

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137397.D
 Acq On : 26 Feb 2024 21:01
 Operator : CG\JU
 Sample : P1573-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 00:43:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	156322	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	571148	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	263570	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	408781	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	372633	20.000	ng	-0.01
86) Perylene-d12	15.451	264	326656	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	158280	15.624	ng	-0.02
7) Phenol-d6	6.416	99	193260	12.968	ng	-0.02
23) Nitrobenzene-d5	7.339	82	115778	10.120	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	25043	10.911	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	220351	13.016	ng	-0.02
79) Terphenyl-d14	12.904	244	229608	8.618	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.304	42	176	5.136	ng	# 1
26) 2-Nitrophenol	7.728	139	273	2.960	ng	# 27
31) Naphthalene	8.081	128	703201	22.942	ng	99
32) Benzoic acid	7.845	122	215	6.985	ng	# 13
33) 4-Chloroaniline	8.081	127	88427	7.585	ng	# 28
37) 2-Methylnaphthalene	8.775	142	219496	11.113	ng	100
38) 1-Methylnaphthalene	8.869	142	183452	9.824	ng	99
46) 1,1'-Biphenyl	9.239	154	49926	2.601	ng	96
48) 2-Nitroaniline	9.333	65	1033	4.457	ng	# 41
49) Acenaphthylene	9.675	152	158438	6.727	ng	98
51) 2,6-Dinitrotoluene	9.816	165	40682	12.007	ng	# 27
52) Acenaphthene	9.845	154	166507	11.842	ng	100
53) 3-Nitroaniline	9.763	138	241	2.419	ng	# 58
54) 2,4-Dinitrophenol	10.022	184	55	7.881	ng	# 1
55) Dibenzofuran	10.022	168	226489	10.422	ng	98
56) 4-Nitrophenol	10.022	139	83426	32.149	ng	# 9
58) Fluorene	10.363	166	419263	25.264	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	60	4.533	ng	# 1
71) Phenanthrene	11.339	178	2531308	112.238	ng	100
72) Anthracene	11.386	178	665372	28.628	ng	99
73) Carbazole	11.545	167	278641	14.032	ng	98
75) Fluoranthene	12.533	202	2705997	122.918	ng	99
77) Benzidine	12.680	184	1592	7.148	ng	# 1
78) Pyrene	12.763	202	2536069	71.975	ng	99
80) Butylbenzylphthalate	13.410	149	1174	4.274	ng	# 27
81) Benzo(a)anthracene	13.957	228	1378005	53.292	ng	96
82) 3,3'-Dichlorobenzidine	13.933	252	1021	5.185	ng	# 32
83) Chrysene	13.992	228	1200047	45.431	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	6978	5.298	ng	# 97
85) Di-n-octyl phthalate	14.562	149	1301	6.160	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.951	276	417897	19.626	ng	93
88) Benzo(b)fluoranthene	15.021	252	1825700	91.109	ng	97
89) Benzo(k)fluoranthene	15.021	252	1825700	86.927	ng	98
90) Benzo(a)pyrene	15.392	252	946037	49.772	ng	97
91) Dibenzo(a,h)anthracene	16.962	278	93815	6.429	ng	# 90
92) Benzo(g,h,i)perylene	17.398	276	414547	22.773	ng	97

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ClientSampleId :

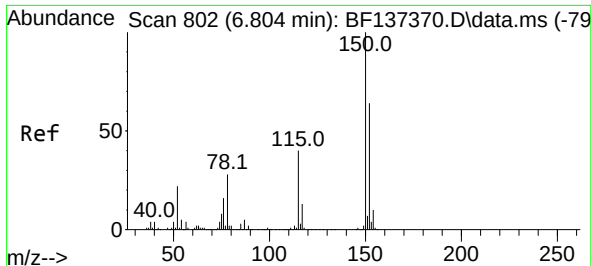
Quant Time: Feb 27 00:43:02 2024
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Response via : Initial Calibration

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

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

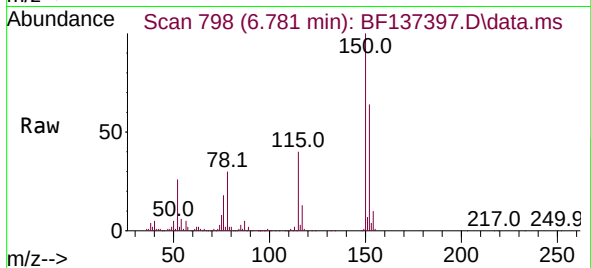
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
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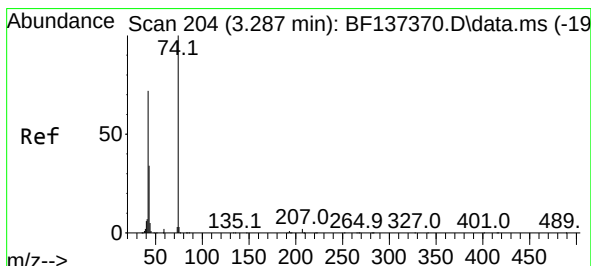
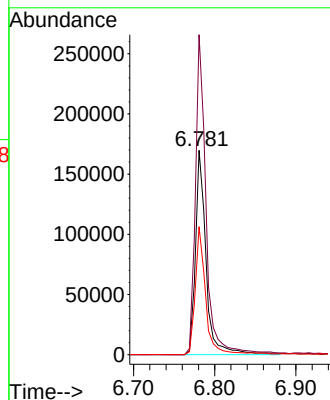
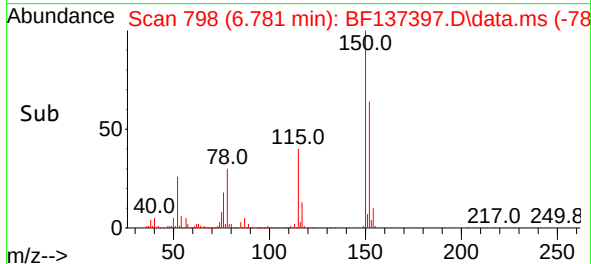


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

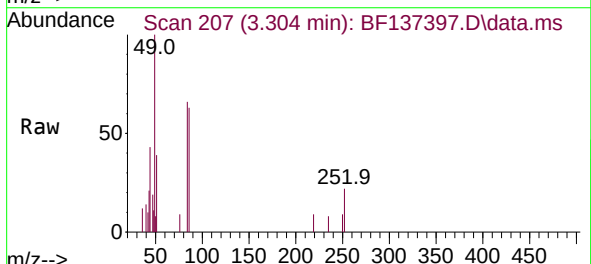
Instrument :
BNA_F
ClientSampleId :



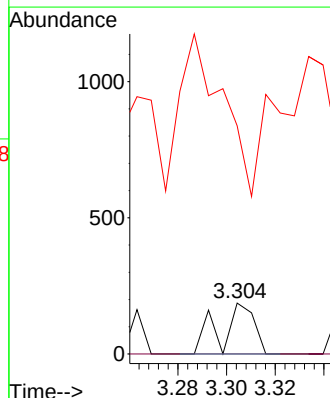
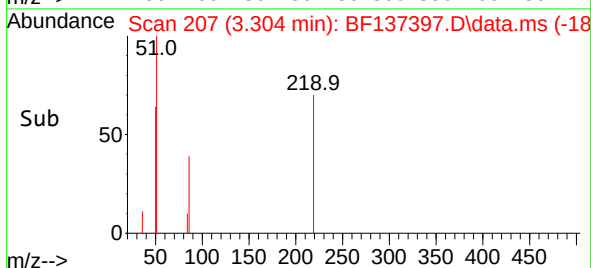
Tgt Ion:152 Resp: 156322
Ion Ratio Lower Upper
152 100
150 156.6 125.7 188.5
115 62.7 49.8 74.8

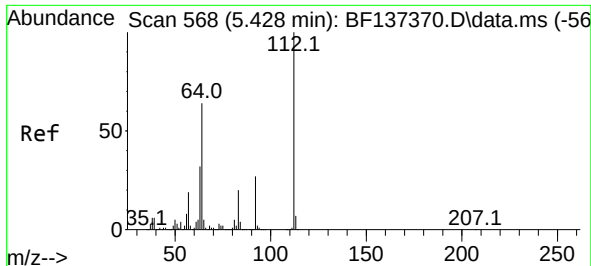


#4
n-Nitrosodimethylamine
Concen: 5.136 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.017 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01



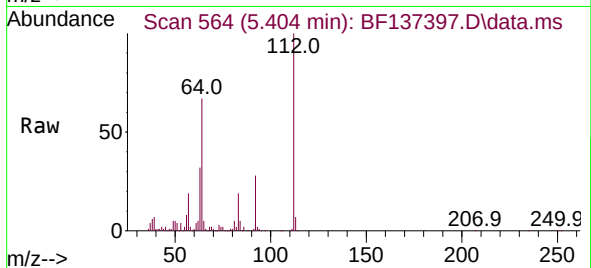
Tgt Ion: 42 Resp: 176
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 448.1 6.0 9.0#



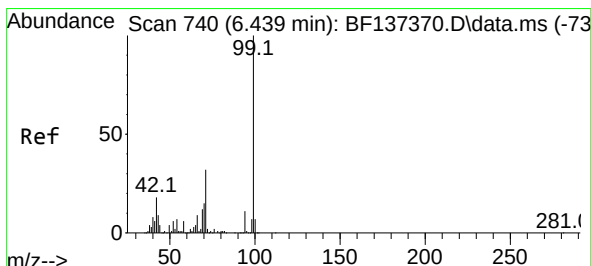
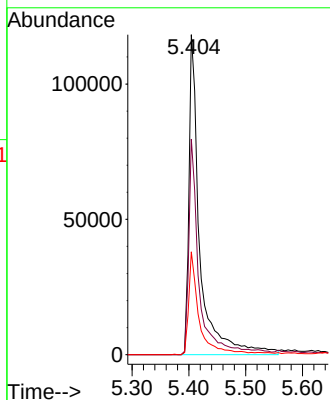
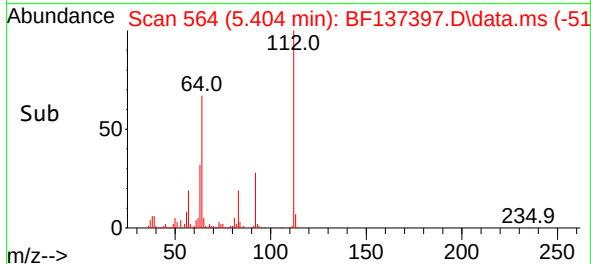


#5
2-Fluorophenol
Concen: 15.624 ng
RT: 5.404 min Scan# 501
Delta R.T. -0.024 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Instrument :
BNA_F
ClientSampleId :

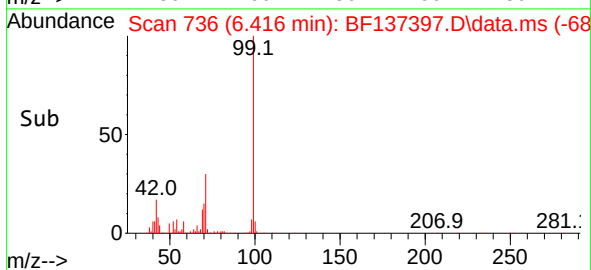
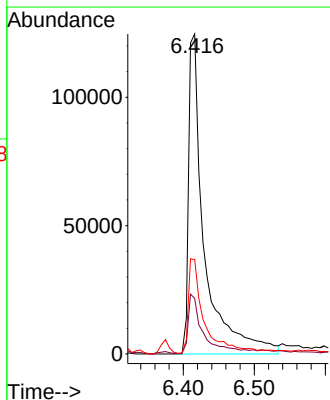
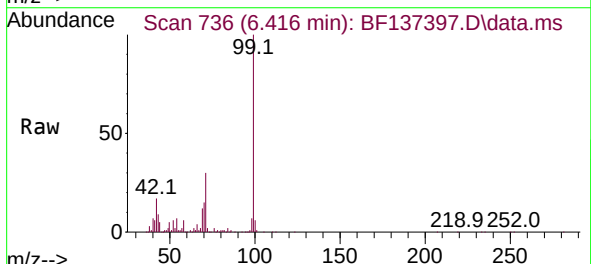


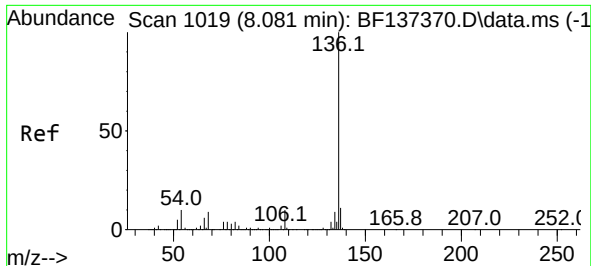
Tgt Ion:112 Resp: 158280
Ion Ratio Lower Upper
112 100
64 67.4 51.0 76.6
63 32.2 25.7 38.5



#7
Phenol-d6
Concen: 12.968 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.024 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

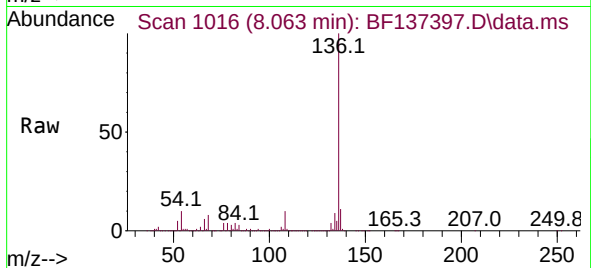
Tgt Ion: 99 Resp: 193260
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 29.5 25.2 37.8



