

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF134014.D
 Acq On : 28 Jun 2023 05:21
 Operator : CG\JU
 Sample : 03361-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-21-23

Quant Time: Jun 28 06:01:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

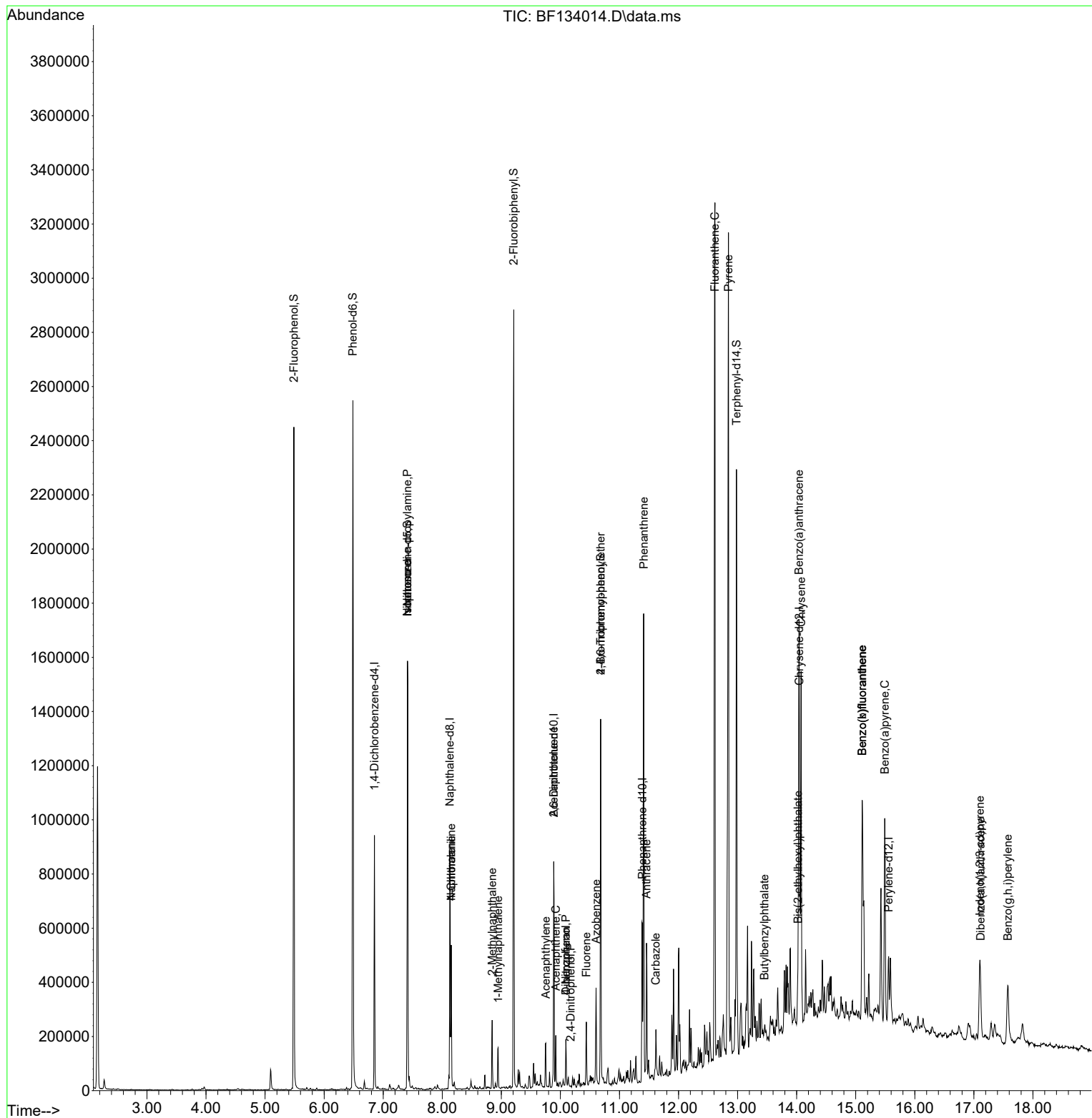
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	120146	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	367307	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	159881	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	237661	20.000	ng	0.00
76) Chrysene-d12	14.045	240	141625	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	115525	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	605141	84.253	ng	0.00
7) Phenol-d6	6.487	99	808912	91.578	ng	0.00
23) Nitrobenzene-d5	7.410	82	500584	73.465	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	142255	70.965	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	852738	77.545	ng	0.00
79) Terphenyl-d14	12.980	244	717264	81.510	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	534	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	70353	12.559	ng	# 78
25) Isophorone	7.410	82	500579	40.422	ng	# 64
31) Naphthalene	8.151	128	189569	10.685	ng	99
33) 4-Chloroaniline	8.151	127	24570	3.237	ng	# 36
37) 2-Methylnaphthalene	8.845	142	61285	4.885	ng	100
38) 1-Methylnaphthalene	8.945	142	40312	3.456	ng	94
49) Acenaphthylene	9.751	152	67106	4.186	ng	97
51) 2,6-Dinitrotoluene	9.886	165	22277	8.912	ng	# 24
52) Acenaphthene	9.922	154	33578	3.610	ng	98
54) 2,4-Dinitrophenol	10.175	184	59	3.903	ng	# 15
55) Dibenzofuran	10.092	168	53750	3.698	ng	98
56) 4-Nitrophenol	10.092	139	20531	9.788	ng	# 5
58) Fluorene	10.439	166	64561	5.709	ng	95
63) Azobenzene	10.604	77	52762	4.613	ng	# 1
67) 4-Bromophenyl-phenylether	10.681	248	8594	3.402	ng	# 1
71) Phenanthrene	11.410	178	595118	49.741	ng	99
72) Anthracene	11.457	178	201059	16.157	ng	99
73) Carbazole	11.616	167	61680	5.415	ng	99
75) Fluoranthene	12.616	202	1468955	113.569	ng	98
78) Pyrene	12.845	202	1369428	103.901	ng	100
80) Butylbenzylphthalate	13.457	149	10785	2.182	ng	# 86
81) Benzo(a)anthracene	14.039	228	557376	56.748	ng	98
83) Chrysene	14.074	228	495327	52.067	ng	97
84) Bis(2-ethylhexyl)phtha...	14.022	149	17361	3.057	ng	96
87) Indeno(1,2,3-cd)pyrene	17.104	276	226442	28.248	ng	# 95
88) Benzo(b)fluoranthene	15.110	252	666391	98.100	ng	98
89) Benzo(k)fluoranthene	15.110	252	666391	96.351	ng	98
90) Benzo(a)pyrene	15.492	252	376125	57.260	ng	97
91) Dibenzo(a,h)anthracene	17.115	278	51631	7.885	ng	96
92) Benzo(g,h,i)perylene	17.574	276	220445	32.648	ng	98

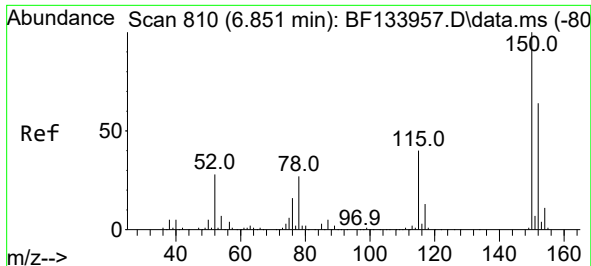
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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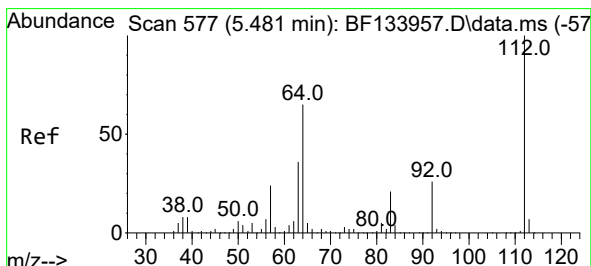
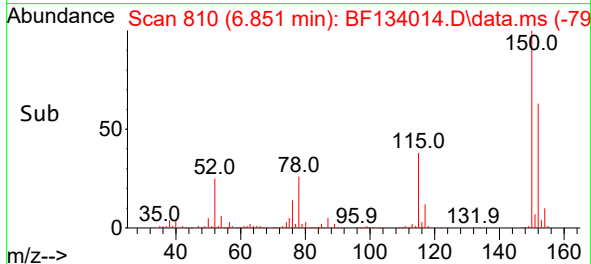
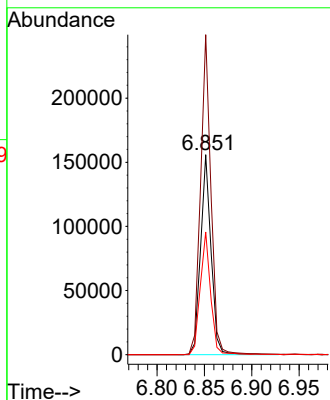
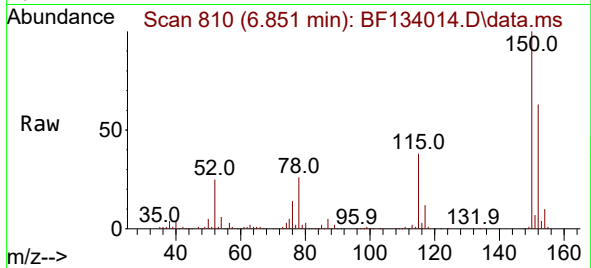




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

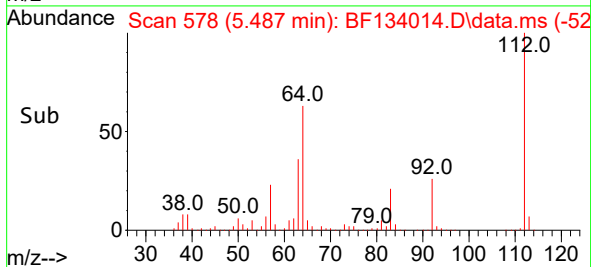
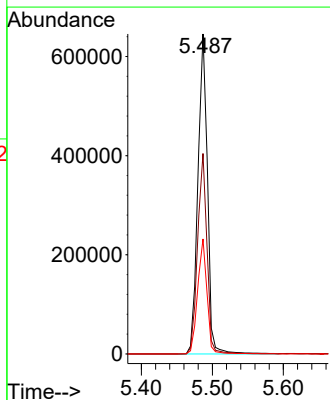
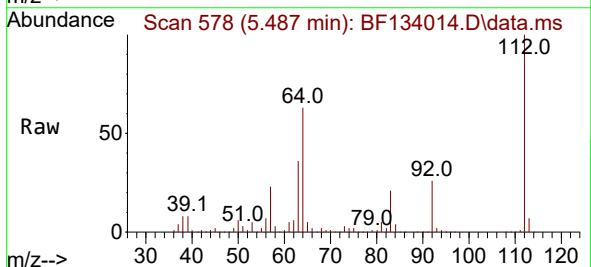
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BNA_F
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COMPOSIT-SB-21-23

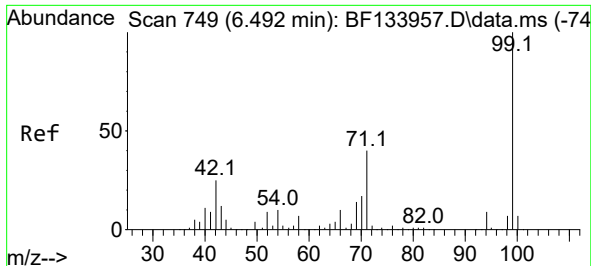
Tgt Ion:152 Resp: 120146
Ion Ratio Lower Upper
152 100
150 160.0 124.5 186.7
115 61.4 50.2 75.2



#5
2-Fluorophenol
Concen: 84.253 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

Tgt Ion:112 Resp: 605141
Ion Ratio Lower Upper
112 100
64 62.6 52.1 78.1
63 36.0 28.6 42.8

