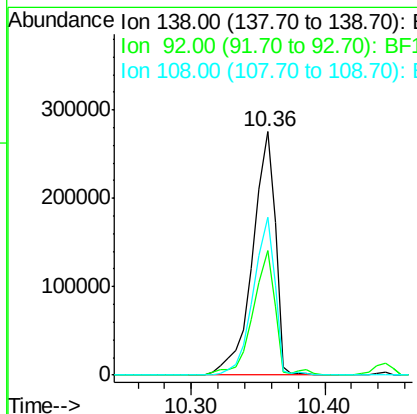
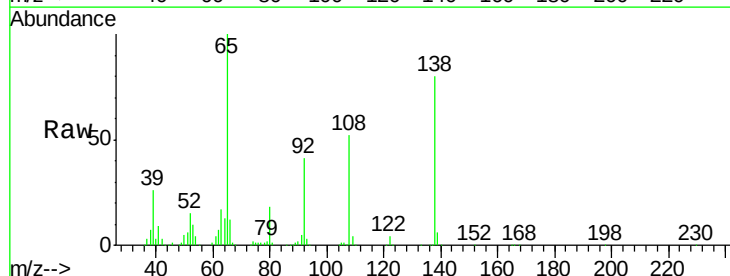
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

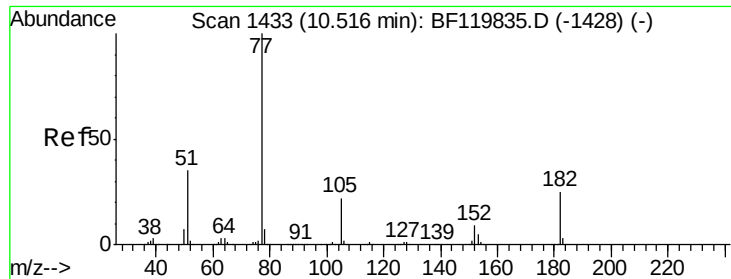
Tot Ion:	204	Resp:	566970
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	60.3	45.8	68.8



#62
 4-Nitroaniline
 Concen: 47.725 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion:	138	Resp:	322184
Ion	Ratio	Lower	Upper
138	100		
92	51.3	31.6	71.6
108	65.1	45.2	85.2

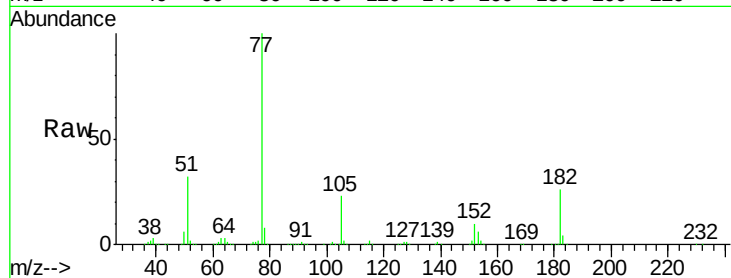




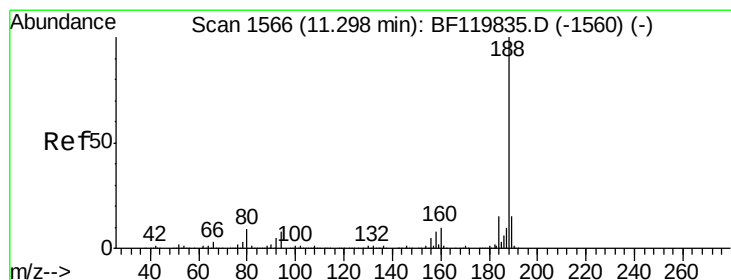
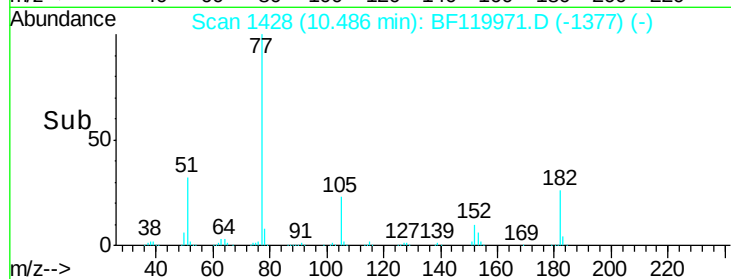
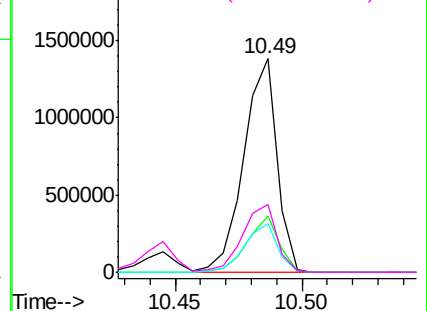
#63
Azobenzene
Concen: 47.873 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tot Ion: 77 Resp: 1259450
Ion Ratio Lower Upper
77 100
182 26.5 4.5 44.5
105 23.0 2.2 42.2
51 32.0 15.1 55.1

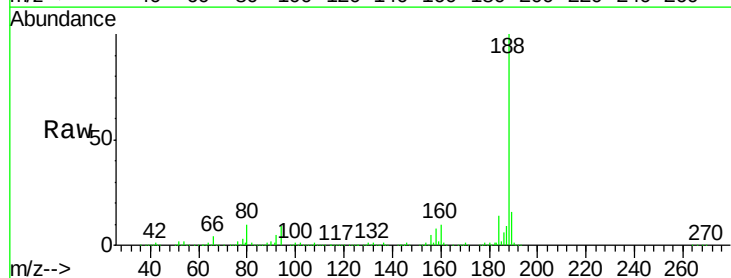


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

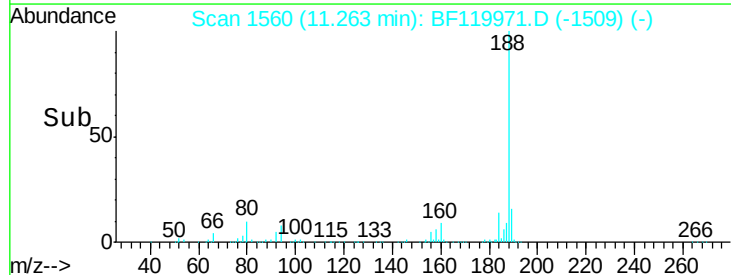
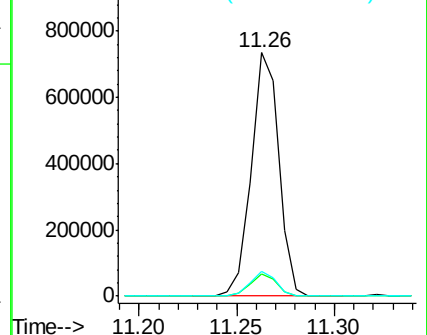


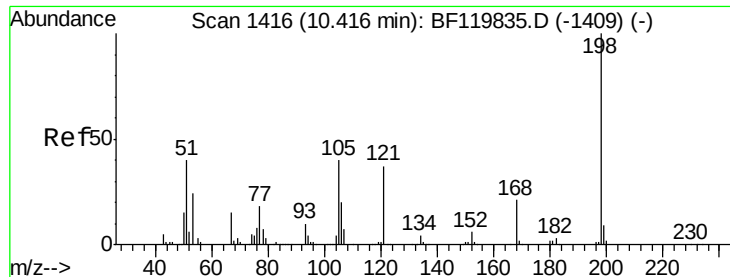
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion: 188 Resp: 718751
Ion Ratio Lower Upper
188 100
94 9.4 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

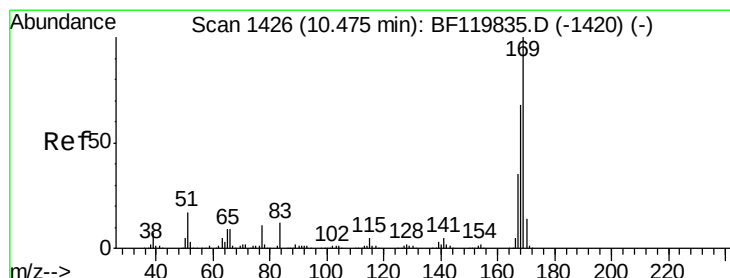
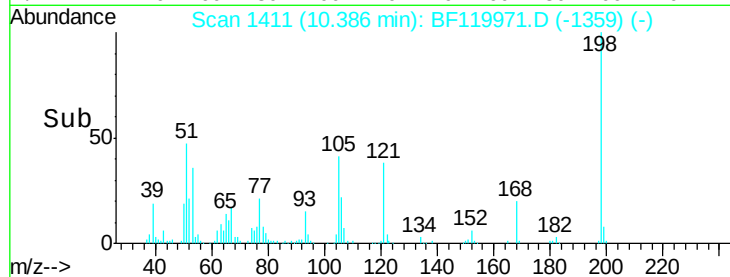
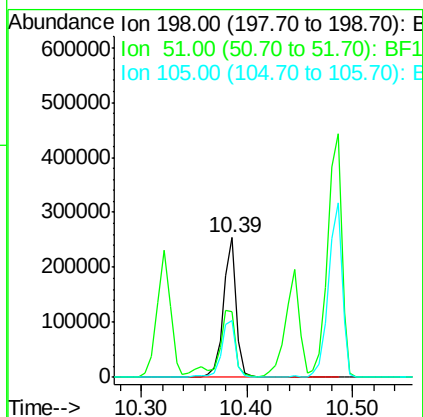
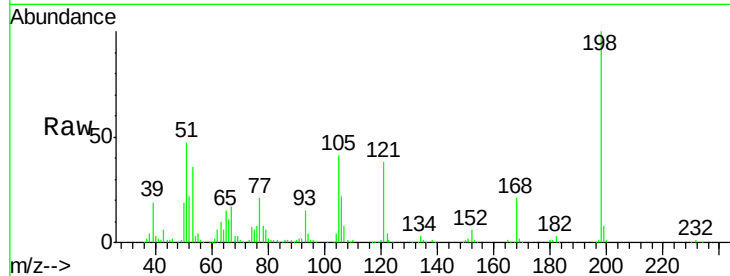




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.884 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

