

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127158.D
 Acq On : 02 Mar 2022 20:33
 Operator : CG\JU
 Sample : N1713-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-235

Quant Time: Mar 03 00:57:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

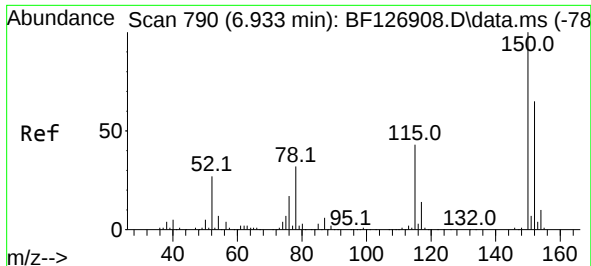
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	74466	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	280437	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	113464	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	150881	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	147445	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	130134	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	435452	90.380	ng	0.01
7) Phenol-d6	6.522	99	520252	80.024	ng	0.00
23) Nitrobenzene-d5	7.457	82	360408	58.009	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	80759	61.819	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	338686	43.943	ng	0.00
79) Terphenyl-d14	13.010	244	234659	23.396	ng	0.00
Target Compounds						Qvalue
6) Aniline	6.592	93	202270	26.259	ng	# 49
9) Benzaldehyde	6.445	77	33817	8.545	ng	# 70
10) Phenol	6.534	94	32480	4.944	ng	# 62
11) bis(2-Chloroethyl)ether	6.592	93	202270	39.258	ng	# 22
15) Benzyl Alcohol	7.040	79	36452	6.656	ng	87
16) 2,2'-oxybis(1-Chloropr...	7.334	45	32103	3.957	ng	89
17) 2-Methylphenol	7.304	107	31353	7.010	ng	87
18) Hexachloroethane	7.422	117	12558	5.795	ng	# 1
19) n-Nitroso-di-n-propyla...	7.275	70	24217	5.781	ng	# 60
20) 3+4-Methylphenols	7.304	107	31206	5.373	ng	# 71
22) Acetophenone	7.281	105	39411	5.338	ng	# 56
25) Isophorone	7.692	82	32787	3.189	ng	# 1
28) bis(2-Chloroethoxy)met...	7.875	93	24074	3.862	ng	# 1
32) Benzoic acid	7.951	122	31192	10.714	ng	# 78
36) 4-Chloro-3-methylphenol	8.739	107	14726	2.985	ng	# 25
37) 2-Methylnaphthalene	8.886	142	34465	3.628	ng	94
38) 1-Methylnaphthalene	8.986	142	22653	2.490	ng	91
53) 3-Nitroaniline	9.910	138	4729	2.345	ng	# 28
66) n-Nitrosodiphenylamine	10.575	169	11171	2.258	ng	# 84
81) Benzo(a)anthracene	14.080	228	27067	2.723	ng	# 81
83) Chrysene	14.080	228	27067	2.896	ng	# 79

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

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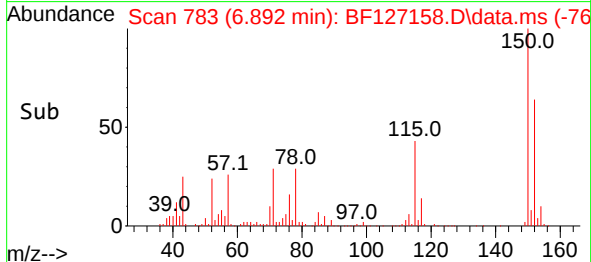
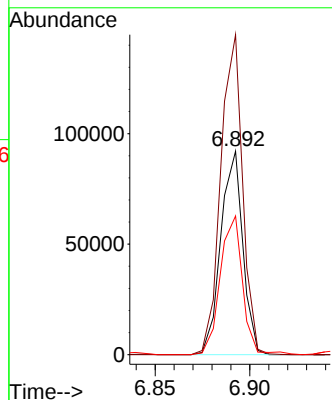
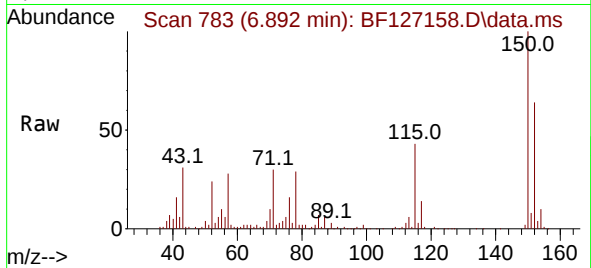




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF127158.D
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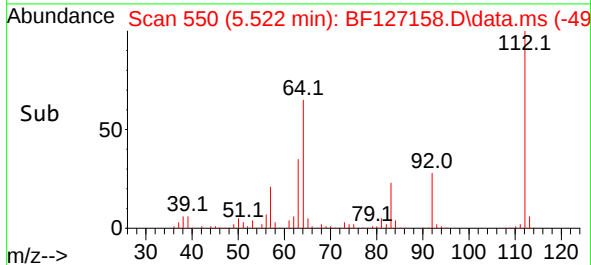
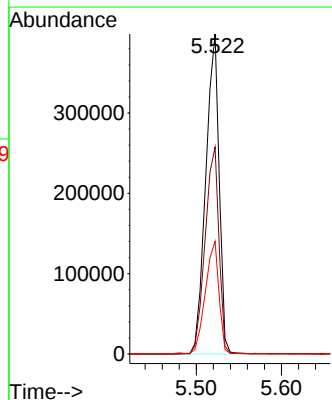
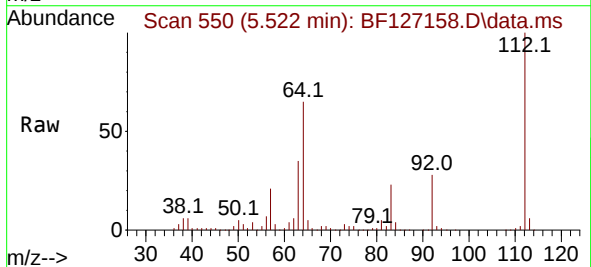
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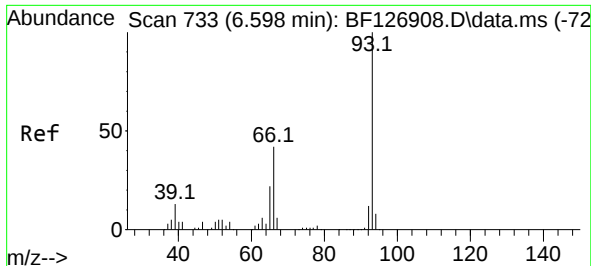
Tgt Ion:152 Resp: 74466
Ion Ratio Lower Upper
152 100
150 157.2 128.1 192.1
115 68.1 56.7 85.1



#5
2-Fluorophenol
Concen: 90.380 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

Tgt Ion:112 Resp: 435452
Ion Ratio Lower Upper
112 100
64 64.6 49.5 74.3
63 35.2 23.9 35.9





#6

Aniline

Concen: 26.259 ng

RT: 6.592 min Scan# 71

Delta R.T. 0.035 min

Lab File: BF127158.D

Acq: 02 Mar 2022 20:33

Instrument :

BNA_F

ClientSampleId :

VNJ-235

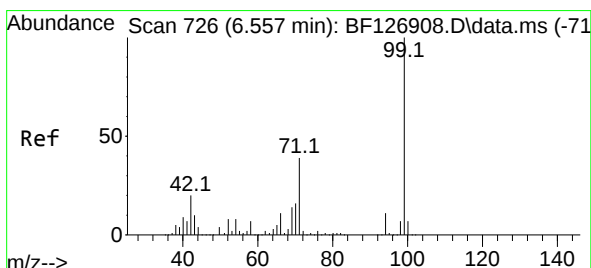
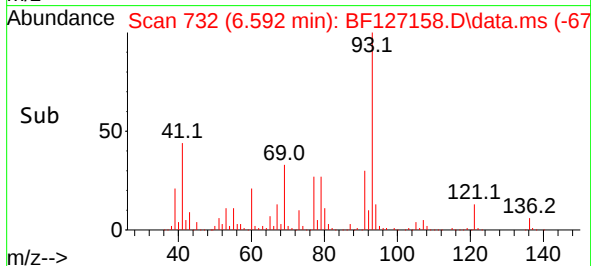
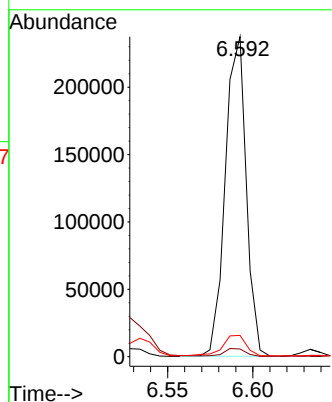
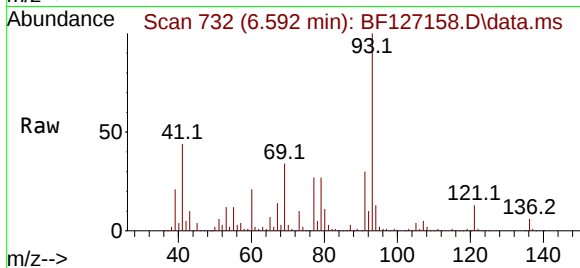
Tgt Ion: 93 Resp: 202270

