

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131608.D
 Acq On : 12 Dec 2022 23:25
 Operator : CG\JU
 Sample : N5997-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2802-COMP

Quant Time: Dec 13 04:19:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 04:12:13 2022
 Response via : Initial Calibration

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

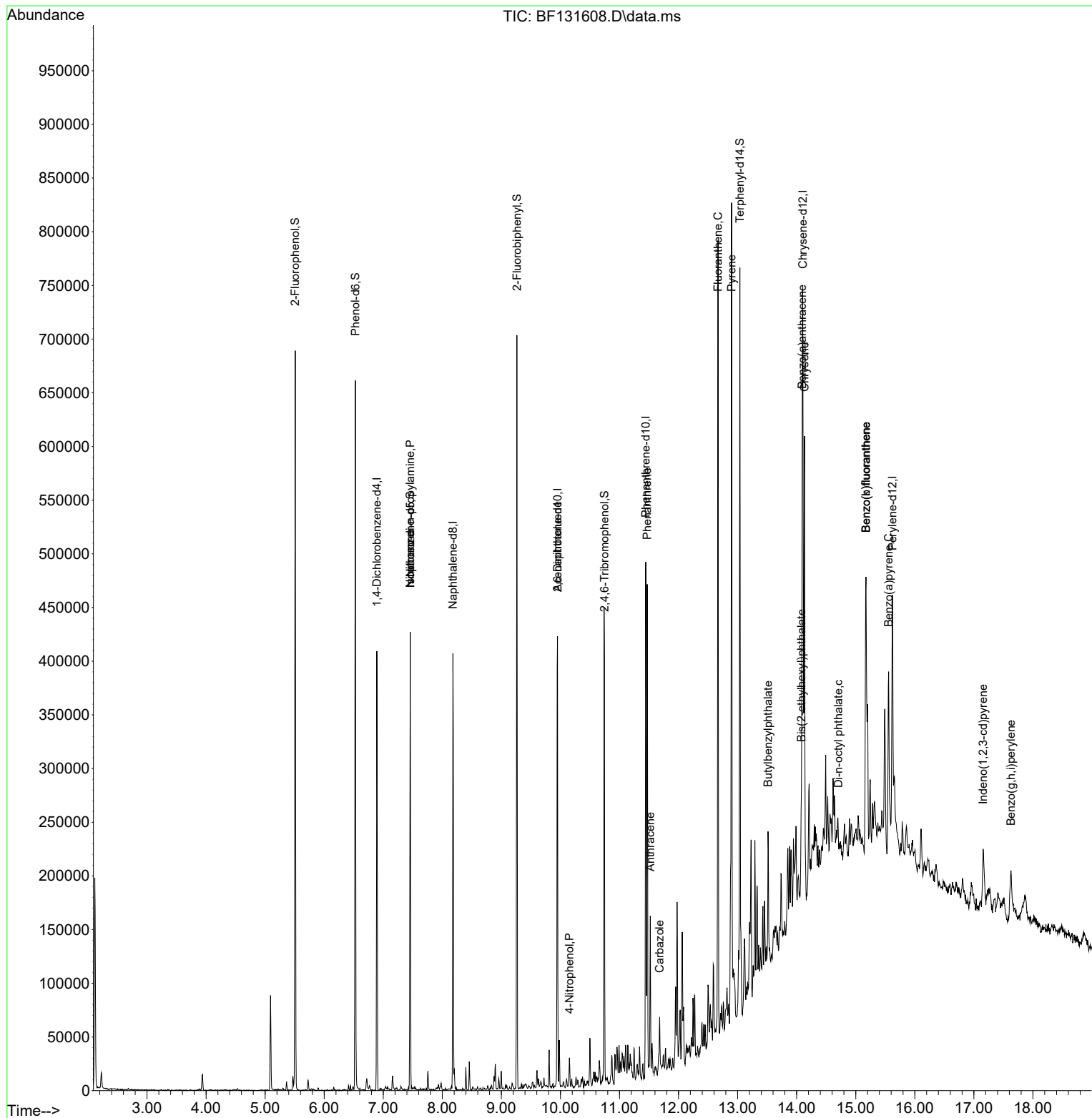
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	49510	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	150342	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	78404	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	159223	20.000	ng	0.00
76) Chrysene-d12	14.104	240	117446	20.000	ng	# 0.00
86) Perylene-d12	15.621	264	90953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	147312	49.638	ng	0.00
7) Phenol-d6	6.528	99	174174	44.787	ng	0.00
23) Nitrobenzene-d5	7.457	82	119392	30.024	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	44792	51.420	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	171619	27.599	ng	0.00
79) Terphenyl-d14	13.039	244	208459	24.342	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	17048	5.846	ng	# 78
25) Isophorone	7.457	82	119389	18.639	ng	# 69
51) 2,6-Dinitrotoluene	9.951	165	10767	8.726	ng	# 10
56) 4-Nitrophenol	10.151	139	2412	2.933	ng	# 1
71) Phenanthrene	11.469	178	147544	16.625	ng	99
72) Anthracene	11.522	178	49880	5.777	ng	98
73) Carbazole	11.680	167	15635	2.218	ng	97
75) Fluoranthene	12.669	202	261200	28.581	ng	99
78) Pyrene	12.898	202	293922	25.380	ng	99
80) Butylbenzylphthalate	13.516	149	24878	7.423	ng	97
81) Benzo(a)anthracene	14.092	228	171187	20.184	ng	96
83) Chrysene	14.133	228	178880	22.184	ng	97
84) Bis(2-ethylhexyl)phtha...	14.080	149	15126	6.136	ng	# 94
85) Di-n-octyl phthalate	14.704	149	571	5.287	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.157	276	41340	5.569	ng	99
88) Benzo(b)fluoranthene	15.174	252	200092	33.379	ng	95
89) Benzo(k)fluoranthene	15.174	252	200092	31.979	ng	94
90) Benzo(a)pyrene	15.557	252	85602	16.733	ng	94
92) Benzo(g,h,i)perylene	17.627	276	36515	5.947	ng	99