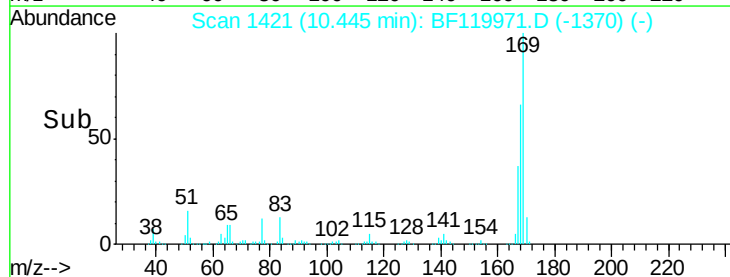
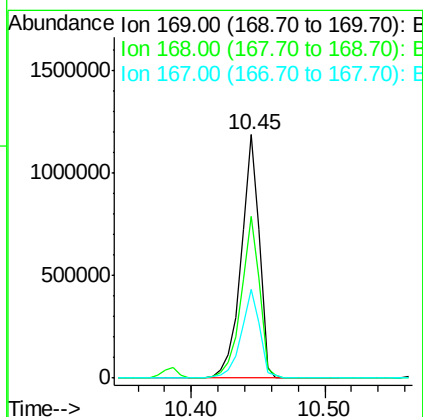
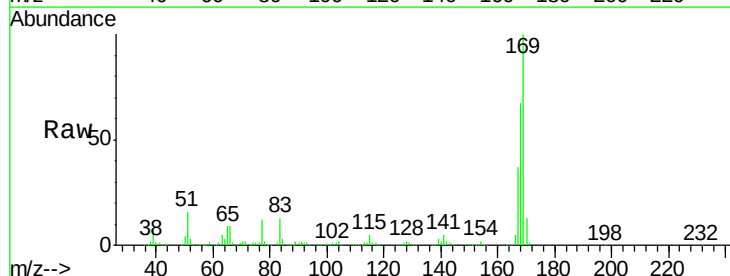
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

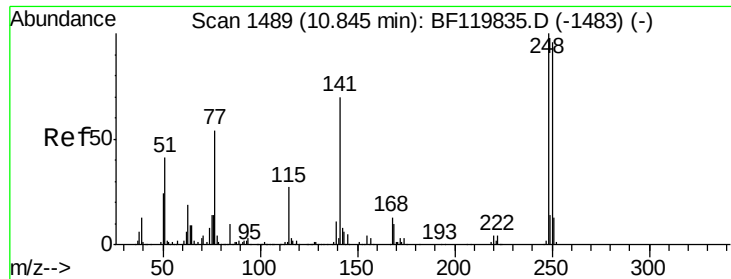
Tot Ion:198 Resp: 217269
 Ion Ratio Lower Upper
 198 100
 51 47.1 25.2 65.2
 105 40.8 20.8 60.8



#66
 n-Nitrosodiphenylamine
 Concen: 46.690 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion:169 Resp: 1116058
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.2 81.4
 167 36.5 28.3 42.5

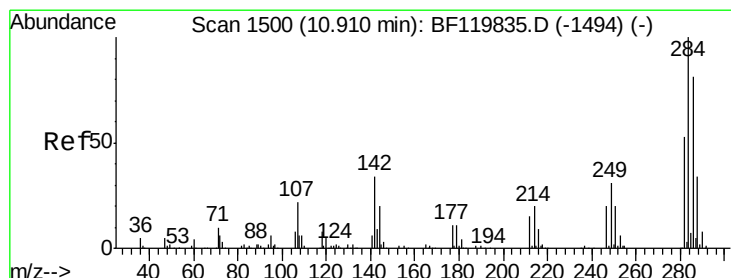
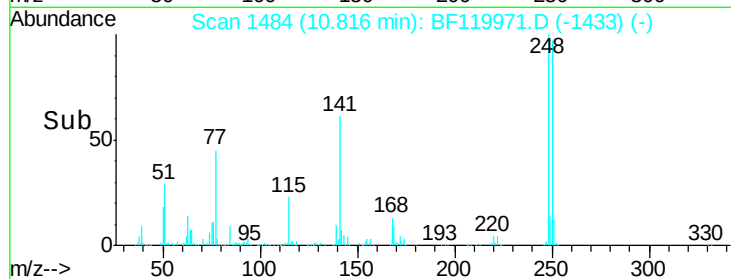
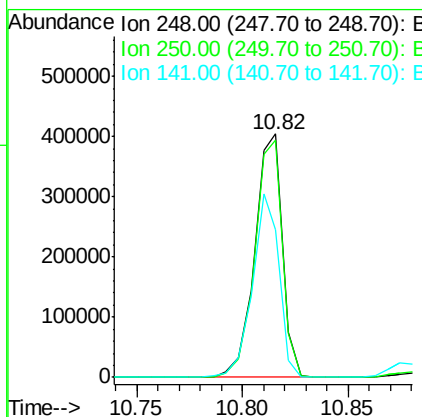
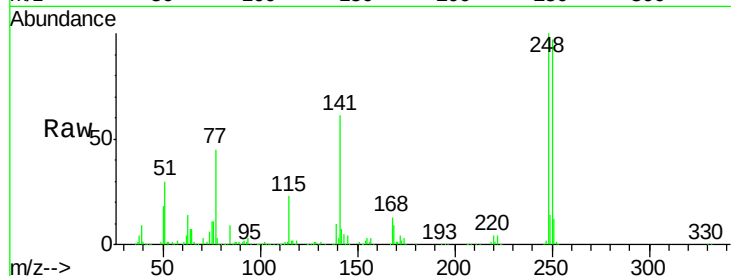




#67
4-Bromophenyl-phenylether
Concen: 41.262 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

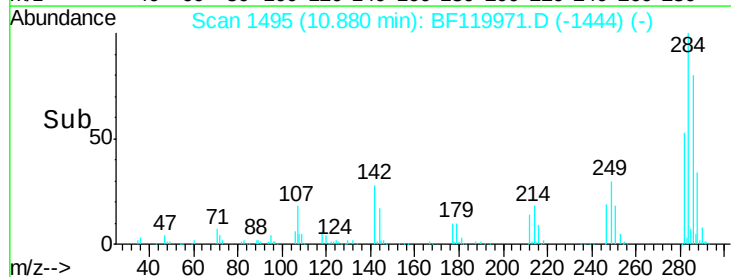
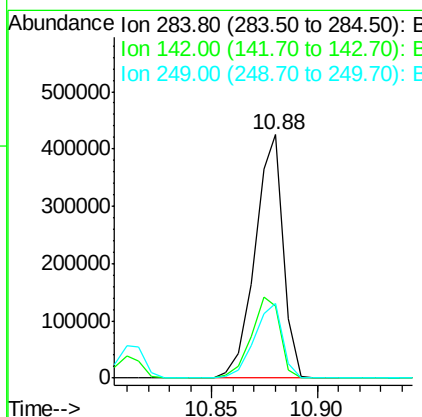
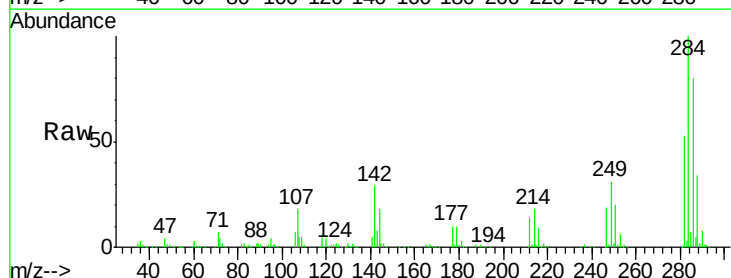
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

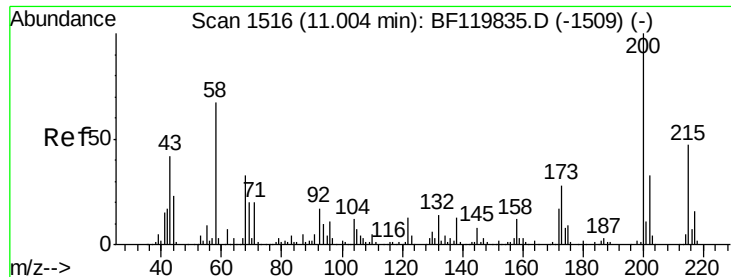
Tot Ion:248 Resp: 368819
Ion Ratio Lower Upper
248 100
250 97.2 76.6 114.8
141 60.7 55.9 83.9



#68
Hexachlorobenzene
Concen: 43.384 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion:284 Resp: 393392
Ion Ratio Lower Upper
284 100
142 29.4 26.9 40.3
249 30.9 24.6 37.0

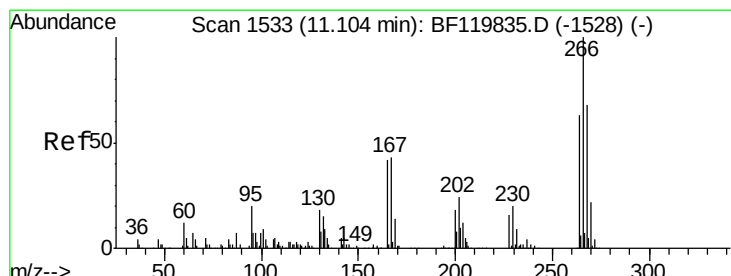
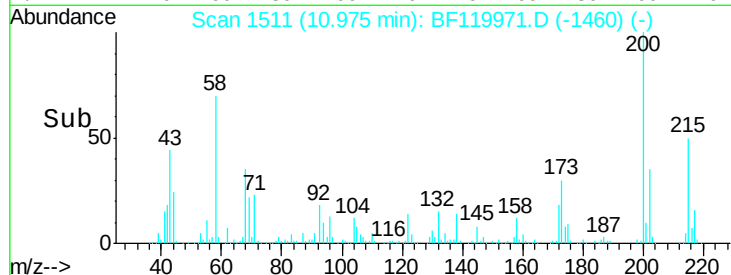
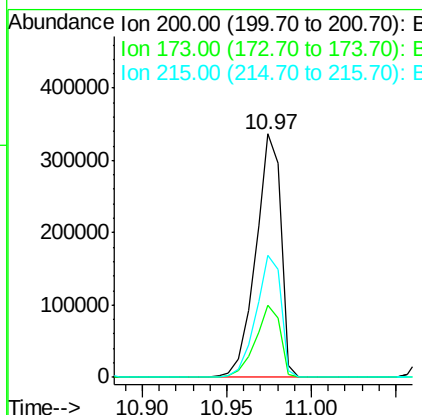
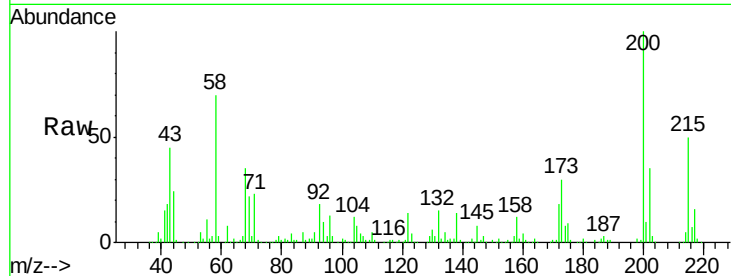




