

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131445.D
 Acq On : 28 Nov 2022 23:41
 Operator : CG\JU
 Sample : N5752-15 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-14S

Quant Time: Nov 29 01:00:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

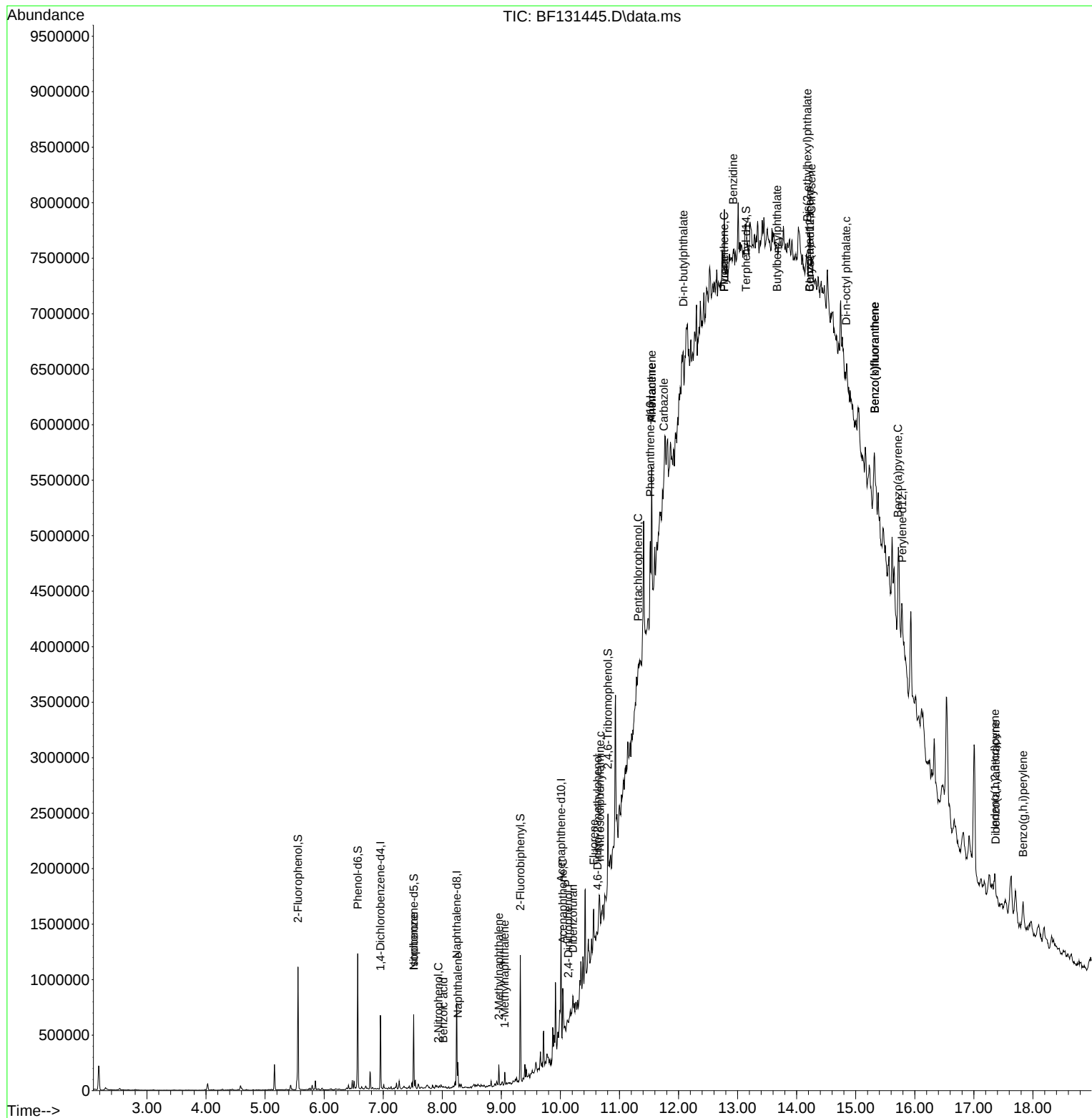
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	90141	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	310838	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	187855	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	222636	20.000	ng	# 0.02
76) Chrysene-d12	14.227	240	117747	20.000	ng	# 0.06
86) Perylene-d12	15.786	264	122745	20.000	ng	# 0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	236886	50.016	ng	0.00
7) Phenol-d6	6.569	99	337637	55.873	ng	0.00
23) Nitrobenzene-d5	7.516	82	164144	26.619	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	70304	44.484	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	300935	23.306	ng	0.00
79) Terphenyl-d14	13.145	244	201820	28.029	ng	0.04
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	4581	Below Cal	#	1
25) Isophorone	7.516	82	163129	14.828	ng	# 68
26) 2-Nitrophenol	7.934	139	61	3.613	ng	# 1
31) Naphthalene	8.263	128	75841	4.579	ng	# 99
32) Benzoic acid	8.016	122	1376	5.737	ng	# 37
37) 2-Methylnaphthalene	8.957	142	41183	3.669	ng	# 94
38) 1-Methylnaphthalene	9.057	142	25507	2.344	ng	# 94
52) Acenaphthene	10.039	154	62038	5.651	ng	# 94
54) 2,4-Dinitrophenol	10.134	184	58	4.959	ng	# 1
55) Dibenzofuran	10.216	168	55438	3.510	ng	# 97
58) Fluorene	10.563	166	78093	6.336	ng	# 99
65) 4,6-Dinitro-2-methylph...	10.628	198	511	5.173	ng	# 1
66) n-Nitrosodiphenylamine	10.669	169	14683	2.070	ng	# 86
70) Pentachlorophenol	11.316	266	929	5.397	ng	# 1
71) Phenanthrene	11.545	178	553026	45.963	ng	# 97
72) Anthracene	11.545	178	553026	46.769	ng	# 96
73) Carbazole	11.751	167	57639	5.714	ng	# 63
74) Di-n-butylphthalate	12.080	149	48905	4.115	ng	# 40
75) Fluoranthene	12.775	202	511892	40.375	ng	# 95
77) Benzidine	12.927	184	5062	2.327	ng	# 1
78) Pyrene	12.775	202	511892	49.274	ng	# 96
80) Butylbenzylphthalate	13.669	149	10319	6.841	ng	# 23
81) Benzo(a)anthracene	14.216	228	246500	30.542	ng	# 87
83) Chrysene	14.251	228	234095	29.563	ng	# 87
84) Bis(2-ethylhexyl)phtha...	14.180	149	42587	12.213	ng	# 66
85) Di-n-octyl phthalate	14.839	149	16034	6.650	ng	# 70
87) Indeno(1,2,3-cd)pyrene	17.357	276	184924	22.431	ng	# 98
88) Benzo(b)fluoranthene	15.321	252	451752	55.401	ng	# 72
89) Benzo(k)fluoranthene	15.321	252	451752	53.910	ng	# 73
90) Benzo(a)pyrene	15.715	252	228537	34.157	ng	# 79
91) Dibenzo(a,h)anthracene	17.368	278	46372	6.813	ng	# 57
92) Benzo(g,h,i)perylene	17.833	276	204946	30.169	ng	# 94

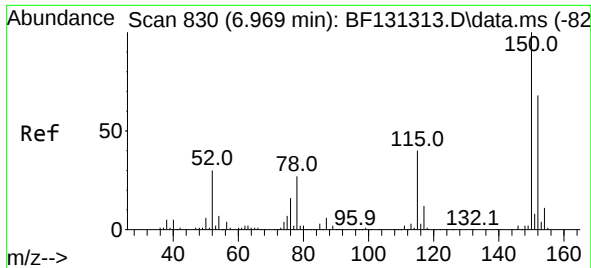
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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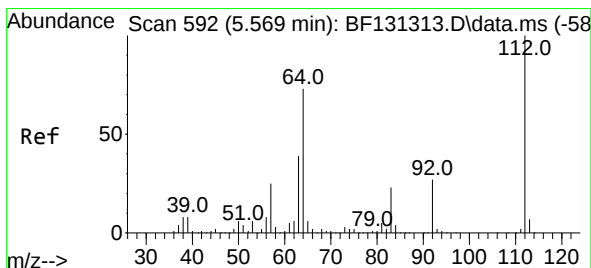
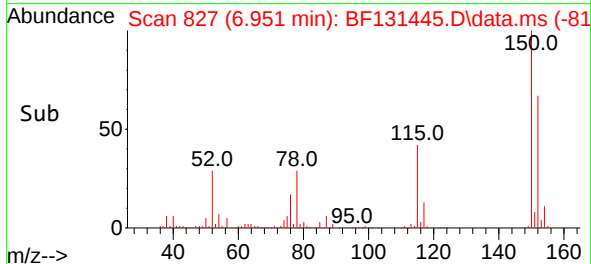
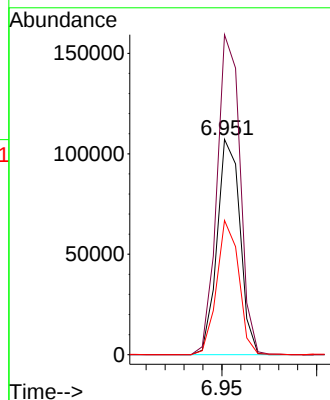
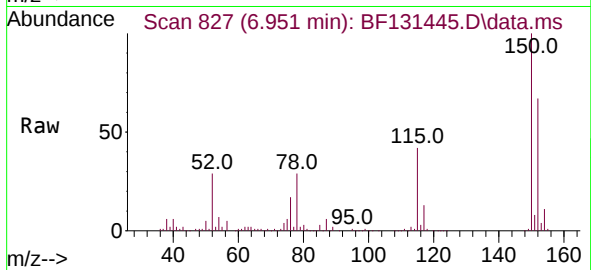




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

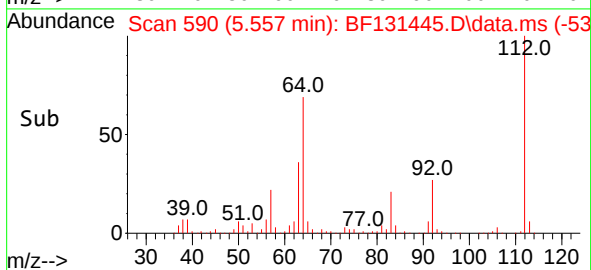
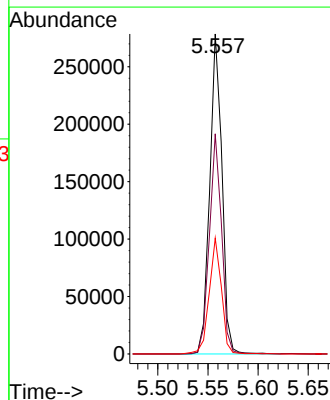
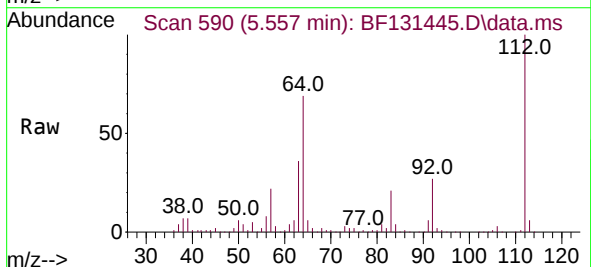
Instrument :
BNA_F
ClientSampleId :
B-14S

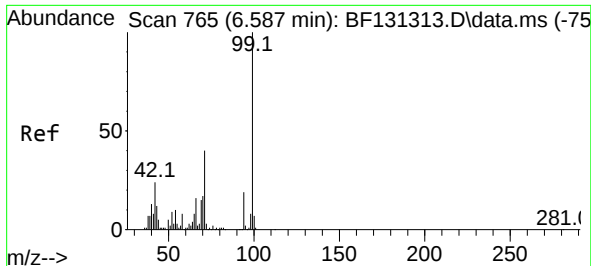
Tgt Ion:152 Resp: 90141
Ion Ratio Lower Upper
152 100
150 148.6 117.8 176.8
115 62.4 47.1 70.7



#5
2-Fluorophenol
Concen: 50.016 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.000 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

Tgt Ion:112 Resp: 236886
Ion Ratio Lower Upper
112 100
64 68.8 58.6 88.0
63 36.2 31.4 47.0