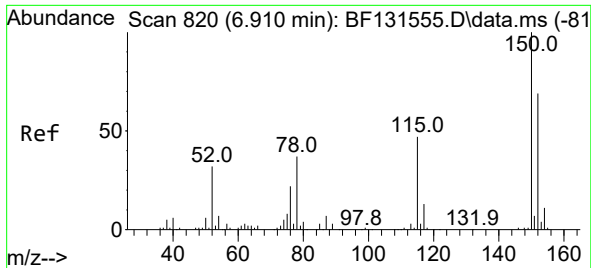
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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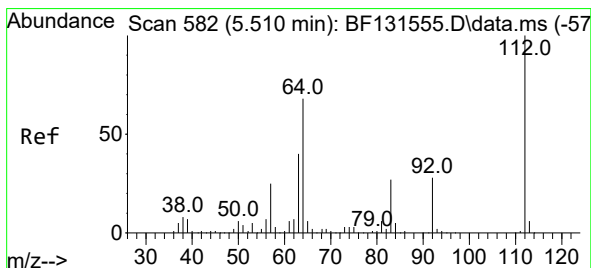
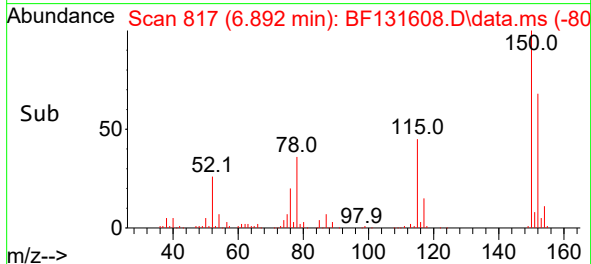
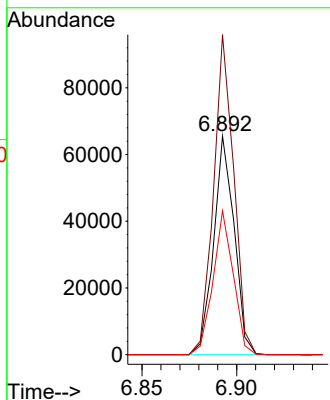
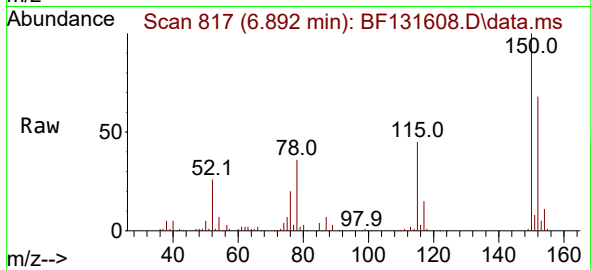