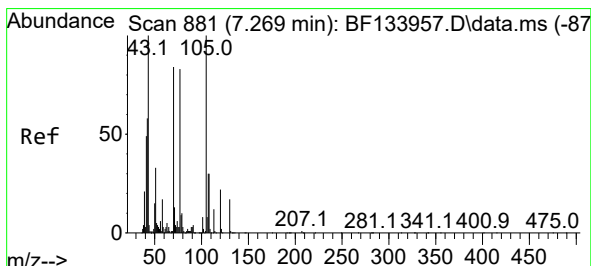
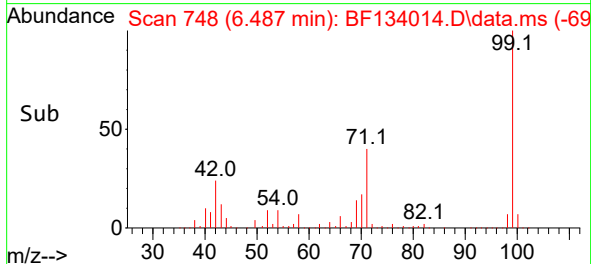
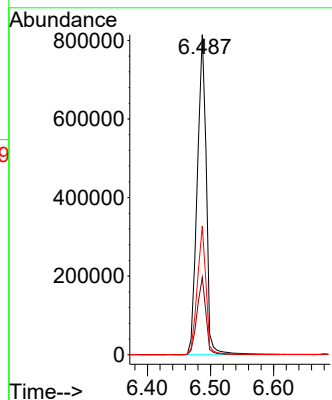
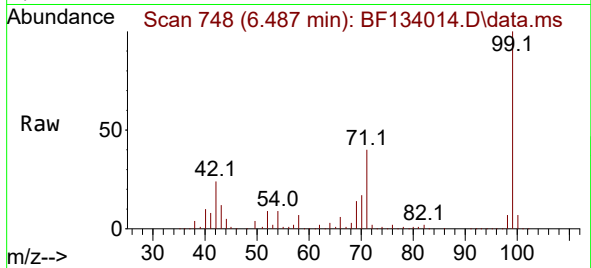




#7
Phenol-d6
Concen: 91.578 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

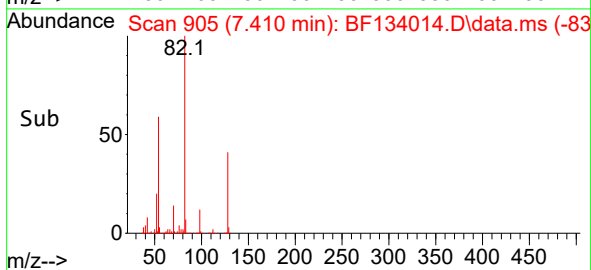
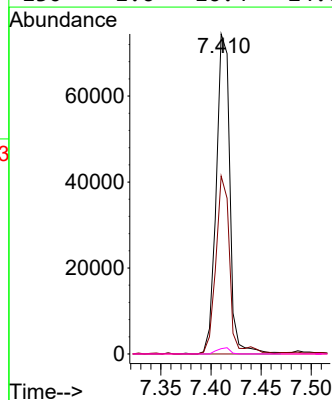
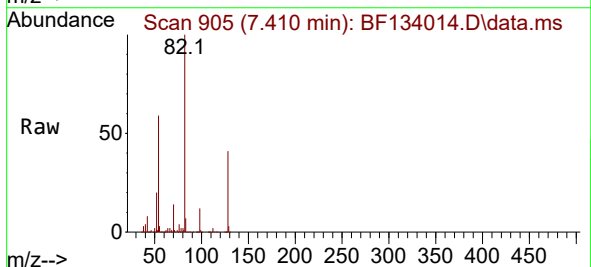
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23

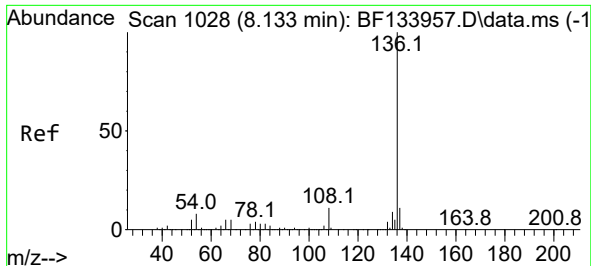
Tgt Ion: 99 Resp: 808912
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 40.2 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.559 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

Tgt Ion: 70 Resp: 70353
Ion Ratio Lower Upper
70 100
42 55.6 54.7 82.1
101 0.0 7.7 11.5#
130 1.6 16.4 24.6#

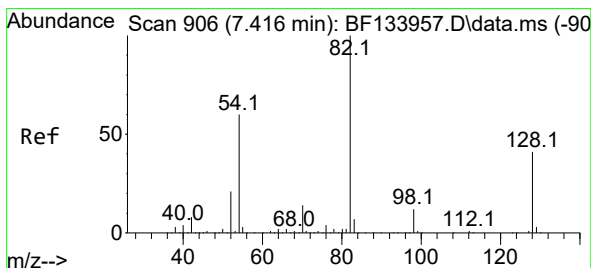
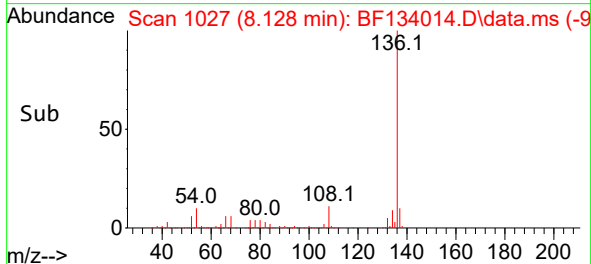
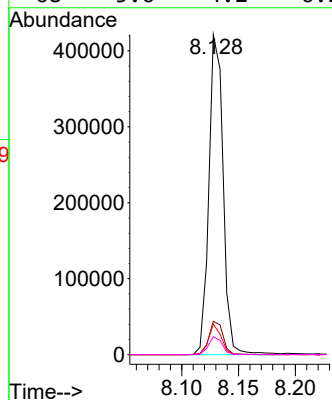
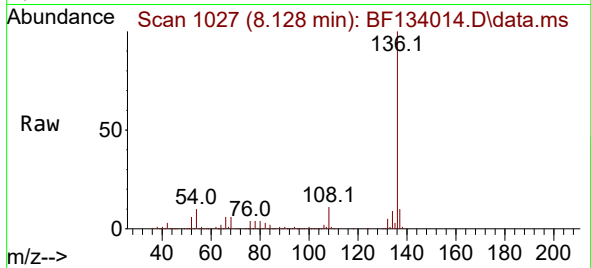




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

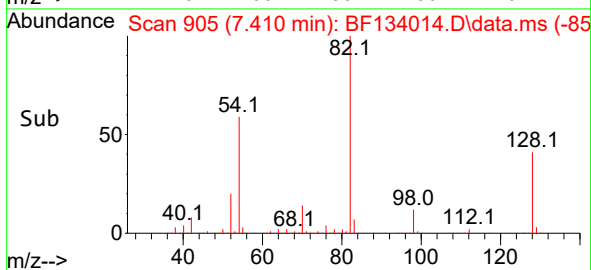
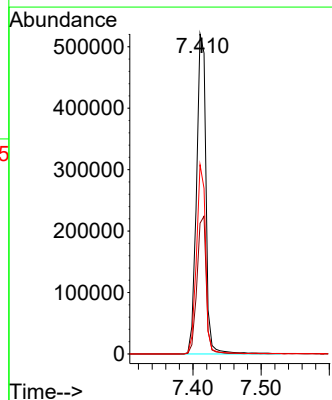
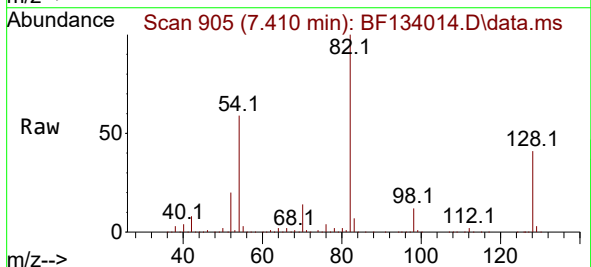
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23

Tgt Ion:136 Resp: 367307
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.6 6.5 9.7
68 5.6 4.2 6.2



#23
Nitrobenzene-d5
Concen: 73.465 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

Tgt Ion: 82 Resp: 500584
Ion Ratio Lower Upper
82 100
128 40.9 32.5 48.7
54 59.2 48.2 72.2

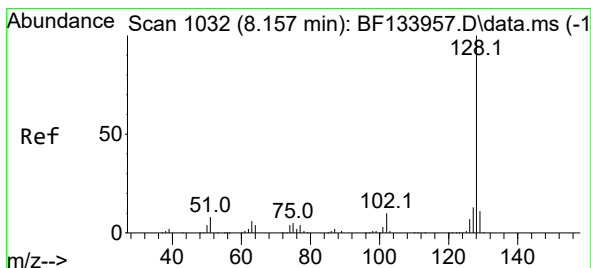
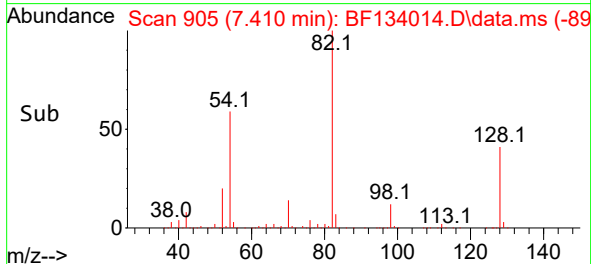
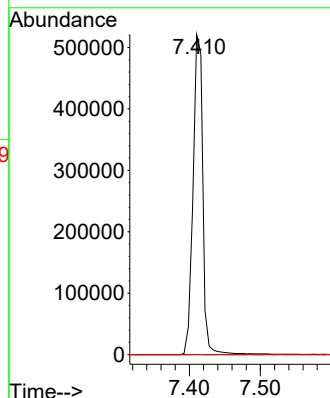
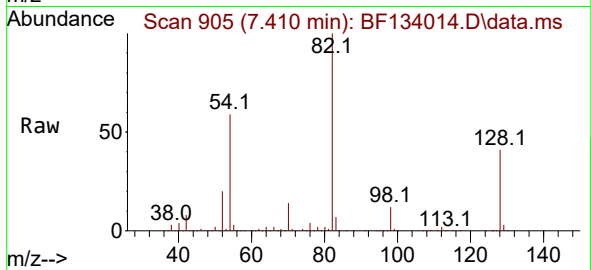




#25
Isophorone
Concen: 40.422 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

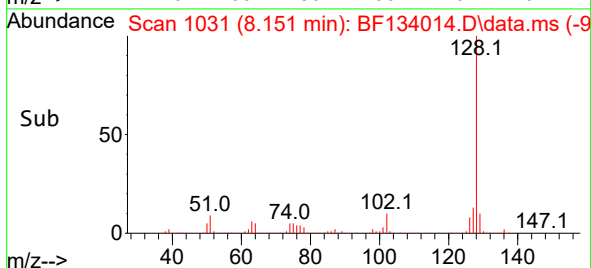
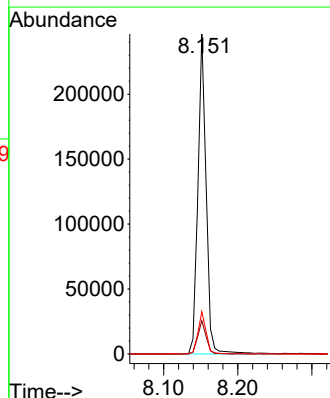
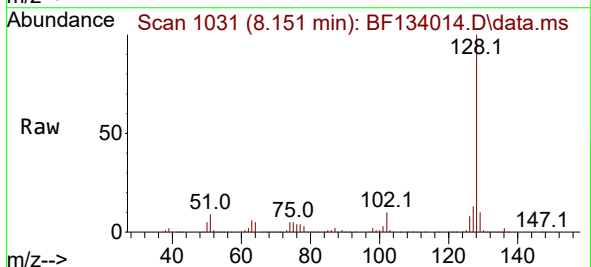
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ClientSampleId :
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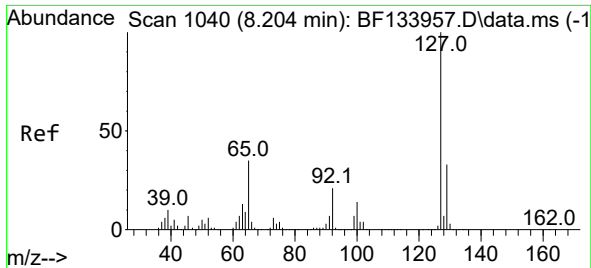
Tgt Ion: 82 Resp: 500579
Ion Ratio Lower Upper
82 100
95 0.1 6.1 9.1#
138 0.0 15.2 22.8#



#31
Naphthalene
Concen: 10.685 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

Tgt Ion:128 Resp: 189569
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.2 10.6 15.8