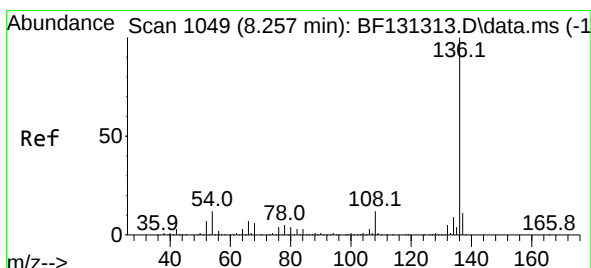
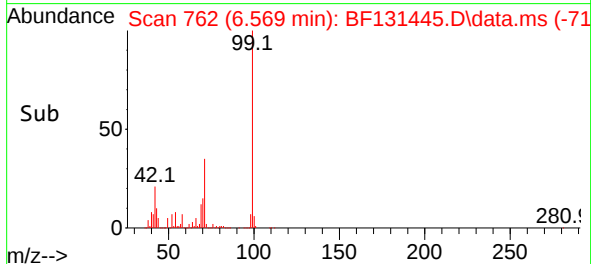
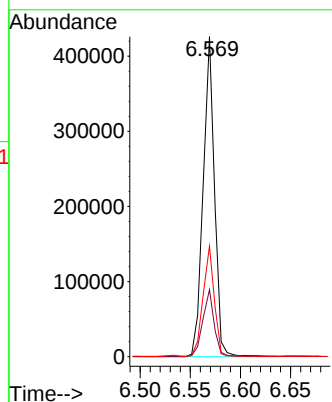
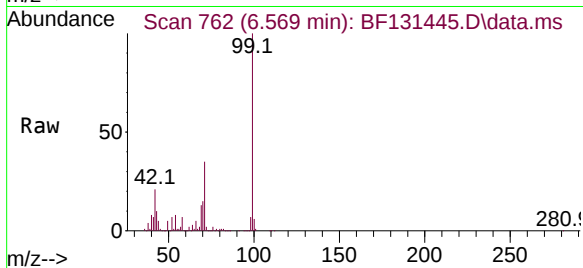




#7
Phenol-d6
Concen: 55.873 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

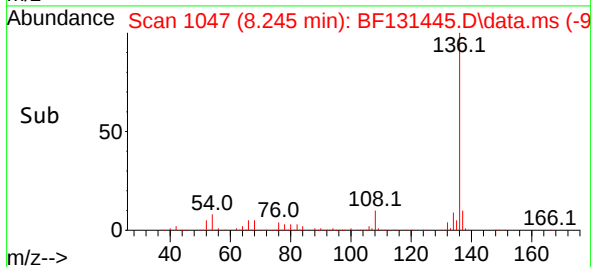
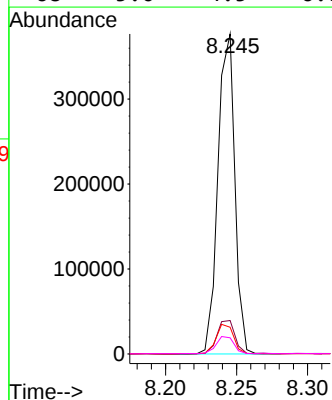
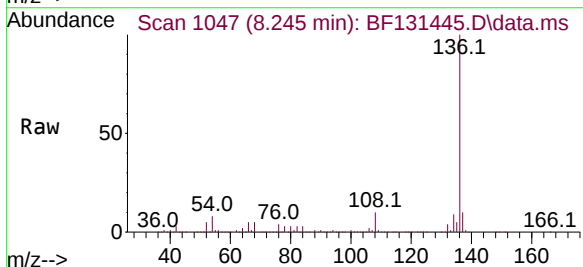
Instrument :
BNA_F
ClientSampleId :
B-14S

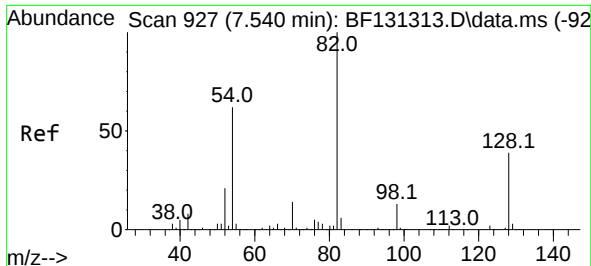
Tgt Ion: 99 Resp: 337637
Ion Ratio Lower Upper
99 100
42 20.9 19.4 29.2
71 34.6 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

Tgt Ion: 136 Resp: 310838
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 8.3 9.4 14.0#
68 5.0 4.5 6.7

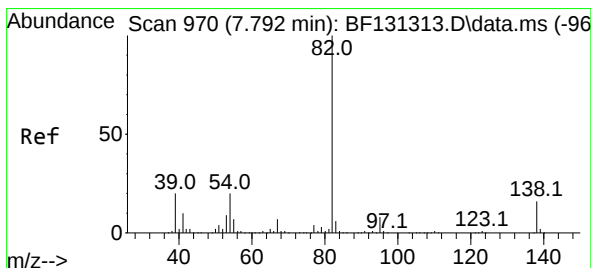
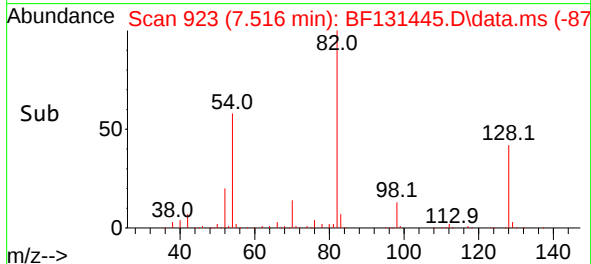
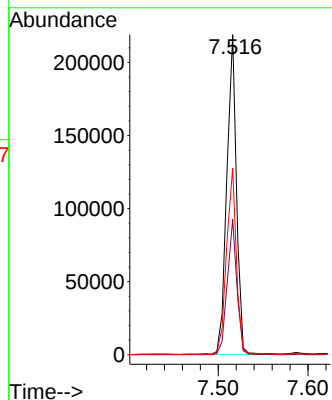
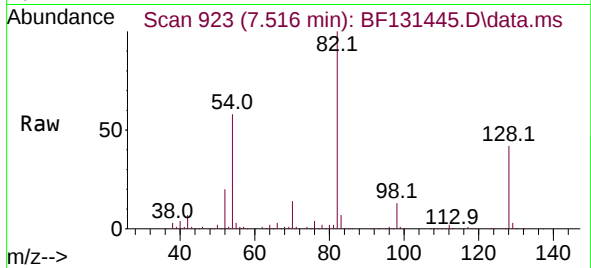




#23
Nitrobenzene-d5
Concen: 26.619 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

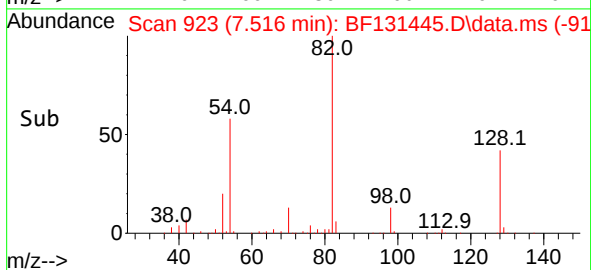
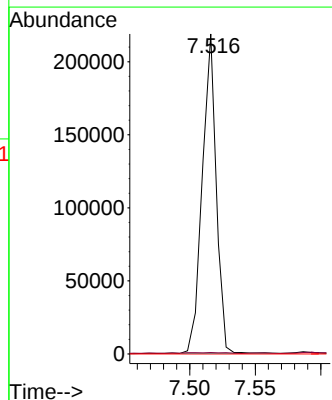
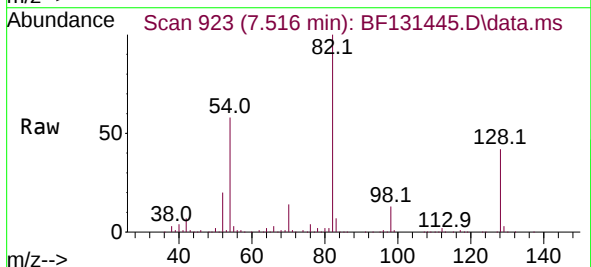
Instrument :
BNA_F
ClientSampleId :
B-14S

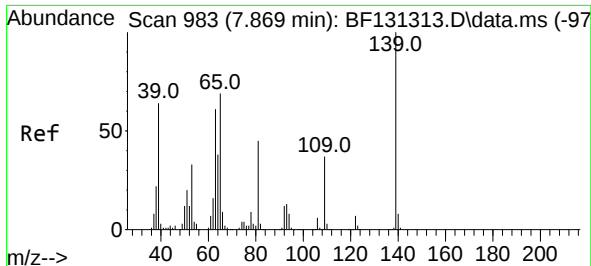
Tgt Ion: 82 Resp: 164144
Ion Ratio Lower Upper
82 100
128 42.3 31.4 47.0
54 58.3 49.8 74.6



#25
Isophorone
Concen: 14.828 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

Tgt Ion: 82 Resp: 163129
Ion Ratio Lower Upper
82 100
95 0.5 6.2 9.2#
138 0.0 12.7 19.1#

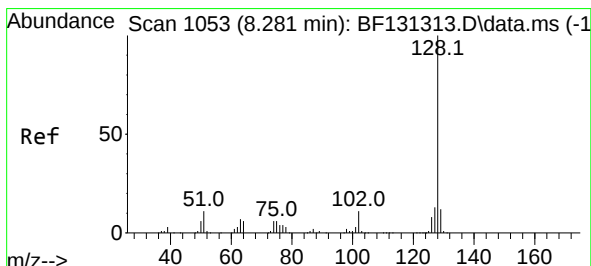
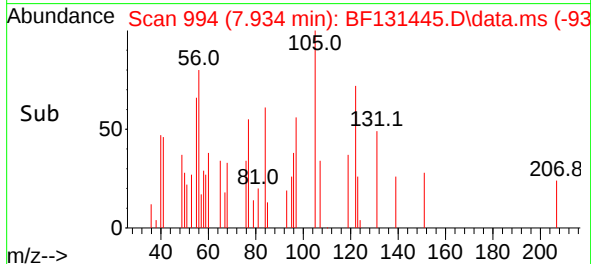
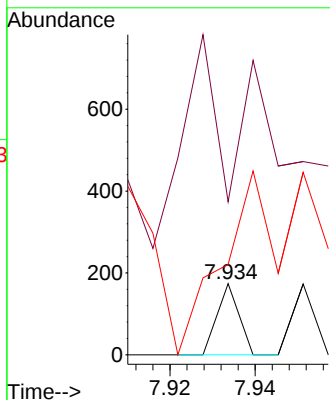
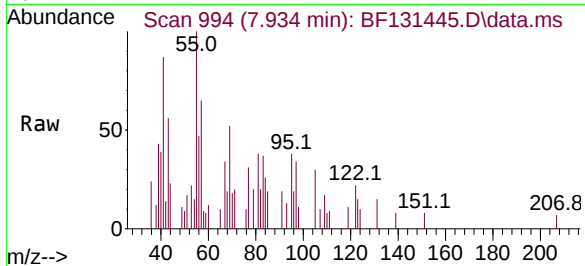




#26
2-Nitrophenol
Concen: 3.613 ng
RT: 7.934 min Scan# 91
Delta R.T. 0.076 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

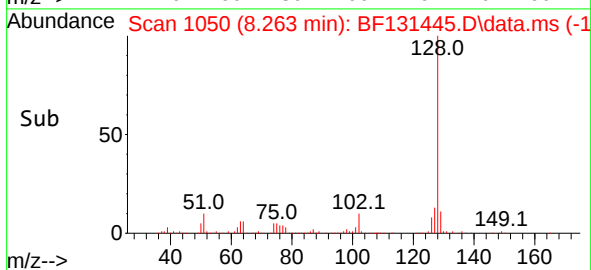
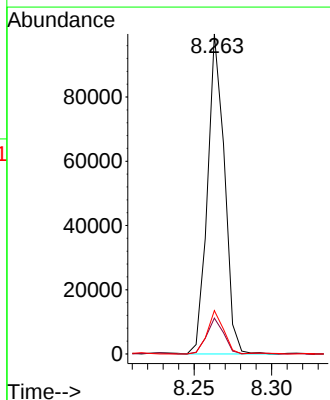
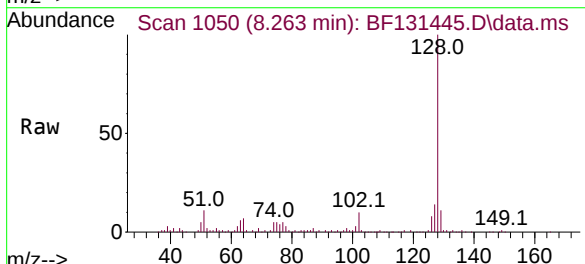
Instrument :
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ClientSampleId :
B-14S

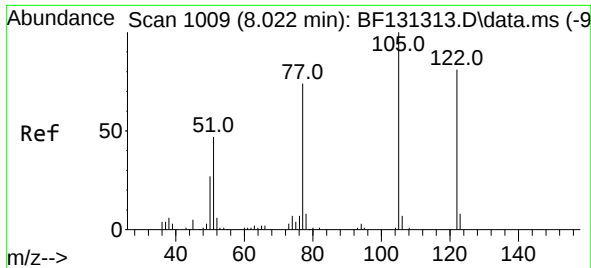
Tgt Ion:139 Resp: 61
Ion Ratio Lower Upper
139 100
109 214.9 29.9 44.9#
65 127.0 55.7 83.5#



#31
Naphthalene
Concen: 4.579 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

Tgt Ion:128 Resp: 75841
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.5 10.6 16.0

