

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
 Data File : BF135992.D
 Acq On : 27 Oct 2023 19:06
 Operator : CG\JU
 Sample : 04767-02DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-1(0-5)DL

Quant Time: Oct 27 22:34:54 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	183947	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	725998	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	350283	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	537940	20.000	ng	0.00
76) Chrysene-d12	14.009	240	362135	20.000	ng	0.00
86) Perylene-d12	15.498	264	338022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	564038	47.349	ng	0.00
7) Phenol-d6	6.451	99	690804	46.580	ng	0.00
23) Nitrobenzene-d5	7.381	82	387475	40.285	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	143008	46.643	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	749607	34.267	ng	0.00
79) Terphenyl-d14	12.951	244	544449	25.119	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	50636	6.004	ng	# 80
24) Nitrobenzene	7.433	77	183	2.596	ng	# 6
25) Isophorone	7.381	82	386562	16.845	ng	# 64
26) 2-Nitrophenol	7.769	139	55	3.102	ng	# 1
31) Naphthalene	8.128	128	159080	4.532	ng	# 98
32) Benzoic acid	7.886	122	1247	6.111	ng	# 22
38) 1-Methylnaphthalene	8.916	142	83309	3.839	ng	# 100
48) 2-Nitroaniline	9.380	65	609	4.330	ng	# 46
49) Acenaphthylene	9.722	152	186700	6.028	ng	# 98
51) 2,6-Dinitrotoluene	9.863	165	50460	14.492	ng	# 21
52) Acenaphthene	9.892	154	74252	3.741	ng	# 98
53) 3-Nitroaniline	9.810	138	505	4.643	ng	# 36
55) Dibenzofuran	10.069	168	161805	5.643	ng	# 97
56) 4-Nitrophenol	10.069	139	61418	18.551	ng	# 15
57) 2,4-Dinitrotoluene	10.104	165	1703	6.085	ng	# 57
58) Fluorene	10.410	166	79376	3.700	ng	# 99
62) 4-Nitroaniline	10.457	138	517	4.733	ng	# 89
65) 4,6-Dinitro-2-methylph...	10.474	198	97	6.986	ng	# 1
70) Pentachlorophenol	11.021	266	59	4.239	ng	# 19
71) Phenanthrene	11.380	178	1237706	45.477	ng	# 100
72) Anthracene	11.427	178	481754	17.288	ng	# 98
73) Carbazole	11.580	167	58911	2.370	ng	# 98
75) Fluoranthene	12.574	202	1230850	42.988	ng	# 97
78) Pyrene	12.804	202	1211385	39.840	ng	# 100
80) Butylbenzylphthalate	13.427	149	686	3.882	ng	# 27
81) Benzo(a)anthracene	14.004	228	656356	26.656	ng	# 95
83) Chrysene	14.039	228	564781	23.550	ng	# 98
87) Indeno(1,2,3-cd)pyrene	17.003	276	155770	8.127	ng	# 96
88) Benzo(b)fluoranthene	15.062	252	790492	39.296	ng	# 99
89) Benzo(k)fluoranthene	15.062	252	790492	40.011	ng	# 98
90) Benzo(a)pyrene	15.433	252	435427	23.486	ng	# 99
91) Dibenzo(a,h)anthracene	17.021	278	44229	2.698	ng	# 92
92) Benzo(g,h,i)perylene	17.456	276	141504	10.755	ng	# 99

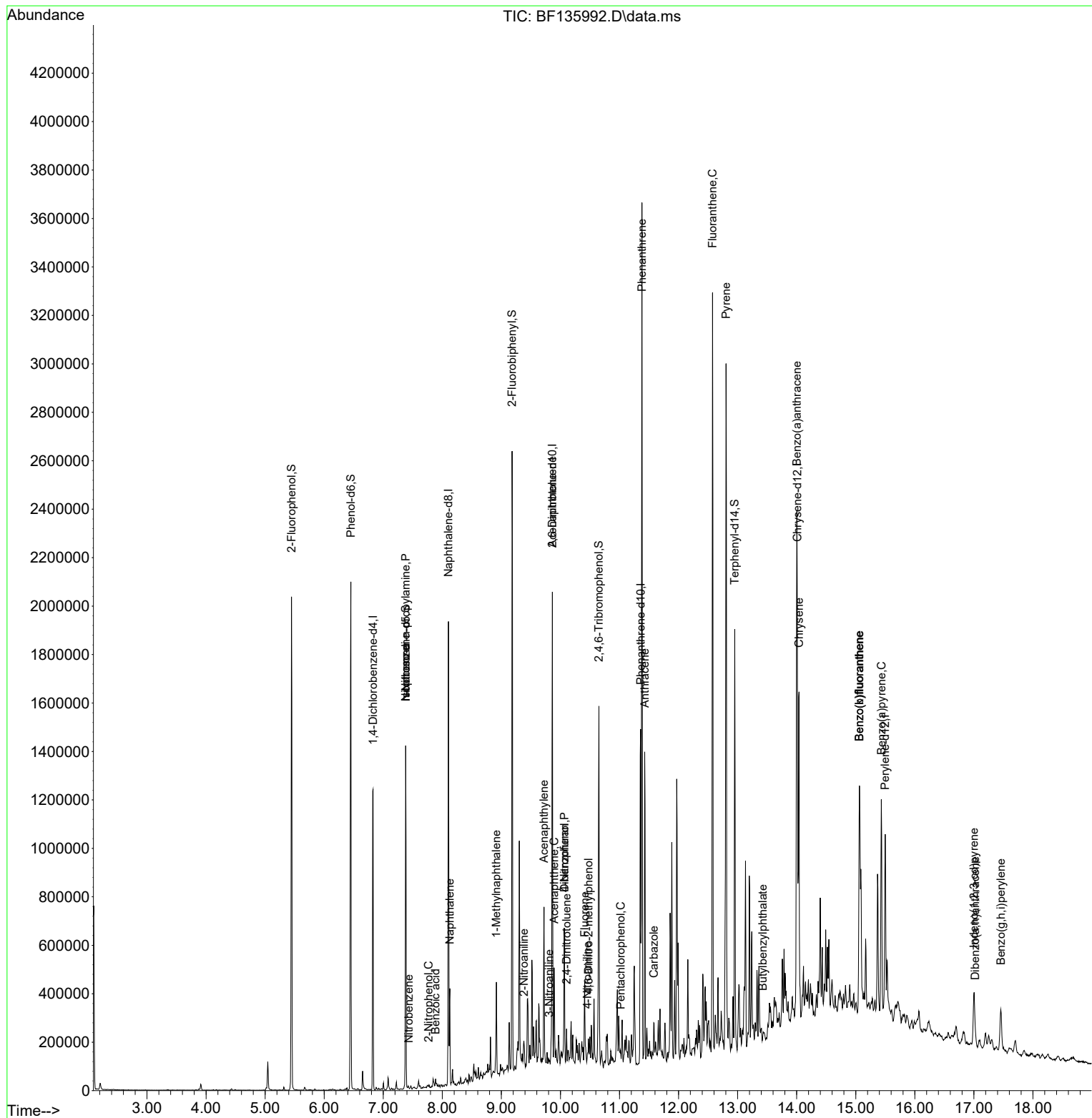
(#) = qualifier out of range (m) = manual integration (+) = signals summed

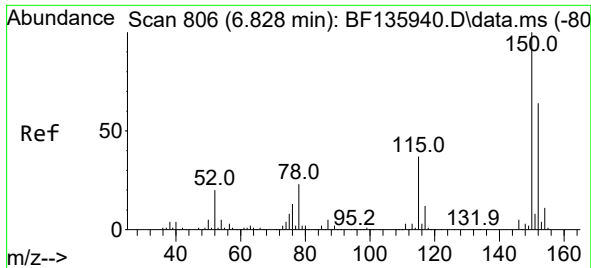
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102723\
Data File : BF135992.D
Acq On : 27 Oct 2023 19:06
Operator : CG\JU
Sample : 04767-02DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

Quant Time: Oct 27 22:34:54 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

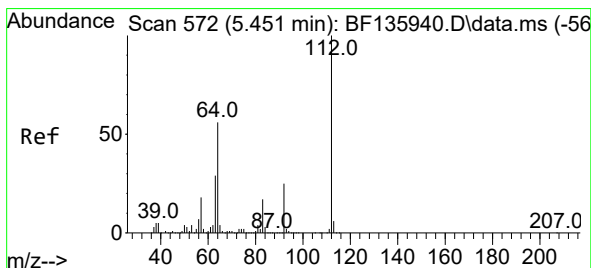
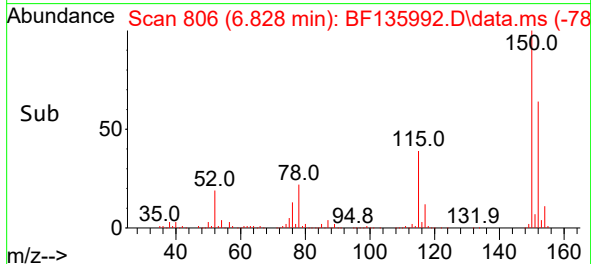
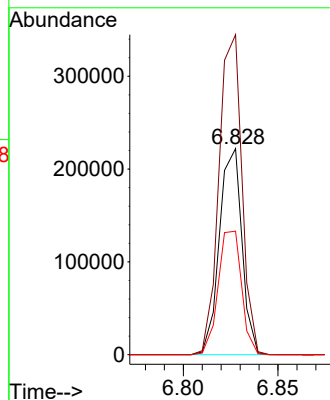
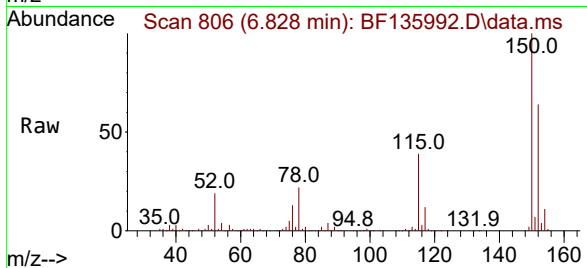




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

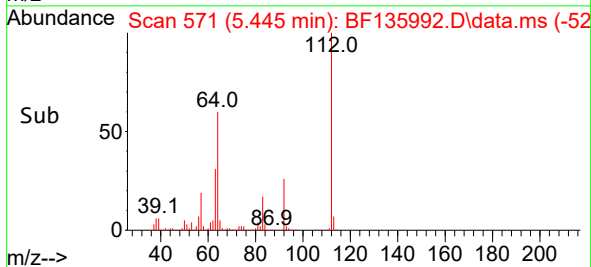
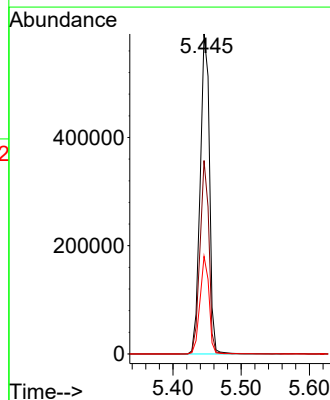
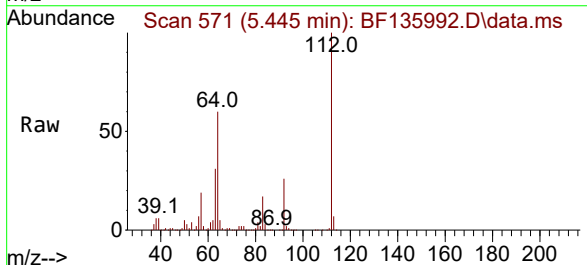
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

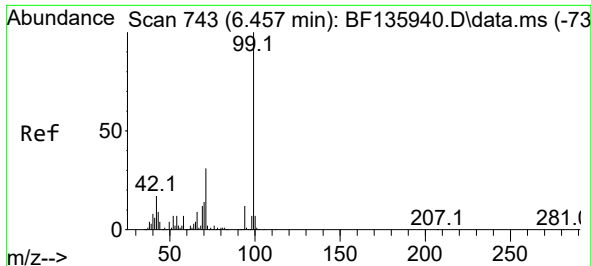
Tgt Ion:152 Resp: 183947
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 59.9 46.6 69.8



#5
2-Fluorophenol
Concen: 47.349 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion:112 Resp: 564038
Ion Ratio Lower Upper
112 100
64 60.4 45.1 67.7
63 30.5 23.0 34.4

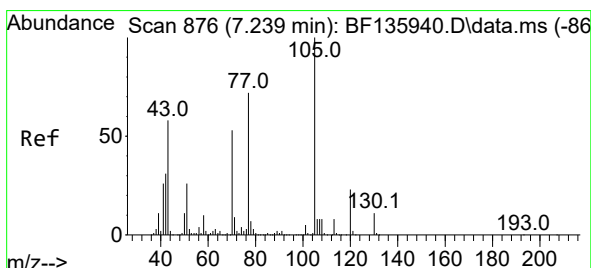
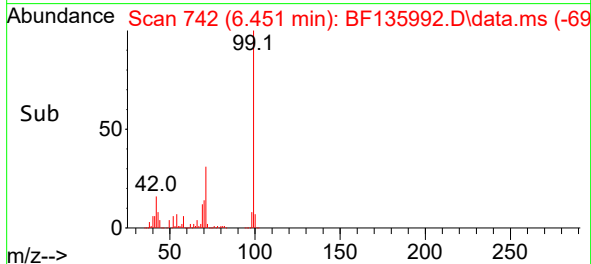
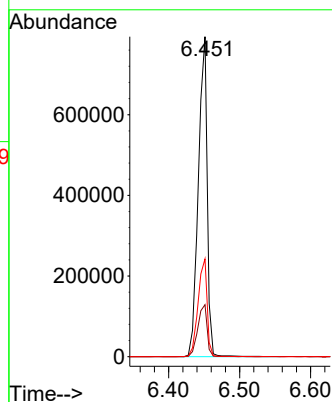
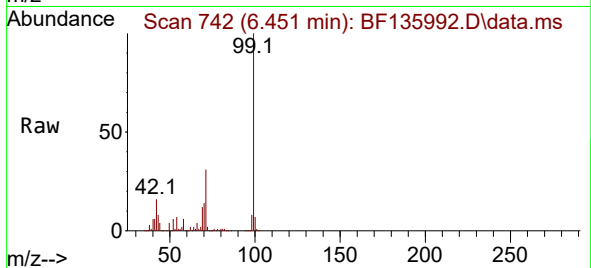