Ion Ratio Lower Upper

93 100

66 2.4 32.2 48.4#

65 6.7 16.3 24.5#



#7

Phenol-d6

Concen: 80.024 ng

RT: 6.522 min Scan# 720

Delta R.T. -0.000 min

Lab File: BF127158.D

Acq: 02 Mar 2022 20:33

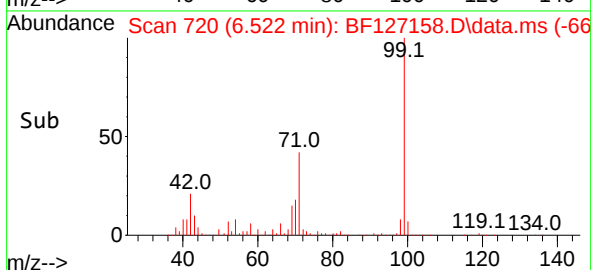
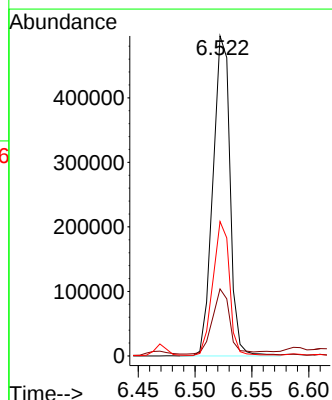
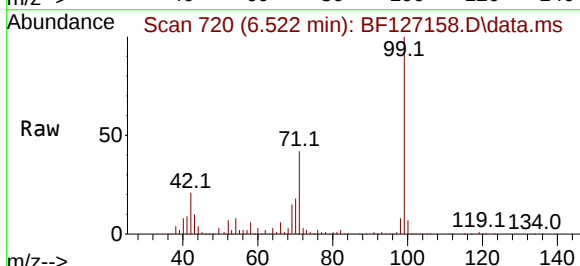
Tgt Ion: 99 Resp: 520252

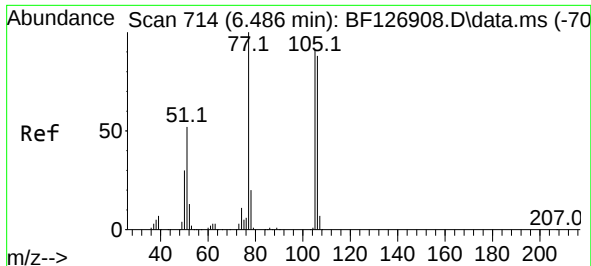
Ion Ratio Lower Upper

99 100

42 20.9 14.2 21.4

71 42.0 24.3 36.5#

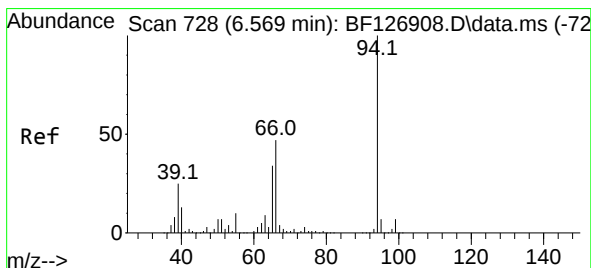
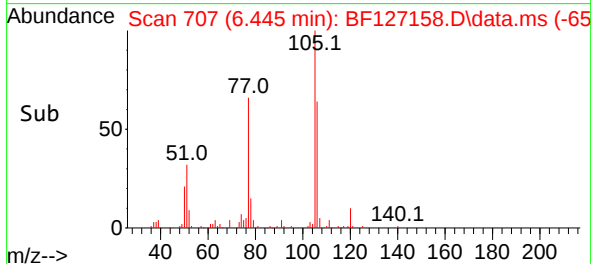
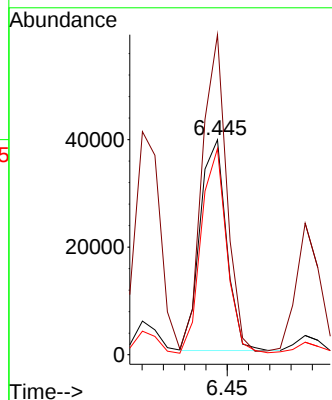
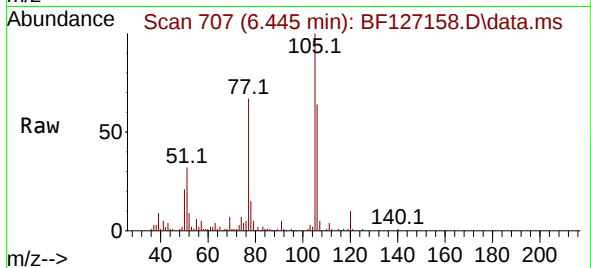




#9
Benzaldehyde
Concen: 8.545 ng
RT: 6.445 min Scan# 707
Delta R.T. -0.000 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

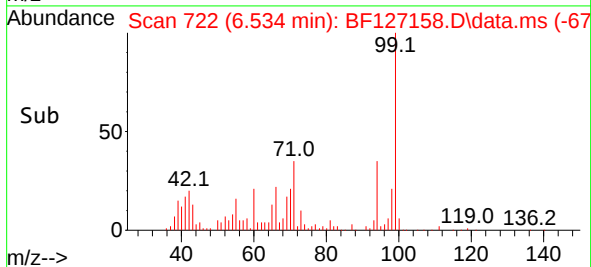
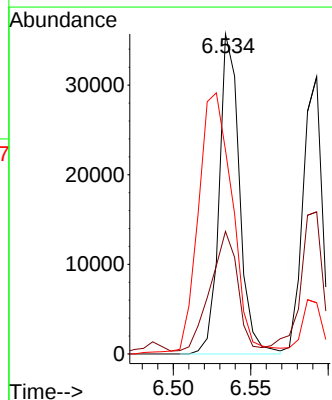
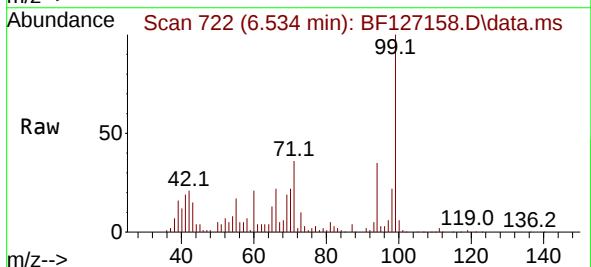
Instrument :
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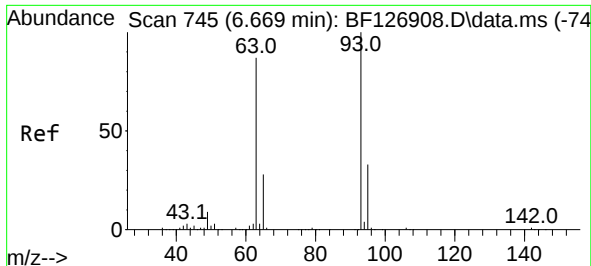
Tgt Ion: 77 Resp: 33817
Ion Ratio Lower Upper
77 100
105 149.0 74.9 114.9#
106 95.9 72.4 112.4



#10
Phenol
Concen: 4.944 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

Tgt Ion: 94 Resp: 32480
Ion Ratio Lower Upper
94 100
65 38.3 7.2 47.2
66 63.7 14.5 54.5#

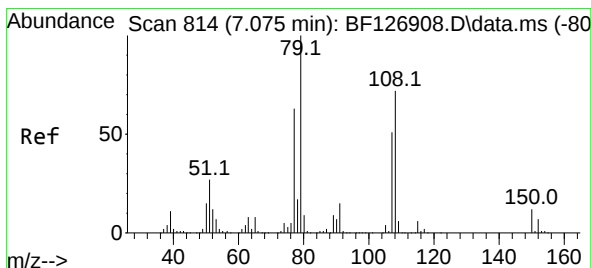
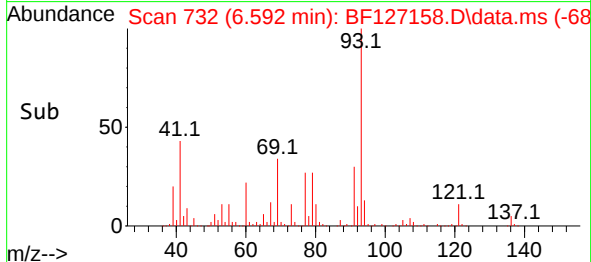
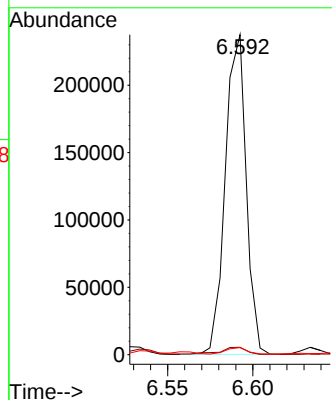
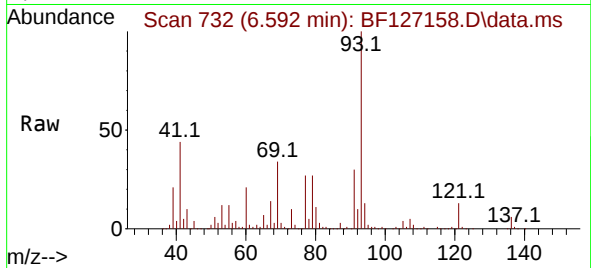




#11
bis(2-Chloroethyl)ether
Concen: 39.258 ng
RT: 6.592 min Scan# 71
Delta R.T. -0.035 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