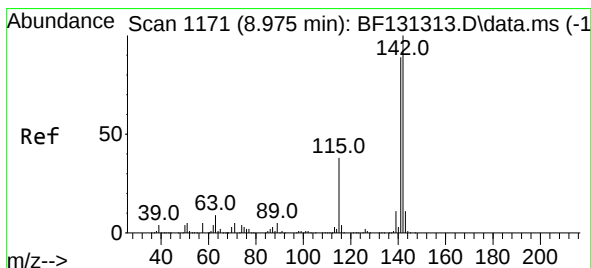
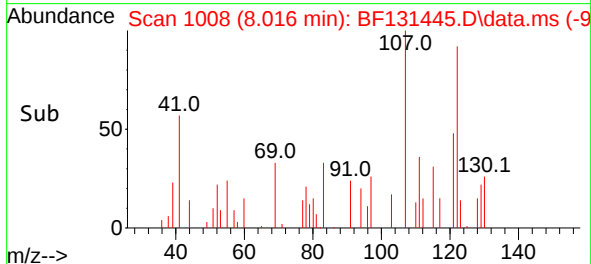
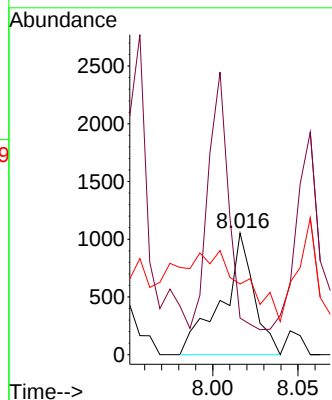
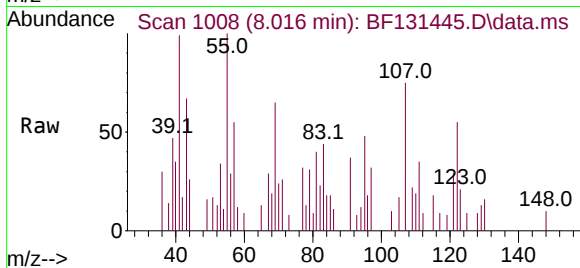




#32
Benzoic acid
Concen: 5.737 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.012 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

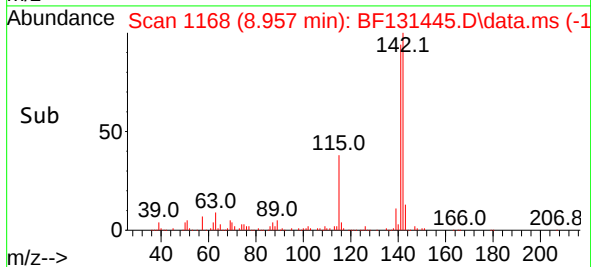
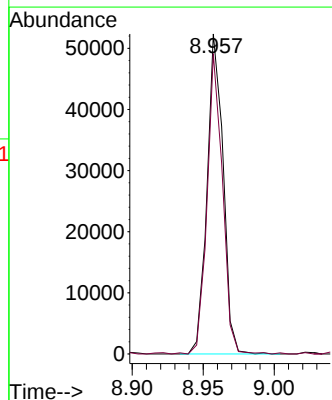
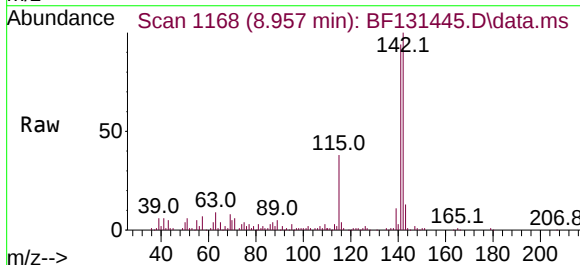
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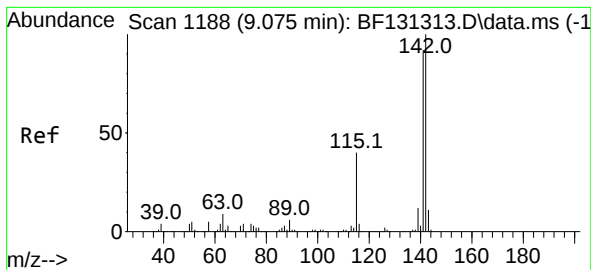
Tgt Ion:122 Resp: 1376
Ion Ratio Lower Upper
122 100
105 30.1 103.8 143.8#
77 58.2 74.3 114.3#



#37
2-Methylnaphthalene
Concen: 3.669 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

Tgt Ion:142 Resp: 41183
Ion Ratio Lower Upper
142 100
141 93.8 71.0 106.4





#38

1-Methylnaphthalene

Concen: 2.344 ng

RT: 9.057 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

Instrument :

BNA_F

ClientSampleId :

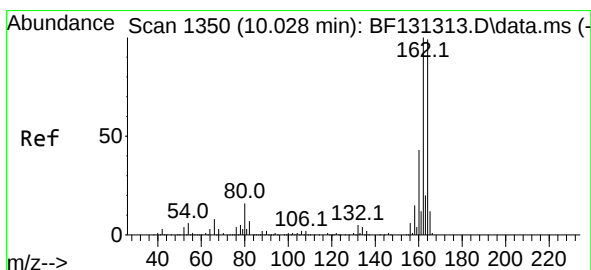
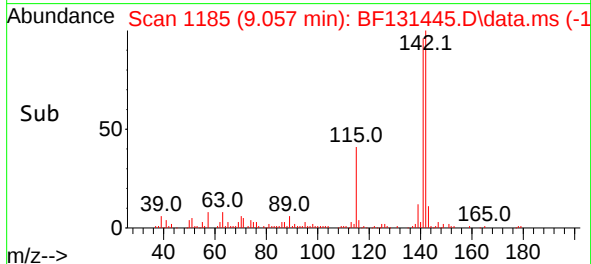
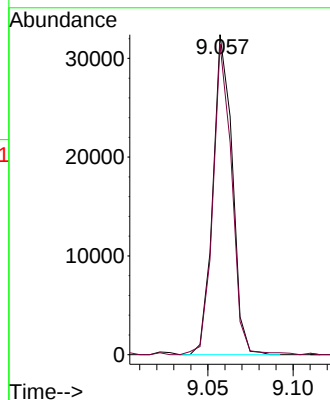
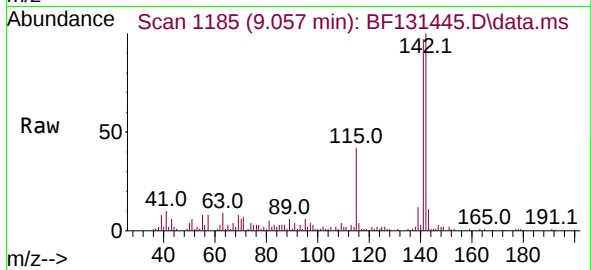
B-14S

Tgt Ion:142 Resp: 25507

Ion Ratio Lower Upper

142 100

141 97.1 73.4 110.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1347

Delta R.T. -0.000 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

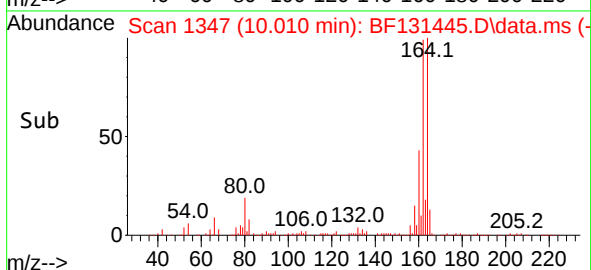
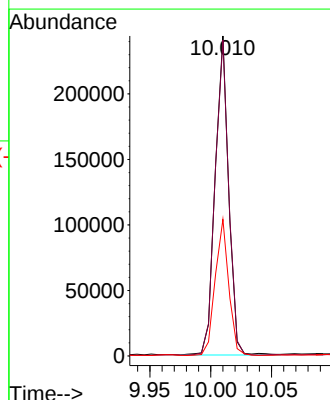
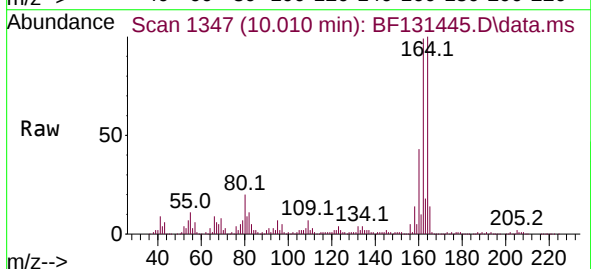
Tgt Ion:164 Resp: 187855

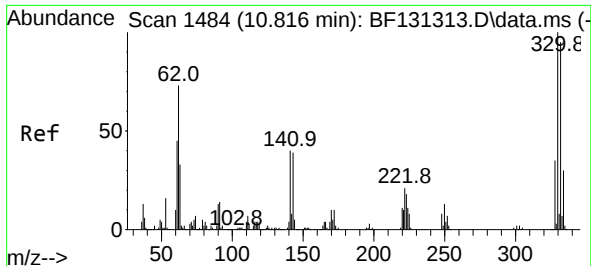
Ion Ratio Lower Upper

164 100

162 98.7 80.6 120.8

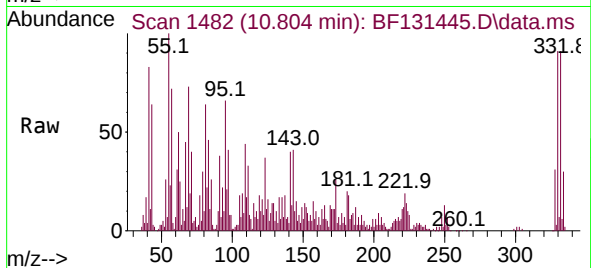
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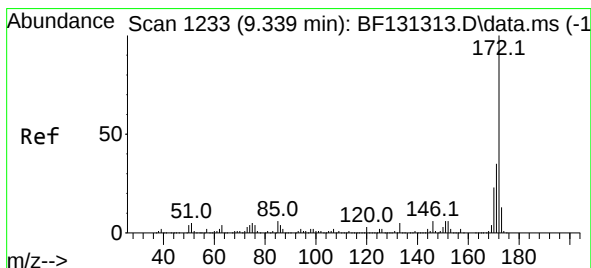
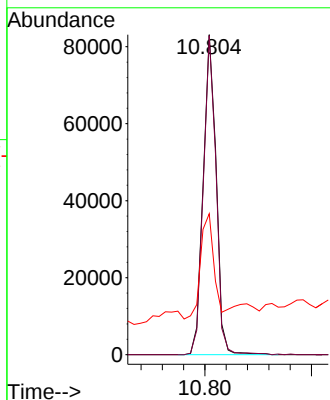
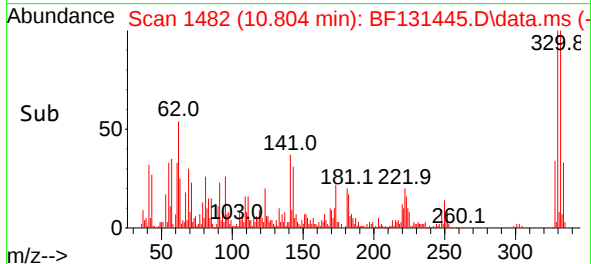


#42
2,4,6-Tribromophenol
Concen: 44.484 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

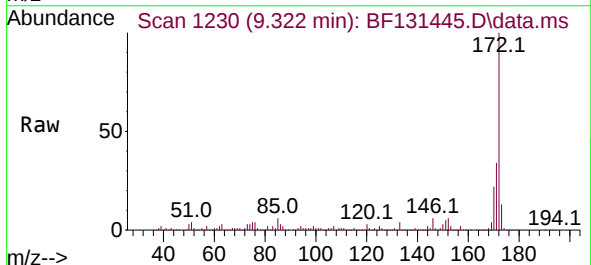
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BNA_F
ClientSampleId :
B-14S



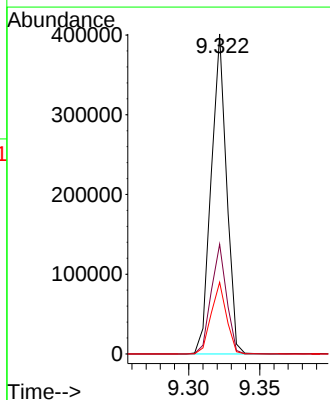
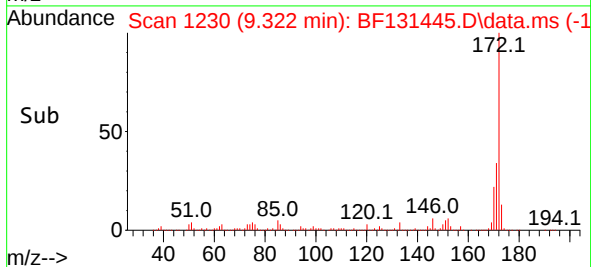
Tgt Ion:330 Resp: 70304
Ion Ratio Lower Upper
330 100
332 98.0 77.5 116.3
141 34.7 29.3 43.9

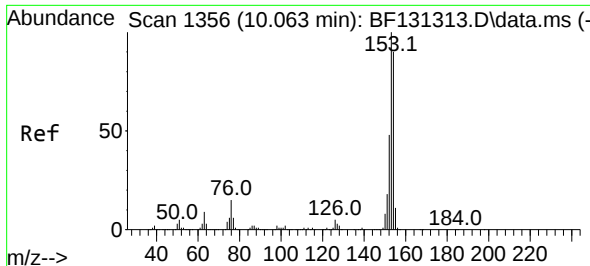


#45
2-Fluorobiphenyl
Concen: 23.306 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41



Tgt Ion:172 Resp: 300935
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 22.4 18.7 28.1