#7
Phenol-d6
Concen: 46.580 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

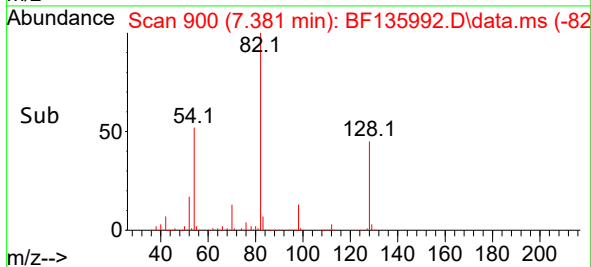
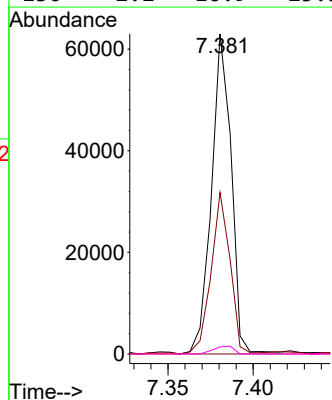
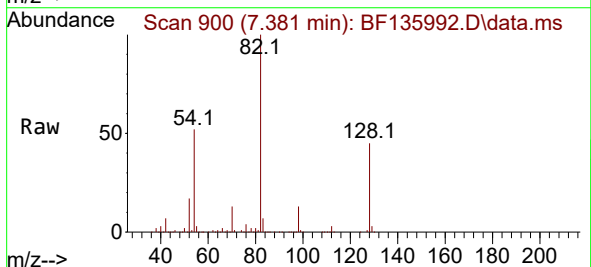
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

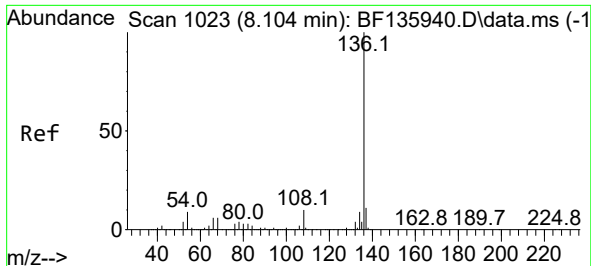
Tgt Ion: 99 Resp: 690804
Ion Ratio Lower Upper
99 100
42 16.2 13.8 20.8
71 30.6 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 6.004 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion: 70 Resp: 50636
Ion Ratio Lower Upper
70 100
42 50.5 47.3 70.9
101 0.0 7.8 11.8#
130 2.2 16.9 25.3#

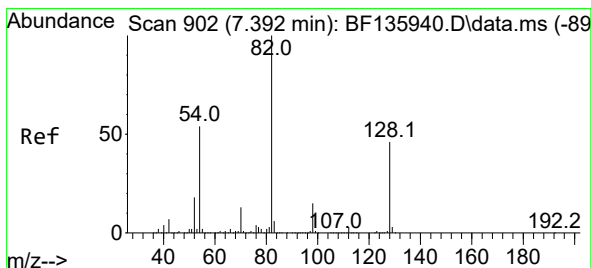
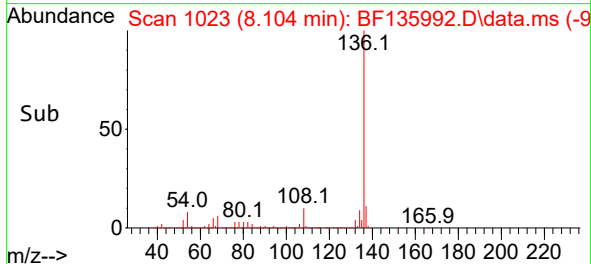
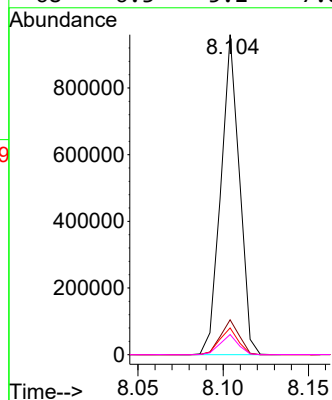
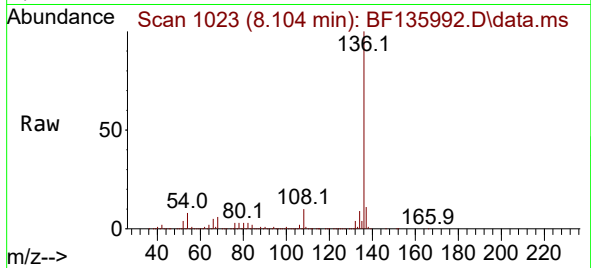




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

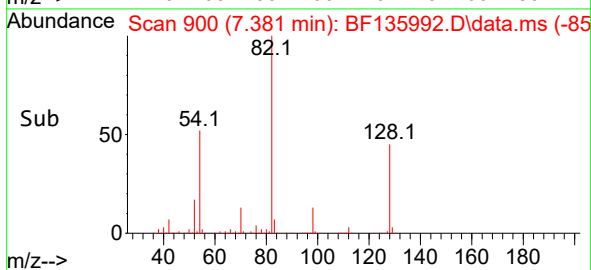
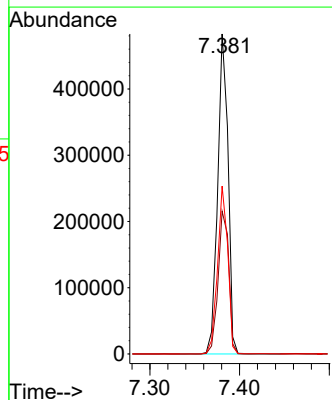
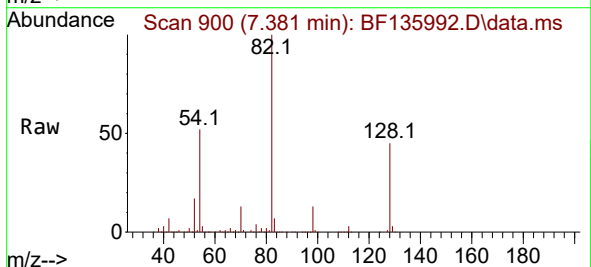
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

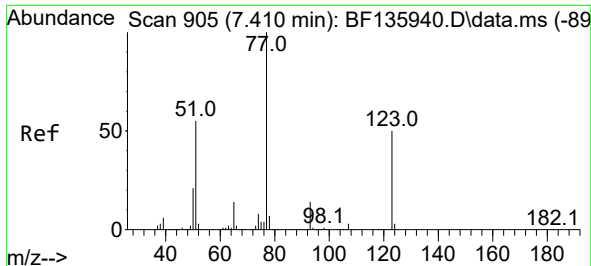
Tgt Ion:	136	Resp:	725998
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.3	7.1	10.7
68	6.3	5.2	7.8



#23
Nitrobenzene-d5
Concen: 40.285 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.011 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion:	82	Resp:	387475
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.8	55.2
54	52.5	43.4	65.0

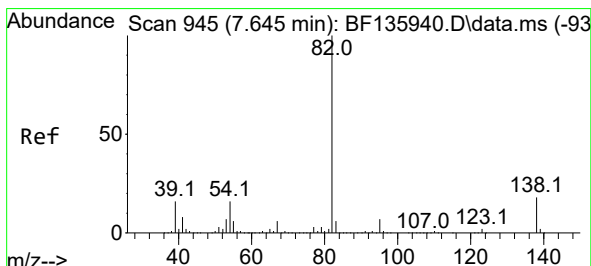
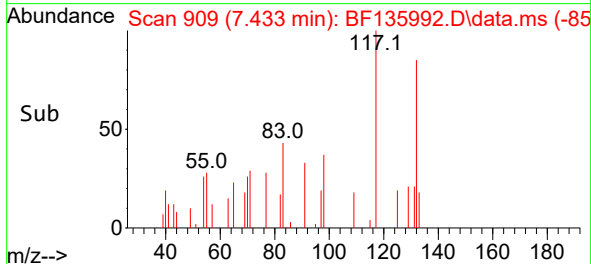
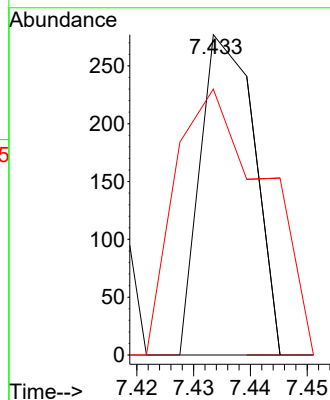
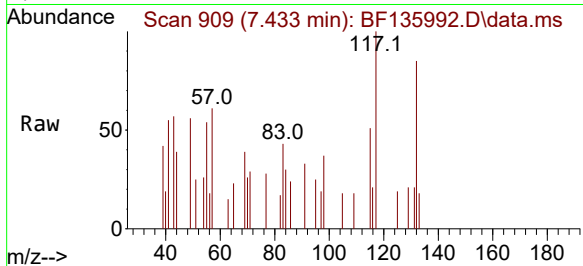




#24
Nitrobenzene
Concen: 2.596 ng
RT: 7.433 min Scan# 905
Delta R.T. 0.023 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

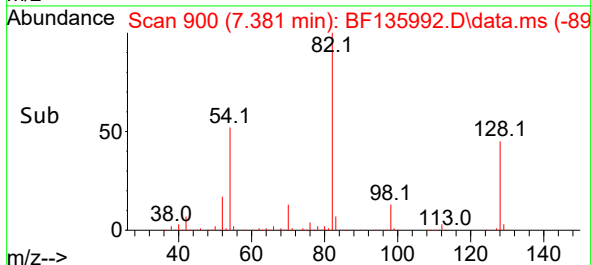
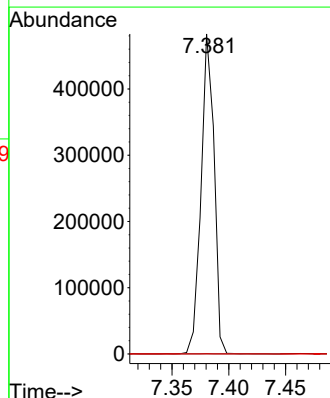
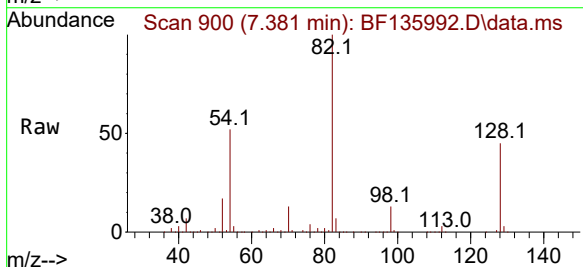
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

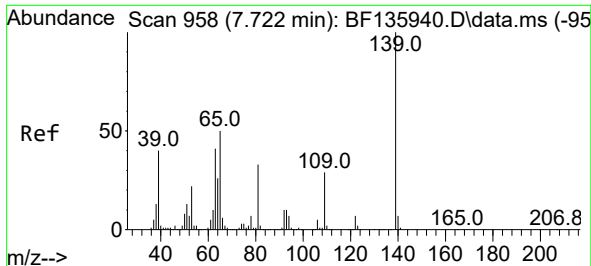
Tgt Ion: 77 Resp: 183
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 83.0 11.0 16.4#



#25
Isophorone
Concen: 16.845 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion: 82 Resp: 386562
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.8 22.2#

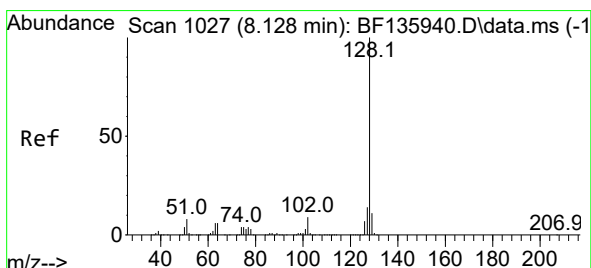
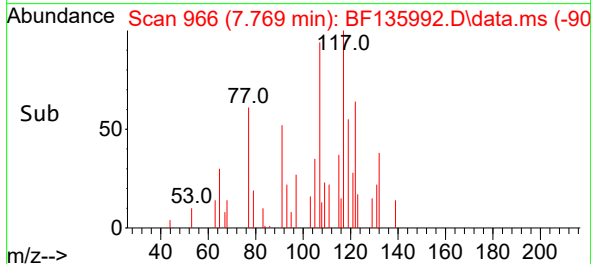
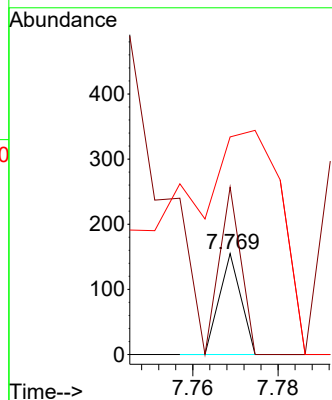
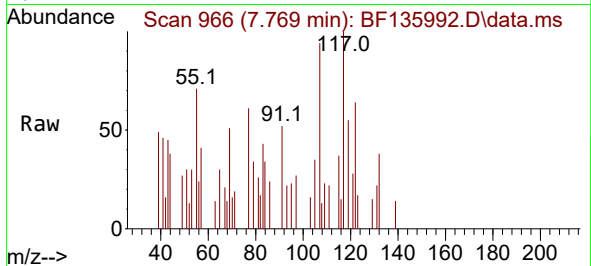




