

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119430.D
 Acq On : 18 Mar 2020 22:24
 Operator : CG/JU
 Sample : L1949-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

Quant Time: Mar 19 01:21:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	374558	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1414910	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	688596	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1224986	20.00	ng	0.00
76) Chrysene-d12	14.02	240	712460	20.00	ng	-0.01
87) Perylene-d12	15.49	264	704161	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2344735	99.65	ng	0.01
7) Phenol-d6	6.47	99	2971666	98.87	ng	0.00
23) Nitrobenzene-d5	7.42	82	1864949	71.63	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	715175	100.67	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3182262	68.46	ng	0.00
79) Terphenyl-d14	12.97	244	2832915	77.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	460	0.04	ng	# 1
4) n-Nitrosodimethylamine	3.29	42	141	0.01	ng	# 1
6) Aniline	6.48	93	579	0.01	ng	# 1
9) Benzaldehyde	6.40	77	286	0.01	ng	# 29
10) Phenol	6.49	94	19592	0.61	ng	# 96
11) bis(2-Chloroethyl)ether	6.48	93	579	0.02	ng	# 1
12) 1,3-Dichlorobenzene	6.87	146	996	0.04	ng	# 85
13) 1,4-Dichlorobenzene	6.87	146	996	0.04	ng	# 96
14) 1,2-Dichlorobenzene	6.87	146	996	0.04	ng	# 96
15) Benzyl Alcohol	7.01	79	31483	1.39	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	7.13	45	106	0.00	ng	# 75
17) 2-Methylphenol	7.02	107	369	0.02	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	249455	13.77	ng	# 76
20) 3+4-Methylphenols	7.25	107	933	0.03	ng	# 80
22) Acetophenone	7.25	105	1221	0.04	ng	# 41
24) Nitrobenzene	7.42	77	5133	0.18	ng	# 28
25) Isophorone	7.42	82	1862497	35.27	ng	# 66
27) 2,4-Dimethylphenol	7.79	122	324	0.01	ng	# 3
28) bis(2-Chloroethoxy)methane	8.15	93	268	0.01	ng	# 19
31) Naphthalene	8.16	128	903	0.01	ng	# 68
32) Benzoic acid	7.79	122	324	0.02	ng	# 61
35) Caprolactam	8.52	113	420	0.06	ng	# 37
37) 2-Methylnaphthalene	8.85	142	287	0.01	ng	# 74
38) 1-Methylnaphthalene	8.95	142	136	0.00	ng	# 49
46) 1,1'-Biphenyl	9.32	154	9764	0.17	ng	# 97
47) 2-Chloronaphthalene	9.61	162	5305	0.12	ng	# 1
48) 2-Nitroaniline	9.33	65	385	0.03	ng	# 9
49) Acenaphthylene	9.76	152	991	0.01	ng	# 65
50) Dimethylphthalate	9.61	163	684154	13.99	ng	# 99
51) 2,6-Dinitrotoluene	9.61	165	7387	0.70	ng	# 4
52) Acenaphthene	9.93	154	384	0.01	ng	# 47
55) Dibenzofuran	10.10	168	243	0.00	ng	# 45
57) 2,4-Dinitrotoluene	9.90	165	91584	6.93	ng	# 25
58) Fluorene	10.69	166	30786	0.68	ng	# 83

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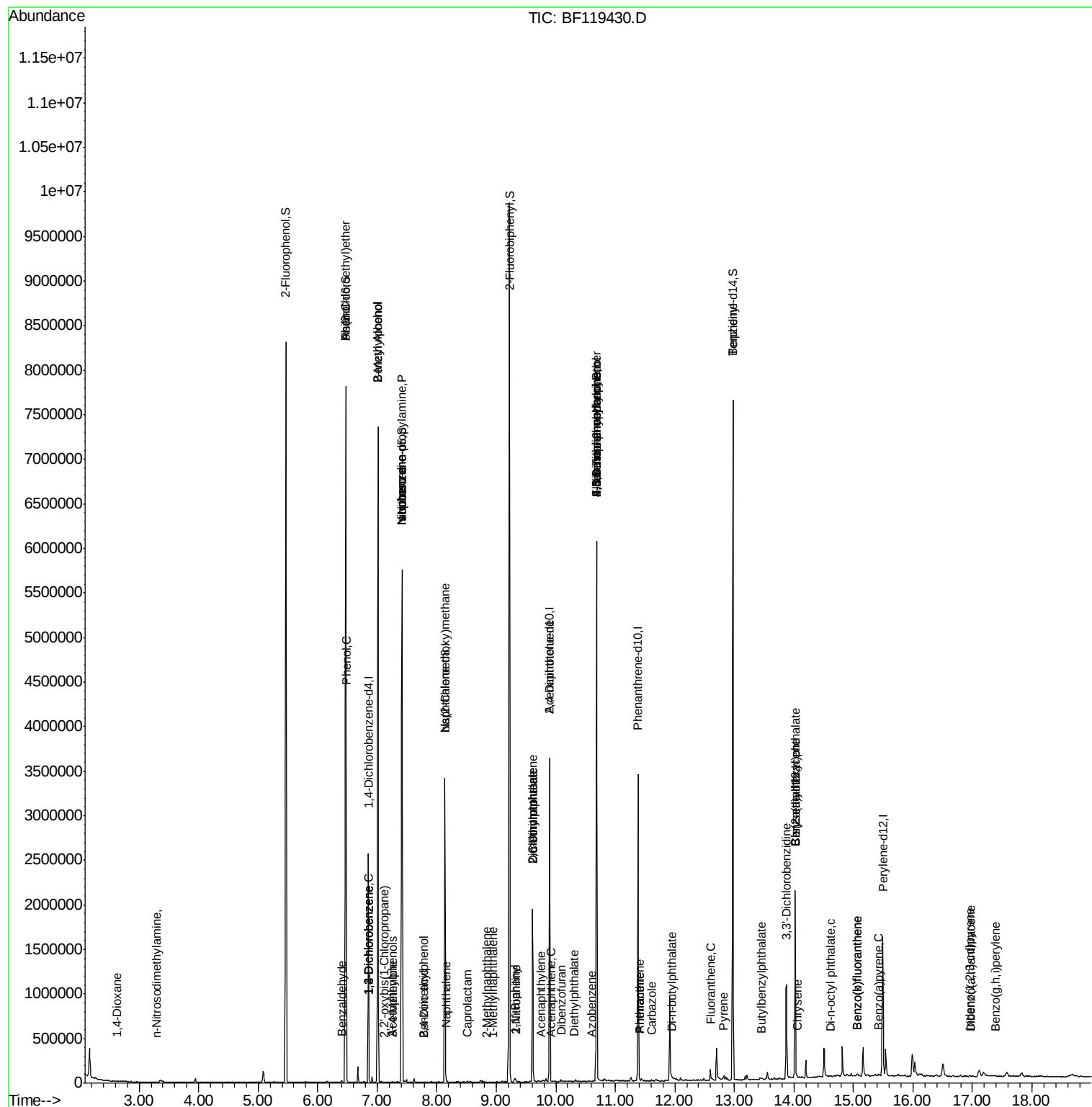
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Diethylphthalate	10.32	149	957	0.02	ng	# 77
63) Azobenzene	10.59	77	281	0.01	ng	# 46
65) 4,6-Dinitro-2-methylphenol	10.69	198	1654	0.32	ng	# 1
66) n-Nitrosodiphenylamine	10.69	169	22441	0.56	ng	# 47
67) 4-Bromophenyl-phenylether	10.69	248	44748	3.21	ng	# 1
71) Phenanthrene	11.41	178	9890	0.16	ng	99
72) Anthracene	11.41	178	9890	0.15	ng	99
73) Carbazole	11.61	167	1162	0.02	ng	# 49
74) Di-n-butylphthalate	11.95	149	4030	0.06	ng	# 95
75) Fluoranthene	12.60	202	23507	0.34	ng	98
77) Benzidine	12.97	184	35593	1.18	ng	# 92
78) Pyrene	12.83	202	19935	0.34	ng	96
80) Butylbenzylphthalate	13.45	149	1369	0.06	ng	# 71
81) Benzo(a)anthracene	14.02	228	10465	0.23	ng	97
82) 3,3'-Dichlorobenzidine	13.87	252	451	0.02	ng	# 1
83) Chrysene	14.05	228	9712	0.20	ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	15589	0.55	ng	94
85) Di-n-octyl phthalate	14.62	149	1485	0.03	ng	# 70
86) Indeno(1,2,3-cd)pyrene	16.95	276	5598	0.12	ng	98
88) Benzo(b)fluoranthene	15.06	252	15606	0.33	ng	# 81
89) Benzo(k)fluoranthene	15.06	252	15606	0.35	ng	# 81
90) Benzo(a)pyrene	15.43	252	7798	0.18	ng	# 91
91) Dibenzo(a,h)anthracene	16.97	278	1544	0.04	ng	# 65
92) Benzo(g,h,i)perylene	17.40	276	6671	0.18	ng	95

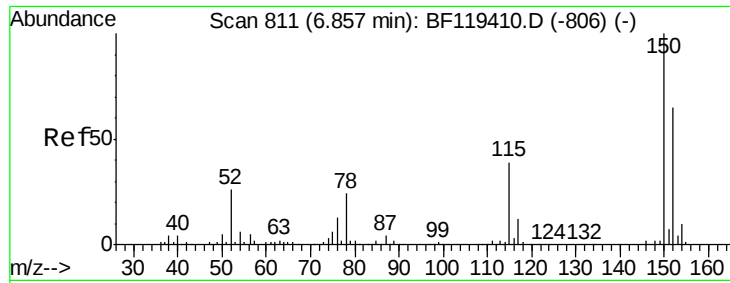
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

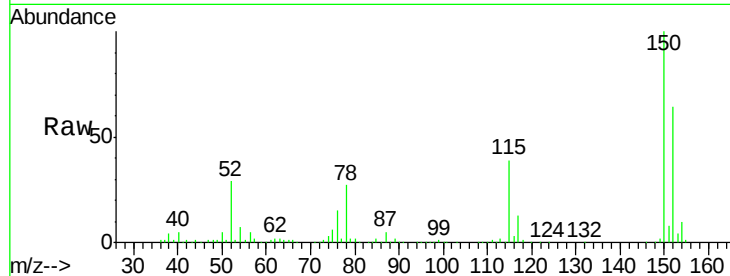
Tgt Ion: 152 Resp: 374558

Ion Ratio Lower Upper

152 100

150 157.4 123.9 185.9

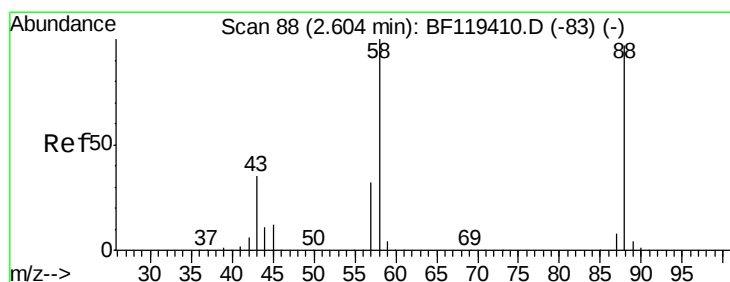
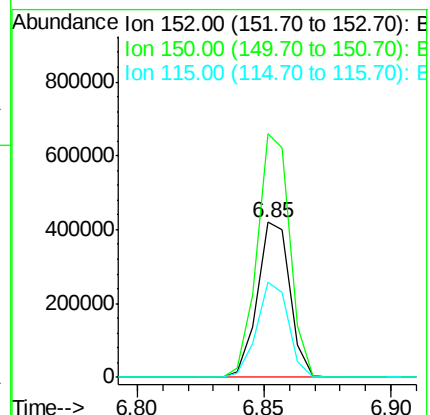
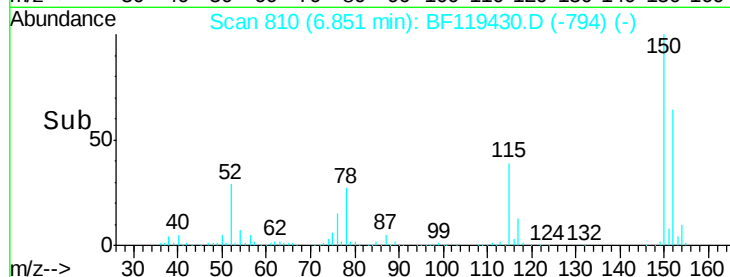
115 61.9 47.8 71.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.04 ng

RT: 2.64 min Scan# 94

Delta R.T. 0.04 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

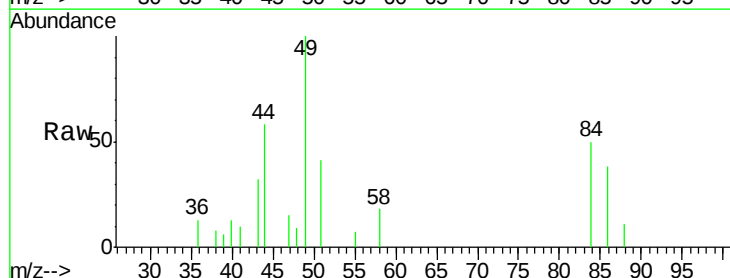
Tgt Ion: 88 Resp: 460

Ion Ratio Lower Upper

88 100

58 256.7 79.4 119.2#

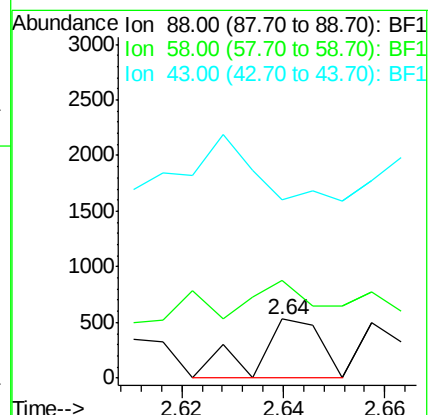
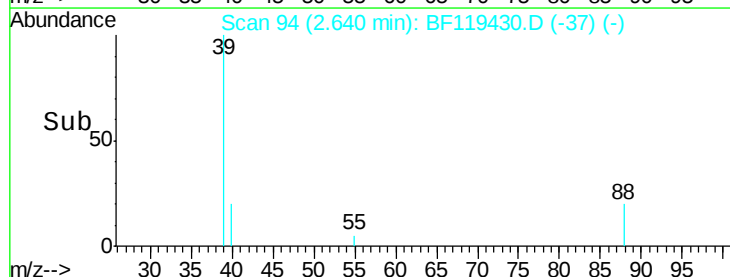
43 74.8 28.4 42.6#

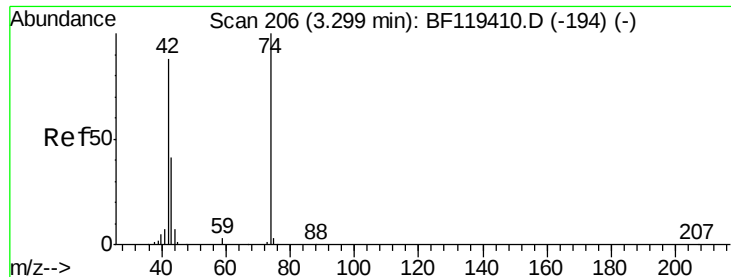


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#4

n-Nitrosodimethylamine

Concen: 0.01 ng

RT: 3.29 min Scan# 205

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

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VNJ-219

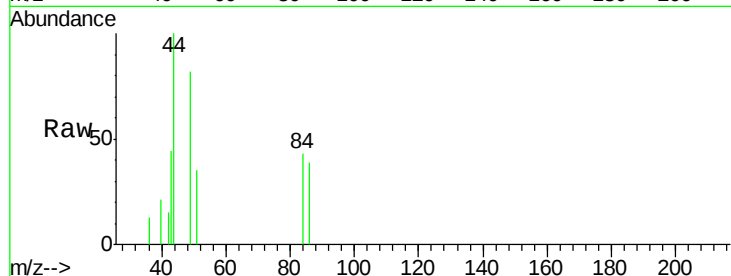
Tgt Ion: 42 Resp: 141

Ion Ratio Lower Upper

42 100

74 0.0 91.3 136.9#

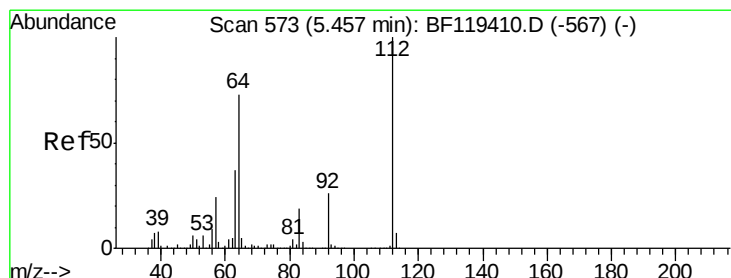
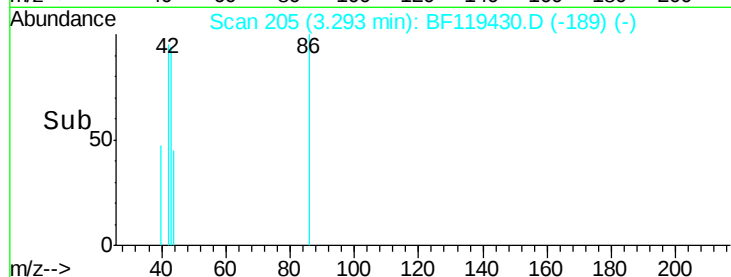
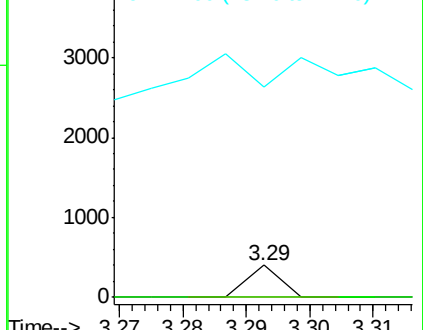
44 659.5 7.1 10.7#



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1



#5

2-Fluorophenol

Concen: 99.65 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

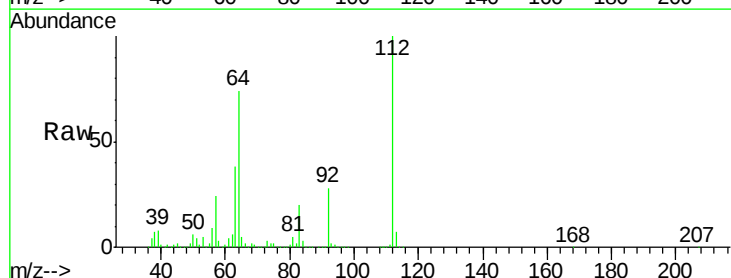
Tgt Ion: 112 Resp: 2344735

Ion Ratio Lower Upper

112 100

64 74.0 58.1 87.1

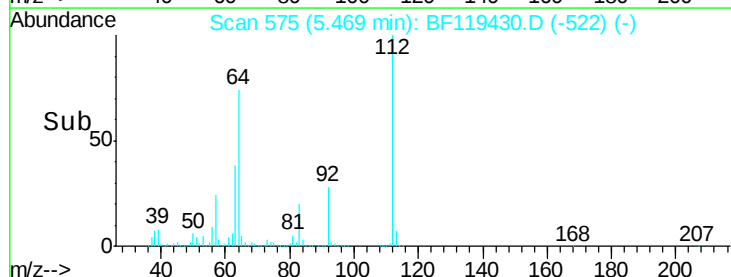
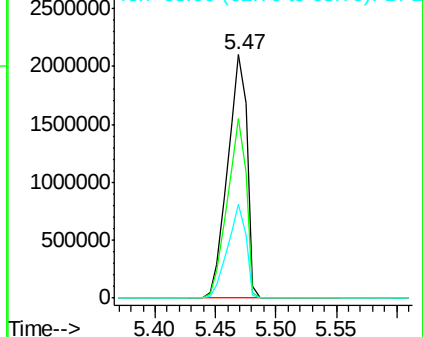
63 38.5 29.7 44.5

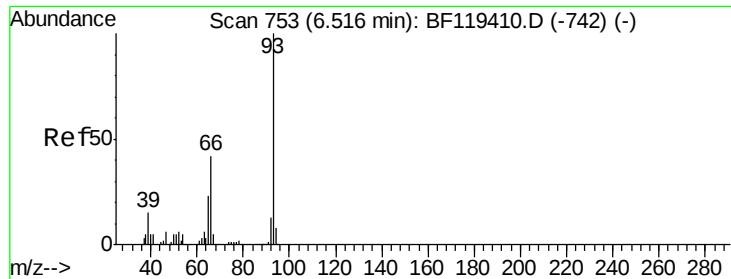


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 0.01 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.04 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

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ClientSampleId :

VNJ-219

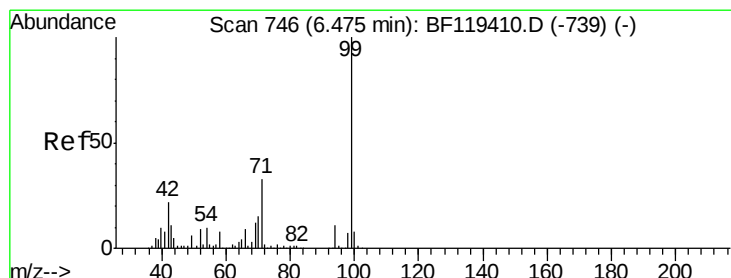
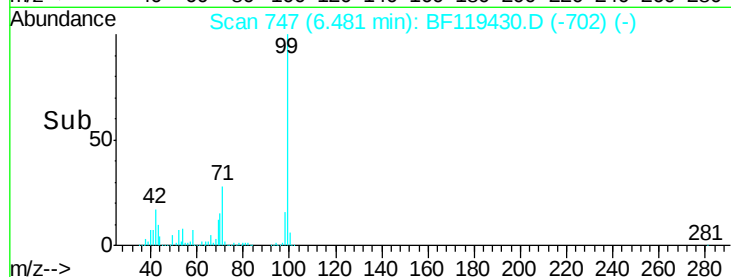
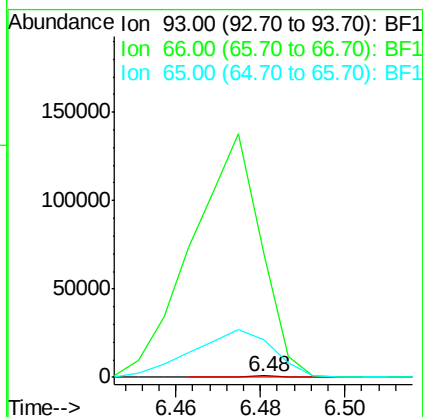
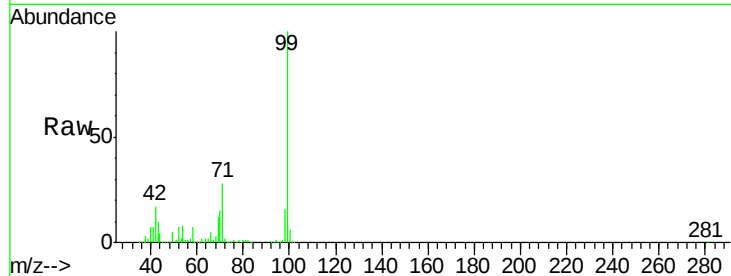
Tgt Ion: 93 Resp: 579

Ion Ratio Lower Upper

93 100

66 10017.9 34.2 51.4#

65 3054.5 18.2 27.4#



#7

Phenol-d6

Concen: 98.87 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

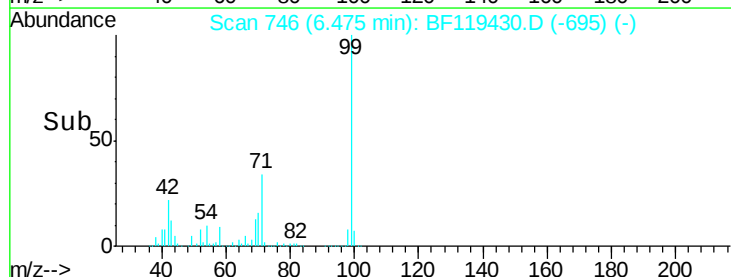
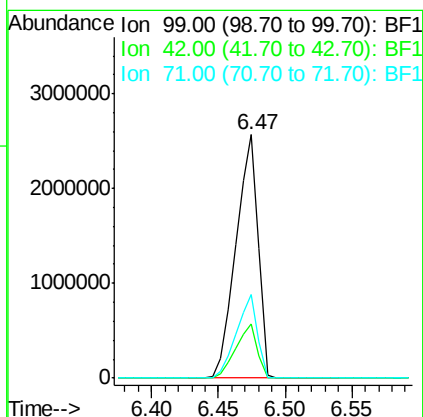
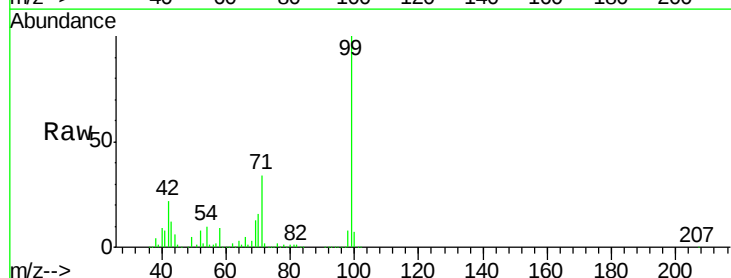
Tgt Ion: 99 Resp: 2971666