#69
 Atrazine
 Concen: 52.406 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

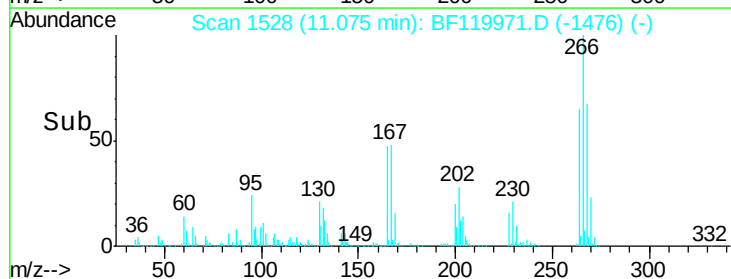
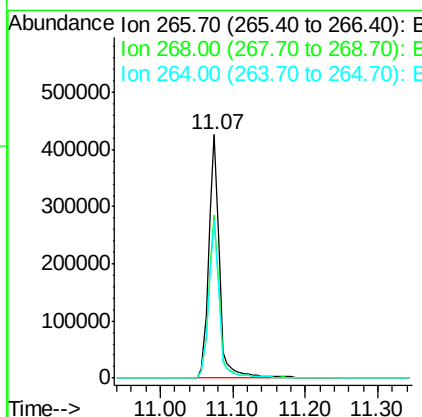
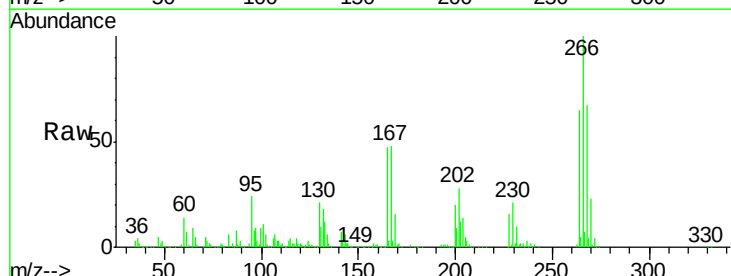
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

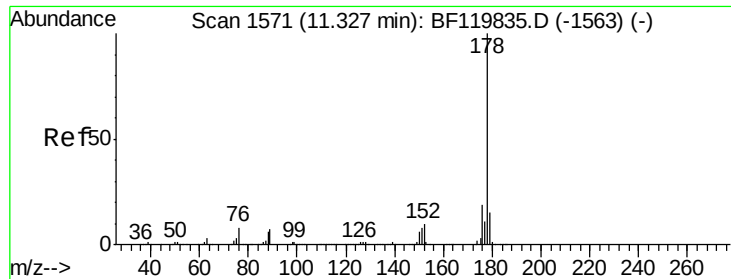
Tot Ion:200 Resp: 348539
 Ion Ratio Lower Upper
 200 100
 173 29.6 8.0 48.0
 215 49.9 27.1 67.1



#70
 Pentachlorophenol
 Concen: 83.535 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion:266 Resp: 436512
 Ion Ratio Lower Upper
 266 100
 268 66.7 54.2 81.4
 264 64.8 50.6 76.0





#71

Phenanthrene

Concen: 46.938 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

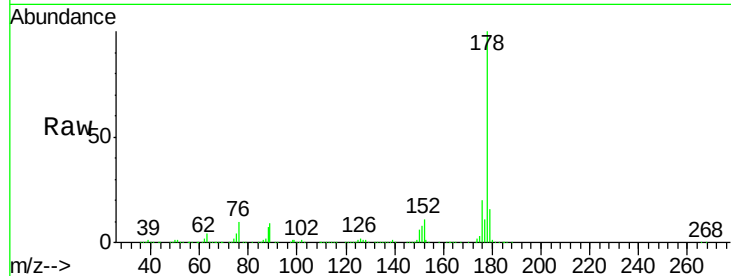
Tot Ion:178 Resp: 1795516

Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

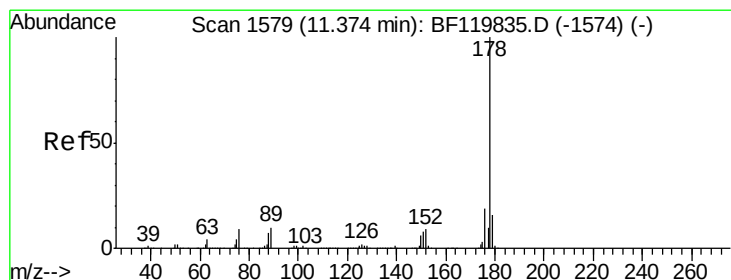
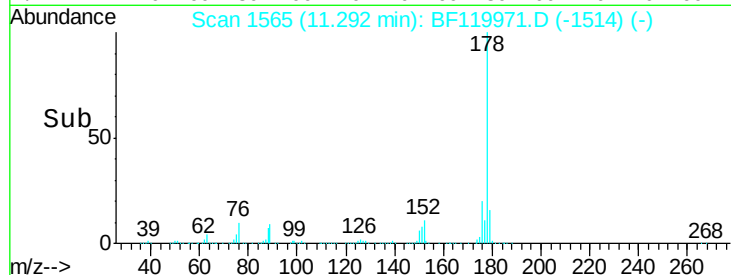
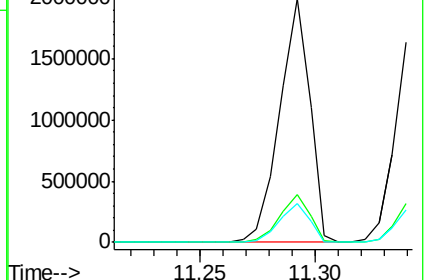
179 15.8 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.549 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

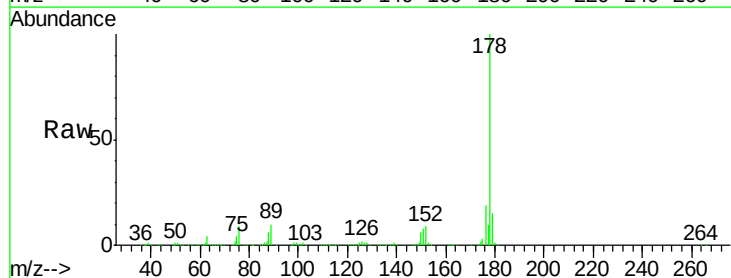
Tgt Ion:178 Resp: 1858084

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

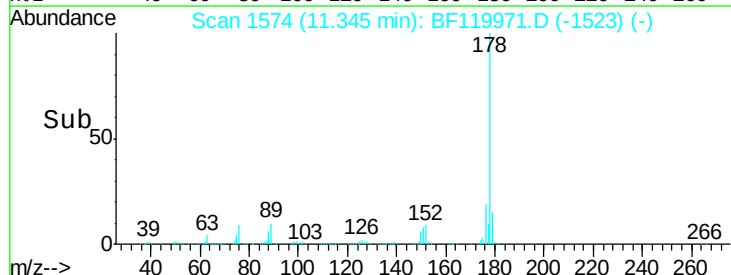
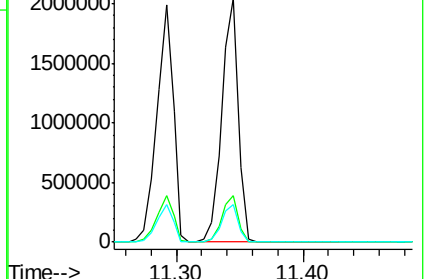
179 15.4 12.8 19.2