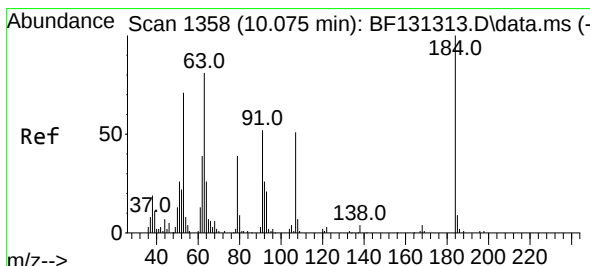
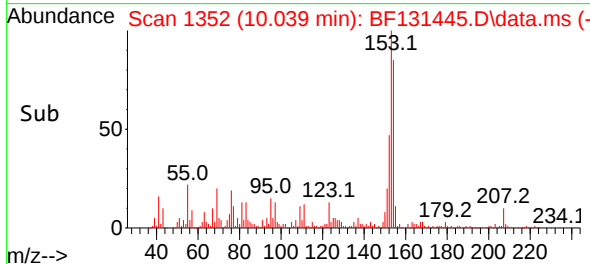
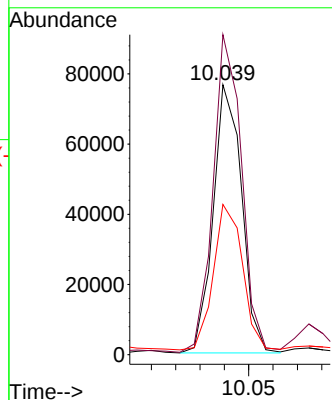
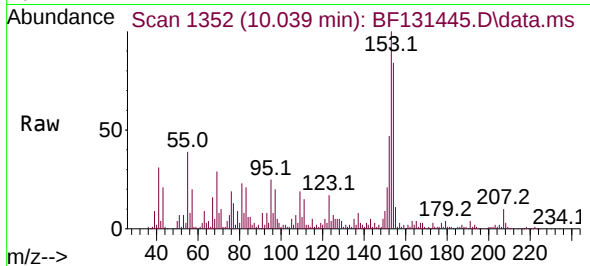




#52
Acenaphthene
Concen: 5.651 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

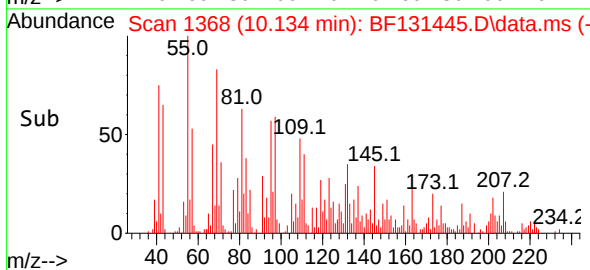
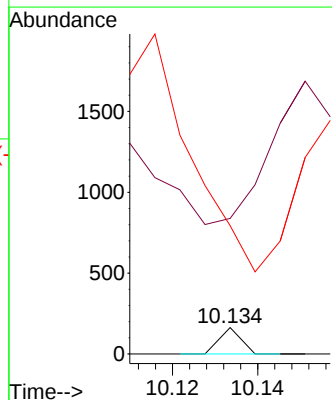
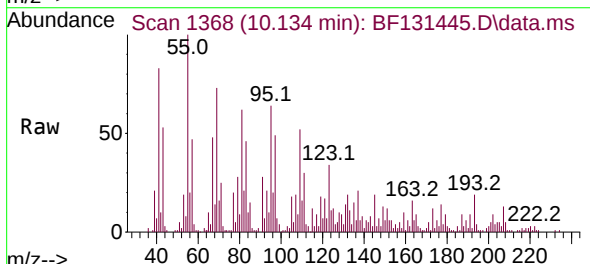
Instrument :
BNA_F
ClientSampleId :
B-14S

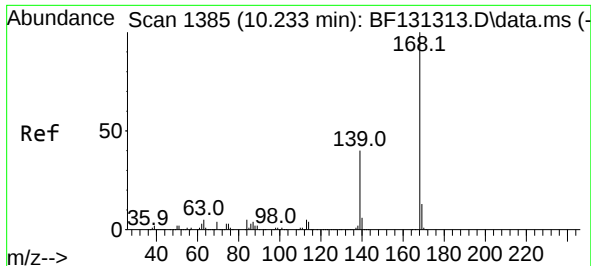
Tgt Ion:154 Resp: 62038
Ion Ratio Lower Upper
154 100
153 118.5 88.4 132.6
152 55.7 42.8 64.2



#54
2,4-Dinitrophenol
Concen: 4.959 ng
RT: 10.134 min Scan# 1368
Delta R.T. 0.071 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 511.0 72.1 108.1#
154 484.1 56.3 84.5#

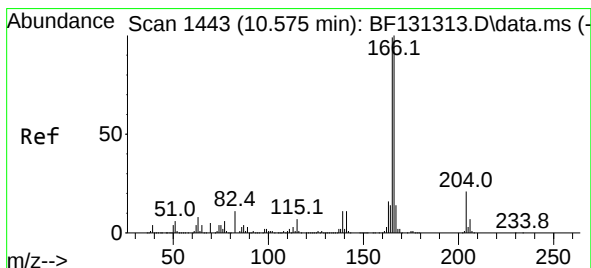
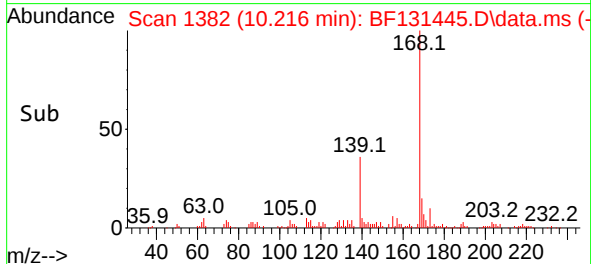
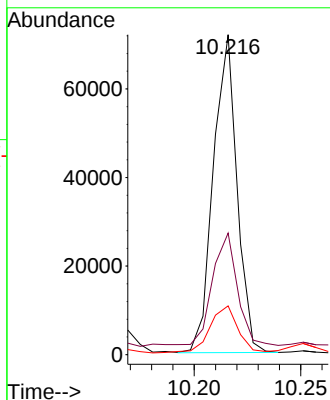
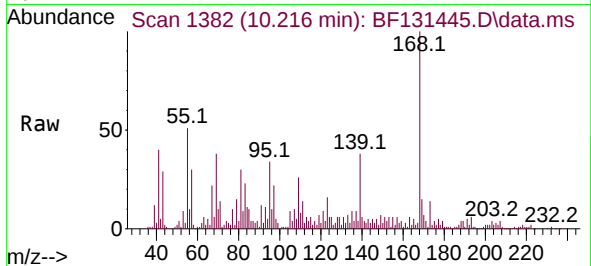




#55
Dibenzenofuran
Concen: 3.510 ng
RT: 10.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

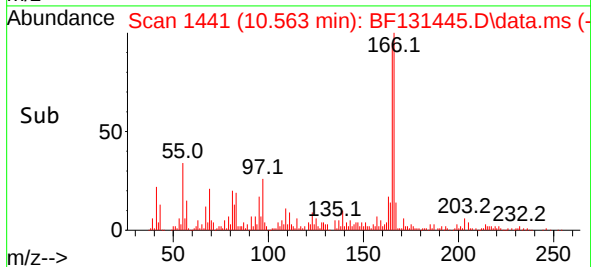
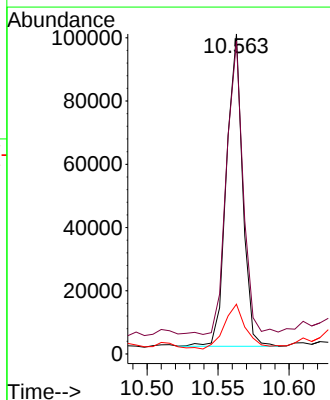
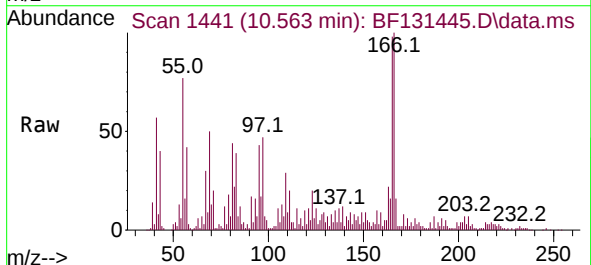
Instrument :
BNA_F
ClientSampleId :
B-14S

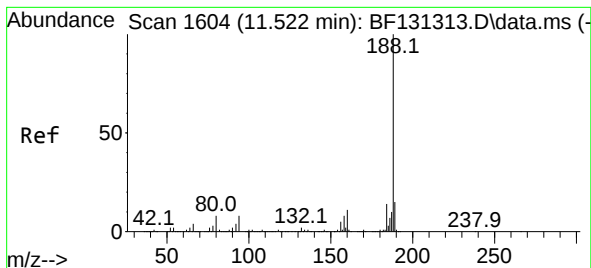
Tgt Ion:168 Resp: 55438
Ion Ratio Lower Upper
168 100
139 38.0 31.7 47.5
169 15.2 10.6 15.8



#58
Fluorene
Concen: 6.336 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

Tgt Ion:166 Resp: 78093
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.4
167 15.5 10.9 16.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.522 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

Instrument :

BNA_F

ClientSampleId :

B-14S

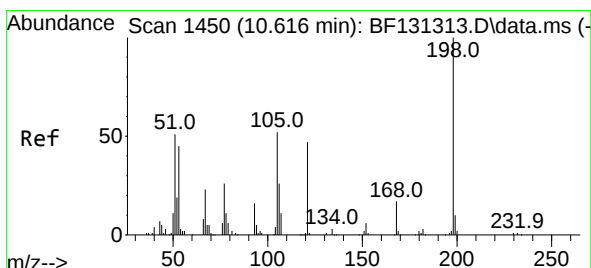
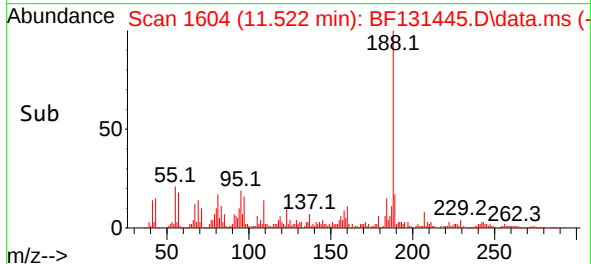
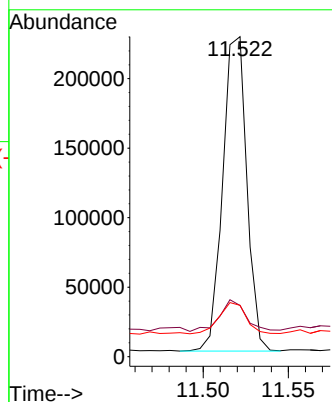
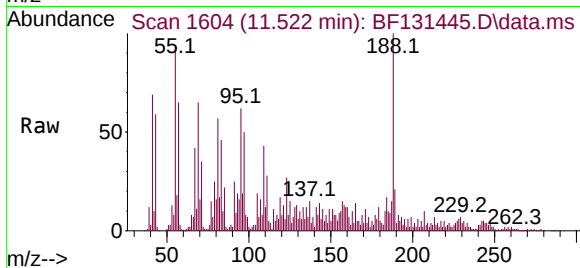
Tgt Ion:188 Resp: 222636

Ion Ratio Lower Upper

188 100

94 16.0 6.3 9.5#

80 16.1 6.8 10.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.173 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.024 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

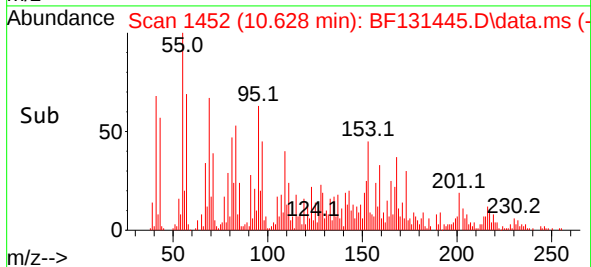
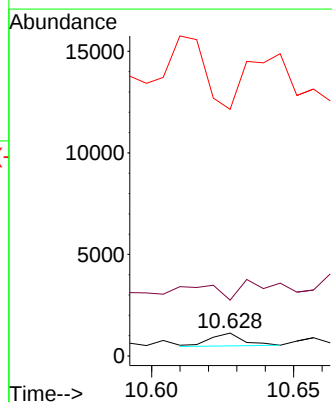
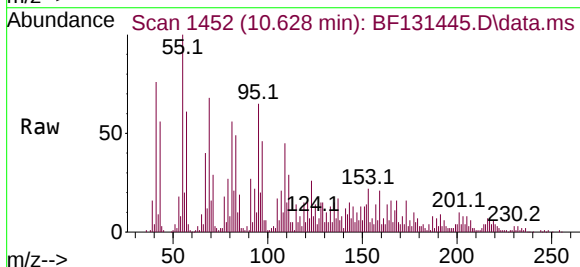
Tgt Ion:198 Resp: 511