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131608.D
 Acq: 12 Dec 2022 23:25

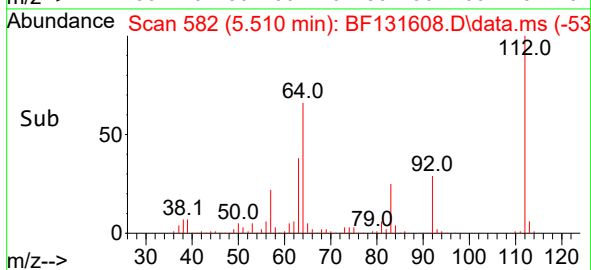
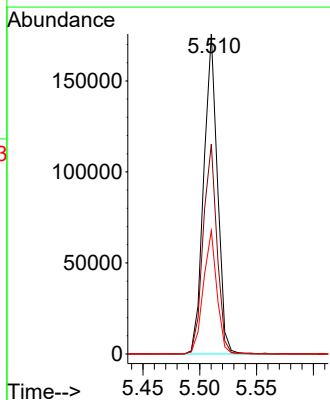
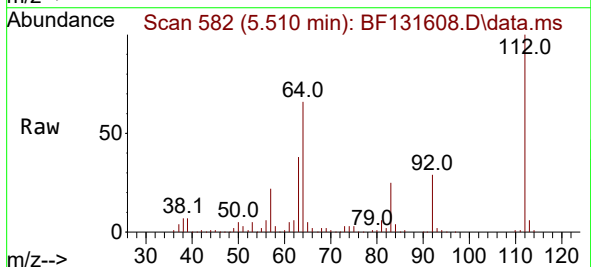
Instrument :
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 2802-COMP

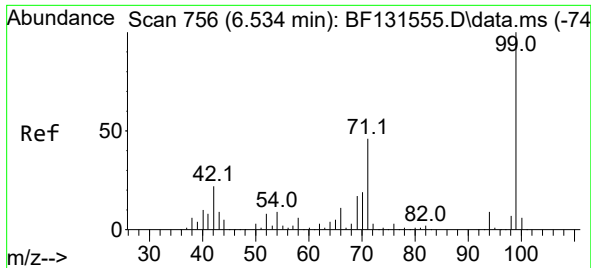
Tgt Ion:152 Resp: 49510
 Ion Ratio Lower Upper
 152 100
 150 146.3 116.7 175.1
 115 65.7 54.6 82.0



#5
 2-Fluorophenol
 Concen: 49.638 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.000 min
 Lab File: BF131608.D
 Acq: 12 Dec 2022 23:25

Tgt Ion:112 Resp: 147312
 Ion Ratio Lower Upper
 112 100
 64 65.6 54.5 81.7
 63 38.5 31.9 47.9