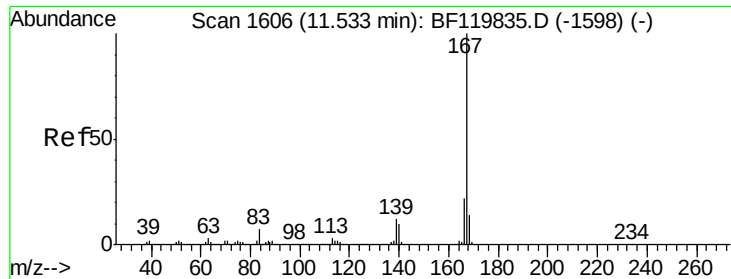


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



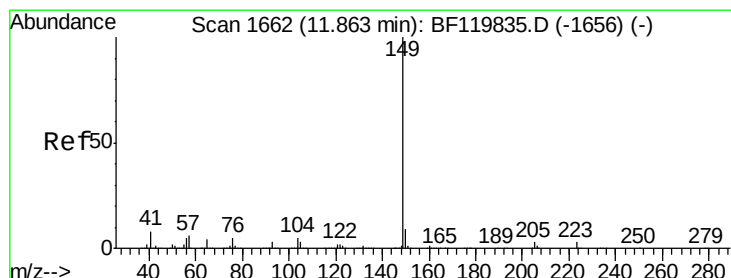
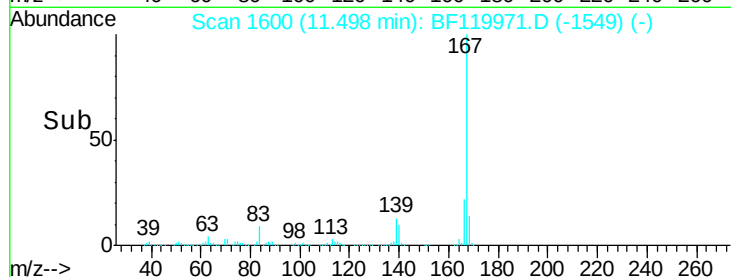
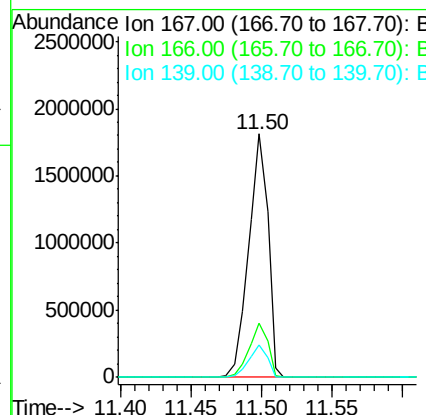
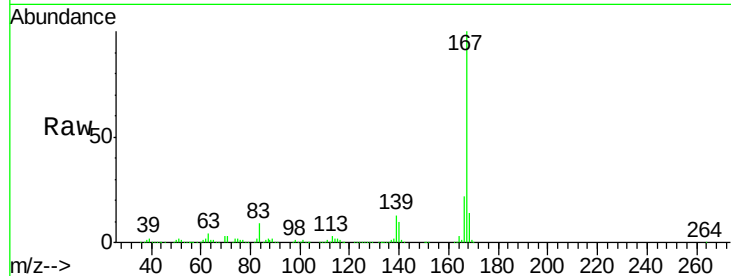


#73
 Carbazole
 Concen: 46.930 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

Tot Ion:167 Resp: 1734267

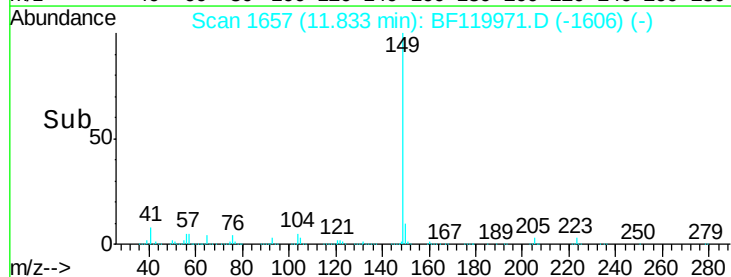
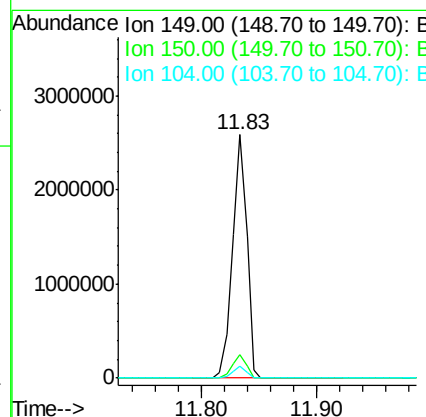
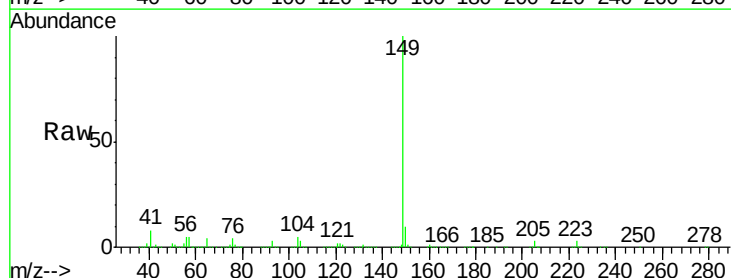
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	13.1	9.8	14.8

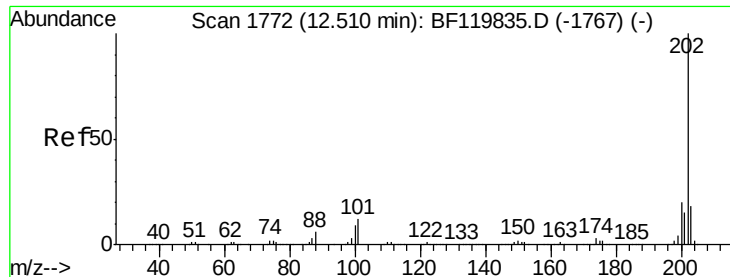


#74
 Di-n-butylphthalate
 Concen: 45.467 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BF119971.D
 Acq: 14 Apr 2020 23:57

Tgt Ion:149 Resp: 2208782

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	4.7	3.8	5.6

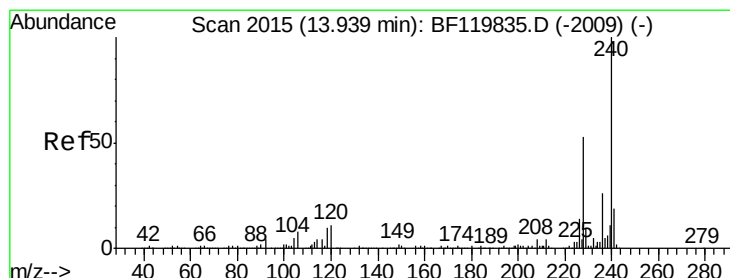
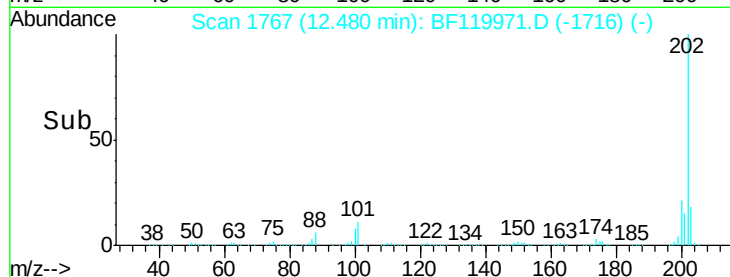
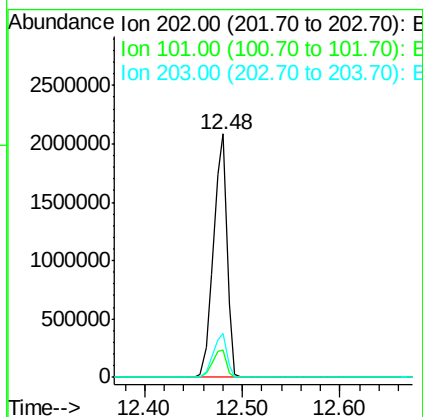
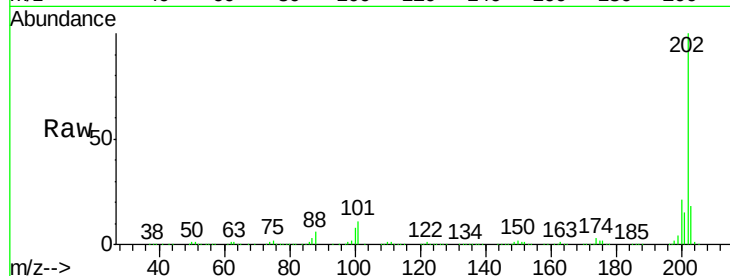




#75
Fluoranthene
Concen: 48.298 ng
RT: 12.48 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

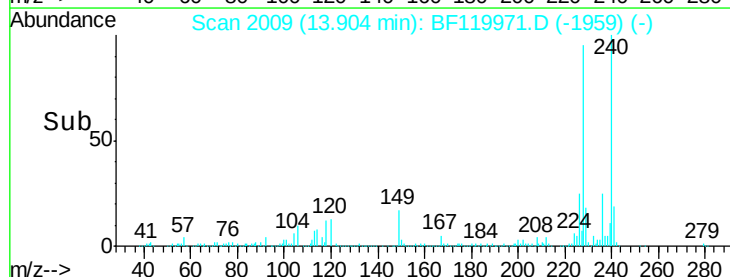
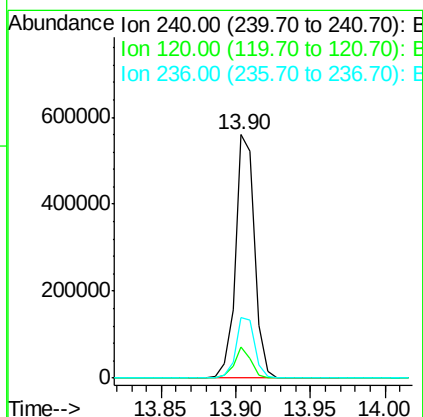
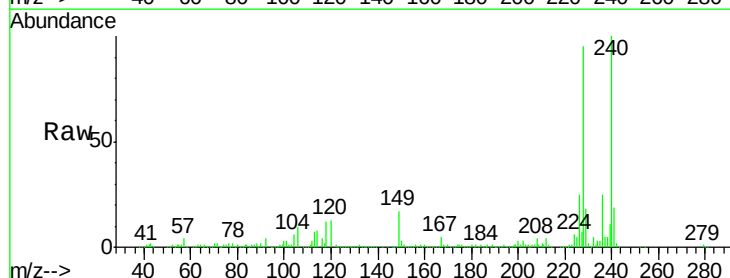
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

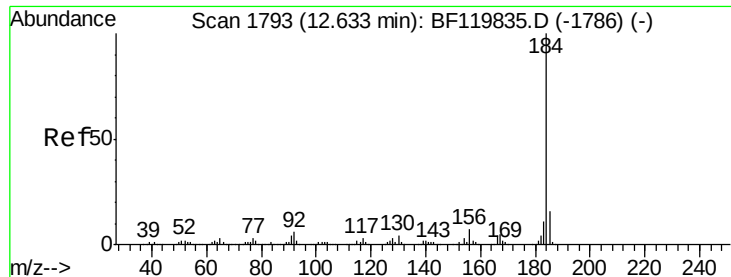
Tot Ion:202 Resp: 1993446
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.3
203 18.1 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion:240 Resp: 500844
Ion Ratio Lower Upper
240 100
120 12.9 9.0 13.6
236 25.1 20.7 31.1