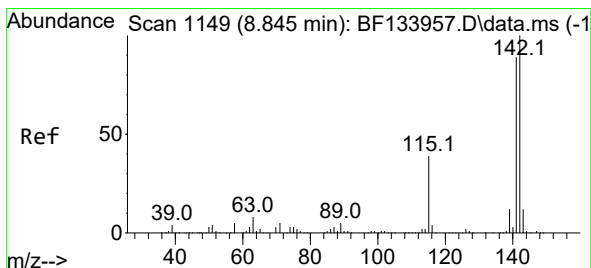
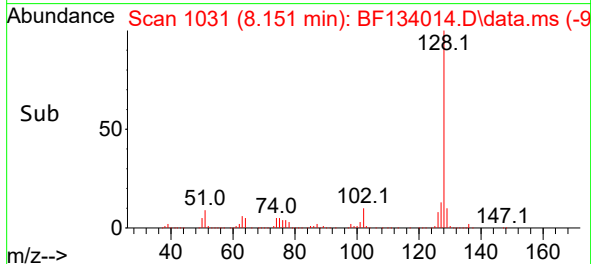
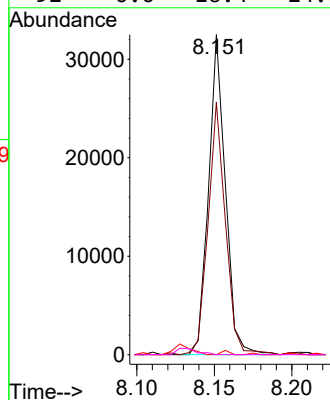
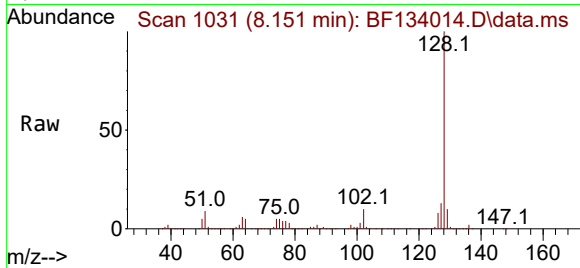




#33
4-Chloroaniline
Concen: 3.237 ng
RT: 8.151 min Scan# 1040
Delta R.T. -0.053 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

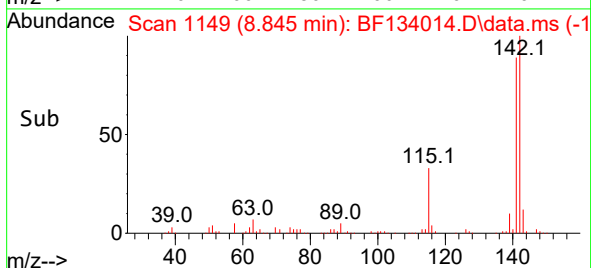
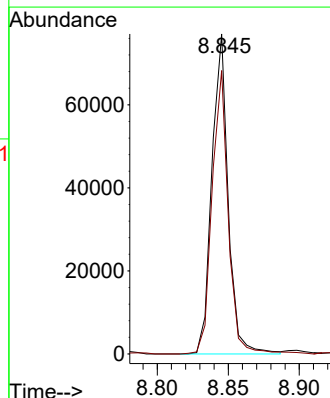
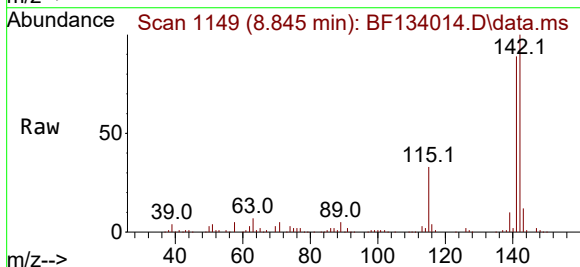
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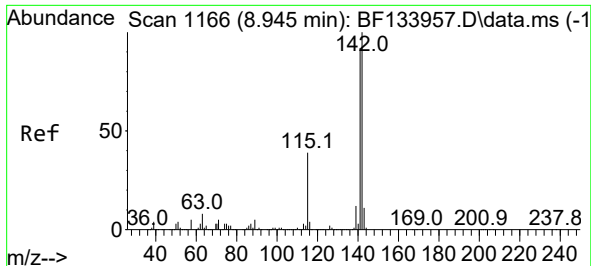
Tgt Ion:127	Resp:	24570
Ion Ratio	Lower	Upper
127	100	
129	78.9	26.4 39.6#
65	0.0	27.8 41.8#
92	0.0	16.4 24.6#



#37
2-Methylnaphthalene
Concen: 4.885 ng
RT: 8.845 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

Tgt Ion:142	Resp:	61285
Ion Ratio	Lower	Upper
142	100	
141	88.5	71.0 106.4

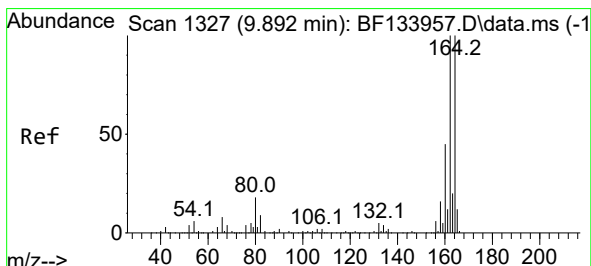
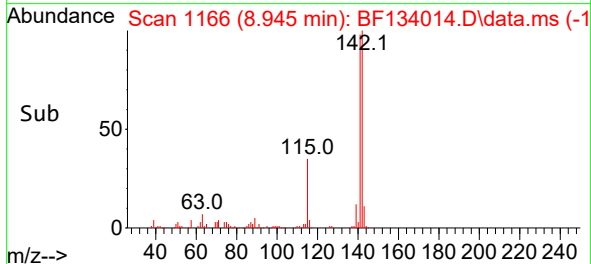
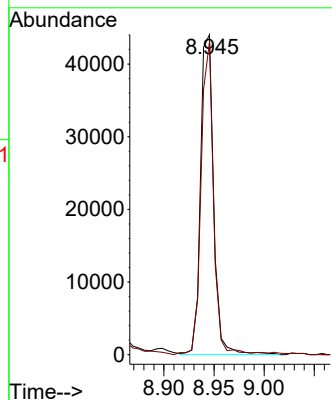
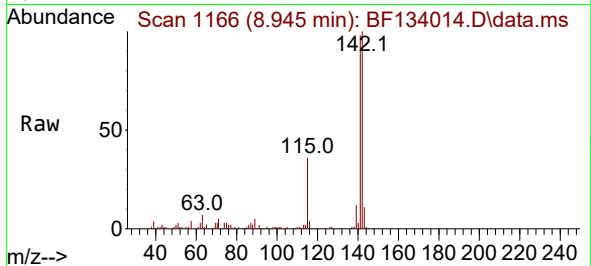




#38
1-Methylnaphthalene
Concen: 3.456 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

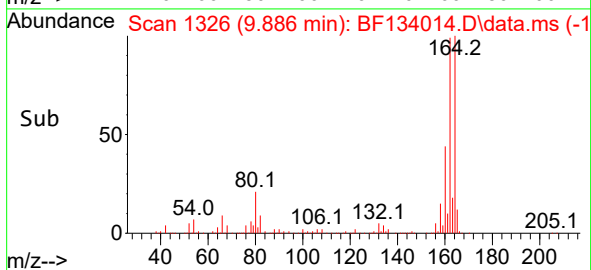
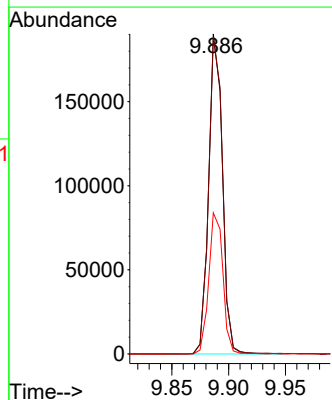
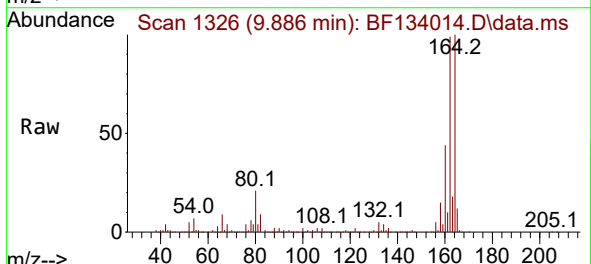
Instrument :
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COMPOSIT-SB-21-23

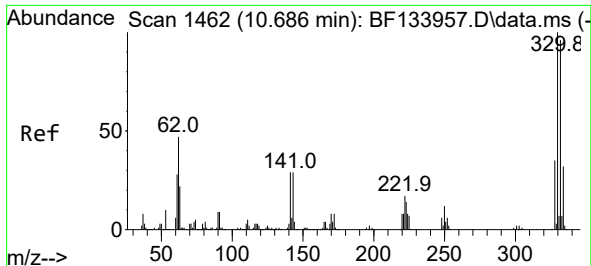
Tgt Ion:142 Resp: 40312
Ion Ratio Lower Upper
142 100
141 97.8 73.5 110.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

Tgt Ion:164 Resp: 159881
Ion Ratio Lower Upper
164 100
162 98.9 80.0 120.0
160 44.1 35.9 53.9

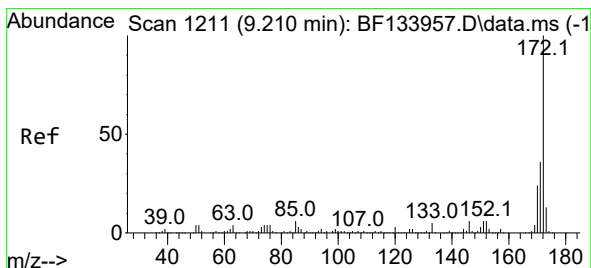
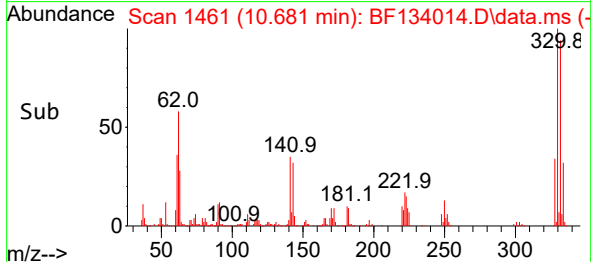
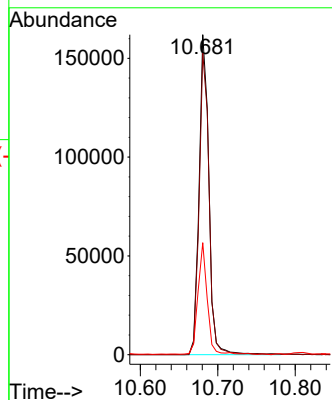
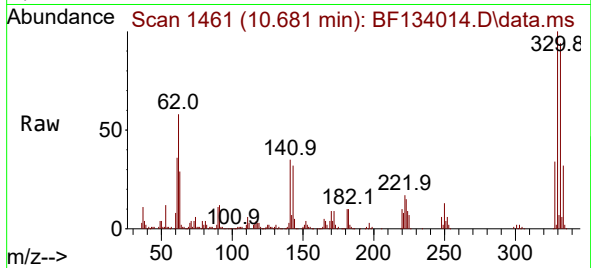




#42
2,4,6-Tribromophenol
Concen: 70.965 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

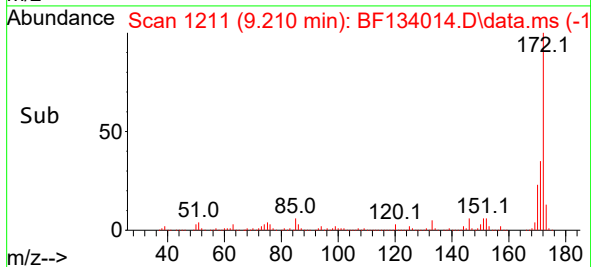
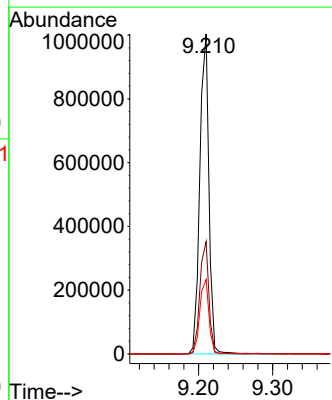
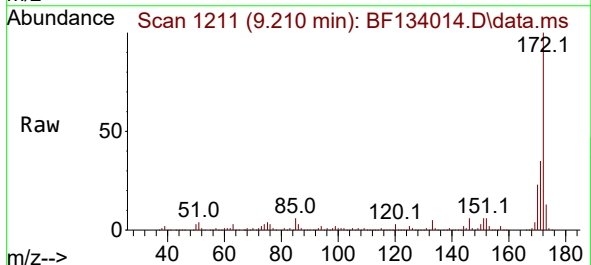
Instrument :
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ClientSampleId :
COMPOSIT-SB-21-23

