

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135997.D
 Acq On : 27 Oct 2023 21:41
 Operator : CG\JU
 Sample : 04767-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q-1(5-10)DL

Quant Time: Oct 27 22:36:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

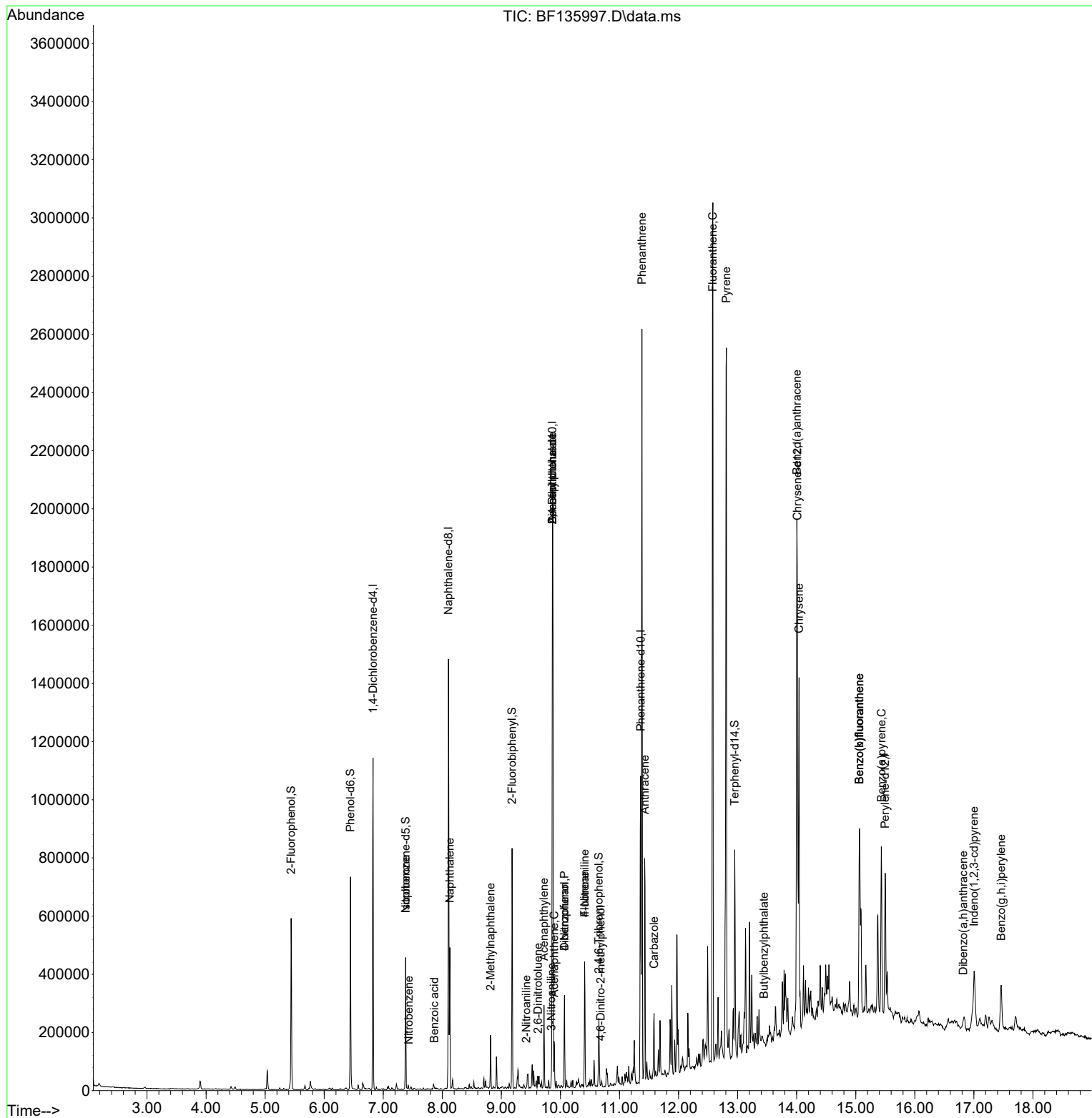
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	156860	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	578133	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	237105	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	387668	20.000	ng	0.00
76) Chrysene-d12	14.010	240	309807	20.000	ng	0.00
86) Perylene-d12	15.498	264	231824	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	148118	14.581	ng	-0.01
7) Phenol-d6	6.445	99	200299	15.838	ng	-0.01
23) Nitrobenzene-d5	7.381	82	103692	20.037	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	15188	7.318	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	211657	14.294	ng	0.00
79) Terphenyl-d14	12.951	244	206436	11.133	ng	0.00
Target Compounds						
						Qvalue
24) Nitrobenzene	7.434	77	128	2.594	ng	# 36
25) Isophorone	7.381	82	103619	5.670	ng	# 64
31) Naphthalene	8.128	128	174222	6.233	ng	97
32) Benzoic acid	7.863	122	63	5.736	ng	# 1
37) 2-Methylnaphthalene	8.816	142	44873	2.426	ng	100
48) 2-Nitroaniline	9.422	65	128	4.247	ng	# 1
49) Acenaphthylene	9.722	152	84468	4.029	ng	99
50) Dimethylphthalate	9.863	163	49081	3.192	ng	# 1
51) 2,6-Dinitrotoluene	9.622	165	2831	5.660	ng	# 19
52) Acenaphthene	9.892	154	33895	2.523	ng	98
53) 3-Nitroaniline	9.845	138	58	4.576	ng	# 1
55) Dibenzofuran	10.069	168	101081	5.208	ng	98
56) 4-Nitrophenol	10.069	139	37767	17.419	ng	# 13
57) 2,4-Dinitrotoluene	9.863	165	33563	13.301	ng	# 28
58) Fluorene	10.410	166	109585	7.546	ng	100
62) 4-Nitroaniline	10.410	138	1407	4.986	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.680	198	64	6.980	ng	# 1
71) Phenanthrene	11.380	178	885516	45.149	ng	100
72) Anthracene	11.427	178	287607	14.321	ng	99
73) Carbazole	11.586	167	87423	4.880	ng	99
75) Fluoranthene	12.580	202	1267360	61.421	ng	99
78) Pyrene	12.810	202	1070480	41.152	ng	100
80) Butylbenzylphthalate	13.445	149	349	3.860	ng	# 83
81) Benzo(a)anthracene	14.004	228	519491	24.661	ng	95
83) Chrysene	14.039	228	450522	21.959	ng	98
87) Indeno(1,2,3-cd)pyrene	17.003	276	144493	10.992	ng	94
88) Benzo(b)fluoranthene	15.062	252	531994	38.560	ng	98
89) Benzo(k)fluoranthene	15.062	252	531994	39.262	ng	98
90) Benzo(a)pyrene	15.433	252	268706	21.133	ng	97
91) Dibenzo(a,h)anthracene	16.821	278	28023	2.492	ng	98
92) Benzo(g,h,i)perylene	17.462	276	130308	13.153	ng	97

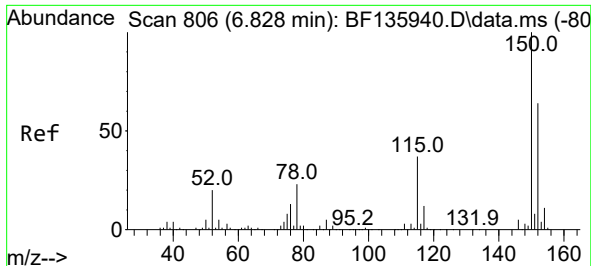
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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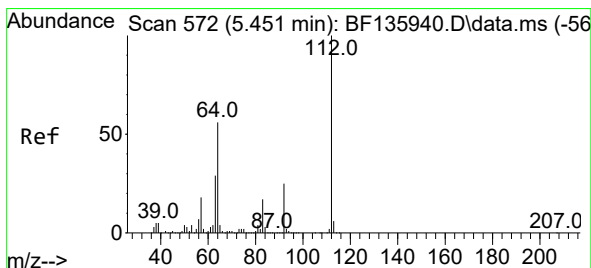
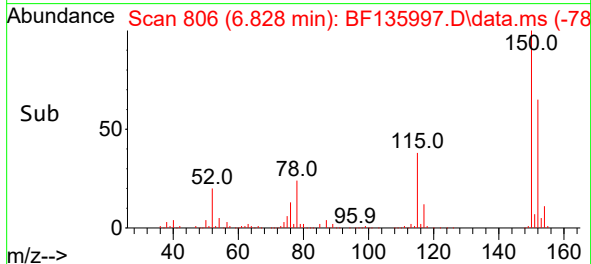
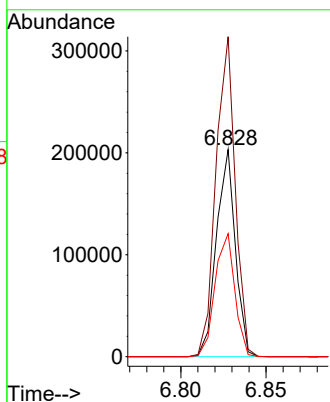
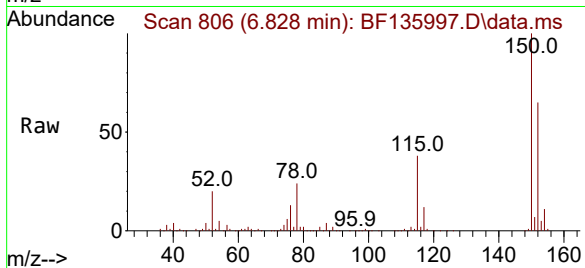




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

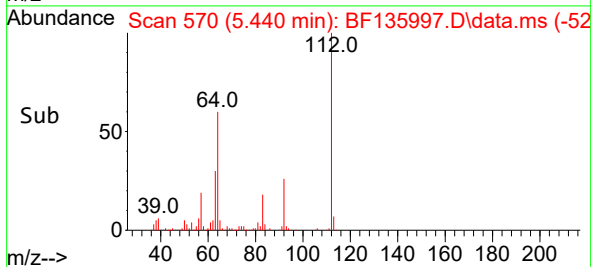
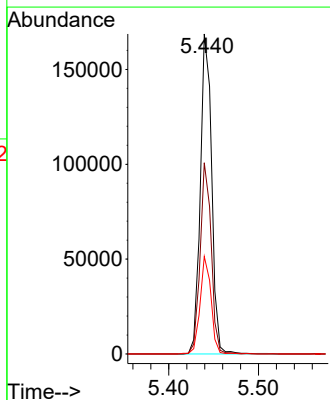
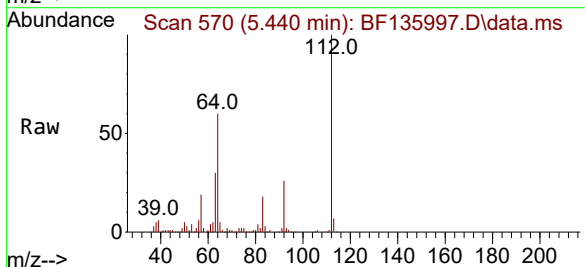
Instrument :
BNA_F
ClientSampleId :
Q-1(5-10)DL

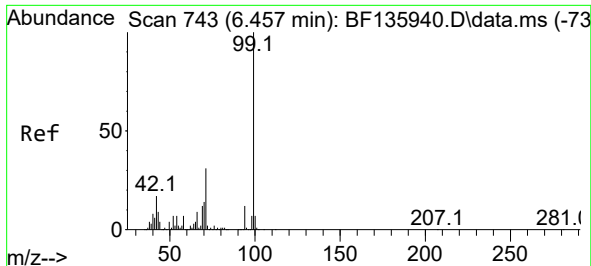
Tgt Ion:152 Resp: 156860
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 59.4 46.6 69.8



#5
2-Fluorophenol
Concen: 14.581 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.012 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

Tgt Ion:112 Resp: 148118
Ion Ratio Lower Upper
112 100
64 59.8 45.1 67.7
63 30.4 23.0 34.4

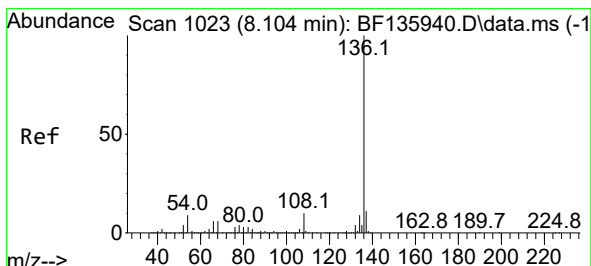
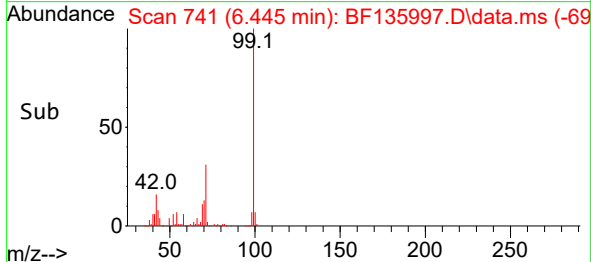
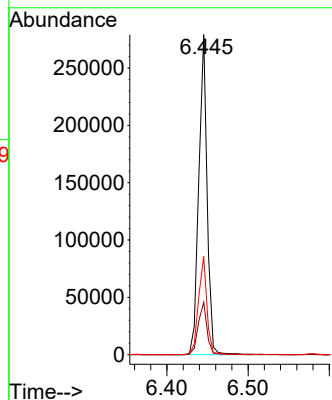
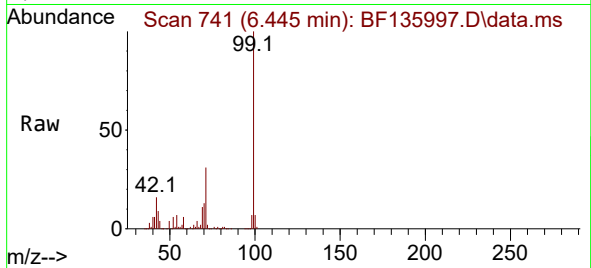