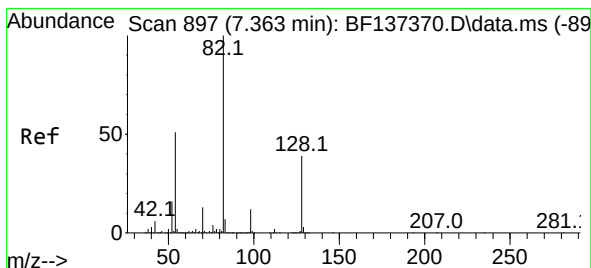
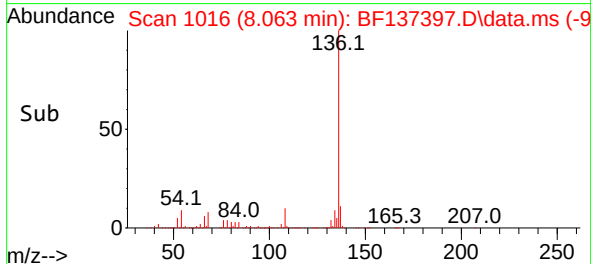
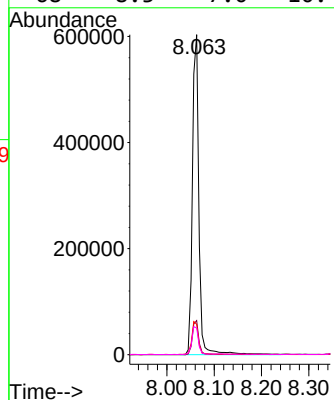


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Instrument :
BNA_F
ClientSampleId :

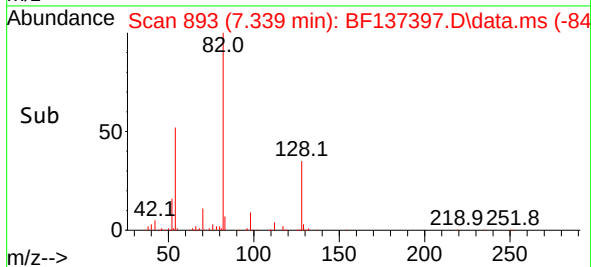
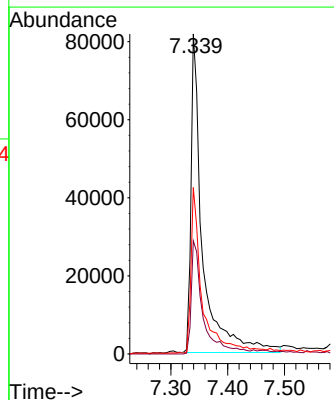
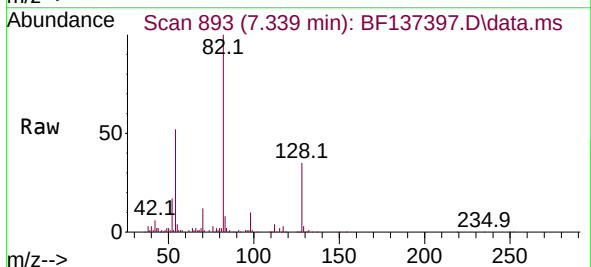


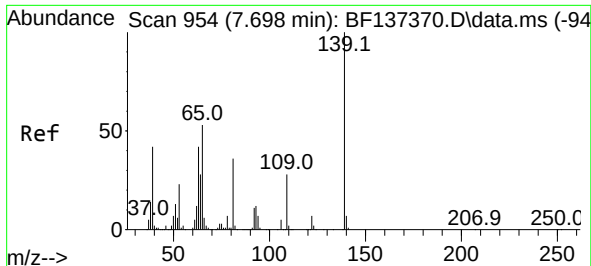
Tgt Ion:	136	Resp:	571148
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.4
54	9.5	7.8	11.6
68	8.3	7.0	10.4



#23
Nitrobenzene-d5
Concen: 10.120 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.024 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

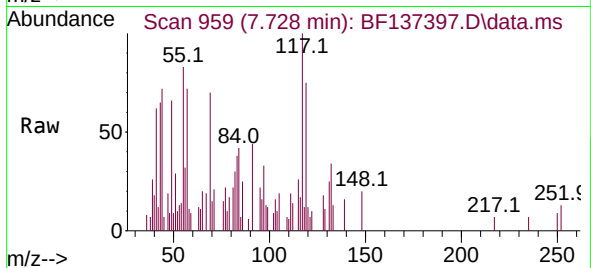
Tgt Ion:	82	Resp:	115778
Ion Ratio	Lower	Upper	
82	100		
128	35.3	30.8	46.2
54	52.0	40.8	61.2



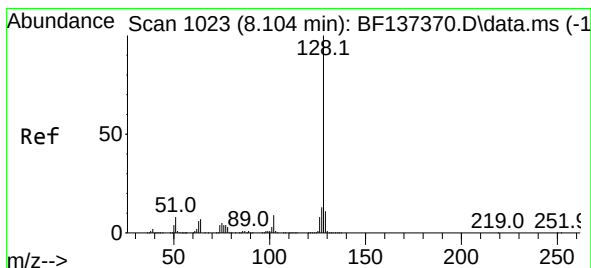
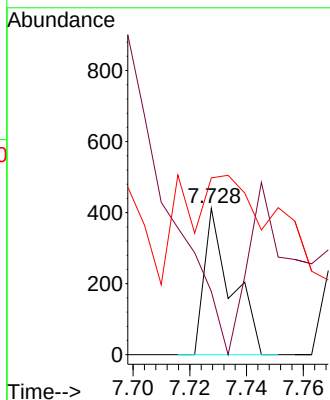
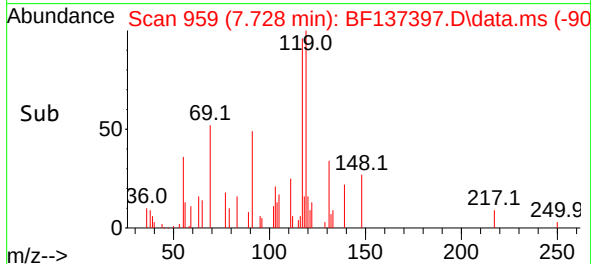


#26
2-Nitrophenol
Concen: 2.960 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.030 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Instrument :
BNA_F
ClientSampleId :

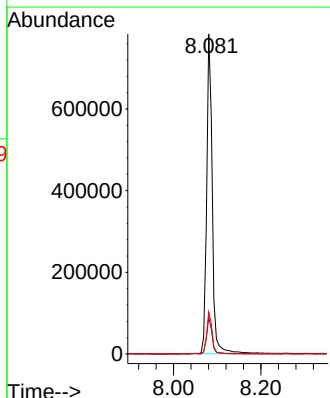
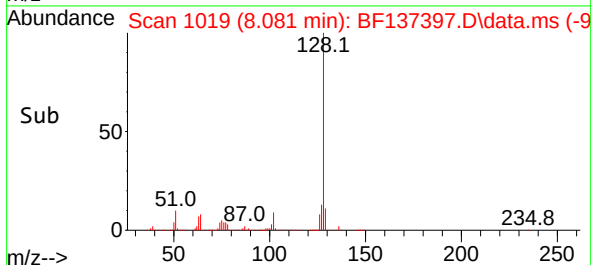
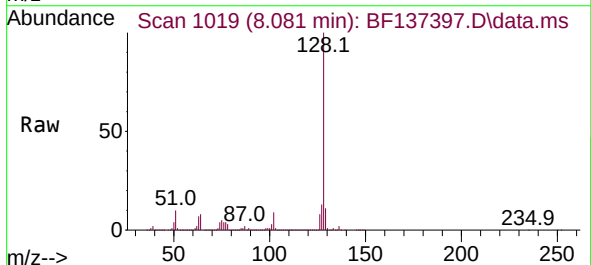


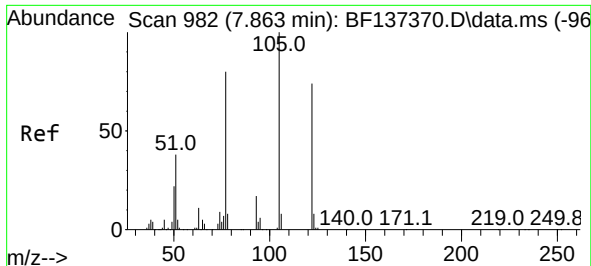
Tgt Ion:139 Resp: 273
Ion Ratio Lower Upper
139 100
109 43.2 22.5 33.7#
65 120.9 42.3 63.5#



#31
Naphthalene
Concen: 22.942 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.023 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Tgt Ion:128 Resp: 703201
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.2 10.6 16.0

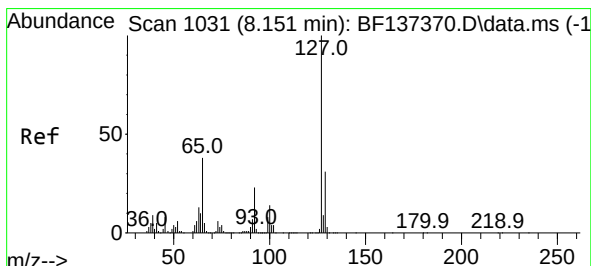
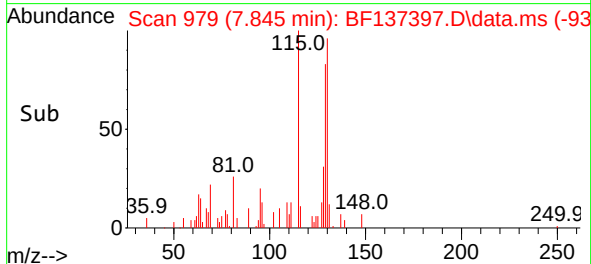
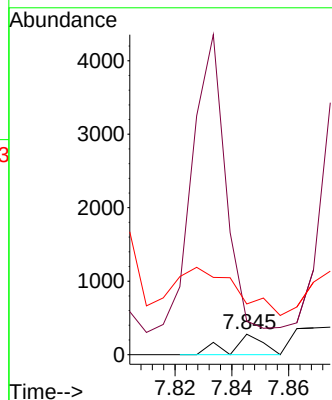
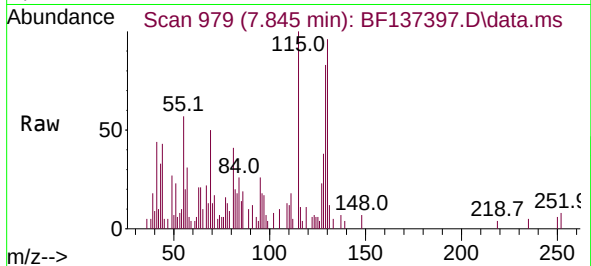




#32
Benzoic acid
Concen: 6.985 ng
RT: 7.845 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

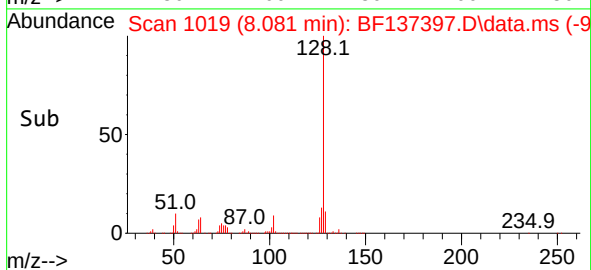
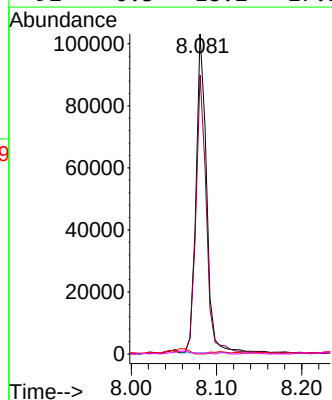
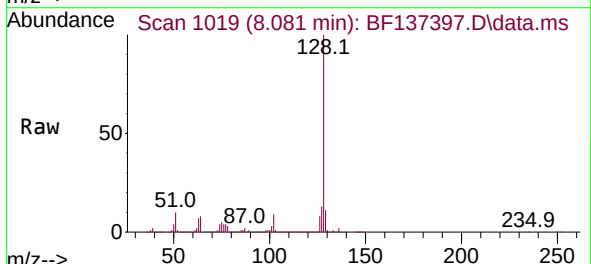
Instrument :
BNA_F
ClientSampleId :

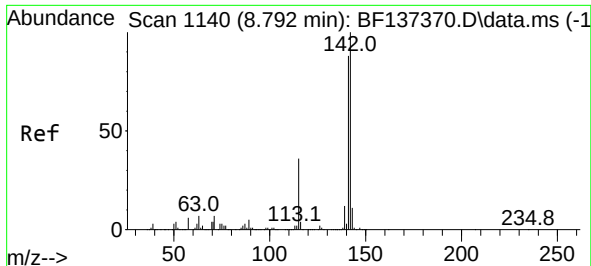
Tgt Ion:122 Resp: 215
Ion Ratio Lower Upper
122 100
105 164.7 101.1 141.1#
77 248.2 82.8 122.8#



#33
4-Chloroaniline
Concen: 7.585 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.070 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Tgt Ion:127 Resp: 88427
Ion Ratio Lower Upper
127 100
129 87.2 25.0 37.6#
65 0.0 30.4 45.6#
92 0.3 18.2 27.2#





#37

2-Methylnaphthalene

Concen: 11.113 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.018 min

Lab File: BF137397.D

Acq: 26 Feb 2024 21:01

Instrument :

BNA_F

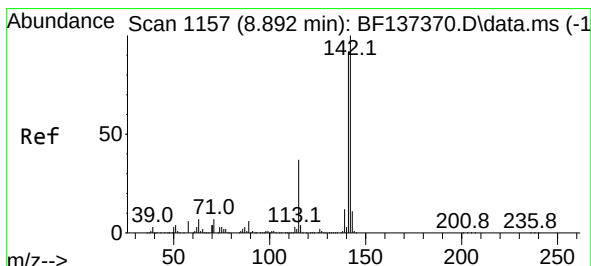
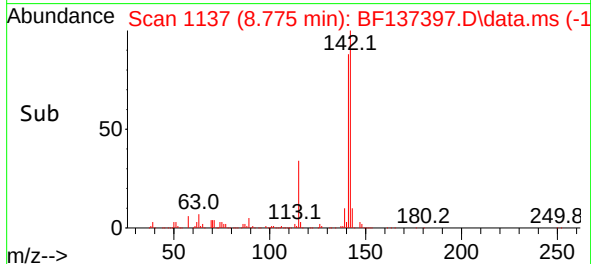
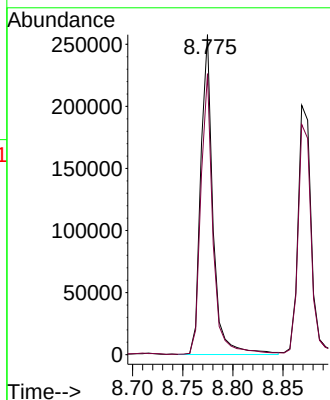
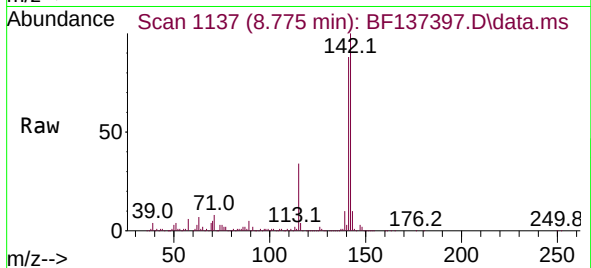
ClientSampleId :