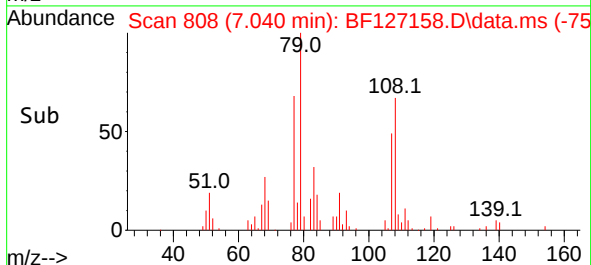
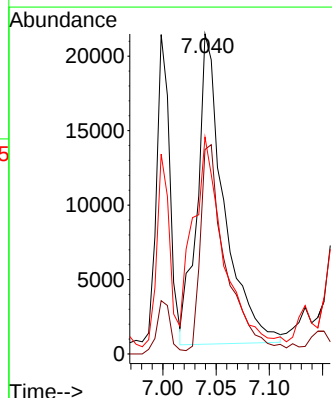
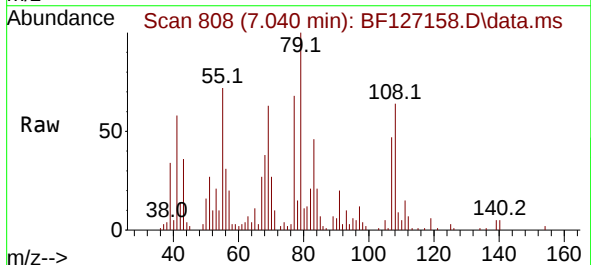
Instrument :
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ClientSampleId :
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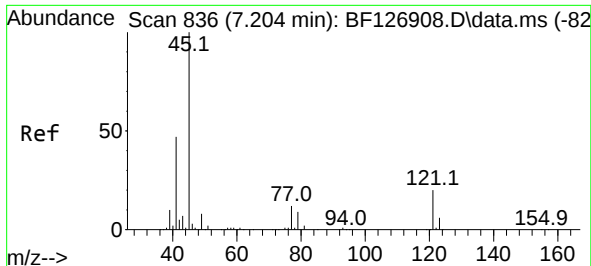
Tgt Ion: 93 Resp: 202270
Ion Ratio Lower Upper
93 100
63 2.3 60.5 100.5#
95 2.2 12.9 52.9#



#15
Benzyl Alcohol
Concen: 6.656 ng
RT: 7.040 min Scan# 808
Delta R.T. 0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

Tgt Ion: 79 Resp: 36452
Ion Ratio Lower Upper
79 100
108 63.9 63.2 94.8
77 67.7 49.4 74.2

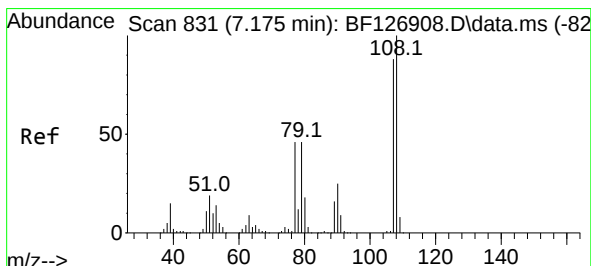
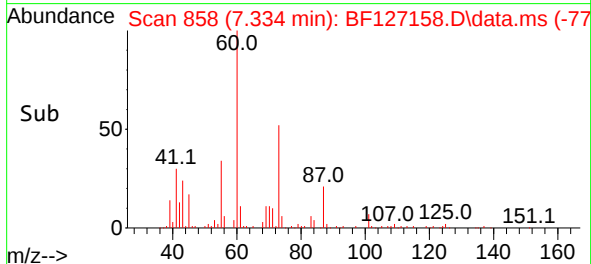
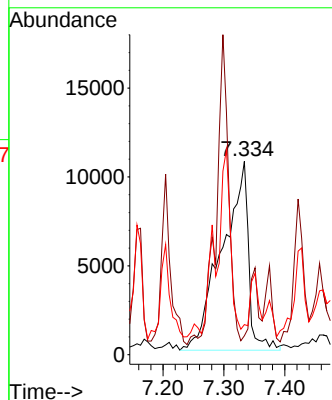
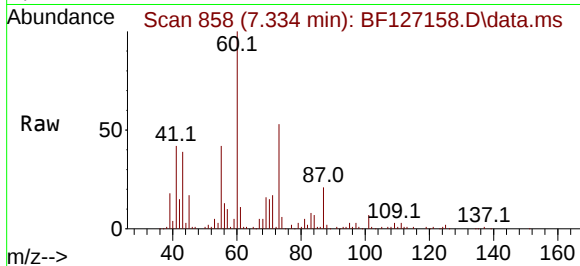




#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.957 ng
RT: 7.334 min Scan# 81
Delta R.T. 0.171 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

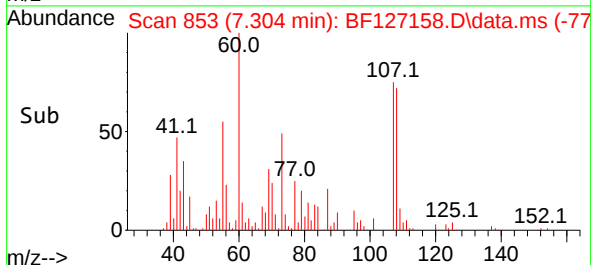
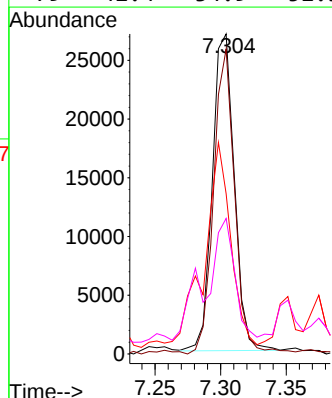
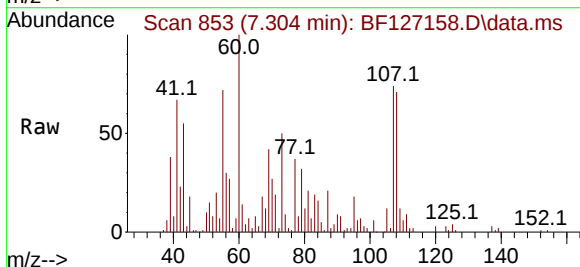
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ClientSampleId :
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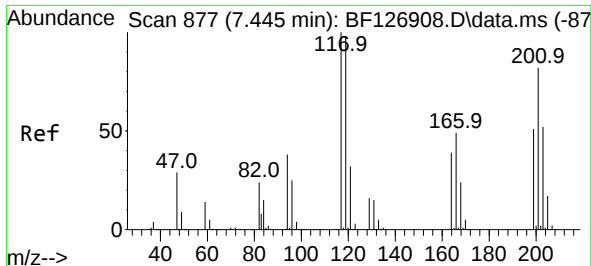
Tgt Ion: 45 Resp: 32103
Ion Ratio Lower Upper
45 100
77 9.8 0.0 32.4
79 15.6 0.0 29.8



#17
2-Methylphenol
Concen: 7.010 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.159 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

Tgt Ion: 107 Resp: 31353
Ion Ratio Lower Upper
107 100
108 95.3 93.4 140.0
77 50.1 36.1 54.1
79 42.4 34.9 52.3

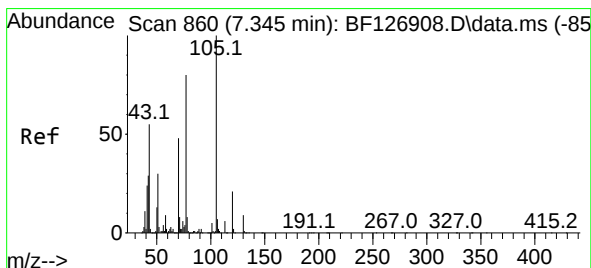
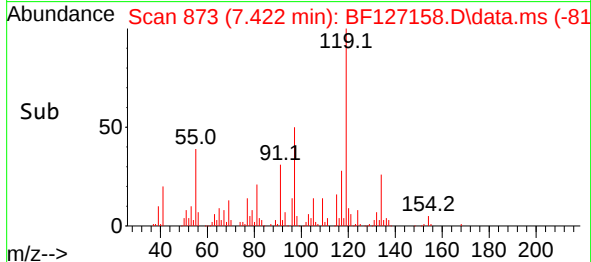
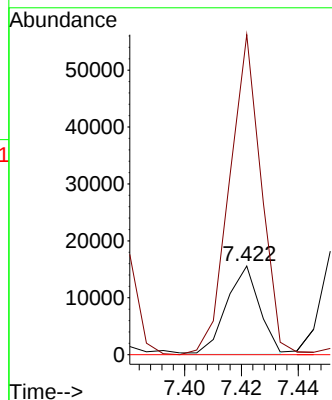
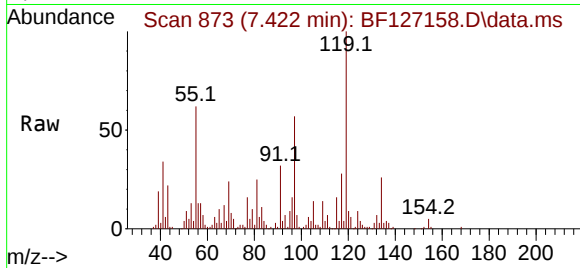




#18
Hexachloroethane
Concen: 5.795 ng
RT: 7.422 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