#7
Phenol-d6
Concen: 15.838 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

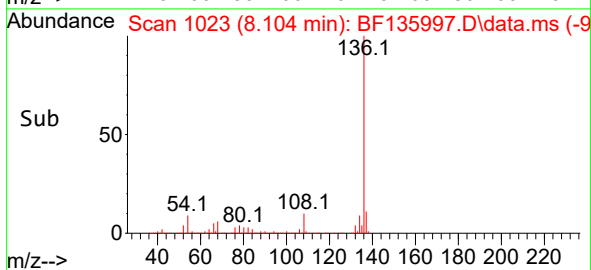
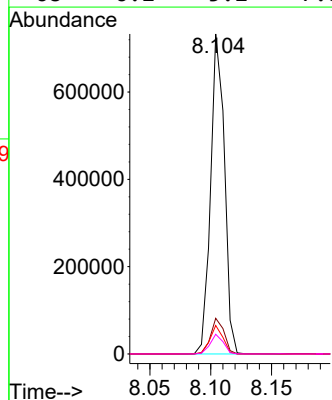
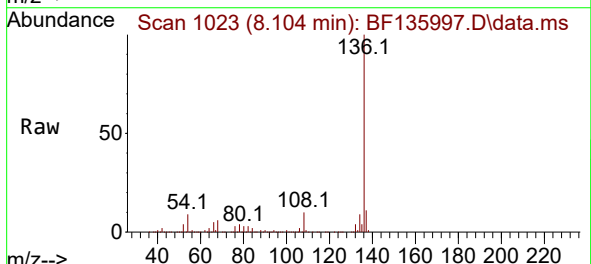
Instrument :
BNA_F
ClientSampleId :
Q-1(5-10)DL

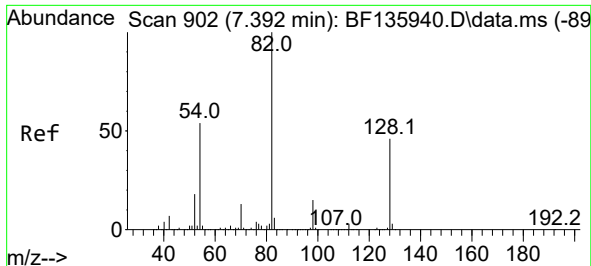
Tgt Ion: 99 Resp: 200299
Ion Ratio Lower Upper
99 100
42 16.4 13.8 20.8
71 30.7 25.1 37.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

Tgt Ion: 136 Resp: 578133
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 8.9 7.1 10.7
68 6.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 20.037 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.011 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

Instrument :

BNA_F

ClientSampleId :

Q-1(5-10)DL

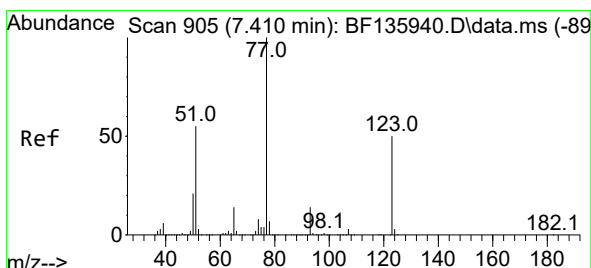
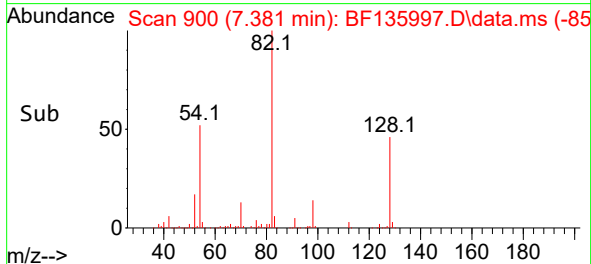
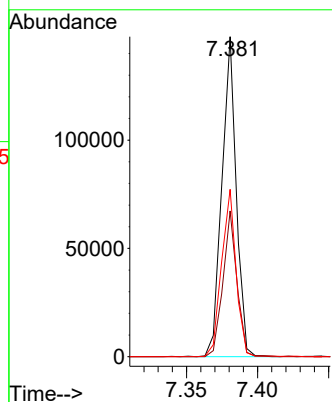
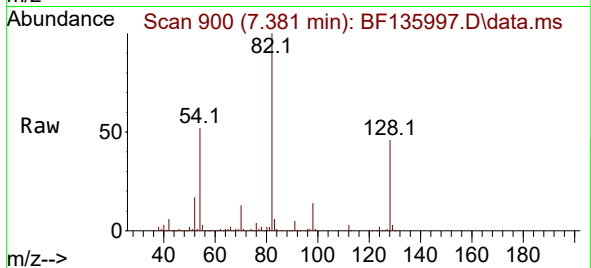
Tgt Ion: 82 Resp: 103692

Ion Ratio Lower Upper

82 100

128 45.6 36.8 55.2

54 52.3 43.4 65.0



#24

Nitrobenzene

Concen: 2.594 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.024 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

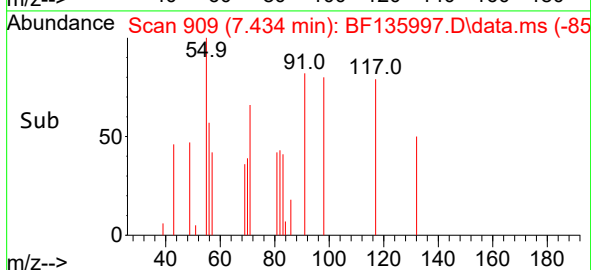
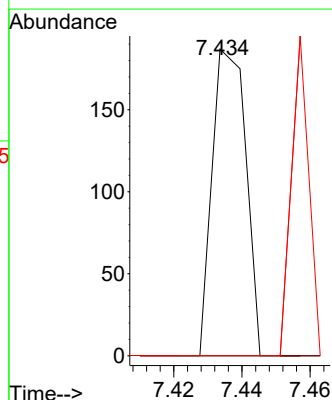
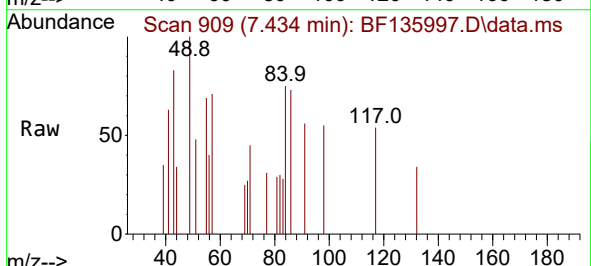
Tgt Ion: 77 Resp: 128

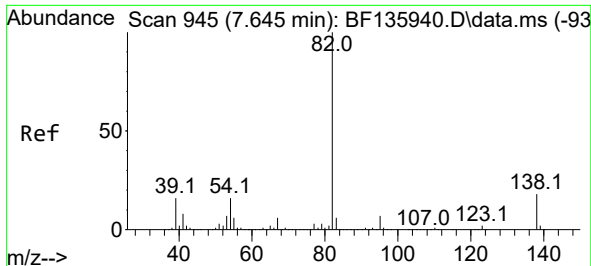
Ion Ratio Lower Upper

77 100

123 0.0 40.2 60.2#

65 0.0 11.0 16.4#

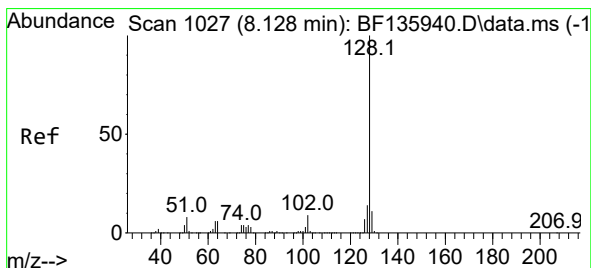
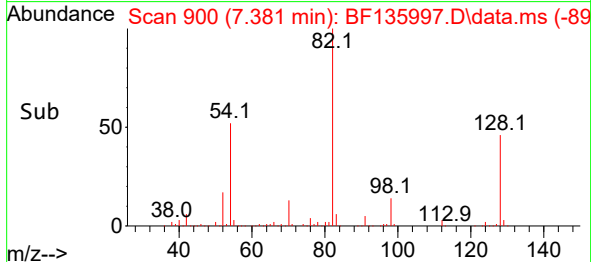
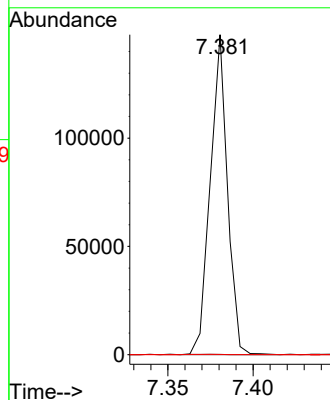
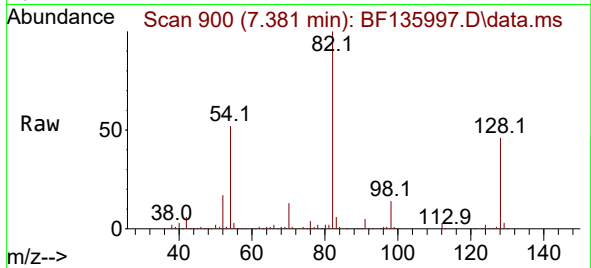




#25
Isophorone
Concen: 5.670 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

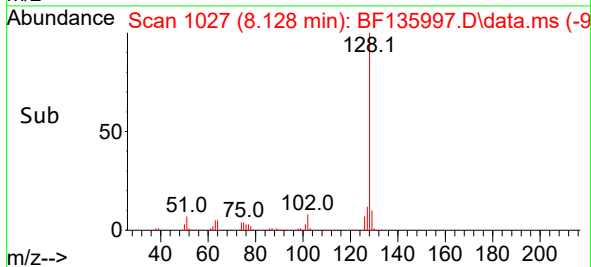
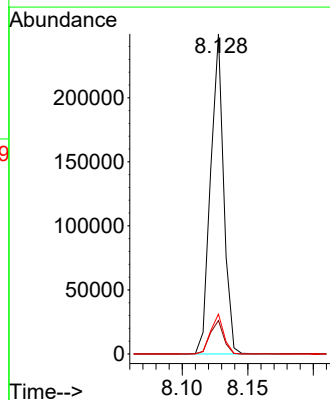
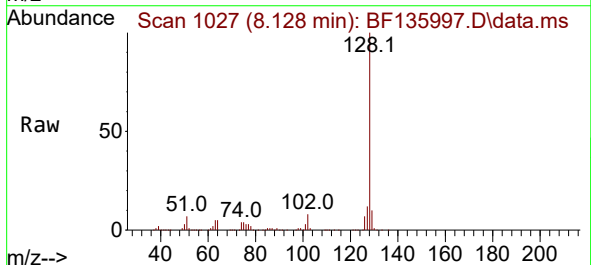
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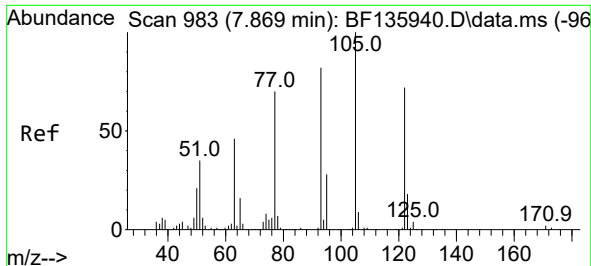
Tgt Ion: 82 Resp: 103619
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.8 22.2#



#31
Naphthalene
Concen: 6.233 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

Tgt Ion:128 Resp: 174222
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 12.5 10.9 16.3