Tgt Ion:142 Resp: 219496

Ion Ratio Lower Upper

142 100

141 87.8 70.3 105.5



#38

1-Methylnaphthalene

Concen: 9.824 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.024 min

Lab File: BF137397.D

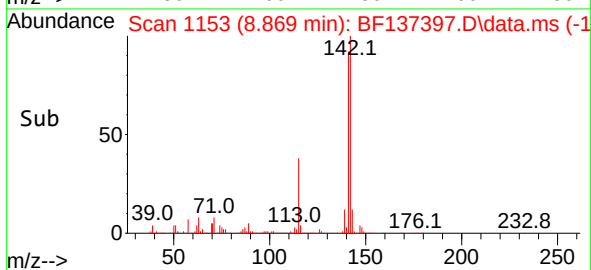
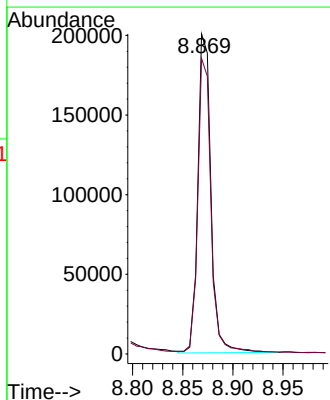
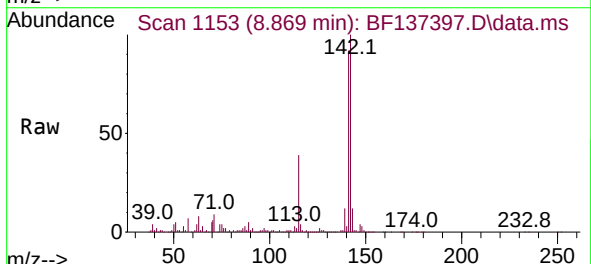
Acq: 26 Feb 2024 21:01

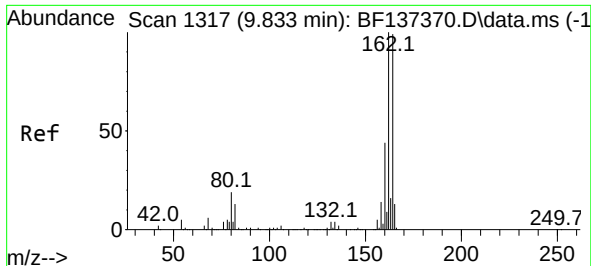
Tgt Ion:142 Resp: 183452

Ion Ratio Lower Upper

142 100

141 92.4 73.2 109.8

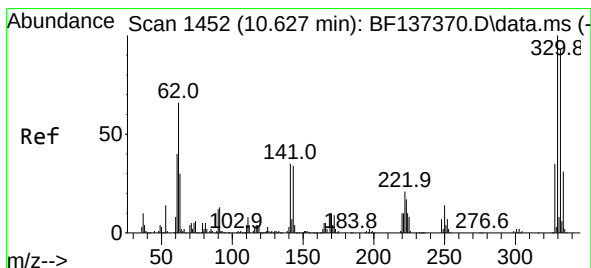
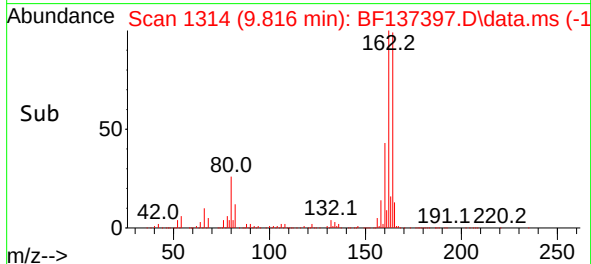
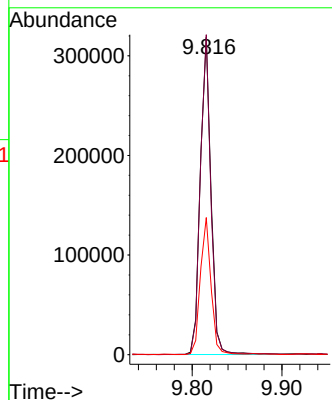
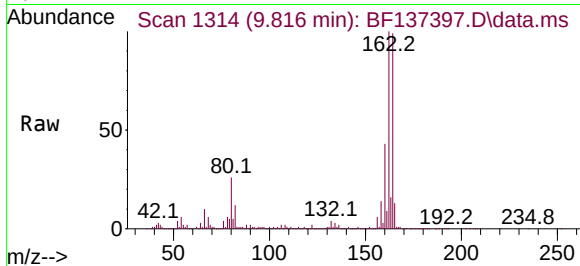




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

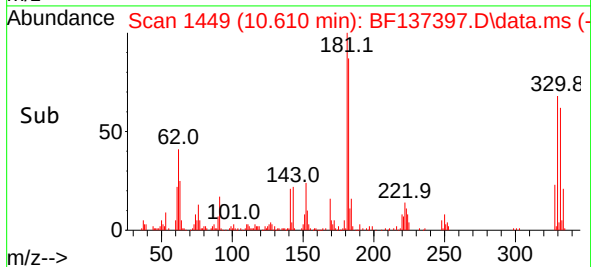
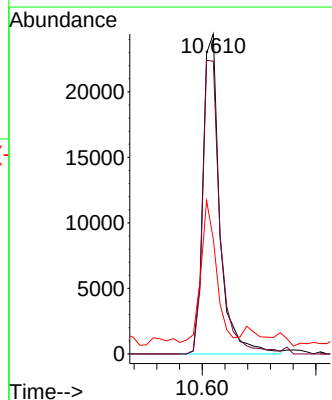
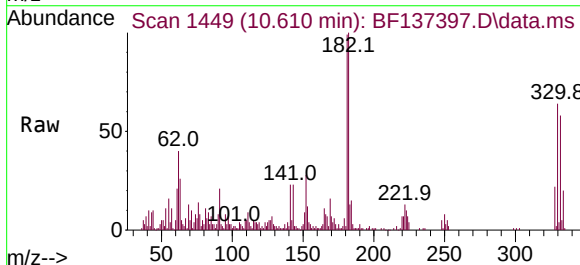
Instrument :
BNA_F
ClientSampleId :

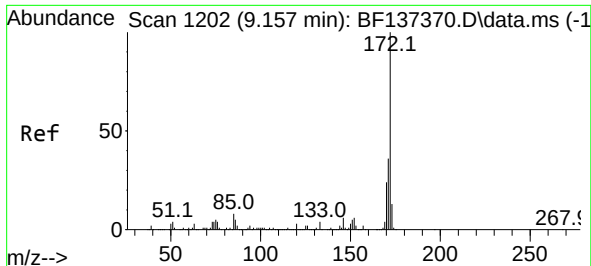
Tgt Ion:164 Resp: 263570
Ion Ratio Lower Upper
164 100
162 100.8 81.2 121.8
160 43.2 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 10.911 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Tgt Ion:330 Resp: 25043
Ion Ratio Lower Upper
330 100
332 96.3 75.6 113.4
141 40.0 28.6 42.8

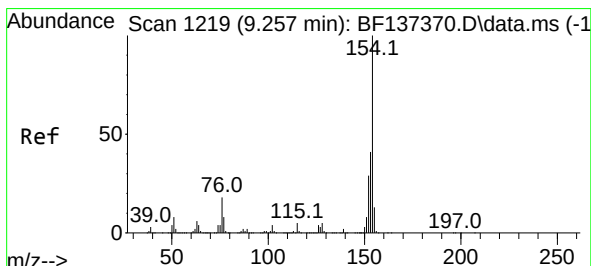
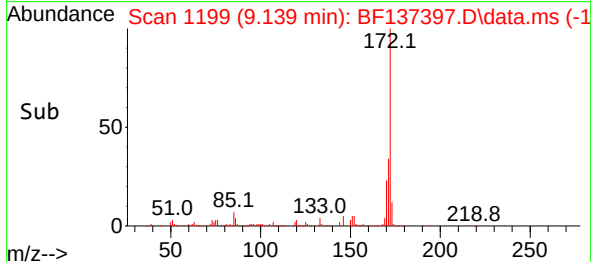
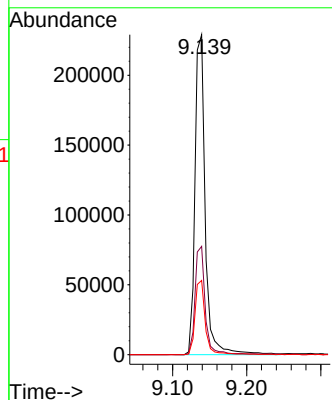
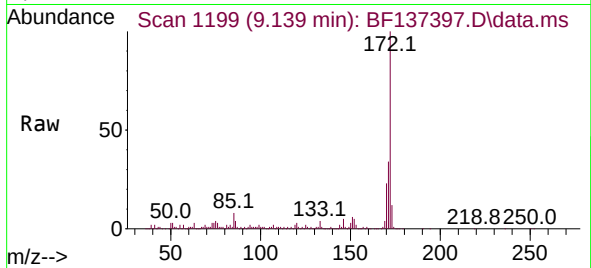




#45
2-Fluorobiphenyl
Concen: 13.016 ng
RT: 9.139 min Scan# 1119
Delta R.T. -0.018 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

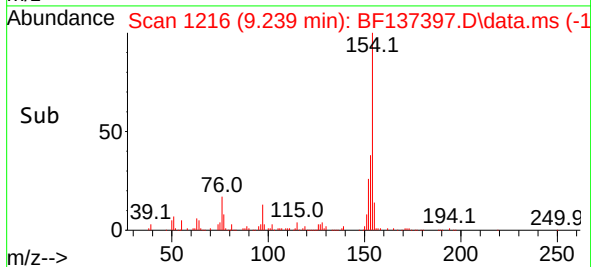
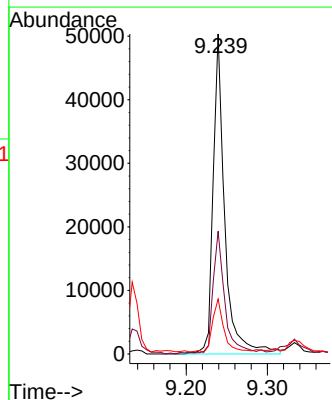
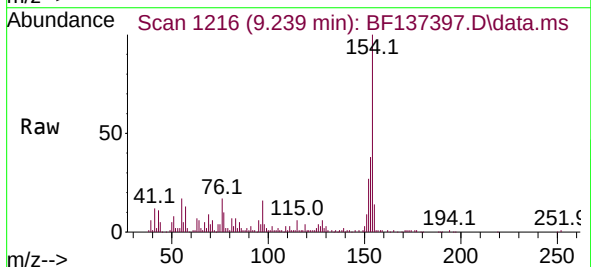
Instrument :
BNA_F
ClientSampleId :

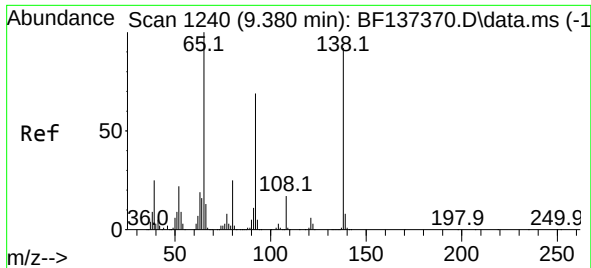
Tgt Ion:172 Resp: 220351
Ion Ratio Lower Upper
172 100
171 33.8 28.7 43.1
170 23.2 19.5 29.3



#46
1,1'-Biphenyl
Concen: 2.601 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.018 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Tgt Ion:154 Resp: 49926
Ion Ratio Lower Upper
154 100
153 38.3 21.2 61.2
76 17.2 0.0 37.9

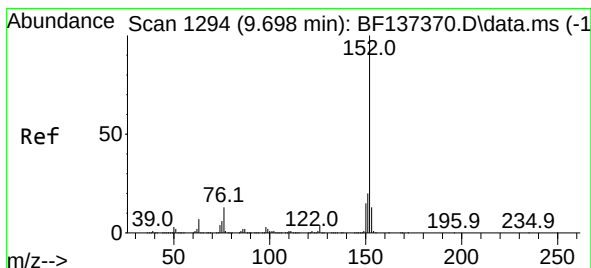
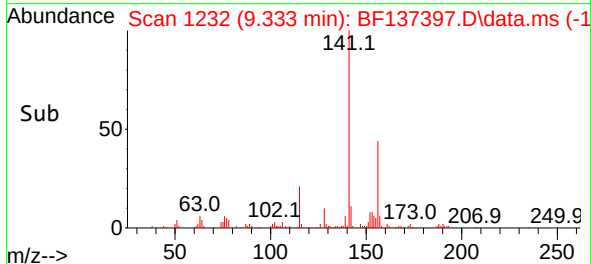
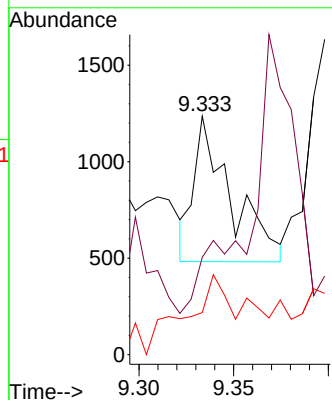
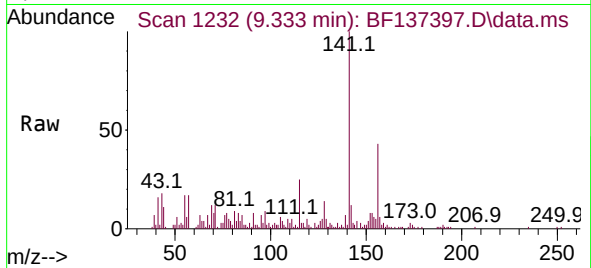