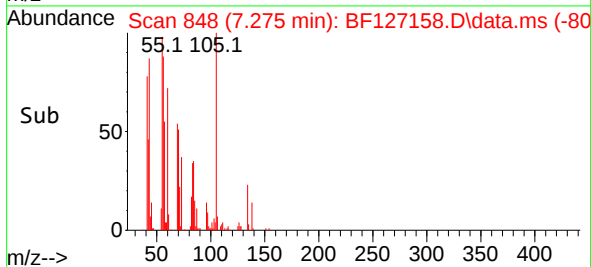
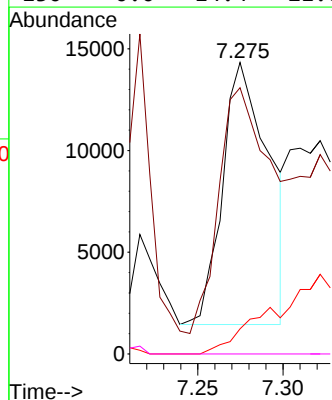
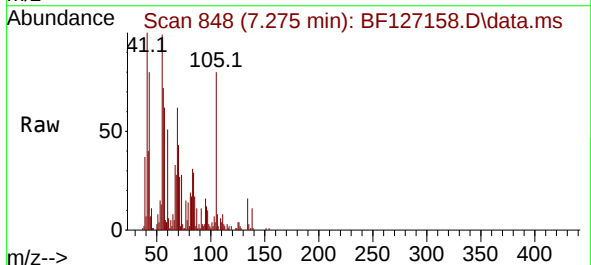
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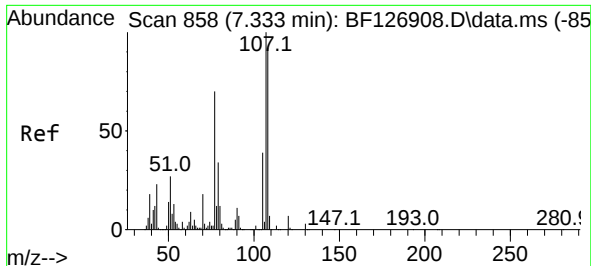
Tgt Ion:117 Resp: 12558
Ion Ratio Lower Upper
117 100
119 361.1 75.4 113.0#
201 0.0 56.8 85.2#



#19
n-Nitroso-di-n-propylamine
Concen: 5.781 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.029 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

Tgt Ion: 70 Resp: 24217
Ion Ratio Lower Upper
70 100
42 91.3 45.8 68.8#
101 8.6 6.9 10.3
130 0.0 14.4 21.6#

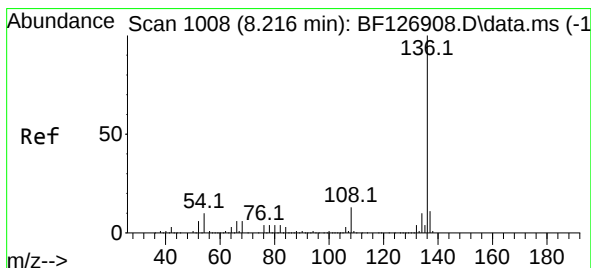
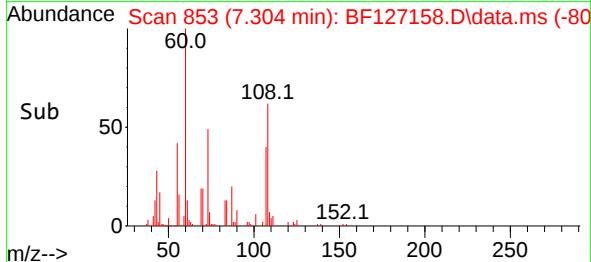
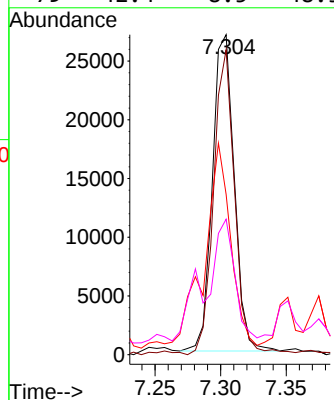
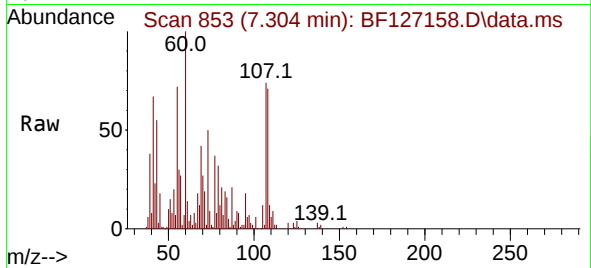




#20
3+4-Methylphenols
Concen: 5.373 ng
RT: 7.304 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

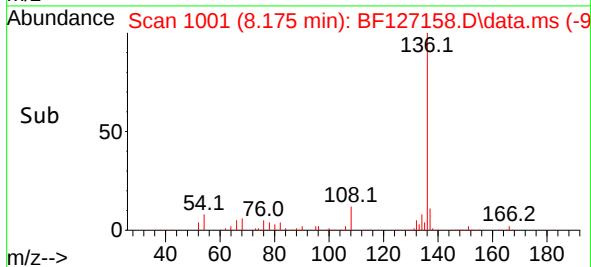
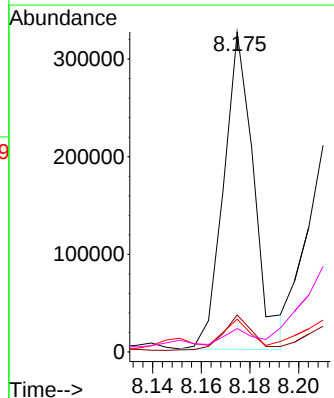
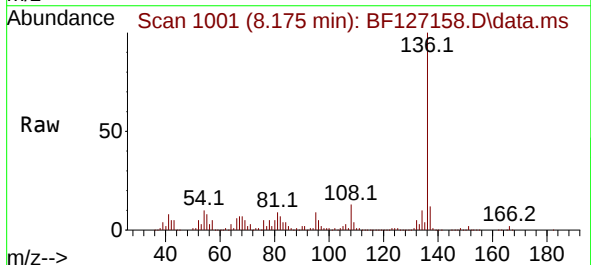
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ClientSampleId :
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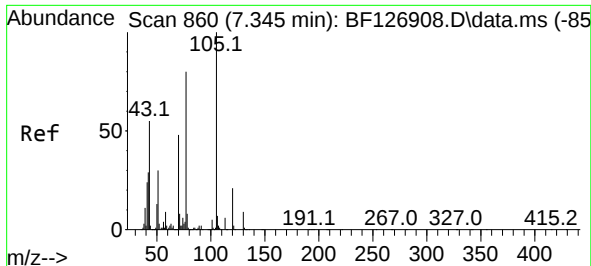
Tgt Ion:107	Resp:	31206
Ion	Ratio	Lower Upper
107	100	
108	95.3	72.4 112.4
77	50.1	83.8 123.8#
79	42.4	8.5 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127158.D
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Tgt Ion:136	Resp:	280437
Ion	Ratio	Lower Upper
136	100	
137	11.6	8.6 13.0
54	10.2	7.8 11.6
68	7.3	6.3 9.5

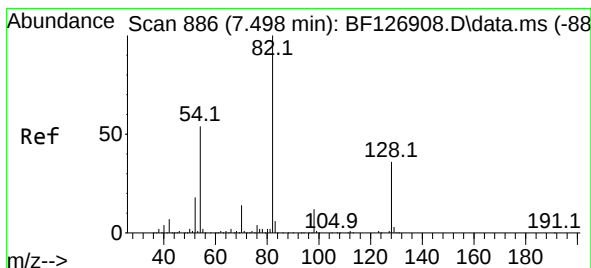
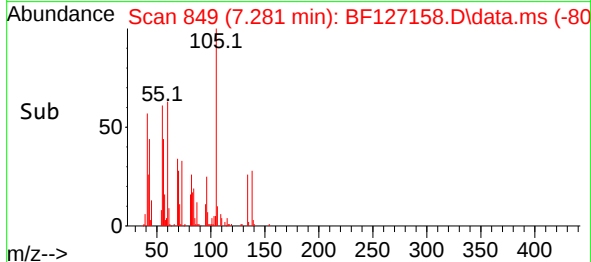
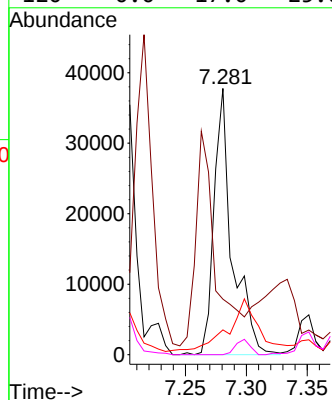
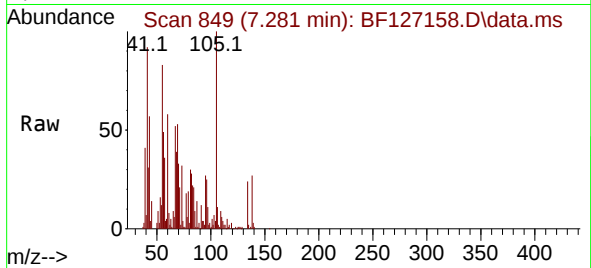




#22
Acetophenone
Concen: 5.338 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.024 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

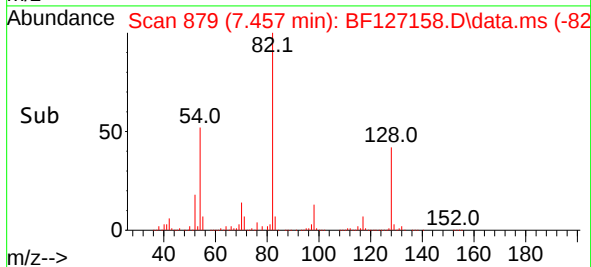
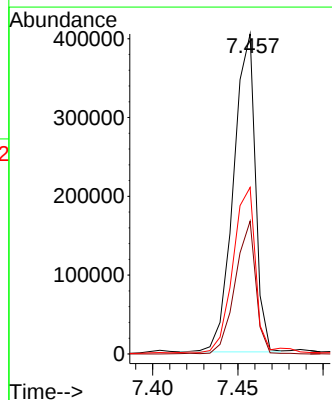
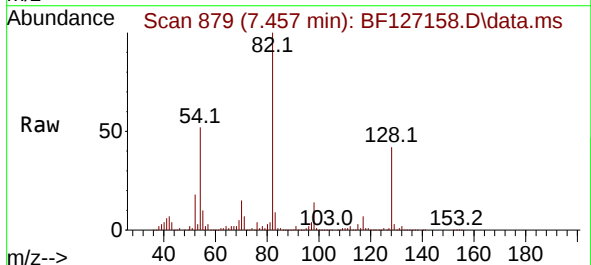
Instrument :
BNA_F
ClientSampleId :
VNJ-235