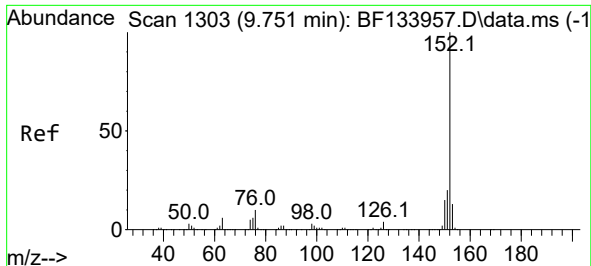
Tgt Ion: 330 Resp: 142255
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 32.8 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 77.545 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

Tgt Ion: 172 Resp: 852738
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.3 19.4 29.0

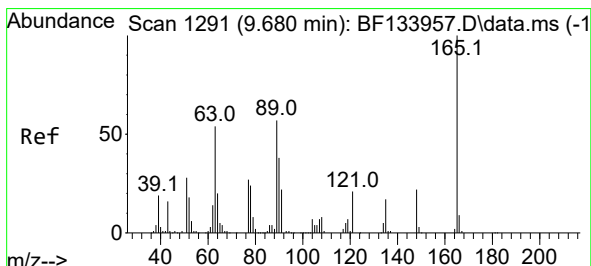
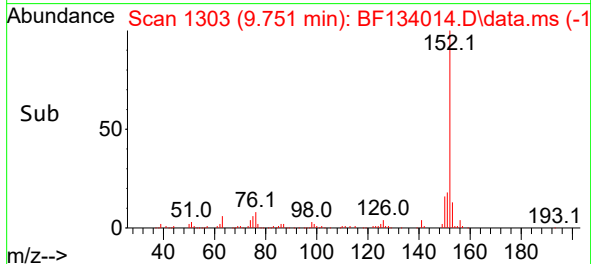
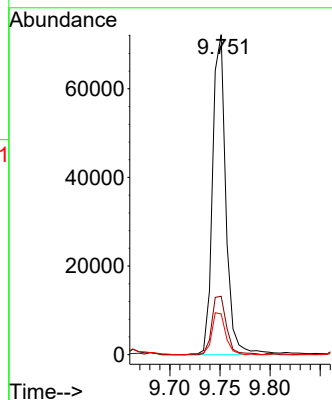
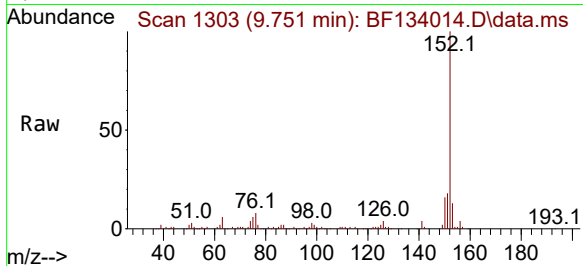




#49
Acenaphthylene
Concen: 4.186 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

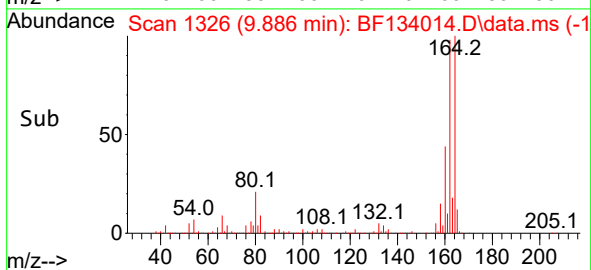
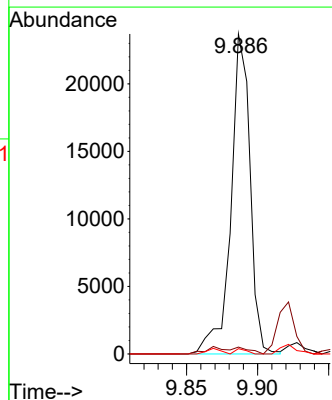
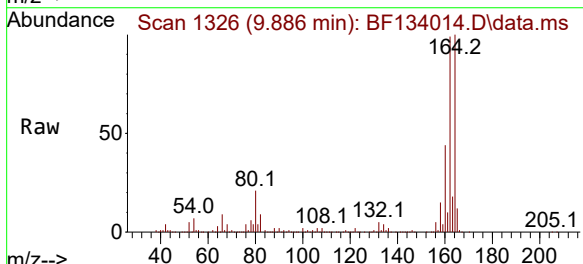
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23

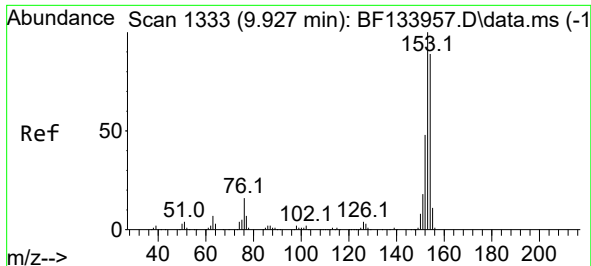
Tgt Ion:152 Resp: 67106
Ion Ratio Lower Upper
152 100
151 18.3 16.2 24.2
153 12.7 10.8 16.2



#51
2,6-Dinitrotoluene
Concen: 8.912 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.206 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

Tgt Ion:165 Resp: 22277
Ion Ratio Lower Upper
165 100
63 2.1 48.5 72.7#
89 1.6 45.5 68.3#

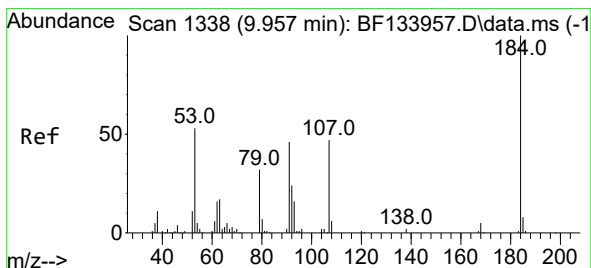
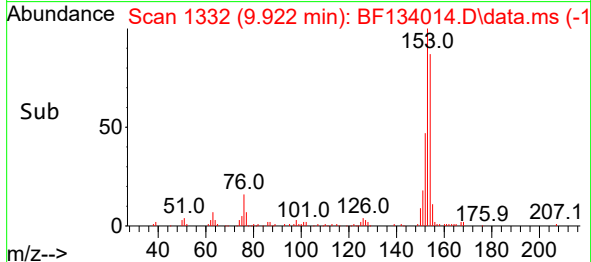
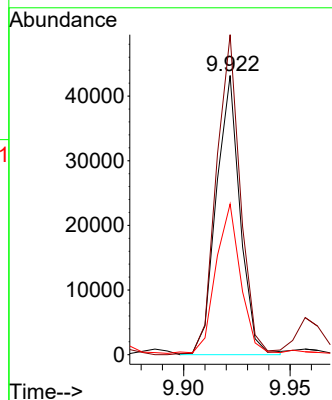
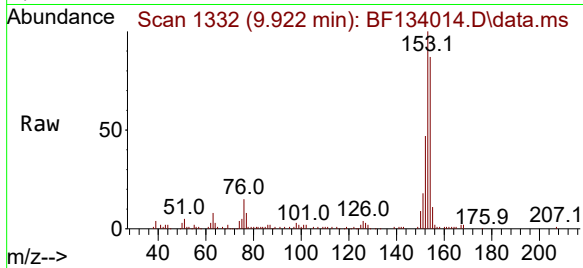




#52
Acenaphthene
Concen: 3.610 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

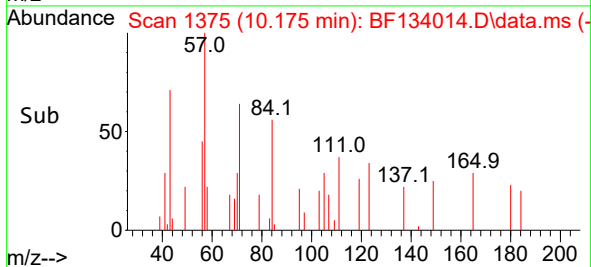
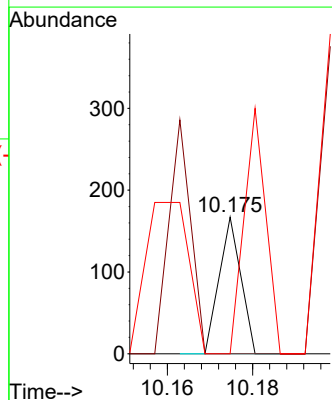
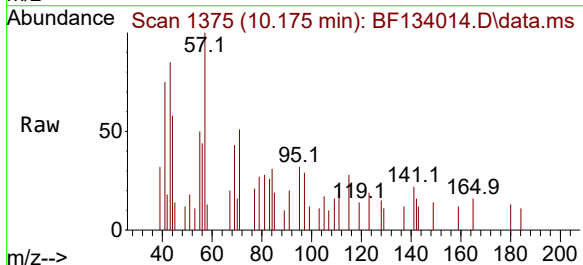
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23

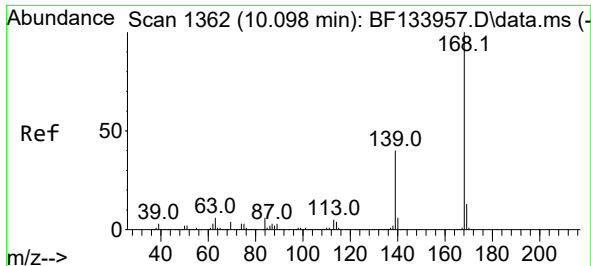
Tgt Ion:154 Resp: 33578
Ion Ratio Lower Upper
154 100
153 114.6 89.4 134.2
152 54.0 42.8 64.2



#54
2,4-Dinitrophenol
Concen: 3.903 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.218 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 56.9 85.3#
154 0.0 55.4 83.0#

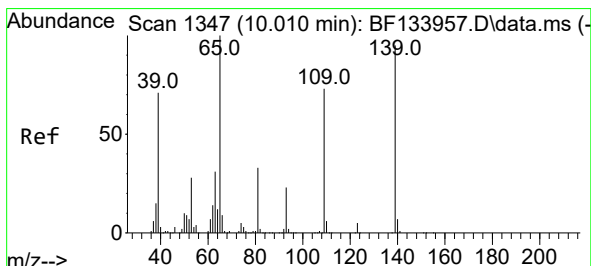
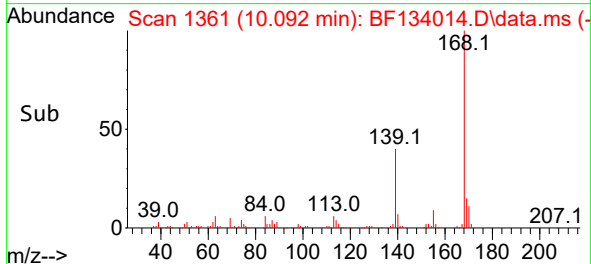
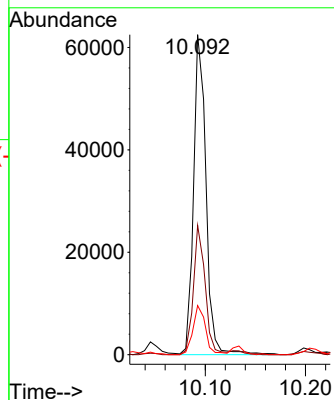
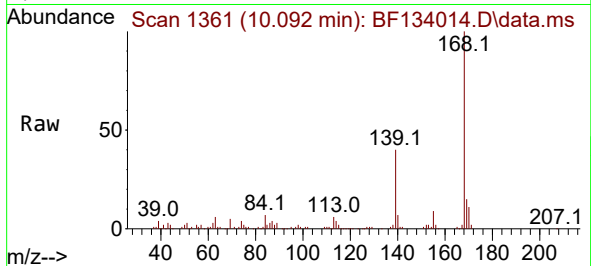




#55
Dibenzenofuran
Concen: 3.698 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