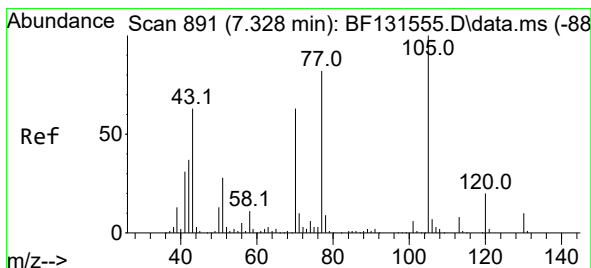
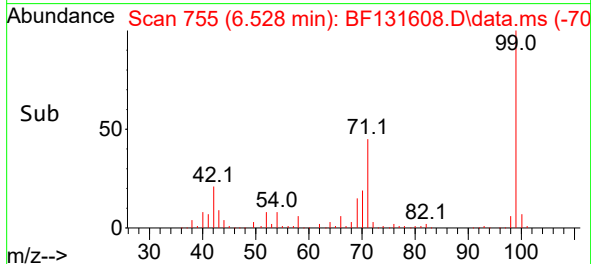
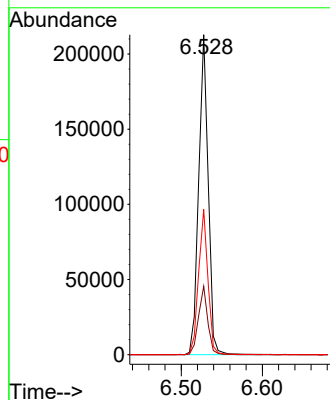
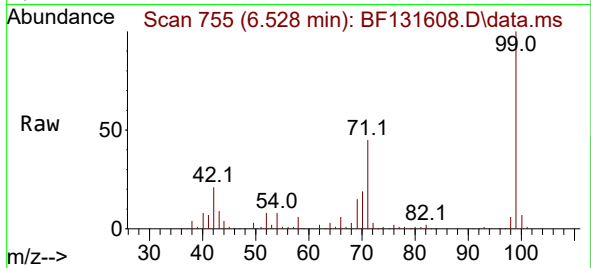




#7
Phenol-d6
Concen: 44.787 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

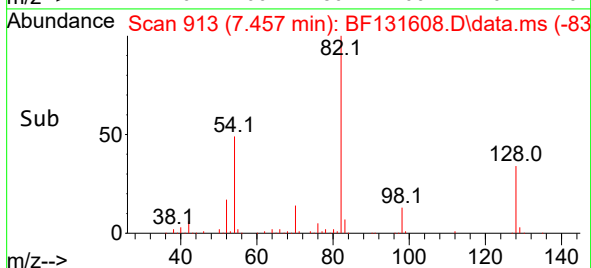
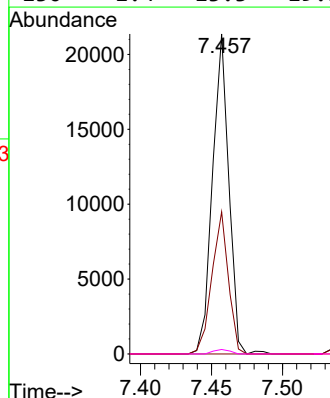
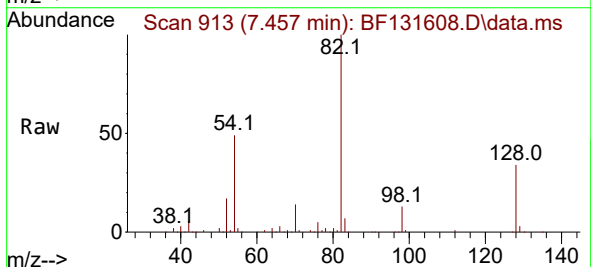
Instrument :
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ClientSampleId :
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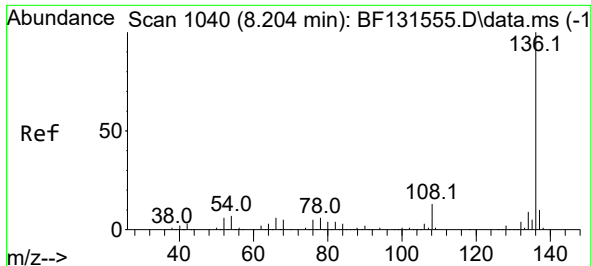
Tgt Ion: 99 Resp: 174174
Ion Ratio Lower Upper
99 100
42 21.4 17.9 26.9
71 45.4 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 5.846 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