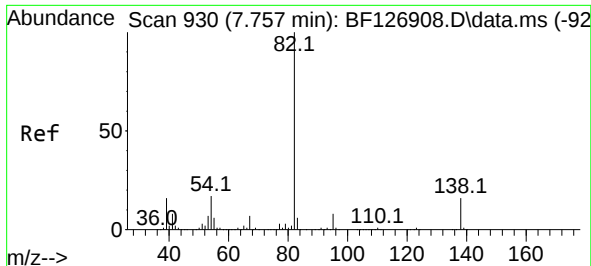
Tgt Ion:105 Resp: 39411
Ion Ratio Lower Upper
105 100
71 20.9 5.4 8.0#
51 9.3 27.4 41.0#
120 0.0 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 58.009 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

Tgt Ion: 82 Resp: 360408
Ion Ratio Lower Upper
82 100
128 41.5 32.7 49.1
54 52.0 41.7 62.5

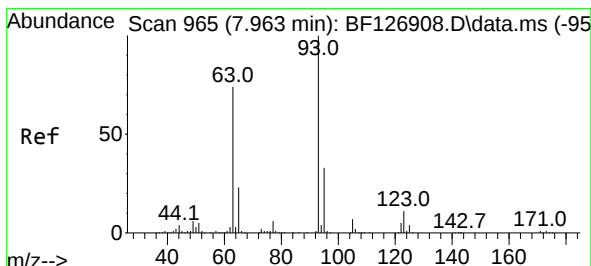
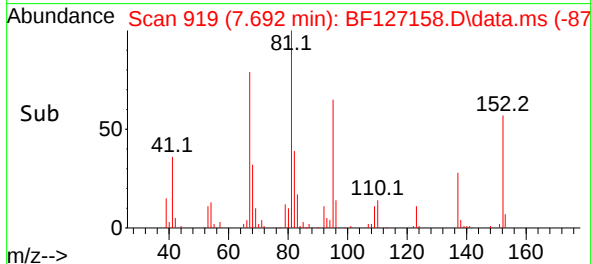
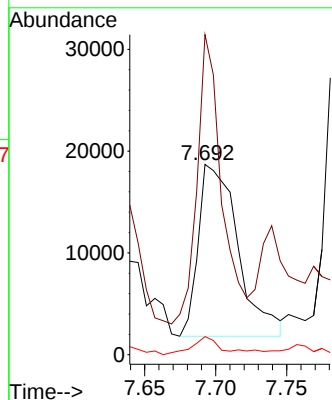
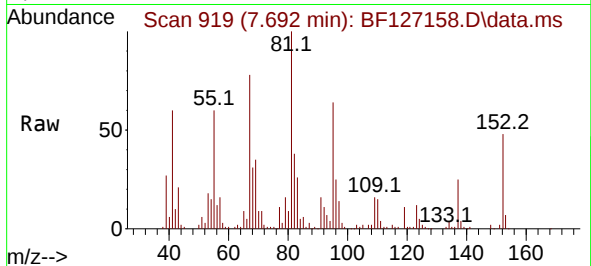




#25
Isophorone
Concen: 3.189 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.024 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

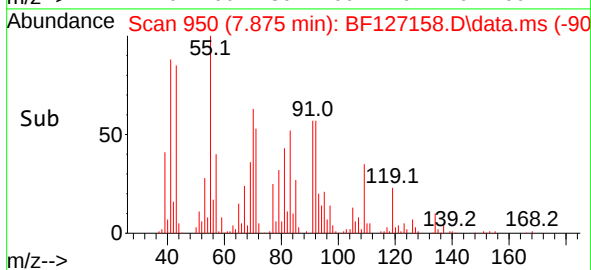
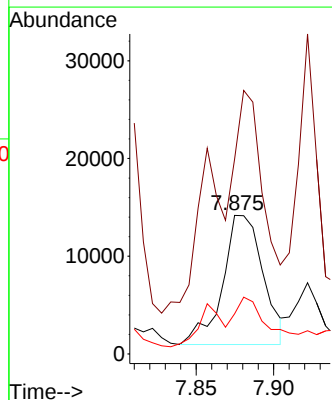
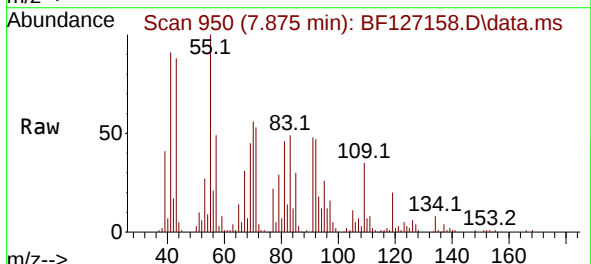
Instrument :
BNA_F
ClientSampleId :
VNJ-235

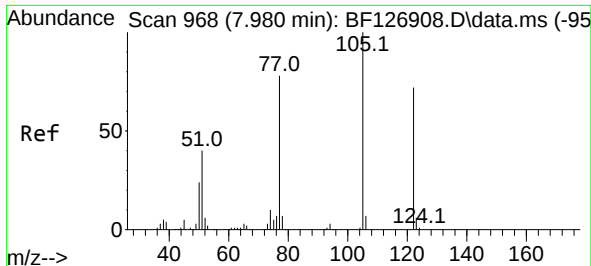
Tgt Ion: 82 Resp: 32787
Ion Ratio Lower Upper
82 100
95 168.2 5.0 7.4#
138 9.5 12.3 18.5#



#28
bis(2-Chloroethoxy)methane
Concen: 3.862 ng
RT: 7.875 min Scan# 950
Delta R.T. -0.047 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

Tgt Ion: 93 Resp: 24074
Ion Ratio Lower Upper
93 100
95 140.6 25.4 38.2#
123 29.0 8.9 13.3#

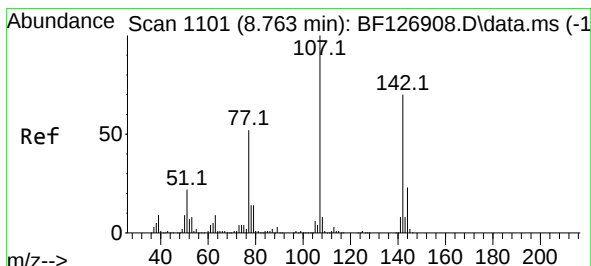
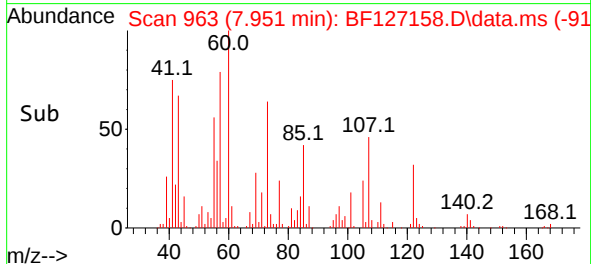
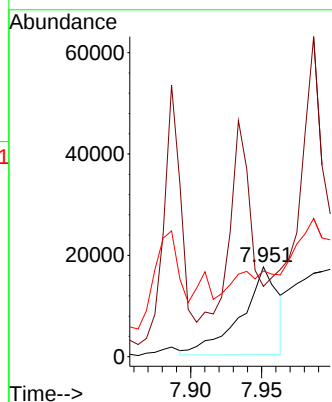
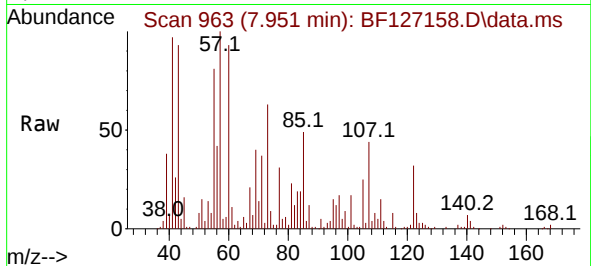




#32
Benzoic acid
Concen: 10.714 ng
RT: 7.951 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

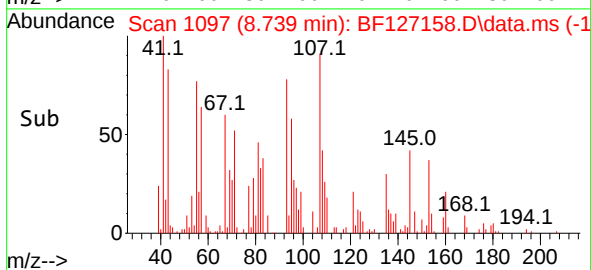
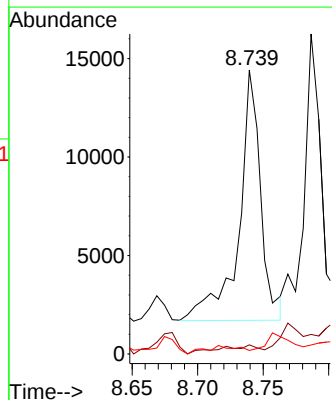
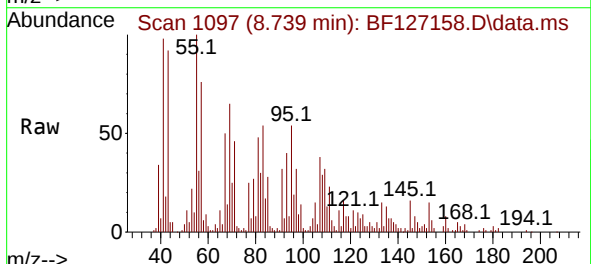
Instrument :
BNA_F
ClientSampleId :
VNJ-235