#48
2-Nitroaniline
Concen: 4.457 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.047 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

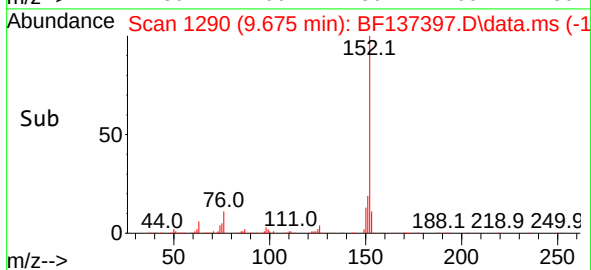
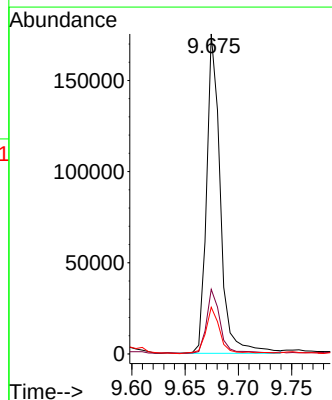
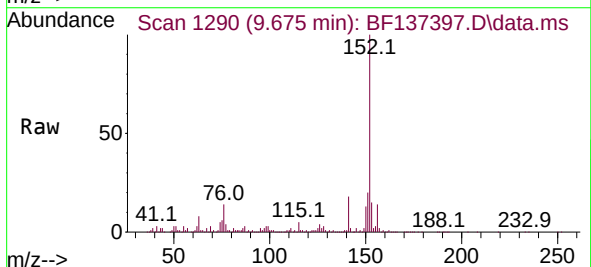
Instrument :
BNA_F
ClientSampleId :

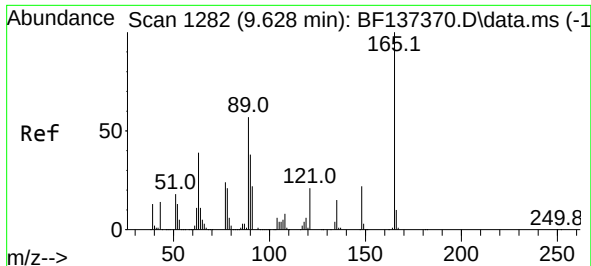
Tgt Ion: 65 Resp: 1033
Ion Ratio Lower Upper
65 100
92 40.9 55.0 82.6#
138 17.6 73.7 110.5#



#49
Acenaphthylene
Concen: 6.727 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.024 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Tgt Ion:152 Resp: 158438
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.6 10.6 15.8

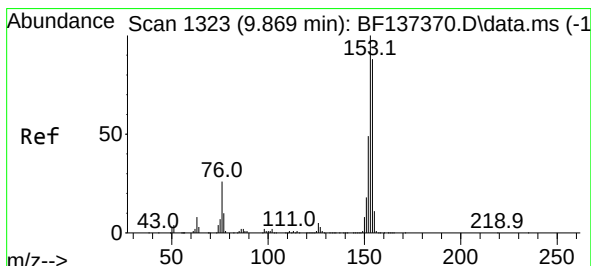
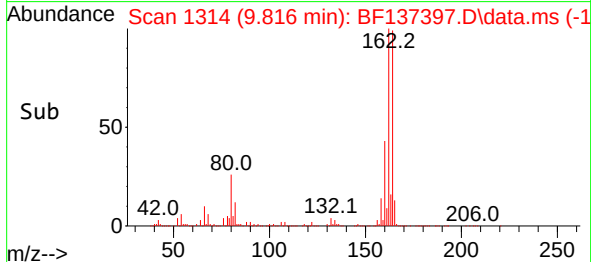
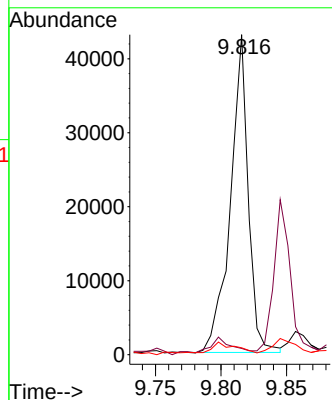
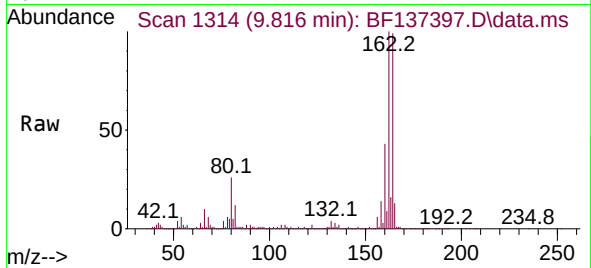




#51
2,6-Dinitrotoluene
Concen: 12.007 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

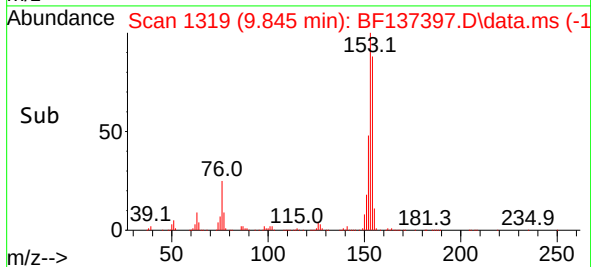
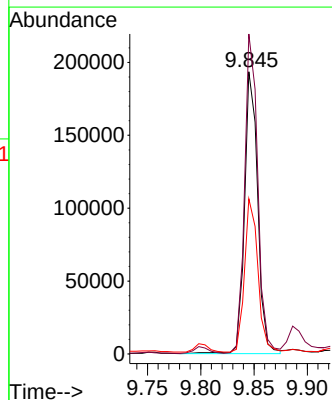
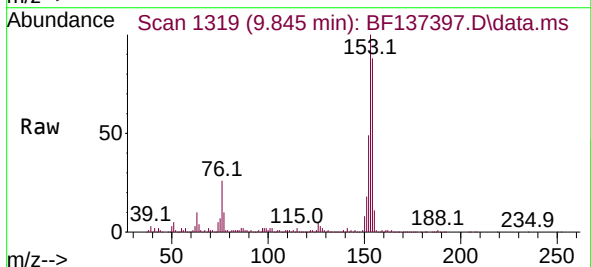
Instrument :
BNA_F
ClientSampleId :

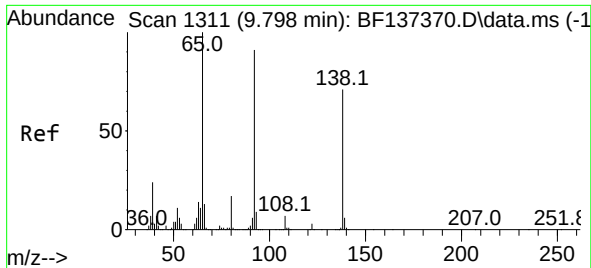
Tgt Ion:165 Resp: 40682
Ion Ratio Lower Upper
165 100
63 2.0 41.6 62.4#
89 2.1 45.8 68.6#



#52
Acenaphthene
Concen: 11.842 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.024 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Tgt Ion:154 Resp: 166507
Ion Ratio Lower Upper
154 100
153 113.4 90.6 135.8
152 55.0 44.1 66.1

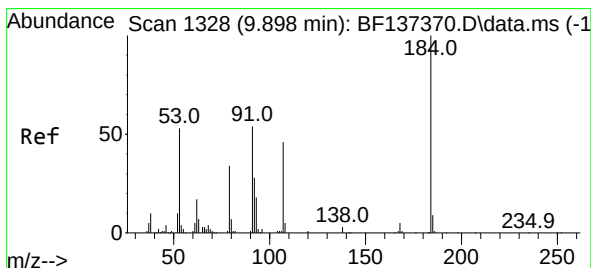
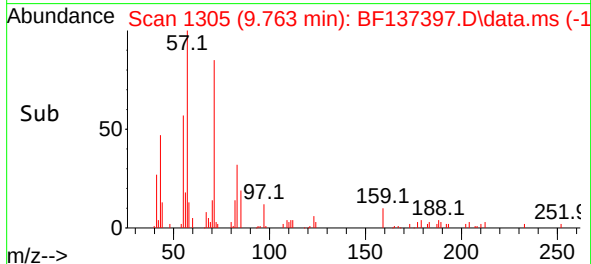
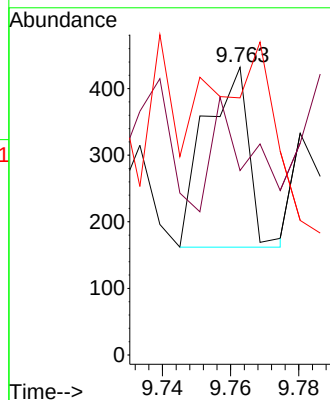
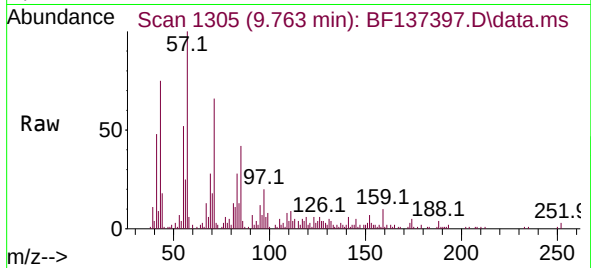




#53
3-Nitroaniline
Concen: 2.419 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.035 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

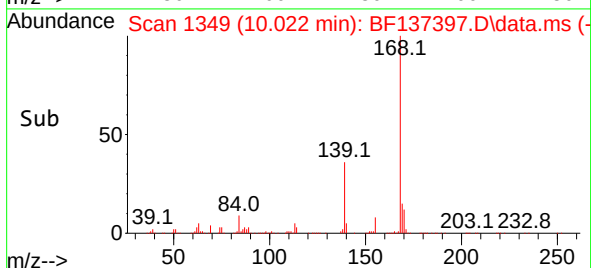
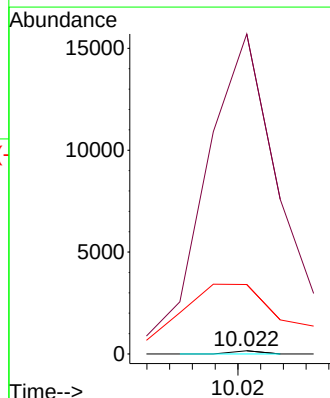
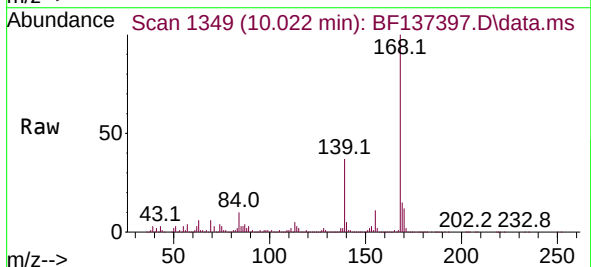
Instrument :
BNA_F
ClientSampleId :

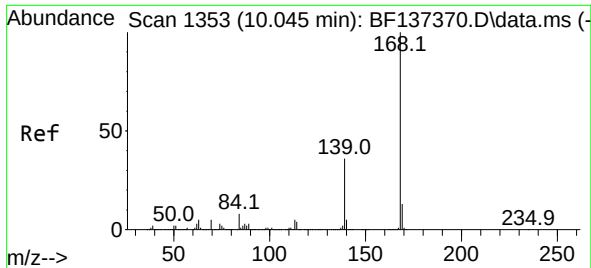
Tgt Ion:138 Resp: 241
Ion Ratio Lower Upper
138 100
108 64.1 8.2 12.2#
92 89.4 102.2 153.2#



#54
2,4-Dinitrophenol
Concen: 7.881 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.124 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 10003.8 55.9 83.9#
154 2169.4 47.6 71.4#

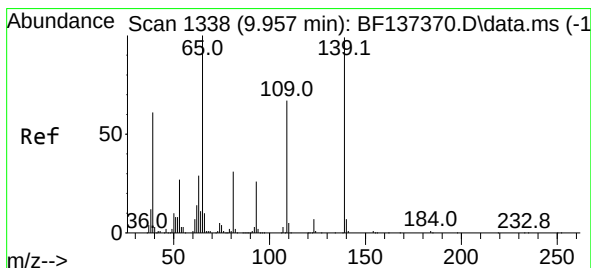
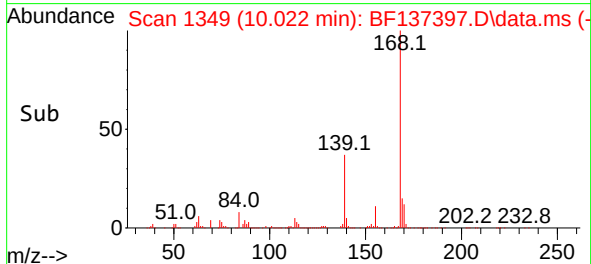
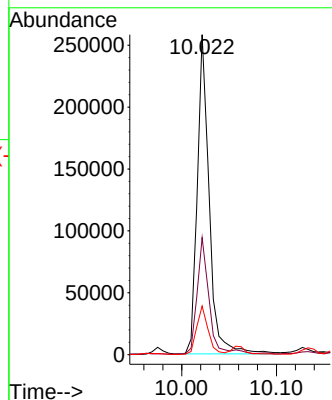
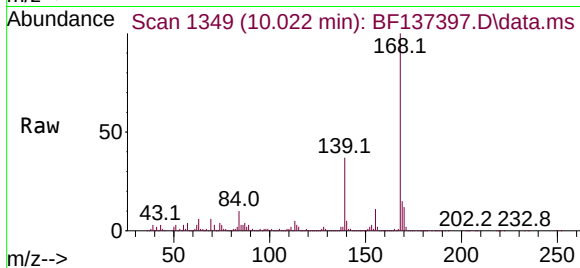