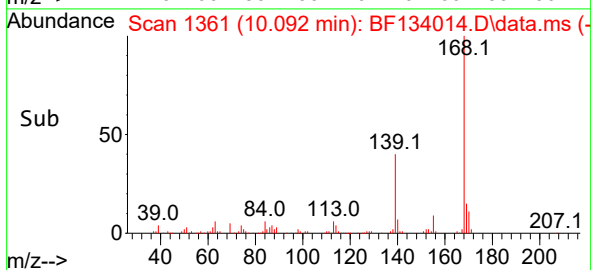
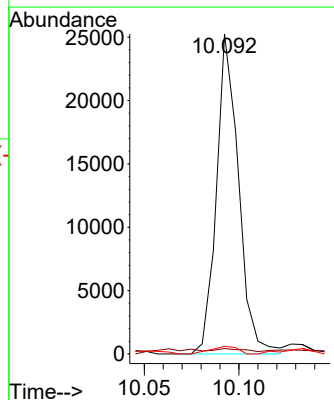
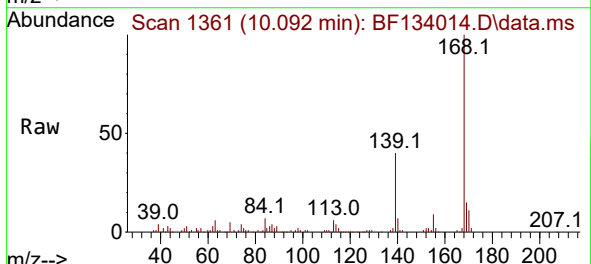
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23

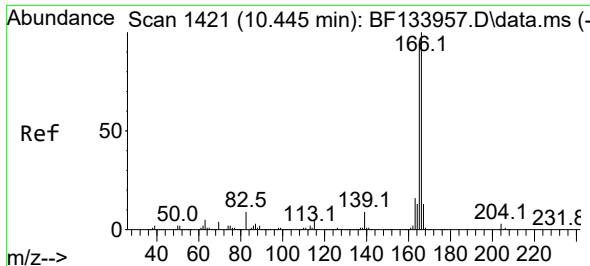
Tgt Ion:168 Resp: 53750
Ion Ratio Lower Upper
168 100
139 40.4 32.0 48.0
169 15.4 10.6 16.0



#56
4-Nitrophenol
Concen: 9.788 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.083 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

Tgt Ion:139 Resp: 20531
Ion Ratio Lower Upper
139 100
109 1.7 56.8 96.8#
65 2.4 86.1 126.1#

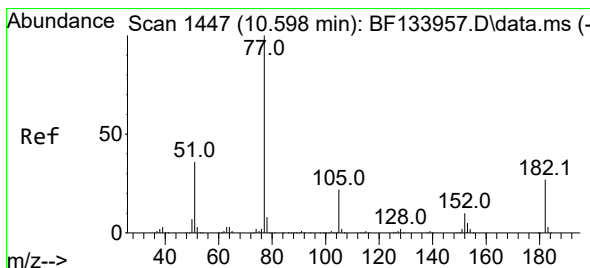
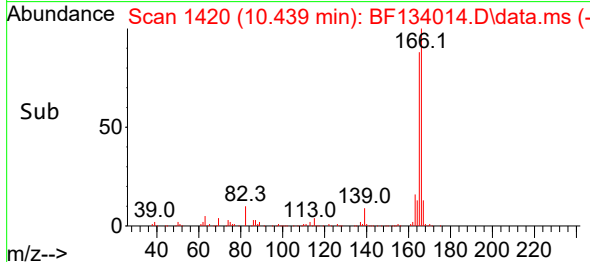
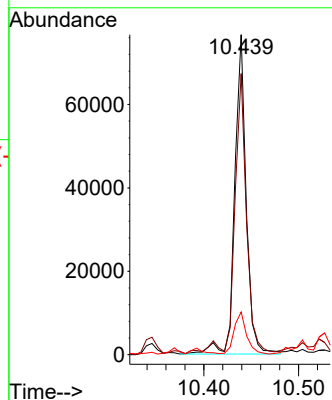
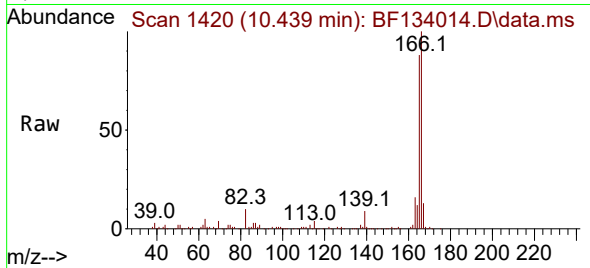




#58
 Fluorene
 Concen: 5.709 ng
 RT: 10.439 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: BF134014.D
 Acq: 28 Jun 2023 05:21

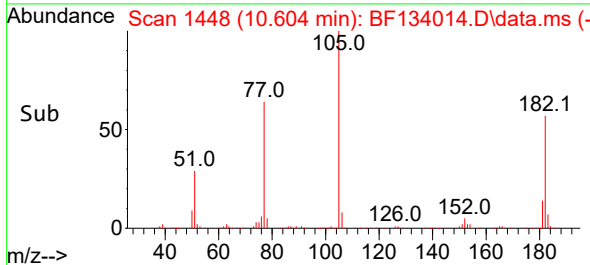
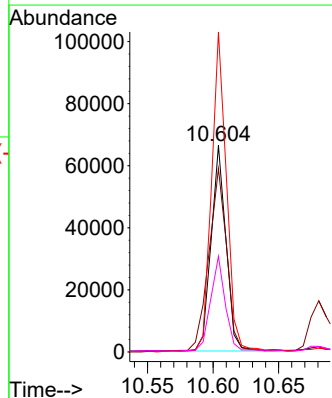
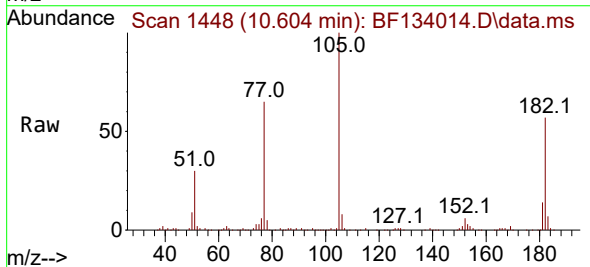
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-21-23

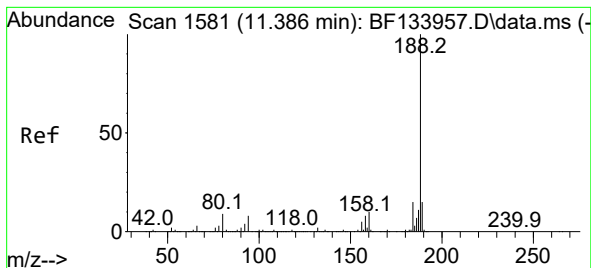
Tgt Ion:166 Resp: 64561
 Ion Ratio Lower Upper
 166 100
 165 87.9 75.0 112.4
 167 13.3 10.6 15.8



#63
 Azobenzene
 Concen: 4.613 ng
 RT: 10.604 min Scan# 1448
 Delta R.T. 0.006 min
 Lab File: BF134014.D
 Acq: 28 Jun 2023 05:21

Tgt Ion: 77 Resp: 52762
 Ion Ratio Lower Upper
 77 100
 182 88.8 6.8 46.8#
 105 154.9 2.3 42.3#
 51 46.3 16.2 56.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-21-23

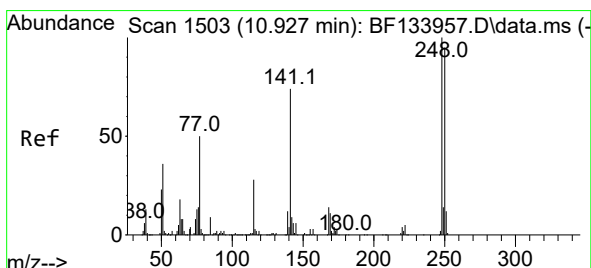
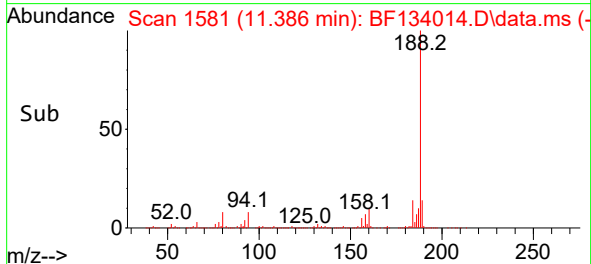
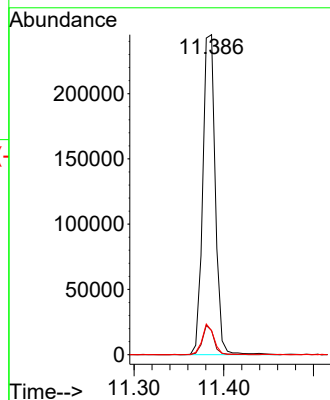
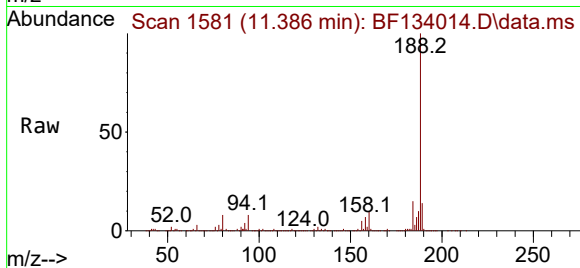
Tgt Ion:188 Resp: 237661

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 7.5 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 3.402 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

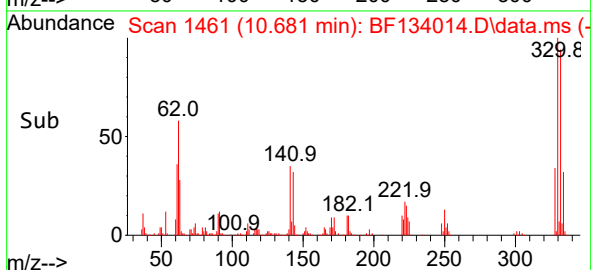
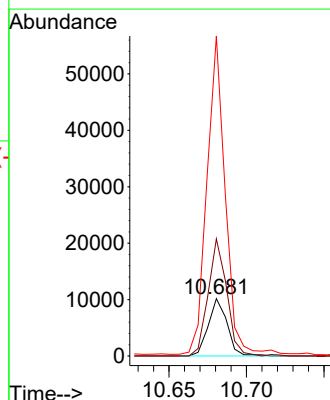
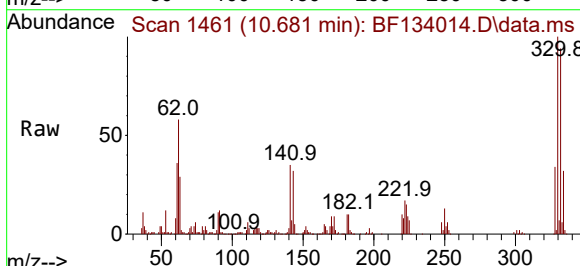
Tgt Ion:248 Resp: 8594

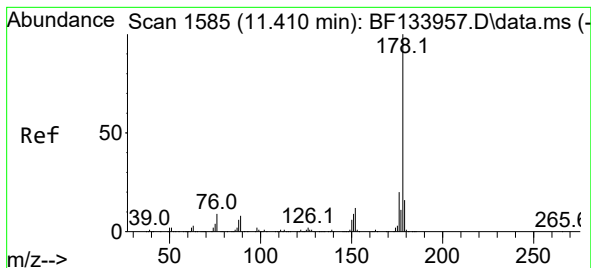
Ion Ratio Lower Upper

248 100

250 204.3 76.2 114.4#

141 558.0 59.0 88.4#





#71

Phenanthrene

Concen: 49.741 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-21-23

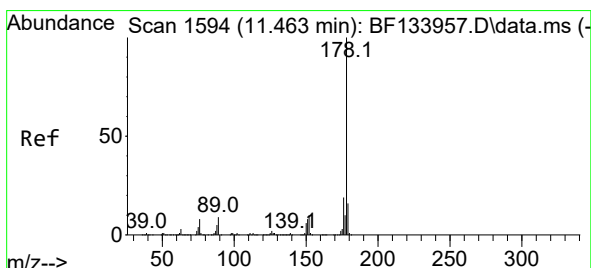
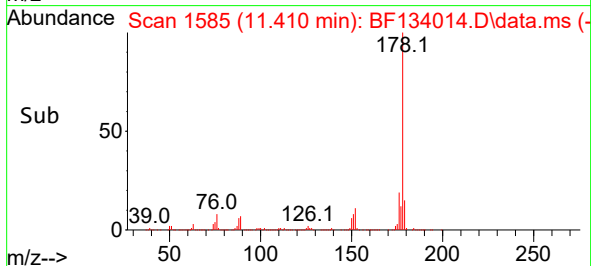
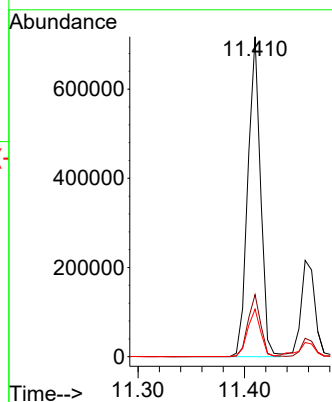
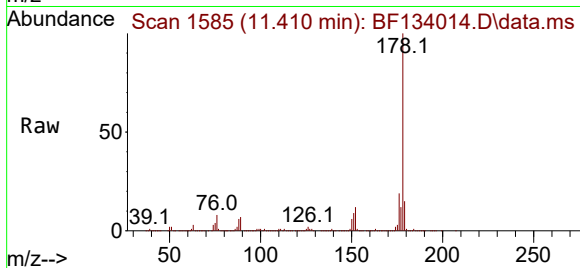
Tgt Ion:178 Resp: 595118