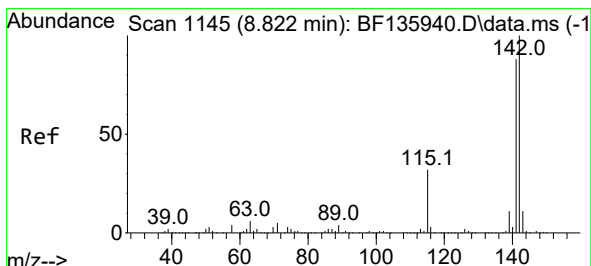
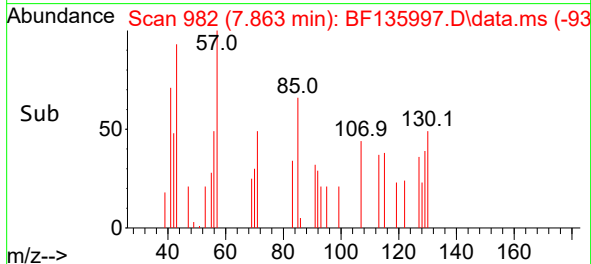
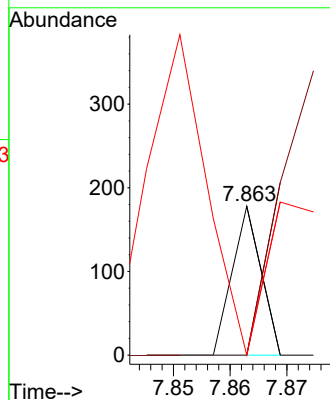
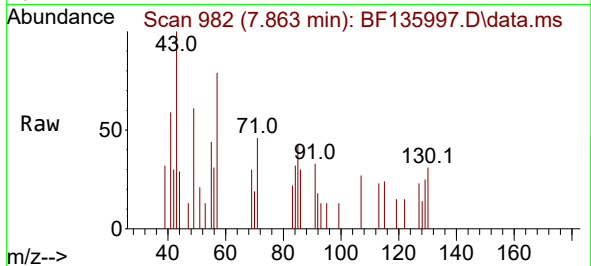




#32
Benzoic acid
Concen: 5.736 ng
RT: 7.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

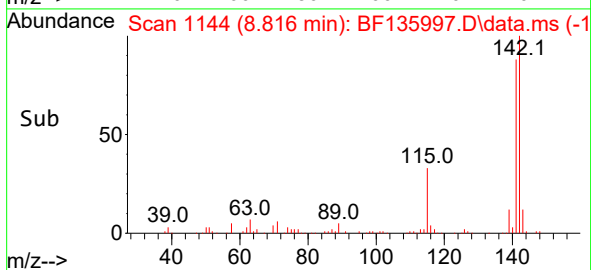
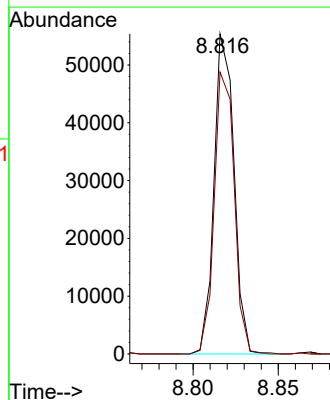
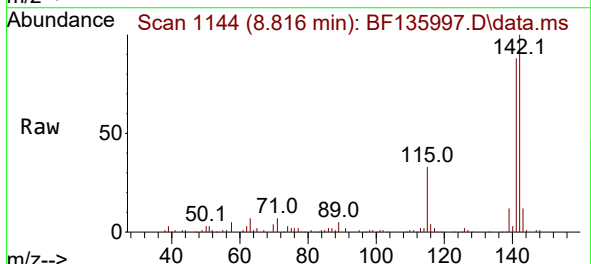
Instrument :
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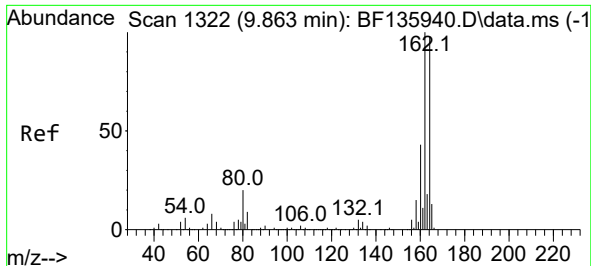
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 113.1 153.1#
77 0.0 75.2 115.2#



#37
2-Methylnaphthalene
Concen: 2.426 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

Tgt Ion:142 Resp: 44873
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6

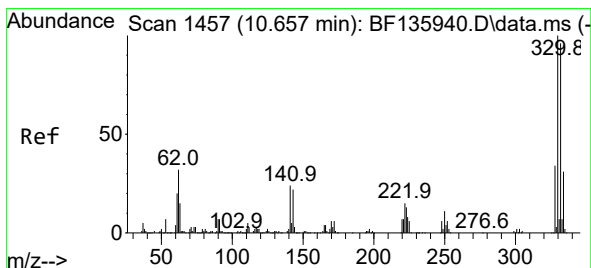
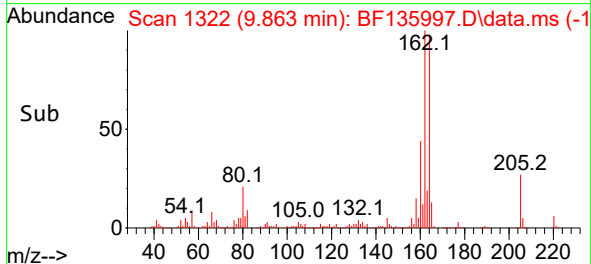
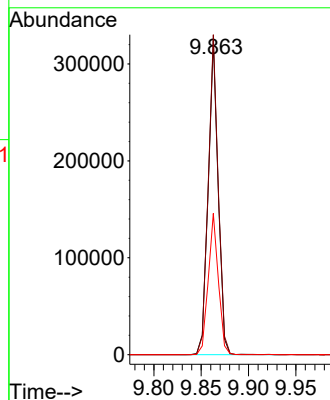
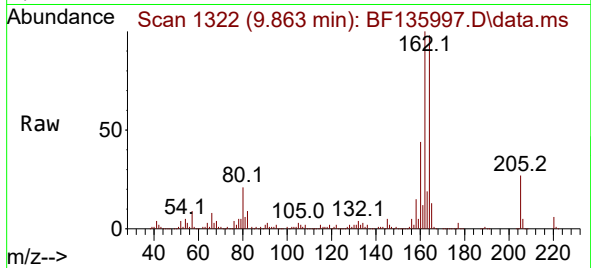




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

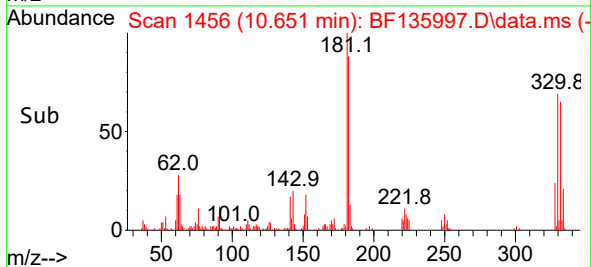
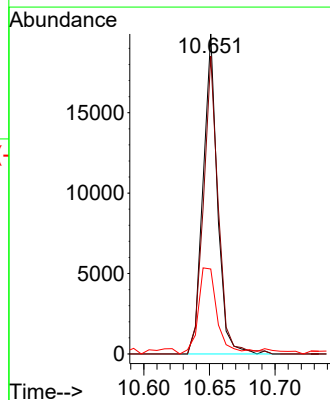
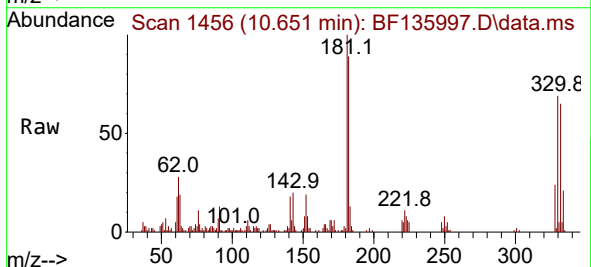
Instrument :
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ClientSampleId :
Q-1(5-10)DL

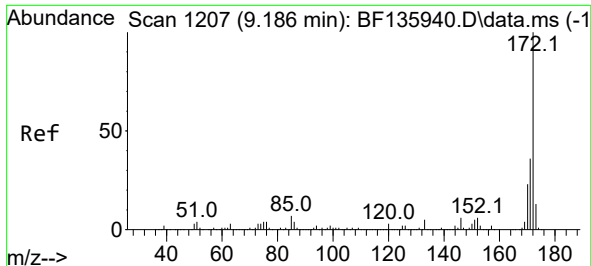
Tgt Ion:164 Resp: 237105
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 44.9 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 7.318 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

Tgt Ion:330 Resp: 15188
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 35.7 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 14.294 ng

RT: 9.180 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

Instrument :

BNA_F

ClientSampleId :

Q-1(5-10)DL

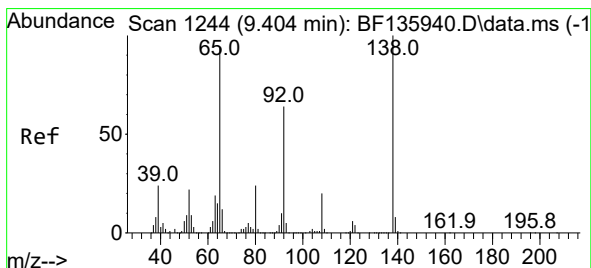
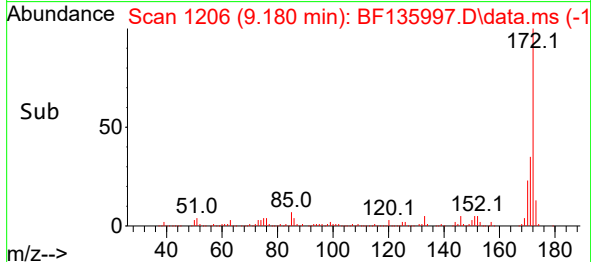
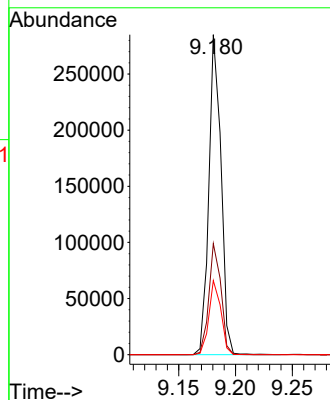
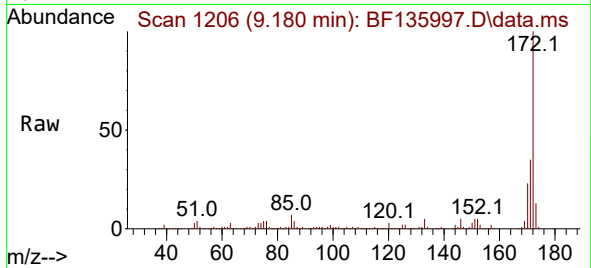
Tgt Ion:172 Resp: 211657

Ion Ratio Lower Upper

172 100

171 34.7 28.6 43.0

170 23.1 18.6 28.0



#48

2-Nitroaniline

Concen: 4.247 ng

RT: 9.422 min Scan# 1247

Delta R.T. 0.018 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

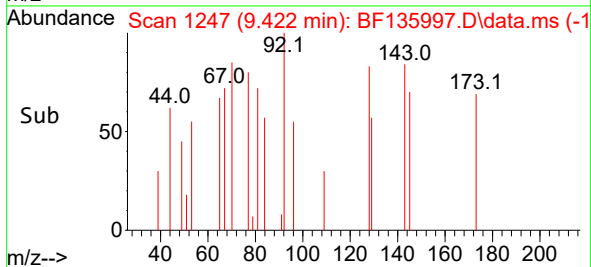
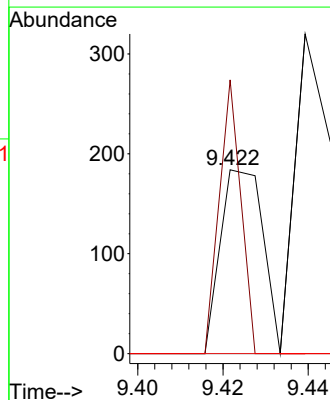
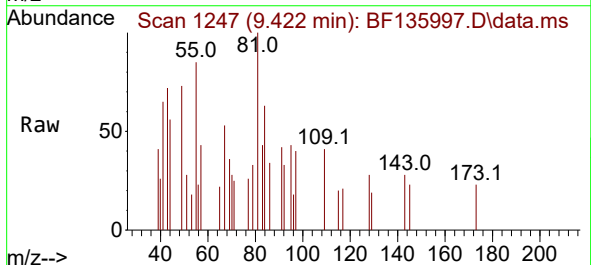
Tgt Ion: 65 Resp: 128