#77

Benzidine

Concen: 7.660 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

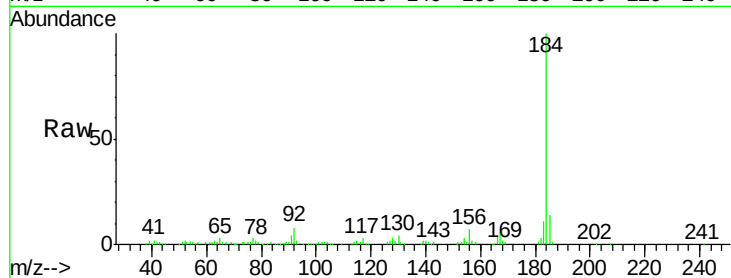
Tot Ion:184 Resp: 129688

Ion Ratio Lower Upper

184 100

185 14.1 13.2 19.8

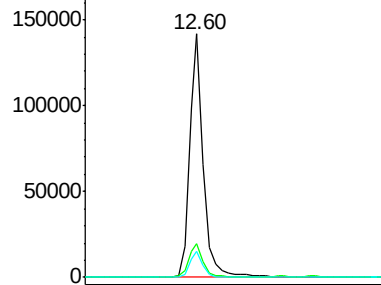
183 10.8 9.1 13.7



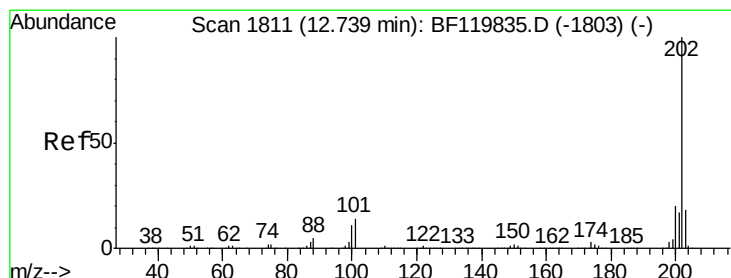
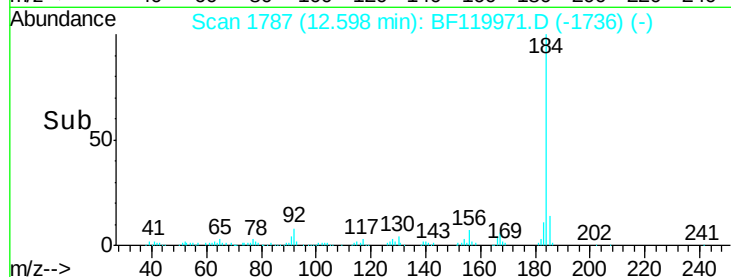
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 47.064 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

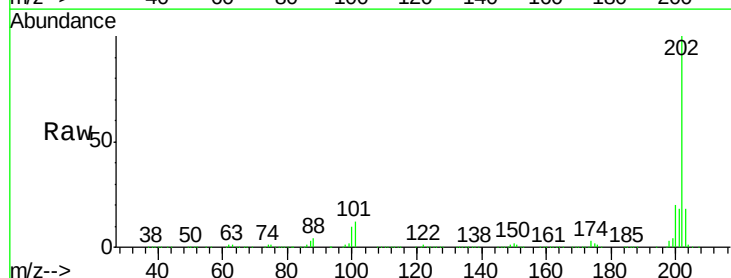
Tgt Ion:202 Resp: 1987140

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

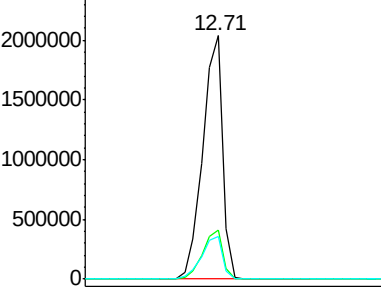
203 17.6 14.1 21.1



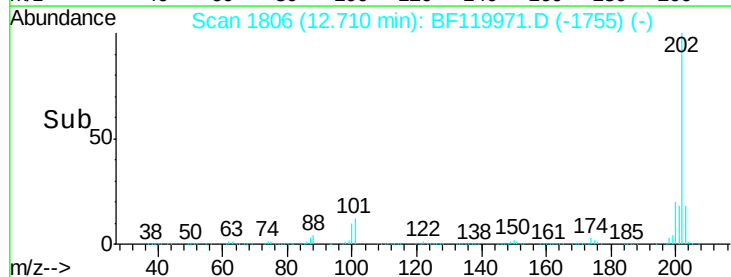
Abundance Ion 202.00 (201.70 to 202.70): E

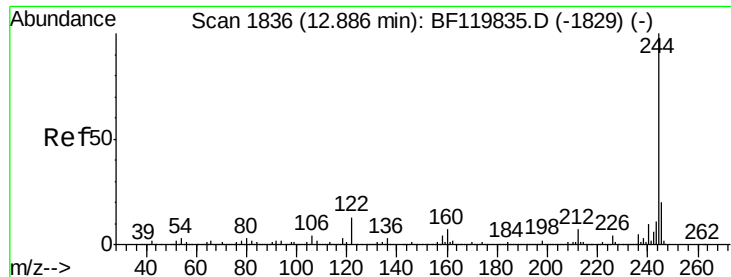
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 90.412 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

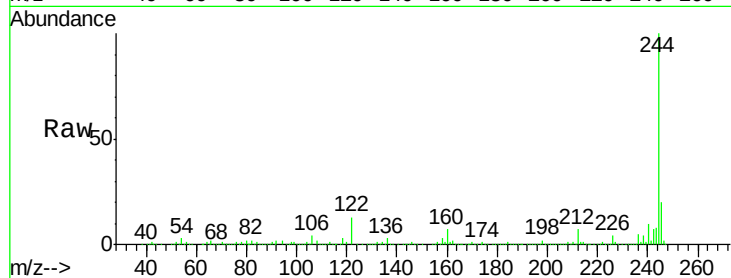
Tot Ion:244 Resp: 2691132

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

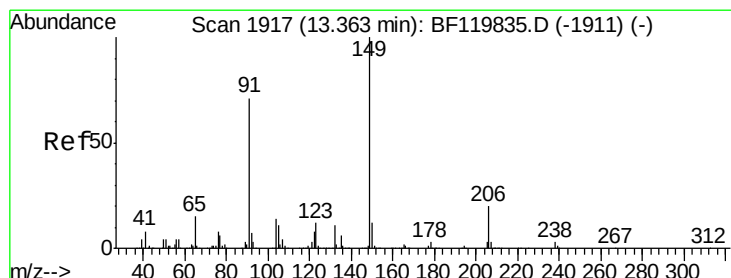
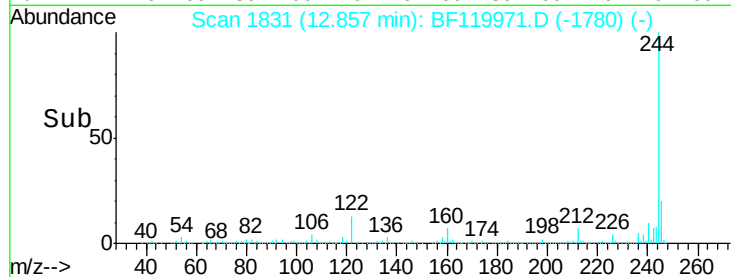
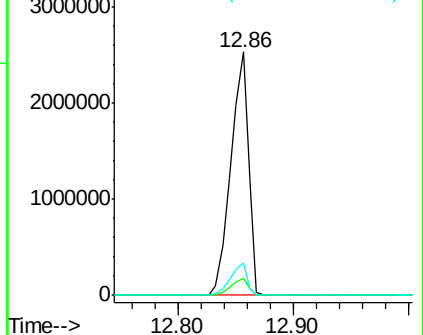
122 13.3 10.3 15.5



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: 45.432 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

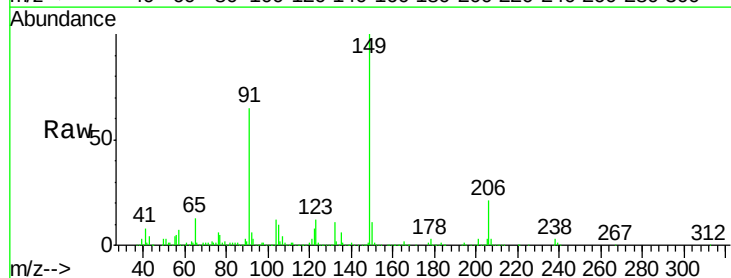
Tgt Ion:149 Resp: 930796

Ion Ratio Lower Upper

149 100

91 64.9 56.7 85.1

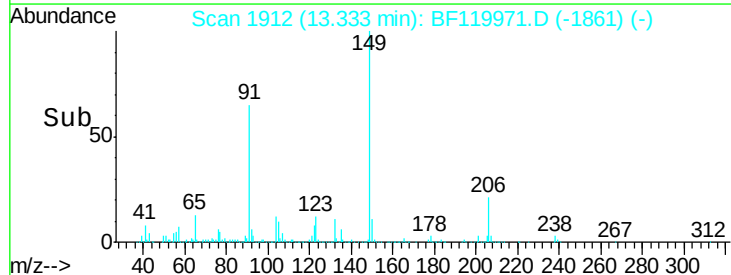
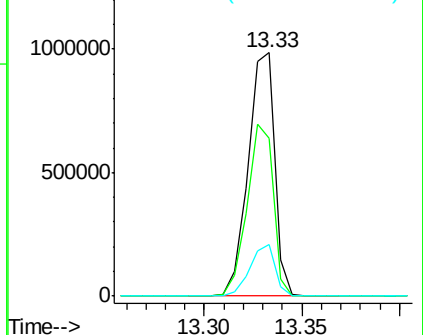
206 21.3 15.7 23.5

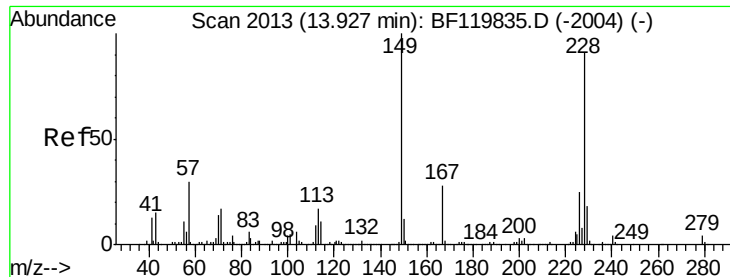


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.046 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