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

179 14.8 12.4 18.6



#72

Anthracene

Concen: 16.157 ng

RT: 11.457 min Scan# 1593

Delta R.T. -0.006 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

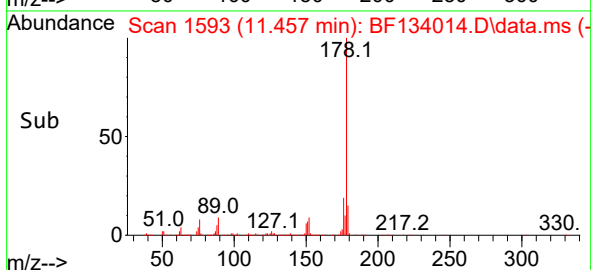
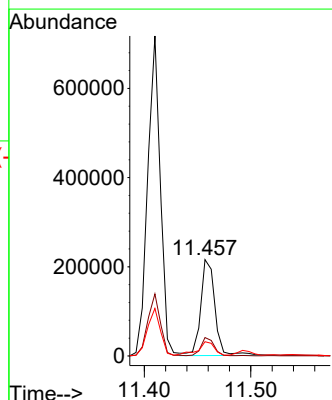
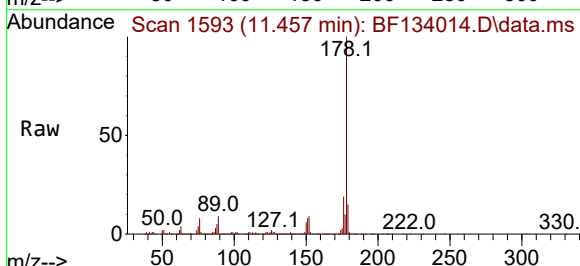
Tgt Ion:178 Resp: 201059

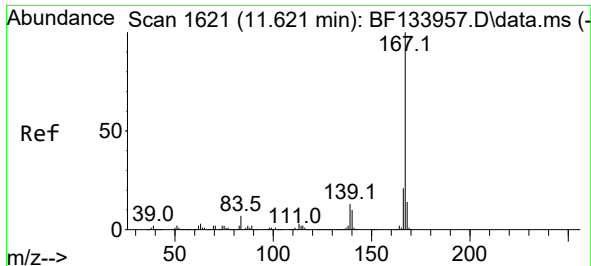
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 14.9 12.4 18.6

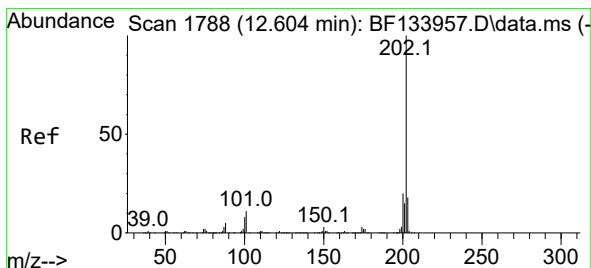
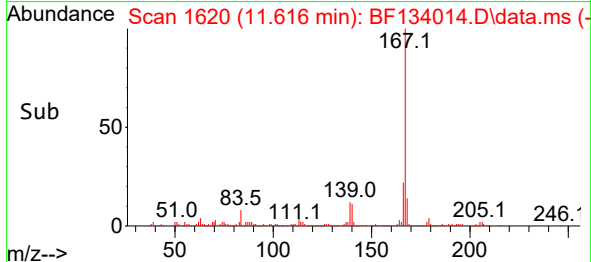
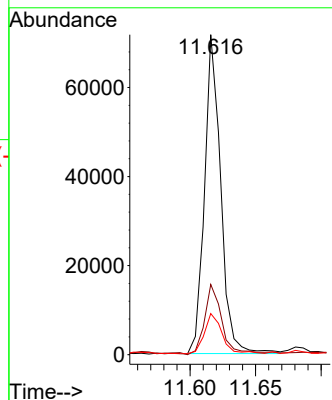
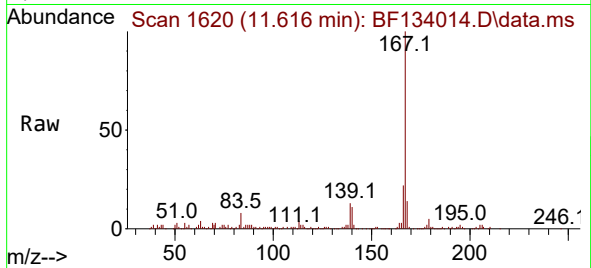




#73
 Carbazole
 Concen: 5.415 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF134014.D
 Acq: 28 Jun 2023 05:21

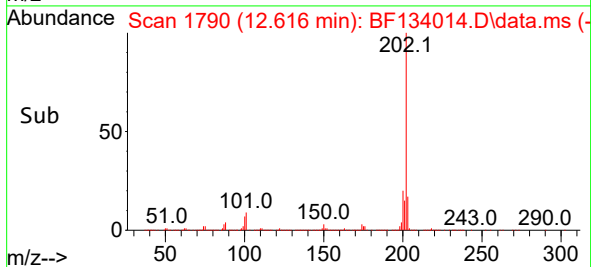
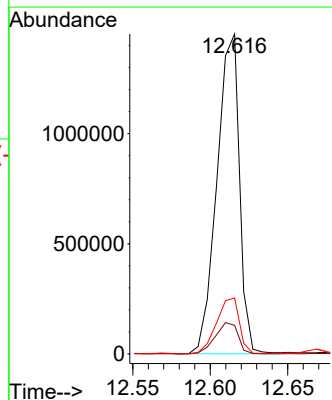
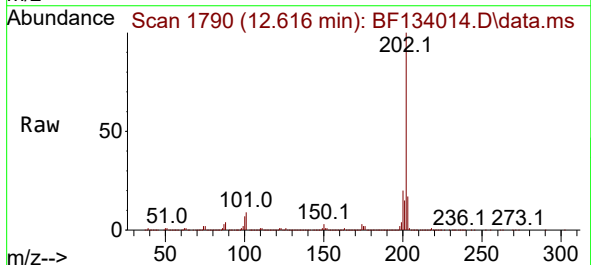
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-21-23

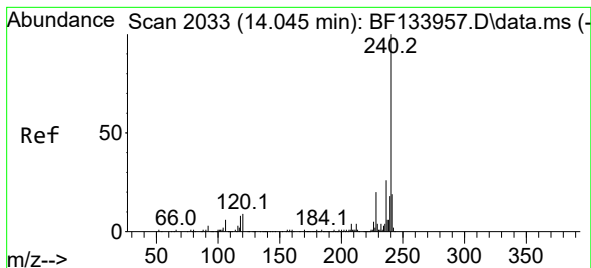
Tgt Ion:167 Resp: 61680
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 12.9 10.4 15.6



#75
 Fluoranthene
 Concen: 113.569 ng
 RT: 12.616 min Scan# 1790
 Delta R.T. 0.012 min
 Lab File: BF134014.D
 Acq: 28 Jun 2023 05:21

Tgt Ion:202 Resp: 1468955
 Ion Ratio Lower Upper
 202 100
 101 9.0 0.0 31.0
 203 17.5 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-21-23

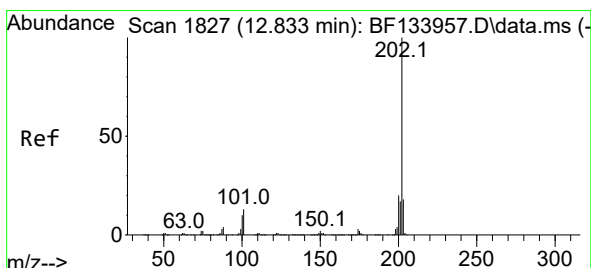
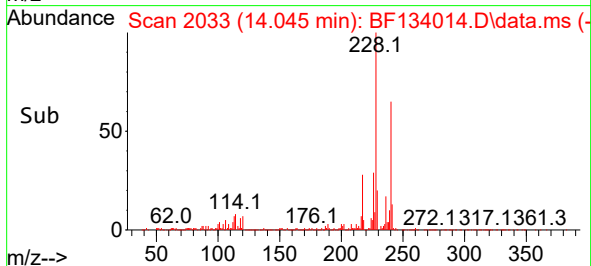
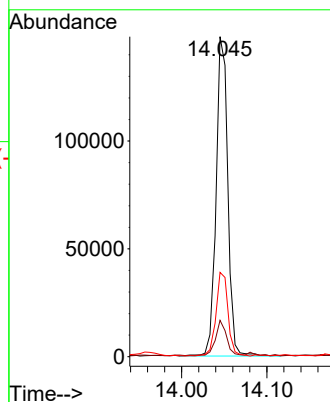
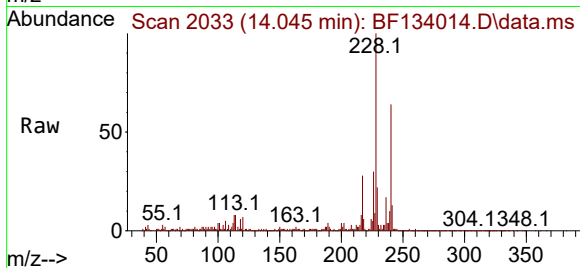
Tgt Ion:240 Resp: 141625

Ion Ratio Lower Upper

240 100

120 11.4 7.4 11.0#

236 26.4 21.0 31.6



#78

Pyrene

Concen: 103.901 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.012 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

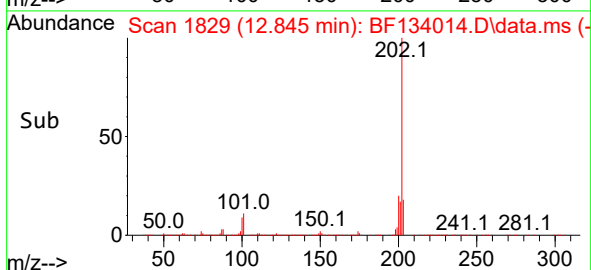
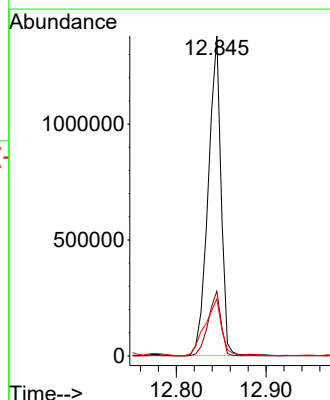
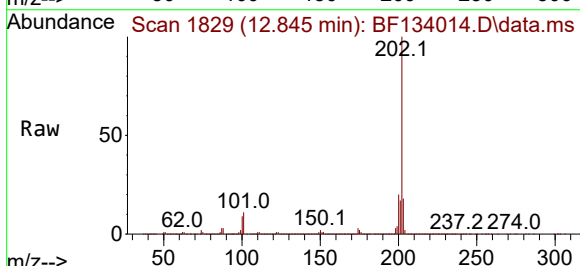
Tgt Ion:202 Resp: 1369428