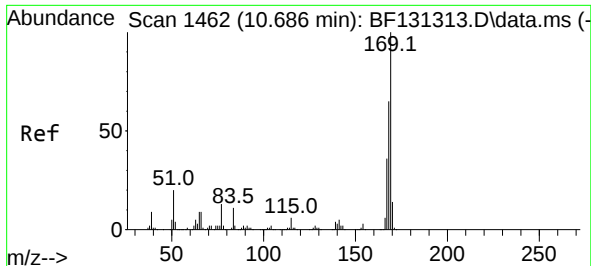
Ion Ratio Lower Upper

198 100

51 244.3 50.1 90.1#

105 1078.2 32.5 72.5#

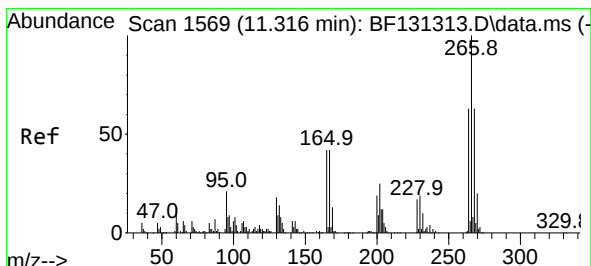
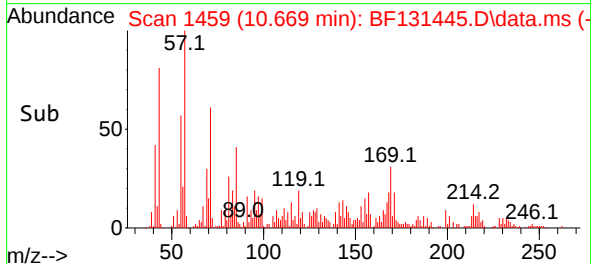
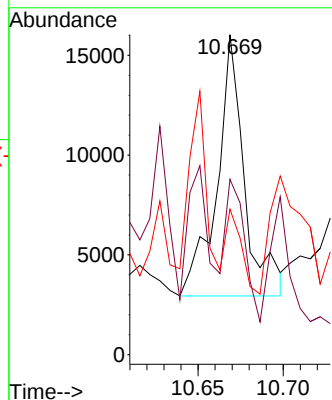
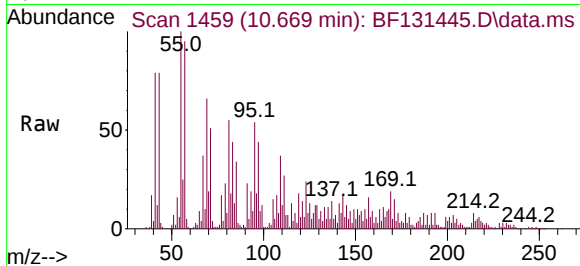




#66
n-Nitrosodiphenylamine
Concen: 2.070 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

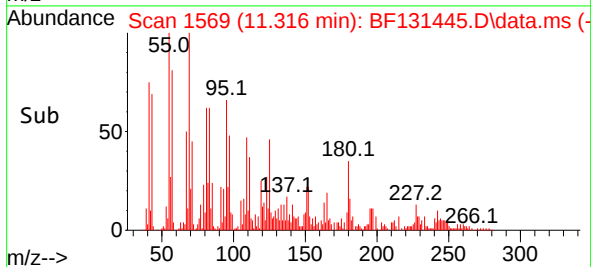
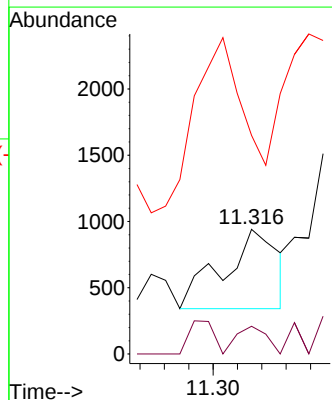
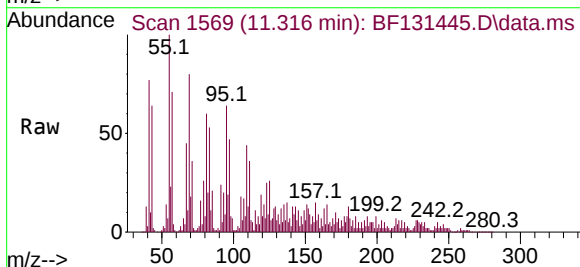
Instrument :
BNA_F
ClientSampleId :
B-14S

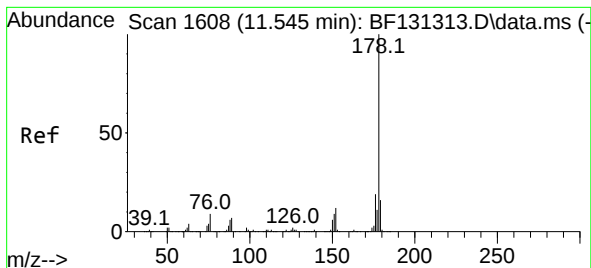
Tgt Ion:169 Resp: 14683
Ion Ratio Lower Upper
169 100
168 54.8 52.4 78.6
167 45.5 29.2 43.8#



#70
Pentachlorophenol
Concen: 5.397 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.012 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

Tgt Ion:266 Resp: 929
Ion Ratio Lower Upper
266 100
268 22.2 50.6 75.8#
264 175.3 50.4 75.6#





#71

Phenanthrene

Concen: 45.963 ng

RT: 11.545 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

Instrument :

BNA_F

ClientSampleId :

B-14S

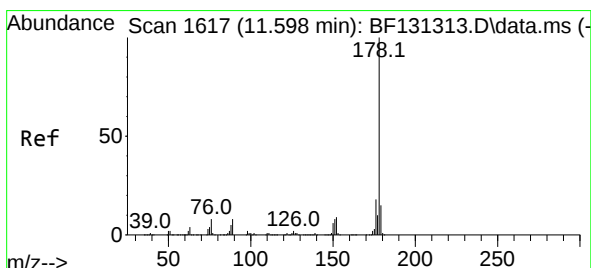
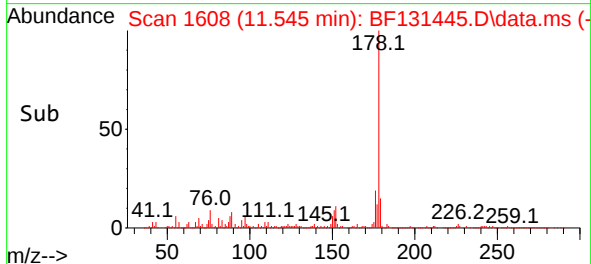
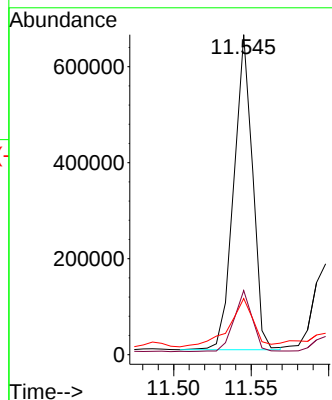
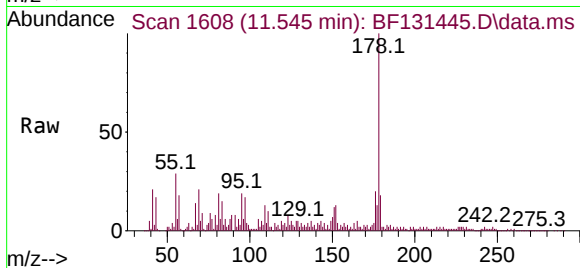
Tgt Ion:178 Resp: 553026

Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

179 17.5 12.4 18.6



#72

Anthracene

Concen: 46.769 ng

RT: 11.545 min Scan# 1608

Delta R.T. -0.041 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

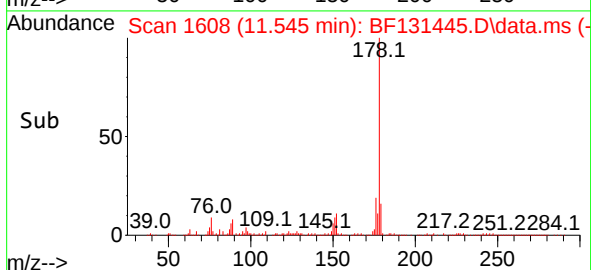
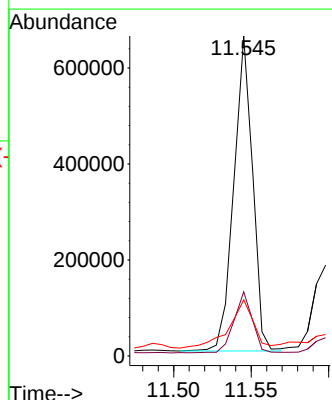
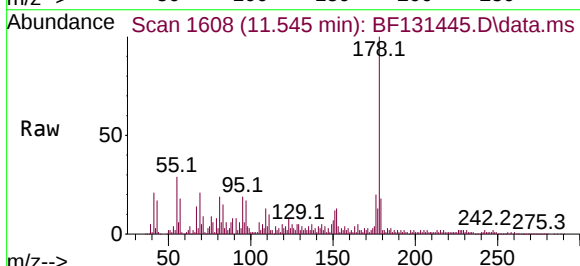
Tgt Ion:178 Resp: 553026

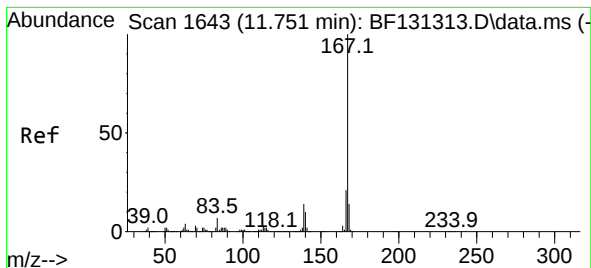
Ion Ratio Lower Upper

178 100

176 20.1 14.7 22.1

179 17.5 12.2 18.4





#73

Carbazole

Concen: 5.714 ng

RT: 11.751 min Scan# 1643

Delta R.T. 0.012 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

Instrument :

BNA_F

ClientSampleId :

B-14S

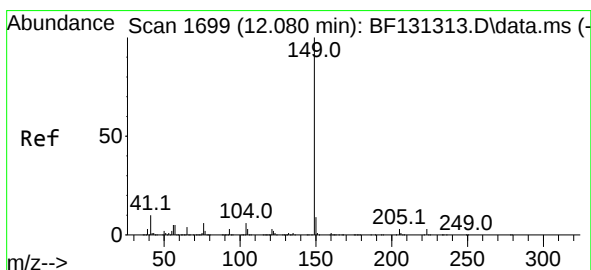
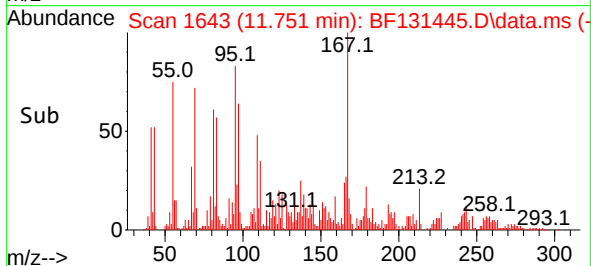
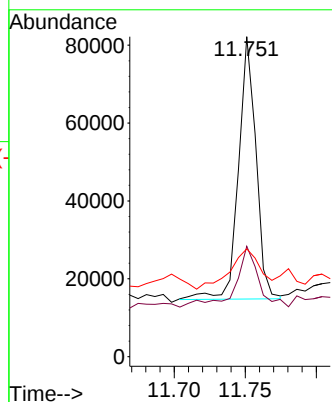
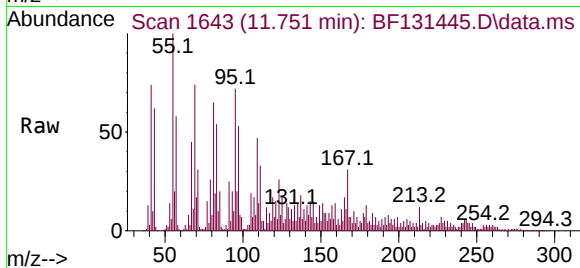
Tgt Ion:167 Resp: 57639

Ion Ratio Lower Upper

167 100

166 34.5 17.0 25.6#

139 33.7 10.8 16.2#



#74

Di-n-butylphthalate

Concen: 4.115 ng

RT: 12.080 min Scan# 1699

Delta R.T. 0.012 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

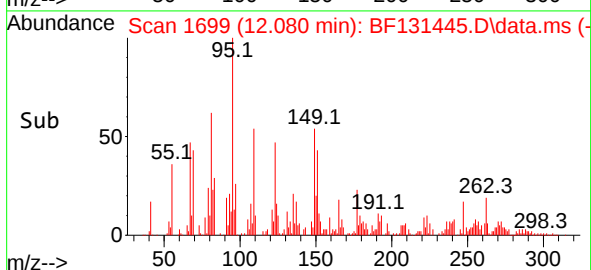
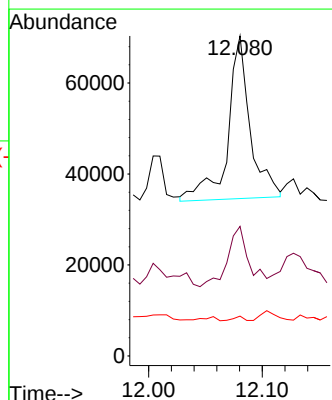
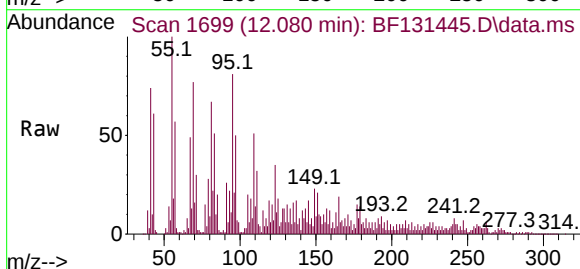
Tgt Ion:149 Resp: 48905