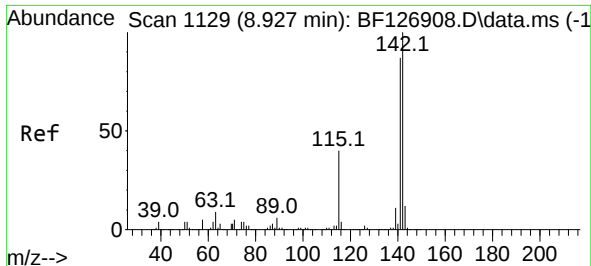
Tgt Ion:122 Resp: 31192
Ion Ratio Lower Upper
122 100
105 78.2 101.0 141.0#
77 95.5 74.5 114.5



#36
4-Chloro-3-methylphenol
Concen: 2.985 ng
RT: 8.739 min Scan# 1097
Delta R.T. 0.012 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

Tgt Ion:107 Resp: 14726
Ion Ratio Lower Upper
107 100
144 3.2 18.5 27.7#
142 1.2 58.1 87.1#

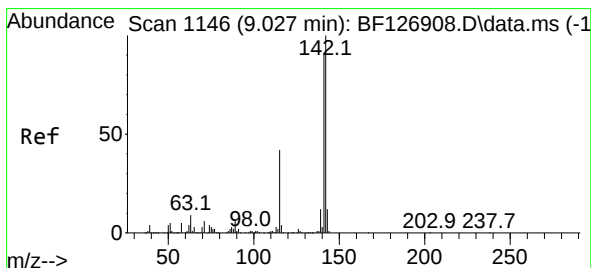
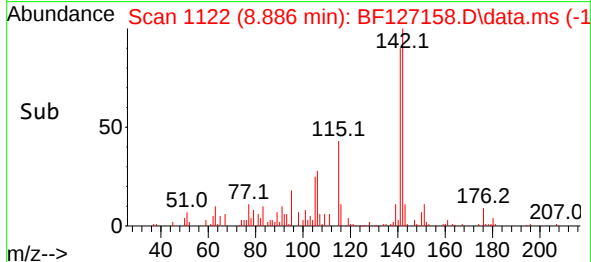
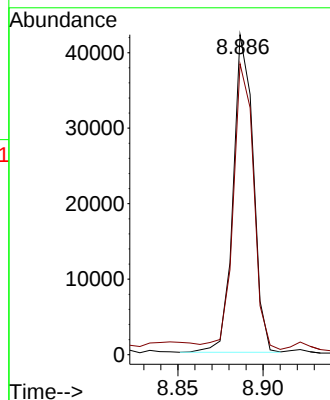
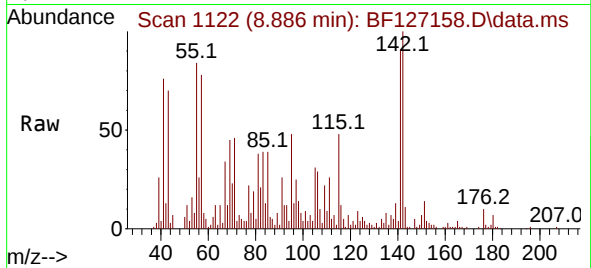




#37
2-Methylnaphthalene
Concen: 3.628 ng
RT: 8.886 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

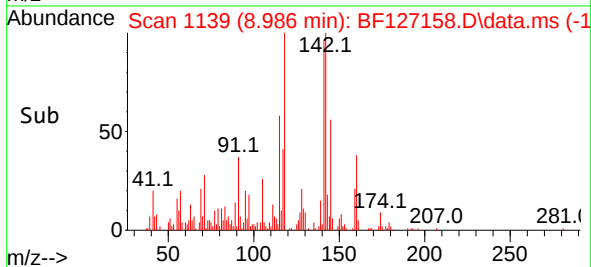
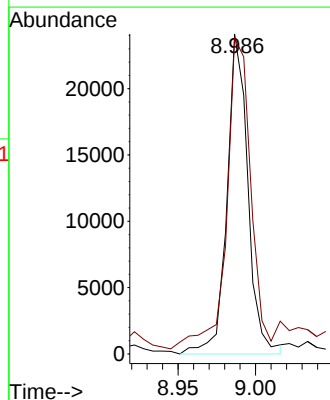
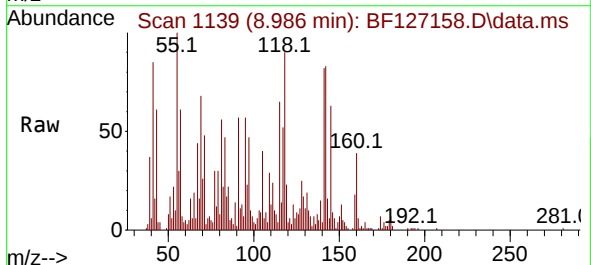
Instrument :
BNA_F
ClientSampleId :
VNJ-235

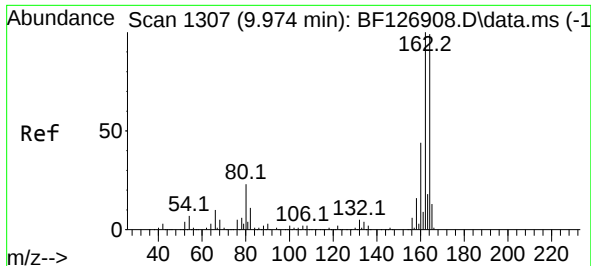
Tgt Ion:142 Resp: 34465
Ion Ratio Lower Upper
142 100
141 90.9 68.6 102.8



#38
1-Methylnaphthalene
Concen: 2.490 ng
RT: 8.986 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

Tgt Ion:142 Resp: 22653
Ion Ratio Lower Upper
142 100
141 98.7 72.1 108.1

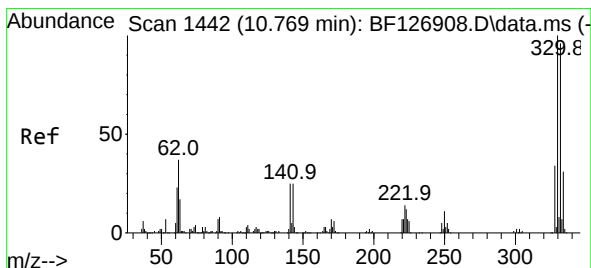
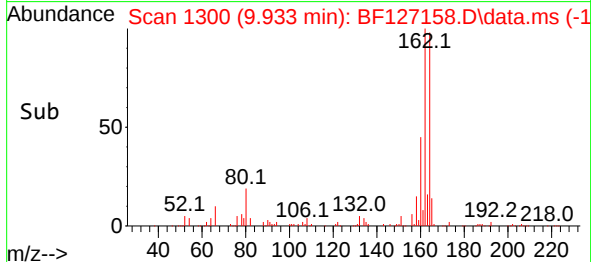
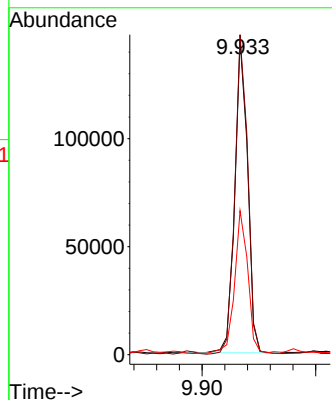
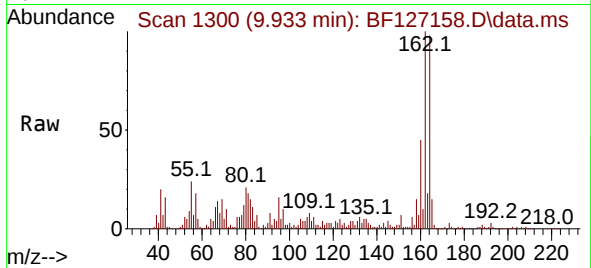




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

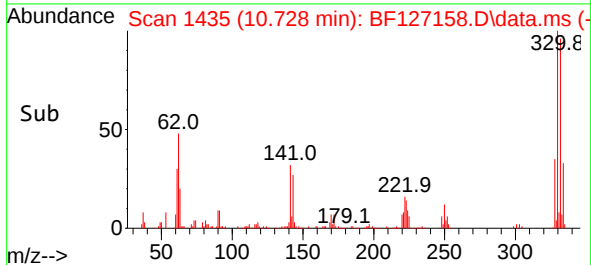
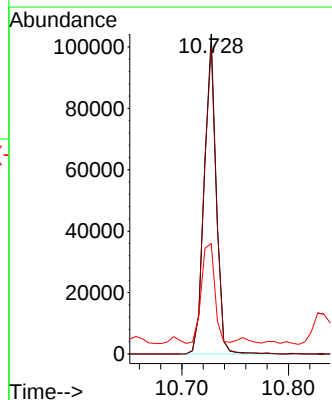
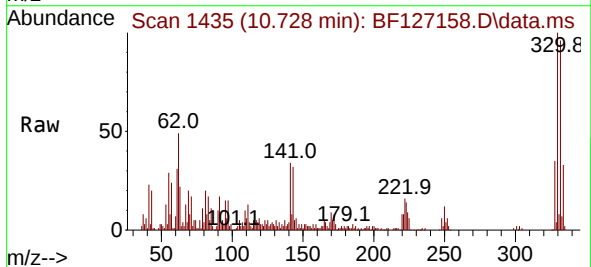
Instrument :
BNA_F
ClientSampleId :
VNJ-235

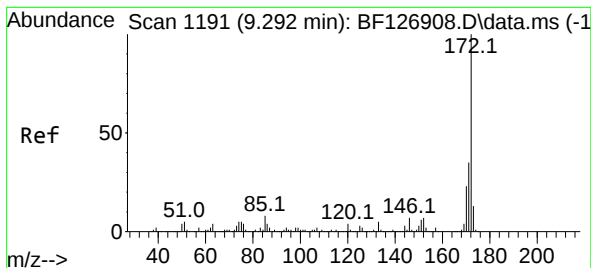
Tgt Ion:164 Resp: 113464
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 45.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 61.819 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