#26
2-Nitrophenol
Concen: 3.102 ng
RT: 7.769 min Scan# 90
Delta R.T. 0.047 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

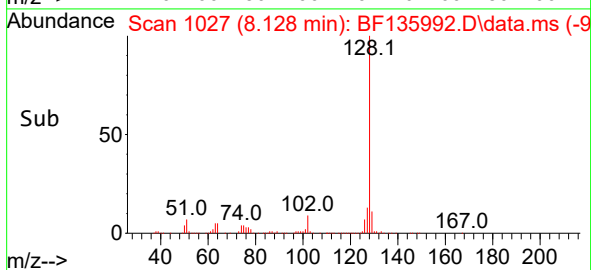
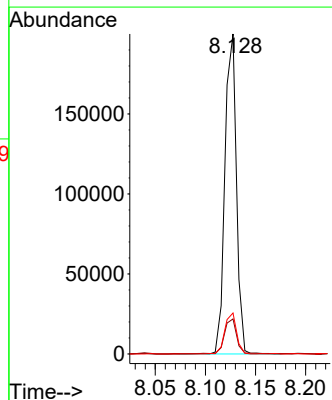
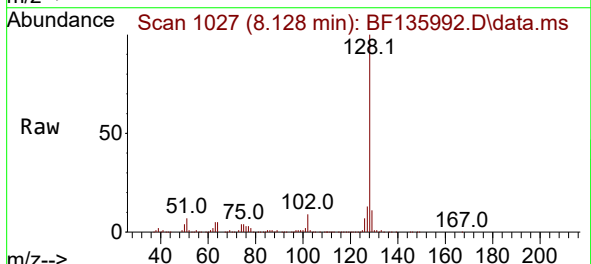
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

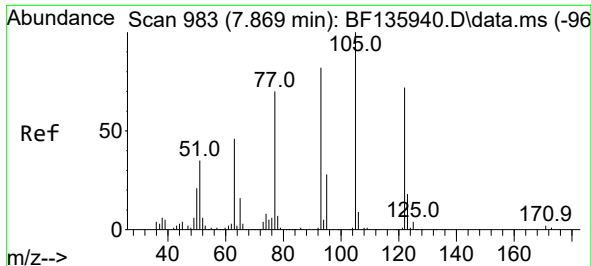
Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 165.8 23.1 34.7#
65 215.5 39.8 59.8#



#31
Naphthalene
Concen: 4.532 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion:128 Resp: 159080
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.8 10.9 16.3

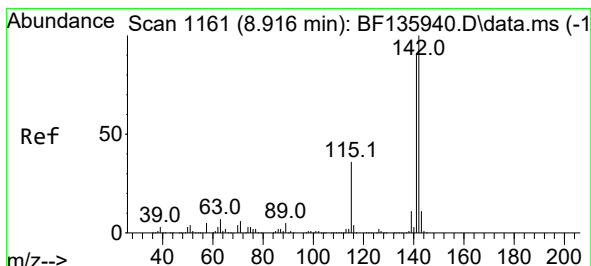
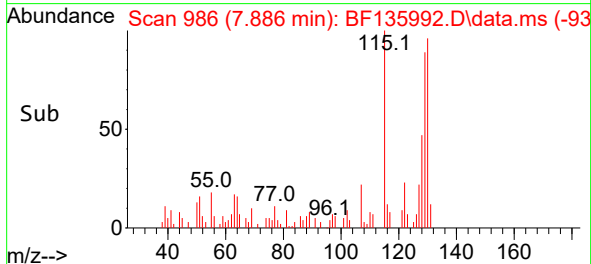
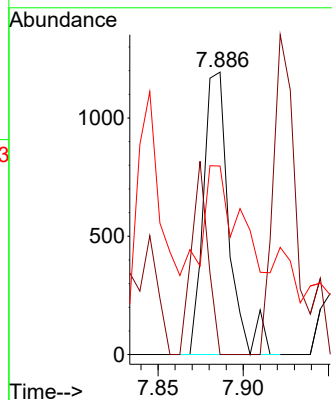
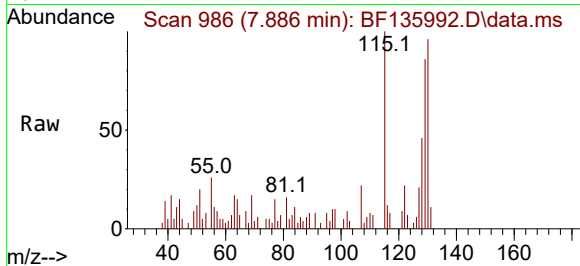




#32
Benzoic acid
Concen: 6.111 ng
RT: 7.886 min Scan# 911
Delta R.T. 0.017 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

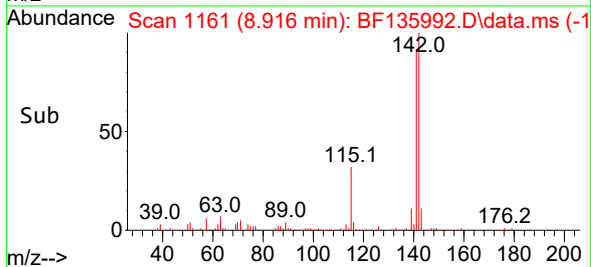
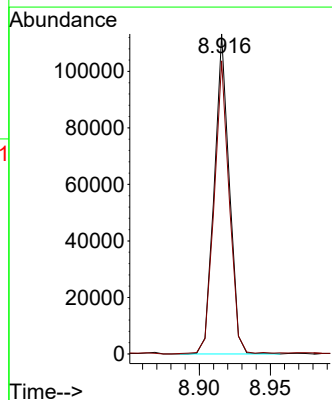
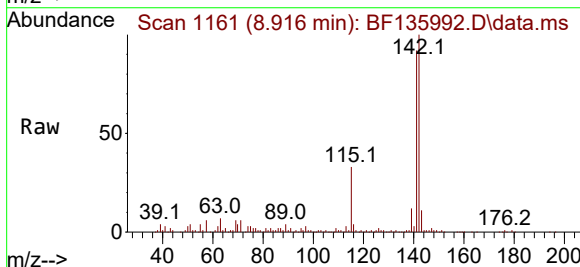
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

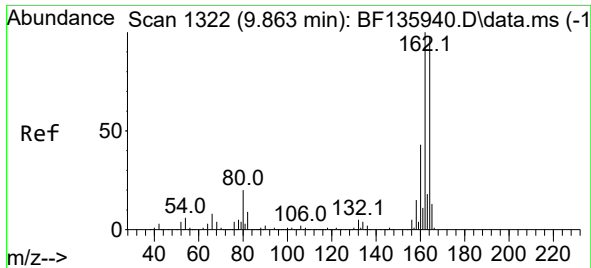
Tgt Ion:122 Resp: 1247
Ion Ratio Lower Upper
122 100
105 0.0 113.1 153.1#
77 66.8 75.2 115.2#



#38
1-Methylnaphthalene
Concen: 3.839 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion:142 Resp: 83309
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7

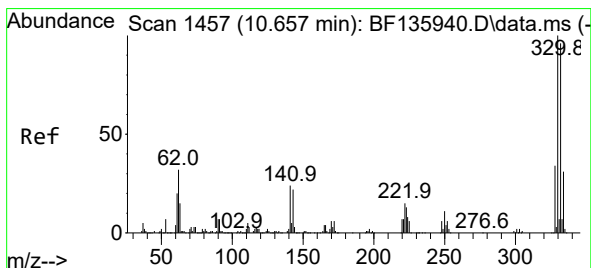
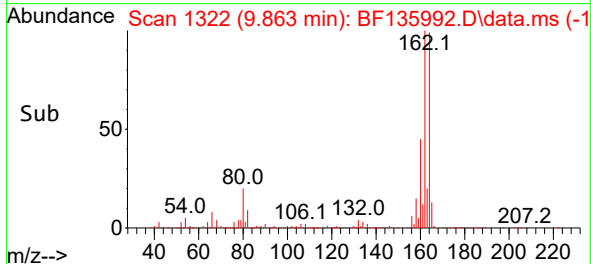
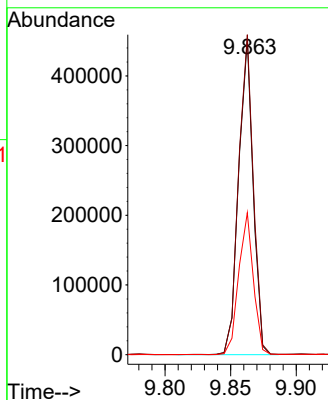
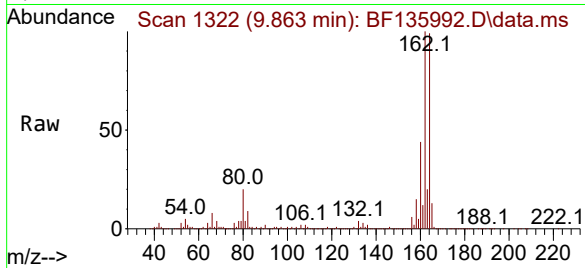




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

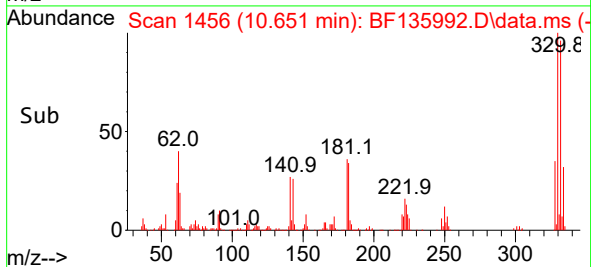
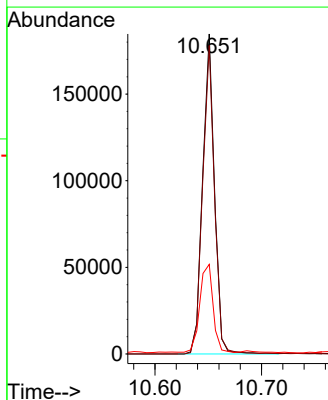
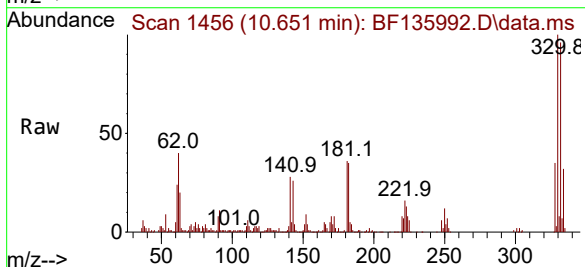
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

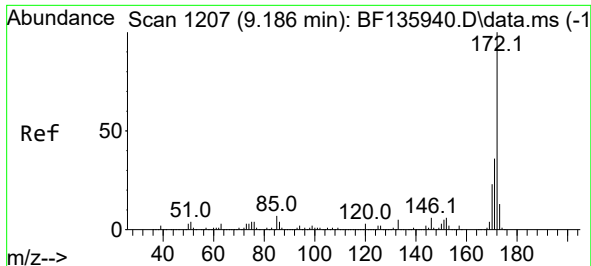
Tgt Ion:164 Resp: 350283
Ion Ratio Lower Upper
164 100
162 101.5 82.0 123.0
160 45.0 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 46.643 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion:330 Resp: 143008
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 31.3 24.9 37.3

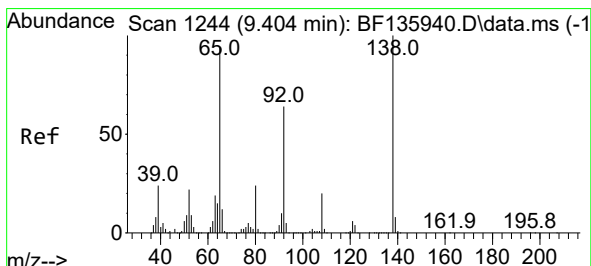
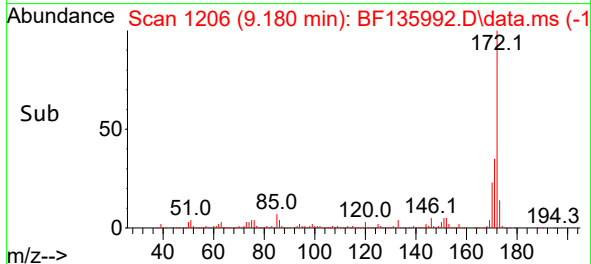
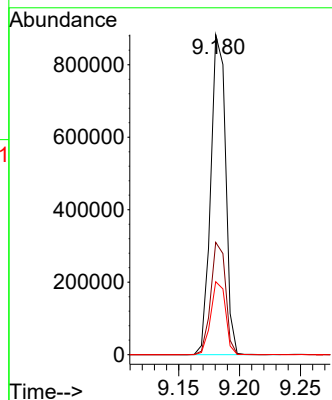
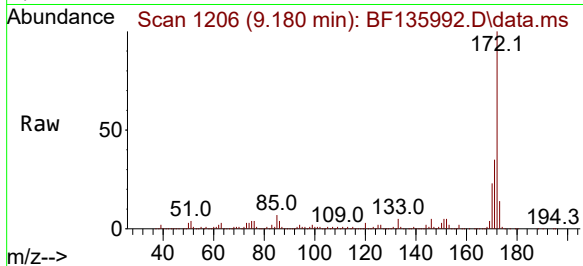