#55
Dibenzofuran
Concen: 10.422 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.023 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

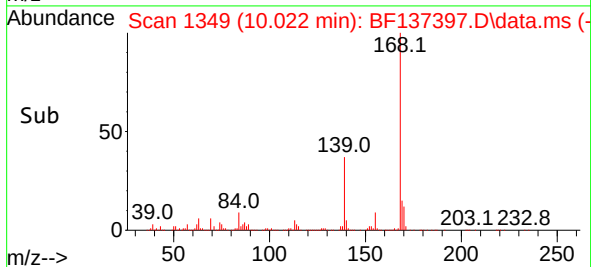
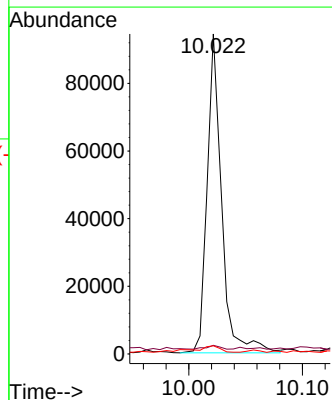
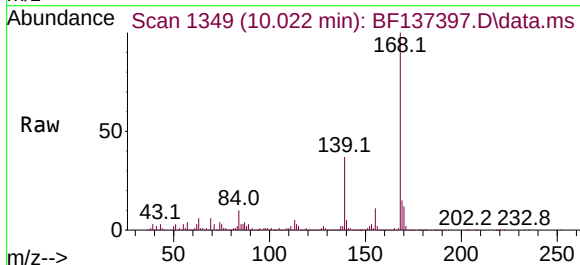
Instrument :
BNA_F
ClientSampleId :

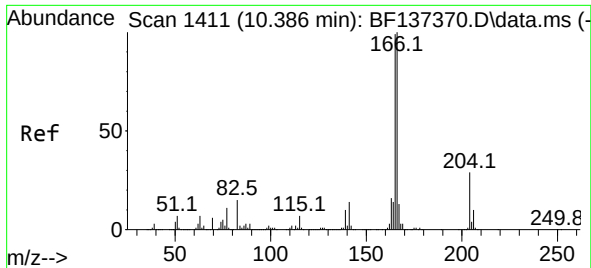
Tgt Ion:168 Resp: 226489
Ion Ratio Lower Upper
168 100
139 36.6 28.9 43.3
169 15.2 10.8 16.2



#56
4-Nitrophenol
Concen: 32.149 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.065 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

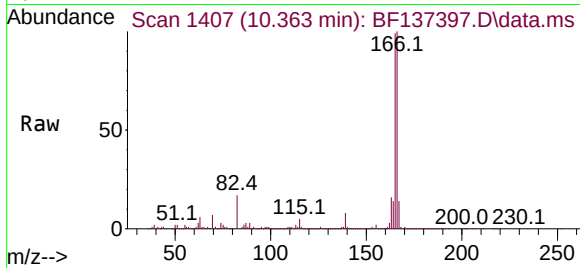
Tgt Ion:139 Resp: 83426
Ion Ratio Lower Upper
139 100
109 2.7 48.0 88.0#
65 2.6 82.2 122.2#



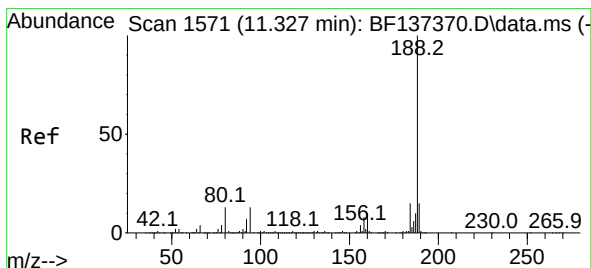
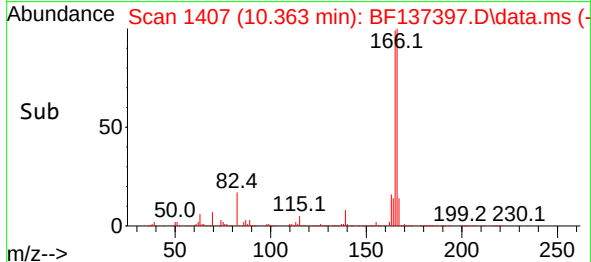
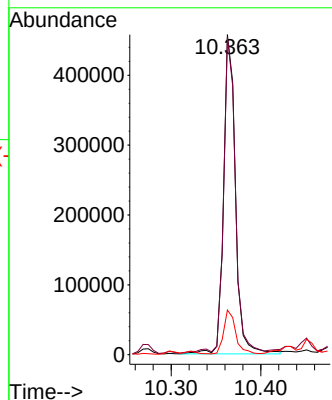


#58
Fluorene
Concen: 25.264 ng
RT: 10.363 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Instrument :
BNA_F
ClientSampleId :

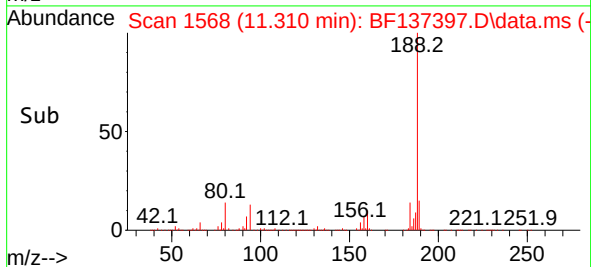
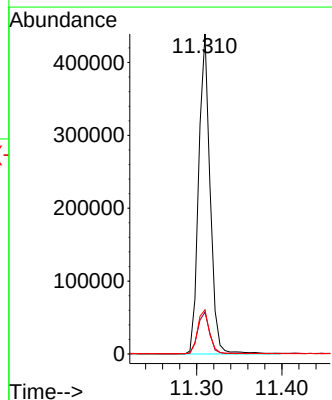
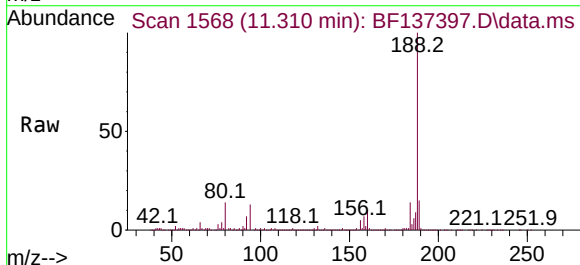


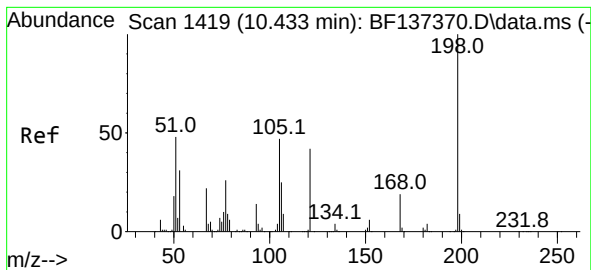
Tgt Ion:166 Resp: 419263
Ion Ratio Lower Upper
166 100
165 99.2 78.8 118.2
167 14.0 10.5 15.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.018 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

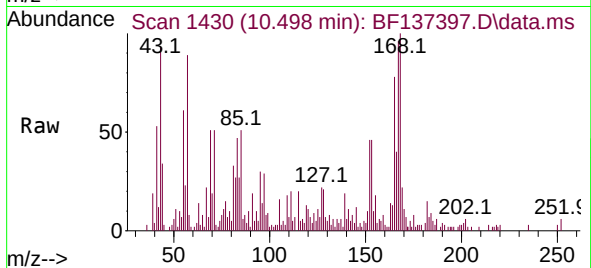
Tgt Ion:188 Resp: 408781
Ion Ratio Lower Upper
188 100
94 13.0 10.2 15.2
80 13.8 10.7 16.1



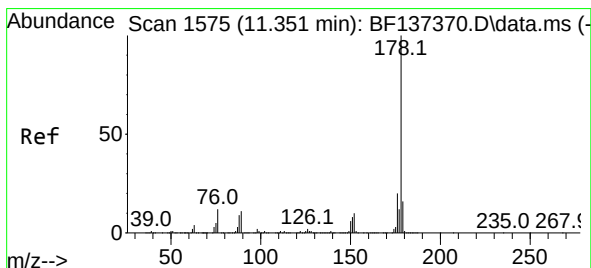
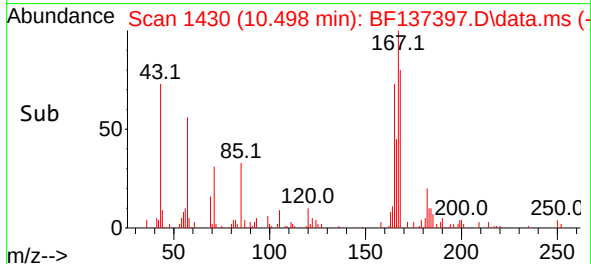
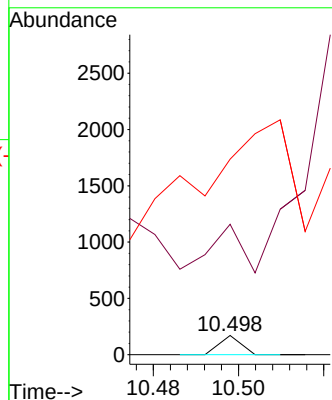


#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.533 ng
 RT: 10.498 min Scan# 1419
 Delta R.T. 0.065 min
 Lab File: BF137397.D
 Acq: 26 Feb 2024 21:01

Instrument :
 BNA_F
 ClientSampleId :

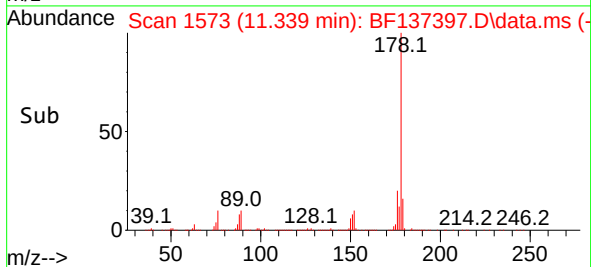
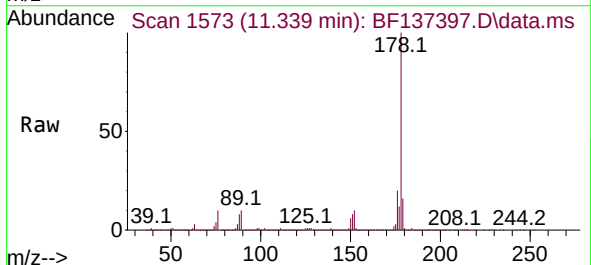
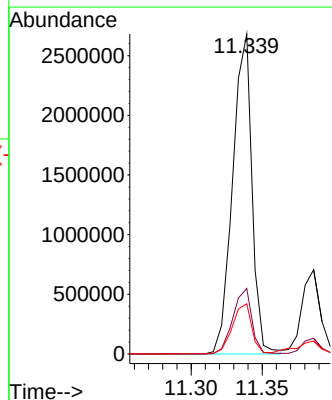


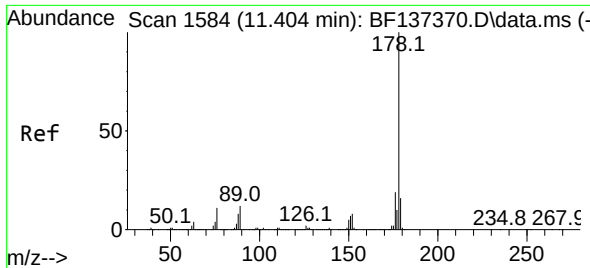
Tgt Ion:198 Resp: 60
 Ion Ratio Lower Upper
 198 100
 51 677.2 36.8 76.8#
 105 1015.2 28.5 68.5#



#71
 Phenanthrene
 Concen: 112.238 ng
 RT: 11.339 min Scan# 1573
 Delta R.T. -0.012 min
 Lab File: BF137397.D
 Acq: 26 Feb 2024 21:01

Tgt Ion:178 Resp: 2531308
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 15.7 12.7 19.1

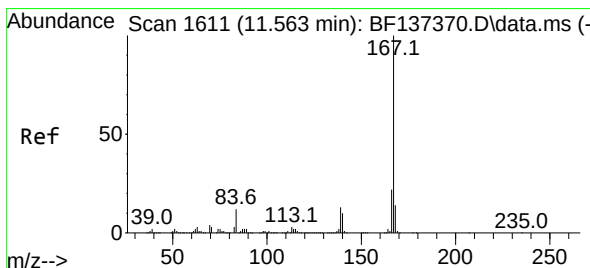
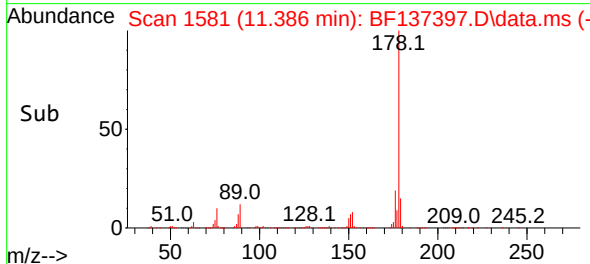
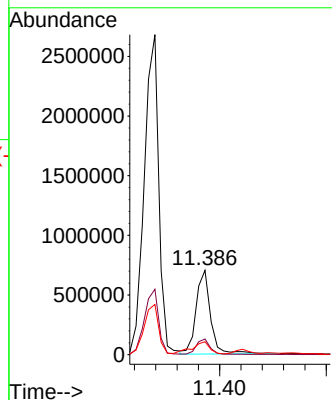
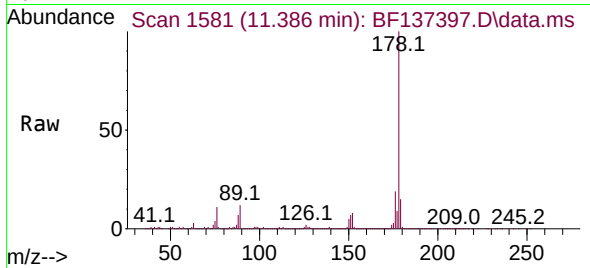