Tgt Ion:330 Resp: 80759
Ion Ratio Lower Upper
330 100
332 98.9 76.0 114.0
141 35.6 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 43.943 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127158.D

Acq: 02 Mar 2022 20:33

Instrument :

BNA_F

ClientSampleId :

VNJ-235

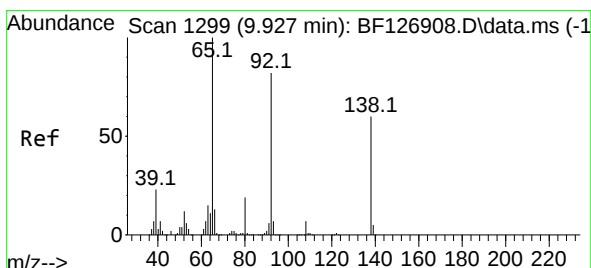
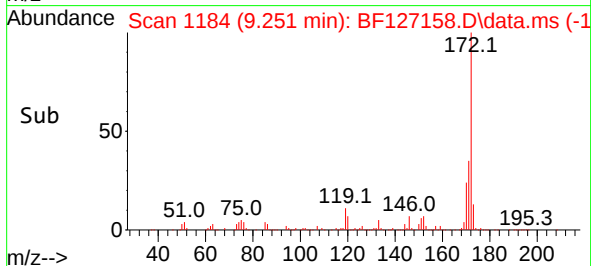
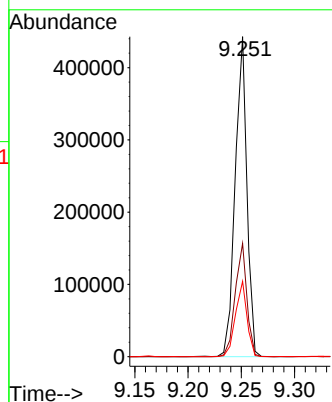
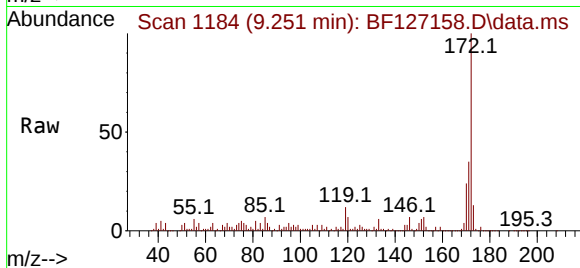
Tgt Ion:172 Resp: 338686

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 19.0 28.6



#53

3-Nitroaniline

Concen: 2.345 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.018 min

Lab File: BF127158.D

Acq: 02 Mar 2022 20:33

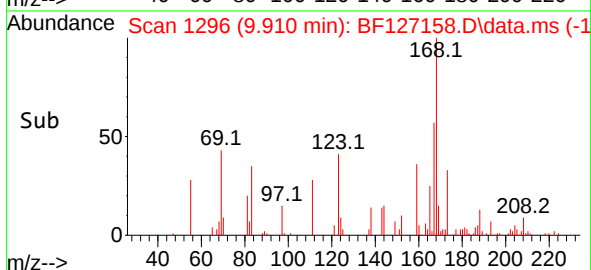
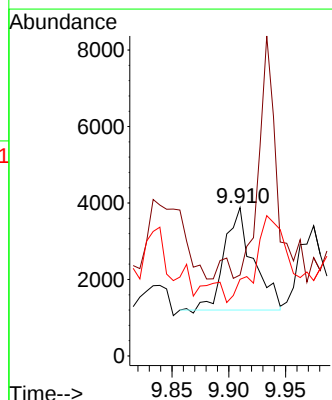
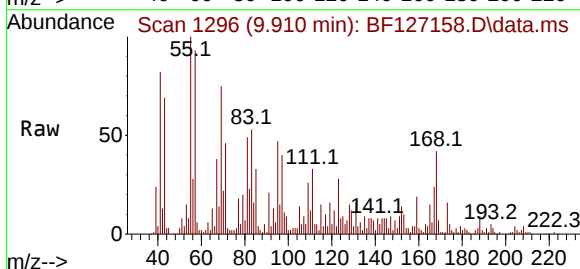
Tgt Ion:138 Resp: 4729

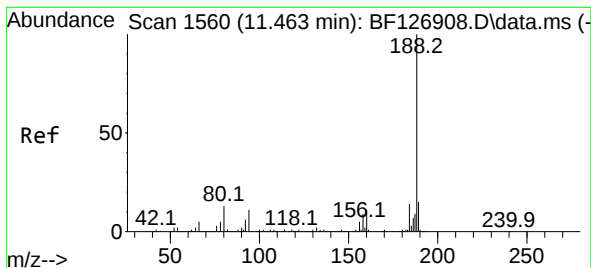
Ion Ratio Lower Upper

138 100

108 54.6 8.6 13.0#

92 51.7 105.0 157.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF127158.D

Acq: 02 Mar 2022 20:33

Instrument :

BNA_F

ClientSampleId :

VNJ-235

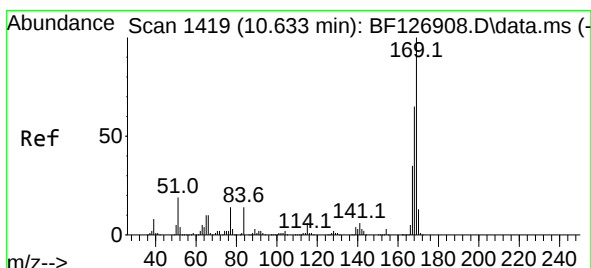
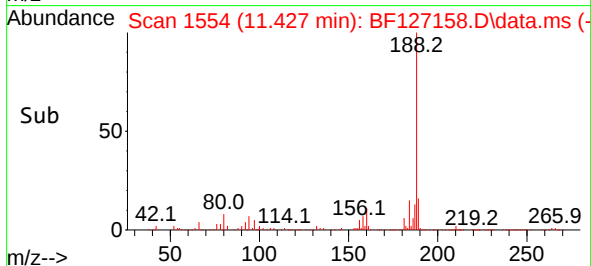
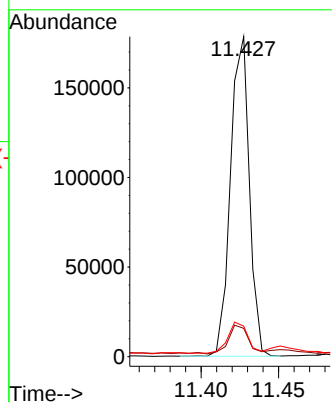
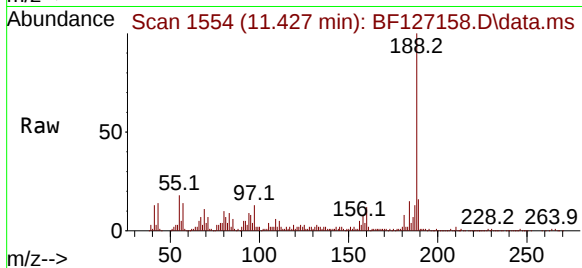
Tgt Ion:188 Resp: 150881

Ion Ratio Lower Upper

188 100

94 8.8 10.1 15.1#

80 9.6 11.8 17.6#



#66

n-Nitrosodiphenylamine

Concen: 2.258 ng

RT: 10.575 min Scan# 1409

Delta R.T. -0.024 min

Lab File: BF127158.D

Acq: 02 Mar 2022 20:33

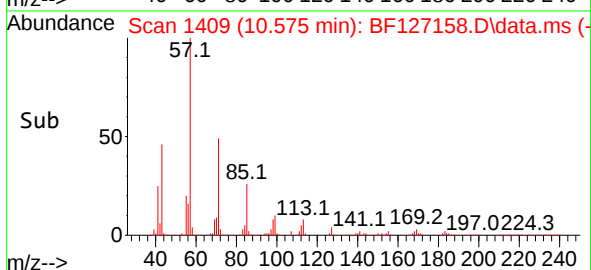
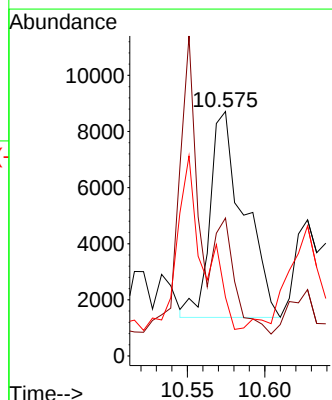
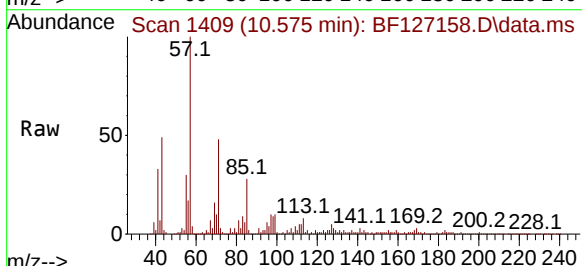
Tgt Ion:169 Resp: 11171

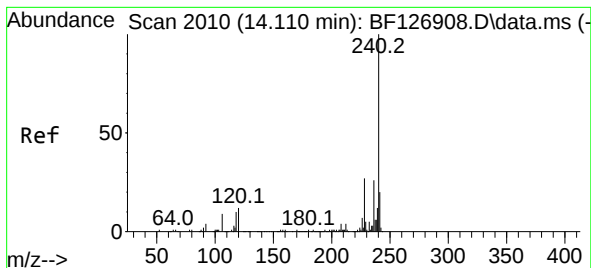
Ion Ratio Lower Upper

169 100

168 56.4 53.4 80.0

167 24.0 29.4 44.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF127158.D

Acq: 02 Mar 2022 20:33

Instrument :