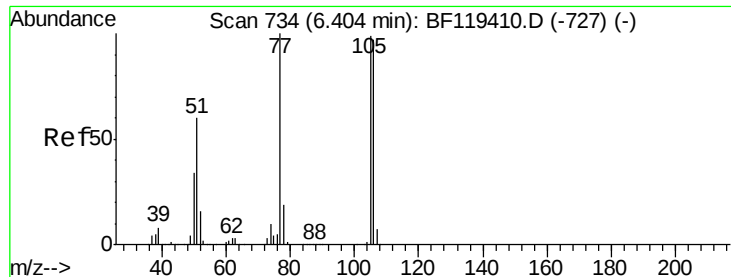
Ion Ratio Lower Upper

99 100

42 22.1 17.8 26.6

71 34.2 26.0 39.0





#9

Benzaldehyde

Concen: 0.01 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampled :

VNJ-219

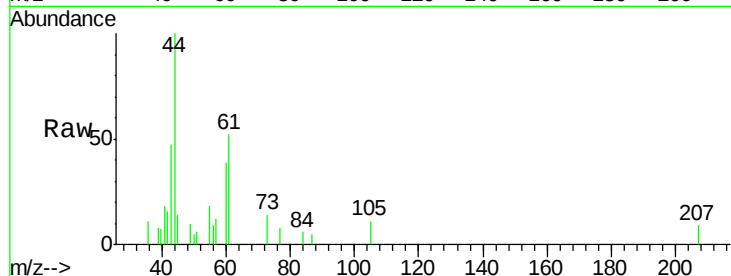
Tgt Ion: 77 Resp: 286

Ion Ratio Lower Upper

77 100

105 143.0 78.6 118.6#

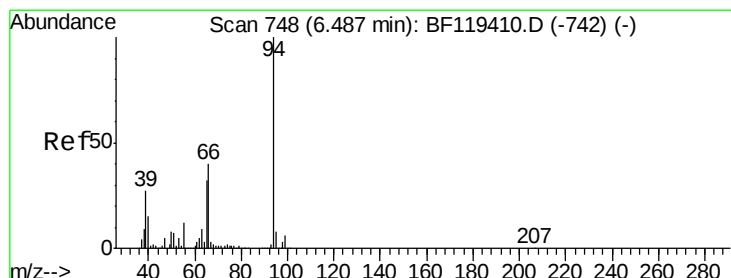
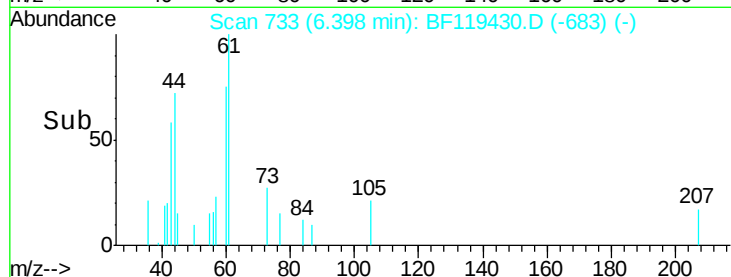
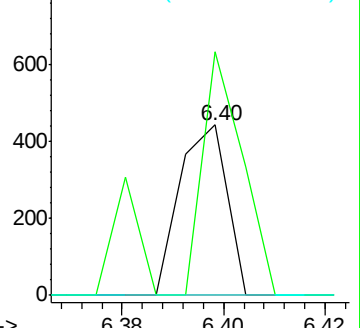
106 0.0 76.5 116.5#



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: 0.61 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

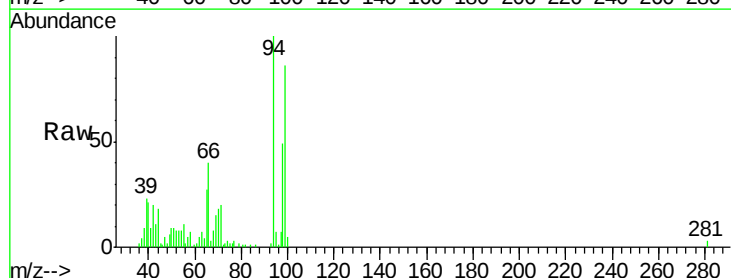
Tgt Ion: 94 Resp: 19592

Ion Ratio Lower Upper

94 100

65 26.9 12.0 52.0

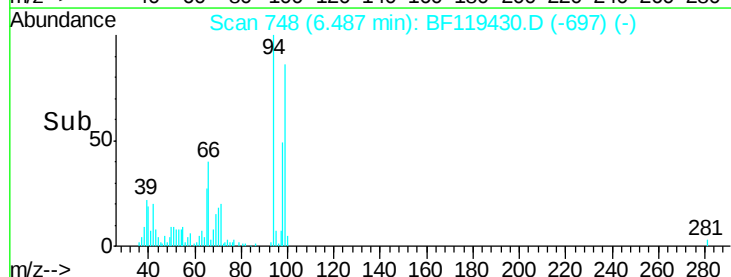
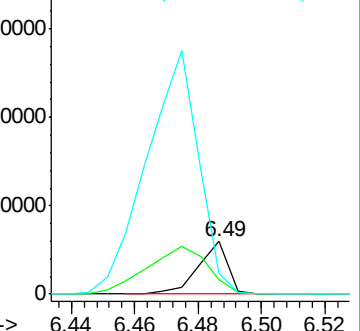
66 40.2 20.6 60.6

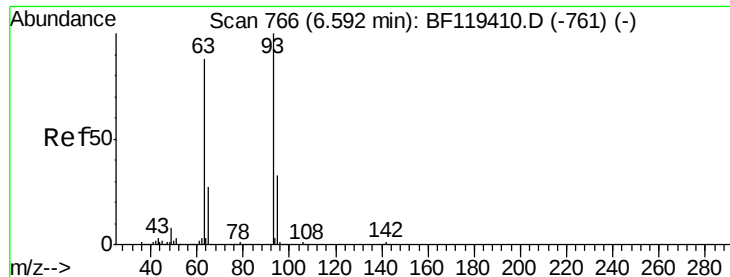


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

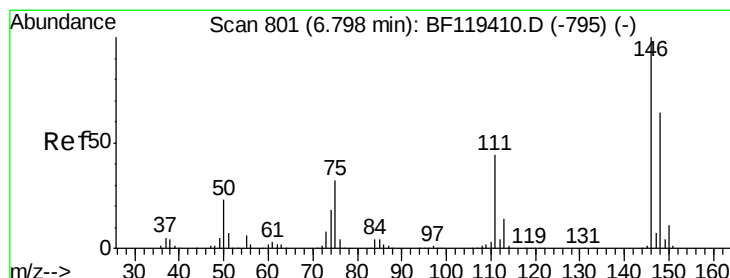
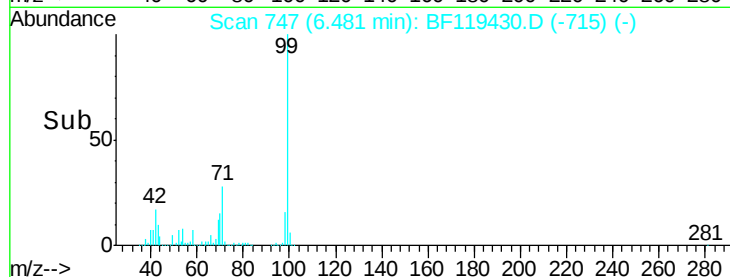
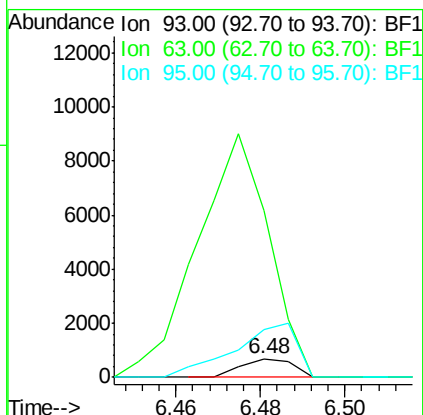
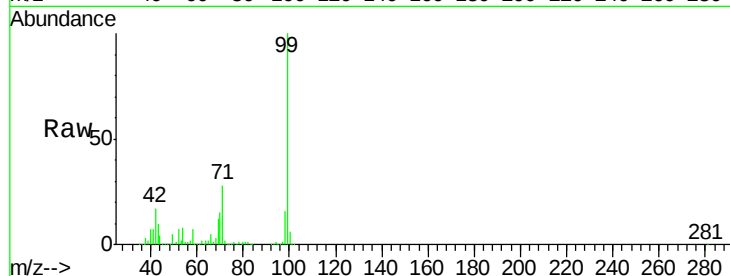




#11
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.11 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

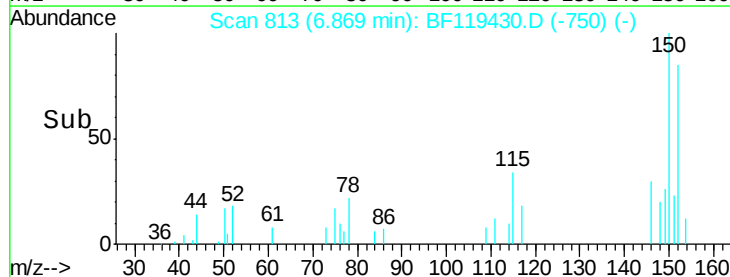
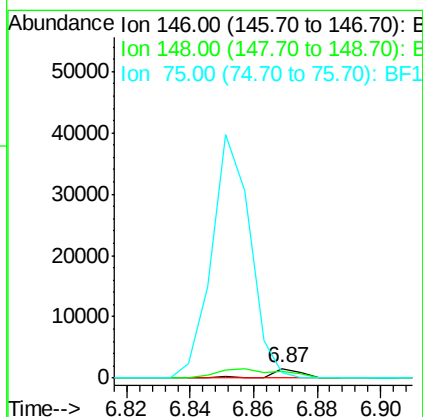
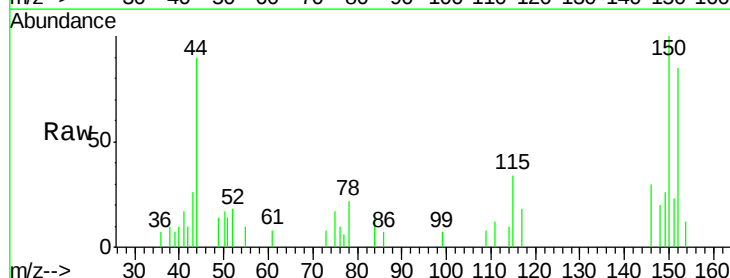
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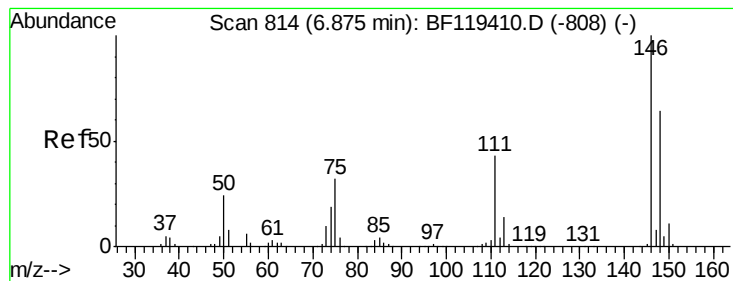
Tgt Ion: 93 Resp: 579
Ion Ratio Lower Upper
93 100
63 890.9 68.4 108.4#
95 253.4 13.4 53.4#



#12
1,3-Dichlorobenzene
Concen: 0.04 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.07 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

Tgt Ion: 146 Resp: 996
Ion Ratio Lower Upper
146 100
148 65.6 51.4 77.0
75 55.4 25.8 38.8#





#13

1,4-Dichlorobenzene

Concen: 0.04 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

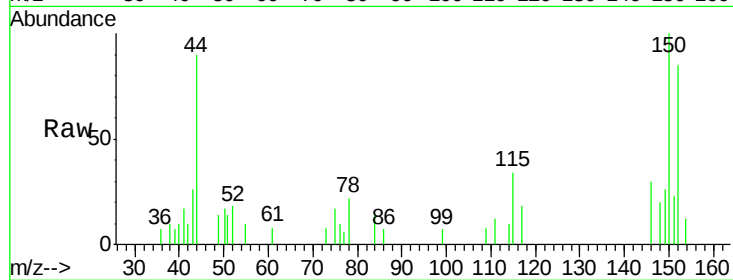
Tgt Ion:146 Resp: 996

Ion Ratio Lower Upper

146 100

148 65.6 50.9 76.3

111 39.9 34.6 52.0

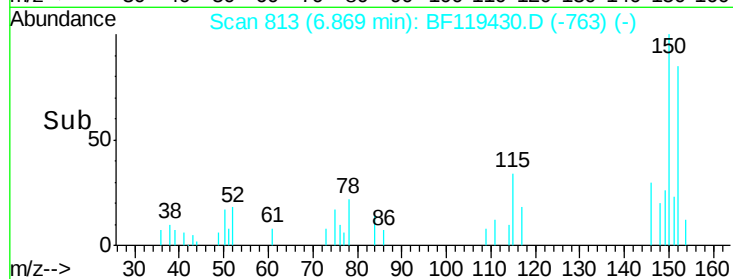


Abundance Ion 146.00 (145.70 to 146.70): E

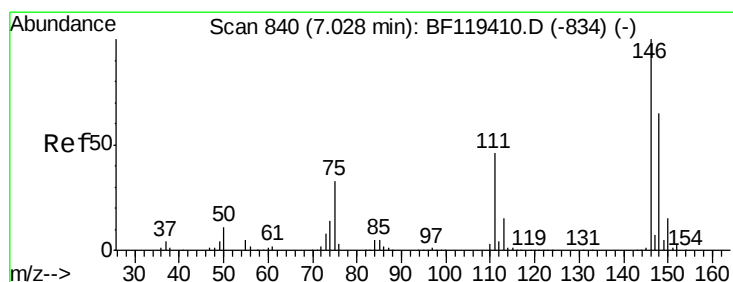
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

Time-->



Time-->



#14

1,2-Dichlorobenzene

Concen: 0.04 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.16 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

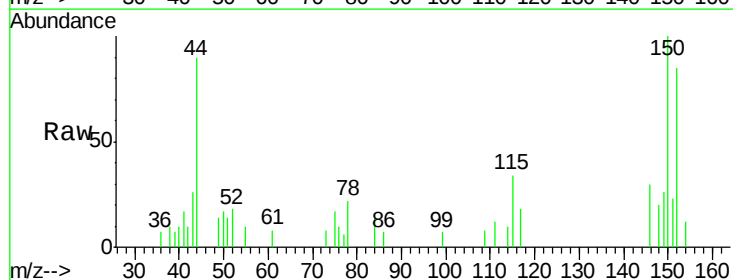
Tgt Ion:146 Resp: 996

Ion Ratio Lower Upper

146 100

148 65.6 51.7 77.5

111 39.9 36.4 54.6

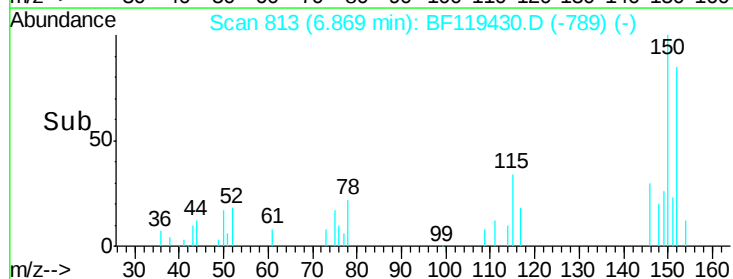


Abundance Ion 146.00 (145.70 to 146.70): E

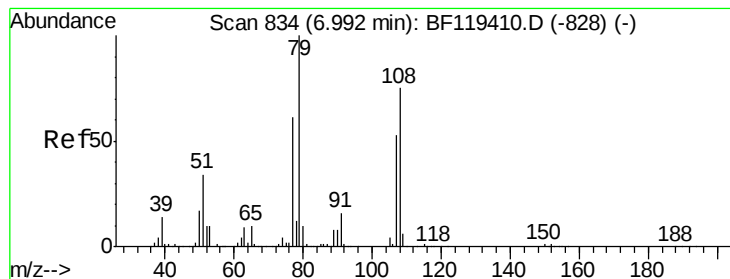
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

Time-->



Time-->



#15

Benzyl Alcohol

Concen: 1.39 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.02 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

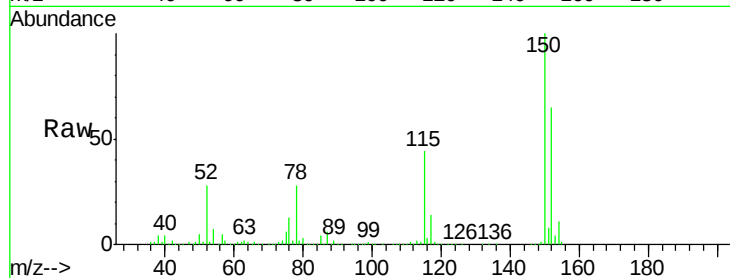
Tgt Ion: 79 Resp: 31483

Ion Ratio Lower Upper

79 100

108 25.1 60.4 90.6#

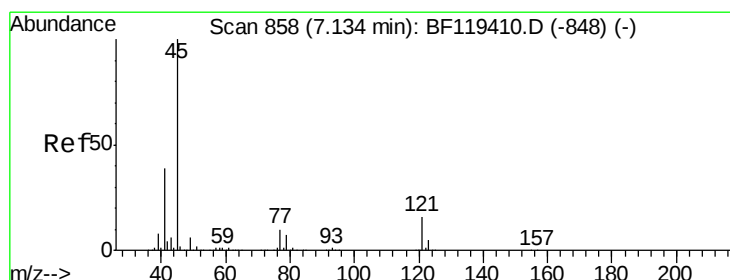
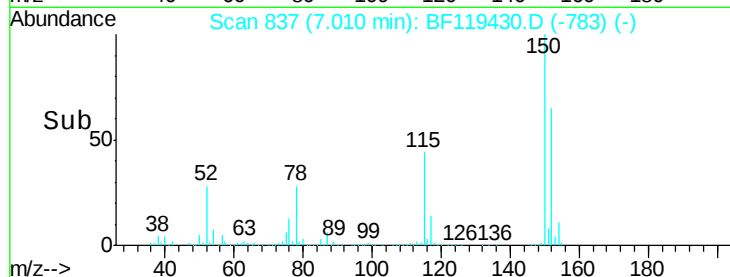
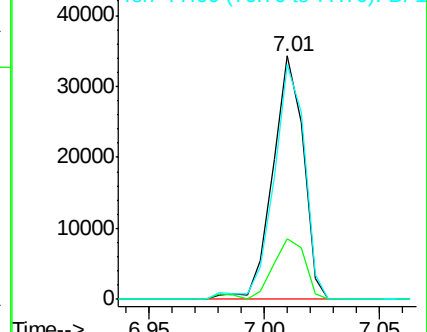
77 96.3 49.0 73.4#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.00 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

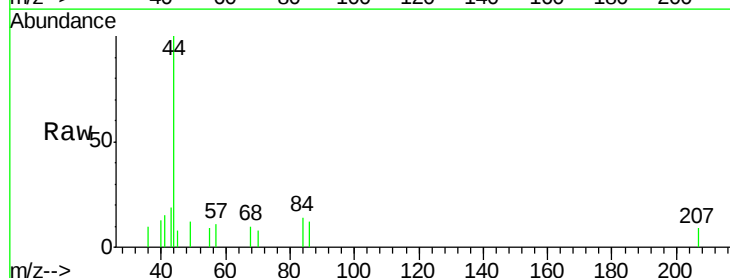
Tgt Ion: 45 Resp: 106

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.1

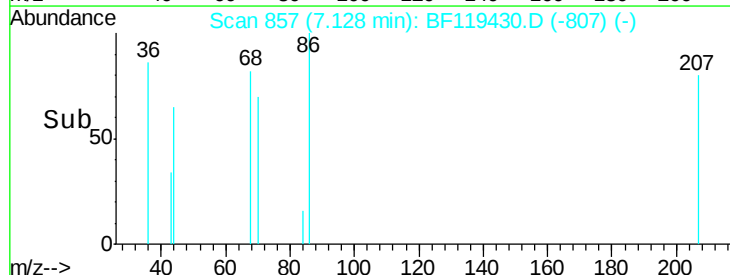
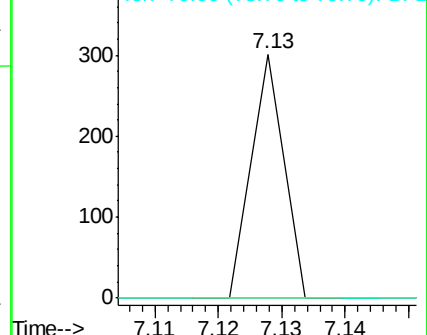
79 0.0 0.0 27.4

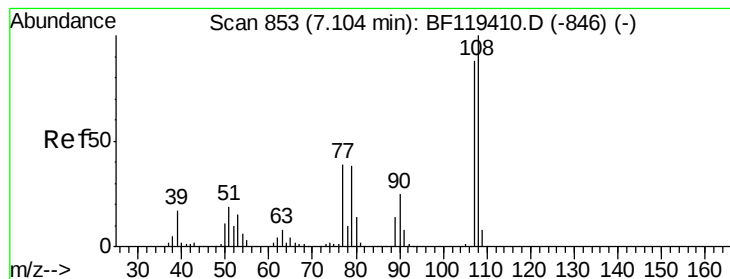


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 0.02 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.09 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

Tgt Ion: 107 Resp: 369

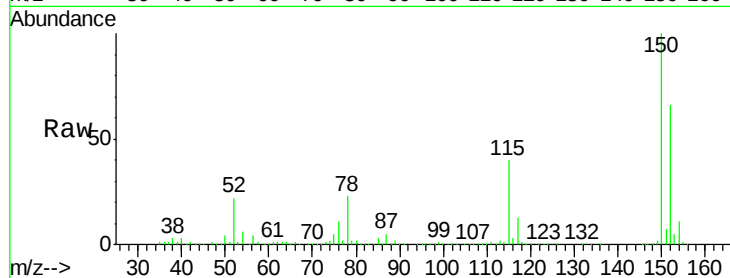
Ion Ratio Lower Upper

107 100

108 1121.2 90.7 136.1#

77 4084.3 35.6 53.4#

79 3869.8 34.7 52.1#



Abundance

Ion 107.00 (106.70 to 107.70): E

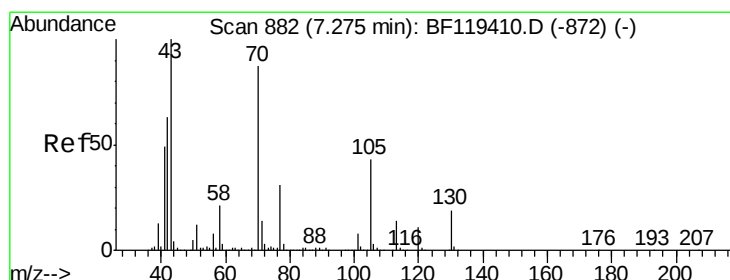
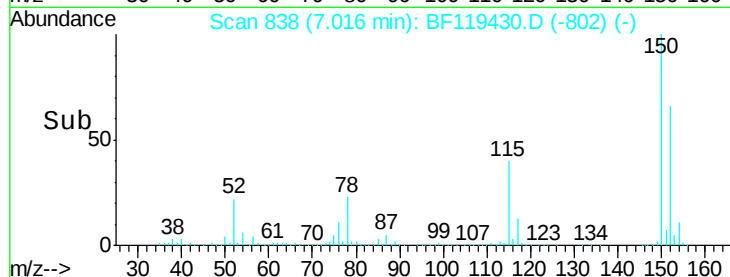
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->