#45
2-Fluorobiphenyl
Concen: 34.267 ng
RT: 9.180 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

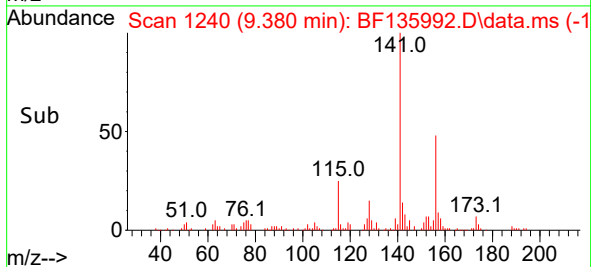
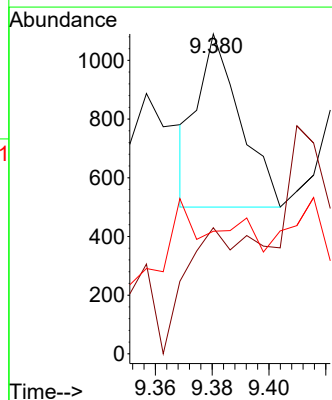
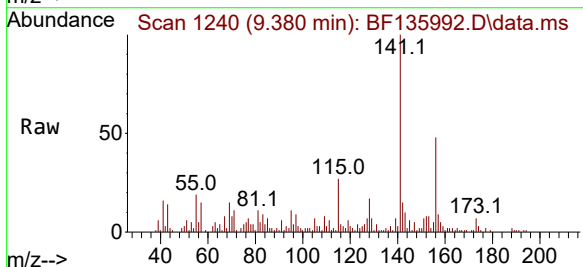
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

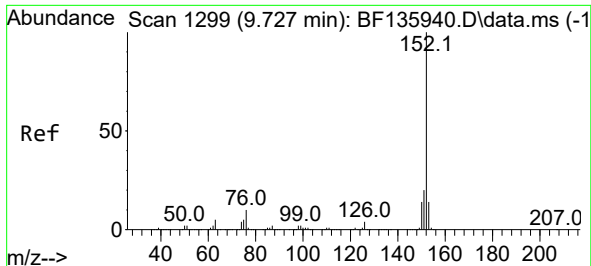
Tgt Ion:172 Resp: 749607
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 22.8 18.6 28.0



#48
2-Nitroaniline
Concen: 4.330 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.024 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion: 65 Resp: 609
Ion Ratio Lower Upper
65 100
92 39.4 54.9 82.3#
138 38.3 85.2 127.8#





#49

Acenaphthylene

Concen: 6.028 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135992.D

Acq: 27 Oct 2023 19:06

Instrument :

BNA_F

ClientSampleId :

E-1(0-5)DL

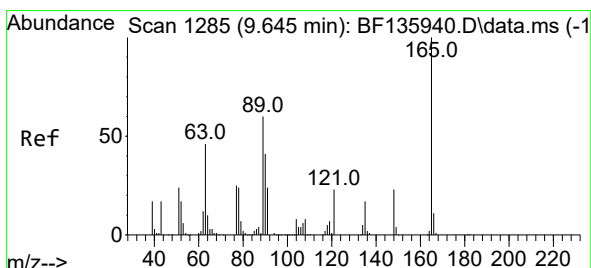
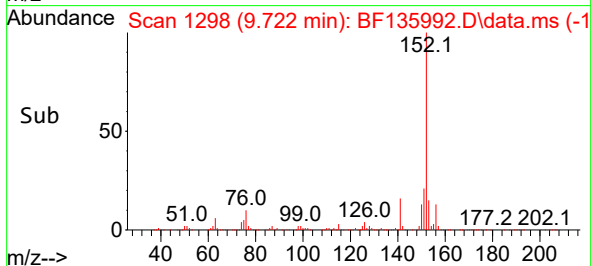
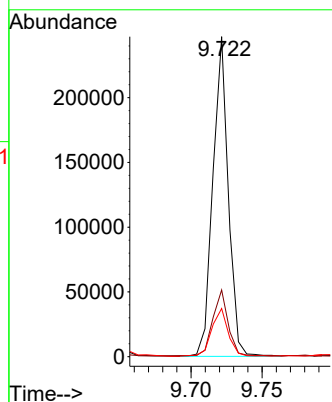
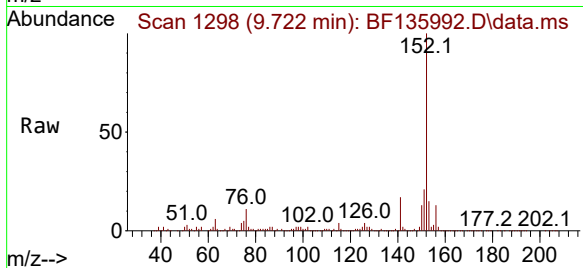
Tgt Ion:152 Resp: 186700

Ion Ratio Lower Upper

152 100

151 20.8 16.0 24.0

153 15.0 11.0 16.6



#51

2,6-Dinitrotoluene

Concen: 14.492 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.218 min

Lab File: BF135992.D

Acq: 27 Oct 2023 19:06

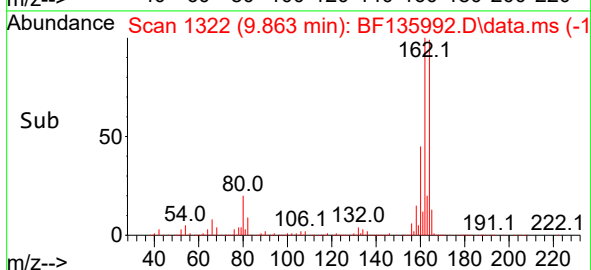
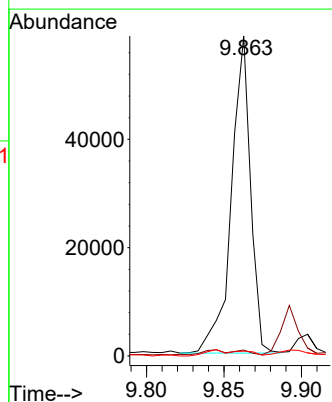
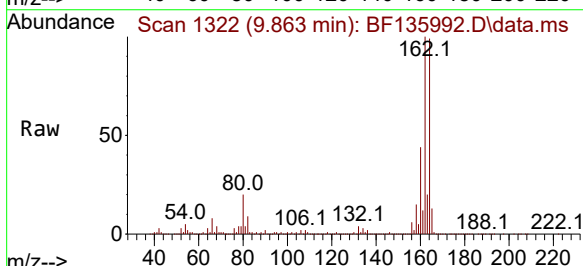
Tgt Ion:165 Resp: 50460

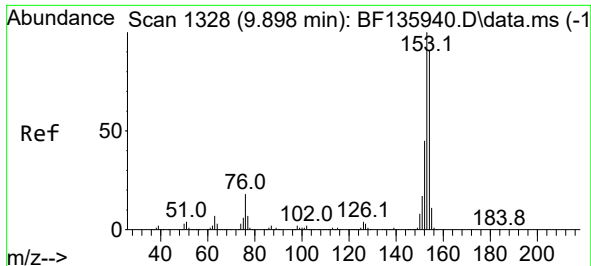
Ion Ratio Lower Upper

165 100

63 1.8 51.7 77.5#

89 1.5 48.3 72.5#

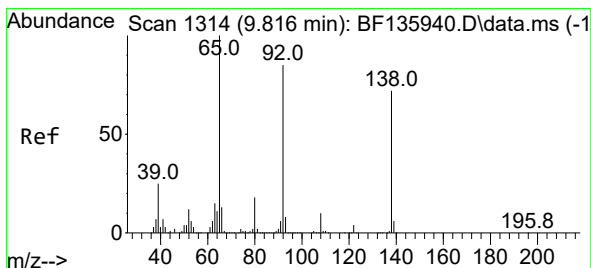
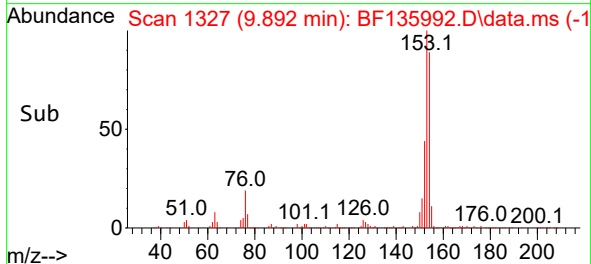
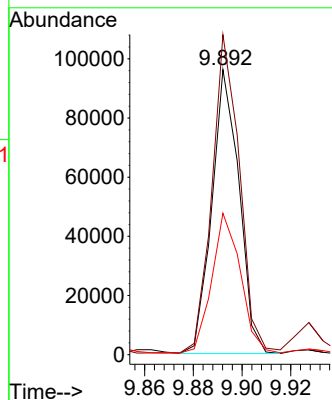
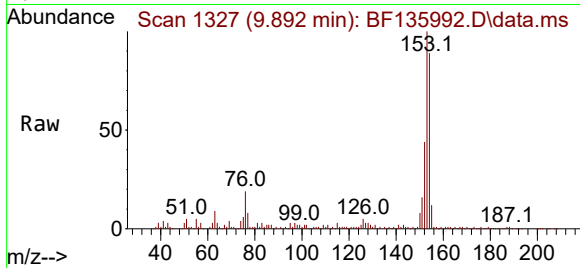




#52
Acenaphthene
Concen: 3.741 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

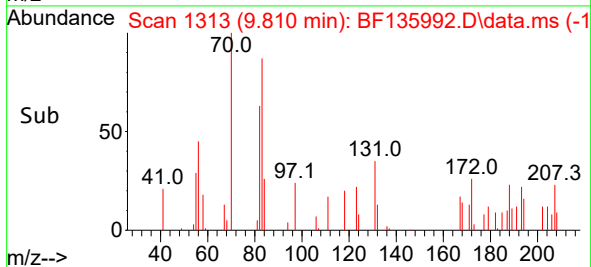
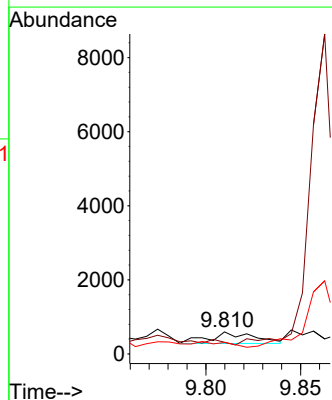
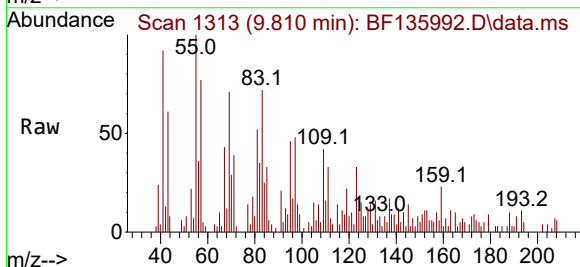
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

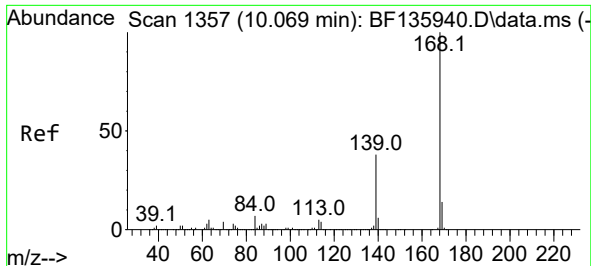
Tgt Ion:154 Resp: 74252
Ion Ratio Lower Upper
154 100
153 112.2 88.0 132.0
152 49.6 39.4 59.2



#53
3-Nitroaniline
Concen: 4.643 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion:138 Resp: 505
Ion Ratio Lower Upper
138 100
108 52.9 11.3 16.9#
92 52.1 95.0 142.6#

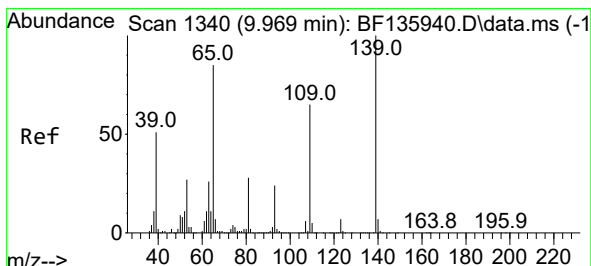
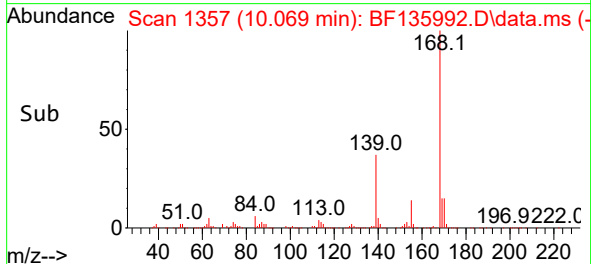
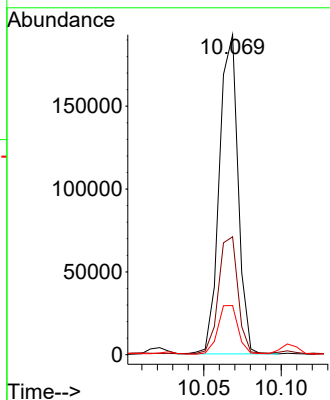
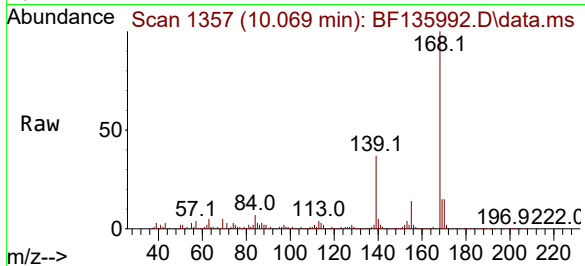