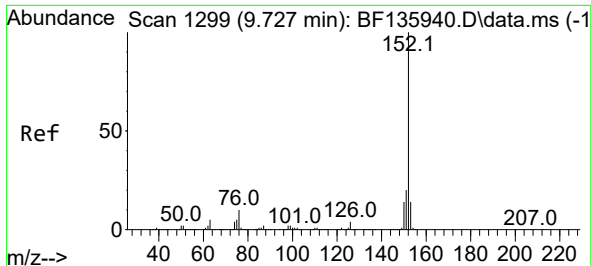
Ion Ratio Lower Upper

65 100

92 148.9 54.9 82.3#

138 0.0 85.2 127.8#

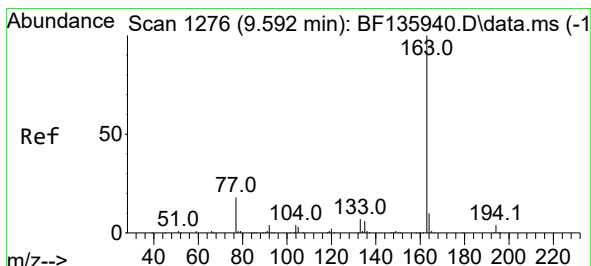
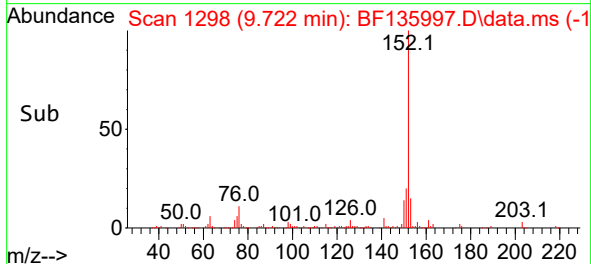
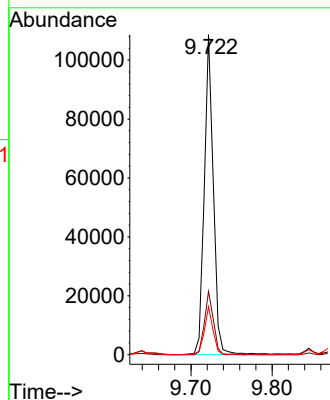
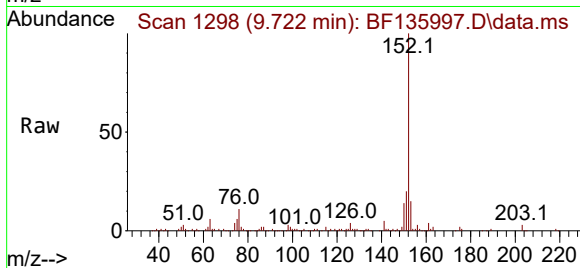




#49
Acenaphthylene
Concen: 4.029 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

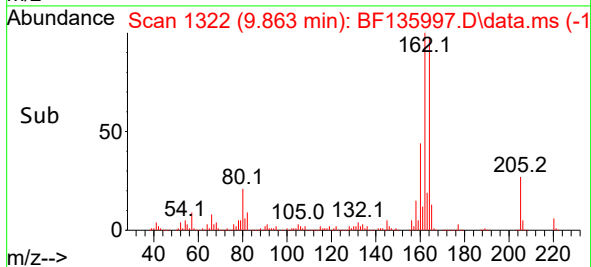
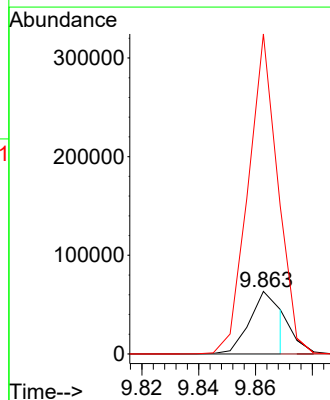
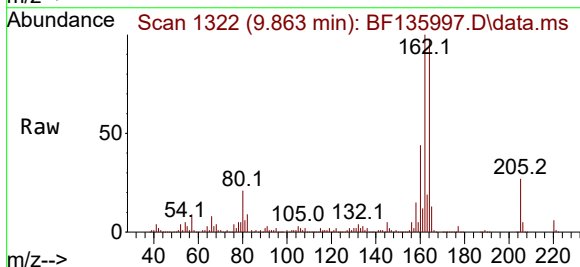
Instrument :
BNA_F
ClientSampleId :
Q-1(5-10)DL

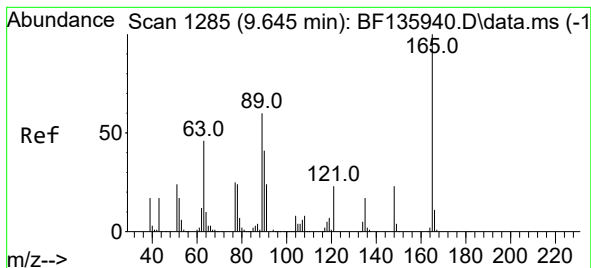
Tgt Ion:152 Resp: 84468
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 15.0 11.0 16.6



#50
Dimethylphthalate
Concen: 3.192 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.271 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

Tgt Ion:163 Resp: 49081
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 511.7 8.3 12.5#

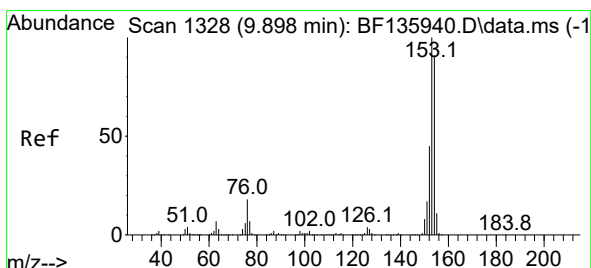
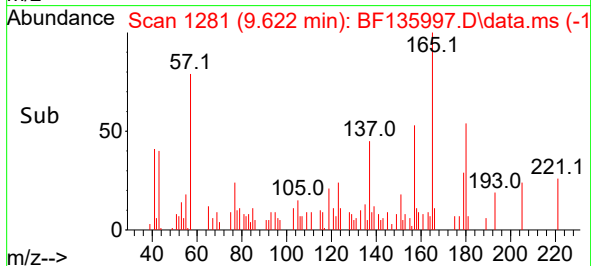
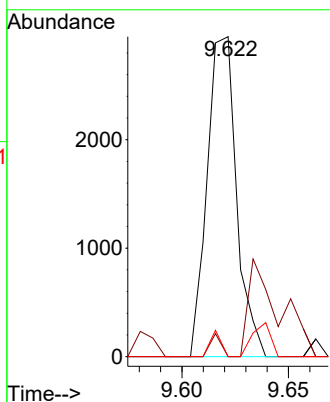
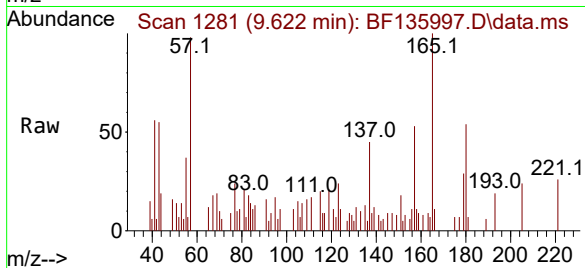




#51
2,6-Dinitrotoluene
Concen: 5.660 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

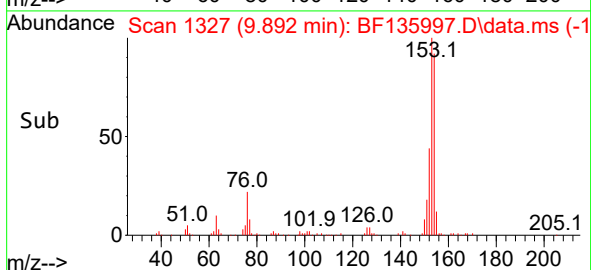
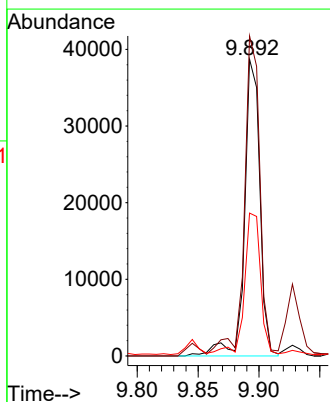
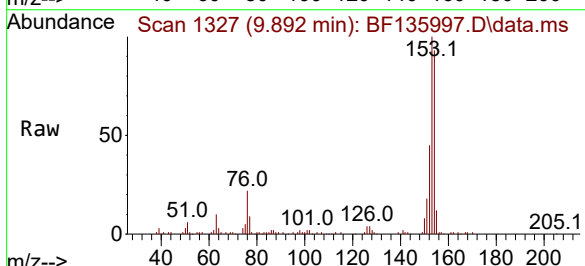
Instrument :
BNA_F
ClientSampleId :
Q-1(5-10)DL

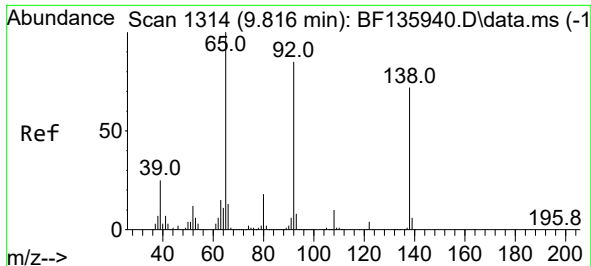
Tgt Ion:165 Resp: 2831
Ion Ratio Lower Upper
165 100
63 0.0 51.7 77.5#
89 0.0 48.3 72.5#



#52
Acenaphthene
Concen: 2.523 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

Tgt Ion:154 Resp: 33895
Ion Ratio Lower Upper
154 100
153 107.9 88.0 132.0
152 48.2 39.4 59.2

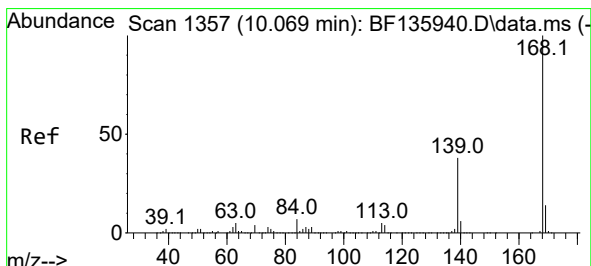
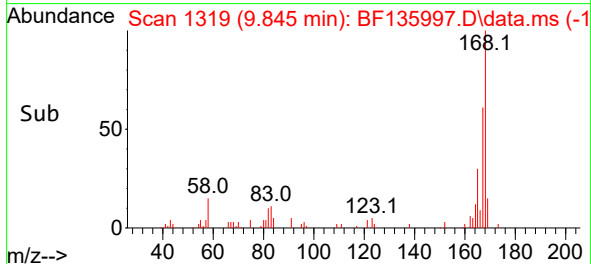
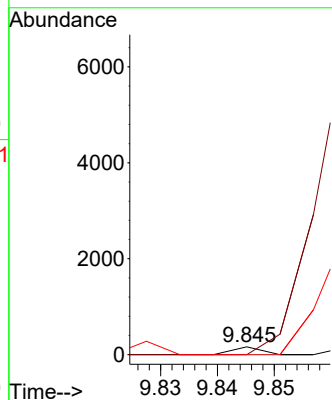
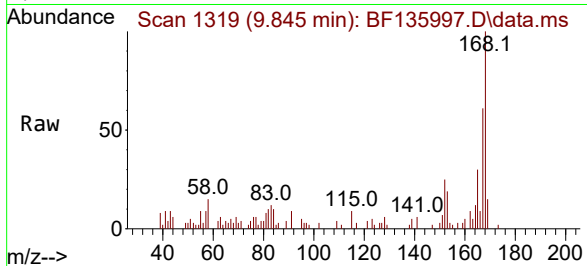




#53
3-Nitroaniline
Concen: 4.576 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.029 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

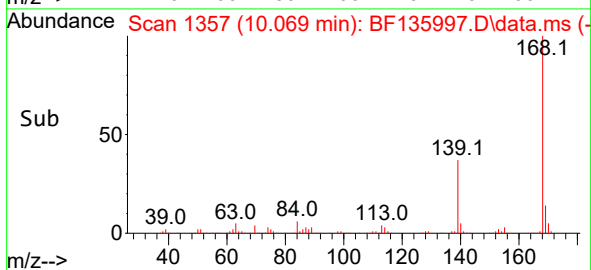
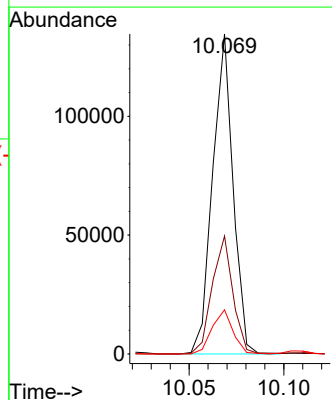
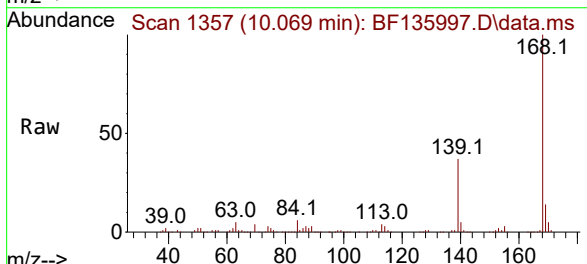
Instrument :
BNA_F
ClientSampleId :
Q-1(5-10)DL

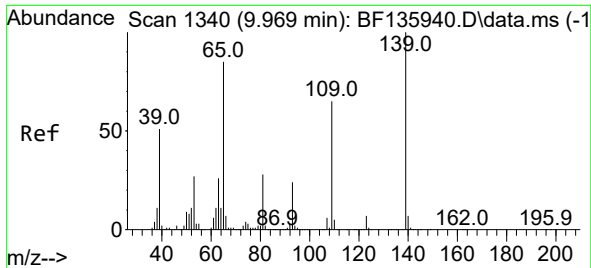
Tgt Ion:138 Resp: 58
Ion Ratio Lower Upper
138 100
108 0.0 11.3 16.9#
92 0.0 95.0 142.6#