7.00 7.01 7.02 7.03



#19

n-Nitroso-di-n-propylamine

Concen: 13.77 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Tgt Ion: 70 Resp: 249455

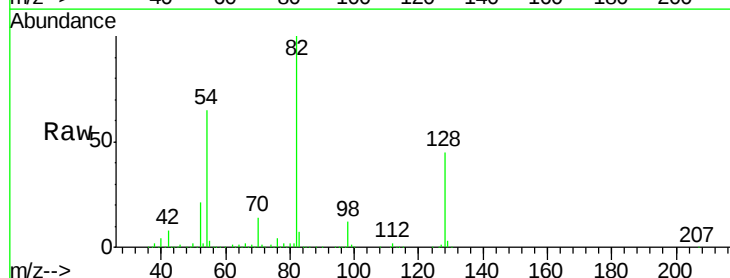
Ion Ratio Lower Upper

70 100

42 56.9 58.2 87.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.8#



Abundance

Ion 70.00 (69.70 to 70.70): BF1

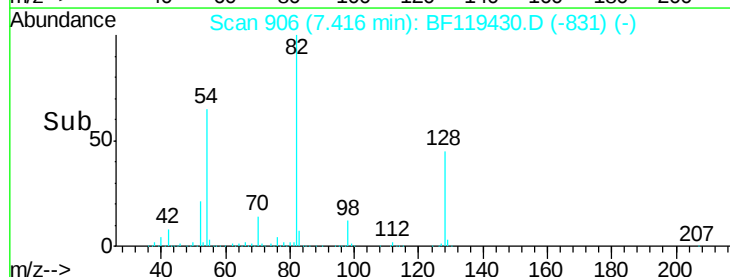
Ion 42.00 (41.70 to 42.70): BF1

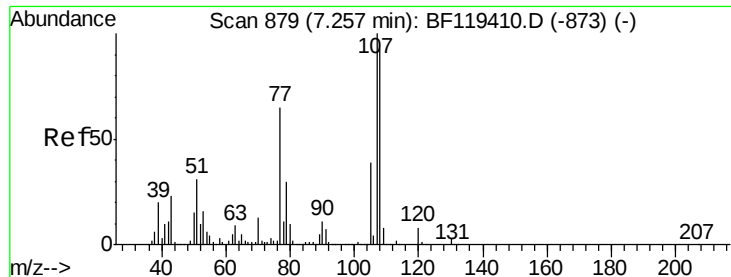
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time-->

7.35 7.40 7.45

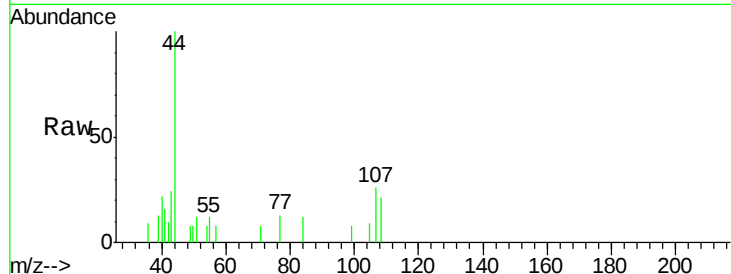




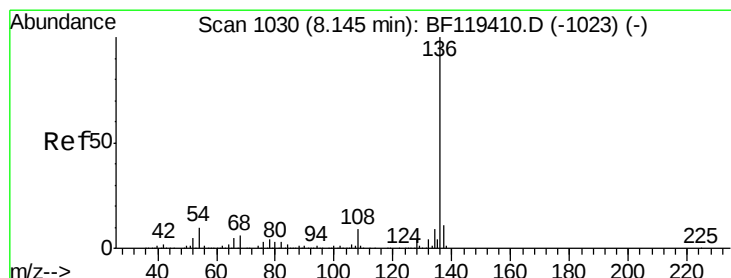
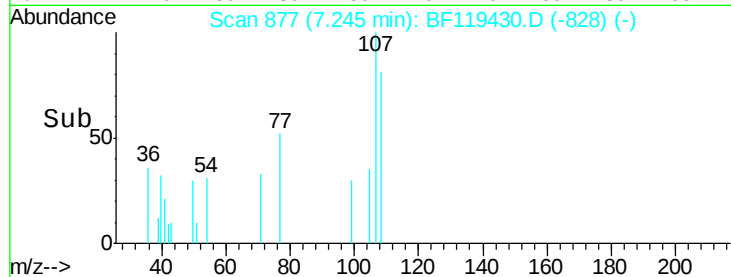
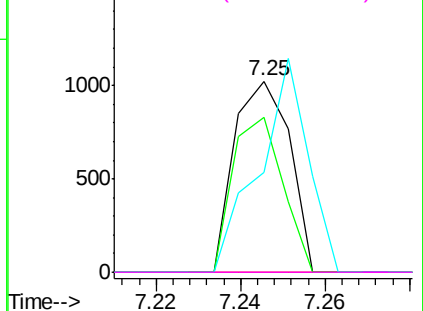
#20
3+4-Methylphenols
Concen: 0.03 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

Instrument :
BNA_F
ClientSampleId :
VNJ-219

Tgt Ion:107 Resp: 933
Ion Ratio Lower Upper
107 100
108 81.0 72.6 112.6
77 52.3 44.7 84.7
79 0.0 10.2 50.2#

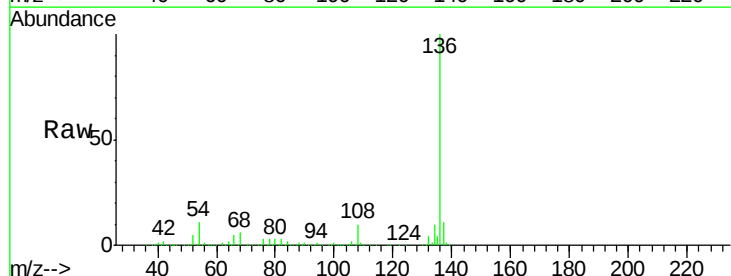


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

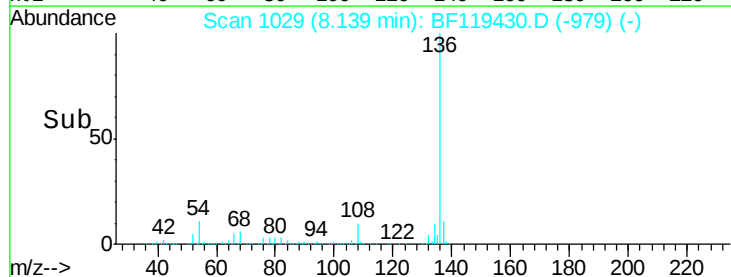
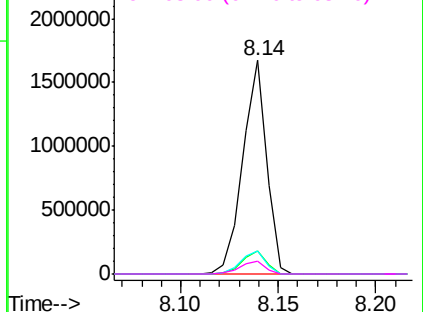


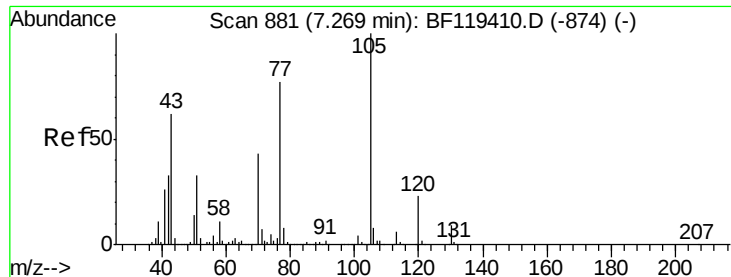
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

Tgt Ion:136 Resp: 1414910
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 10.9 8.3 12.5
68 5.9 4.9 7.3



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: 0.04 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

Tgt Ion: 105 Resp: 1221

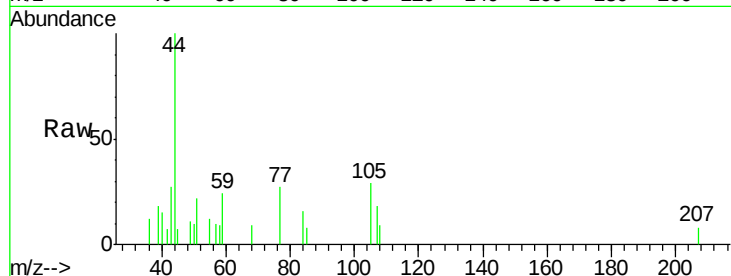
Ion Ratio Lower Upper

105 100

71 0.0 5.8 8.6#

51 75.9 26.8 40.2#

120 0.0 18.0 27.0#

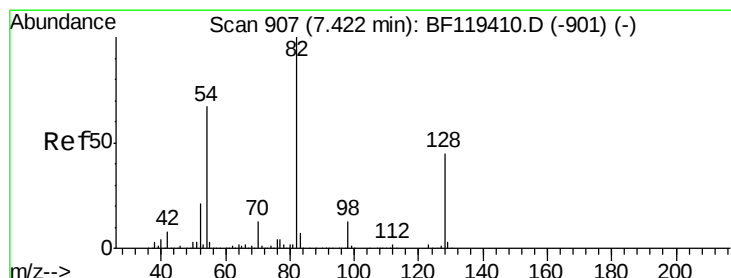
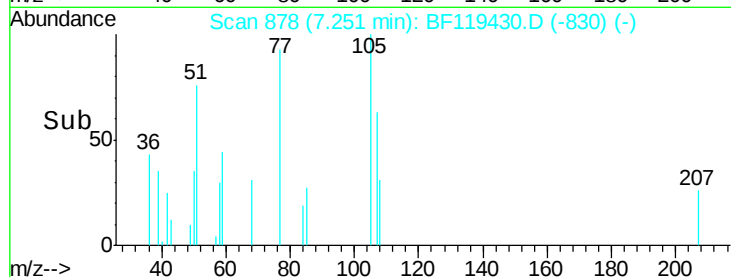
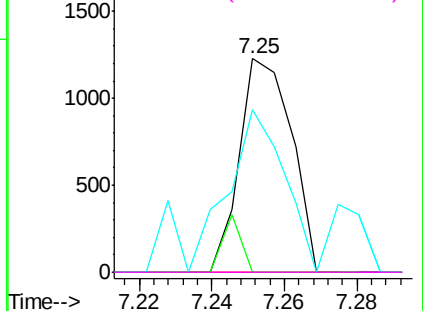


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 71.63 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

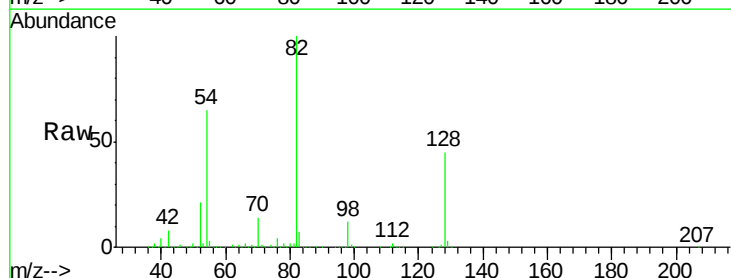
Tgt Ion: 82 Resp: 1864949

Ion Ratio Lower Upper

82 100

128 44.7 35.8 53.8

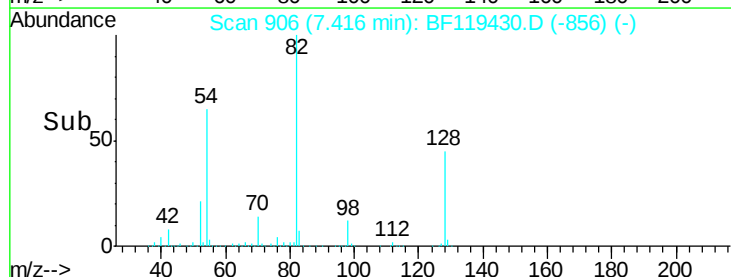
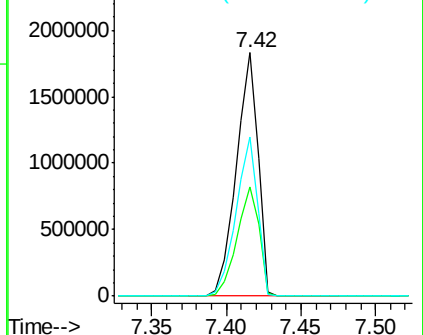
54 65.3 53.4 80.0

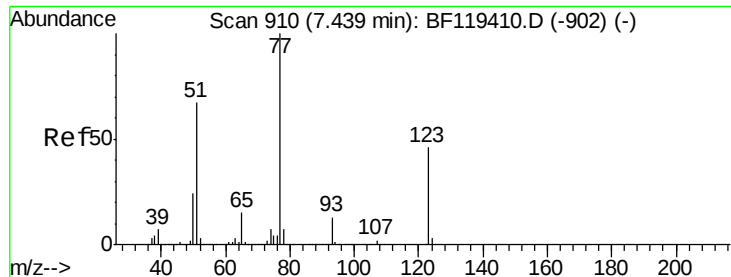


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 0.18 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

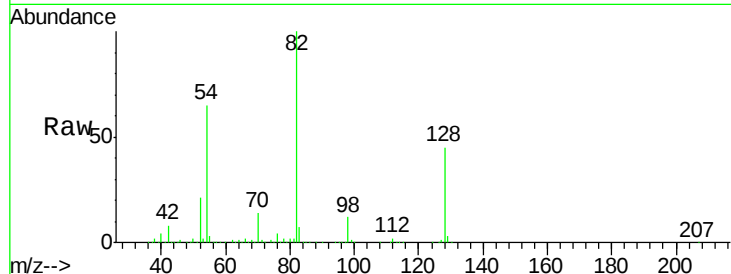
Tgt Ion: 77 Resp: 5133

Ion Ratio Lower Upper

77 100

123 0.0 36.9 55.3#

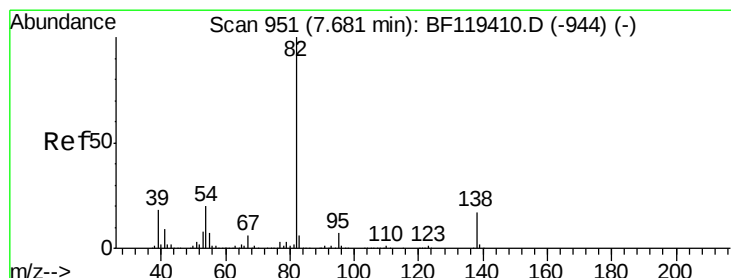
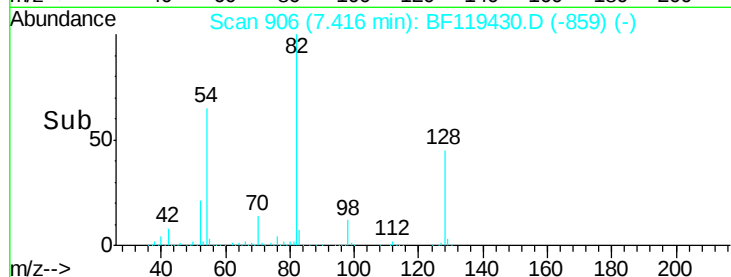
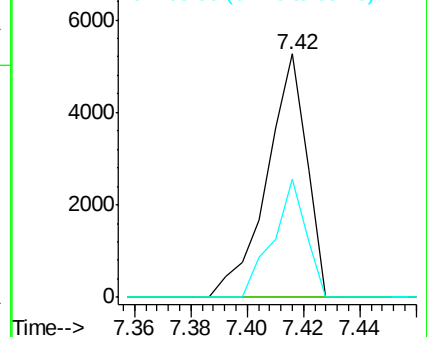
65 48.7 12.2 18.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 35.27 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

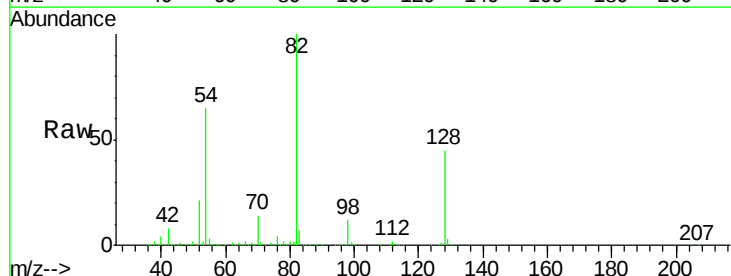
Tgt Ion: 82 Resp: 1862497

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

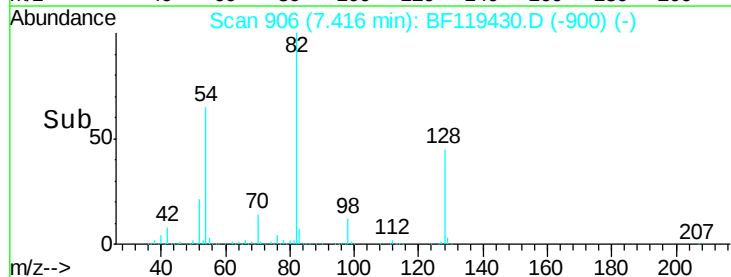
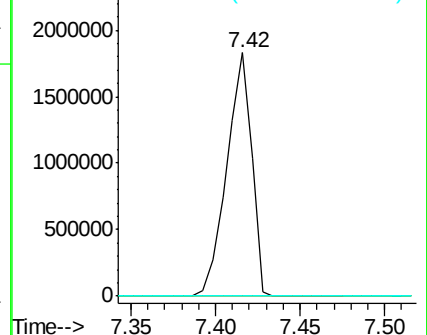
138 0.0 13.8 20.8#

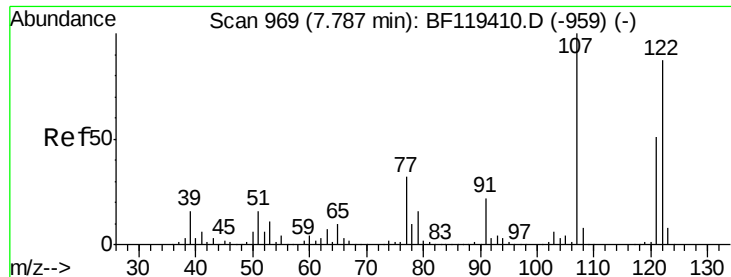


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

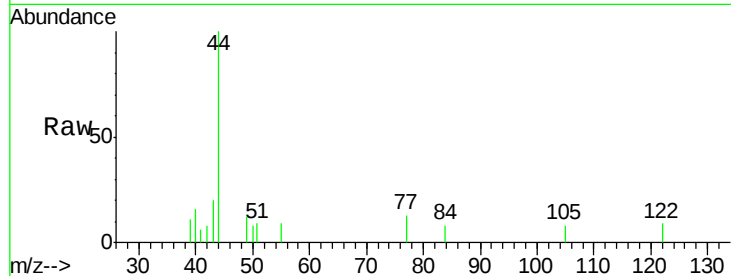




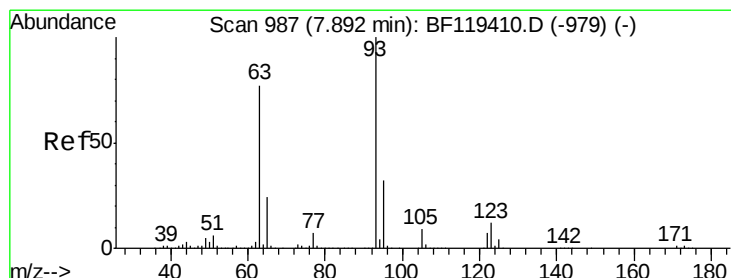
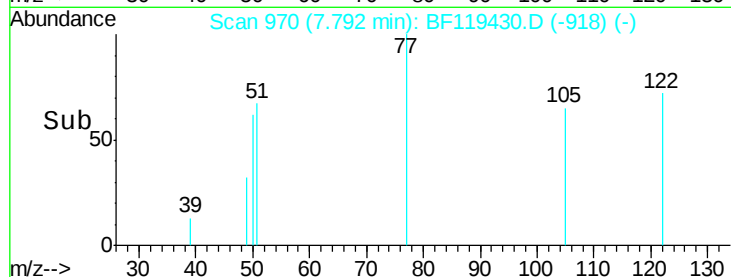
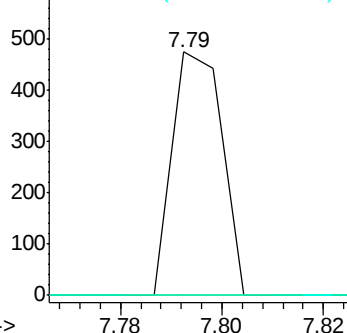
#27
 2,4-Dimethylphenol
 Concen: 0.01 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF119430.D
 Acq: 18 Mar 2020 22:24

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

Tgt Ion: 122 Resp: 324
 Ion Ratio Lower Upper
 122 100
 107 0.0 91.8 137.6#
 121 0.0 46.5 69.7#

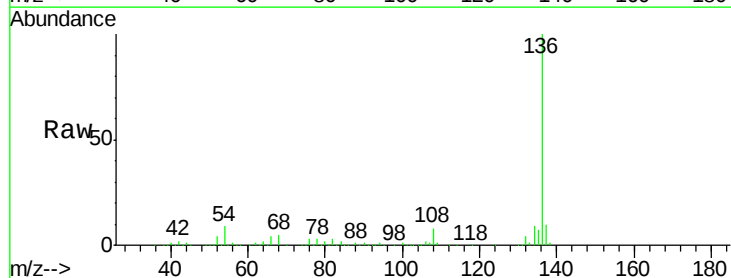


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

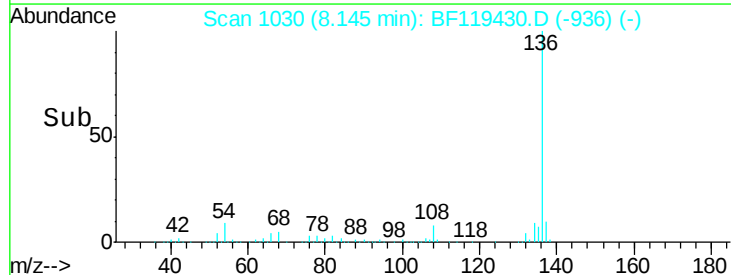
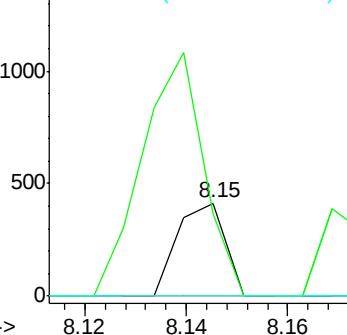


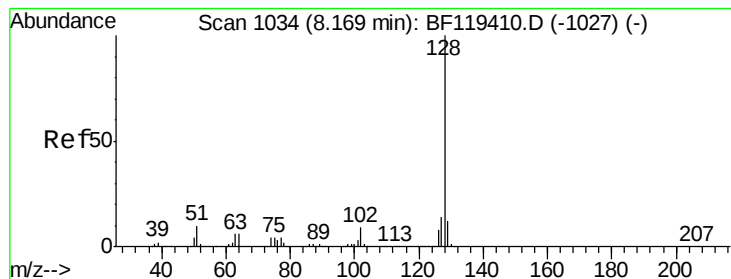
#28
 bis(2-Chloroethoxy)methane
 Concen: 0.01 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. 0.25 min
 Lab File: BF119430.D
 Acq: 18 Mar 2020 22:24

Tgt Ion: 93 Resp: 268
 Ion Ratio Lower Upper
 93 100
 95 88.6 26.0 39.0#
 123 0.0 9.7 14.5#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#31