#55
Dibenzofuran
Concen: 5.643 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

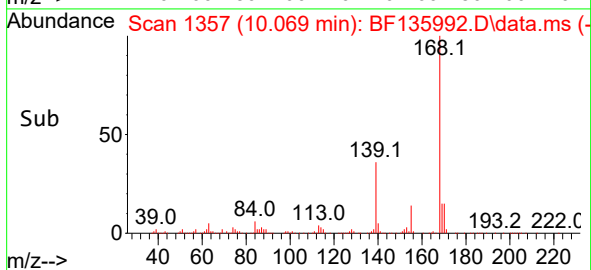
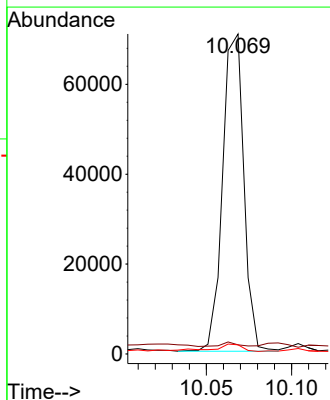
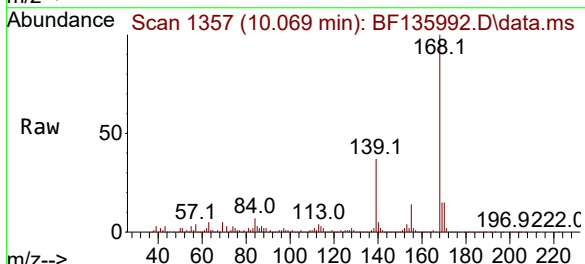
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

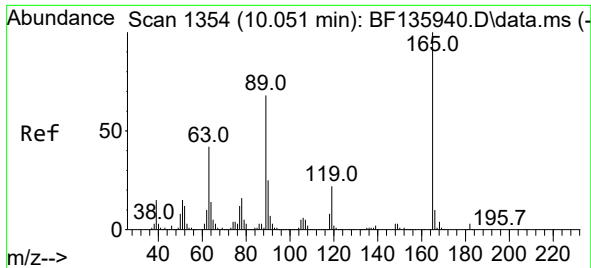
Tgt Ion:168 Resp: 161805
Ion Ratio Lower Upper
168 100
139 36.9 30.7 46.1
169 15.4 11.1 16.7



#56
4-Nitrophenol
Concen: 18.551 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.100 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion:139 Resp: 61418
Ion Ratio Lower Upper
139 100
109 2.9 45.2 85.2#
65 2.9 65.1 105.1#

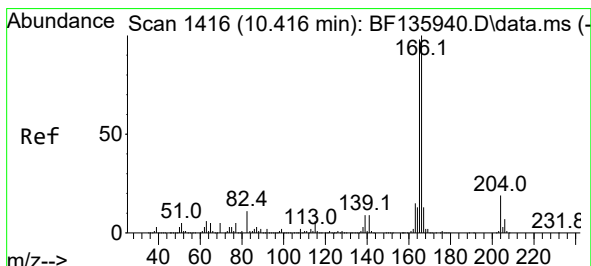
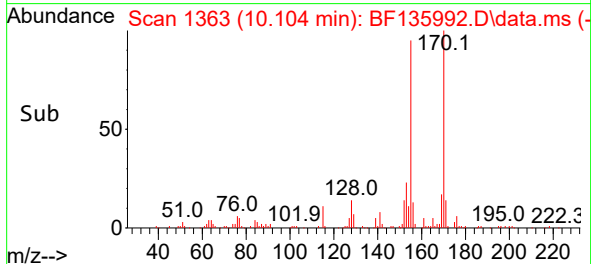
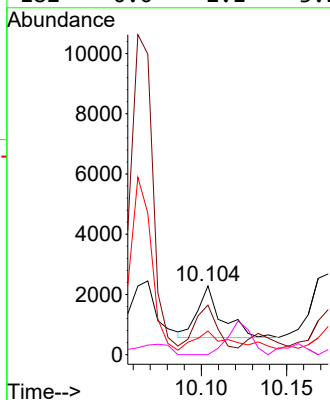
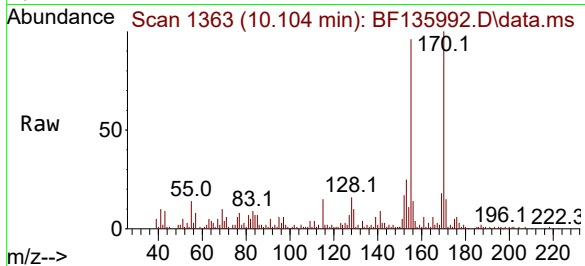




#57
2,4-Dinitrotoluene
Concen: 6.085 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

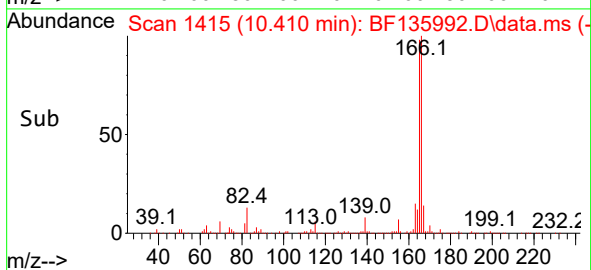
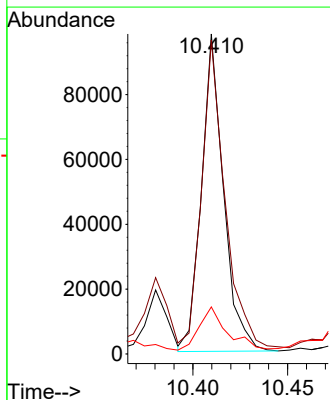
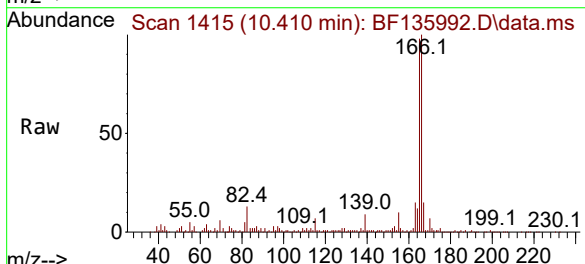
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

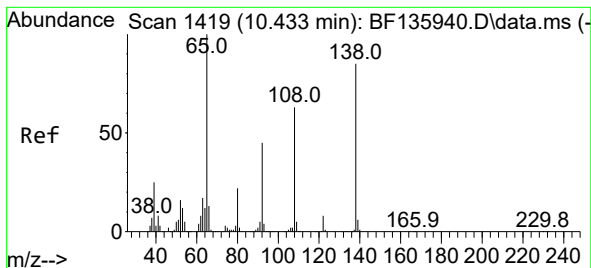
Tgt Ion:165 Resp: 1703
Ion Ratio Lower Upper
165 100
63 72.1 33.7 50.5#
89 34.6 54.6 81.8#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 3.700 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion:166 Resp: 79376
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 14.7 10.6 16.0

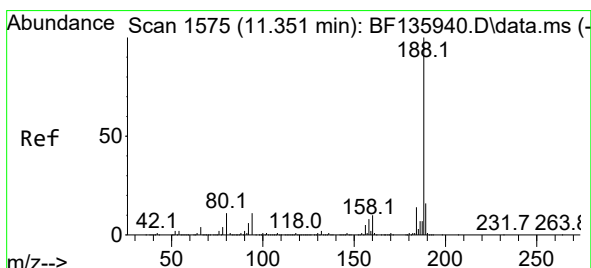
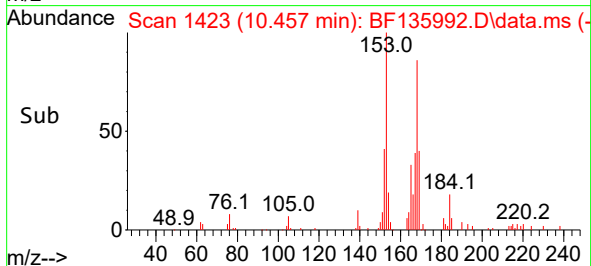
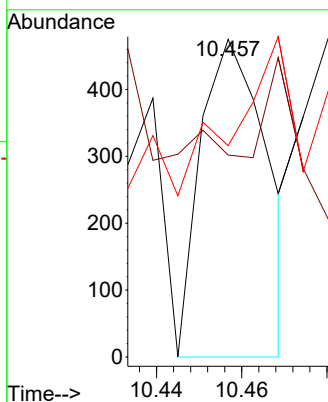
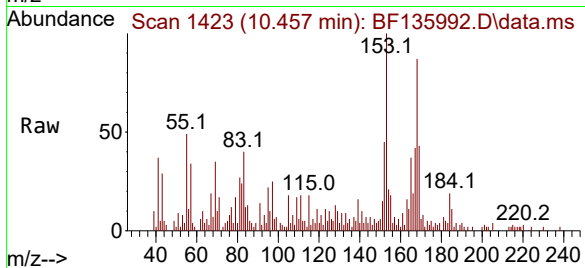




#62
4-Nitroaniline
Concen: 4.733 ng
RT: 10.457 min Scan# 1419
Delta R.T. 0.024 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

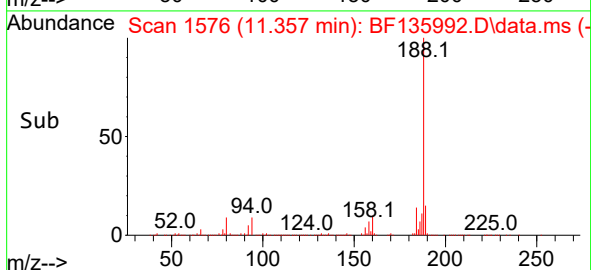
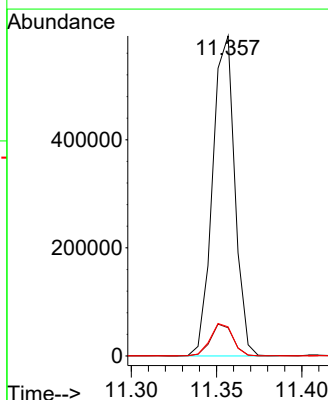
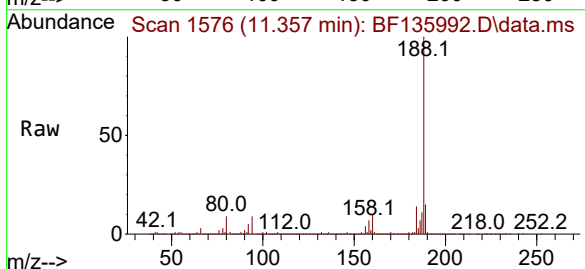
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

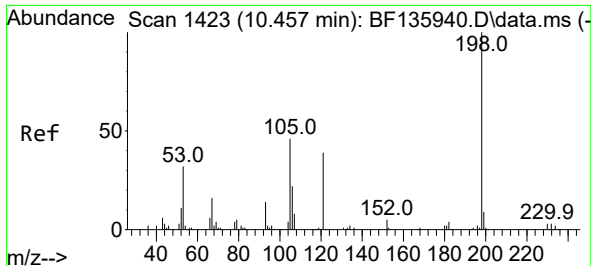
Tgt Ion:138 Resp: 517
Ion Ratio Lower Upper
138 100
92 63.6 32.9 72.9
108 66.5 53.5 93.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion:188 Resp: 537940
Ion Ratio Lower Upper
188 100
94 8.8 8.6 13.0
80 9.1 9.0 13.6

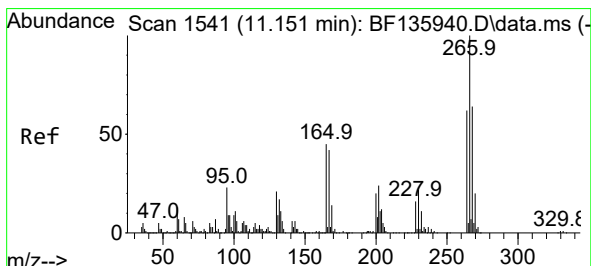
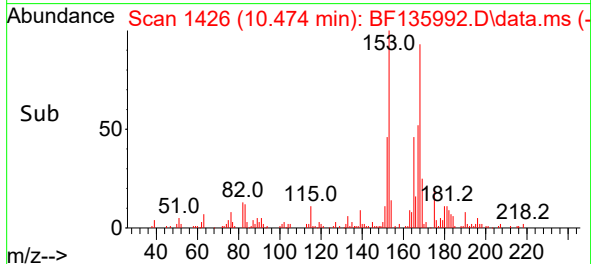
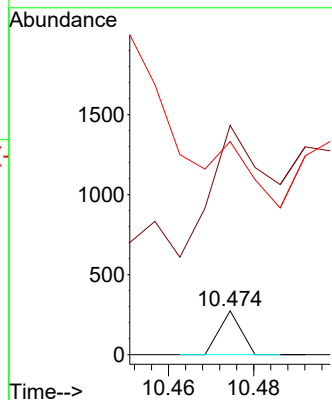
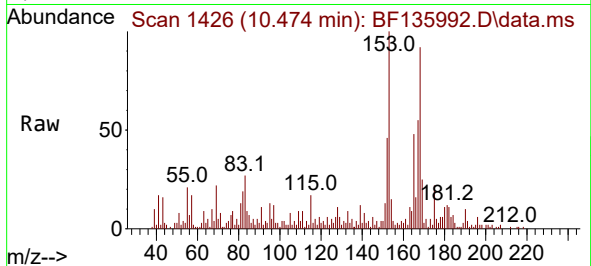