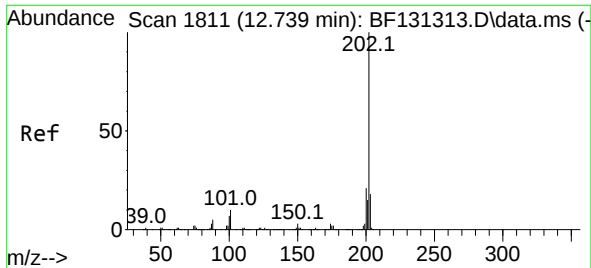
Ion Ratio Lower Upper

149 100

150 40.5 7.3 10.9#

104 12.5 4.7 7.1#

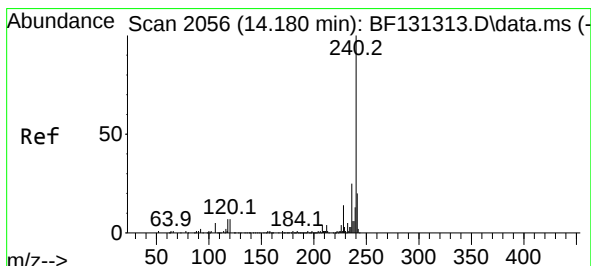
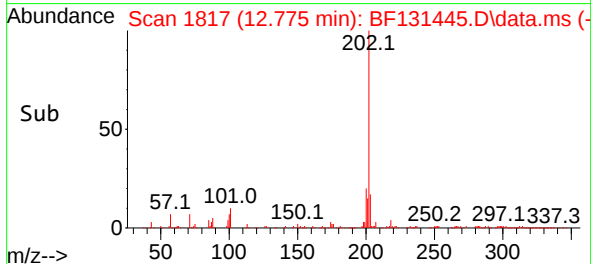
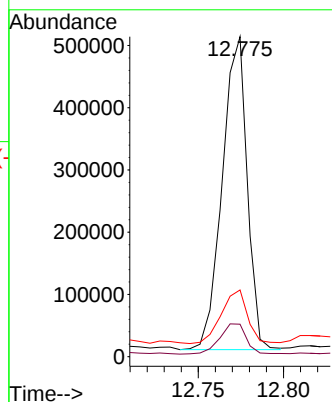
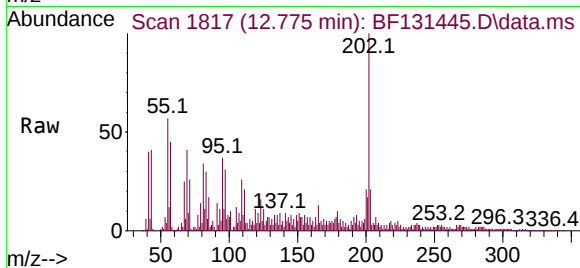




#75
Fluoranthene
Concen: 40.375 ng
RT: 12.775 min Scan# 1817
Delta R.T. 0.047 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

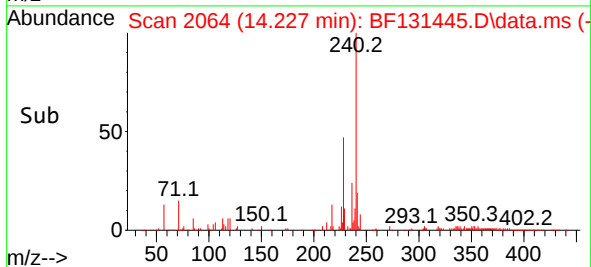
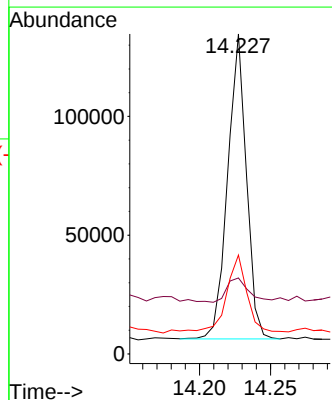
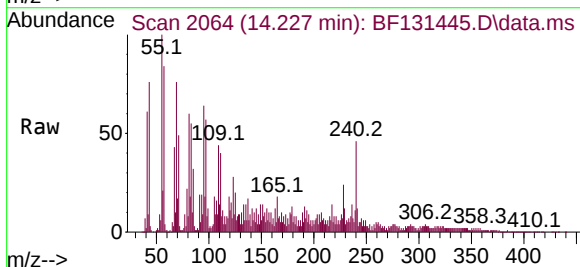
Instrument :
BNA_F
ClientSampleId :
B-14S

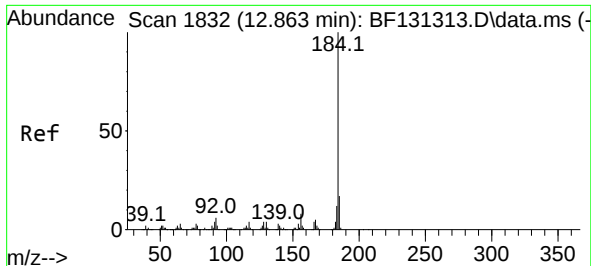
Tgt Ion:202 Resp: 511892
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.6
203 20.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.059 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

Tgt Ion:240 Resp: 117747
Ion Ratio Lower Upper
240 100
120 23.7 5.8 8.8#
236 30.9 20.3 30.5#

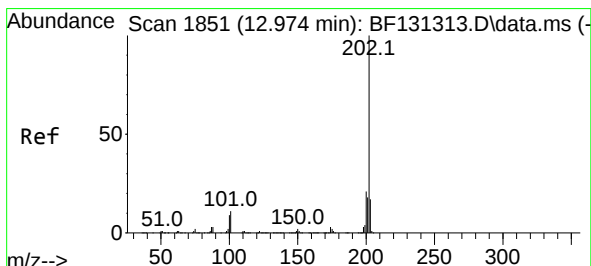
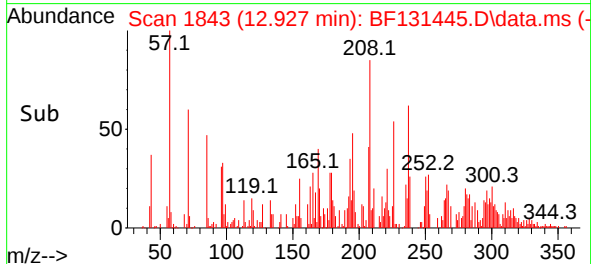
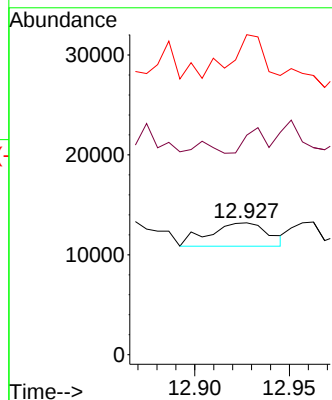
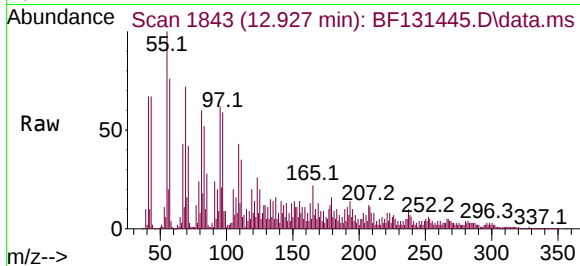




#77
Benzidine
Concen: 2.327 ng
RT: 12.927 min Scan# 1817
Delta R.T. 0.076 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

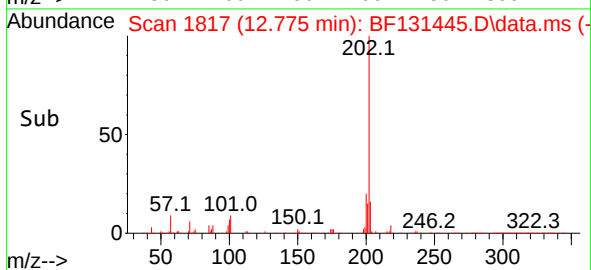
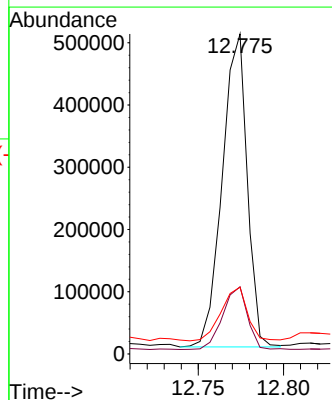
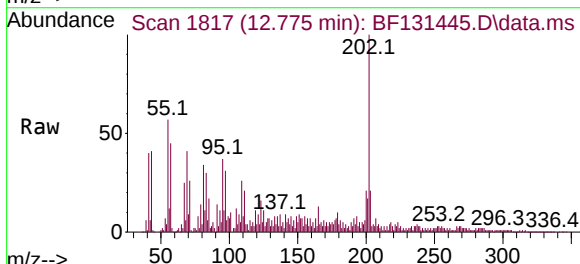
Instrument :
BNA_F
ClientSampleId :
B-14S

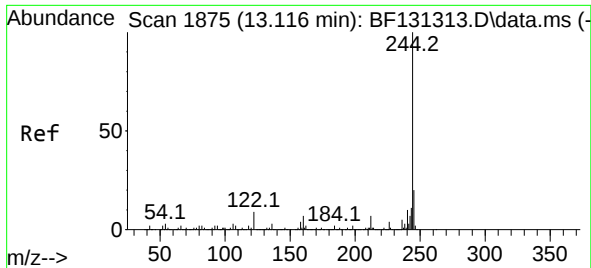
Tgt Ion:184 Resp: 5062
Ion Ratio Lower Upper
184 100
185 166.5 13.8 20.8#
183 242.8 9.6 14.4#



#78
Pyrene
Concen: 49.274 ng
RT: 12.775 min Scan# 1817
Delta R.T. -0.188 min
Lab File: BF131445.D
Acq: 28 Nov 2022 23:41

Tgt Ion:202 Resp: 511892
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 20.9 13.9 20.9

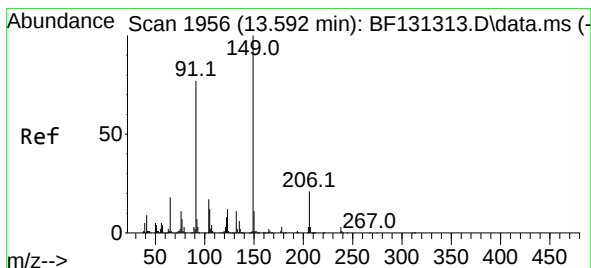
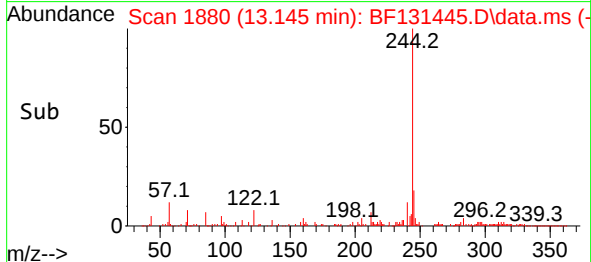
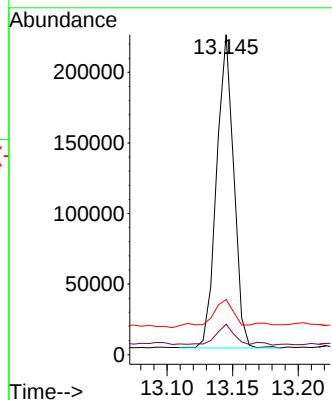
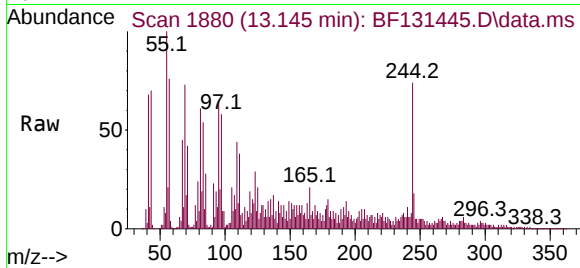




#79
 Terphenyl-d14
 Concen: 28.029 ng
 RT: 13.145 min Scan# 1880
 Delta R.T. 0.041 min
 Lab File: BF131445.D
 Acq: 28 Nov 2022 23:41