Naphthalene

Concen: 0.01 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

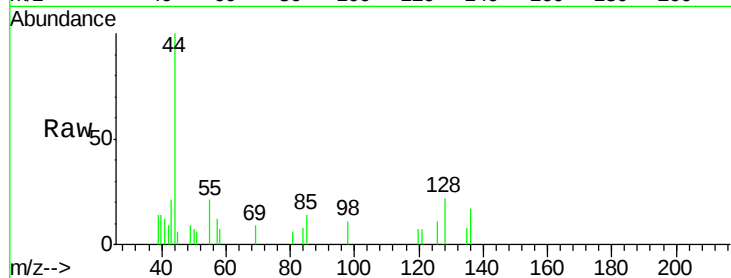
Tgt Ion:128 Resp: 903

Ion Ratio Lower Upper

128 100

129 0.0 9.3 13.9#

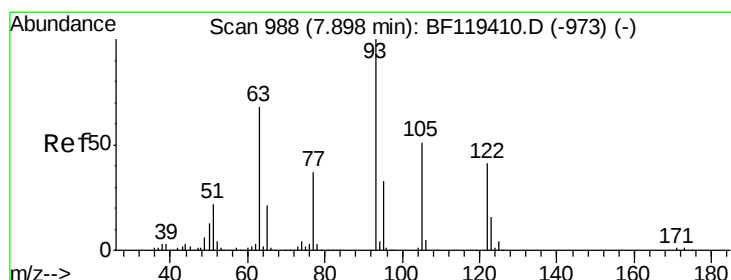
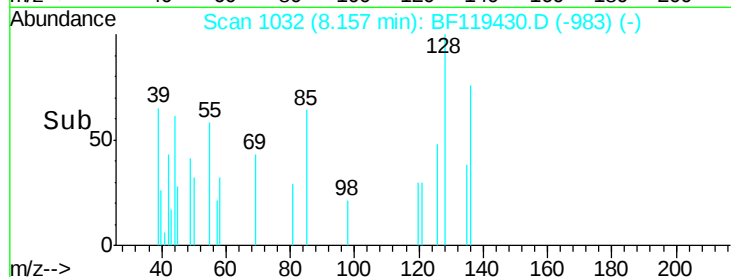
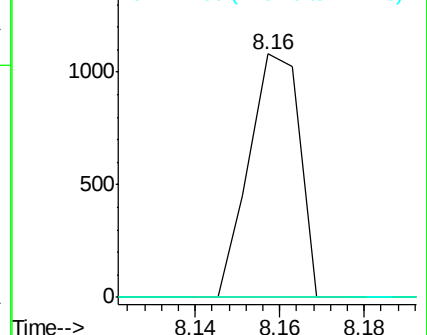
127 0.0 11.0 16.4#



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: 0.02 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.11 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

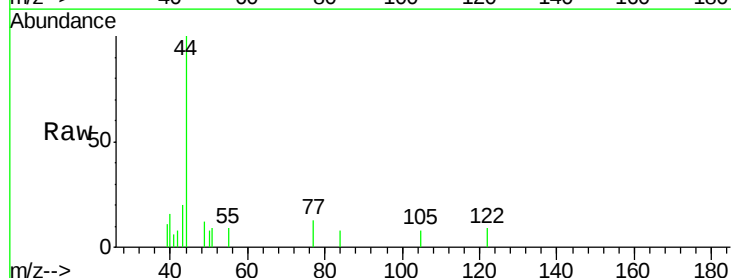
Tgt Ion:122 Resp: 324

Ion Ratio Lower Upper

122 100

105 90.7 102.9 142.9#

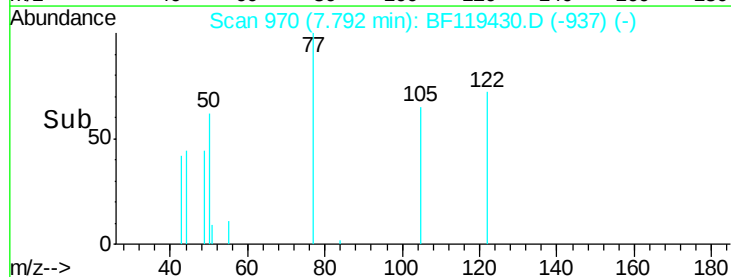
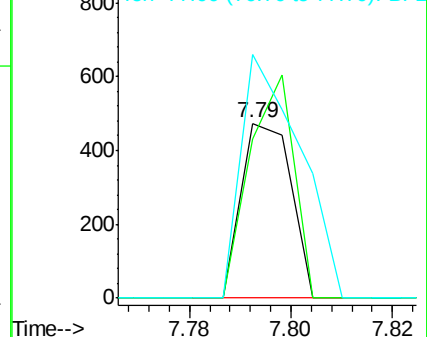
77 139.2 70.1 110.1#

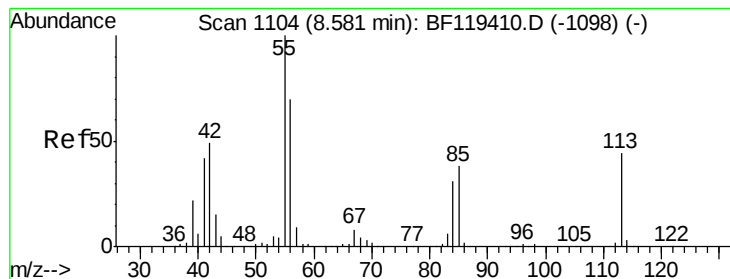


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#35

Caprolactam

Concen: 0.06 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.06 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

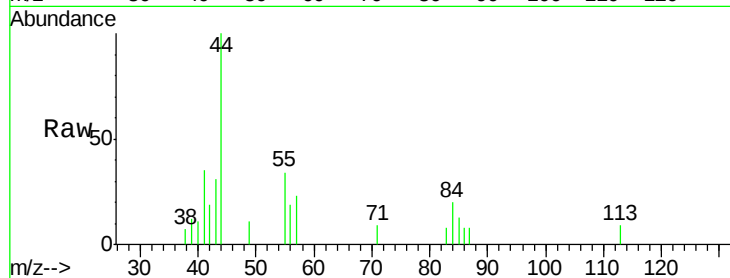
Tgt Ion:113 Resp: 420

Ion Ratio Lower Upper

113 100

55 360.8 208.4 248.4#

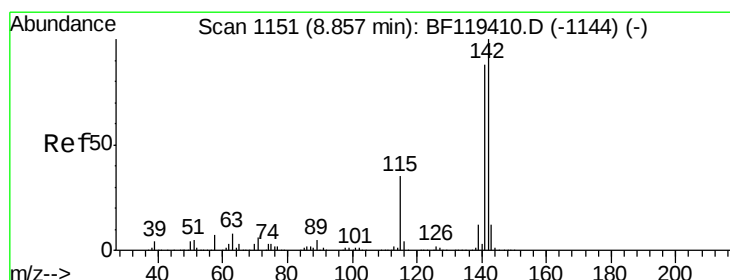
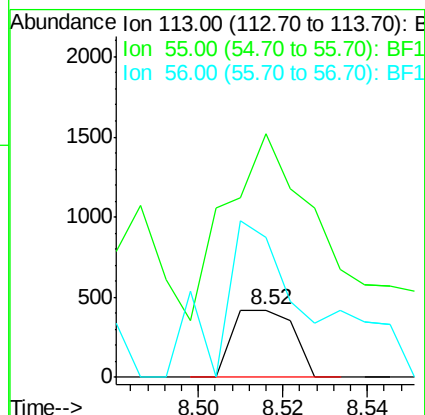
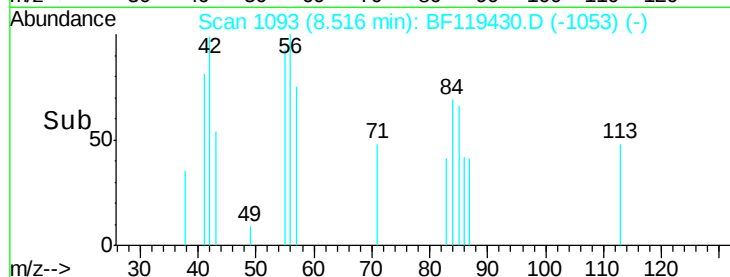
56 207.4 138.9 178.9#



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



#37

2-Methylnaphthalene

Concen: 0.01 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

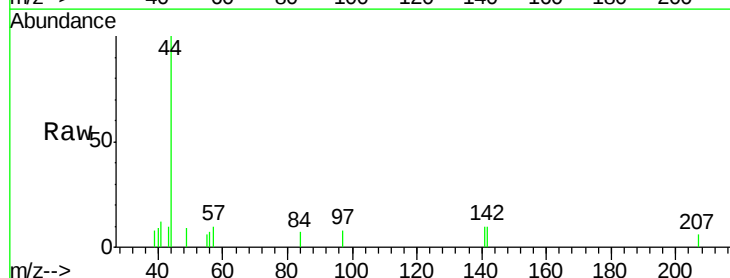
Tgt Ion:142 Resp: 287

Ion Ratio Lower Upper

142 100

141 99.6 70.4 105.6

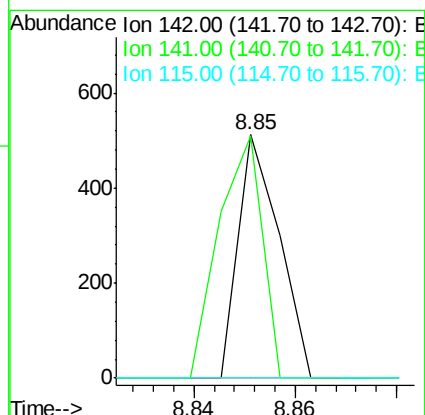
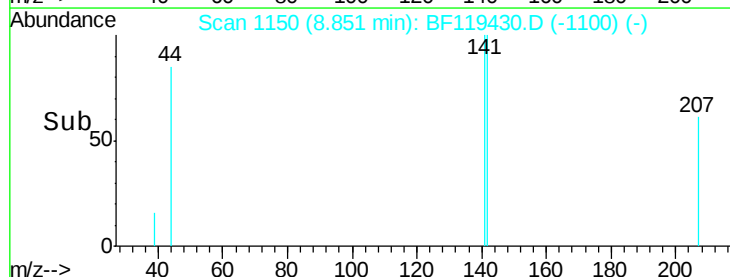
115 0.0 27.8 41.6#

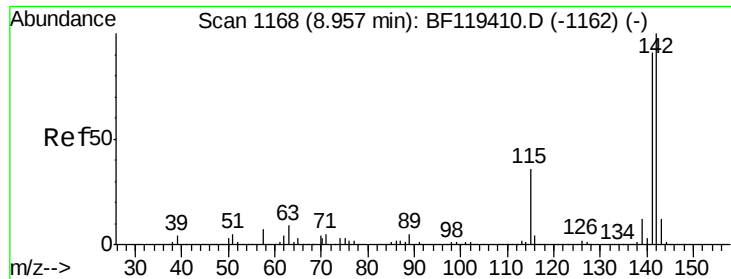


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

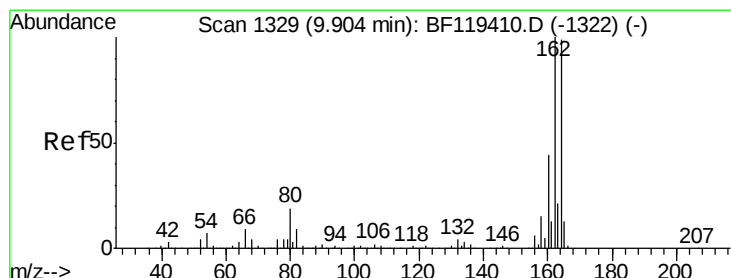
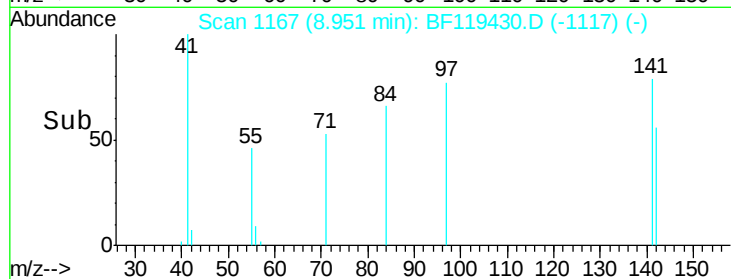
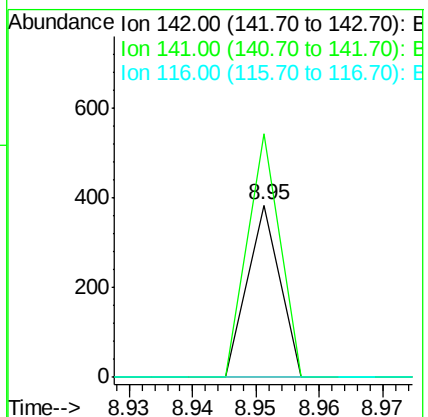
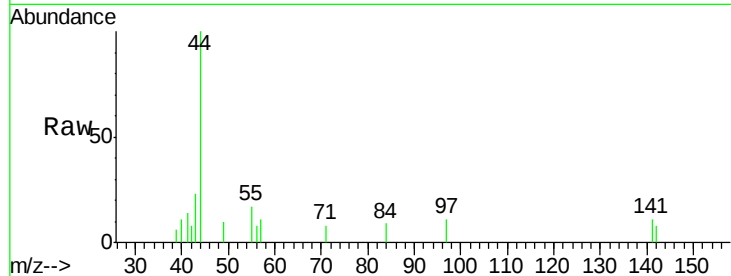




#38
1-Methylnaphthalene
Concen: 0.00 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

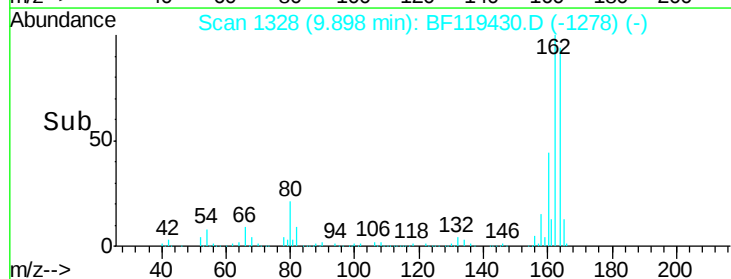
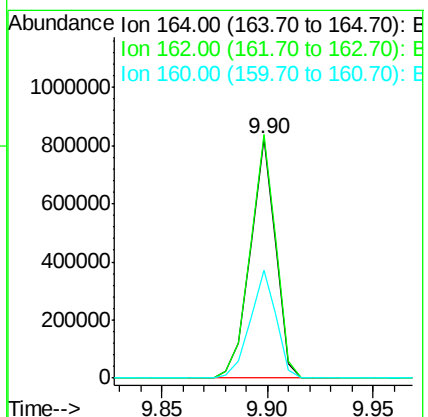
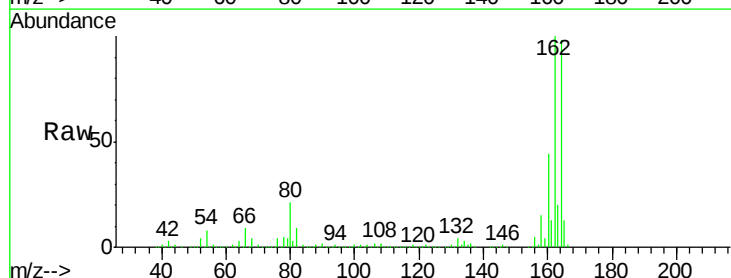
Instrument :
BNA_F
ClientSampleId :
VNJ-219

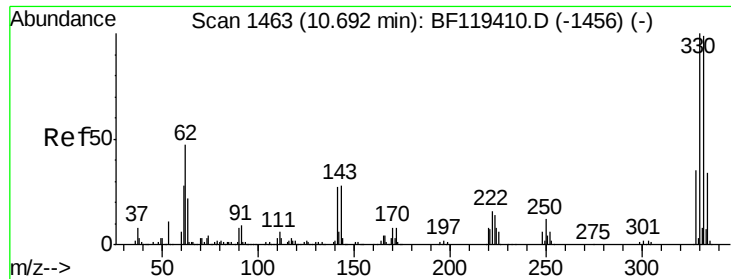
Tgt Ion:142 Resp: 136
Ion Ratio Lower Upper
142 100
141 141.4 73.1 109.7#
116 0.0 3.0 4.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

Tgt Ion:164 Resp: 688596
Ion Ratio Lower Upper
164 100
162 101.7 80.7 121.1
160 45.0 35.5 53.3

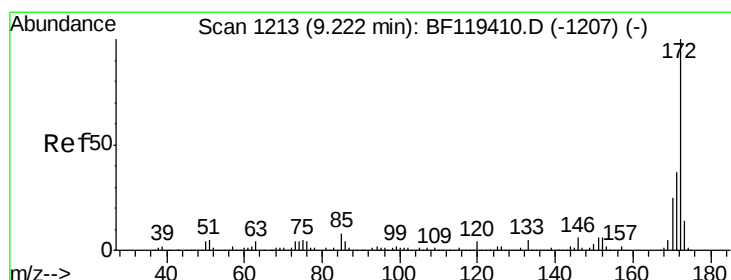
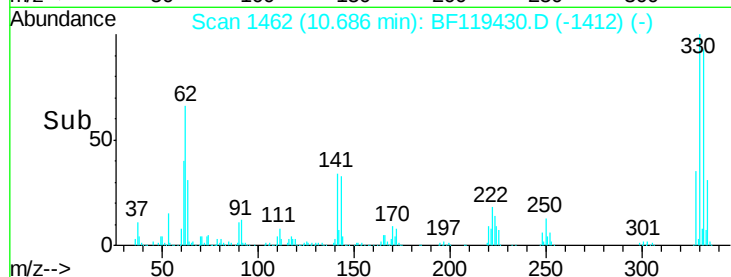
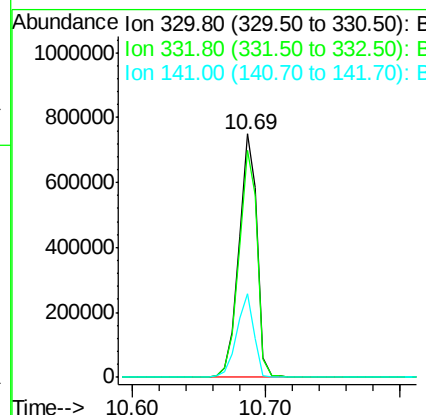
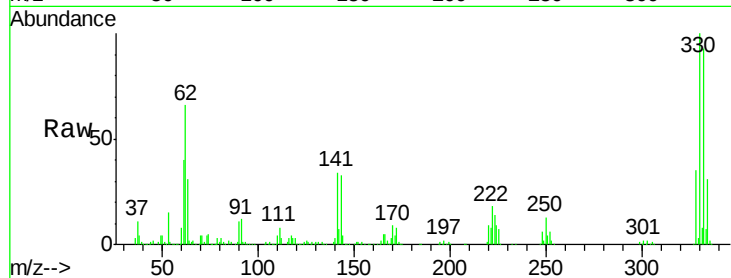




#42
 2,4,6-Tribromophenol
 Concen: 100.67 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119430.D
 Acq: 18 Mar 2020 22:24

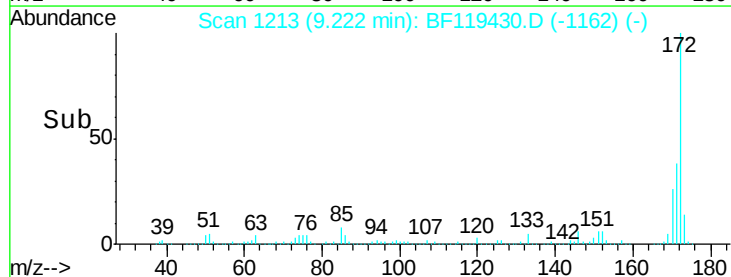
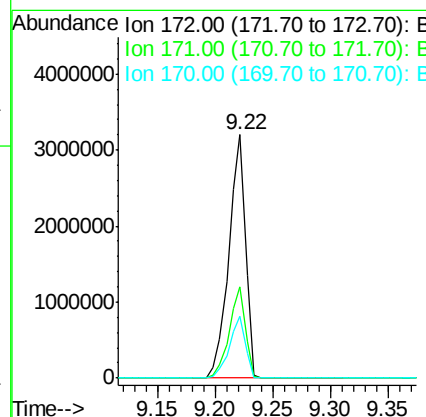
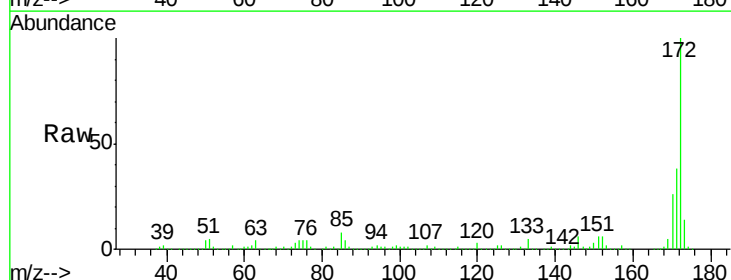
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

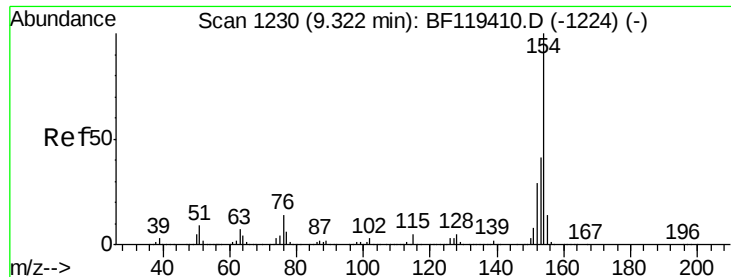
Tgt Ion:330 Resp: 715175
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.6 116.4
 141 32.8 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 68.46 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF119430.D
 Acq: 18 Mar 2020 22:24

Tgt Ion:172 Resp: 3182262
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.9 44.9
 170 25.5 20.1 30.1

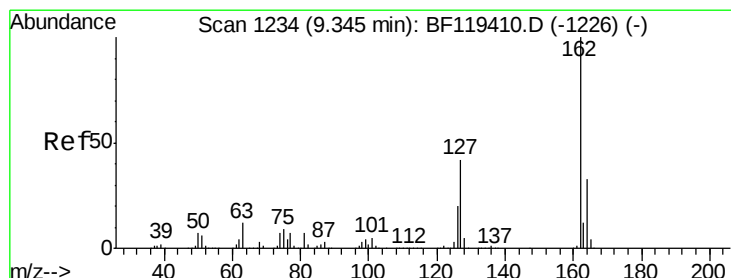
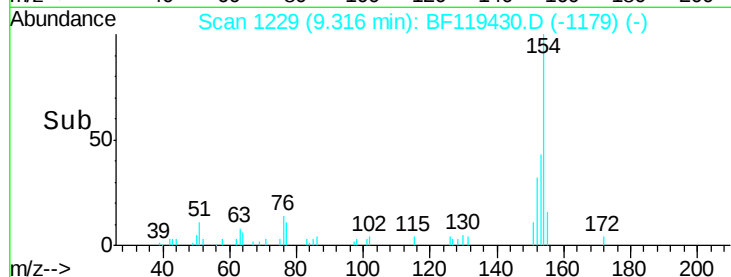
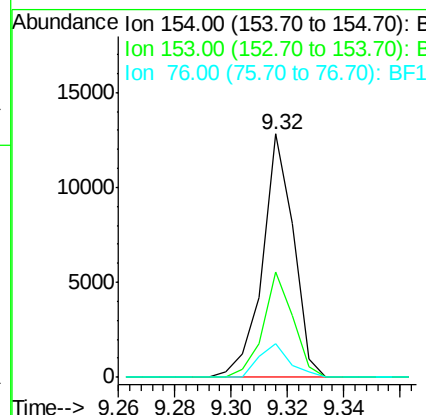
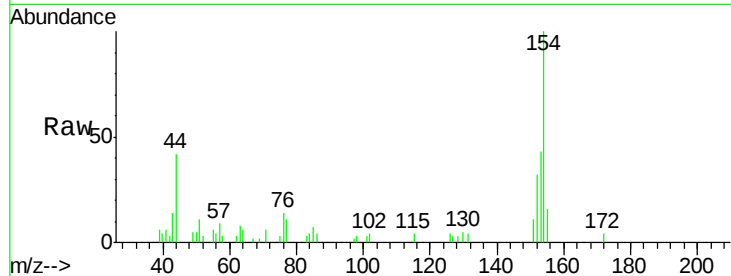




#46
 1,1'-Biphenyl
 Concen: 0.17 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF119430.D
 Acq: 18 Mar 2020 22:24