#65
4,6-Dinitro-2-methylphenol
Concen: 6.986 ng
RT: 10.474 min Scan# 1423
Delta R.T. 0.017 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

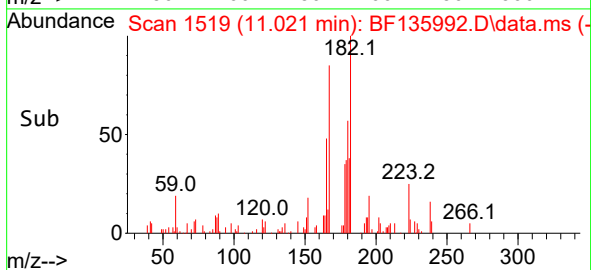
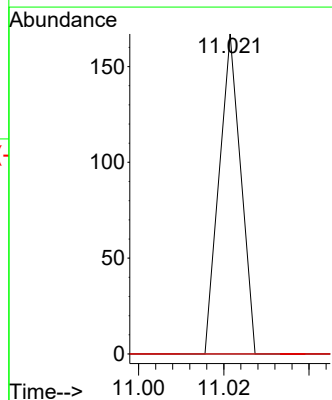
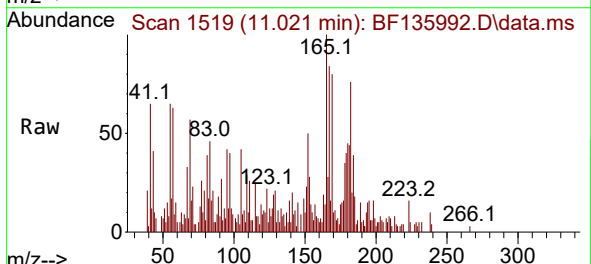
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

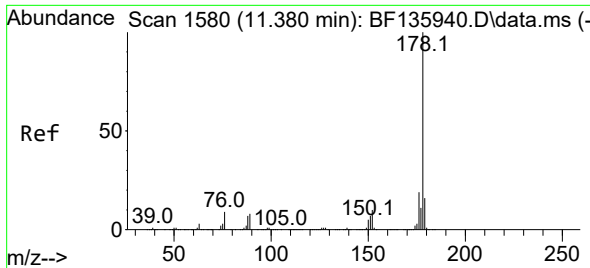
Tgt Ion:198 Resp: 97
Ion Ratio Lower Upper
198 100
51 523.0 28.7 68.7#
105 486.1 27.2 67.2#



#70
Pentachlorophenol
Concen: 4.239 ng
RT: 11.021 min Scan# 1519
Delta R.T. -0.130 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion:266 Resp: 59
Ion Ratio Lower Upper
266 100
268 0.0 50.8 76.2#
264 0.0 49.8 74.6#

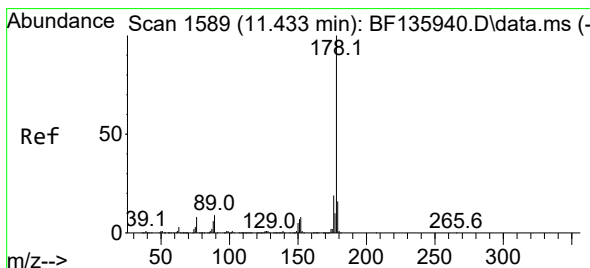
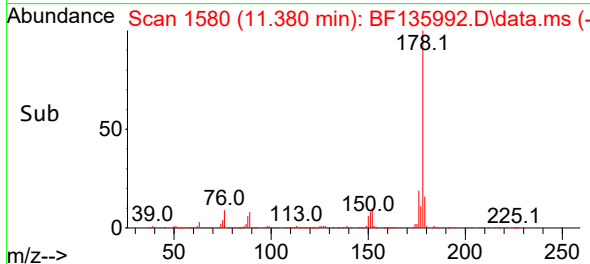
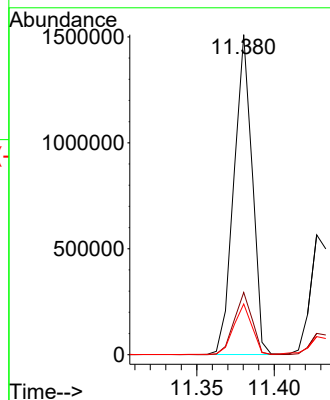
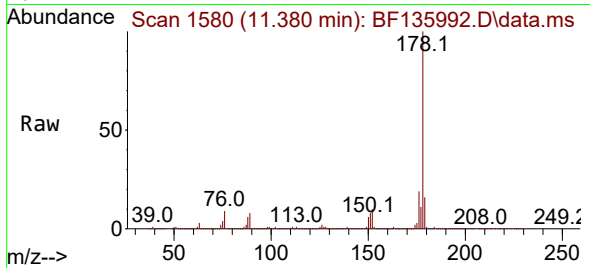




#71
Phenanthrene
Concen: 45.477 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

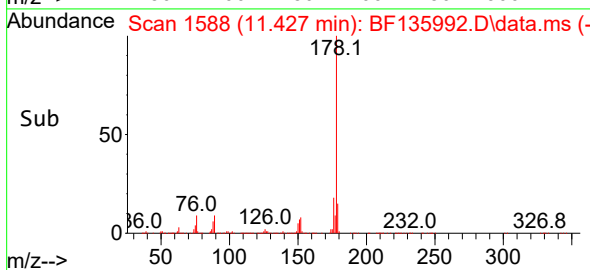
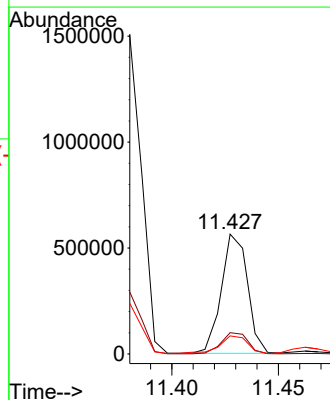
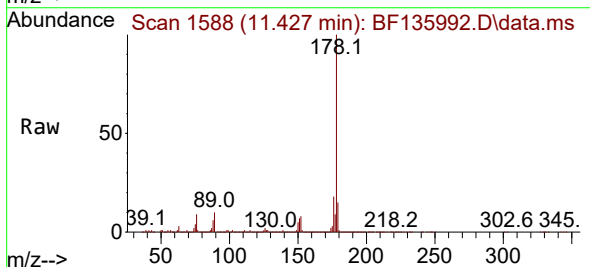
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

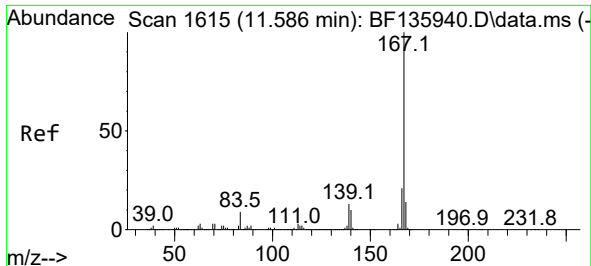
Tgt Ion:178 Resp: 1237706
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.9 12.5 18.7



#72
Anthracene
Concen: 17.288 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion:178 Resp: 481754
Ion Ratio Lower Upper
178 100
176 17.8 14.9 22.3
179 15.1 12.5 18.7

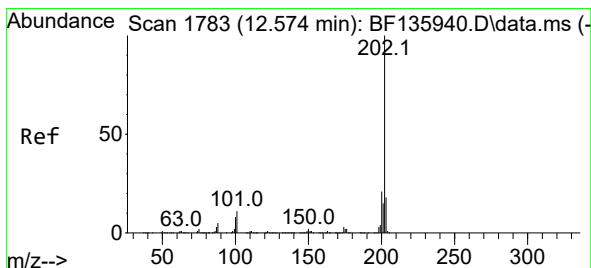
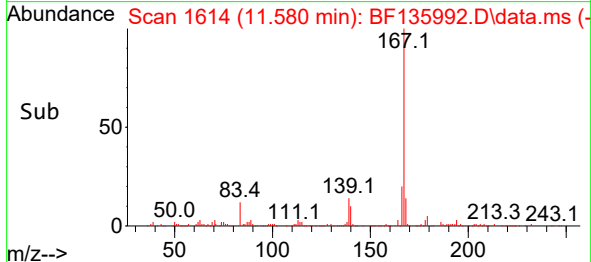
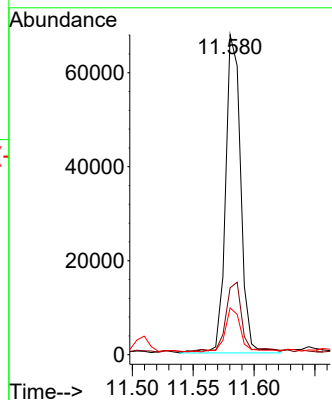
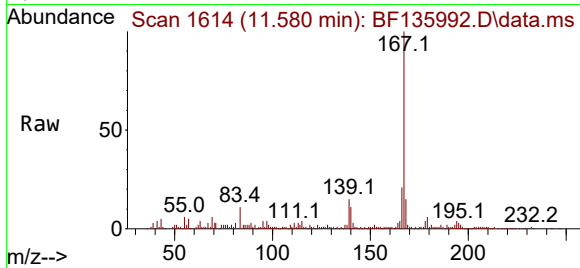




#73
 Carbazole
 Concen: 2.370 ng
 RT: 11.580 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF135992.D
 Acq: 27 Oct 2023 19:06

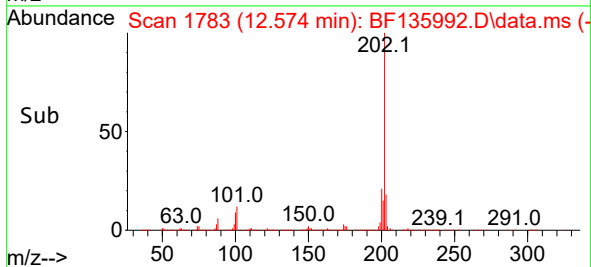
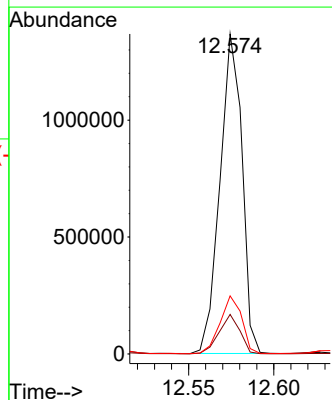
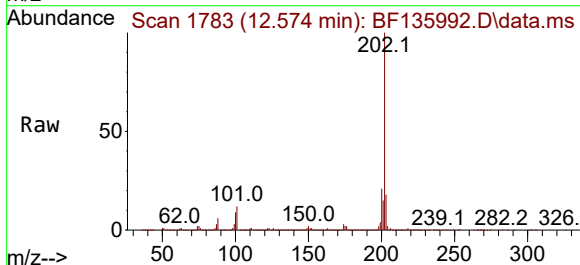
Instrument :
 BNA_F
 ClientSampleId :
 E-1(0-5)DL

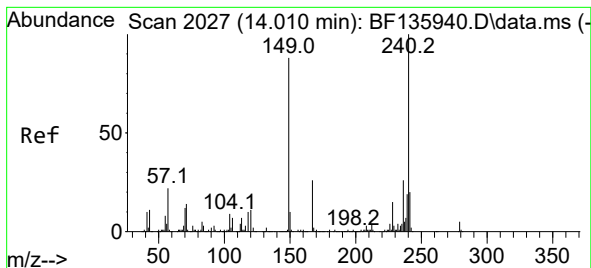
Tgt Ion:167 Resp: 58911
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 14.6 10.4 15.6



#75
 Fluoranthene
 Concen: 42.988 ng
 RT: 12.574 min Scan# 1783
 Delta R.T. -0.000 min
 Lab File: BF135992.D
 Acq: 27 Oct 2023 19:06

Tgt Ion:202 Resp: 1230850
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 30.6
 203 18.2 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.009 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF135992.D

Acq: 27 Oct 2023 19:06

Instrument :

BNA_F

ClientSampleId :

E-1(0-5)DL

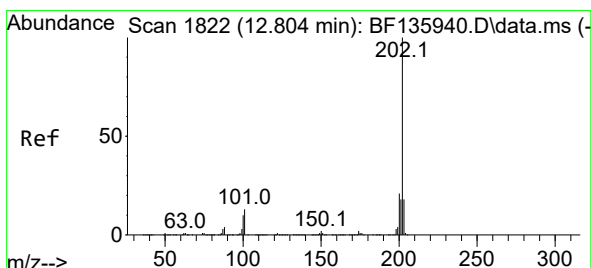
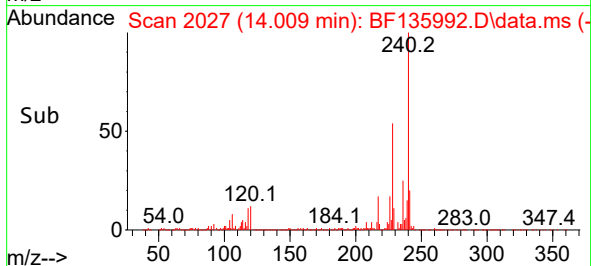
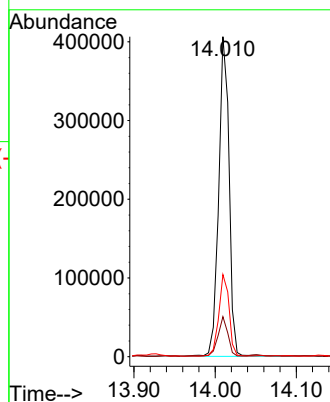
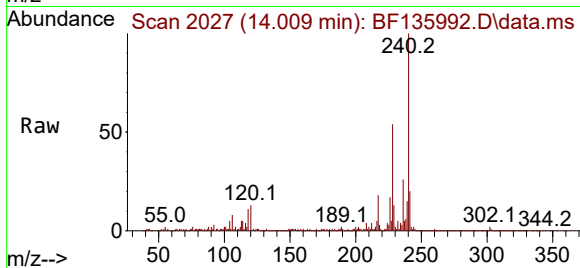
Tgt Ion:240 Resp: 362135