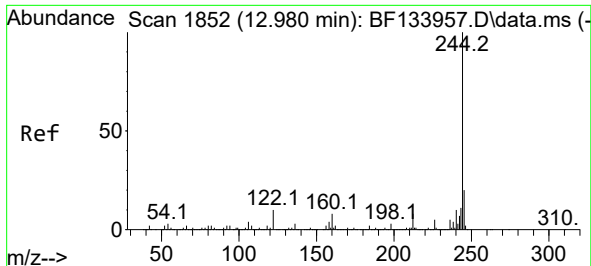
Ion Ratio Lower Upper

202 100

200 20.3 16.1 24.1

203 17.9 14.3 21.5

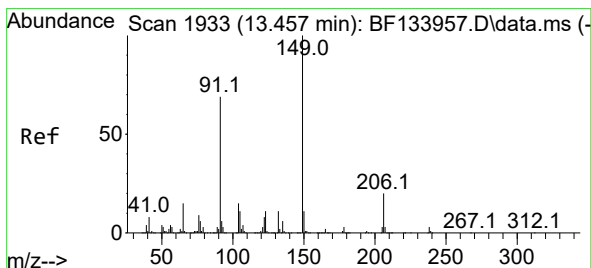
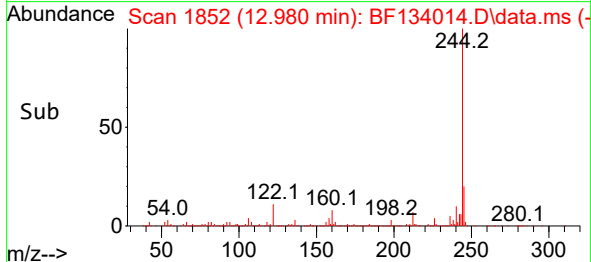
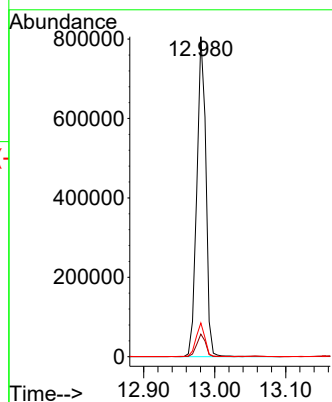
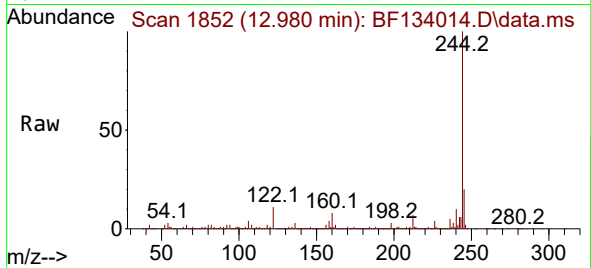




#79
 Terphenyl-d14
 Concen: 81.510 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134014.D
 Acq: 28 Jun 2023 05:21

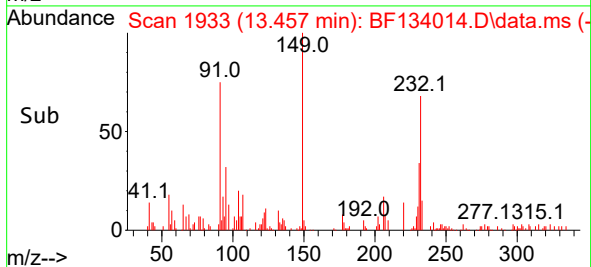
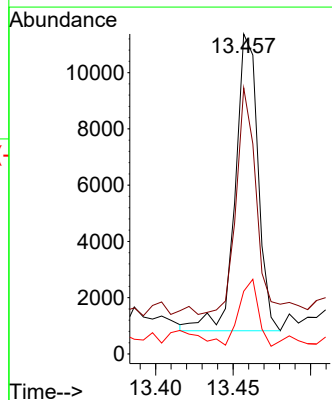
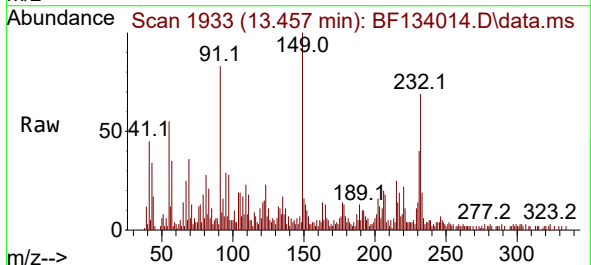
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SB-21-23

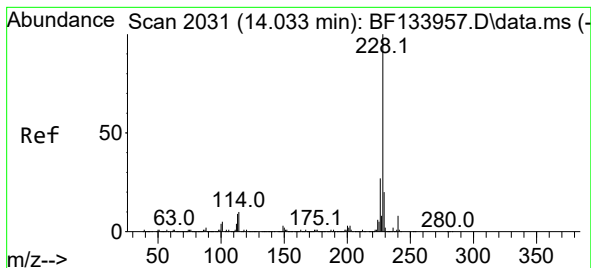
Tgt Ion:244 Resp: 717264
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.5 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 2.182 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: BF134014.D
 Acq: 28 Jun 2023 05:21

Tgt Ion:149 Resp: 10785
 Ion Ratio Lower Upper
 149 100
 91 83.2 55.1 82.7#
 206 19.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 56.748 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-21-23

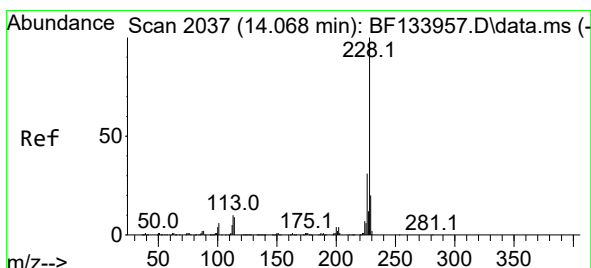
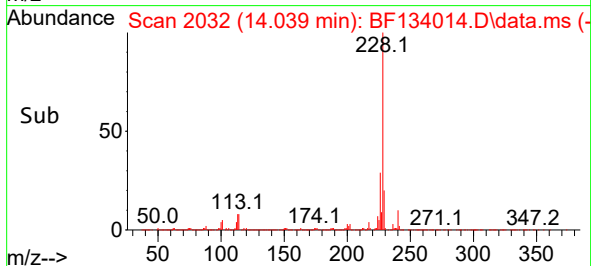
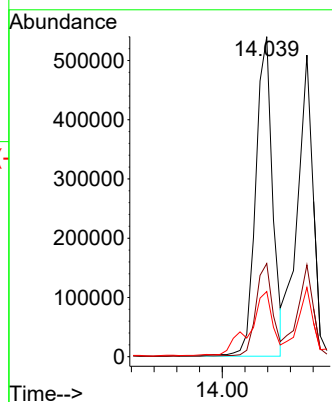
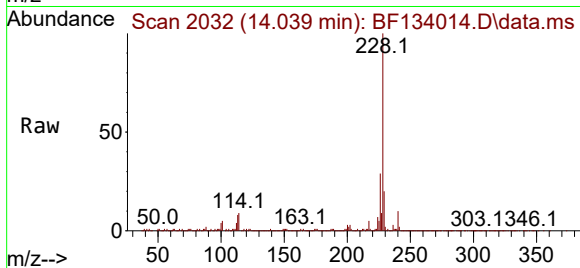
Tgt Ion:228 Resp: 557376

Ion Ratio Lower Upper

228 100

226 29.1 22.0 33.0

229 20.3 16.3 24.5



#83

Chrysene

Concen: 52.067 ng

RT: 14.074 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

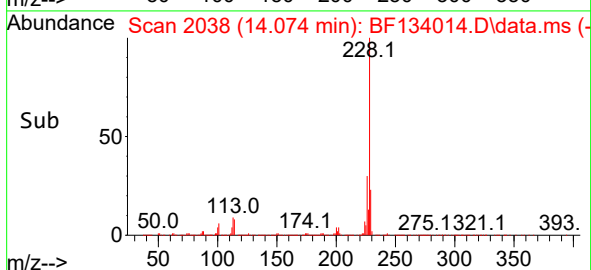
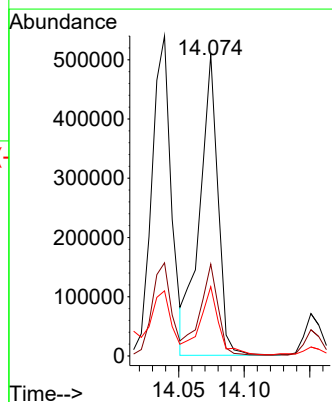
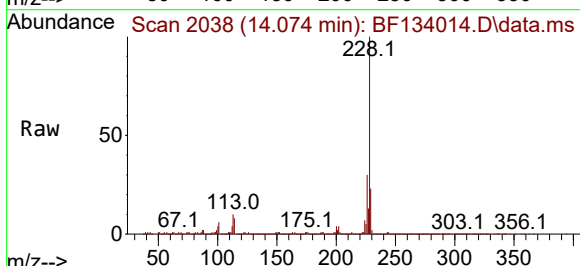
Tgt Ion:228 Resp: 495327

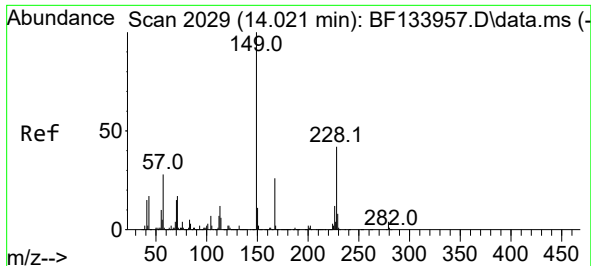
Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 23.0 16.1 24.1

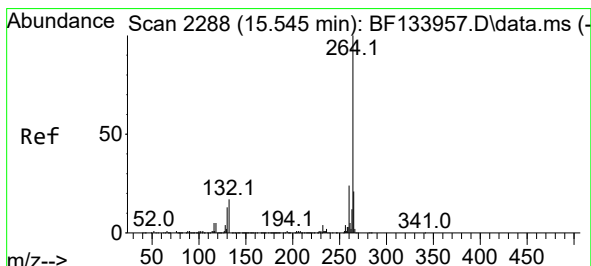
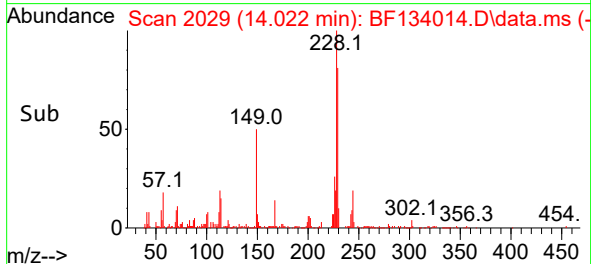
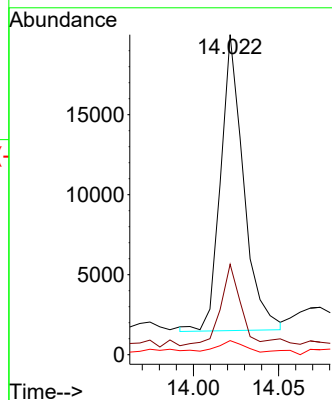
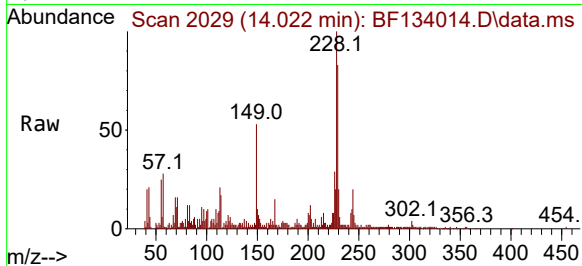




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.057 ng
RT: 14.022 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

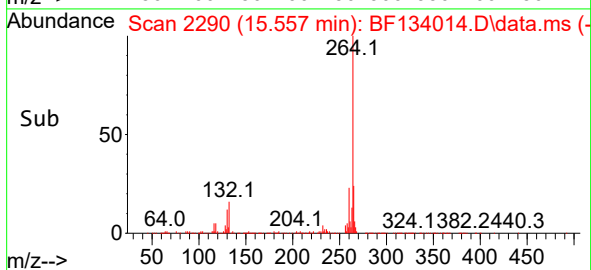
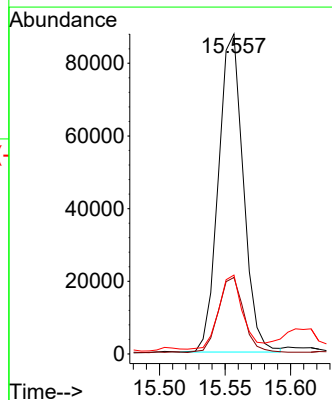
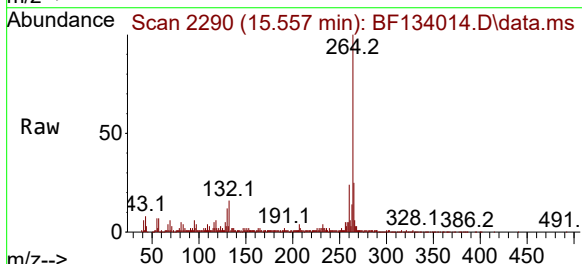
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SB-21-23