#55
Dibenzofuran
Concen: 5.208 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

Tgt Ion:168 Resp: 101081
Ion Ratio Lower Upper
168 100
139 36.9 30.7 46.1
169 13.8 11.1 16.7

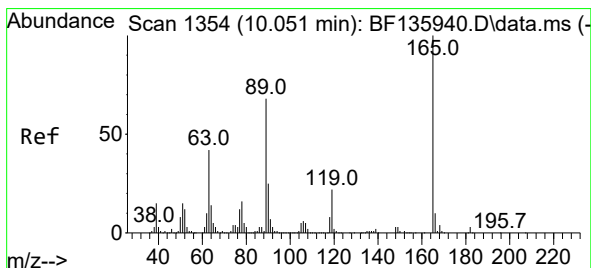
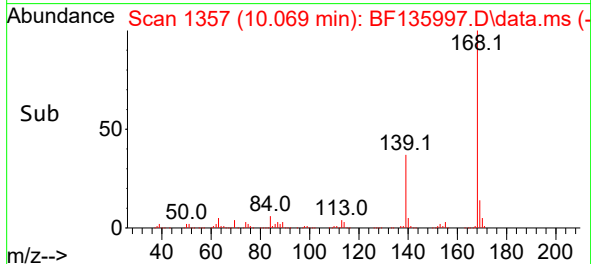
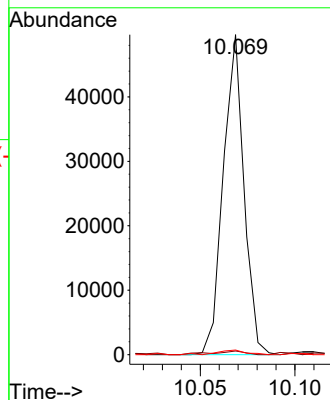
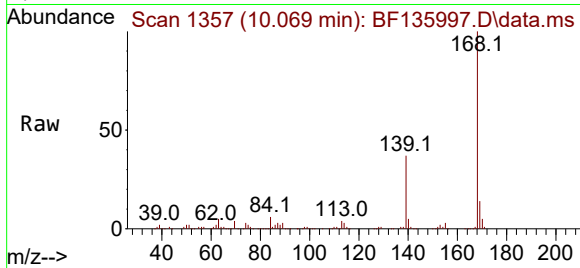




#56
4-Nitrophenol
Concen: 17.419 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.100 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

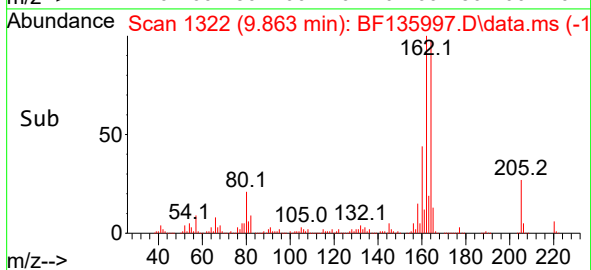
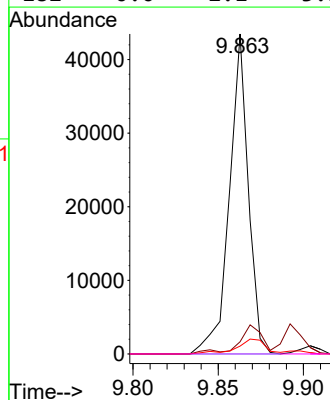
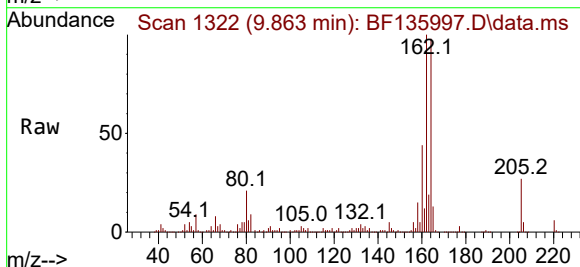
Instrument :
BNA_F
ClientSampleId :
Q-1(5-10)DL

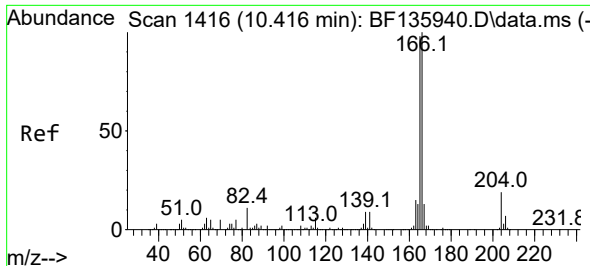
Tgt Ion:139 Resp: 37767
Ion Ratio Lower Upper
139 100
109 1.1 45.2 85.2#
65 1.5 65.1 105.1#



#57
2,4-Dinitrotoluene
Concen: 13.301 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

Tgt Ion:165 Resp: 33563
Ion Ratio Lower Upper
165 100
63 3.8 33.7 50.5#
89 2.5 54.6 81.8#
182 0.0 2.1 3.1#

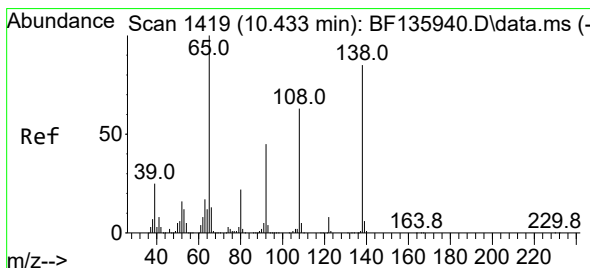
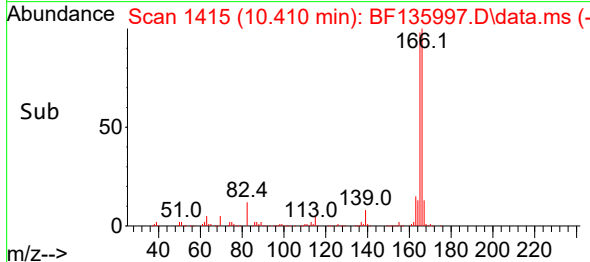
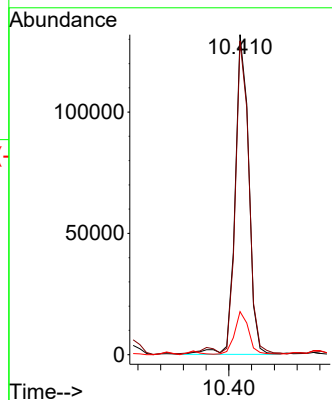
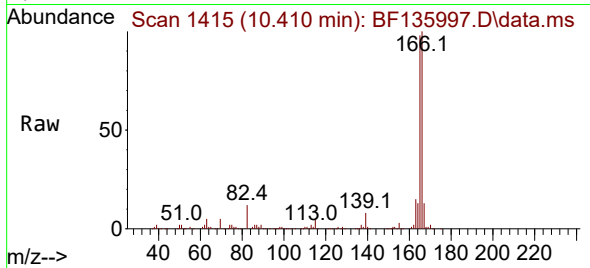




#58
Fluorene
Concen: 7.546 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

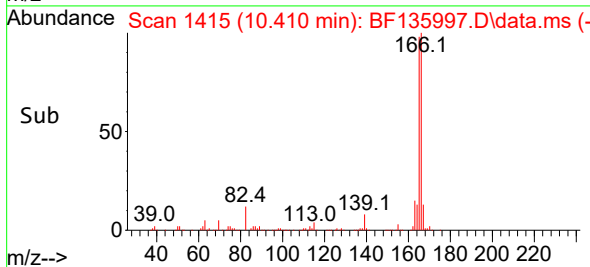
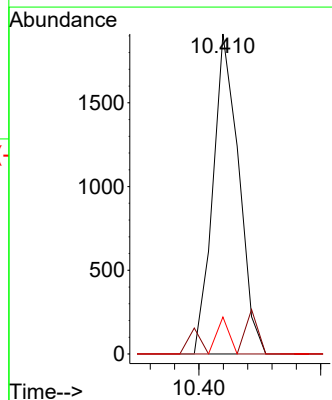
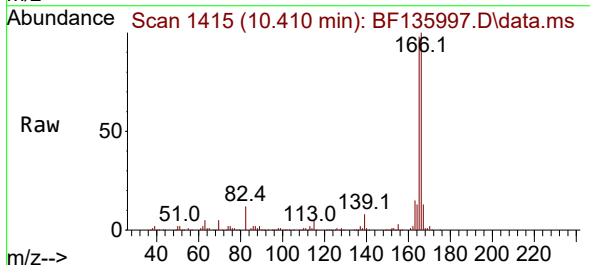
Instrument :
BNA_F
ClientSampleId :
Q-1(5-10)DL

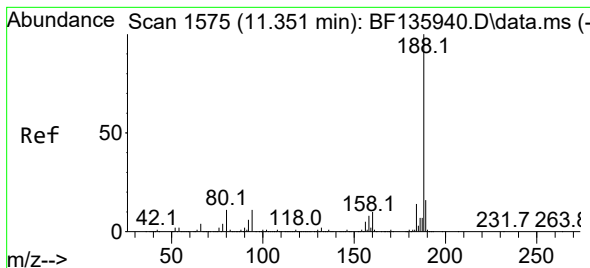
Tgt Ion:166 Resp: 109585
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.5 10.6 16.0



#62
4-Nitroaniline
Concen: 4.986 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.023 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

Tgt Ion:138 Resp: 1407
Ion Ratio Lower Upper
138 100
92 0.0 32.9 72.9#
108 11.6 53.5 93.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

Instrument :

BNA_F

ClientSampleId :

Q-1(5-10)DL

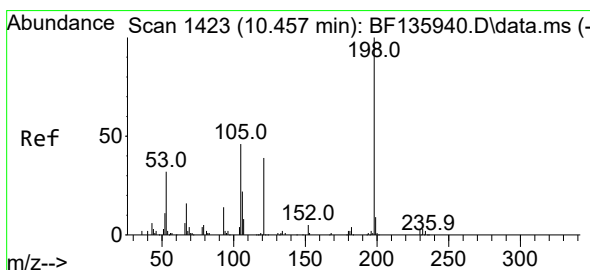
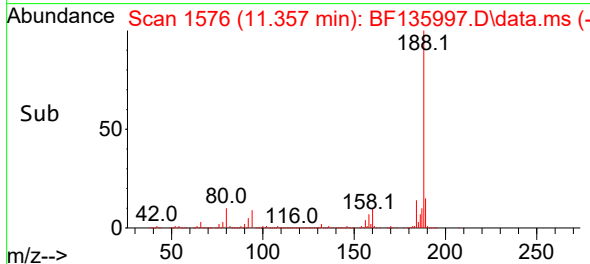
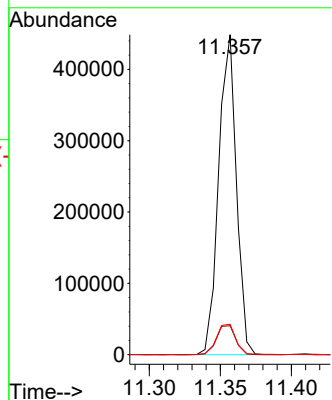
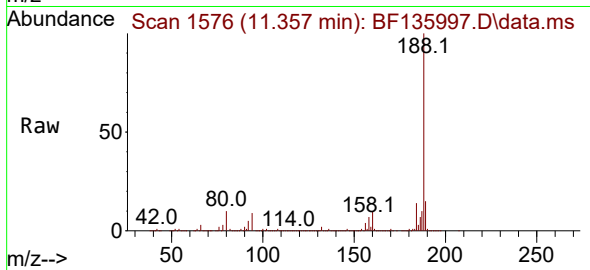
Tgt Ion:188 Resp: 387668

Ion Ratio Lower Upper

188 100

94 9.1 8.6 13.0

80 9.5 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 6.980 ng

RT: 10.680 min Scan# 1461

Delta R.T. 0.223 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

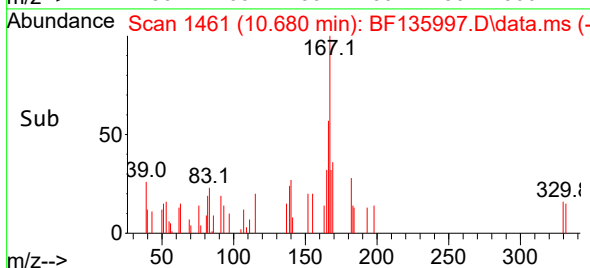
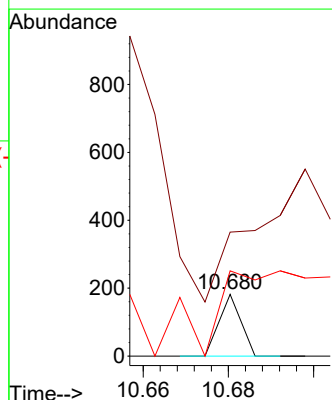
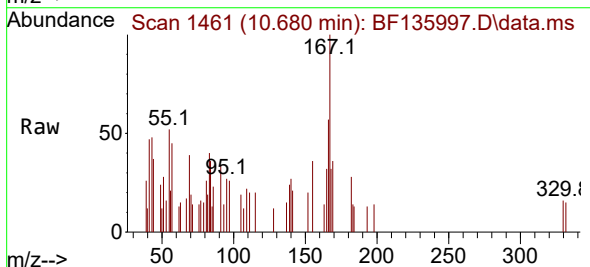
Tgt Ion:198 Resp: 64