Ion Ratio Lower Upper

240 100

120 12.5 8.6 13.0

236 25.7 20.6 30.8



#78

Pyrene

Concen: 39.840 ng

RT: 12.804 min Scan# 1822

Delta R.T. -0.000 min

Lab File: BF135992.D

Acq: 27 Oct 2023 19:06

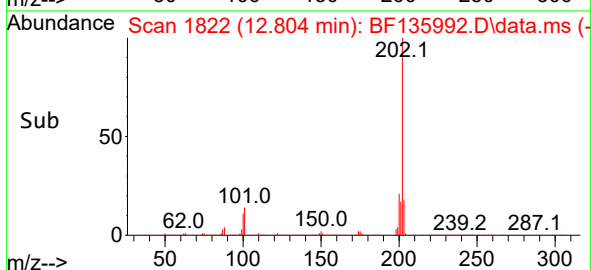
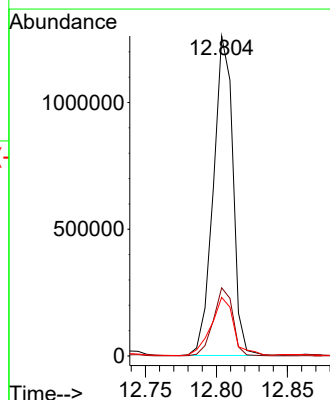
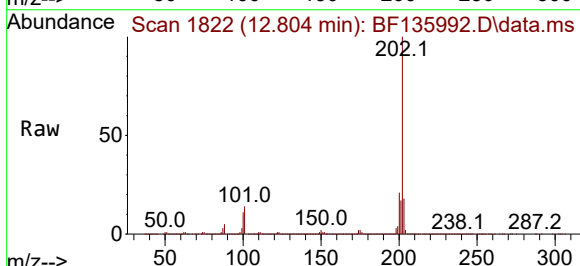
Tgt Ion:202 Resp: 1211385

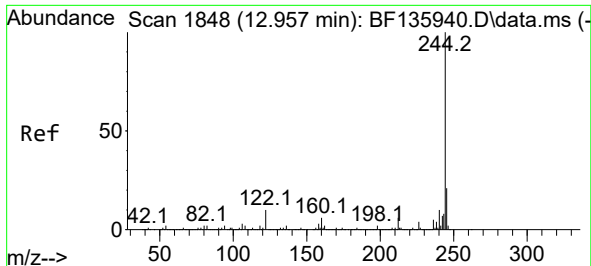
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 18.3 14.5 21.7

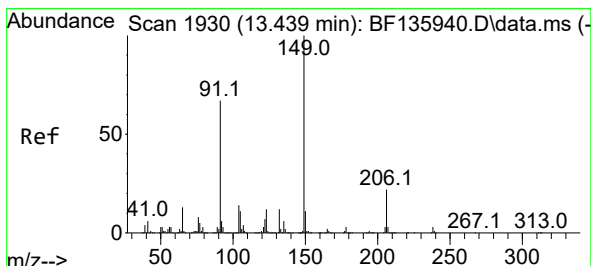
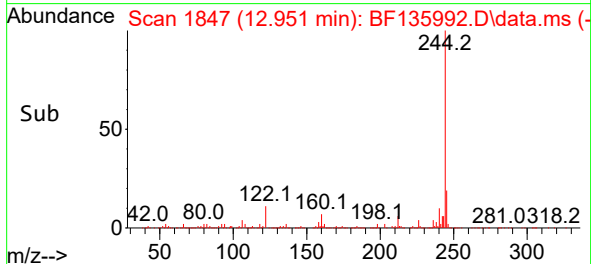
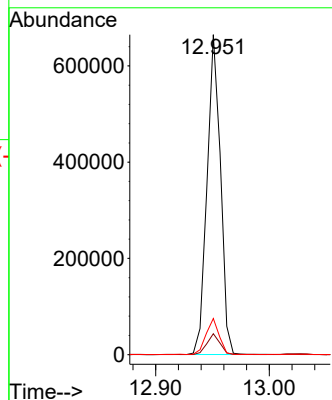
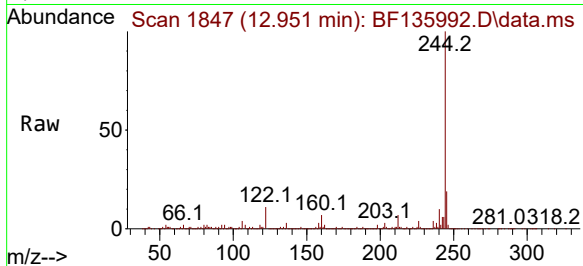




#79
 Terphenyl-d14
 Concen: 25.119 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135992.D
 Acq: 27 Oct 2023 19:06

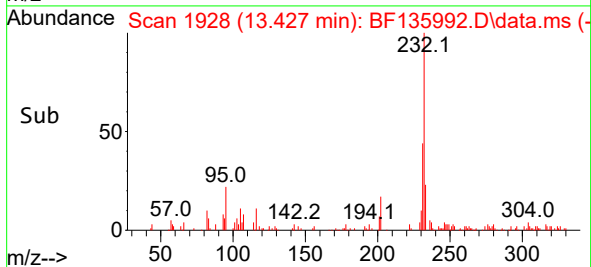
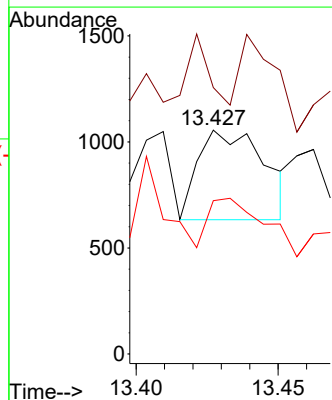
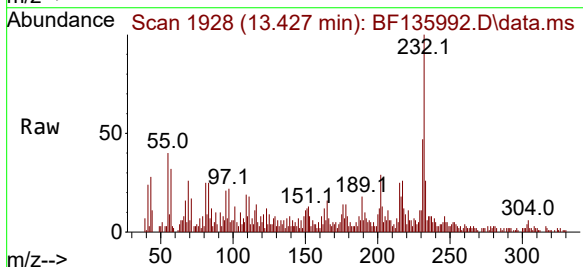
Instrument :
 BNA_F
 ClientSampleId :
 E-1(0-5)DL

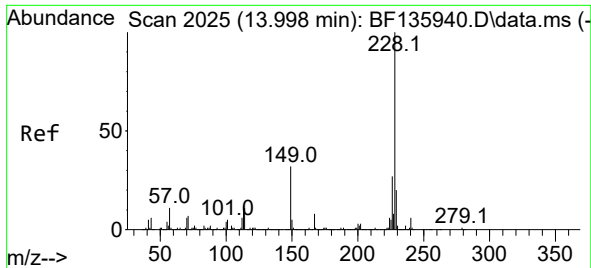
Tgt Ion:244 Resp: 544449
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.6
 122 11.3 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.882 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.012 min
 Lab File: BF135992.D
 Acq: 27 Oct 2023 19:06

Tgt Ion:149 Resp: 686
 Ion Ratio Lower Upper
 149 100
 91 118.9 53.4 80.0#
 206 68.5 17.5 26.3#

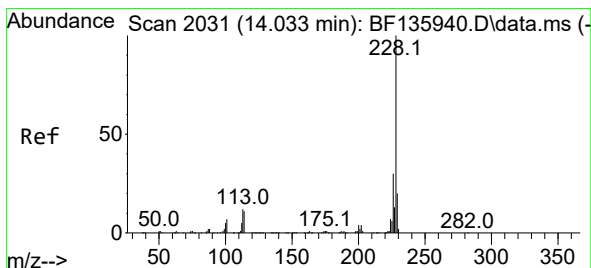
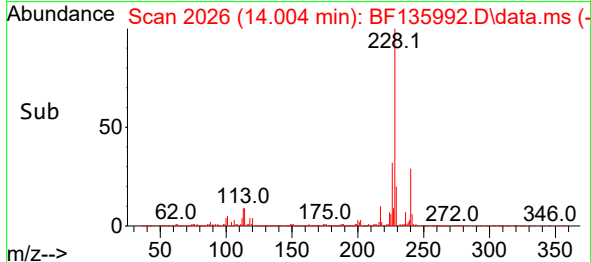
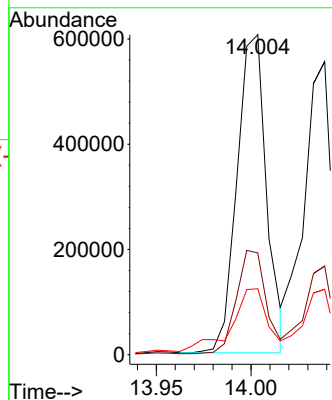
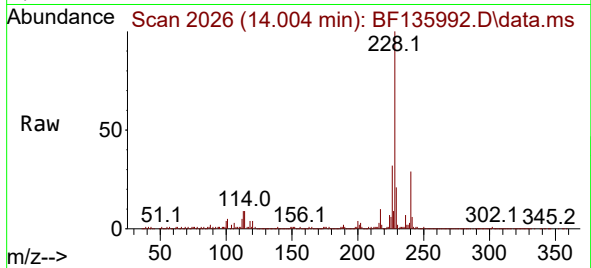




#81
Benzo(a)anthracene
Concen: 26.656 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

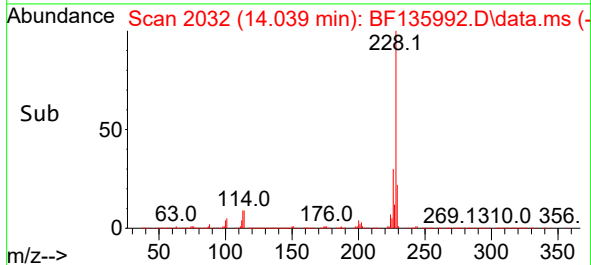
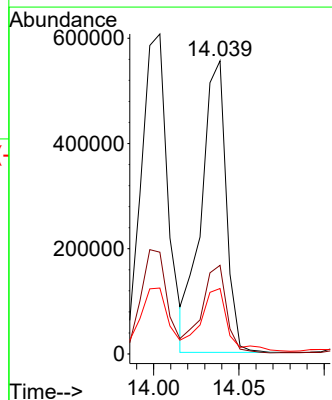
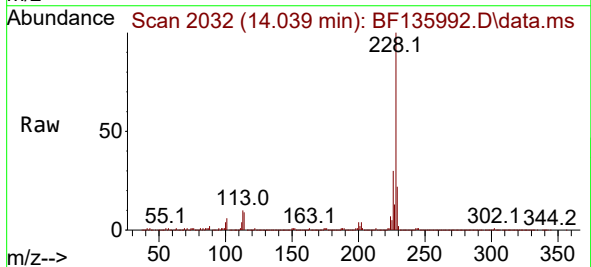
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

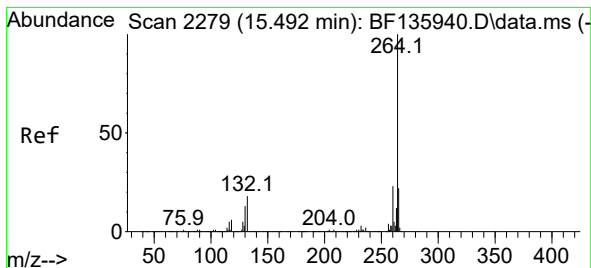
Tgt Ion:228 Resp: 656356
Ion Ratio Lower Upper
228 100
226 31.8 21.8 32.6
229 20.6 16.2 24.4



#83
Chrysene
Concen: 23.550 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion:228 Resp: 564781
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 22.3 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: BF135992.D

Acq: 27 Oct 2023 19:06

Instrument :

BNA_F

ClientSampleId :

E-1(0-5)DL

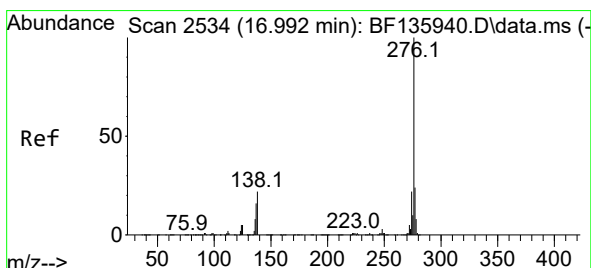
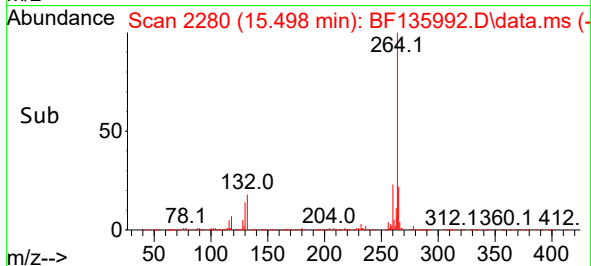
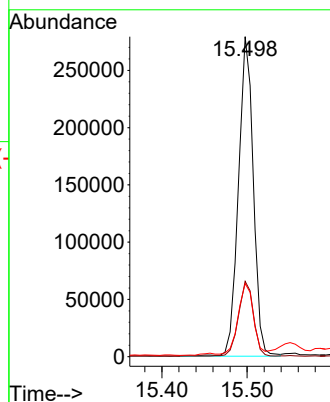
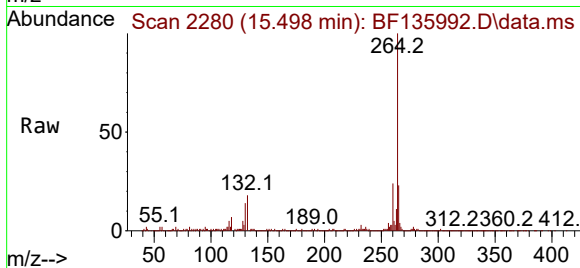
Tgt Ion:264 Resp: 338022