BNA_F

ClientSampleId :

VNJ-235

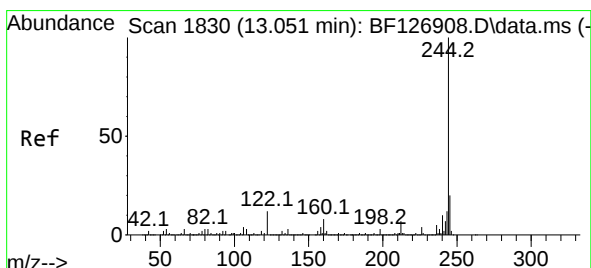
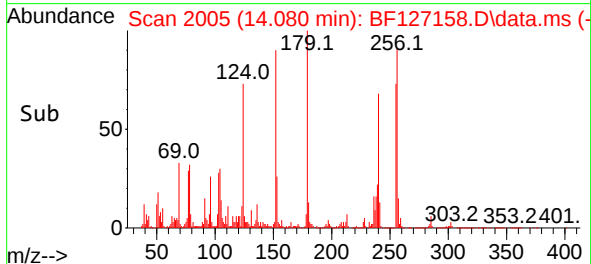
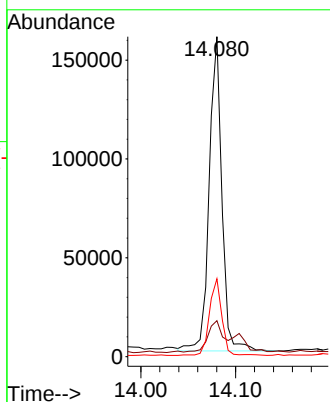
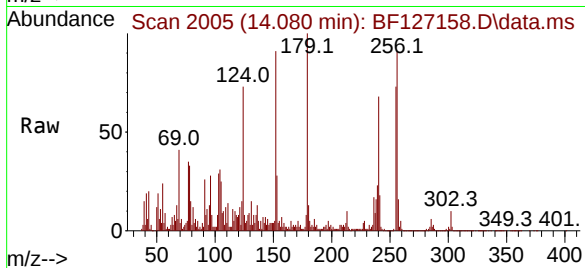
Tgt Ion:240 Resp: 147445

Ion Ratio Lower Upper

240 100

120 11.2 14.4 21.6#

236 24.3 20.5 30.7



#79

Terphenyl-d14

Concen: 23.396 ng

RT: 13.010 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF127158.D

Acq: 02 Mar 2022 20:33

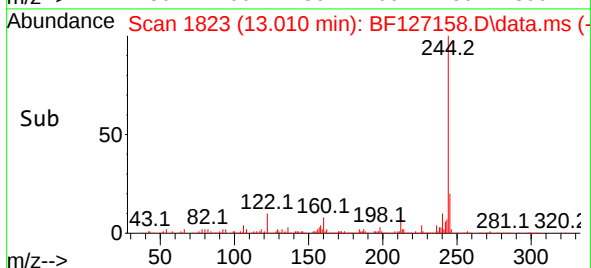
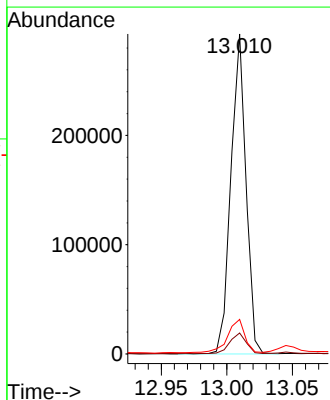
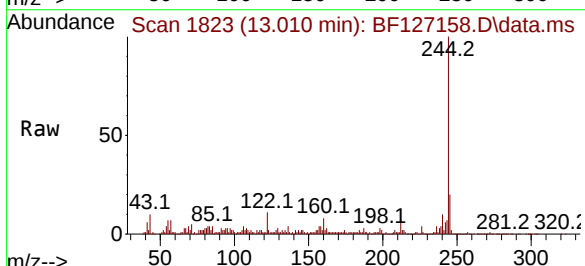
Tgt Ion:244 Resp: 234659

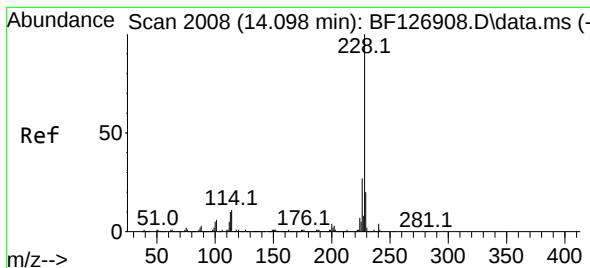
Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 10.8 13.3 19.9#





#81

Benzo(a)anthracene

Concen: 2.723 ng

RT: 14.080 min Scan# 2005

Delta R.T. 0.018 min

Lab File: BF127158.D

Acq: 02 Mar 2022 20:33

Instrument :

BNA_F

ClientSampleId :

VNJ-235

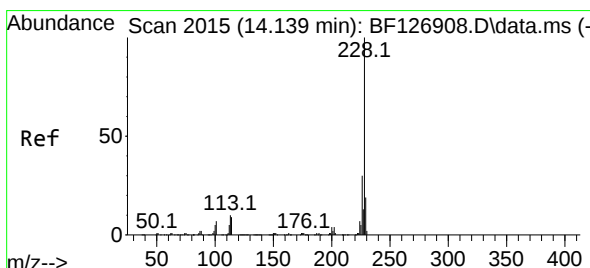
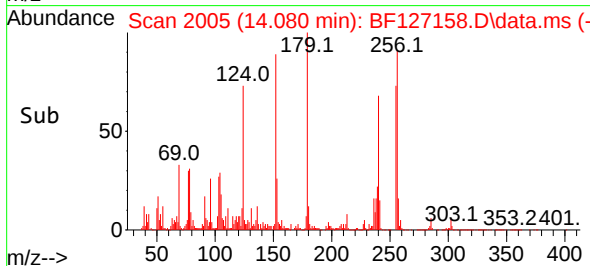
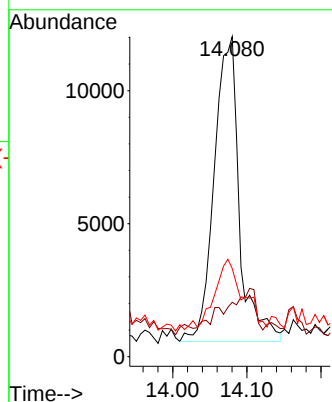
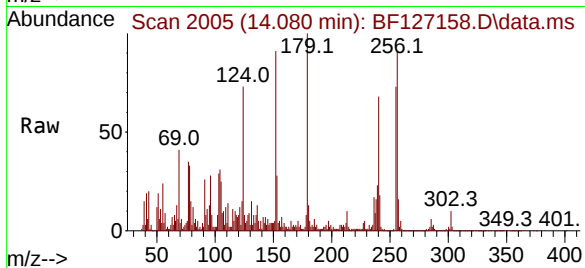
Tgt Ion:228 Resp: 27067

Ion Ratio Lower Upper

228 100

226 17.0 21.4 32.0#

229 27.5 15.4 23.2#



#83

Chrysene

Concen: 2.896 ng

RT: 14.080 min Scan# 2005

Delta R.T. -0.024 min

Lab File: BF127158.D

Acq: 02 Mar 2022 20:33

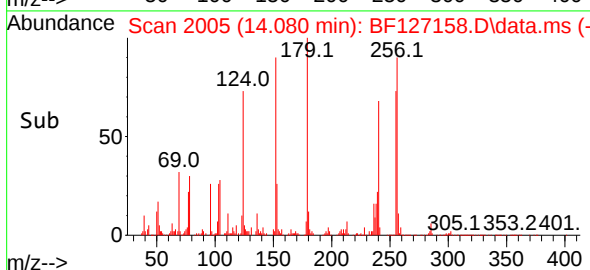
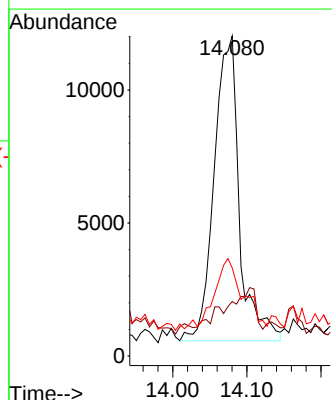
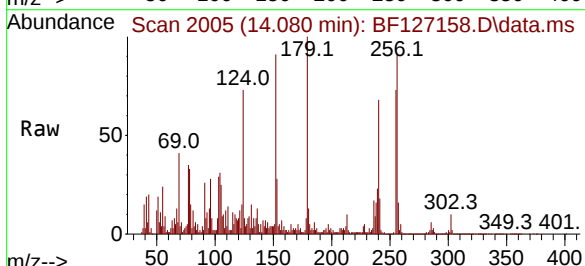
Tgt Ion:228 Resp: 27067

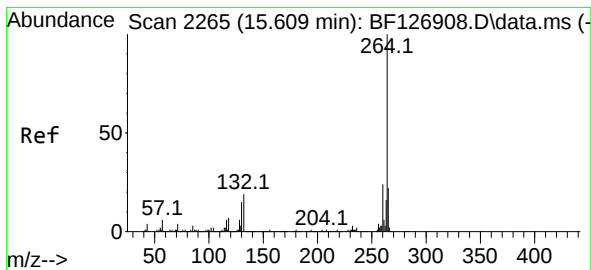
Ion Ratio Lower Upper

228 100

226 17.0 23.7 35.5#

229 27.5 15.5 23.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF127158.D
Acq: 02 Mar 2022 20:33

Instrument :
BNA_F
ClientSampleId :
VNJ-235

Tgt Ion:264 Resp: 130134
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.6 17.4 26.2