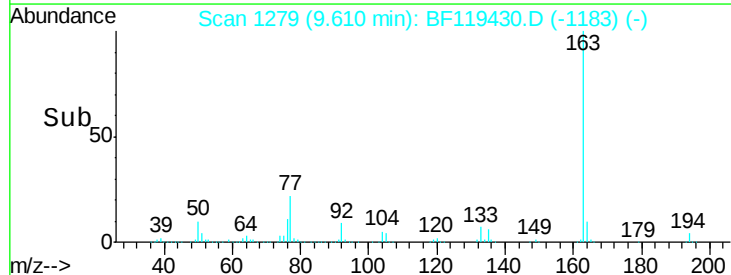
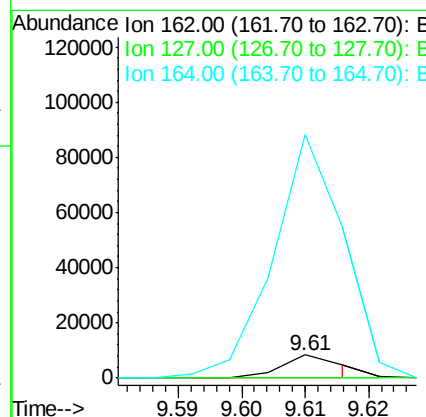
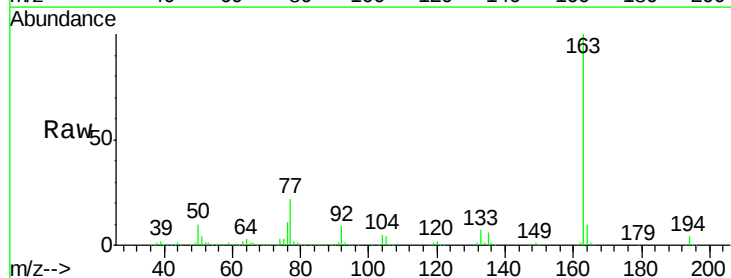
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

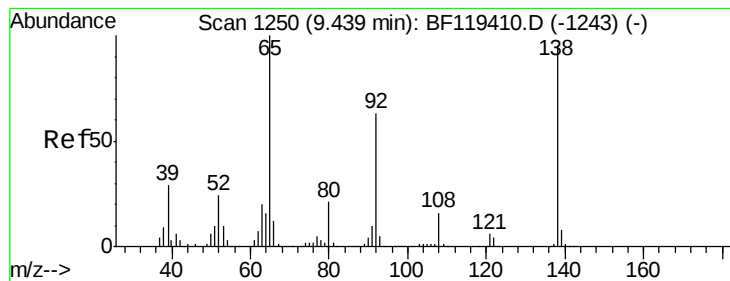
Tgt Ion:154 Resp: 9764
 Ion Ratio Lower Upper
 154 100
 153 43.4 21.4 61.4
 76 13.9 0.0 33.6



#47
 2-Chloronaphthalene
 Concen: 0.12 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. 0.26 min
 Lab File: BF119430.D
 Acq: 18 Mar 2020 22:24

Tgt Ion:162 Resp: 5305
 Ion Ratio Lower Upper
 162 100
 127 0.0 33.7 50.5#
 164 1055.4 26.2 39.4#





#48

2-Nitroaniline

Concen: 0.03 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.11 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

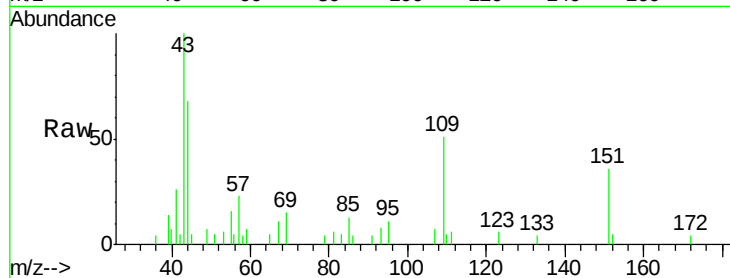
Tgt Ion: 65 Resp: 385

Ion Ratio Lower Upper

65 100

92 0.0 50.5 75.7#

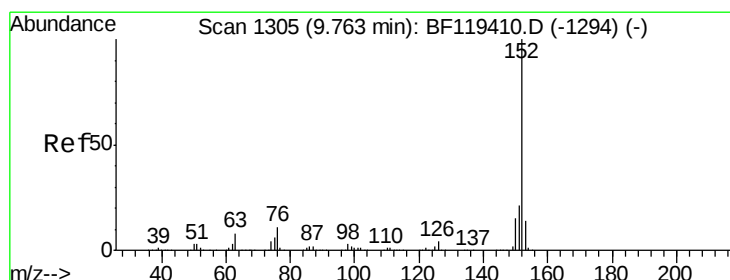
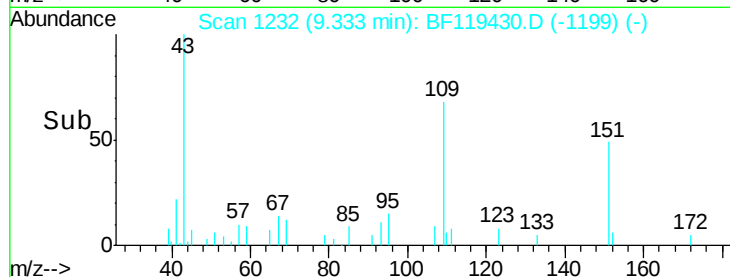
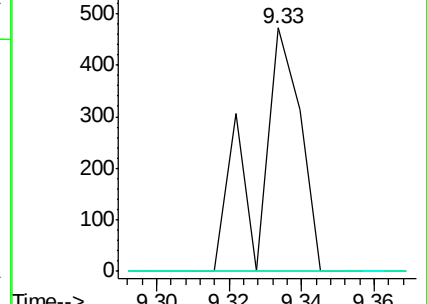
138 0.0 75.8 113.8#



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): BF1



#49

Acenaphthylene

Concen: 0.01 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

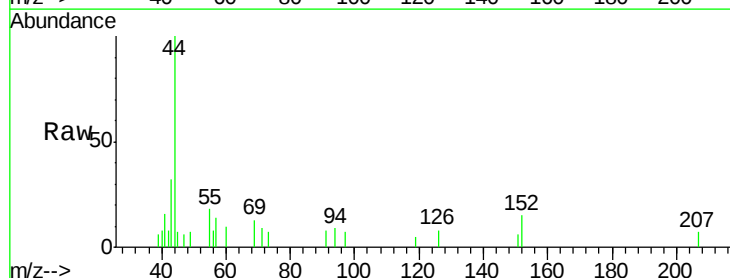
Tgt Ion: 152 Resp: 991

Ion Ratio Lower Upper

152 100

151 37.4 16.8 25.2#

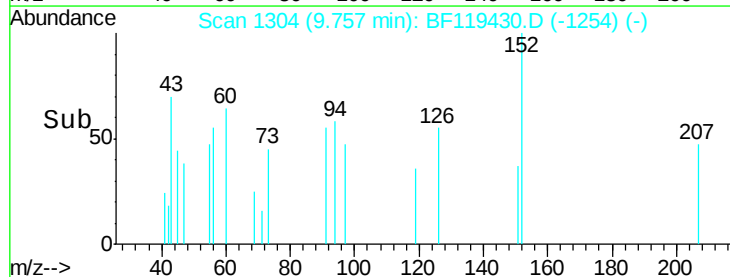
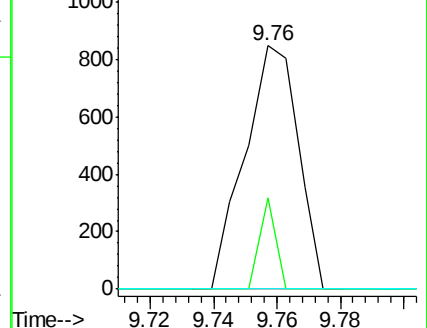
153 0.0 11.2 16.8#

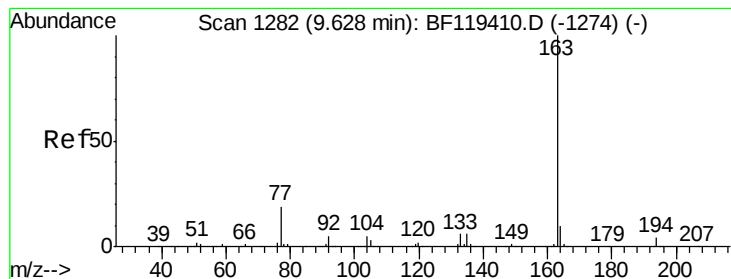


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 13.99 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

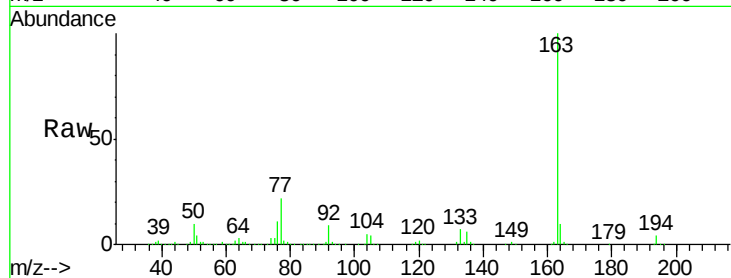
Tgt Ion:163 Resp: 684154

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

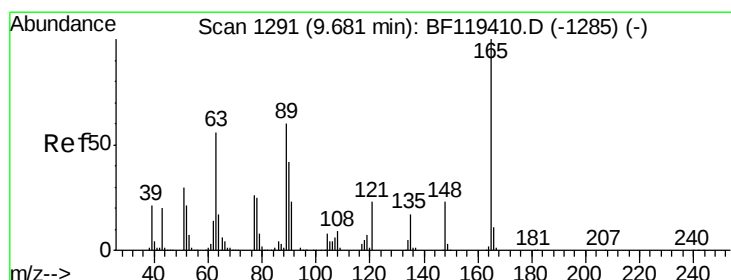
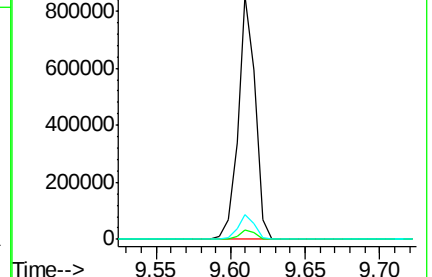
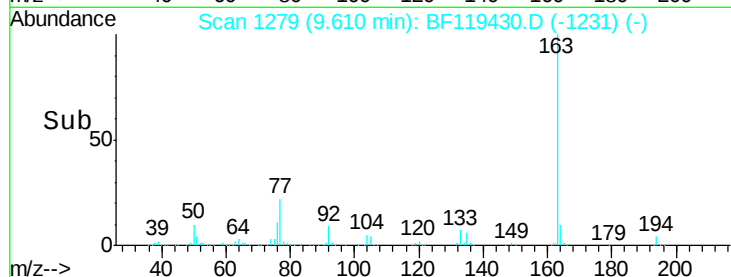
164 10.3 8.1 12.1



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: 0.70 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.07 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

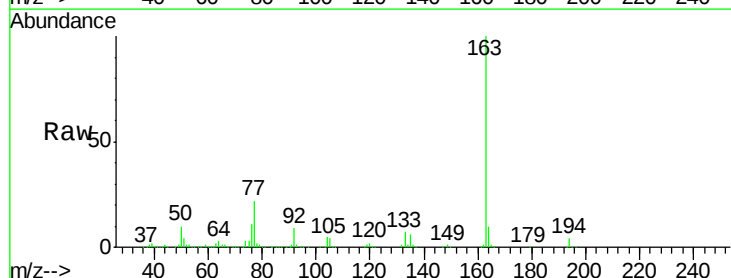
Tgt Ion:165 Resp: 7387

Ion Ratio Lower Upper

165 100

63 173.7 57.3 85.9#

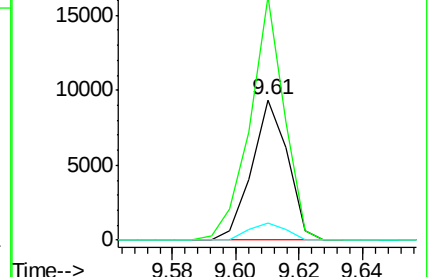
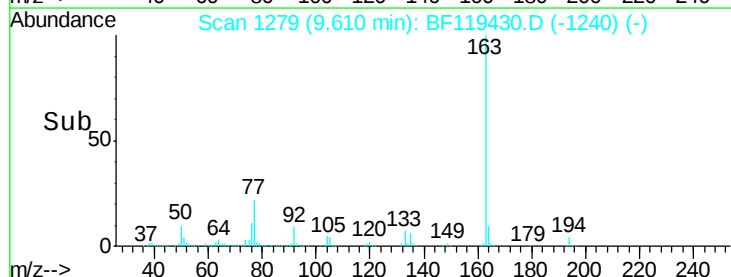
89 12.3 47.8 71.8#

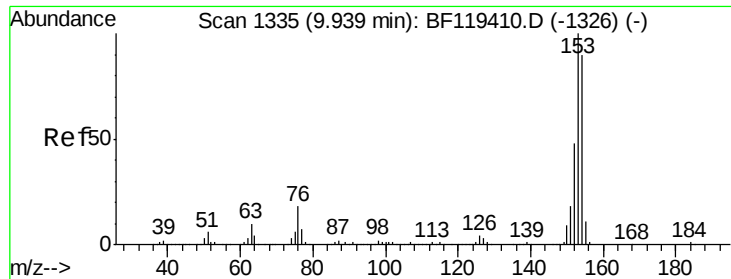


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 0.01 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

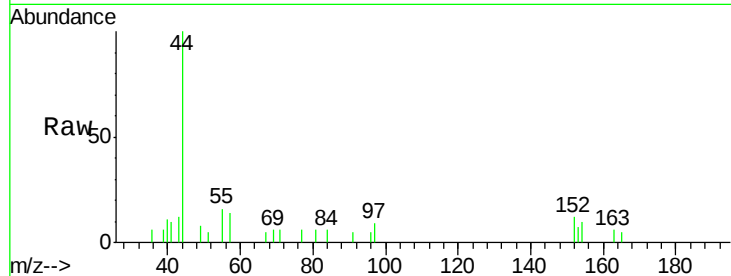
Tgt Ion:154 Resp: 384

Ion Ratio Lower Upper

154 100

153 74.1 89.0 133.6#

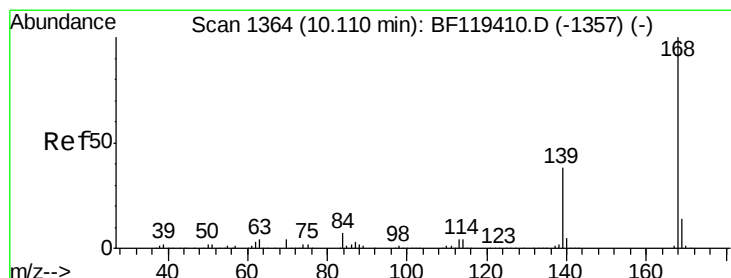
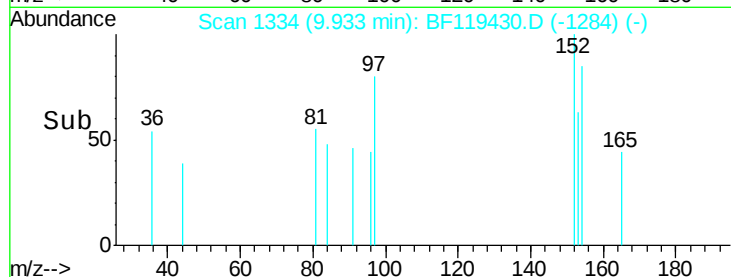
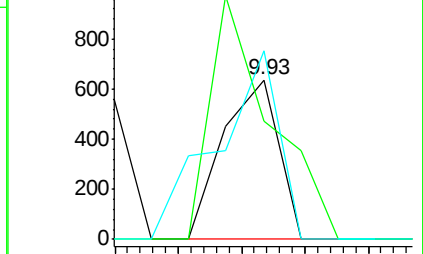
152 118.1 43.1 64.7#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 0.00 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

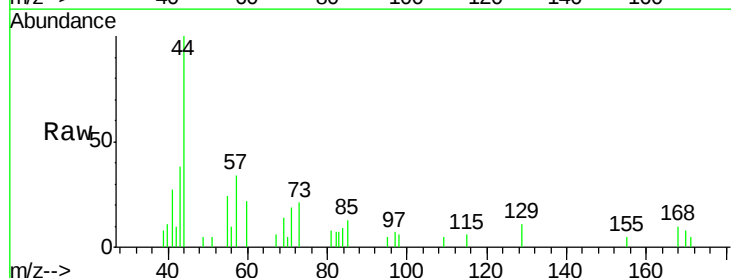
Tgt Ion:168 Resp: 243

Ion Ratio Lower Upper

168 100

139 0.0 30.2 45.4#

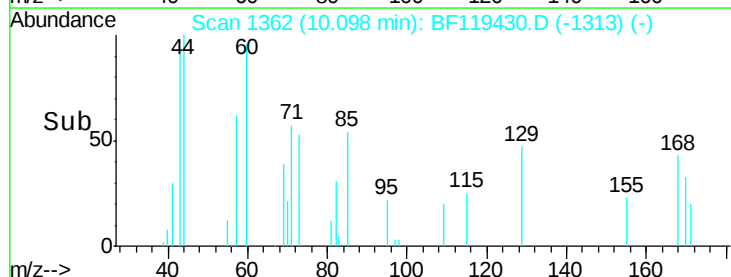
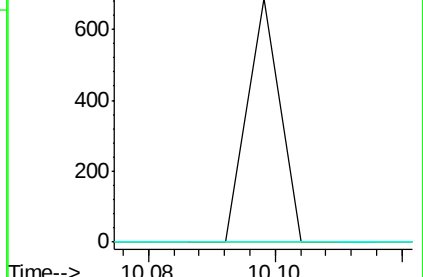
169 0.0 11.1 16.7#

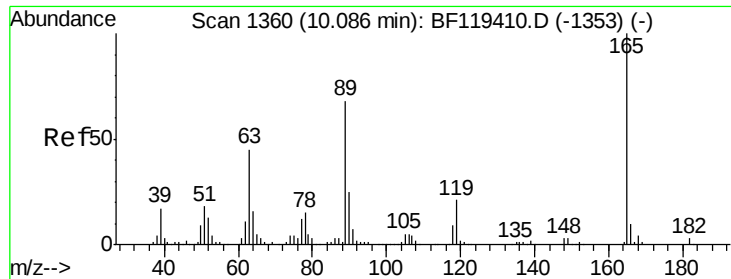


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

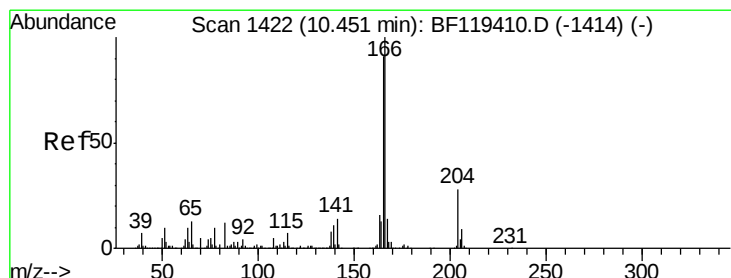
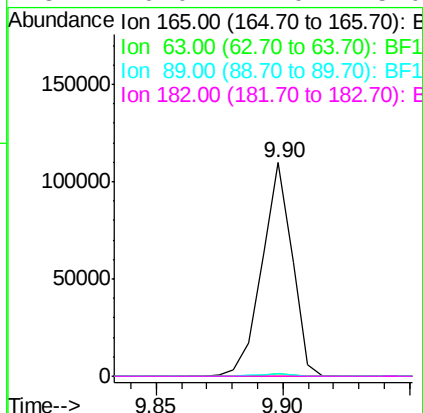
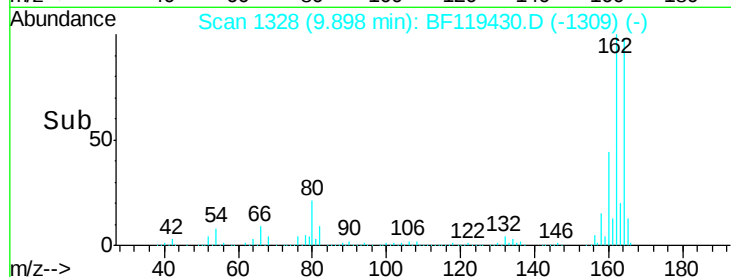
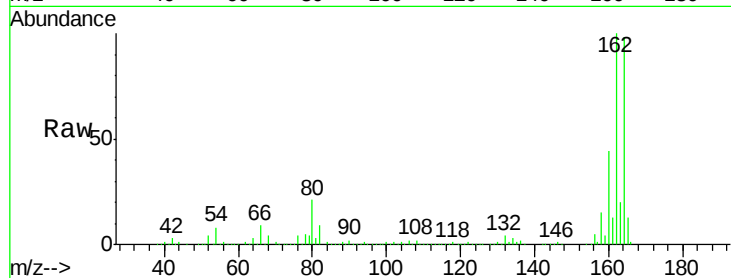




#57
2,4-Dinitrotoluene
Concen: 6.93 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

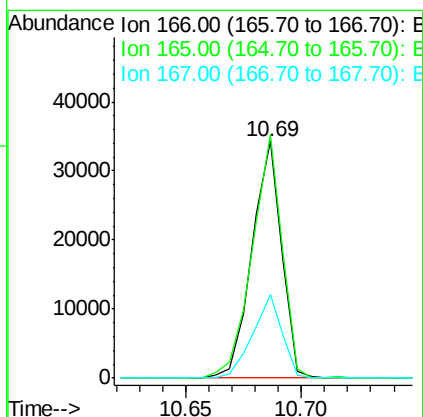
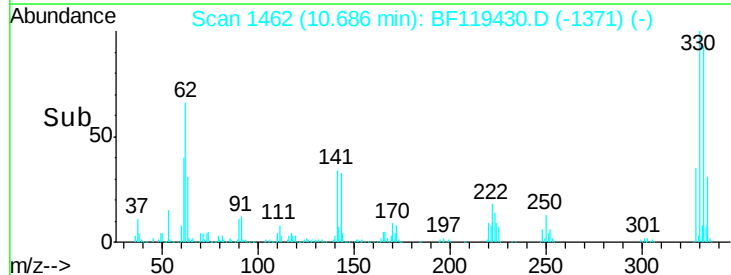
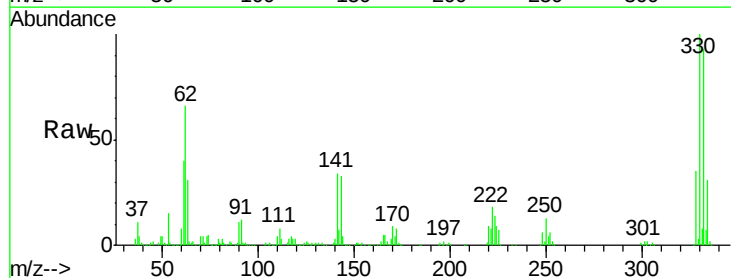
Instrument :
BNA_F
ClientSampleId :
VNJ-219

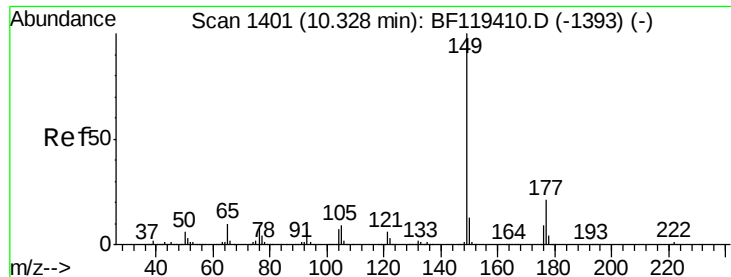
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	1.1	54.3	81.5#
182	0.0	2.0	3.0#



#58
Fluorene
Concen: 0.68 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.24 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.7	73.1	109.7
167	35.4	11.0	16.6#