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.8 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 8.127 ng

RT: 17.003 min Scan# 2536

Delta R.T. 0.011 min

Lab File: BF135992.D

Acq: 27 Oct 2023 19:06

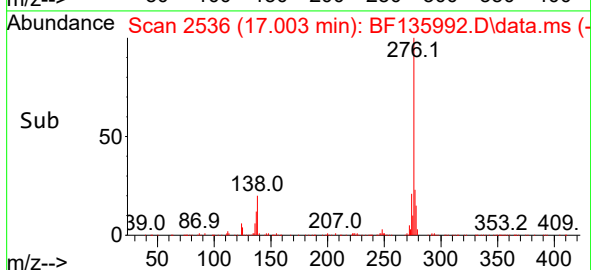
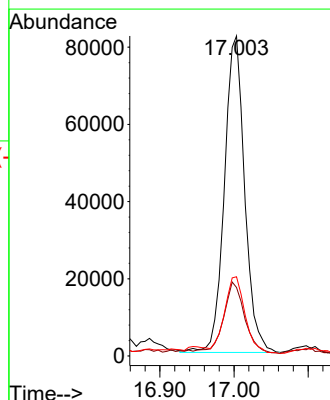
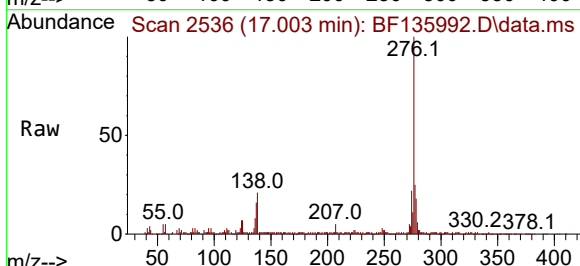
Tgt Ion:276 Resp: 155770

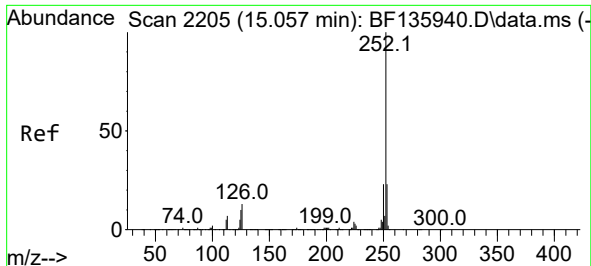
Ion Ratio Lower Upper

276 100

138 23.9 21.8 32.6

277 24.4 20.0 30.0

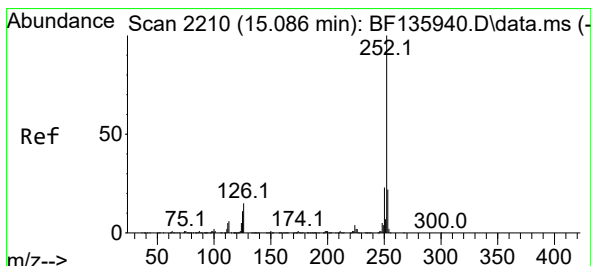
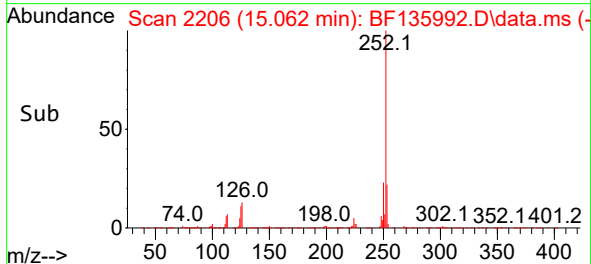
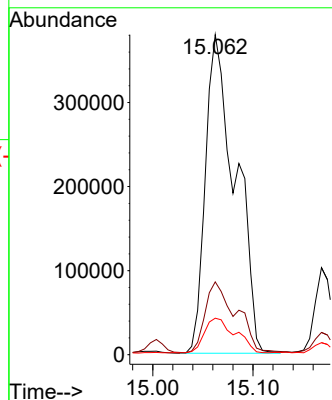
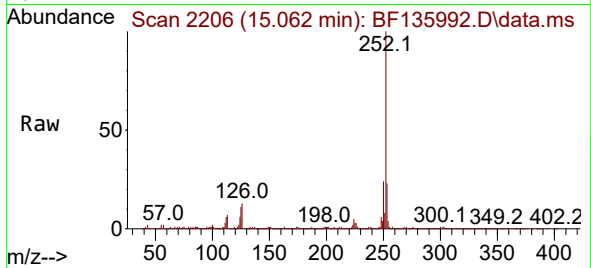




#88
Benzo(b)fluoranthene
Concen: 39.296 ng
RT: 15.062 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

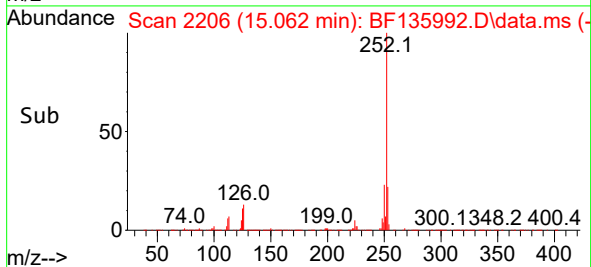
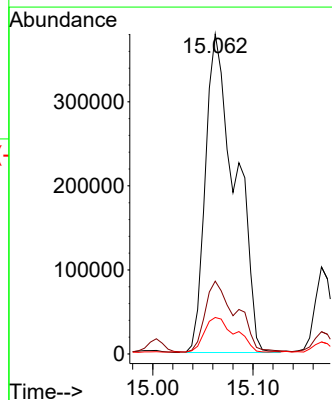
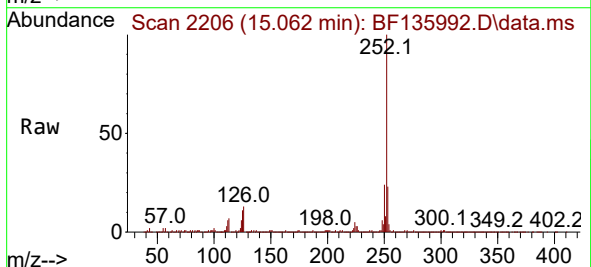
Instrument :
BNA_F
ClientSampleId :
E-1(0-5)DL

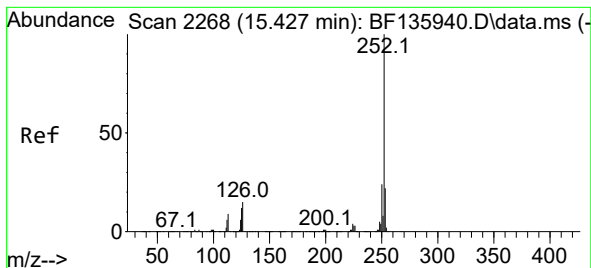
Tgt Ion:252 Resp: 790492
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.4 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 40.011 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.024 min
Lab File: BF135992.D
Acq: 27 Oct 2023 19:06

Tgt Ion:252 Resp: 790492
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 11.4 8.5 12.7





#90

Benzo(a)pyrene

Concen: 23.486 ng

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135992.D

Acq: 27 Oct 2023 19:06

Instrument :

BNA_F

ClientSampleId :

E-1(0-5)DL

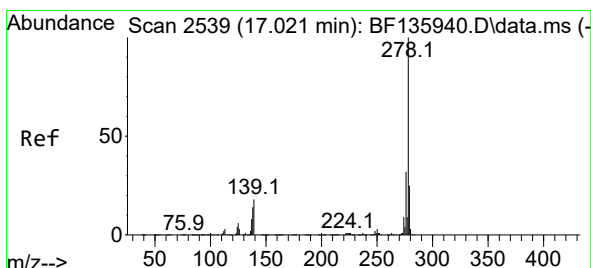
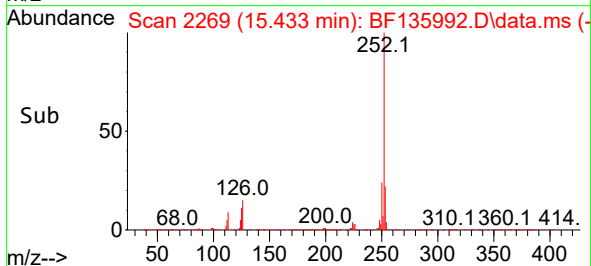
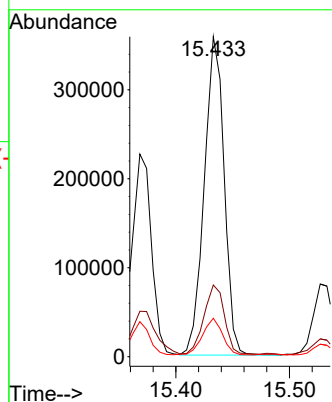
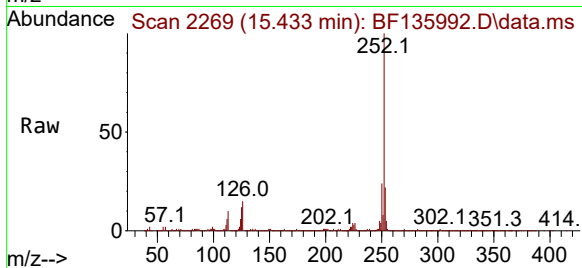
Tgt Ion:252 Resp: 435427

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 12.0 9.6 14.4



#91

Dibenzo(a,h)anthracene

Concen: 2.698 ng

RT: 17.021 min Scan# 2539

Delta R.T. -0.000 min

Lab File: BF135992.D

Acq: 27 Oct 2023 19:06

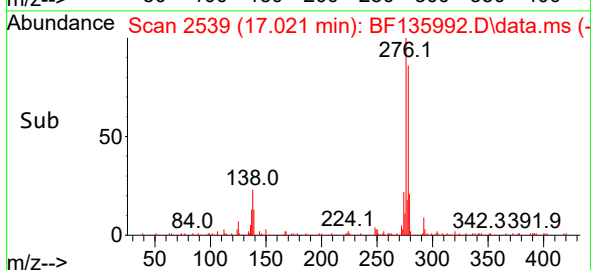
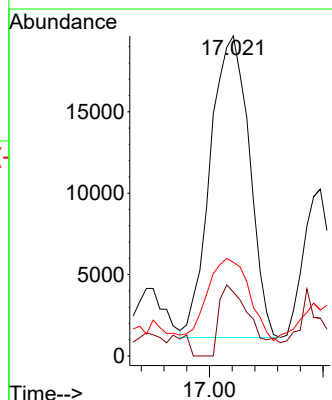
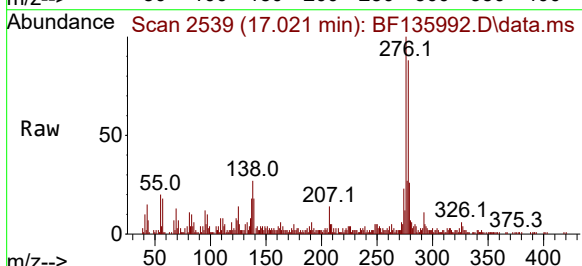
Tgt Ion:278 Resp: 44229

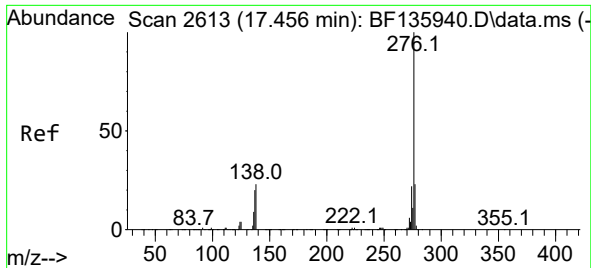
Ion Ratio Lower Upper

278 100

139 19.9 14.0 21.0

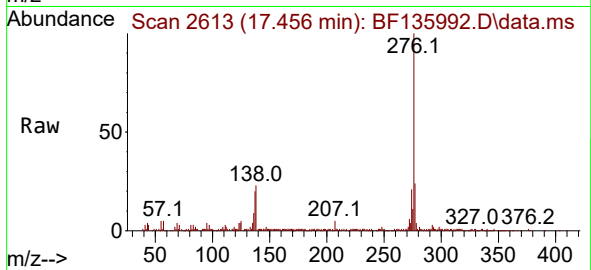
279 29.3 19.7 29.5





#92
 Benzo(g,h,i)perylene
 Concen: 10.755 ng
 RT: 17.456 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF135992.D
 Acq: 27 Oct 2023 19:06

Instrument :
 BNA_F
 ClientSampleId :
 E-1(0-5)DL



Tgt Ion:	276	Resp:	141504
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	23.3	18.4	27.6