#72
 Anthracene
 Concen: 28.628 ng
 RT: 11.386 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF137397.D
 Acq: 26 Feb 2024 21:01

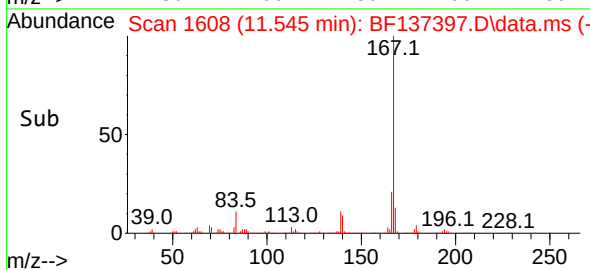
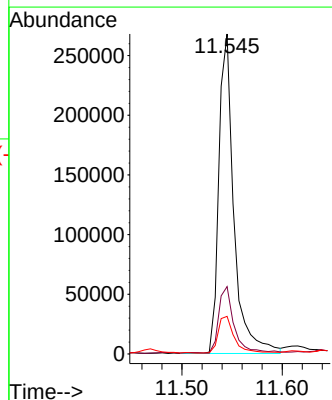
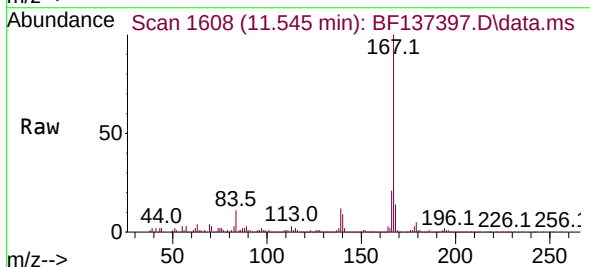
Instrument :
 BNA_F
 ClientSampleId :

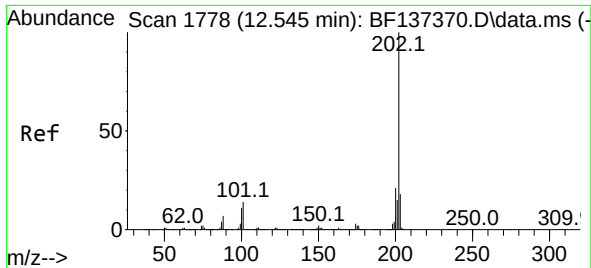
Tgt Ion:178 Resp: 665372
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.3 22.9
 179 15.4 12.6 18.8



#73
 Carbazole
 Concen: 14.032 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.018 min
 Lab File: BF137397.D
 Acq: 26 Feb 2024 21:01

Tgt Ion:167 Resp: 278641
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.8 26.6
 139 11.8 10.0 15.0

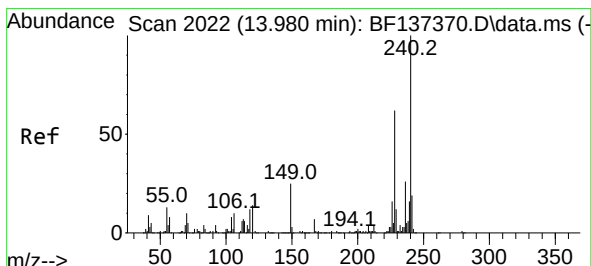
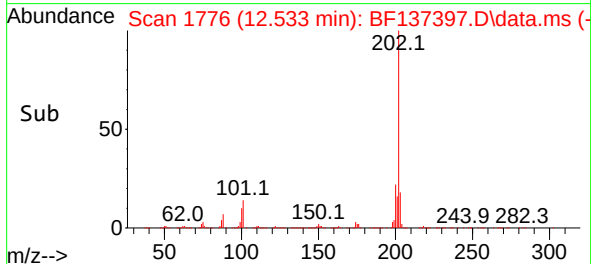
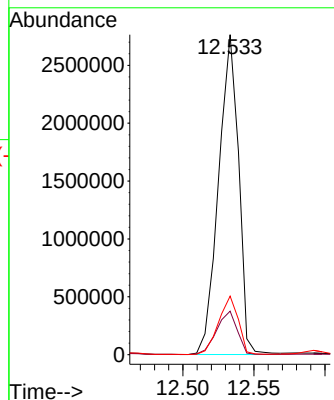
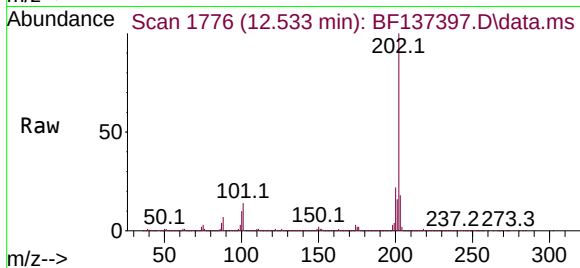




#75
Fluoranthene
Concen: 122.918 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

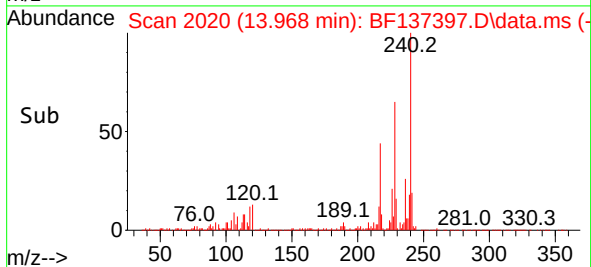
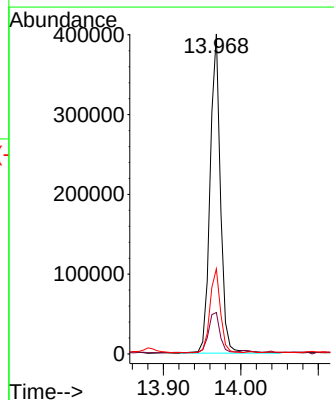
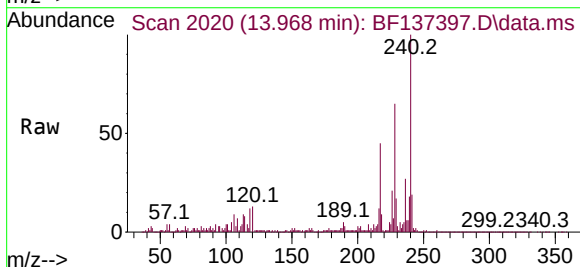
Instrument :
BNA_F
ClientSampleId :

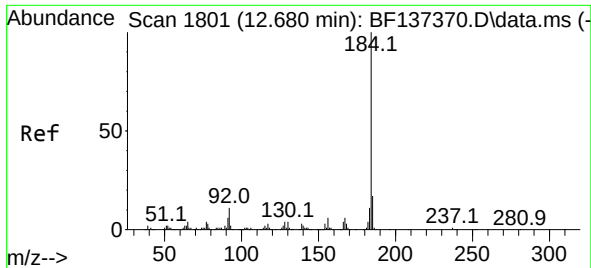
Tgt Ion:202 Resp: 2705997
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.9
203 18.3 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Tgt Ion:240 Resp: 372633
Ion Ratio Lower Upper
240 100
120 13.0 11.3 16.9
236 26.6 20.5 30.7

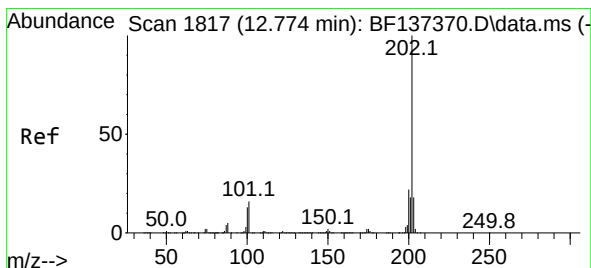
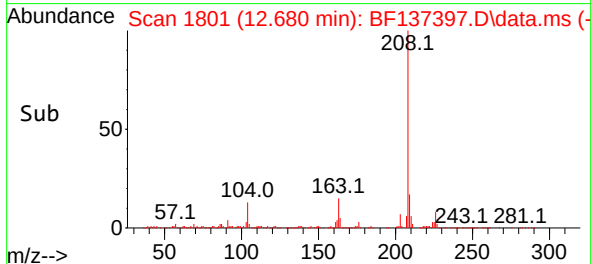
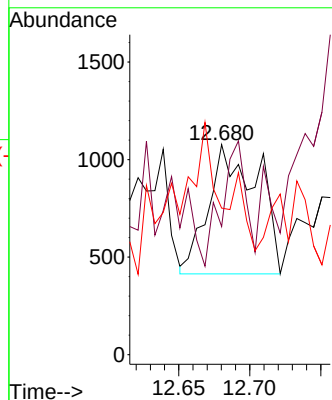
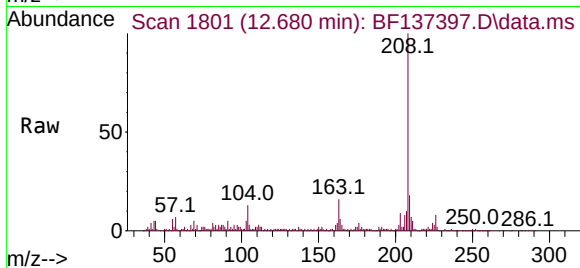




#77
Benzidine
Concen: 7.148 ng
RT: 12.680 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

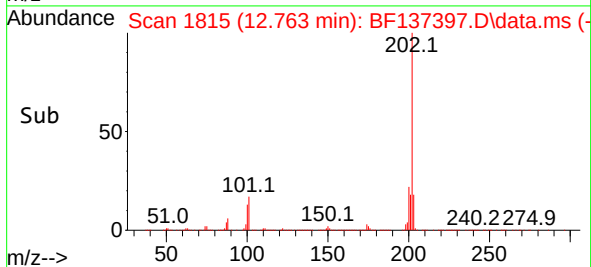
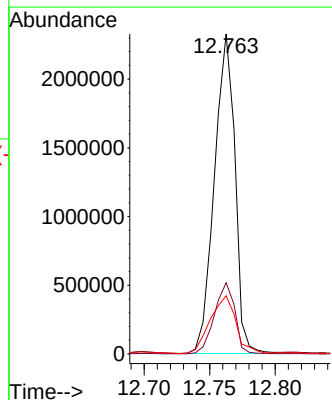
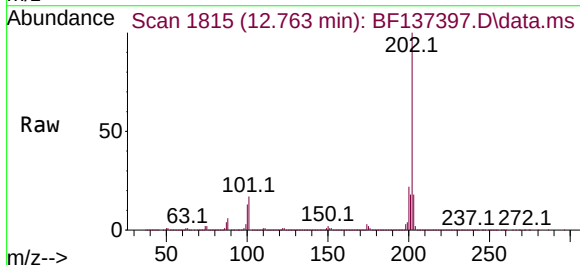
Instrument :
BNA_F
ClientSampleId :

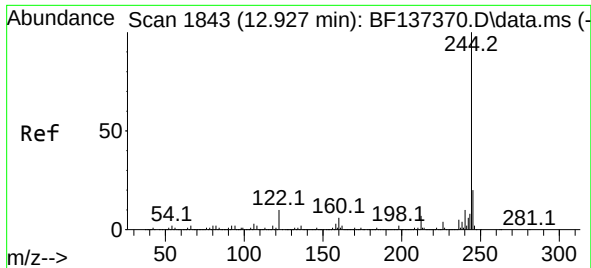
Tgt Ion:184 Resp: 1592
Ion Ratio Lower Upper
184 100
185 61.0 13.7 20.5#
183 69.7 8.8 13.2#



#78
Pyrene
Concen: 71.975 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

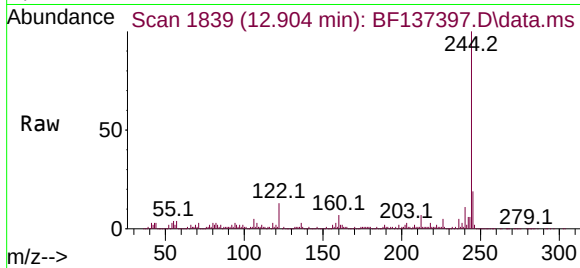
Tgt Ion:202 Resp: 2536069
Ion Ratio Lower Upper
202 100
200 22.2 17.4 26.2
203 18.2 14.2 21.2



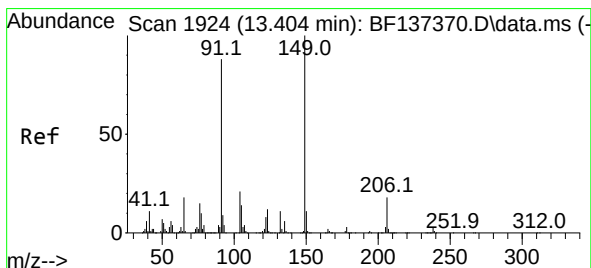
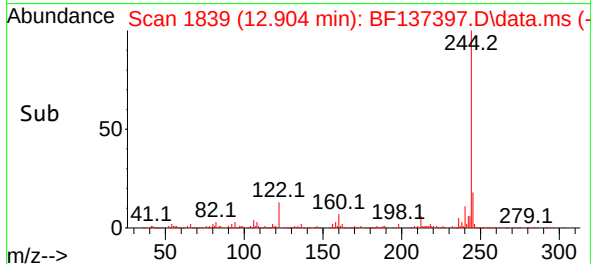
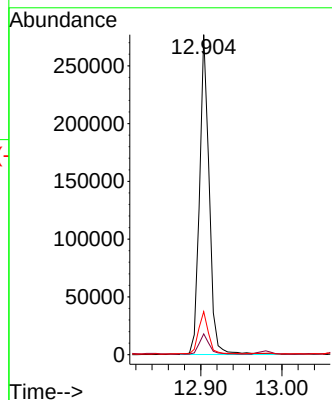


#79
 Terphenyl-d14
 Concen: 8.618 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.024 min
 Lab File: BF137397.D
 Acq: 26 Feb 2024 21:01

Instrument :
 BNA_F
 ClientSampleId :