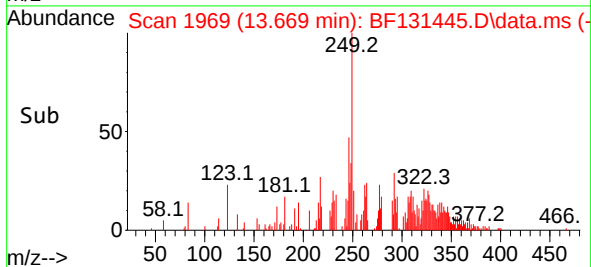
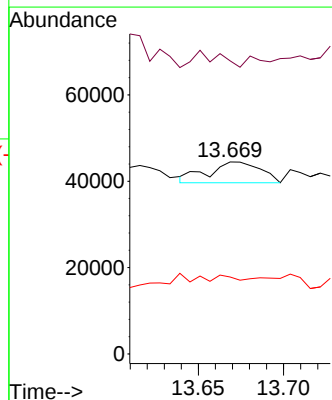
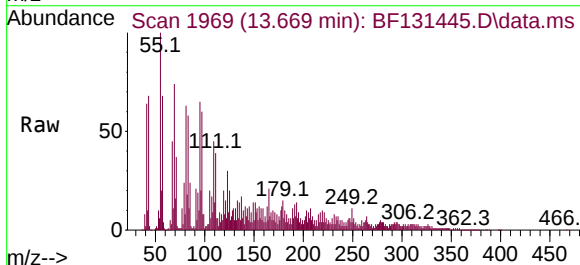
Instrument :
 BNA_F
 ClientSampleId :
 B-14S

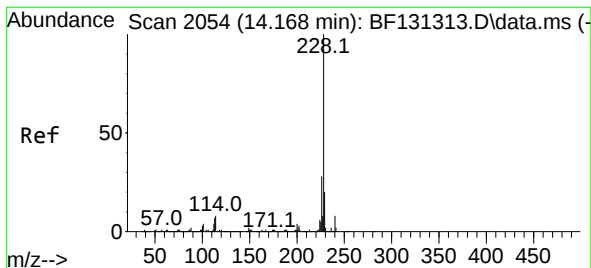
Tgt Ion:244 Resp: 201820
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.9 8.9#
 122 17.2 7.5 11.3#



#80
 Butylbenzylphthalate
 Concen: 6.841 ng
 RT: 13.669 min Scan# 1969
 Delta R.T. 0.088 min
 Lab File: BF131445.D
 Acq: 28 Nov 2022 23:41

Tgt Ion:149 Resp: 10319
 Ion Ratio Lower Upper
 149 100
 91 152.7 61.9 92.9#
 206 40.1 16.5 24.7#





#81

Benzo(a)anthracene

Concen: 30.542 ng

RT: 14.216 min Scan# 2062

Delta R.T. 0.059 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

Instrument :

BNA_F

ClientSampleId :

B-14S

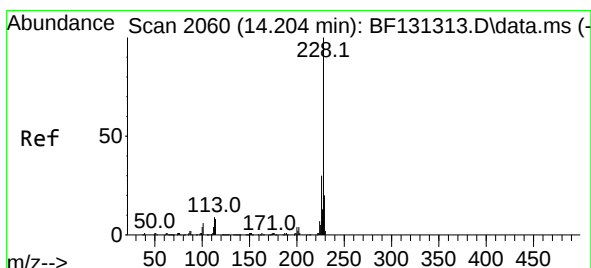
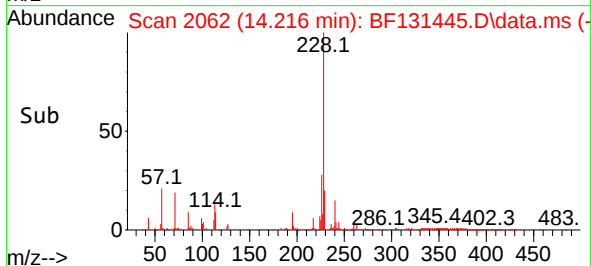
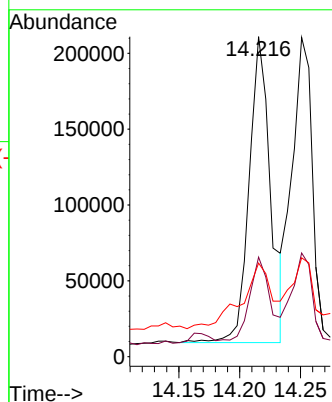
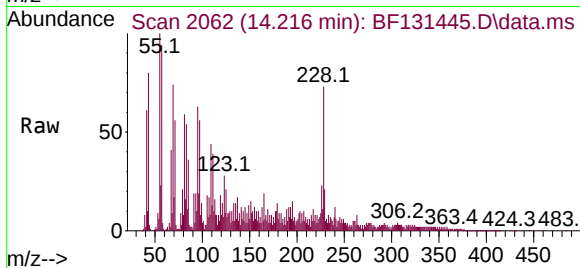
Tgt Ion:228 Resp: 246500

Ion Ratio Lower Upper

228 100

226 31.1 22.0 33.0

229 29.2 15.7 23.5#



#83

Chrysene

Concen: 29.563 ng

RT: 14.251 min Scan# 2068

Delta R.T. 0.059 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

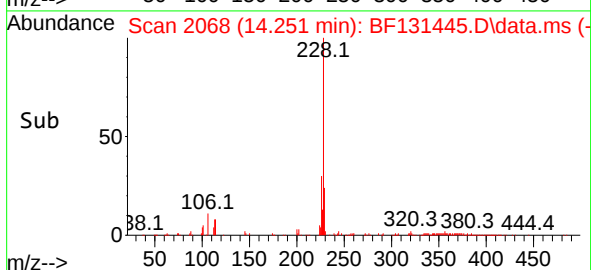
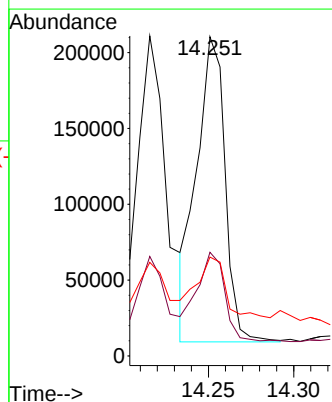
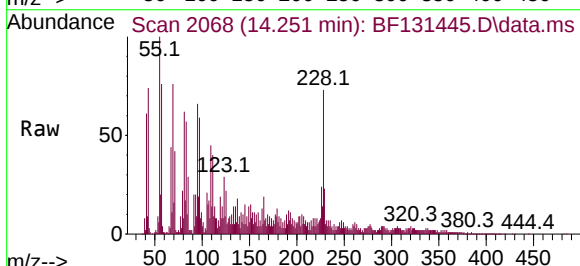
Tgt Ion:228 Resp: 234095

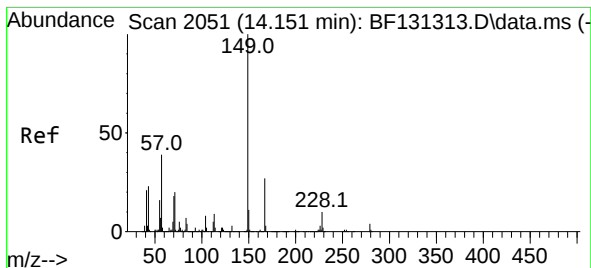
Ion Ratio Lower Upper

228 100

226 32.5 23.7 35.5

229 31.0 16.2 24.4#

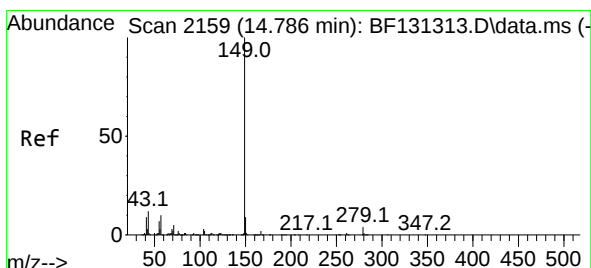
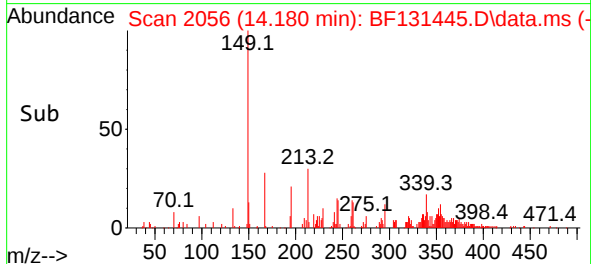
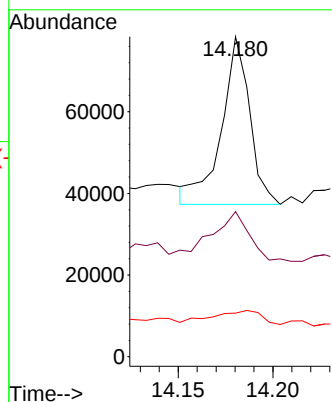
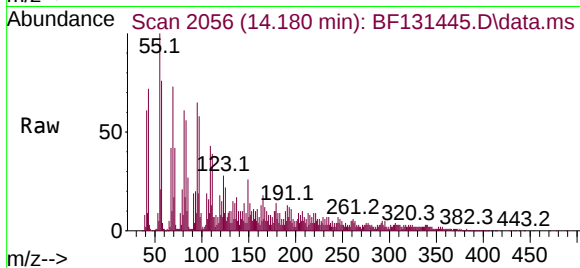




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 12.213 ng
 RT: 14.180 min Scan# 2051
 Delta R.T. 0.041 min
 Lab File: BF131445.D
 Acq: 28 Nov 2022 23:41

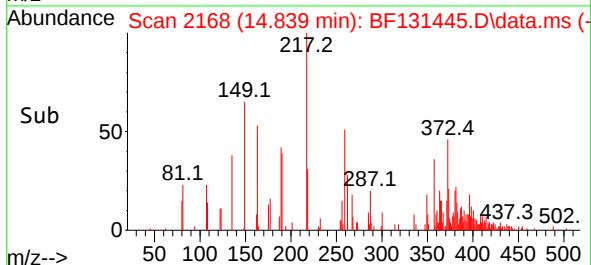
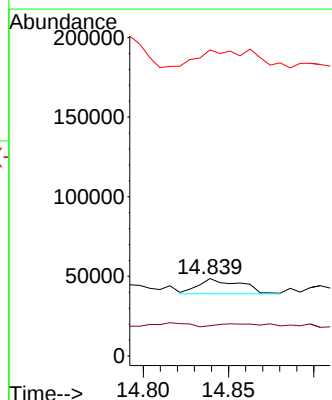
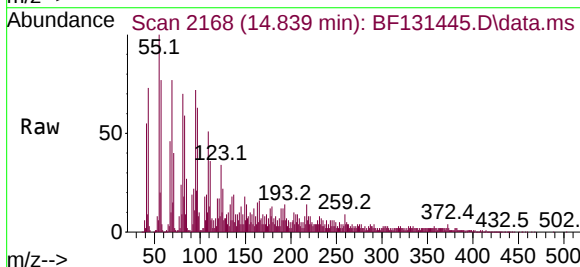
Instrument :
 BNA_F
 ClientSampleId :
 B-14S

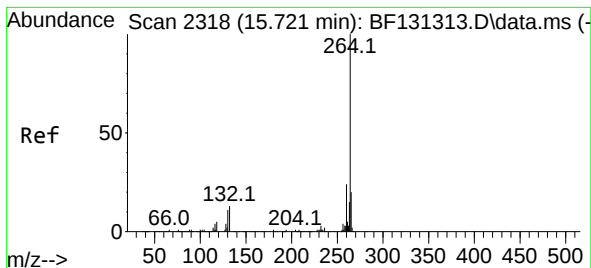
Tgt Ion:149 Resp: 42587
 Ion Ratio Lower Upper
 149 100
 167 45.4 21.9 32.9#
 279 13.6 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 6.650 ng
 RT: 14.839 min Scan# 2168
 Delta R.T. 0.076 min
 Lab File: BF131445.D
 Acq: 28 Nov 2022 23:41

Tgt Ion:149 Resp: 16034
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 10.7 16.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

Instrument :

BNA_F

ClientSampleId :

B-14S

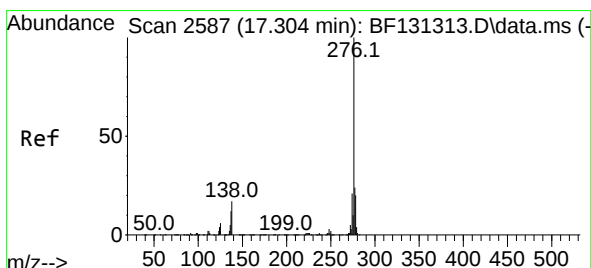
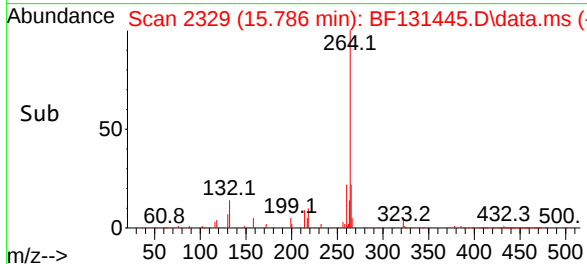
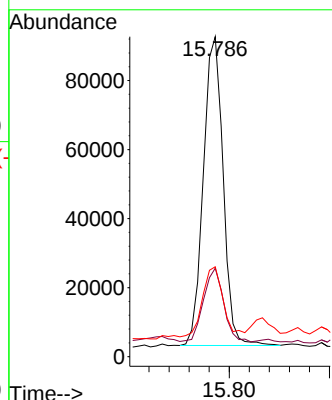
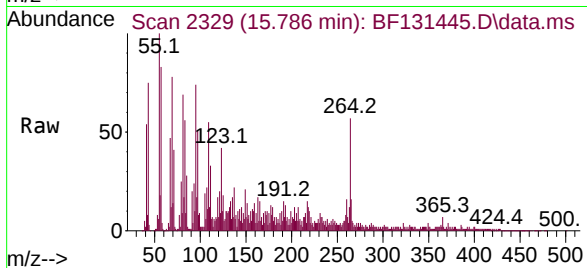
Tgt Ion:264 Resp: 122745