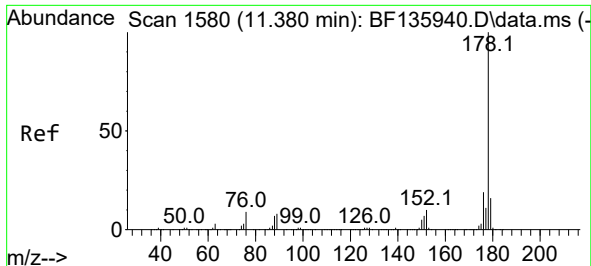
Ion Ratio Lower Upper

198 100

51 200.5 28.7 68.7#

105 137.9 27.2 67.2#

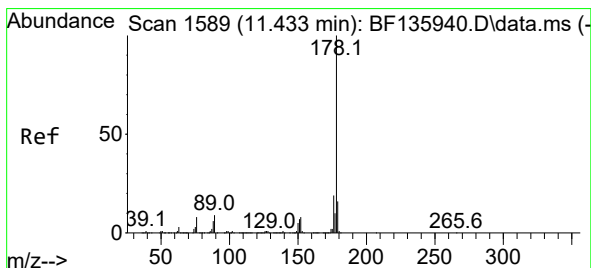
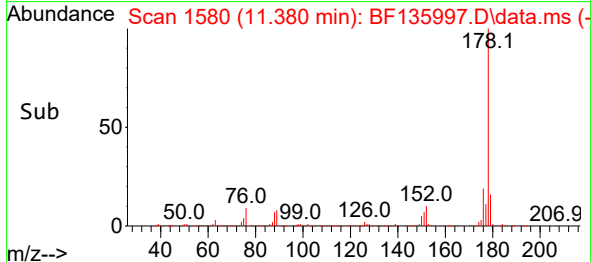
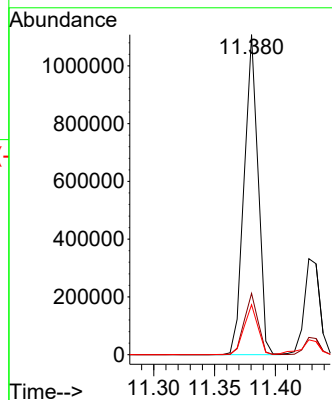
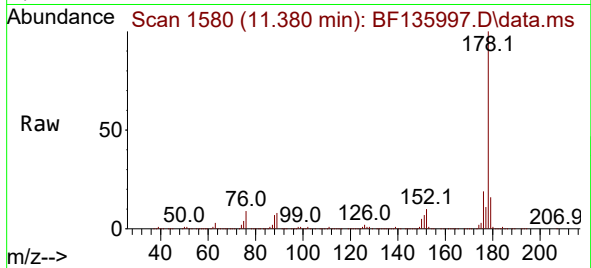




#71
Phenanthrene
Concen: 45.149 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

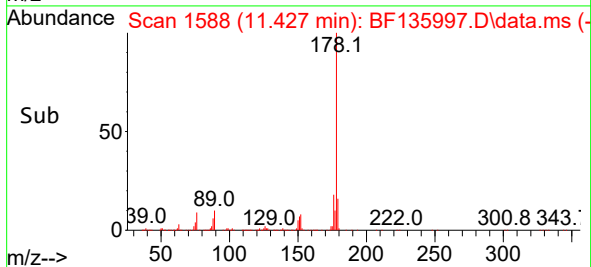
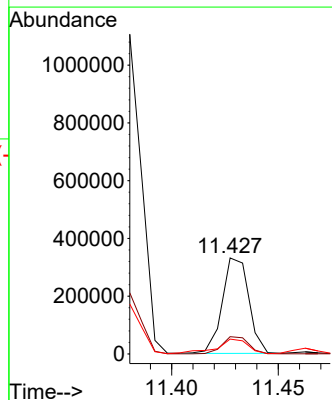
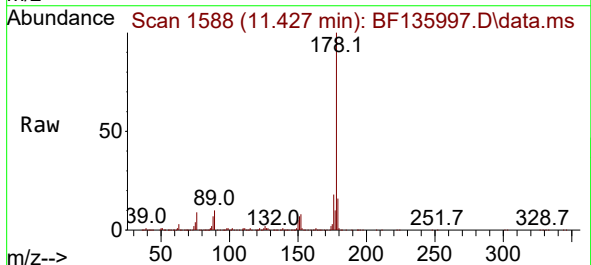
Instrument :
BNA_F
ClientSampleId :
Q-1(5-10)DL

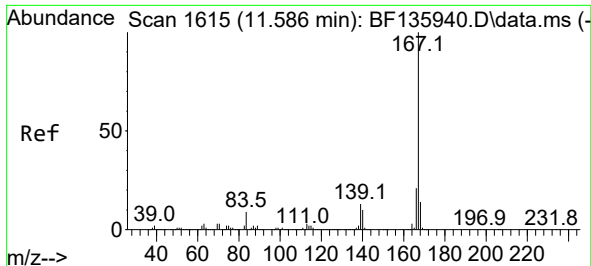
Tgt Ion:178 Resp: 885516
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.6 12.5 18.7



#72
Anthracene
Concen: 14.321 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

Tgt Ion:178 Resp: 287607
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 15.6 12.5 18.7

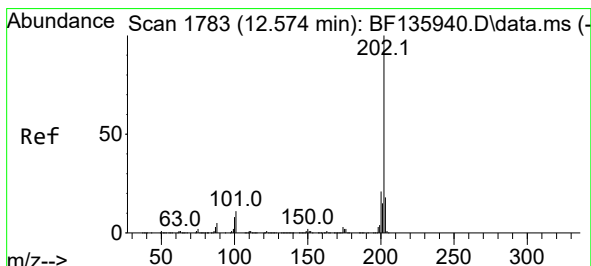
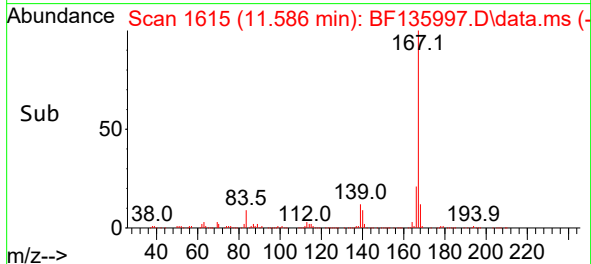
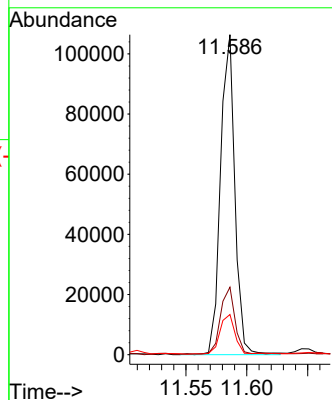
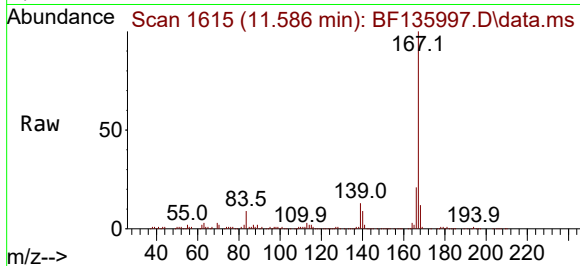




#73
 Carbazole
 Concen: 4.880 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF135997.D
 Acq: 27 Oct 2023 21:41

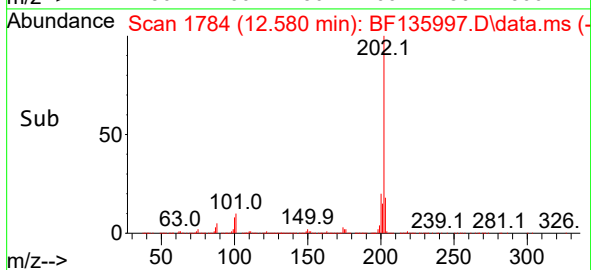
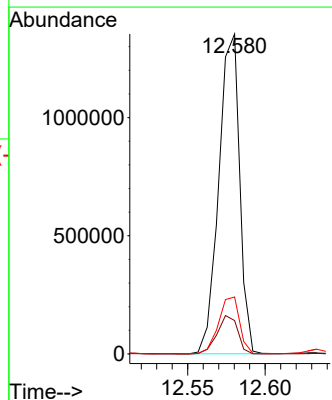
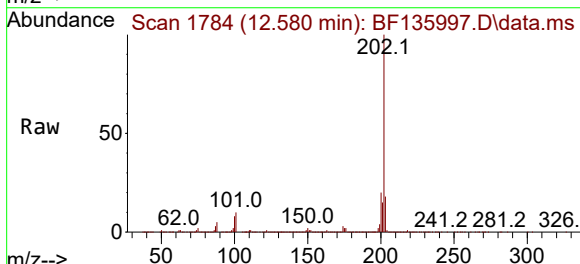
Instrument :
 BNA_F
 ClientSampleId :
 Q-1(5-10)DL

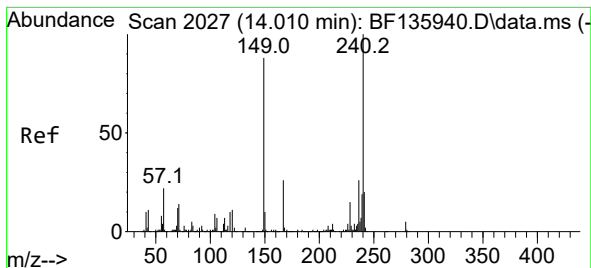
Tgt Ion:167 Resp: 87423
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 12.6 10.4 15.6



#75
 Fluoranthene
 Concen: 61.421 ng
 RT: 12.580 min Scan# 1784
 Delta R.T. 0.006 min
 Lab File: BF135997.D
 Acq: 27 Oct 2023 21:41

Tgt Ion:202 Resp: 1267360
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 30.6
 203 17.8 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

Instrument :

BNA_F

ClientSampleId :

Q-1(5-10)DL

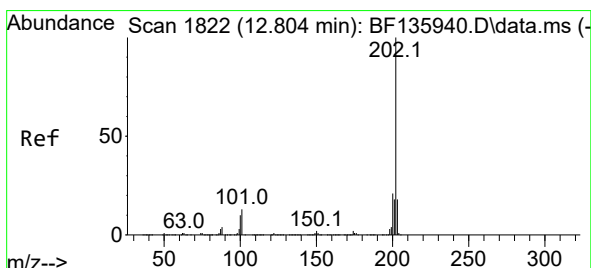
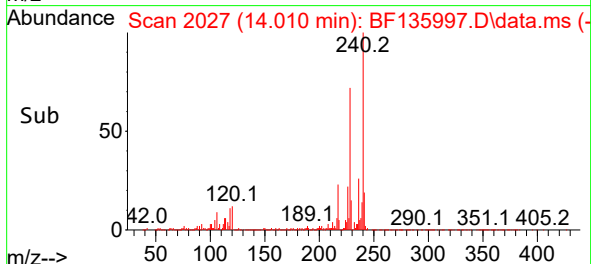
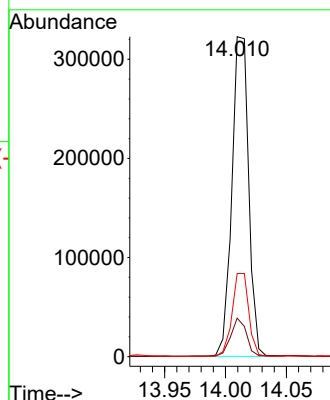
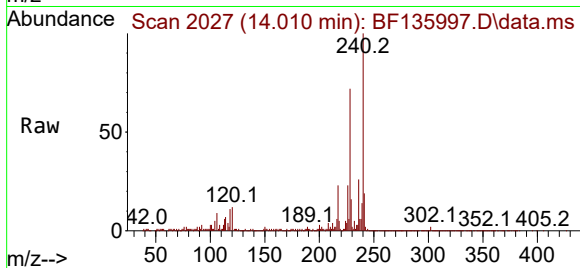
Tgt Ion:240 Resp: 309807

Ion Ratio Lower Upper

240 100

120 12.1 8.6 13.0

236 26.0 20.6 30.8



#78

Pyrene

Concen: 41.152 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.006 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