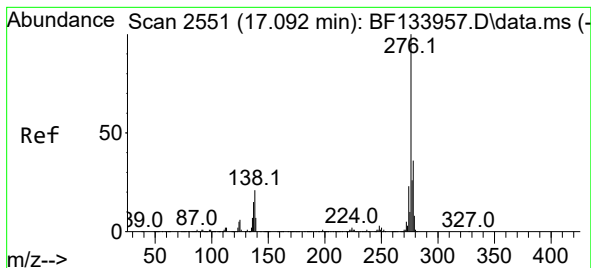
Tgt Ion:149 Resp: 17361
Ion Ratio Lower Upper
149 100
167 28.2 21.0 31.4
279 4.4 3.3 4.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.012 min
Lab File: BF134014.D
Acq: 28 Jun 2023 05:21

Tgt Ion:264 Resp: 115525
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 24.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 28.248 ng

RT: 17.104 min Scan# 2114

Delta R.T. 0.012 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-21-23

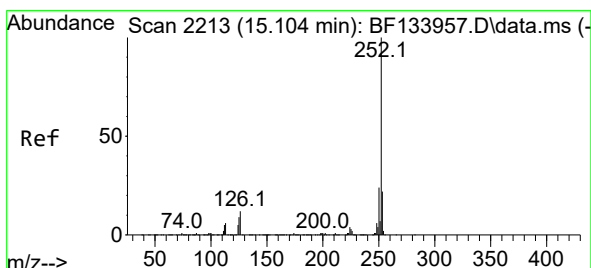
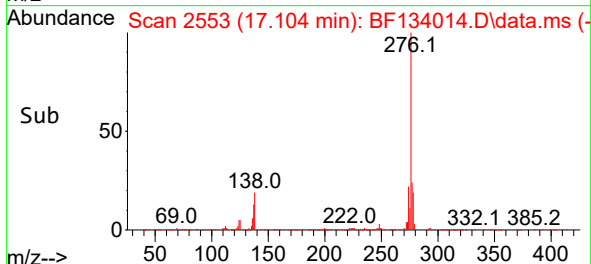
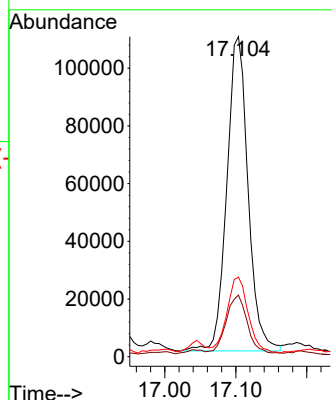
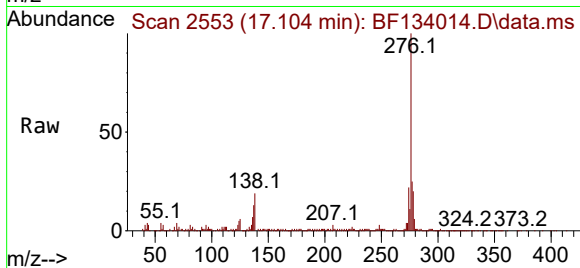
Tgt Ion:276 Resp: 226442

Ion Ratio Lower Upper

276 100

138 18.4 18.7 28.1#

277 24.4 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 98.100 ng

RT: 15.110 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

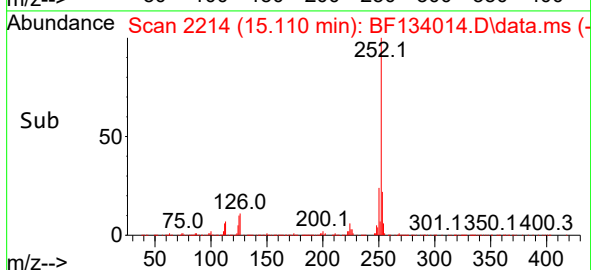
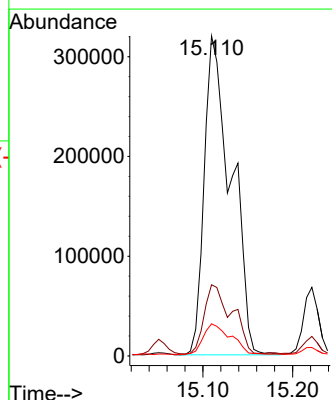
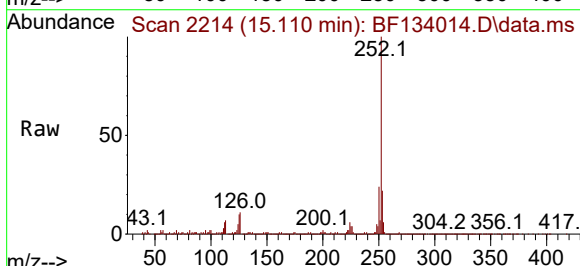
Tgt Ion:252 Resp: 666391

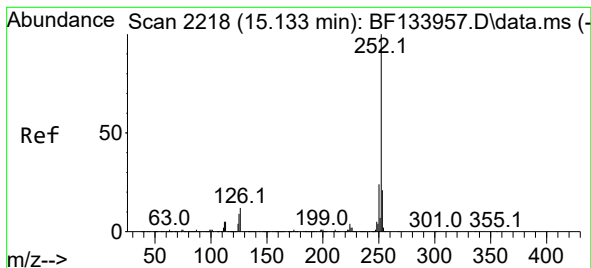
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 10.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 96.351 ng

RT: 15.110 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-21-23

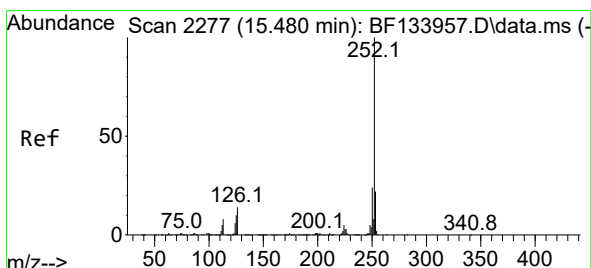
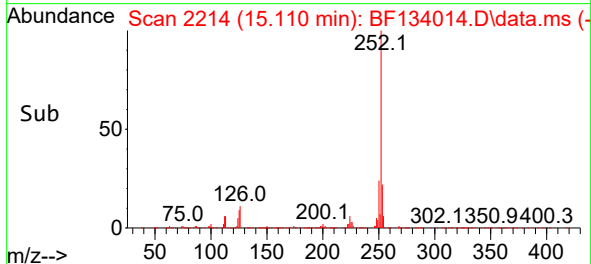
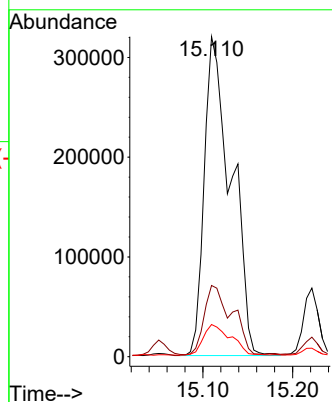
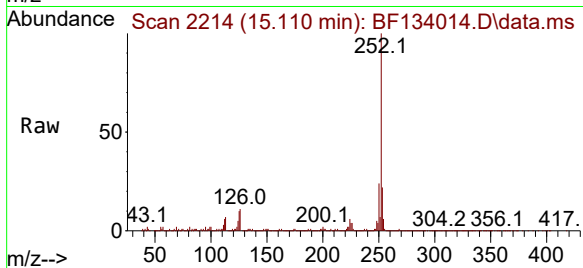
Tgt Ion:252 Resp: 666391

Ion Ratio Lower Upper

252 100

253 22.2 16.9 25.3

125 10.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 57.260 ng

RT: 15.492 min Scan# 2279

Delta R.T. 0.012 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

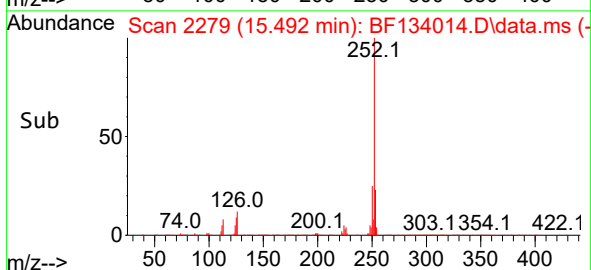
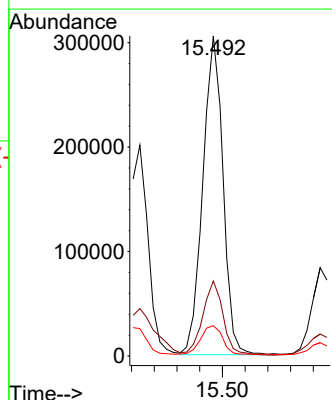
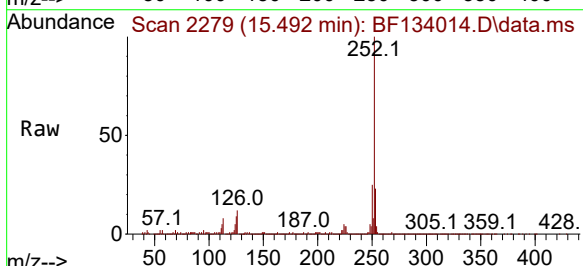
Tgt Ion:252 Resp: 376125

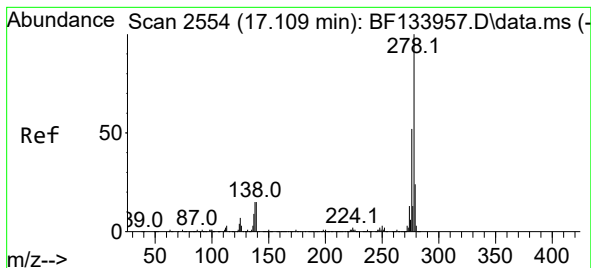
Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.0

125 9.5 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 7.885 ng

RT: 17.115 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

Instrument :

BNA_F

ClientSampleId :

COMPOSIT-SB-21-23

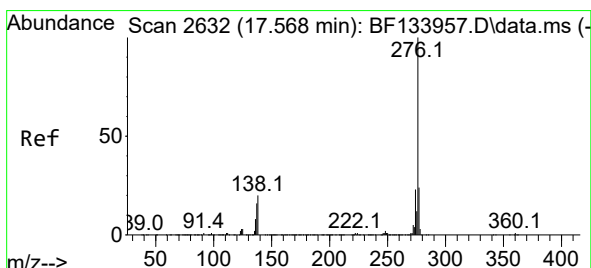
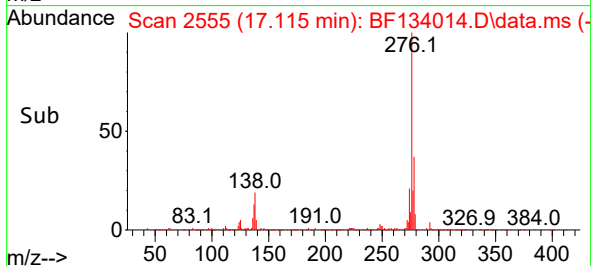
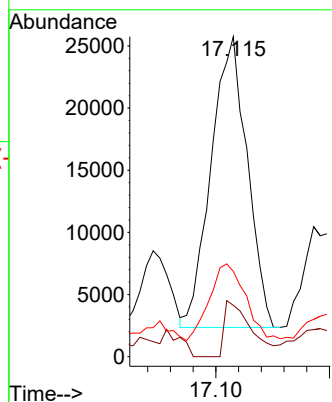
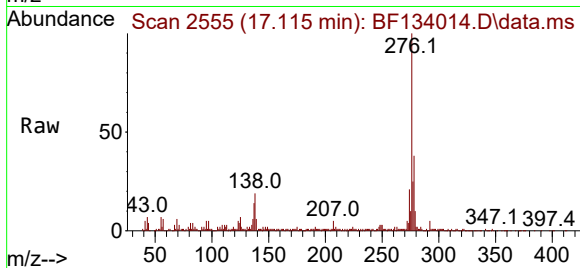
Tgt Ion:278 Resp: 51631

Ion Ratio Lower Upper

278 100

139 16.1 12.2 18.4

279 26.7 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 32.648 ng

RT: 17.574 min Scan# 2633

Delta R.T. 0.006 min

Lab File: BF134014.D

Acq: 28 Jun 2023 05:21

Tgt Ion:276 Resp: 220445

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.6

138 19.4 16.2 24.2