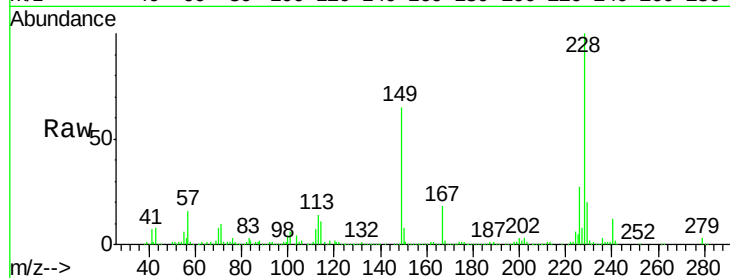
Tot Ion:228 Resp: 1550094

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

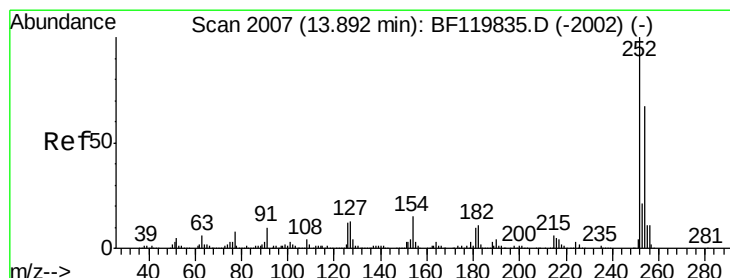
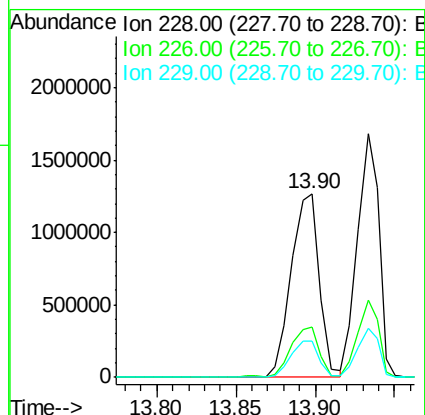
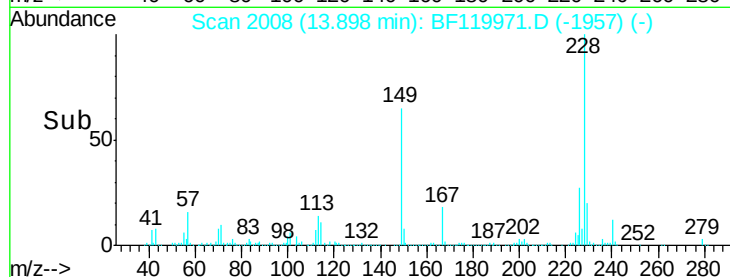
229 19.8 15.9 23.9



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: 39.744 ng

RT: 13.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

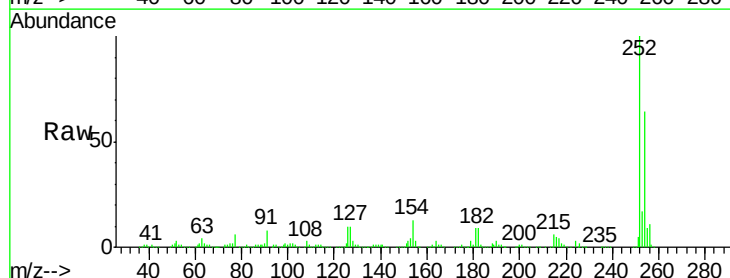
Tgt Ion:252 Resp: 488615

Ion Ratio Lower Upper

252 100

254 64.5 53.9 80.9

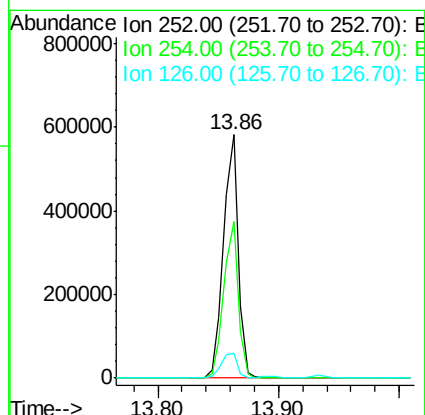
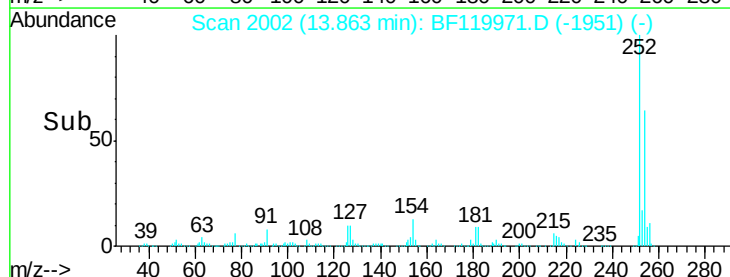
126 10.4 9.7 14.5

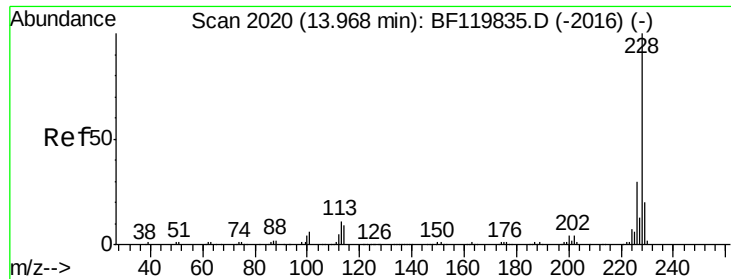


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.590 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

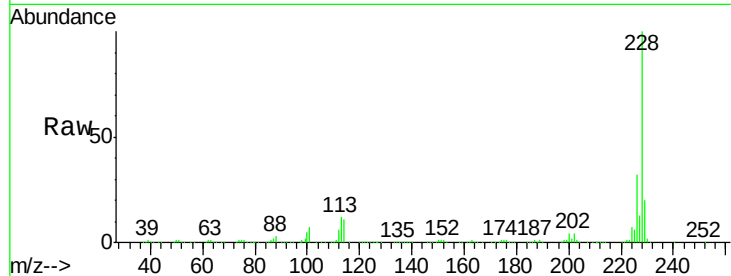
Tot Ion:228 Resp: 1593248

Ion Ratio Lower Upper

228 100

226 31.6 24.2 36.2

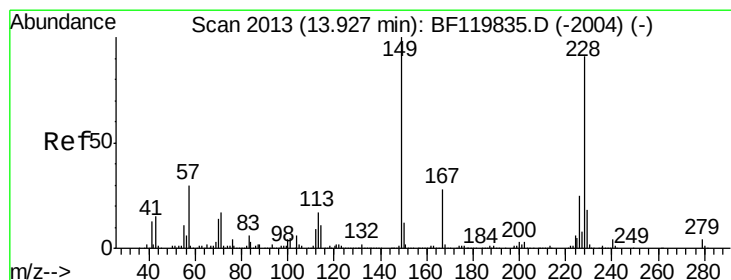
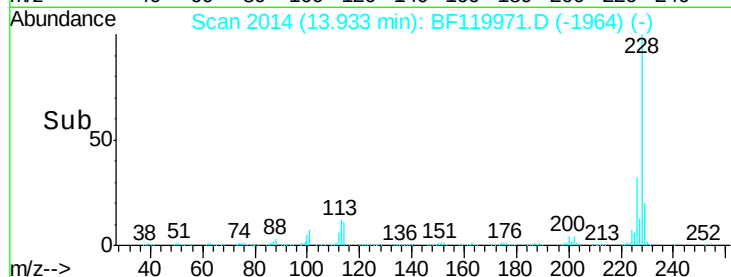
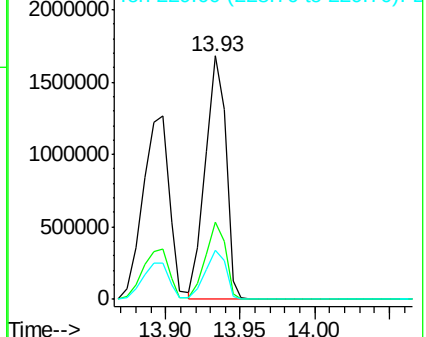
229 20.3 15.9 23.9



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: 44.339 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

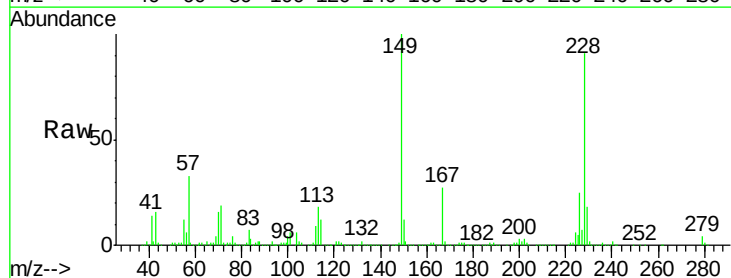
Tgt Ion:149 Resp: 1230145

Ion Ratio Lower Upper

149 100

167 26.9 22.2 33.2

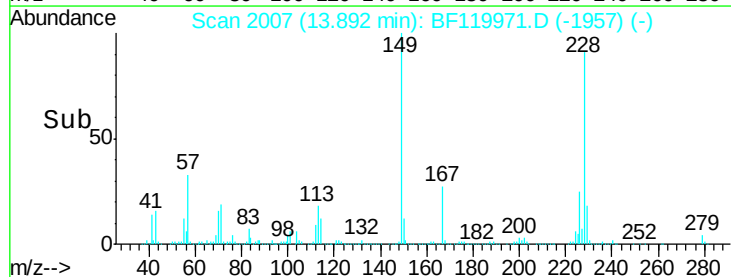
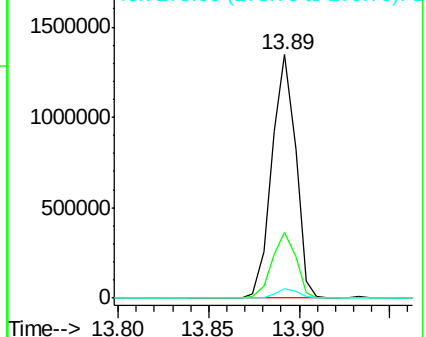
279 3.6 3.4 5.0