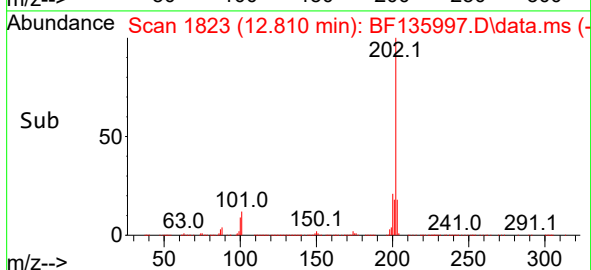
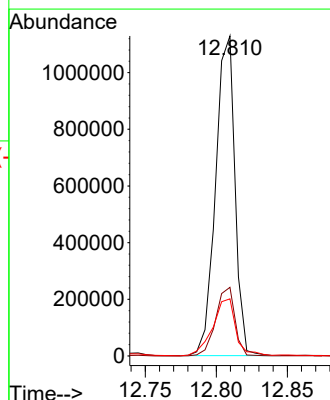
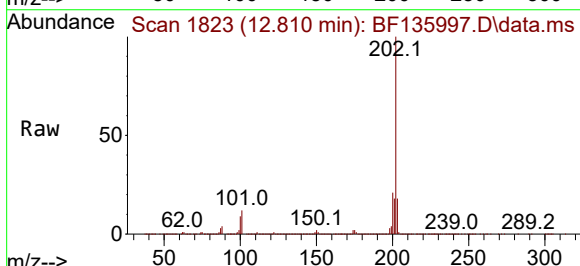
Tgt Ion:202 Resp: 1070480

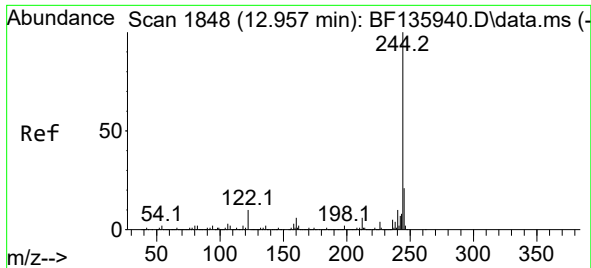
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 17.9 14.5 21.7

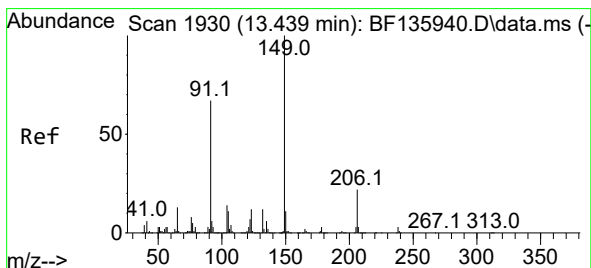
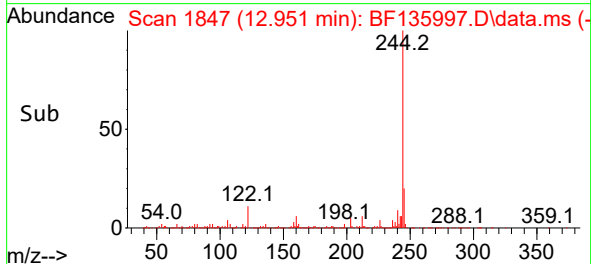
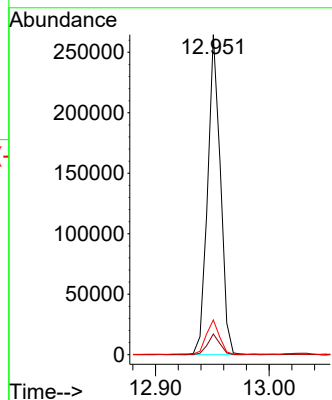
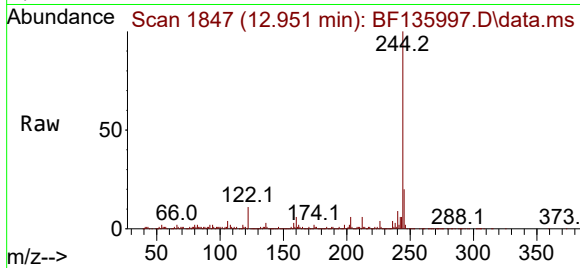




#79
 Terphenyl-d14
 Concen: 11.133 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135997.D
 Acq: 27 Oct 2023 21:41

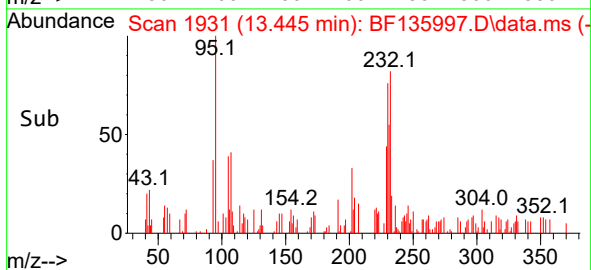
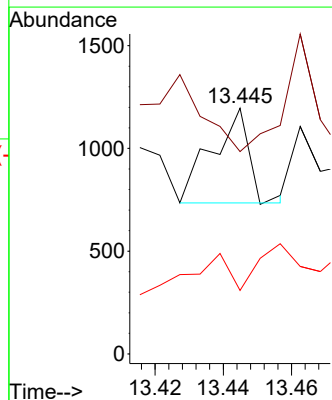
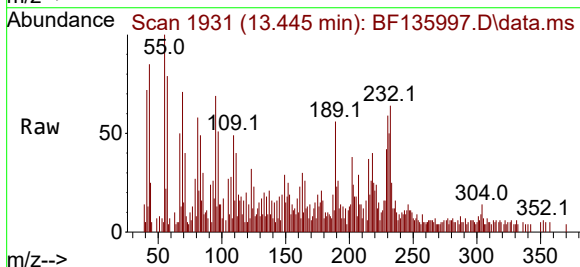
Instrument :
 BNA_F
 ClientSampleId :
 Q-1(5-10)DL

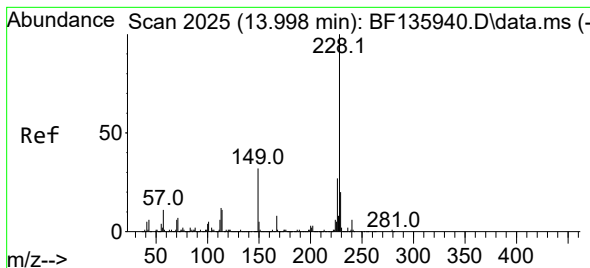
Tgt Ion:244 Resp: 206436
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 10.8 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.860 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.006 min
 Lab File: BF135997.D
 Acq: 27 Oct 2023 21:41

Tgt Ion:149 Resp: 349
 Ion Ratio Lower Upper
 149 100
 91 82.4 53.4 80.0#
 206 25.8 17.5 26.3





#81

Benzo(a)anthracene

Concen: 24.661 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

Instrument :

BNA_F

ClientSampleId :

Q-1(5-10)DL

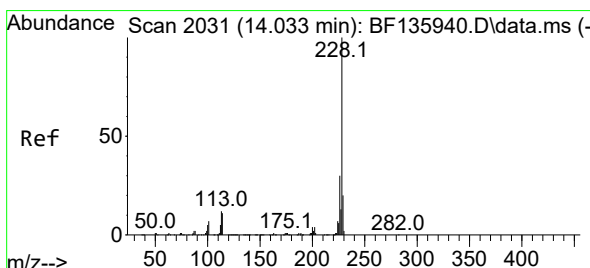
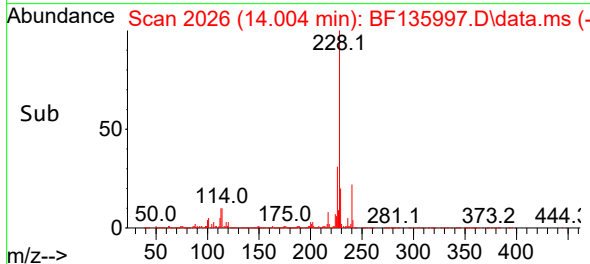
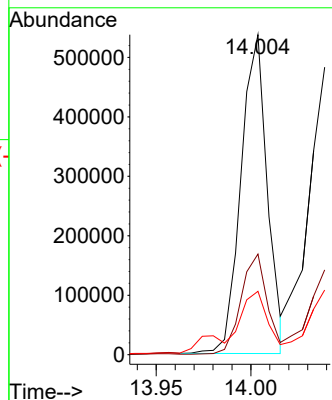
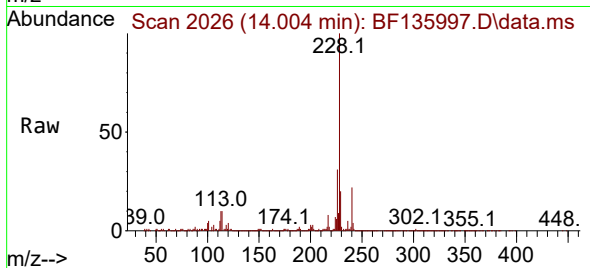
Tgt Ion:228 Resp: 519491

Ion Ratio Lower Upper

228 100

226 31.4 21.8 32.6

229 19.8 16.2 24.4



#83

Chrysene

Concen: 21.959 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

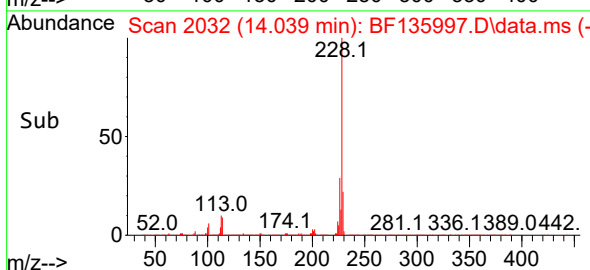
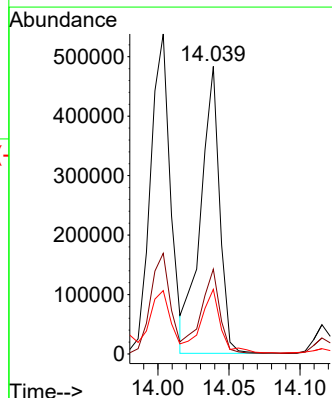
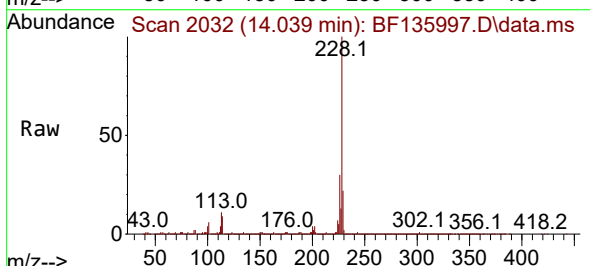
Tgt Ion:228 Resp: 450522

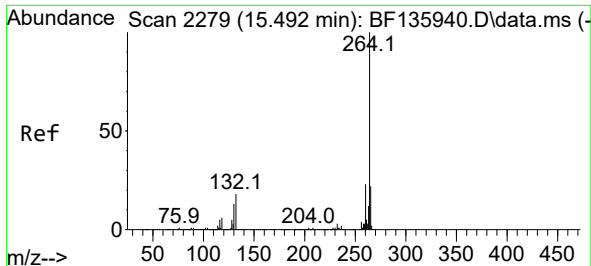
Ion Ratio Lower Upper

228 100

226 29.5 23.9 35.9

229 22.5 16.2 24.2



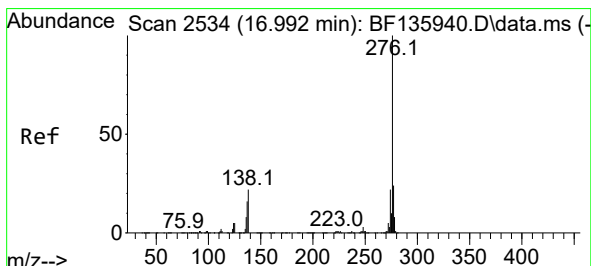
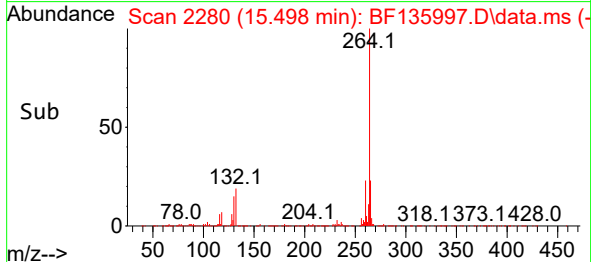
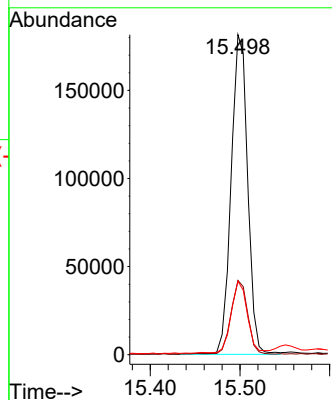
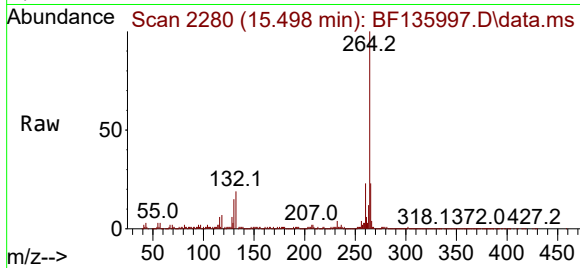