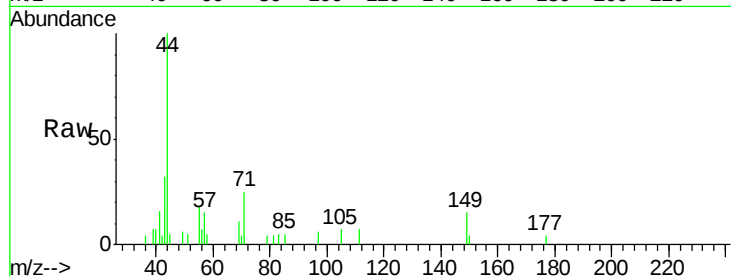




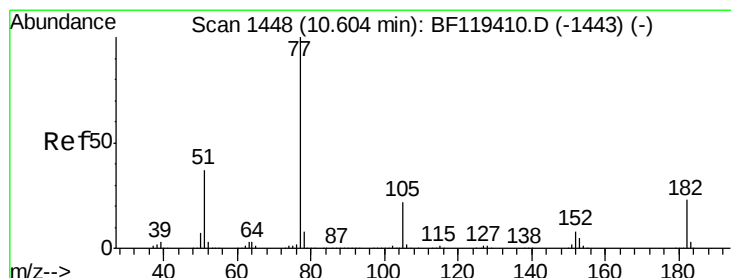
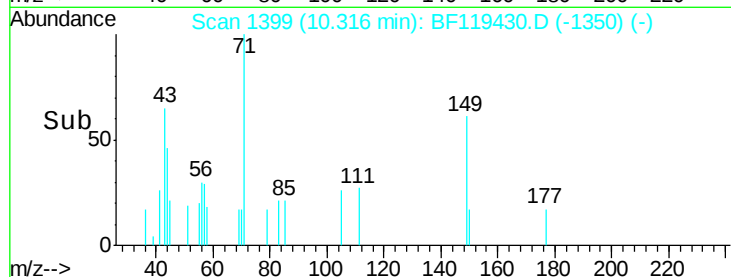
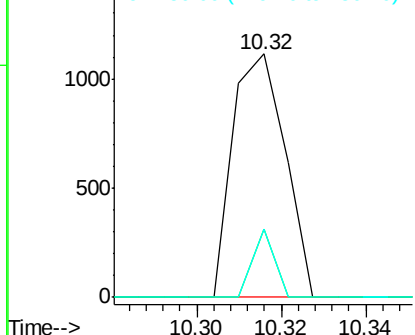
#60
Diethylphthalate
Concen: 0.02 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

Instrument :
BNA_F
ClientSampleId :
VNJ-219

Tgt Ion: 149 Resp: 957
Ion Ratio Lower Upper
149 100
177 27.9 17.0 25.6#
150 28.1 10.2 15.4#

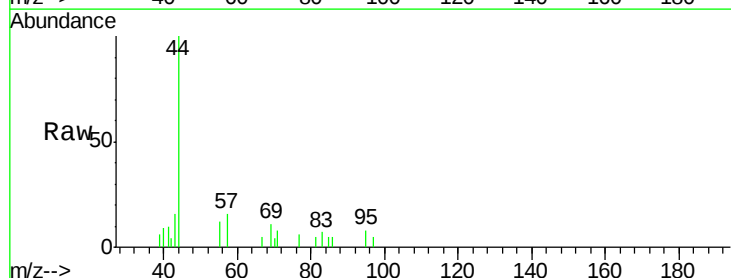


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

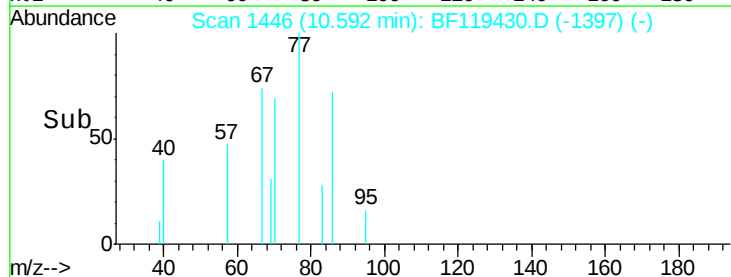
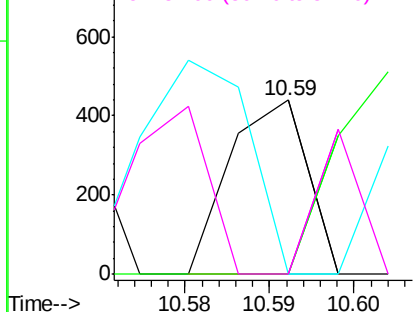


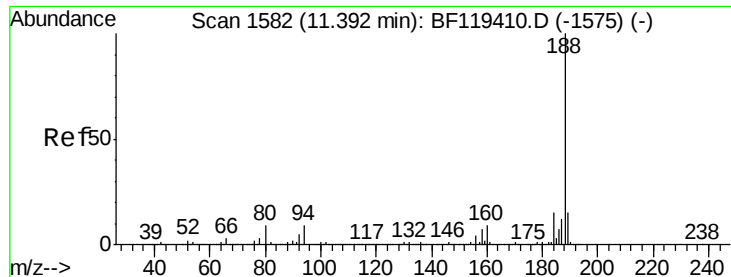
#63
Azobenzene
Concen: 0.01 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

Tgt Ion: 77 Resp: 281
Ion Ratio Lower Upper
77 100
182 0.0 2.5 42.5#
105 0.0 2.5 42.5#
51 0.0 17.1 57.1#



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

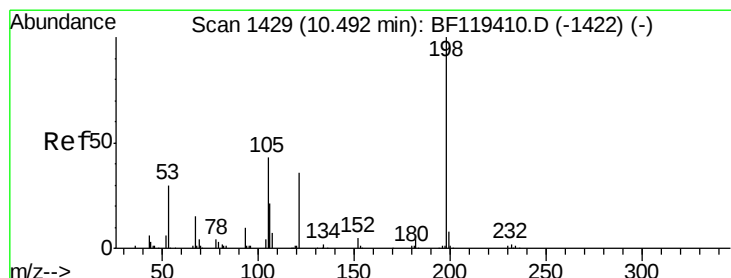
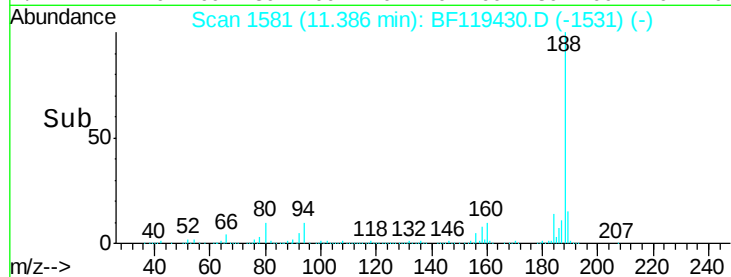
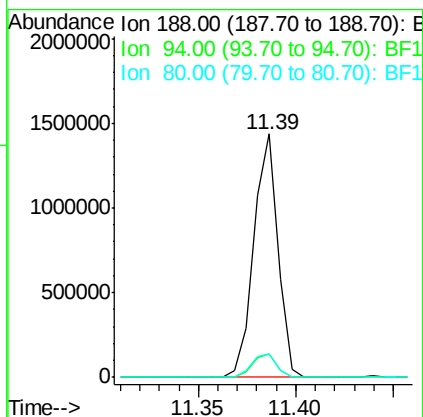
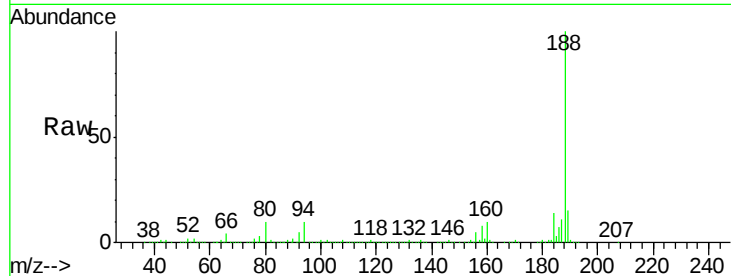




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

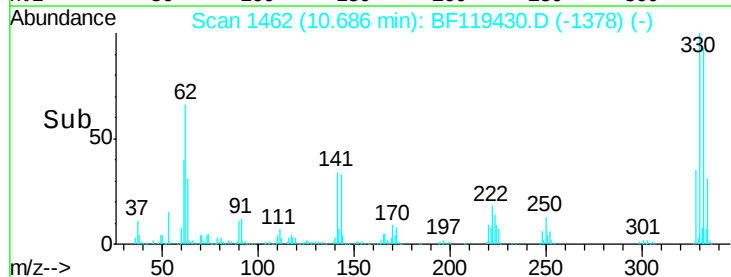
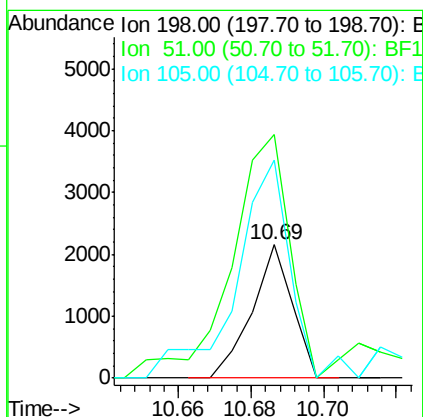
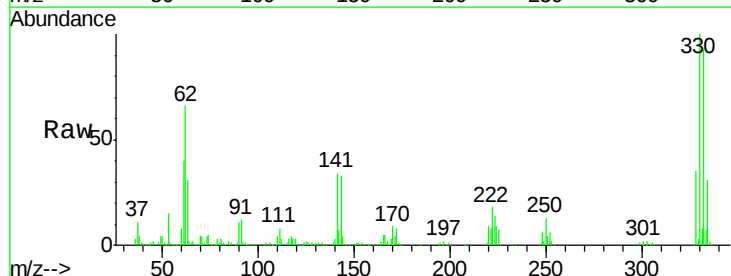
Instrument :
BNA_F
ClientSampleId :
VNJ-219

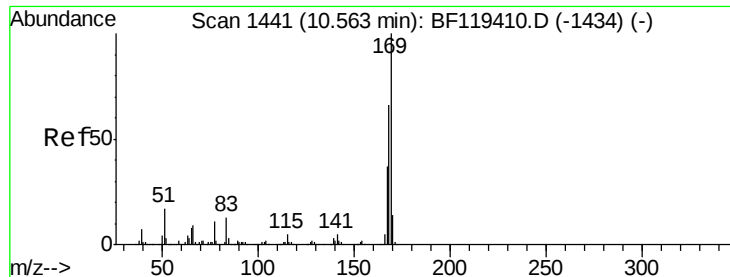
Tgt Ion:188 Resp: 1224986
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 9.9 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 0.32 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.19 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

Tgt Ion:198 Resp: 1654
Ion Ratio Lower Upper
198 100
51 182.8 33.1 73.1#
105 164.1 24.1 64.1#

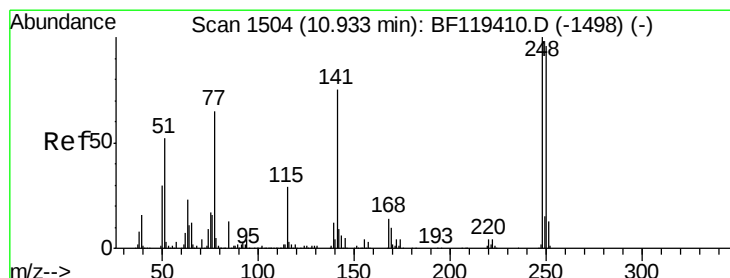
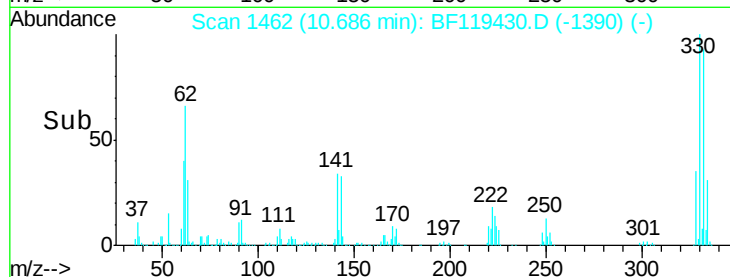
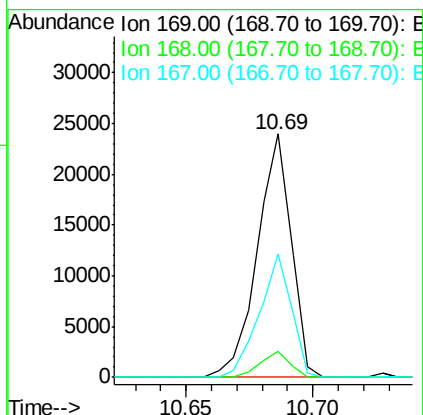
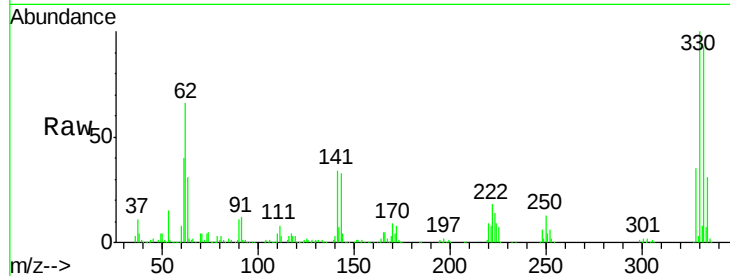




#66
 n-Nitrosodiphenylamine
 Concen: 0.56 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.12 min
 Lab File: BF119430.D
 Acq: 18 Mar 2020 22:24

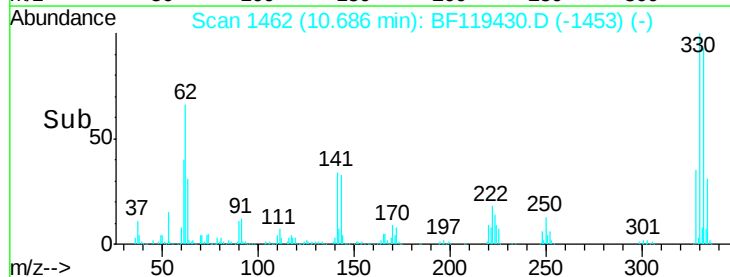
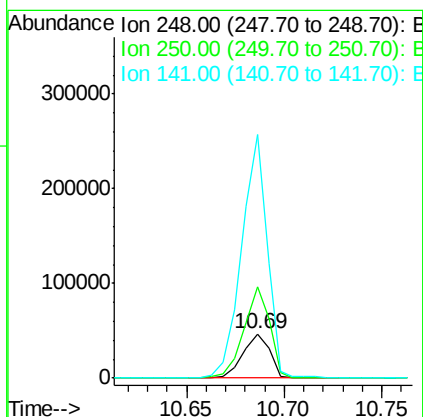
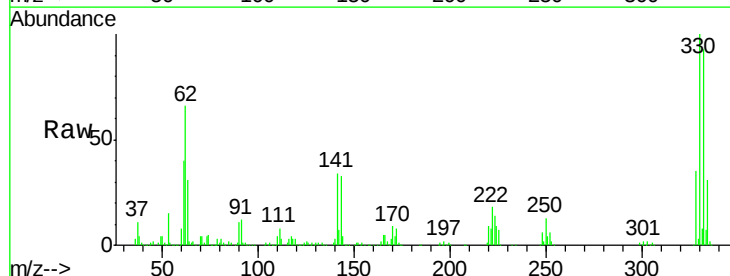
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

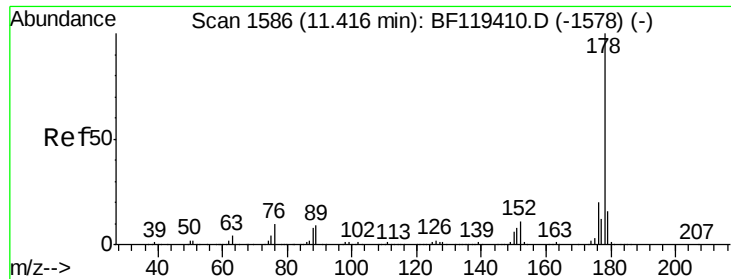
Tgt Ion:169 Resp: 22441
 Ion Ratio Lower Upper
 169 100
 168 10.6 52.7 79.1#
 167 50.7 29.3 43.9#



#67
 4-Bromophenyl-phenylether
 Concen: 3.21 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.25 min
 Lab File: BF119430.D
 Acq: 18 Mar 2020 22:24

Tgt Ion:248 Resp: 44748
 Ion Ratio Lower Upper
 248 100
 250 205.3 77.0 115.6#
 141 550.8 59.7 89.5#

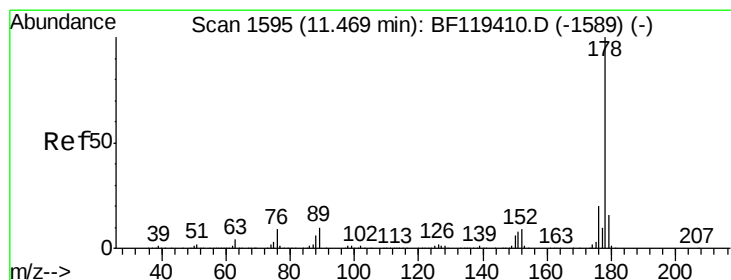
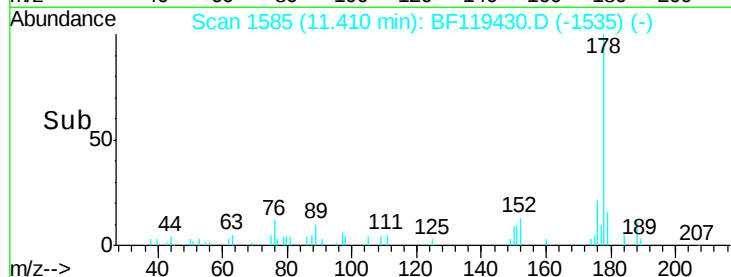
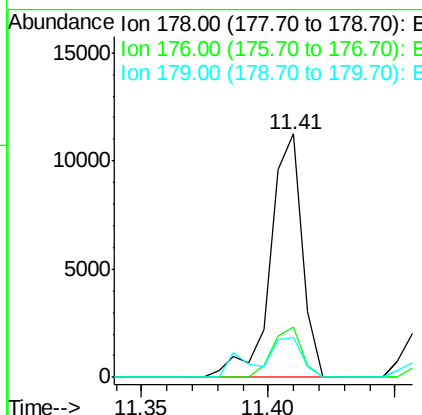
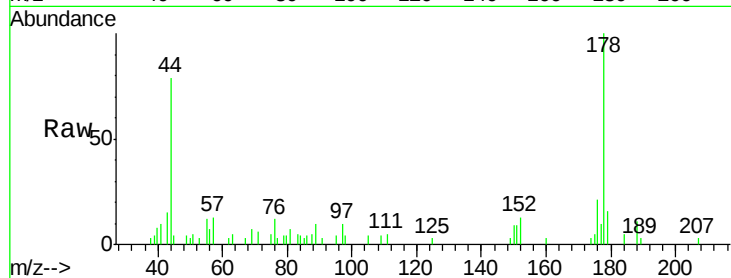




#71
Phenanthrene
Concen: 0.16 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

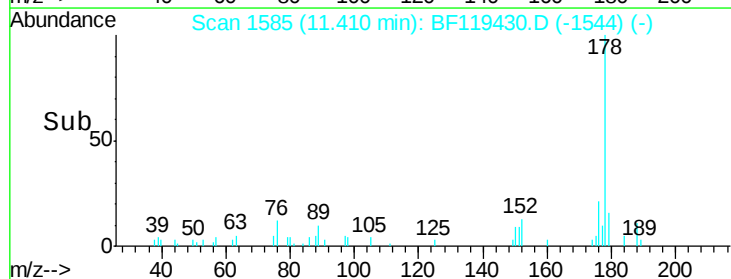
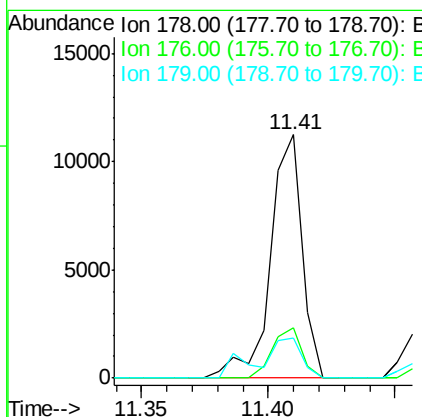
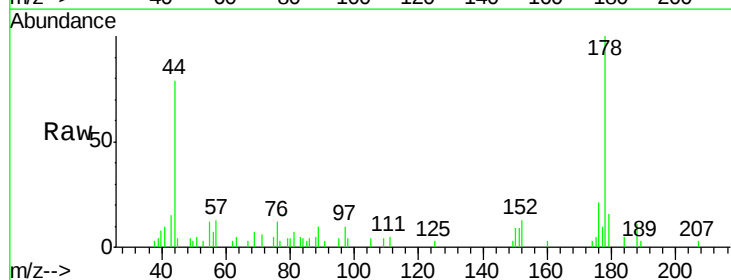
Instrument :
BNA_F
ClientSampleId :
VNJ-219

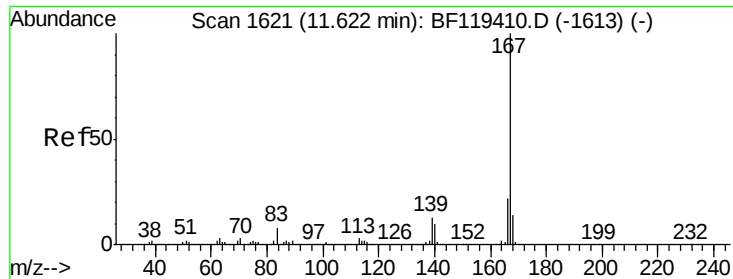
Tgt Ion:178 Resp: 9890
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.3 12.9 19.3



#72
Anthracene
Concen: 0.15 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.06 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

Tgt Ion:178 Resp: 9890
Ion Ratio Lower Upper
178 100
176 20.6 15.6 23.4
179 16.3 13.1 19.7

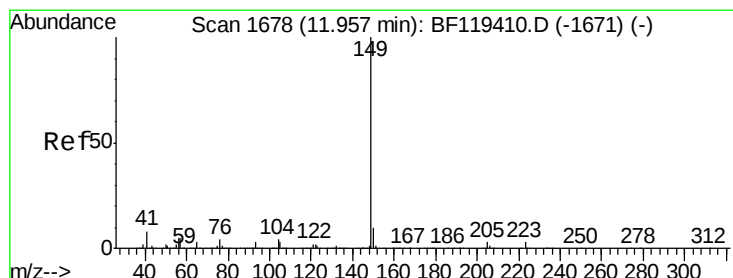
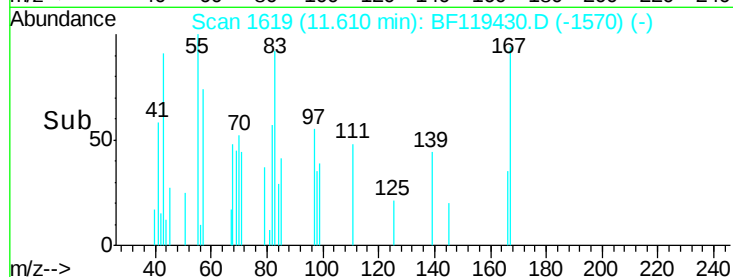
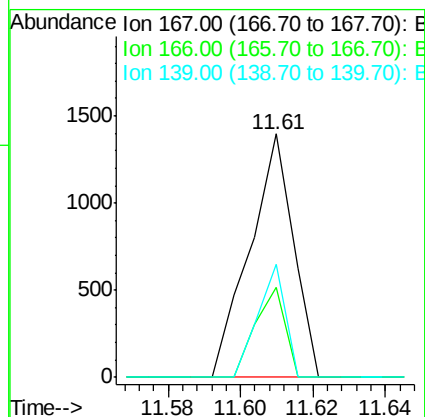
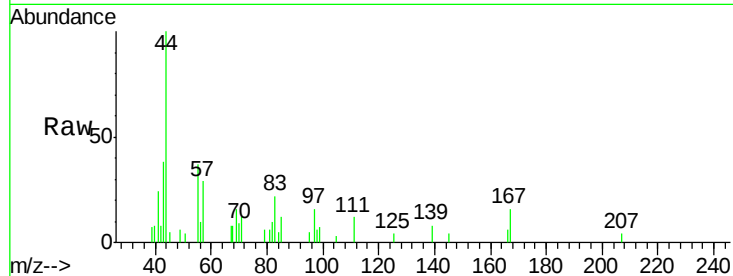




#73
 Carbazole
 Concen: 0.02 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119430.D
 Acq: 18 Mar 2020 22:24