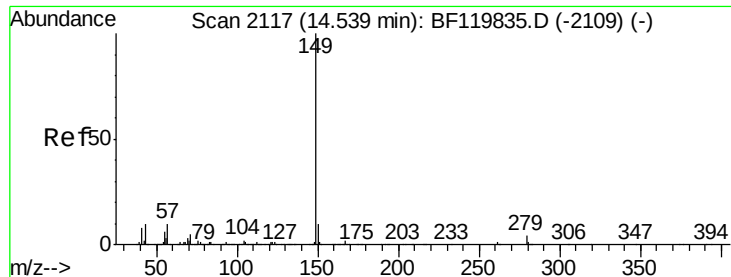


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

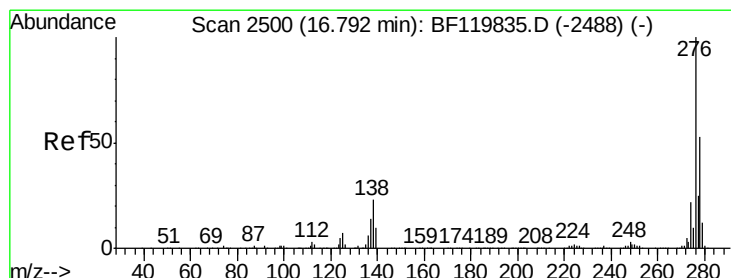
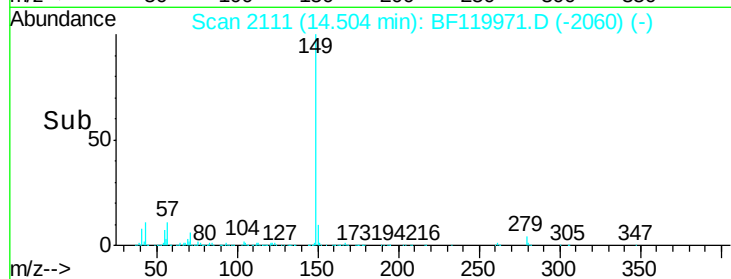
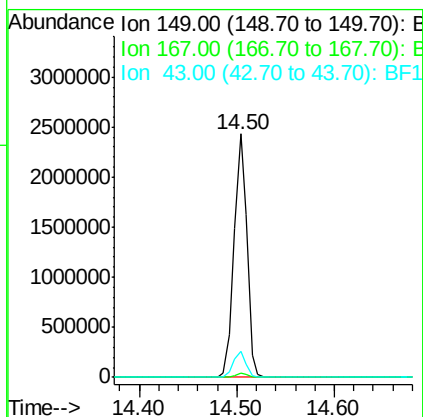
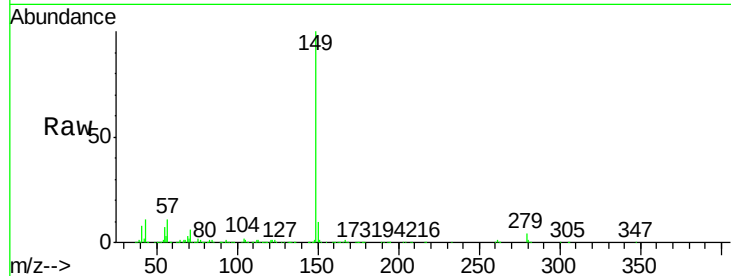




#85
Di-n-octyl phthalate
Concen: 47.090 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

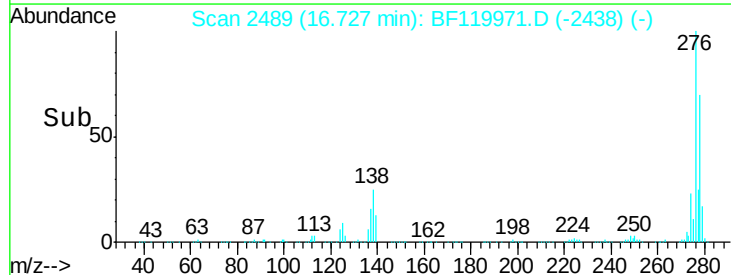
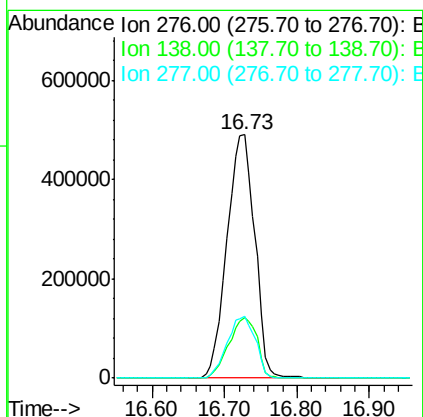
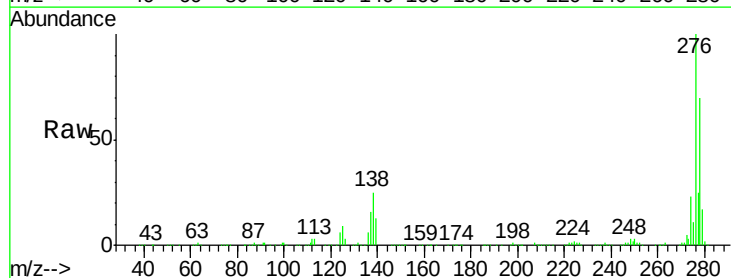
Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

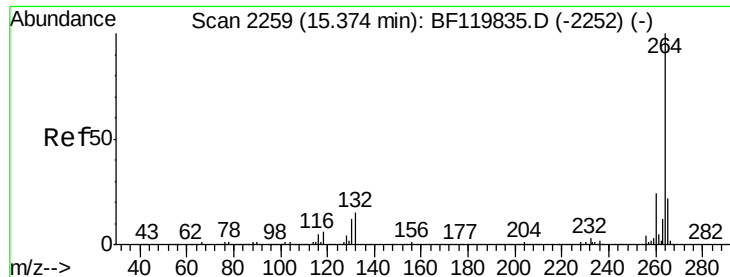
Tot Ion:149 Resp: 2224502
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.5 9.2 13.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.264 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion:276 Resp: 1306291
Ion Ratio Lower Upper
276 100
138 25.4 18.0 27.0
277 25.7 20.1 30.1



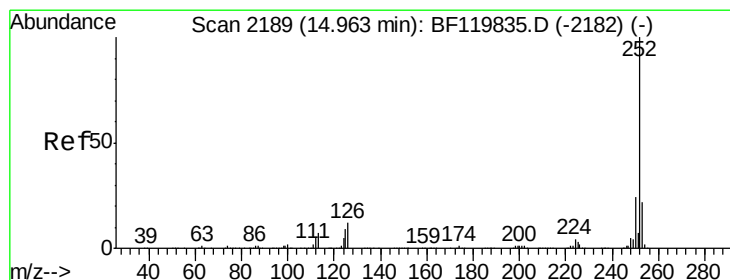
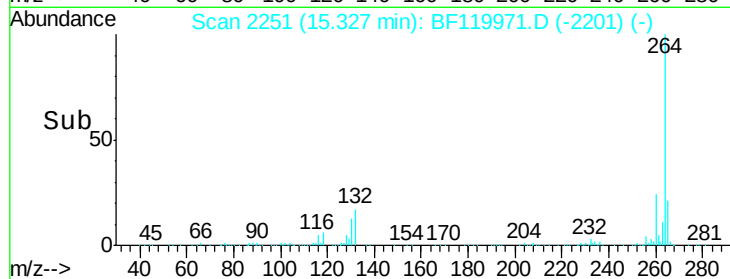
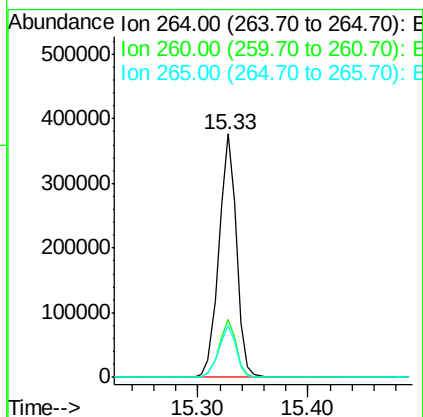
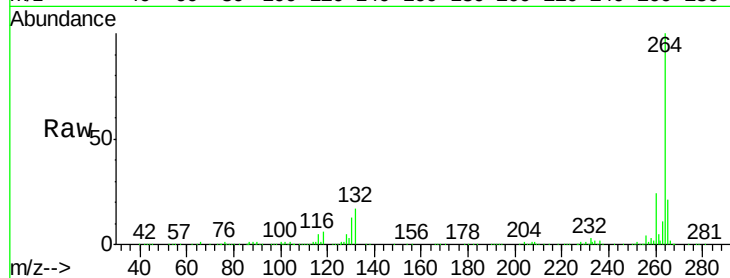


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tot Ion:264 Resp: 416598

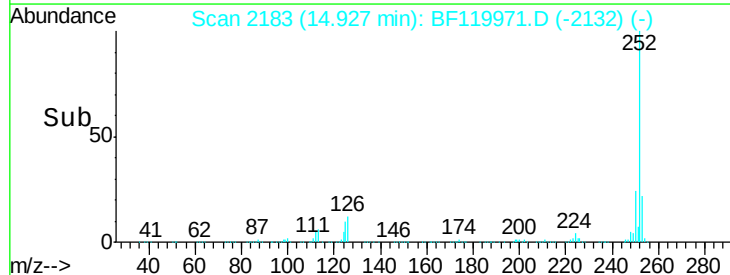
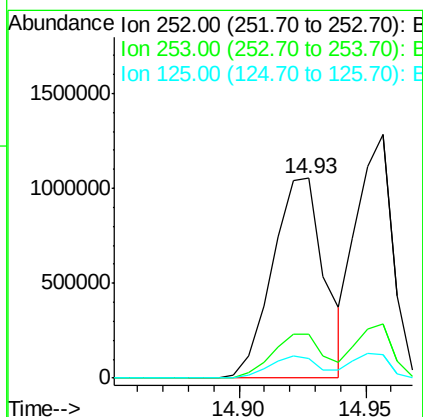
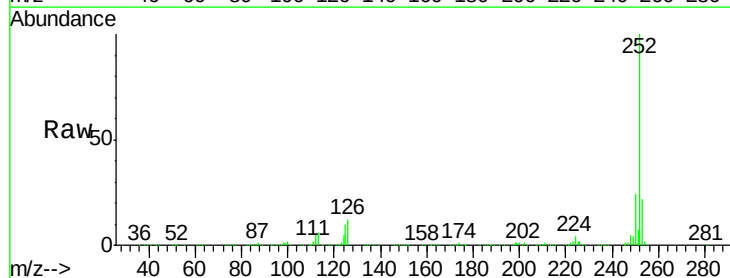
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.0	17.6	26.4