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

Instrument :
BNA_F
ClientSampleId :
Q-1(5-10)DL

Tgt Ion:264 Resp: 231824

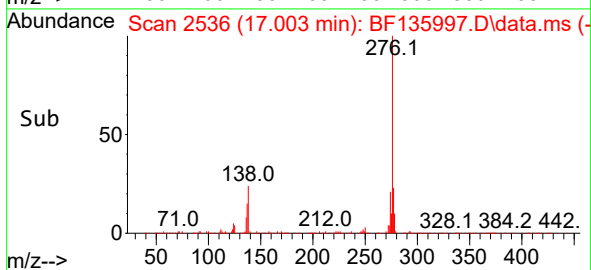
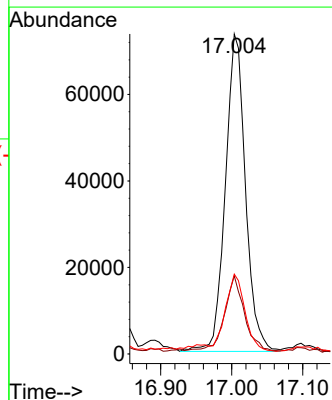
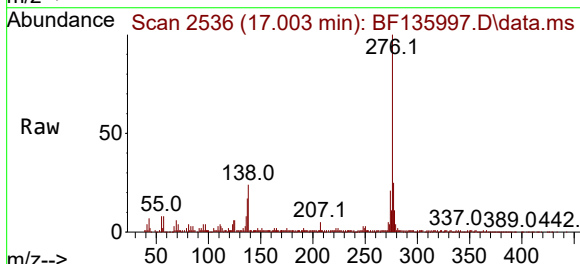
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	23.0	17.3	25.9

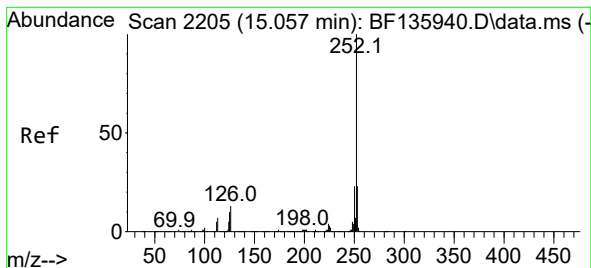


#87
Indeno(1,2,3-cd)pyrene
Concen: 10.992 ng
RT: 17.003 min Scan# 2536
Delta R.T. 0.011 min
Lab File: BF135997.D
Acq: 27 Oct 2023 21:41

Tgt Ion:276 Resp: 144493

Ion	Ratio	Lower	Upper
276	100		
138	22.5	21.8	32.6
277	23.7	20.0	30.0





#88

Benzo(b)fluoranthene

Concen: 38.560 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.006 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

Instrument :

BNA_F

ClientSampleId :

Q-1(5-10)DL

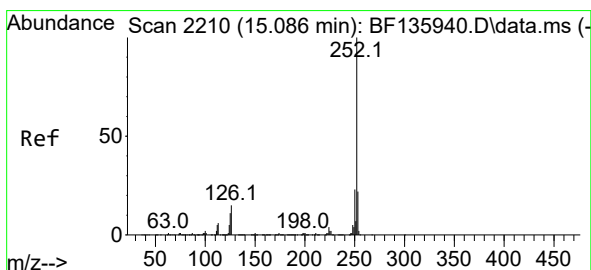
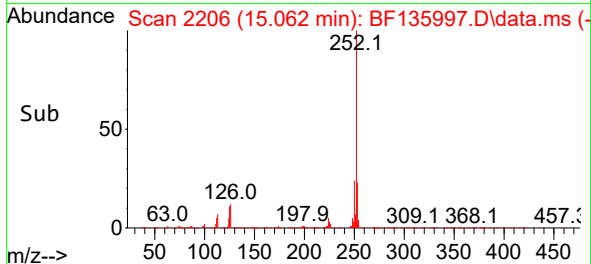
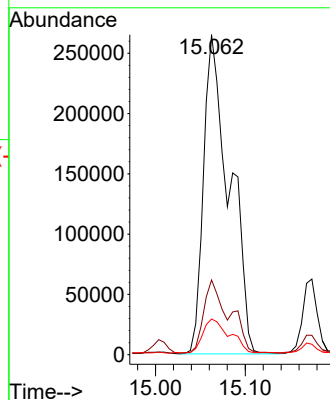
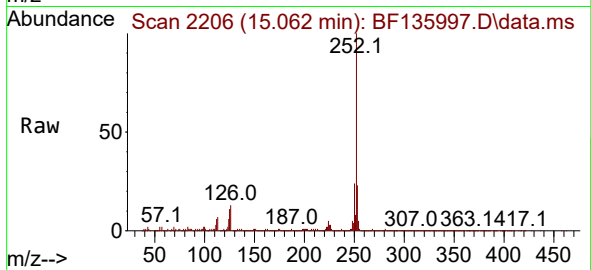
Tgt Ion:252 Resp: 531994

Ion Ratio Lower Upper

252 100

253 23.3 18.0 27.0

125 11.2 8.2 12.4



#89

Benzo(k)fluoranthene

Concen: 39.262 ng

RT: 15.062 min Scan# 2206

Delta R.T. -0.024 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

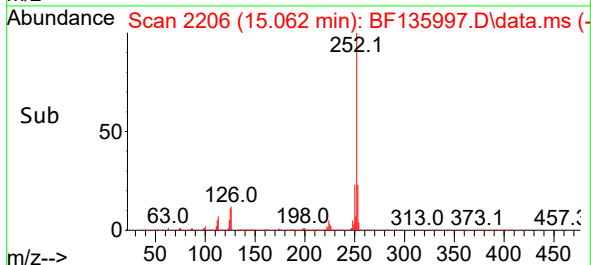
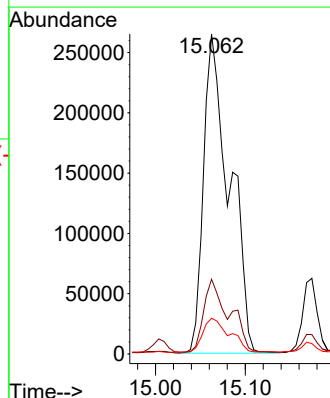
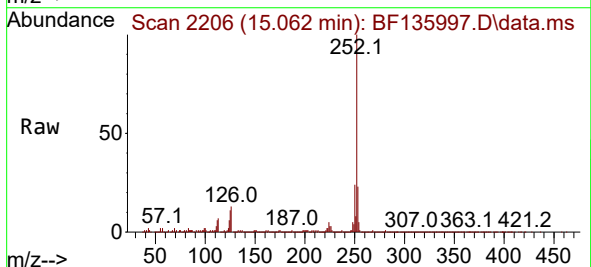
Tgt Ion:252 Resp: 531994

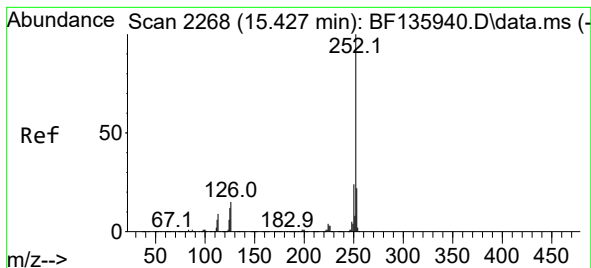
Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 11.2 8.5 12.7





#90

Benzo(a)pyrene

Concen: 21.133 ng

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

Instrument :

BNA_F

ClientSampleId :

Q-1(5-10)DL

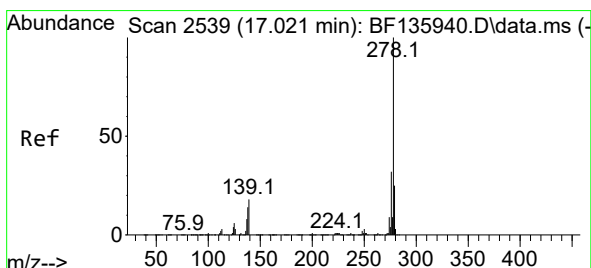
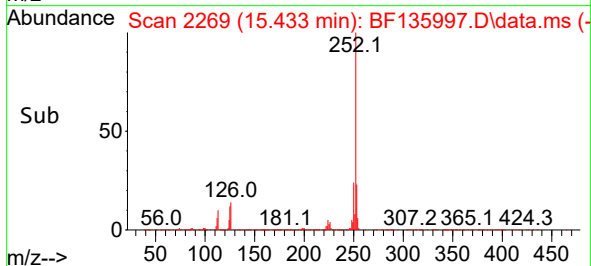
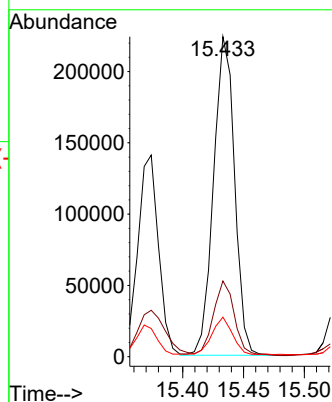
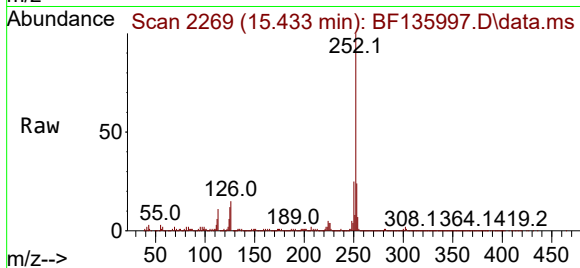
Tgt Ion:252 Resp: 268706

Ion Ratio Lower Upper

252 100

253 23.7 17.4 26.2

125 12.3 9.6 14.4



#91

Dibenzo(a,h)anthracene

Concen: 2.492 ng

RT: 16.821 min Scan# 2505

Delta R.T. -0.200 min

Lab File: BF135997.D

Acq: 27 Oct 2023 21:41

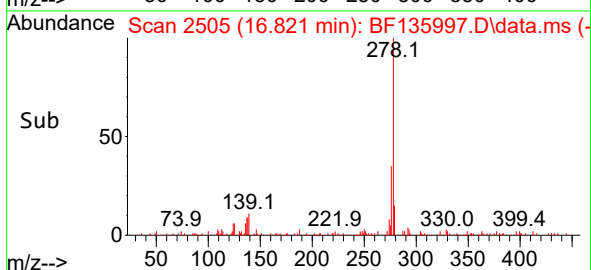
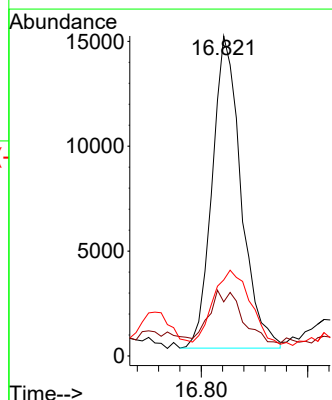
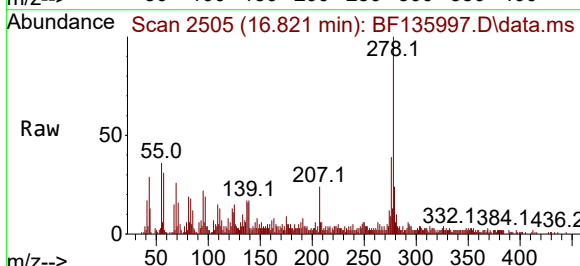
Tgt Ion:278 Resp: 28023

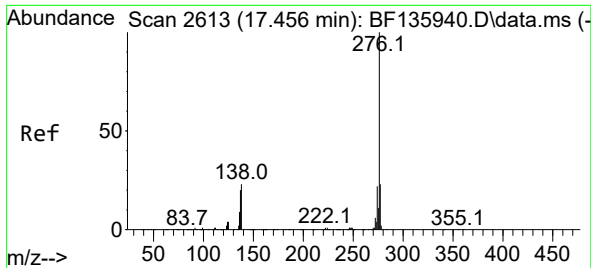
Ion Ratio Lower Upper

278 100

139 16.9 14.0 21.0

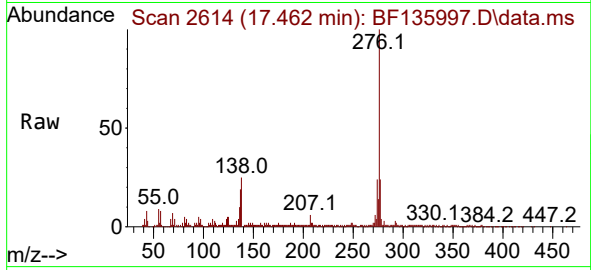
279 23.8 19.7 29.5





#92
 Benzo(g,h,i)perylene
 Concen: 13.153 ng
 RT: 17.462 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF135997.D
 Acq: 27 Oct 2023 21:41

Instrument :
 BNA_F
 ClientSampleId :
 Q-1(5-10)DL



Tgt Ion:	276	Resp:	130308
Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	24.6	18.4	27.6