Ion Ratio Lower Upper

264 100

260 27.7 19.0 28.4

265 28.1 16.4 24.6#



#87

Indeno(1,2,3-cd)pyrene

Concen: 22.431 ng

RT: 17.357 min Scan# 2596

Delta R.T. 0.082 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

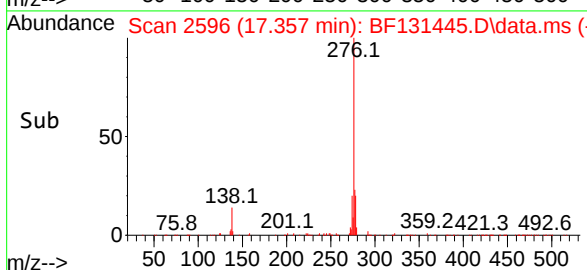
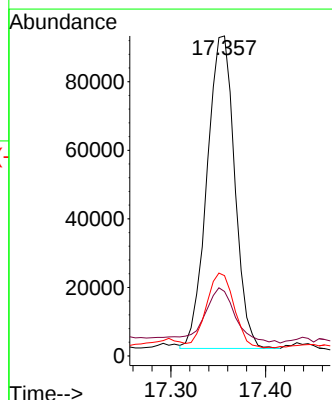
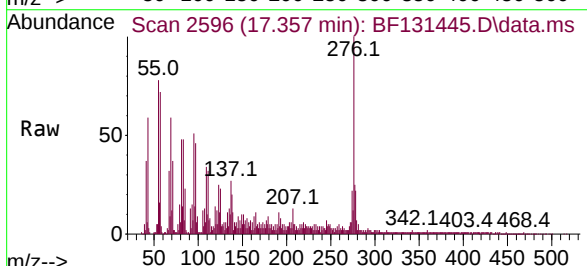
Tgt Ion:276 Resp: 184924

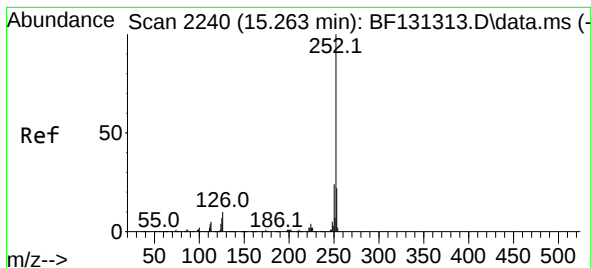
Ion Ratio Lower Upper

276 100

138 19.3 15.8 23.6

277 24.0 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 55.401 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.076 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

Instrument :

BNA_F

ClientSampleId :

B-14S

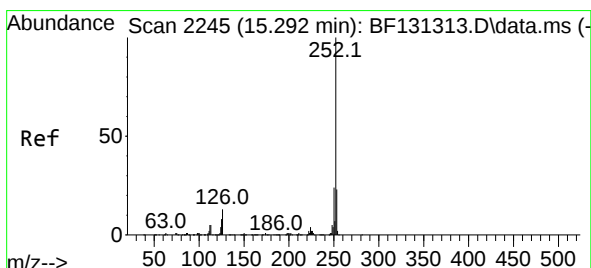
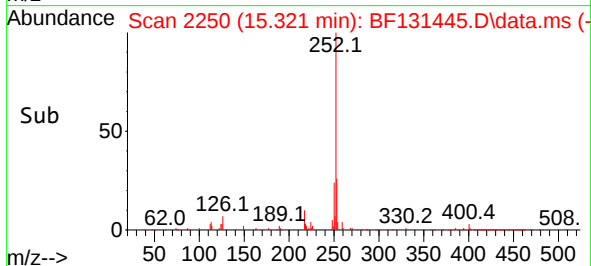
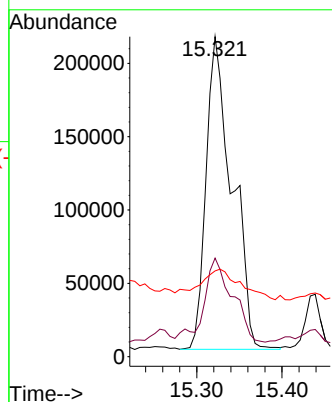
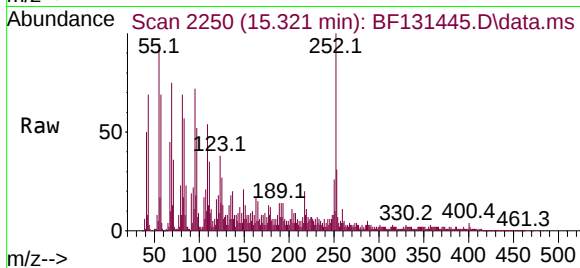
Tgt Ion:252 Resp: 451752

Ion Ratio Lower Upper

252 100

253 30.8 17.5 26.3#

125 26.8 5.8 8.6#



#89

Benzo(k)fluoranthene

Concen: 53.910 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.041 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

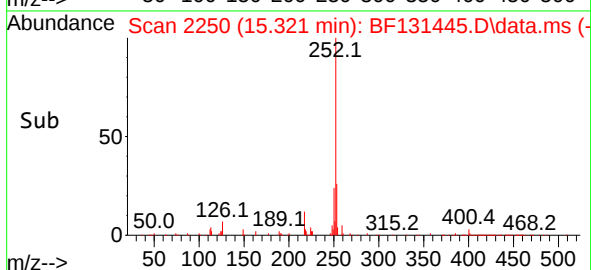
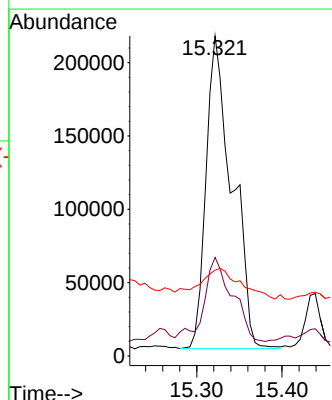
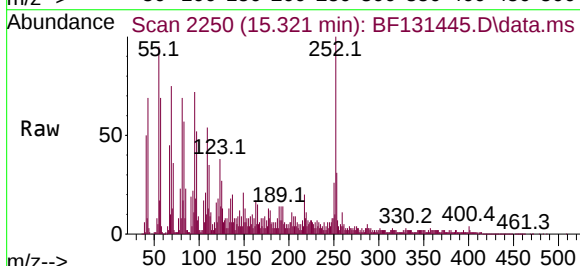
Tgt Ion:252 Resp: 451752

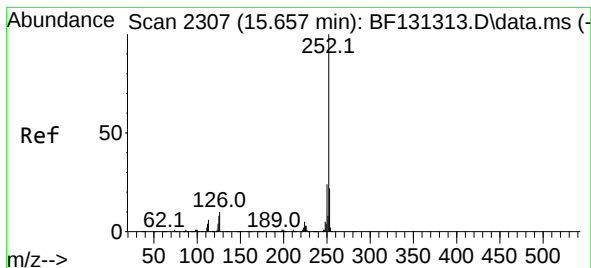
Ion Ratio Lower Upper

252 100

253 30.8 17.9 26.9#

125 26.8 6.6 10.0#





#90

Benzo(a)pyrene

Concen: 34.157 ng

RT: 15.715 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

Instrument :

BNA_F

ClientSampleId :

B-14S

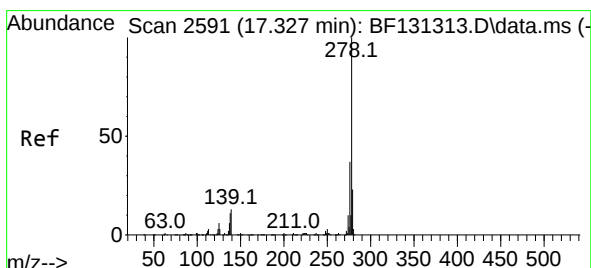
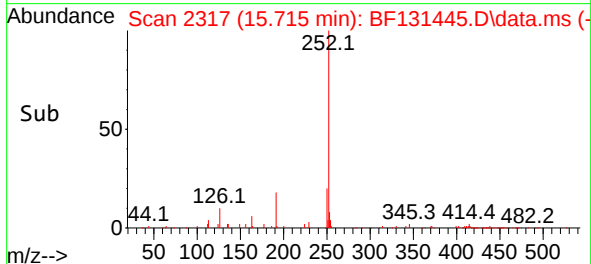
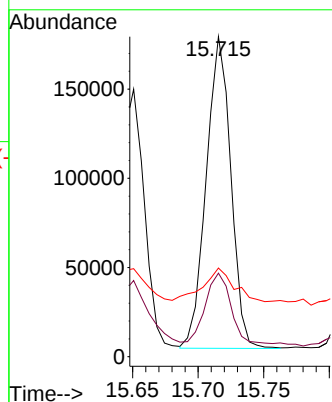
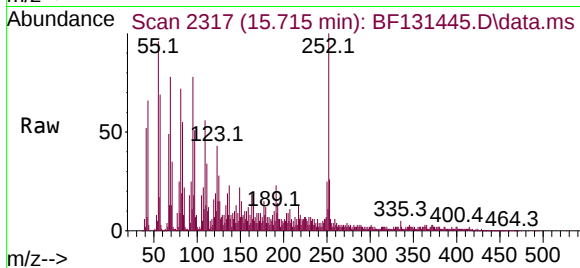
Tgt Ion:252 Resp: 228537

Ion Ratio Lower Upper

252 100

253 26.1 17.5 26.3

125 27.7 6.1 9.1#



#91

Dibenzo(a,h)anthracene

Concen: 6.813 ng

RT: 17.368 min Scan# 2598

Delta R.T. 0.071 min

Lab File: BF131445.D

Acq: 28 Nov 2022 23:41

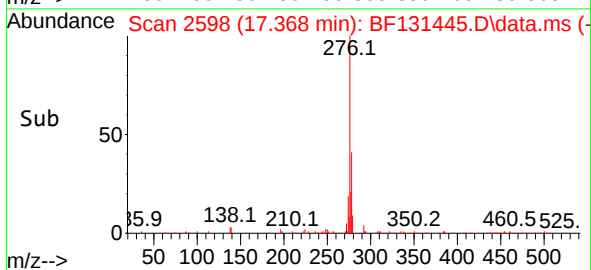
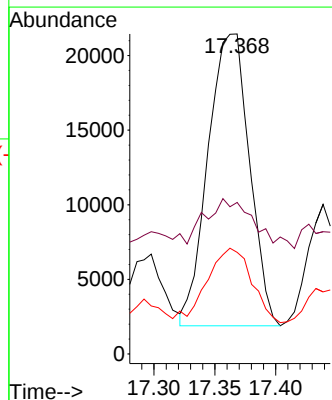
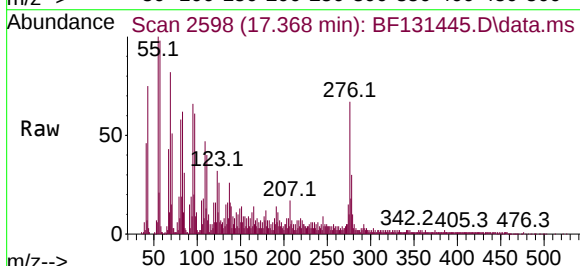
Tgt Ion:278 Resp: 46372

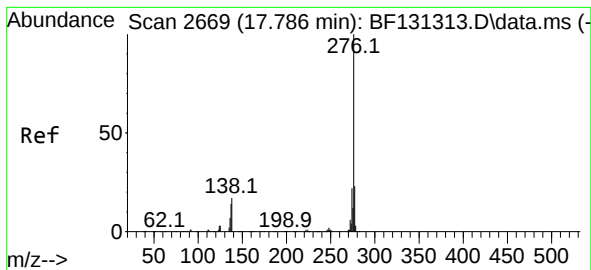
Ion Ratio Lower Upper

278 100

139 47.3 10.4 15.6#

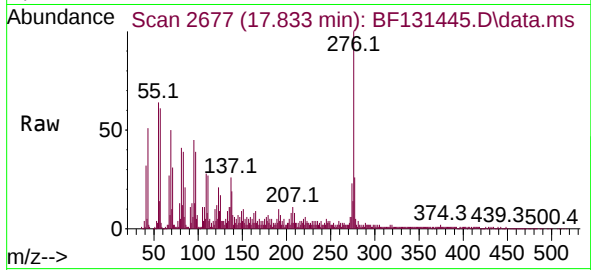
279 31.8 18.3 27.5#





#92
 Benzo(g,h,i)perylene
 Concen: 30.169 ng
 RT: 17.833 min Scan# 20
 Delta R.T. 0.076 min
 Lab File: BF131445.D
 Acq: 28 Nov 2022 23:41

Instrument :
 BNA_F
 ClientSampleId :
 B-14S



Tgt Ion:	276	Resp:	204946
Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.3	27.5
138	19.2	13.8	20.6