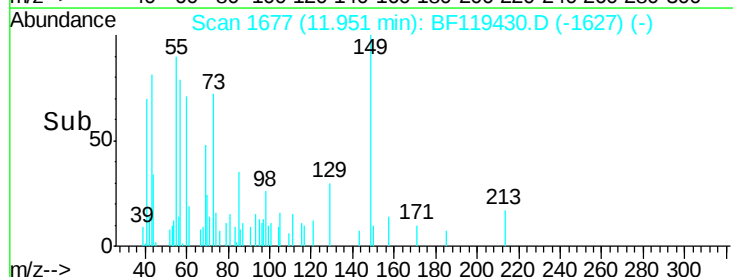
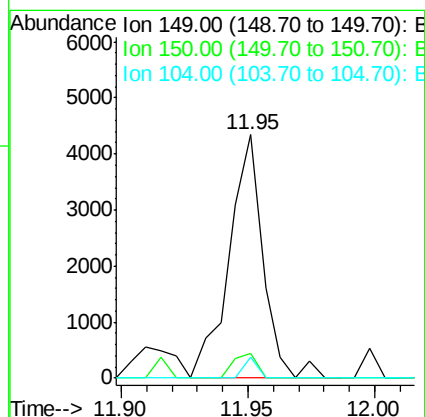
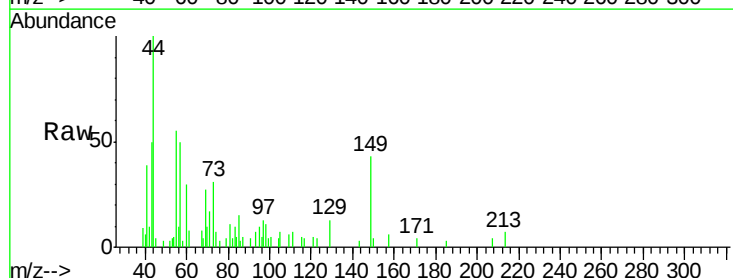
Instrument :
 BNA_F
 ClientSampleID :
 VNJ-219

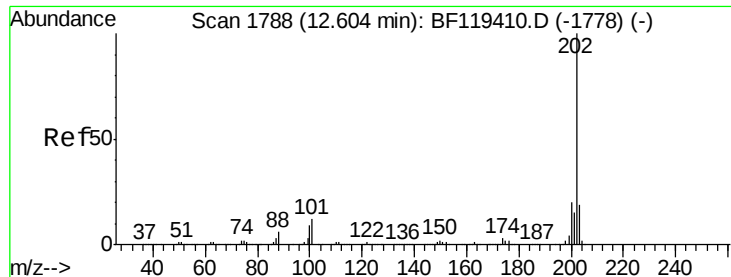
Tgt Ion:167 Resp: 1162
 Ion Ratio Lower Upper
 167 100
 166 37.2 17.8 26.6#
 139 46.6 10.2 15.4#



#74
 Di-n-butylphthalate
 Concen: 0.06 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF119430.D
 Acq: 18 Mar 2020 22:24

Tgt Ion:149 Resp: 4030
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.6 11.4
 104 8.7 3.5 5.3#





#75

Fluoranthene

Concen: 0.34 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

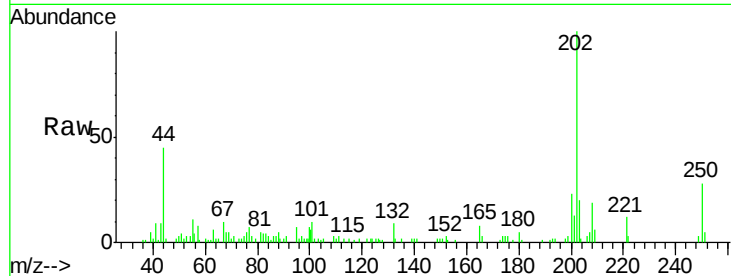
Tgt Ion:202 Resp: 23507

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.4

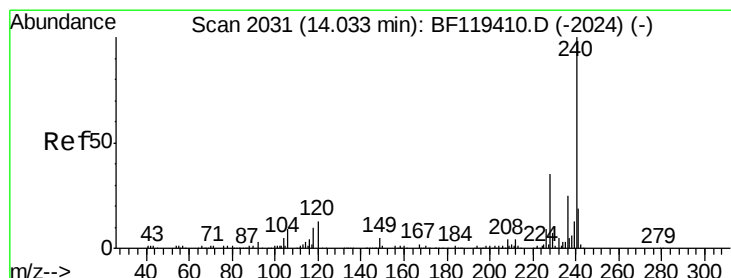
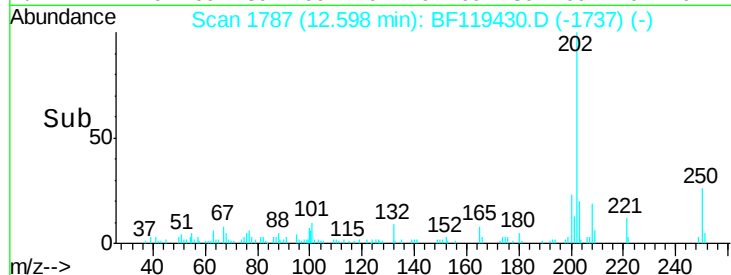
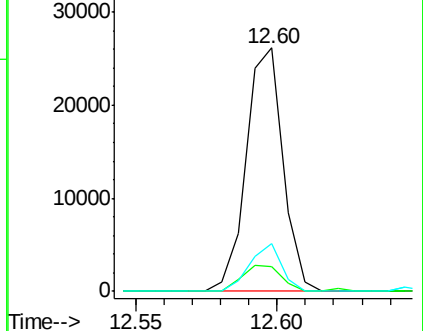
203 19.7 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

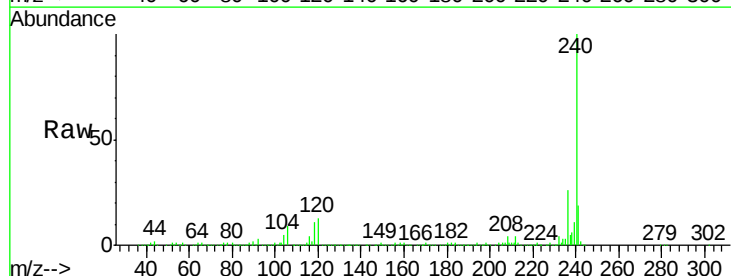
Tgt Ion:240 Resp: 712460

Ion Ratio Lower Upper

240 100

120 12.7 10.2 15.4

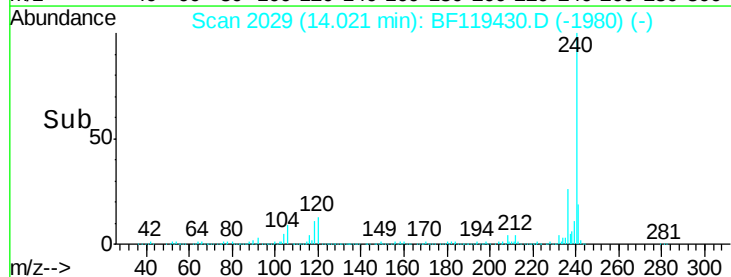
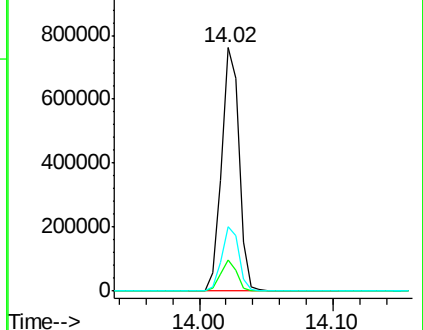
236 26.5 20.4 30.6

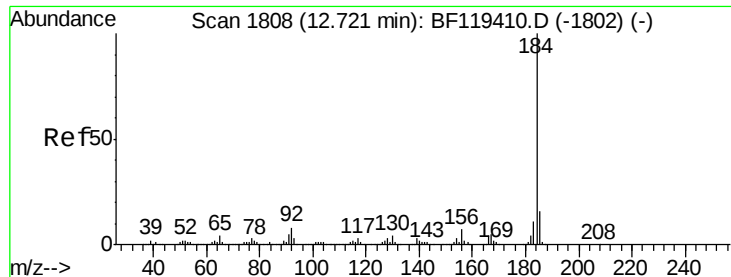


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.18 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.25 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

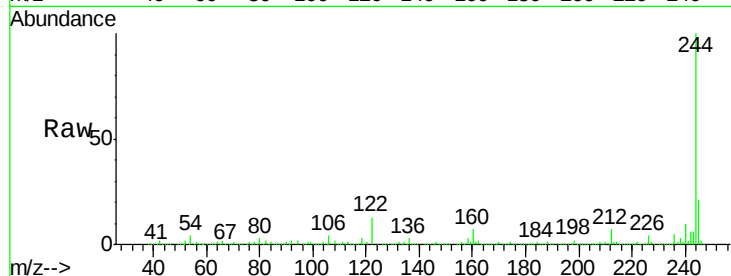
Tgt Ion:184 Resp: 35593

Ion Ratio Lower Upper

184 100

185 14.8 12.9 19.3

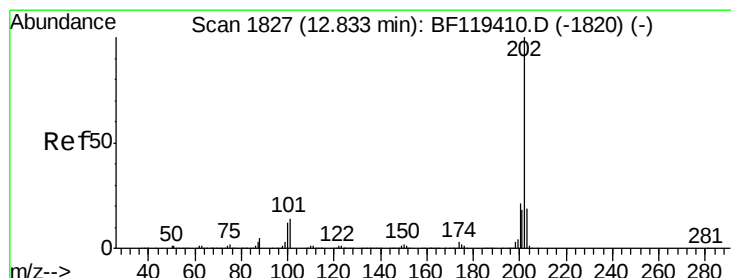
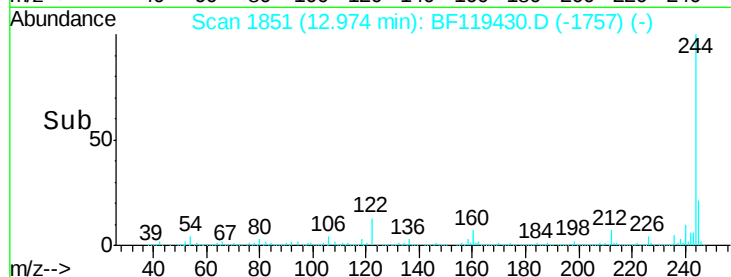
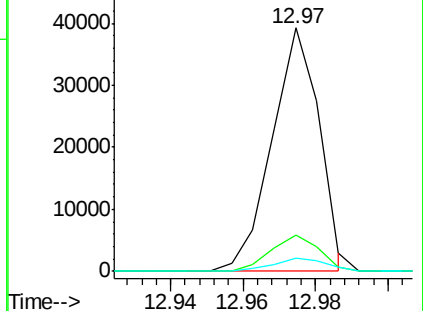
183 5.6 9.0 13.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.34 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

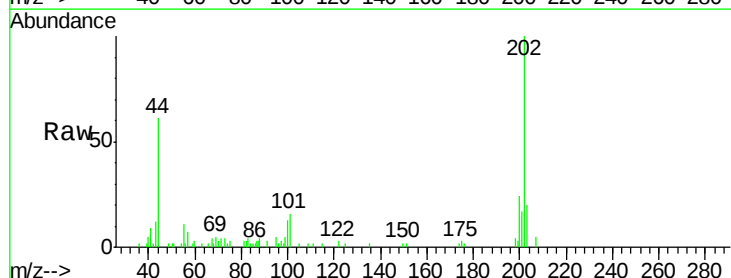
Tgt Ion:202 Resp: 19935

Ion Ratio Lower Upper

202 100

200 23.5 16.8 25.2

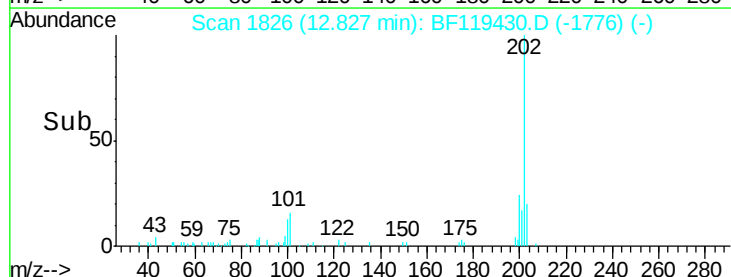
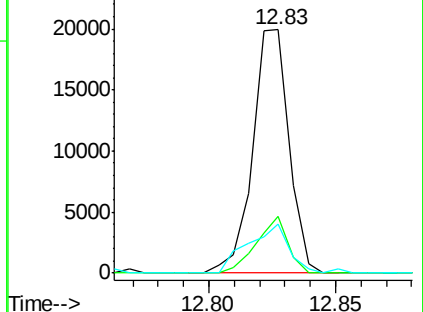
203 20.0 14.8 22.2

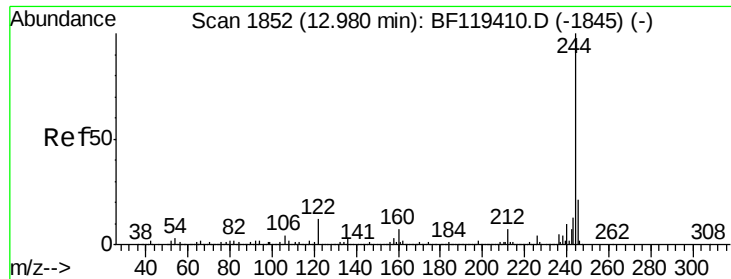


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

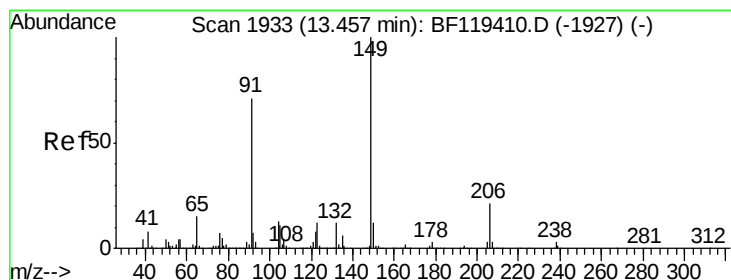
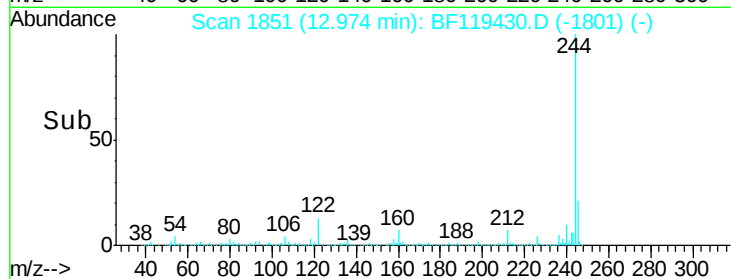
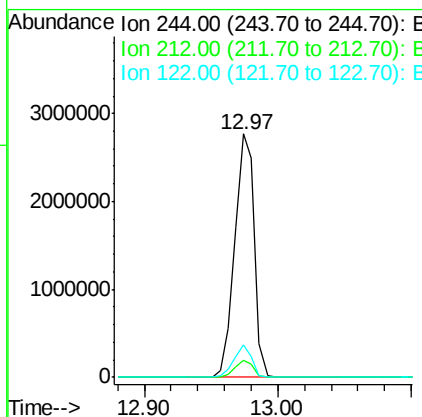
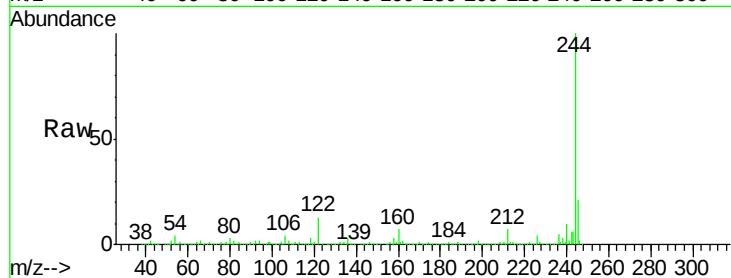




#79
 Terphenyl-d14
 Concen: 77.90 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119430.D
 Acq: 18 Mar 2020 22:24

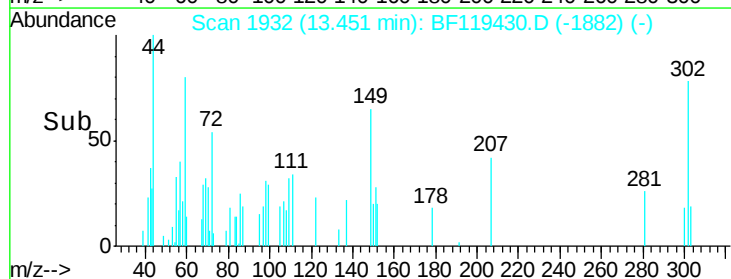
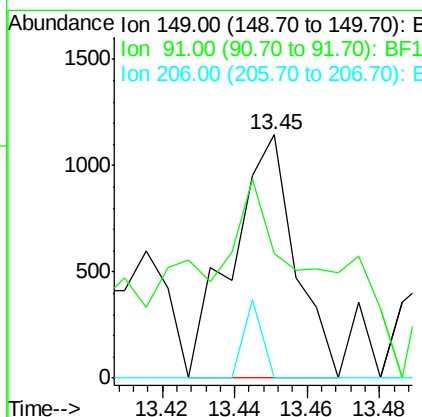
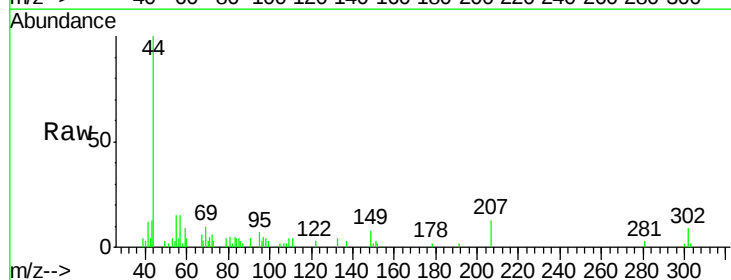
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-219

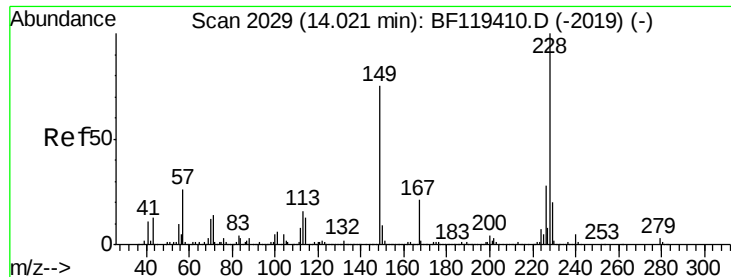
Tgt Ion: 244 Resp: 2832915
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 13.1 9.8 14.8



#80
 Butylbenzylphthalate
 Concen: 0.06 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF119430.D
 Acq: 18 Mar 2020 22:24

Tgt Ion: 149 Resp: 1369
 Ion Ratio Lower Upper
 149 100
 91 51.4 57.0 85.6#
 206 0.0 16.4 24.6#





#81

Benzo(a)anthracene

Concen: 0.23 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

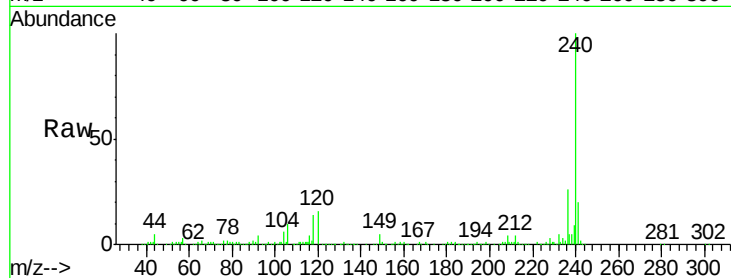
Tgt Ion:228 Resp: 10465

Ion Ratio Lower Upper

228 100

226 30.6 22.3 33.5

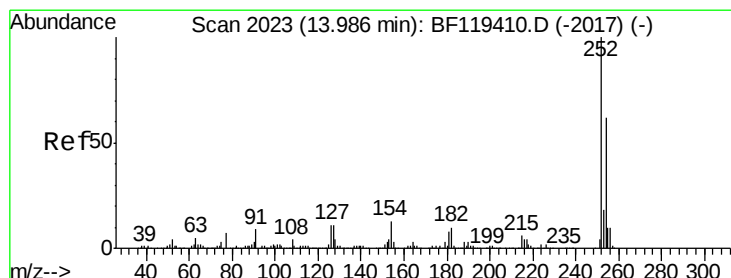
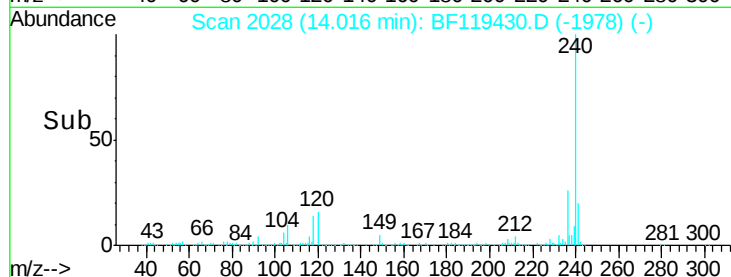
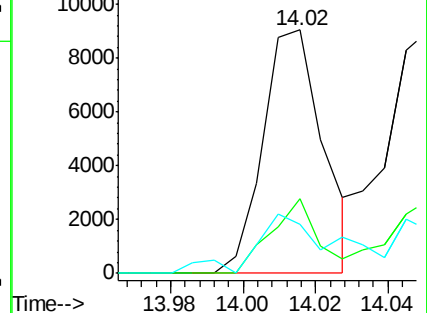
229 20.3 16.3 24.5



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: 0.02 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.11 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

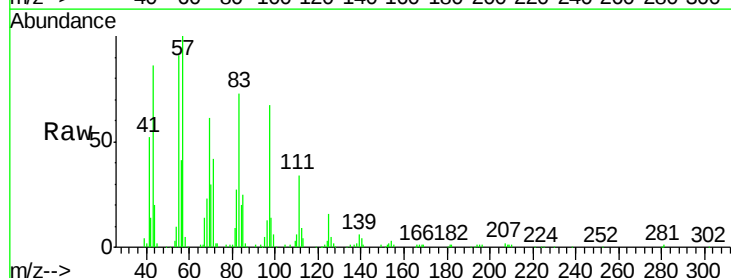
Tgt Ion:252 Resp: 451

Ion Ratio Lower Upper

252 100

254 0.0 49.8 74.8#

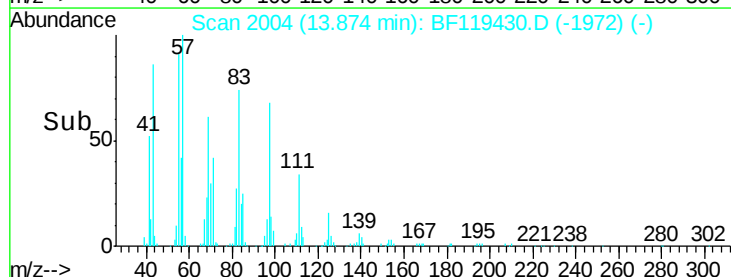
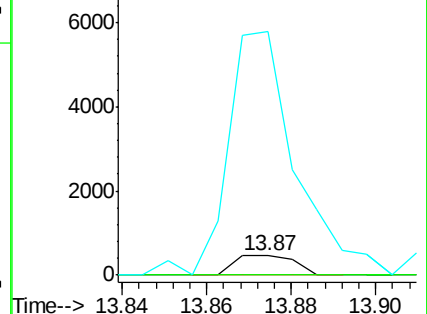
126 1263.8 8.9 13.3#

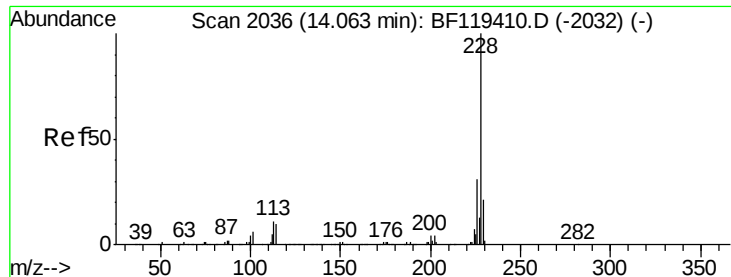


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 0.20 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