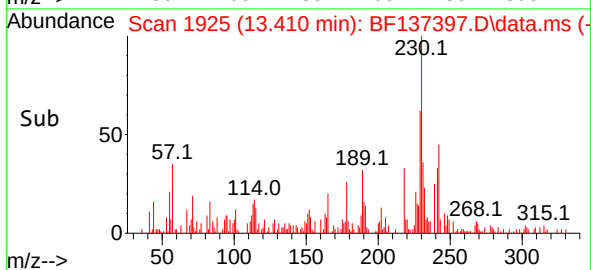
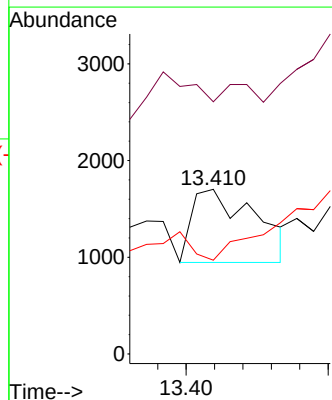
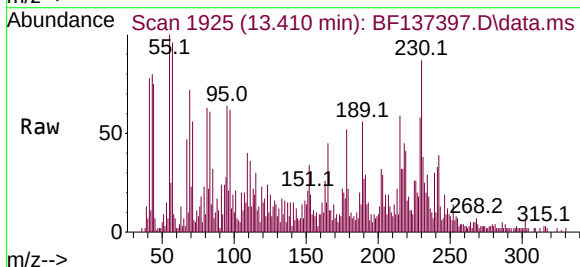


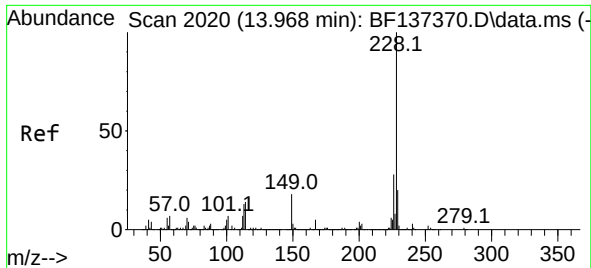
Tgt Ion:244 Resp: 229608
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 13.5 8.2 12.4#



#80
 Butylbenzylphthalate
 Concen: 4.274 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. 0.006 min
 Lab File: BF137397.D
 Acq: 26 Feb 2024 21:01

Tgt Ion:149 Resp: 1174
 Ion Ratio Lower Upper
 149 100
 91 153.2 70.5 105.7#
 206 57.0 14.8 22.2#

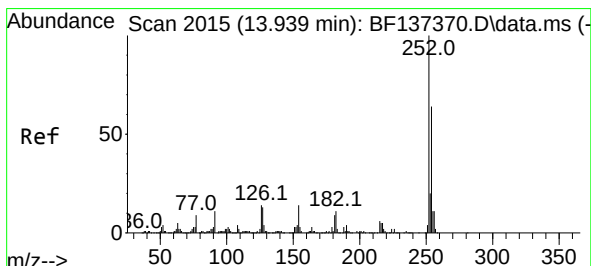
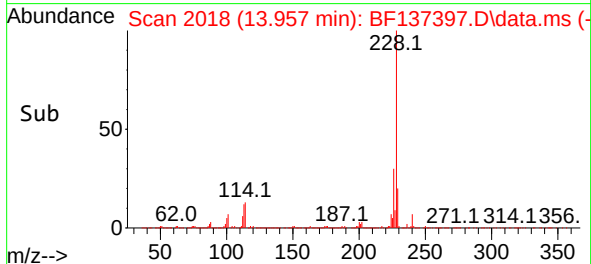
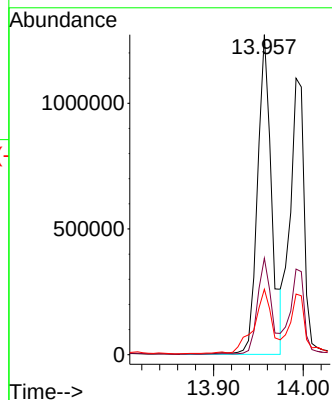
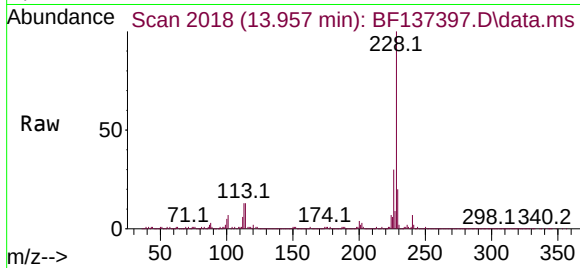




#81
Benzo(a)anthracene
Concen: 53.292 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

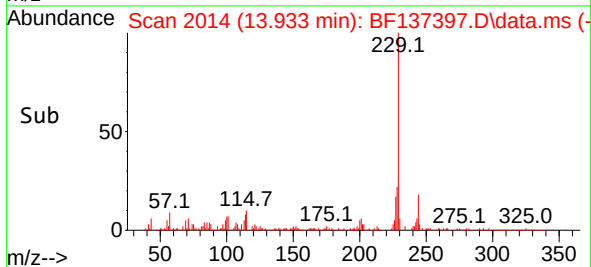
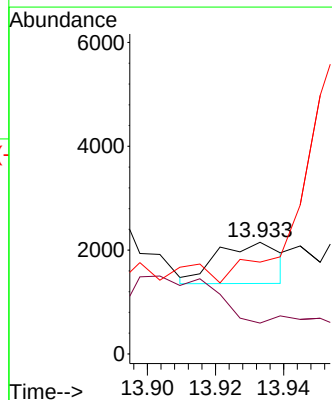
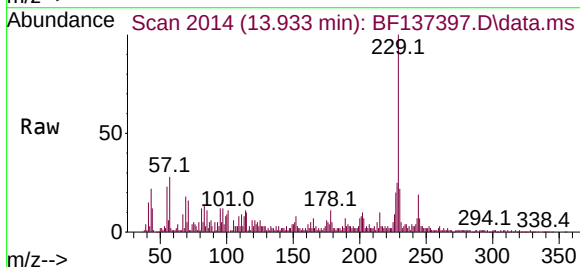
Instrument :
BNA_F
ClientSampleId :

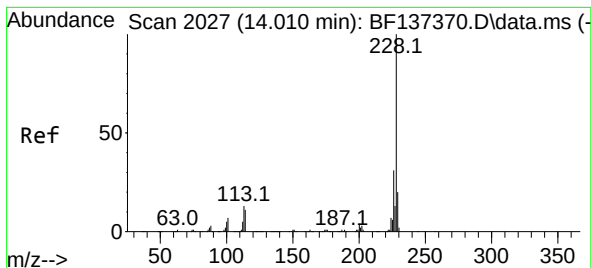
Tgt Ion:228 Resp: 1378005
Ion Ratio Lower Upper
228 100
226 30.1 22.1 33.1
229 20.4 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 5.185 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Tgt Ion:252 Resp: 1021
Ion Ratio Lower Upper
252 100
254 27.6 51.2 76.8#
126 82.2 11.1 16.7#





#83

Chrysene

Concen: 45.431 ng

RT: 13.992 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF137397.D

Acq: 26 Feb 2024 21:01

Instrument :

BNA_F

ClientSampleId :

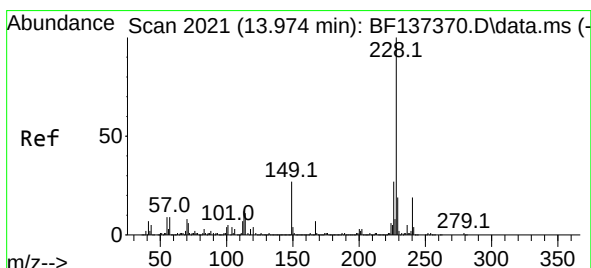
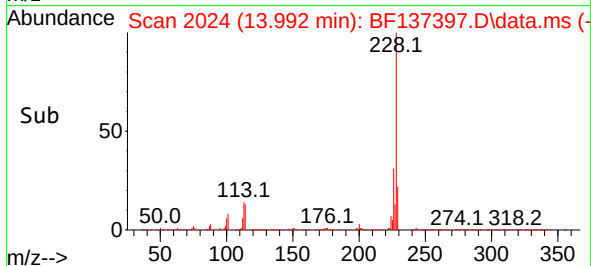
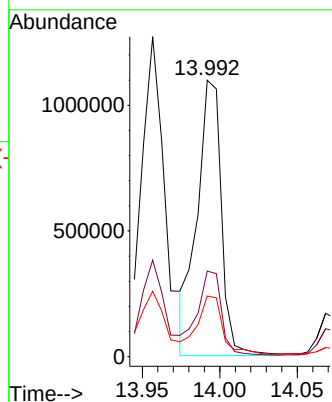
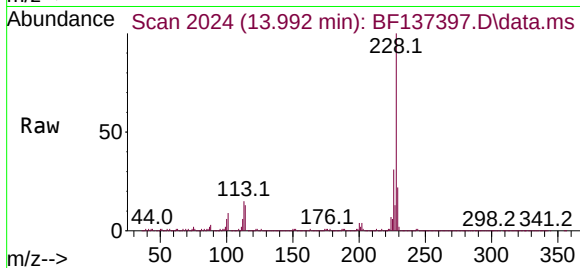
Tgt Ion:228 Resp: 1200047

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

229 22.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.298 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.017 min

Lab File: BF137397.D

Acq: 26 Feb 2024 21:01

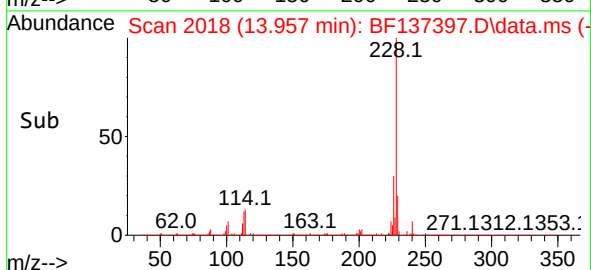
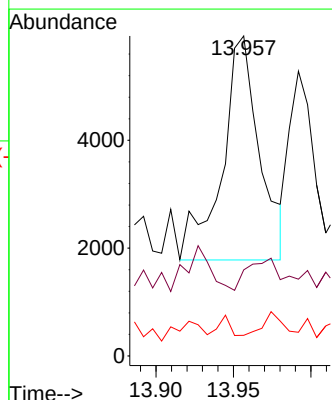
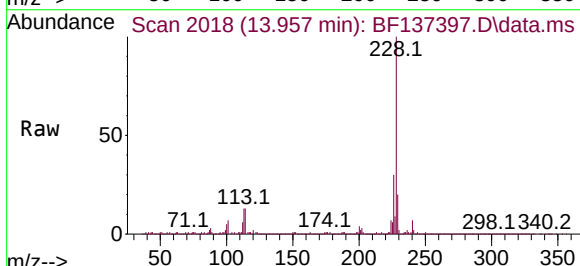
Tgt Ion:149 Resp: 6978

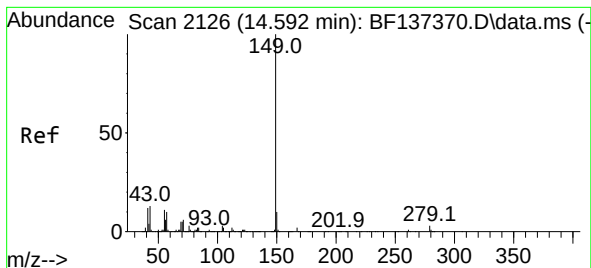
Ion Ratio Lower Upper

149 100

167 26.9 20.6 31.0

279 6.5 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 6.160 ng

RT: 14.562 min Scan# 2126

Delta R.T. -0.030 min

Lab File: BF137397.D

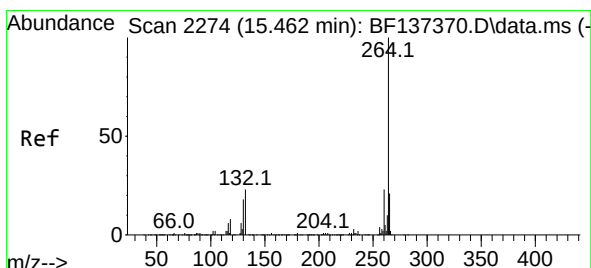
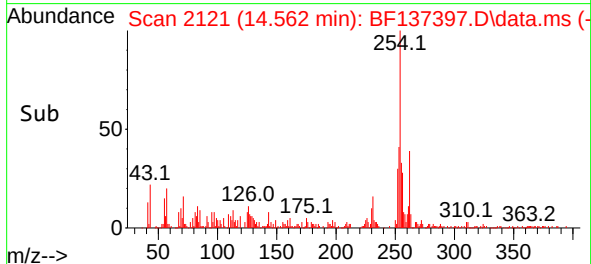
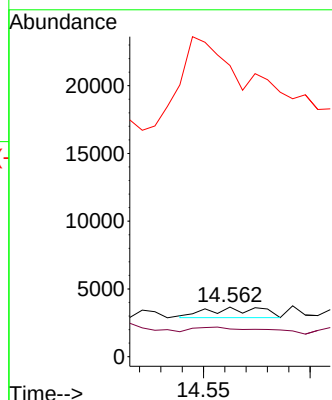
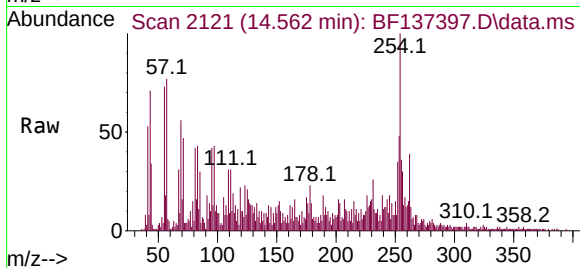
Acq: 26 Feb 2024 21:01

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	1301
Ion	Ratio	Lower	Upper
149	100		
167	126.2	1.2	1.8#
43	1415.0	13.7	20.5#