Tgt Ion: 70 Resp: 17048
Ion Ratio Lower Upper
70 100
42 44.4 46.4 69.6#
101 0.0 7.2 10.8#
130 1.4 13.3 19.9#

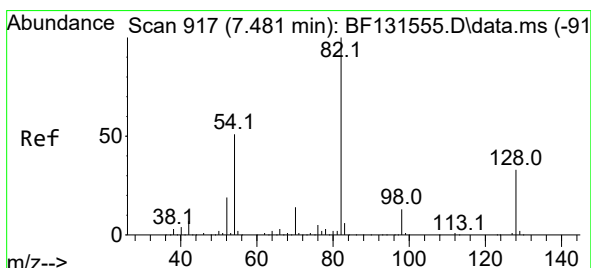
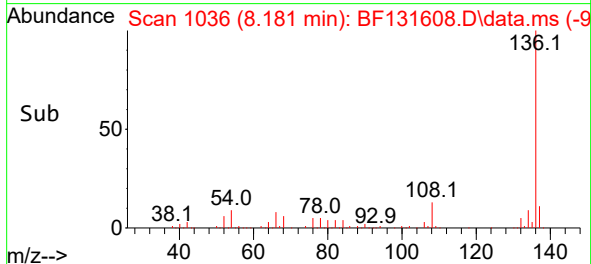
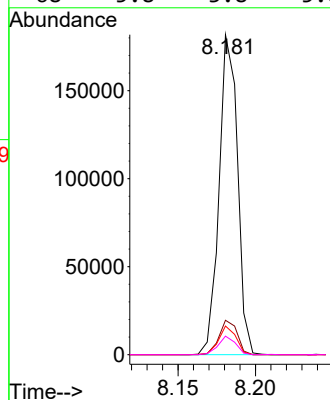
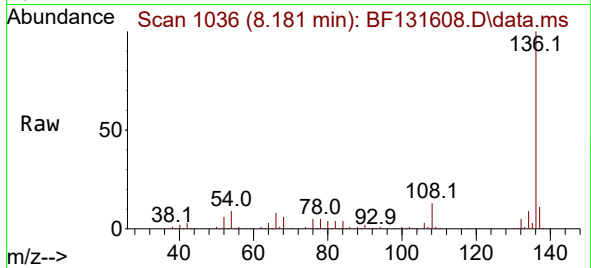