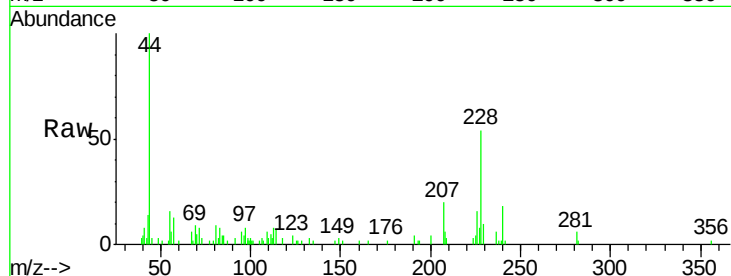
Tgt Ion:228 Resp: 9712

Ion Ratio Lower Upper

228 100

226 29.5 24.8 37.2

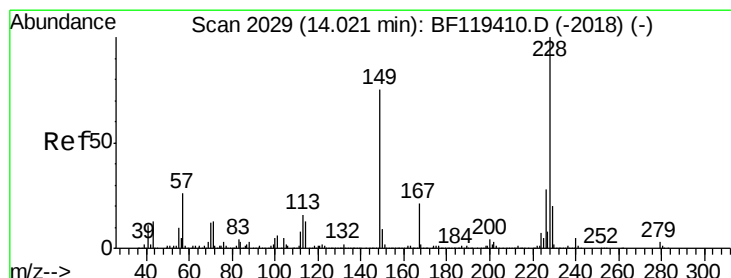
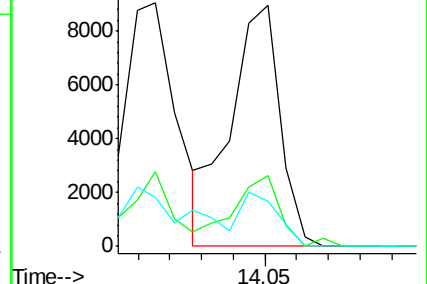
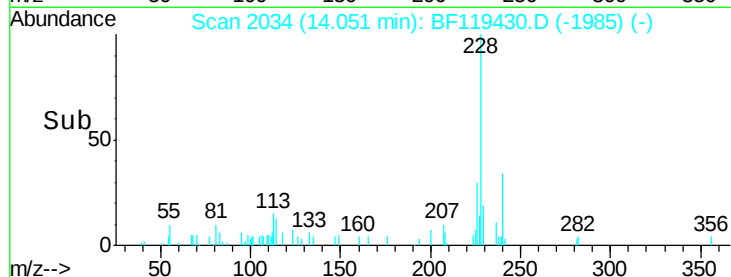
229 18.9 16.6 25.0



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: 0.55 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

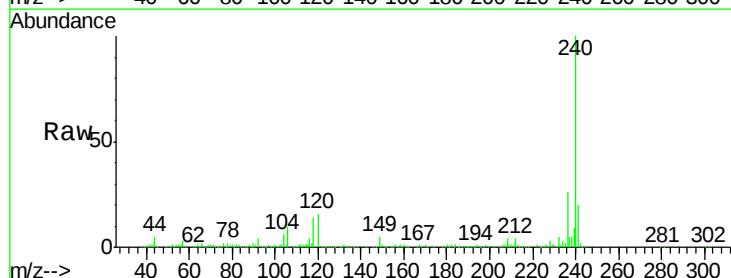
Tgt Ion:149 Resp: 15589

Ion Ratio Lower Upper

149 100

167 23.9 22.0 33.0

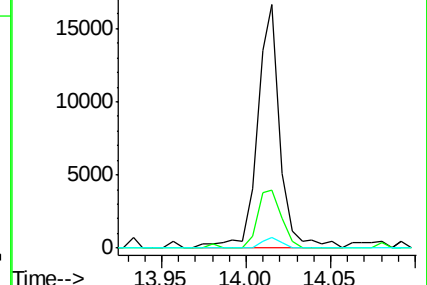
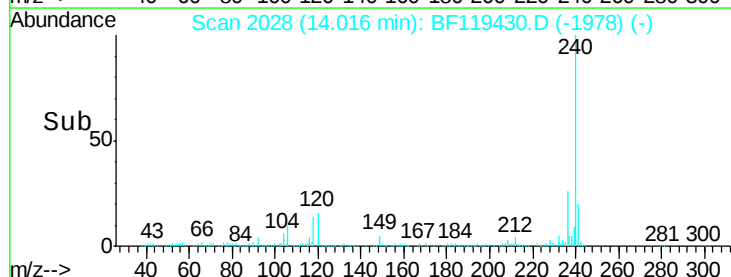
279 4.3 3.2 4.8

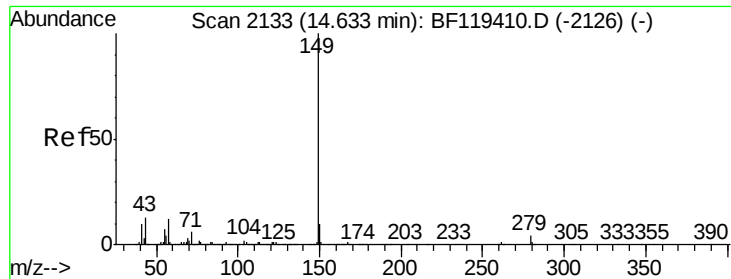


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.03 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.02 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

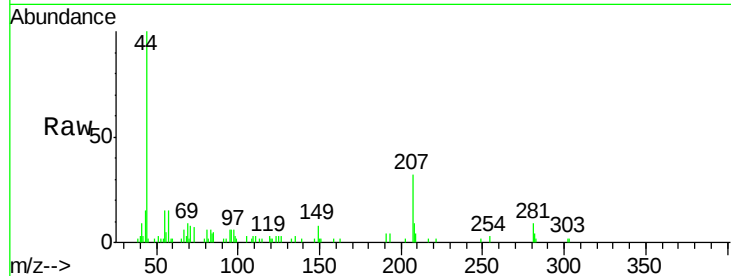
Tgt Ion:149 Resp: 1485

Ion Ratio Lower Upper

149 100

167 7.9 1.1 1.7#

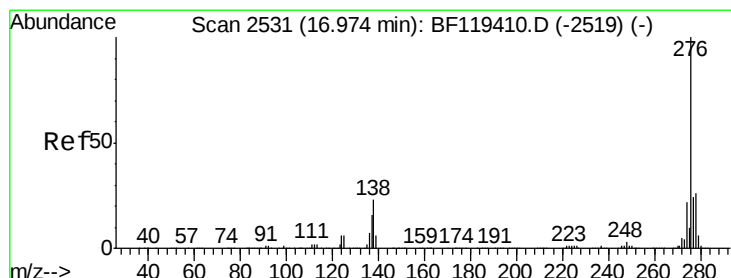
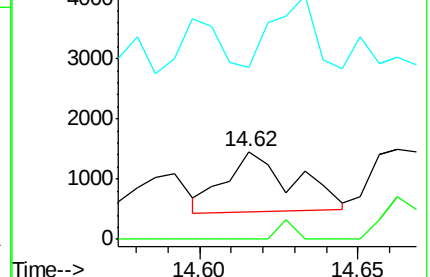
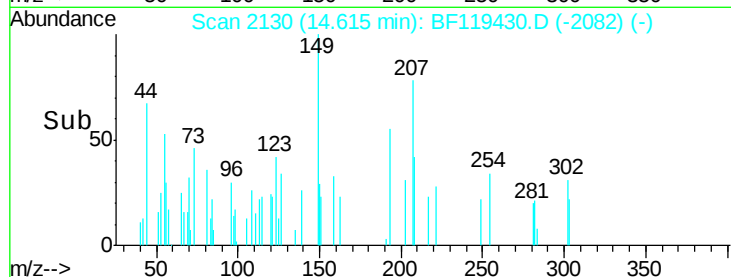
43 0.0 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.12 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

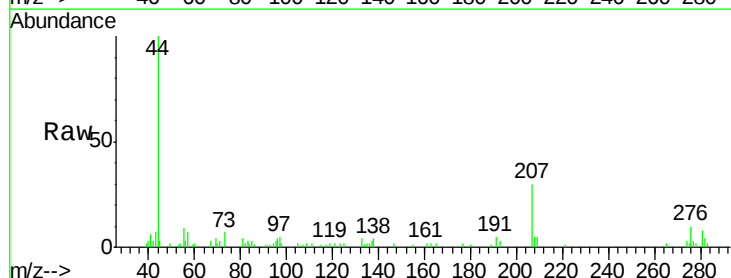
Tgt Ion:276 Resp: 5598

Ion Ratio Lower Upper

276 100

138 25.3 21.3 31.9

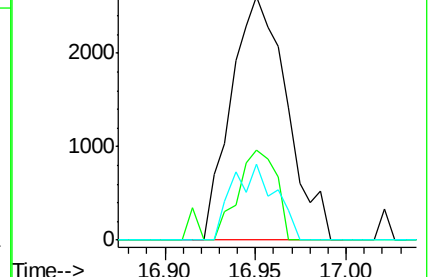
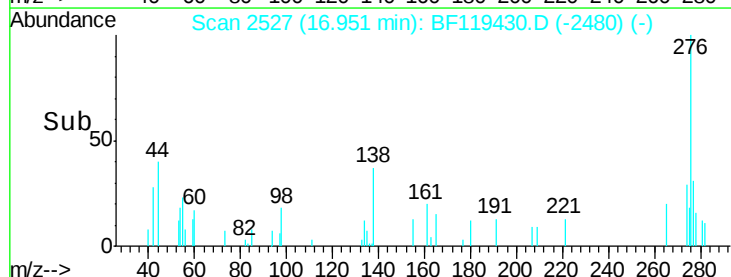
277 24.0 20.2 30.2

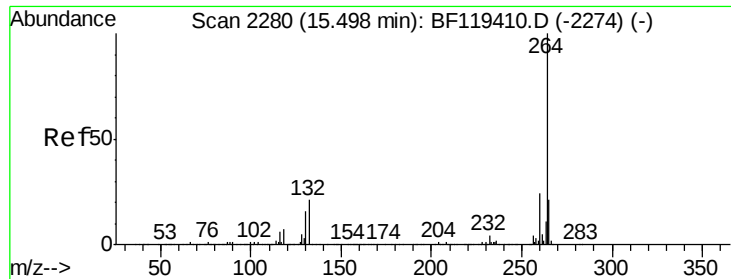


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

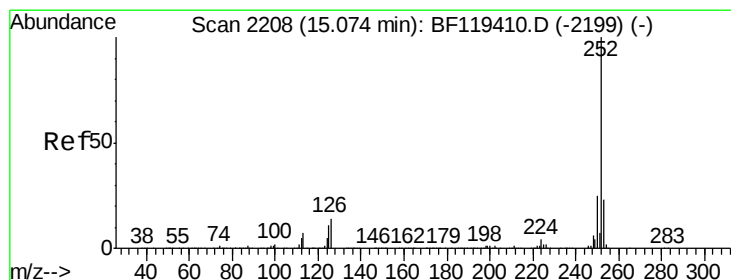
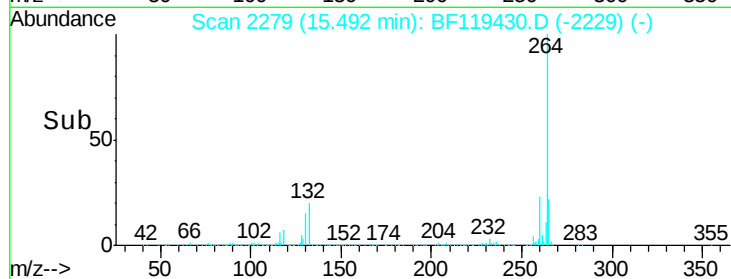
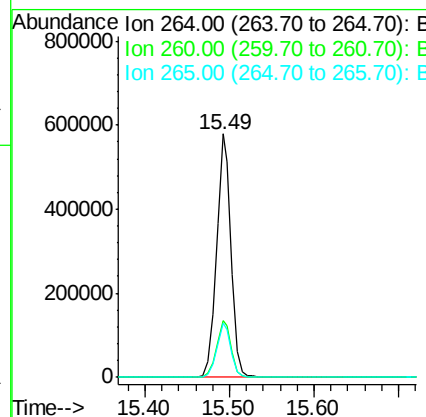
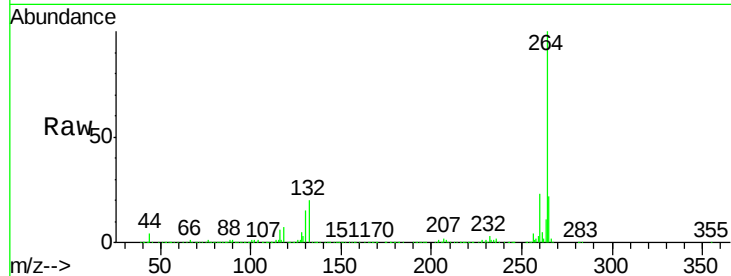




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

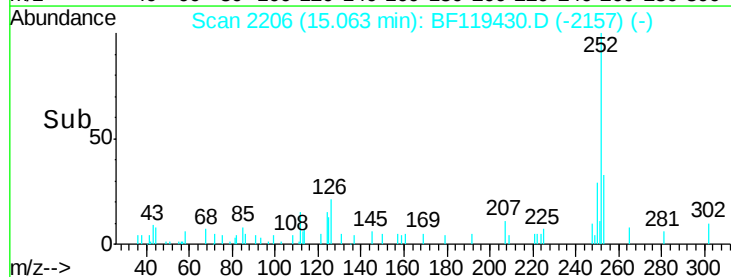
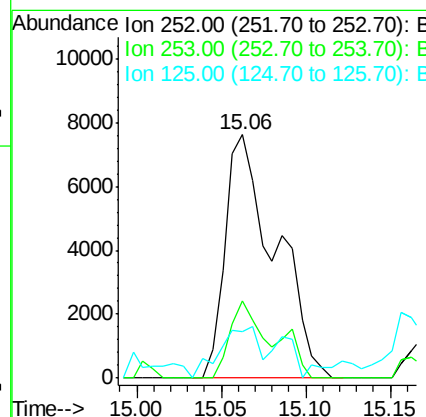
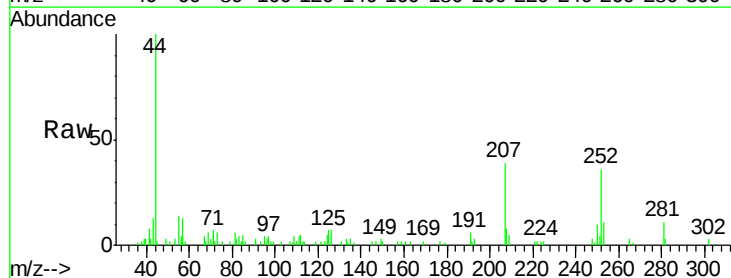
Instrument :
BNA_F
ClientSampleId :
VNJ-219

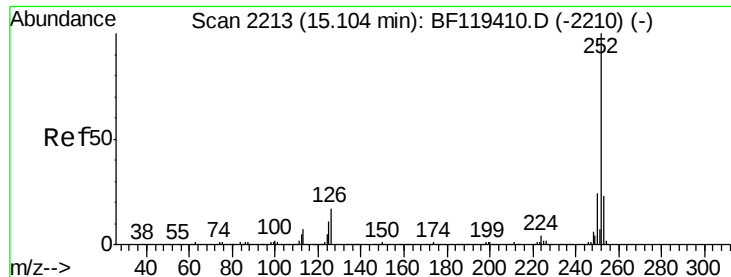
Tgt Ion: 264 Resp: 704161
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.2 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 0.33 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

Tgt Ion: 252 Resp: 15606
Ion Ratio Lower Upper
252 100
253 31.5 18.2 27.4#
125 19.1 8.8 13.2#

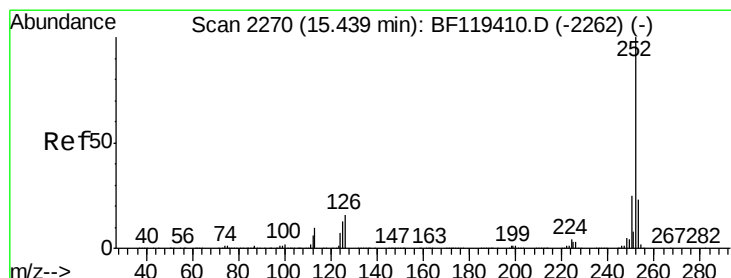
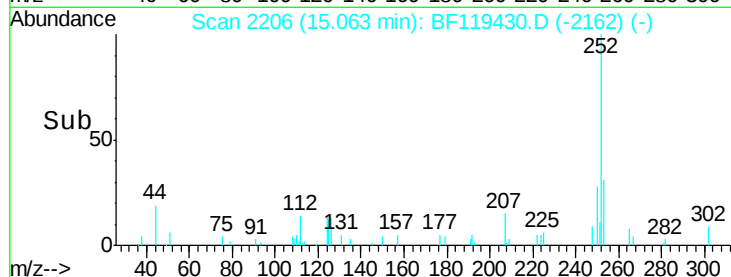
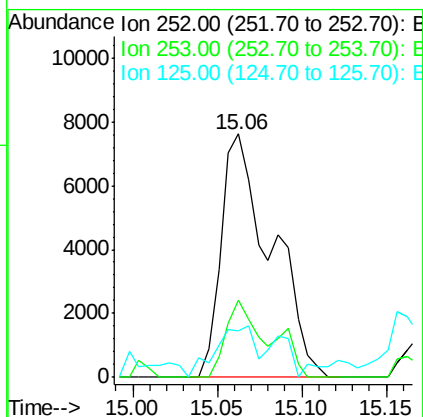
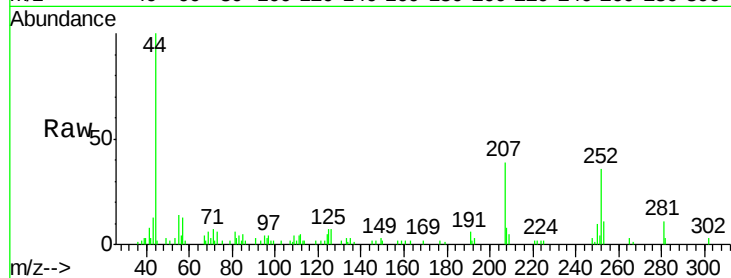




#89
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

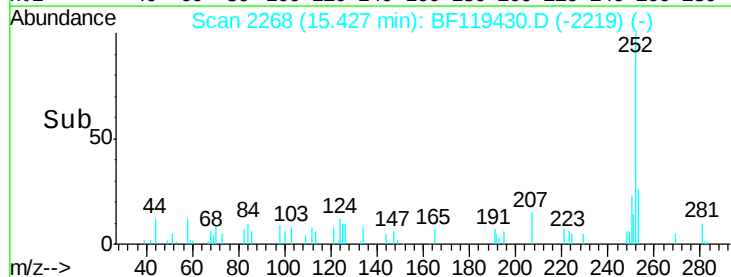
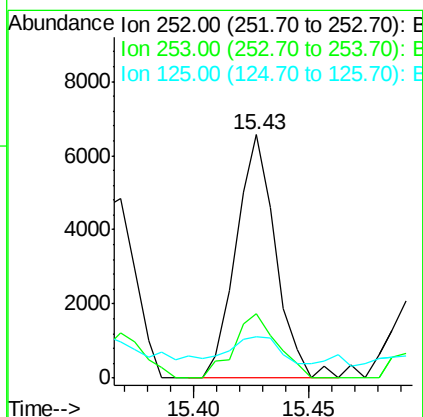
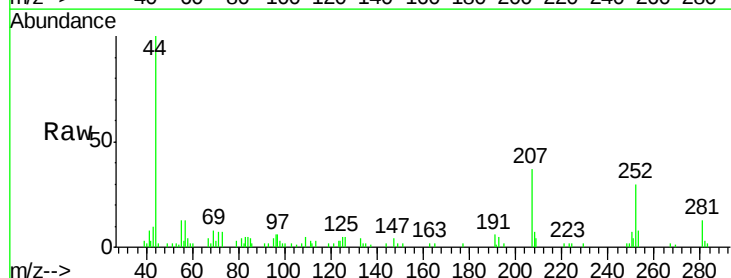
Instrument :
BNA_F
ClientSampleId :
VNJ-219

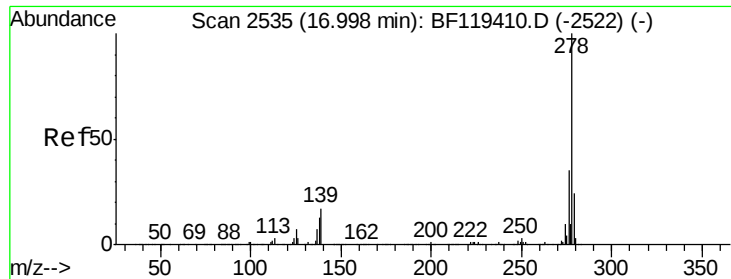
Tgt Ion:252 Resp: 15606
Ion Ratio Lower Upper
252 100
253 31.5 18.2 27.4#
125 19.1 9.0 13.4#



#90
Benzo(a)pyrene
Concen: 0.18 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119430.D
Acq: 18 Mar 2020 22:24

Tgt Ion:252 Resp: 7798
Ion Ratio Lower Upper
252 100
253 26.4 18.2 27.4
125 17.0 10.2 15.2#





#91

Dibenzo(a,h)anthracene

Concen: 0.04 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.02 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Instrument :

BNA_F

ClientSampleId :

VNJ-219

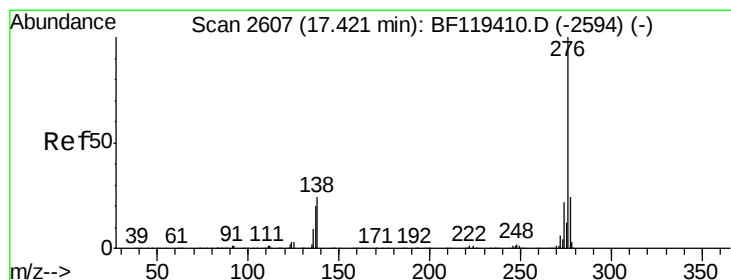
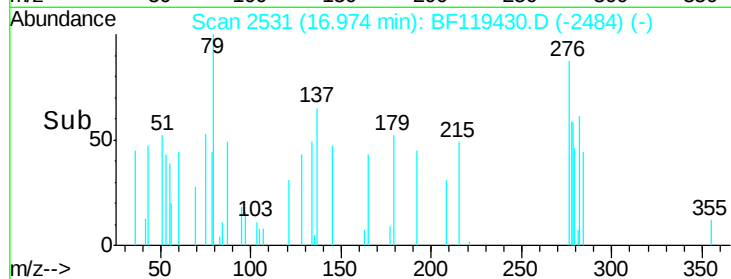
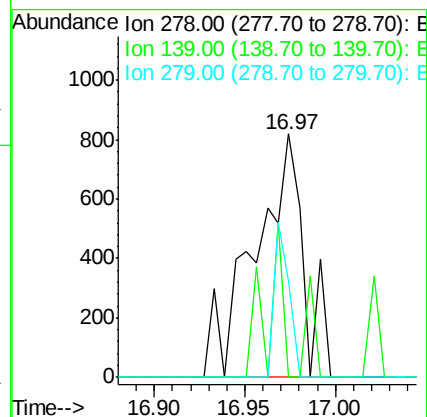
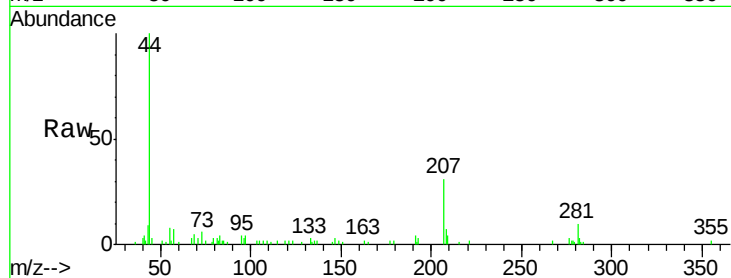
Tgt Ion:278 Resp: 1544

Ion Ratio Lower Upper

278 100

139 0.0 13.7 20.5#

279 39.6 19.2 28.8#



#92

Benzo(g,h,i)perylene

Concen: 0.18 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BF119430.D

Acq: 18 Mar 2020 22:24

Tgt Ion:276 Resp: 6671

Ion Ratio Lower Upper

276 100

277 19.5 18.8 28.2

138 22.8 19.1 28.7