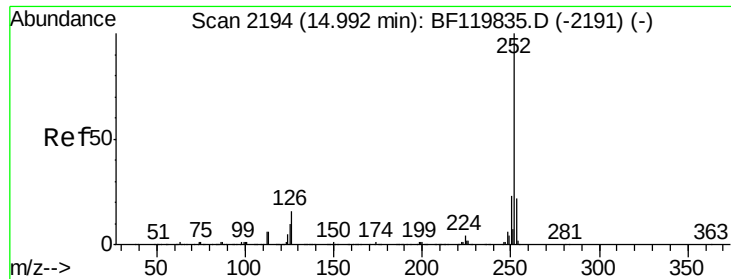


#88
Benzo(b)fluoranthene
Concen: 50.278 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion:252 Resp: 1506790

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.6	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 49.858 ng

RT: 14.96 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

Instrument :

BNA_F

ClientSampleId :

VNJ-223MSD

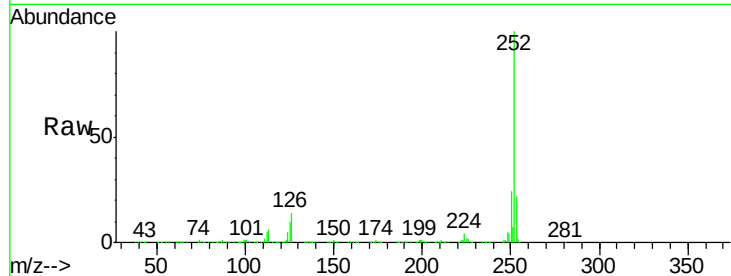
Tot Ion:252 Resp: 1289222

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

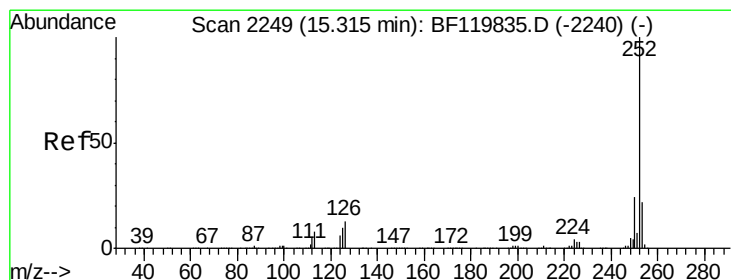
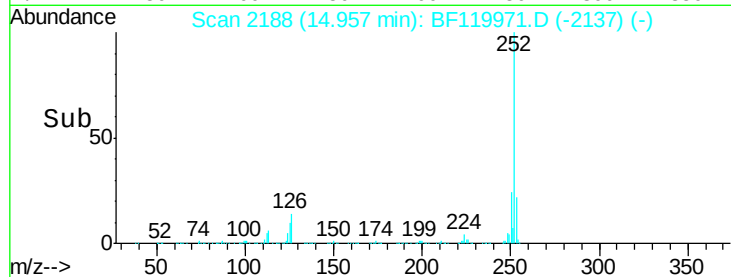
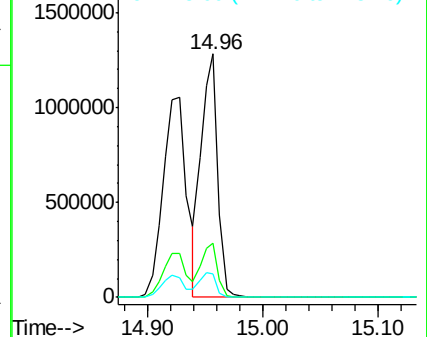
125 9.5 7.7 11.5



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



#90

Benzo(a)pyrene

Concen: 47.812 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.00 min

Lab File: BF119971.D

Acq: 14 Apr 2020 23:57

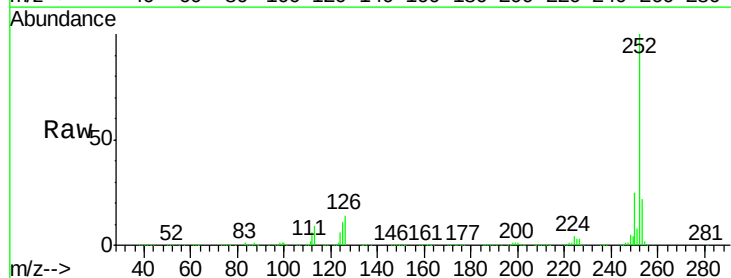
Tgt Ion:252 Resp: 1204756

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

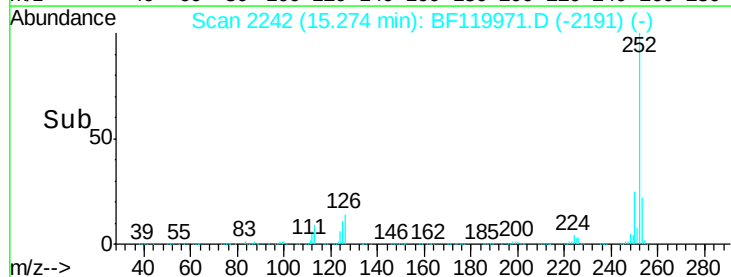
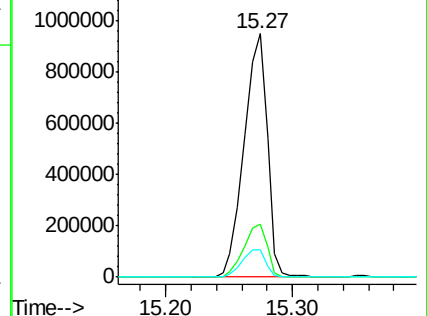
125 11.2 8.3 12.5

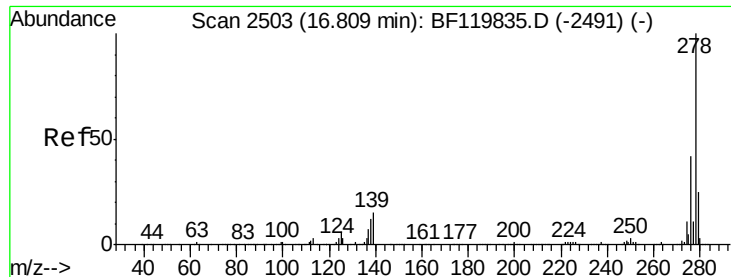


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



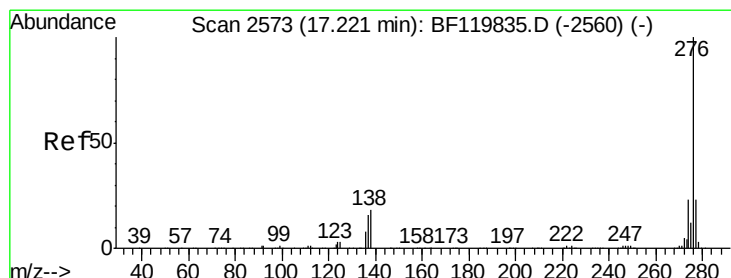
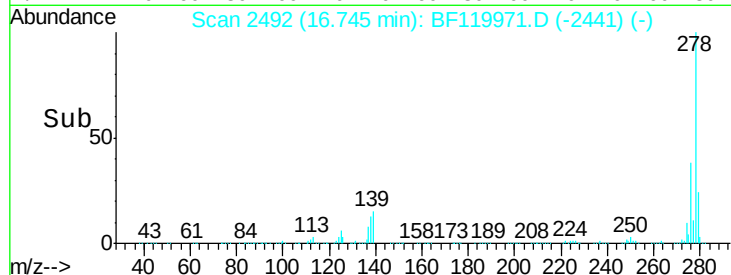
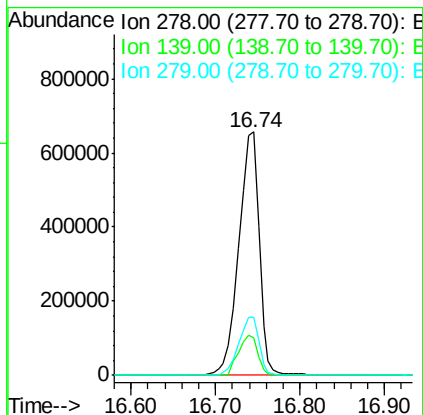
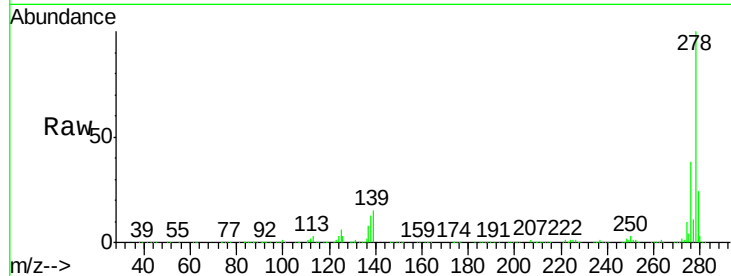


#91
Dibenzo(a,h)anthracene
Concen: 49.069 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.00 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Instrument :
BNA_F
ClientSampleId :
VNJ-223MSD

Tot Ion:278 Resp: 1095234

Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.6	17.4
279	23.9	19.7	29.5



#92
Benzo(g,h,i)perylene
Concen: 48.992 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119971.D
Acq: 14 Apr 2020 23:57

Tgt Ion:276 Resp: 1079406

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	21.7	14.6	22.0