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

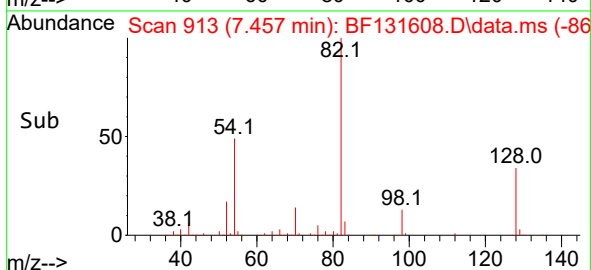
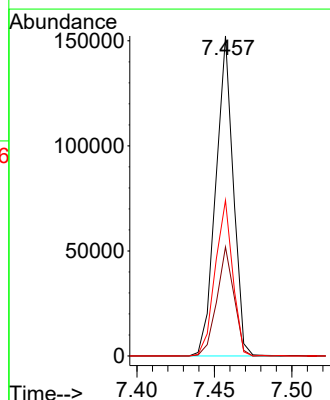
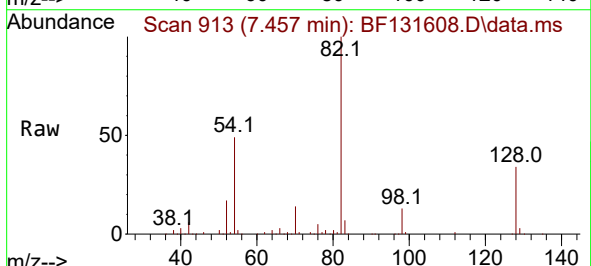
Instrument :
BNA_F
ClientSampleId :
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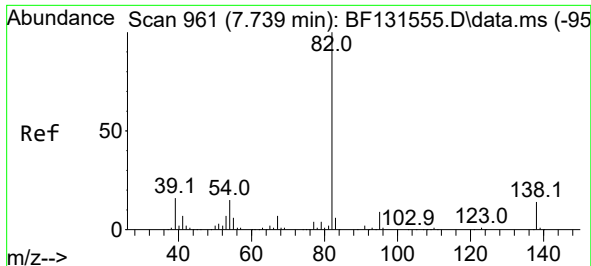
Tgt Ion:136 Resp: 150342
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.9 6.0 9.0
68 5.8 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 30.024 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

Tgt Ion: 82 Resp: 119392
Ion Ratio Lower Upper
82 100
128 34.0 26.1 39.1
54 48.7 40.6 60.8

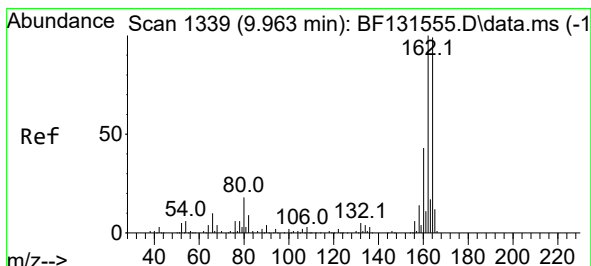
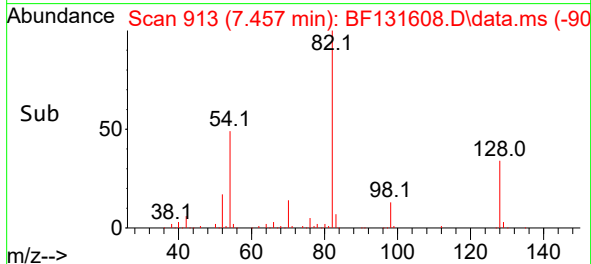
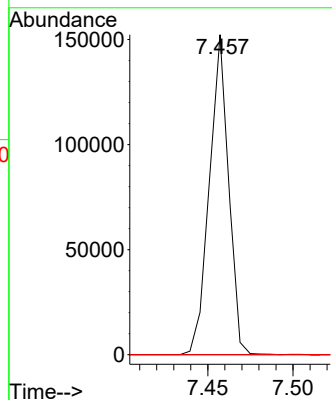
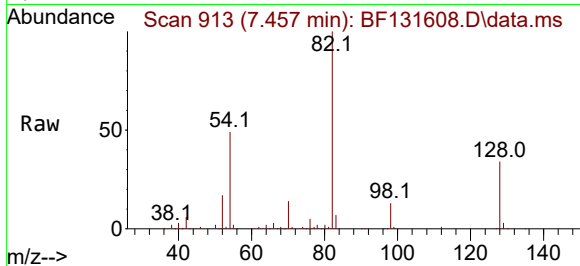




#25
Isophorone
Concen: 18.639 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