#86

Perylene-d12

Concen: 20.000 ng

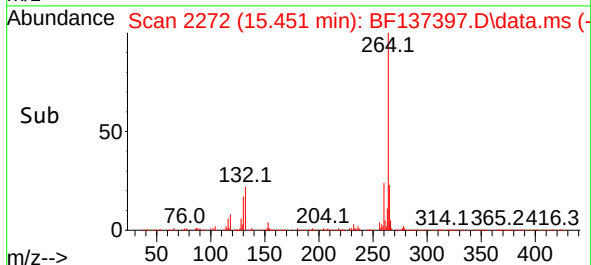
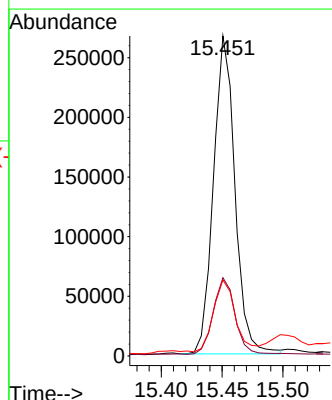
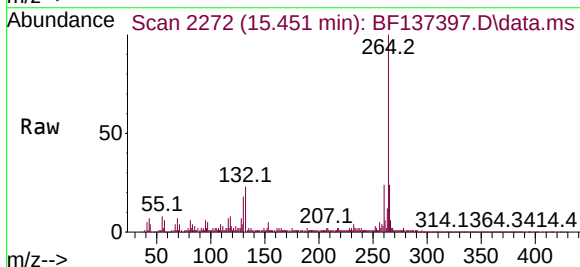
RT: 15.451 min Scan# 2272

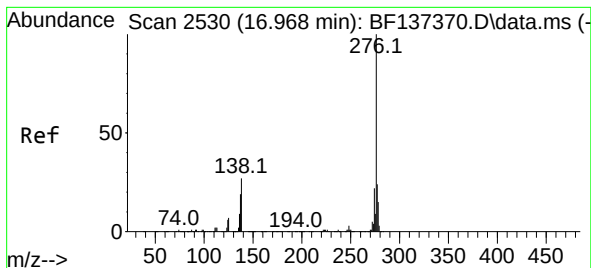
Delta R.T. -0.012 min

Lab File: BF137397.D

Acq: 26 Feb 2024 21:01

Tgt Ion:	264	Resp:	326656
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.5	27.7
265	23.8	16.9	25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.626 ng

RT: 16.951 min Scan# 2199

Delta R.T. -0.017 min

Lab File: BF137397.D

Acq: 26 Feb 2024 21:01

Instrument :

BNA_F

ClientSampleId :

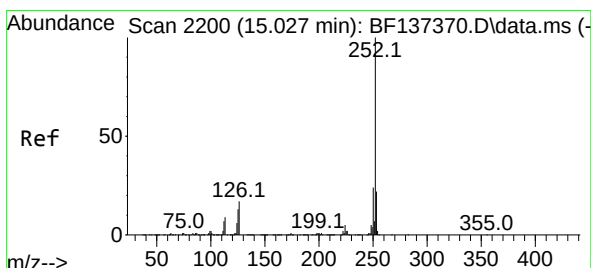
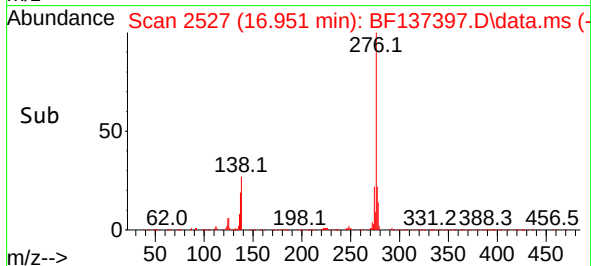
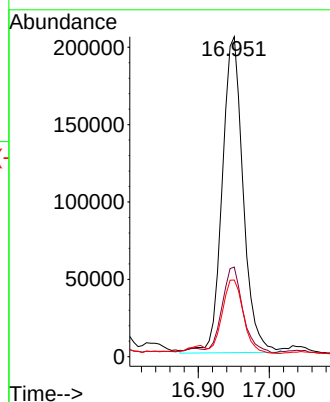
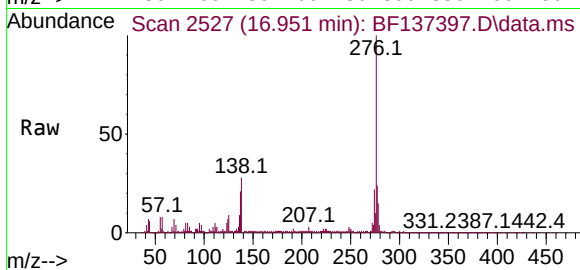
Tgt Ion:276 Resp: 417897

Ion Ratio Lower Upper

276 100

138 26.6 25.8 38.8

277 23.2 19.6 29.4



#88

Benzo(b)fluoranthene

Concen: 91.109 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF137397.D

Acq: 26 Feb 2024 21:01

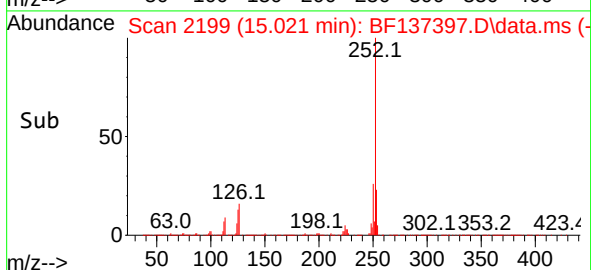
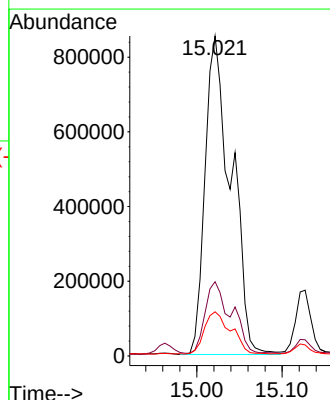
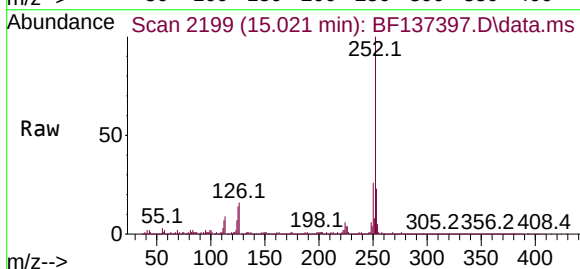
Tgt Ion:252 Resp: 1825700

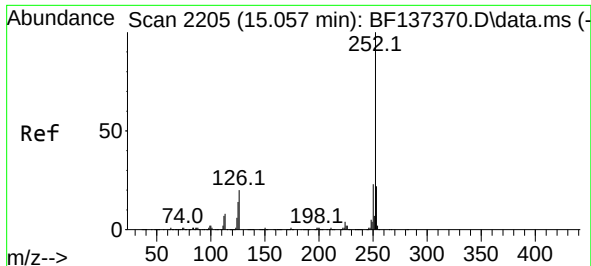
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

125 13.8 10.2 15.2

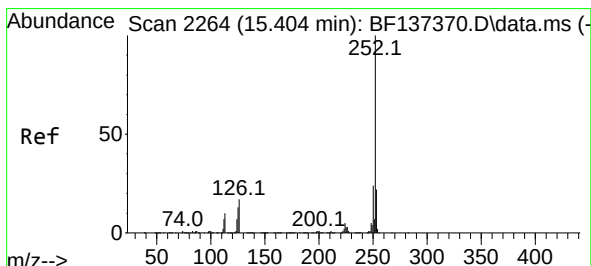
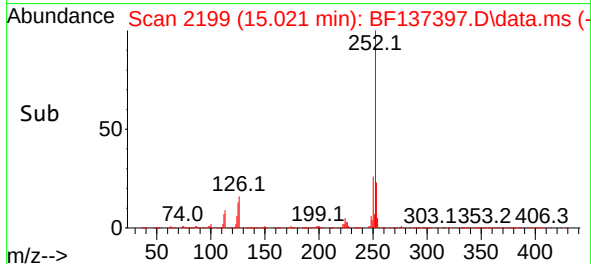
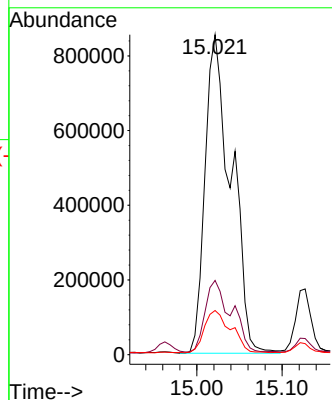
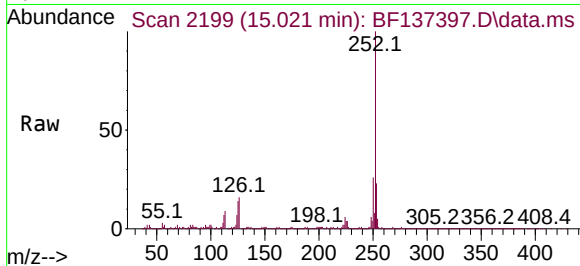




#89
Benzo(k)fluoranthene
Concen: 86.927 ng
RT: 15.021 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

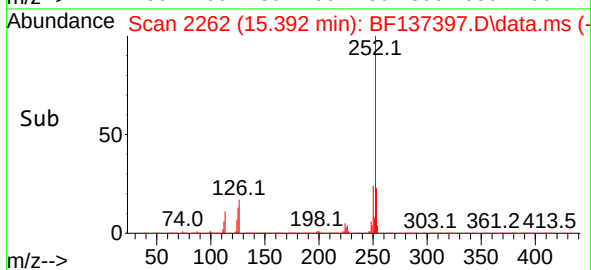
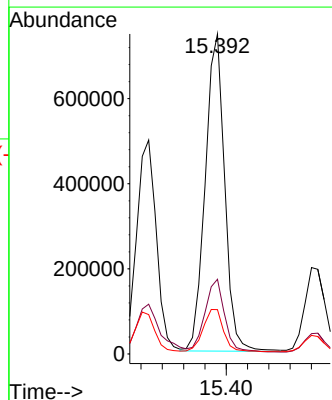
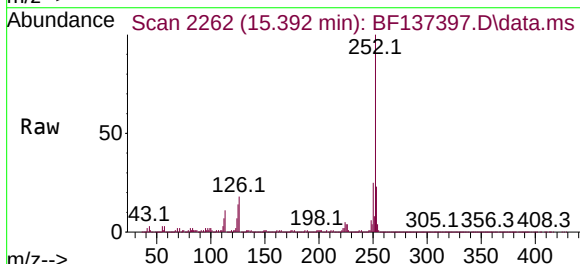
Instrument :
BNA_F
ClientSampleId :

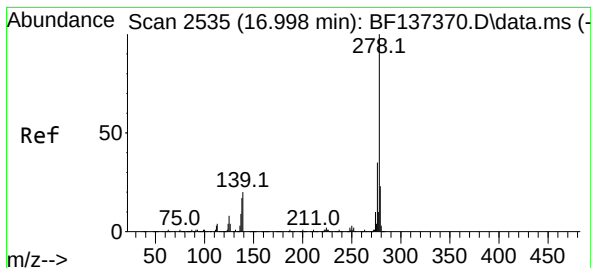
Tgt Ion:252 Resp: 1825700
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 13.8 10.7 16.1



#90
Benzo(a)pyrene
Concen: 49.772 ng
RT: 15.392 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF137397.D
Acq: 26 Feb 2024 21:01

Tgt Ion:252 Resp: 946037
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 13.9 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 6.429 ng

RT: 16.962 min Scan# 2529

Delta R.T. -0.036 min

Lab File: BF137397.D

Acq: 26 Feb 2024 21:01

Instrument :

BNF

ClientSampleId :

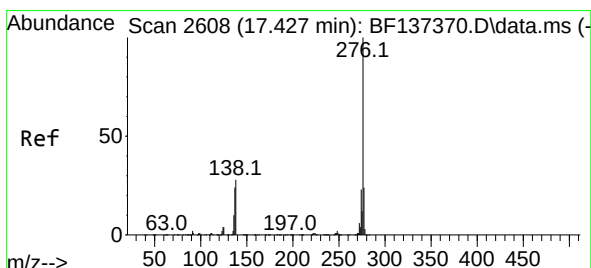
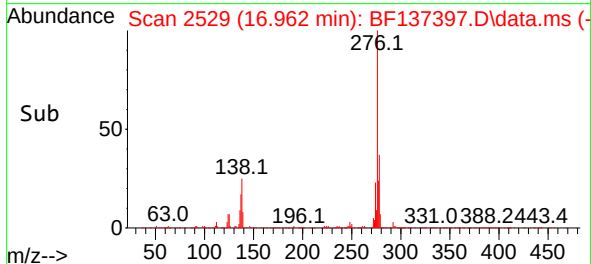
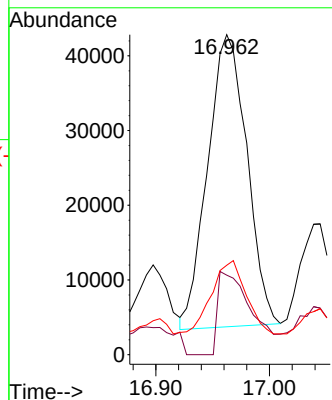
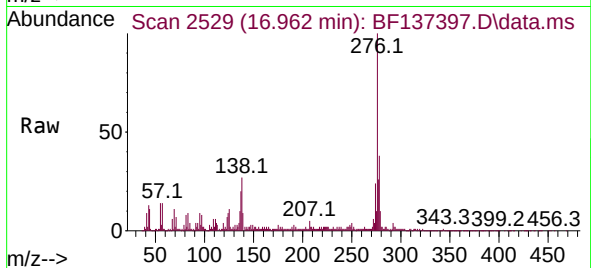
Tgt Ion:278 Resp: 93815

Ion Ratio Lower Upper

278 100

139 24.8 16.2 24.4#

279 28.0 18.5 27.7#



#92

Benzo(g,h,i)perylene

Concen: 22.773 ng

RT: 17.398 min Scan# 2603

Delta R.T. -0.029 min

Lab File: BF137397.D

Acq: 26 Feb 2024 21:01

Tgt Ion:276 Resp: 414547

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 30.8 22.6 33.8