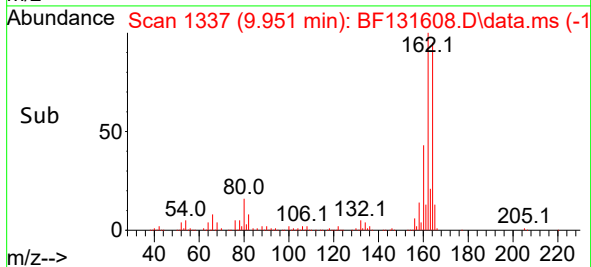
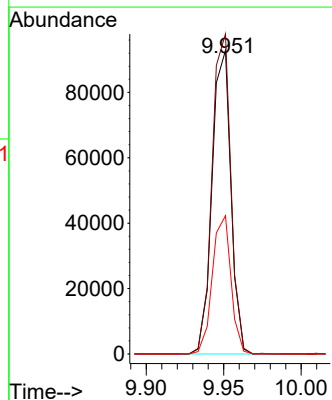
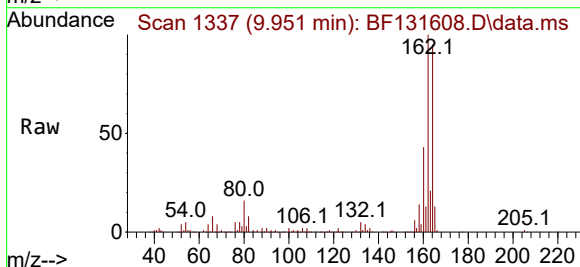
Instrument :
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ClientSampleId :
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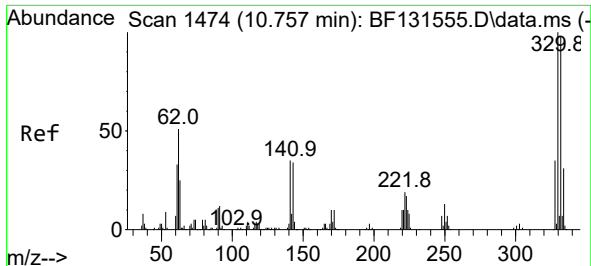
Tgt Ion: 82 Resp: 119389
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

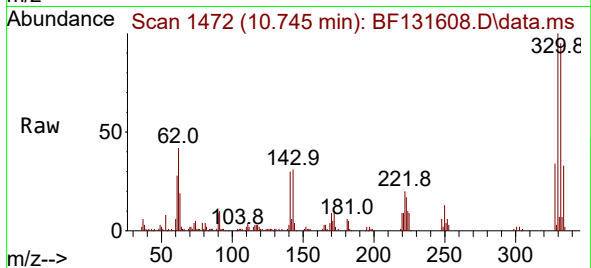
Tgt Ion:164 Resp: 78404
Ion Ratio Lower Upper
164 100
162 105.4 81.0 121.6
160 45.6 35.0 52.6



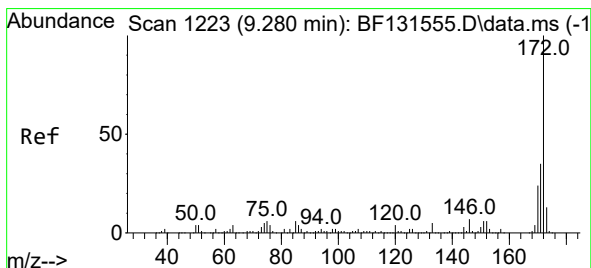
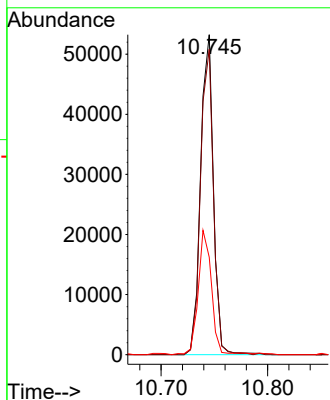
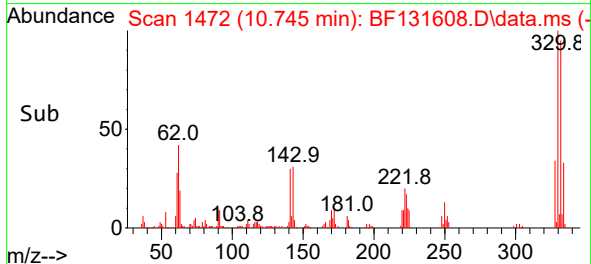


#42
2,4,6-Tribromophenol
Concen: 51.420 ng
RT: 10.745 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

Instrument :
BNA_F
ClientSampleId :
2802-COMP

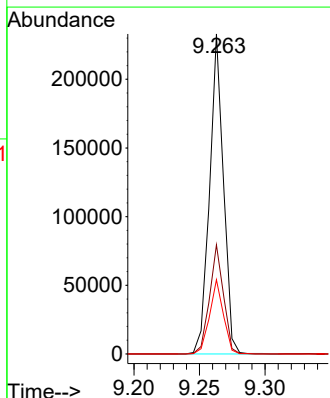
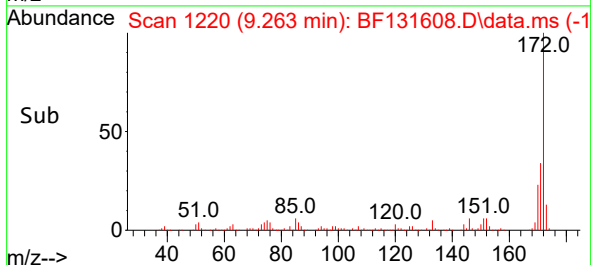
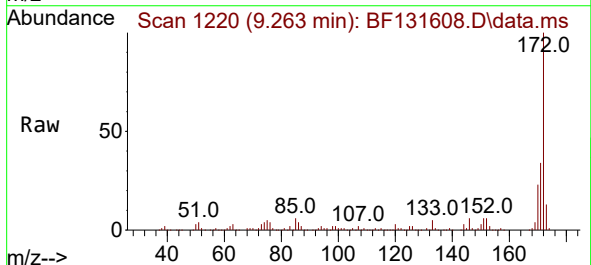


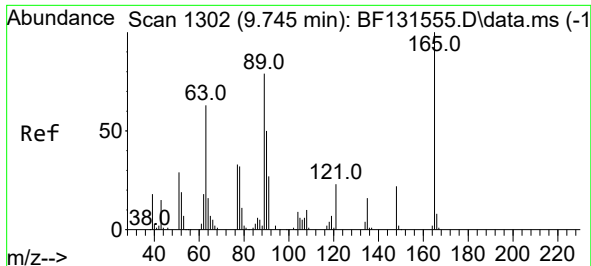
Tgt Ion:330 Resp: 44792
Ion Ratio Lower Upper
330 100
332 96.2 78.3 117.5
141 40.3 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 27.599 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

Tgt Ion:172 Resp: 171619
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 23.2 19.3 28.9

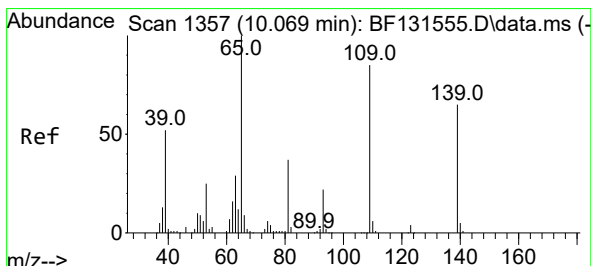
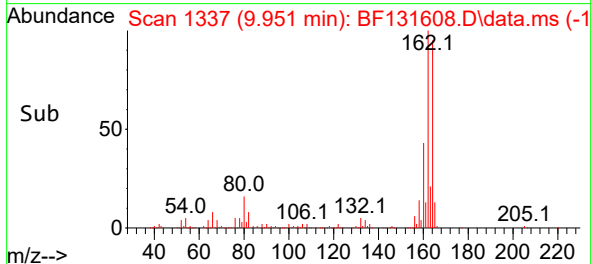
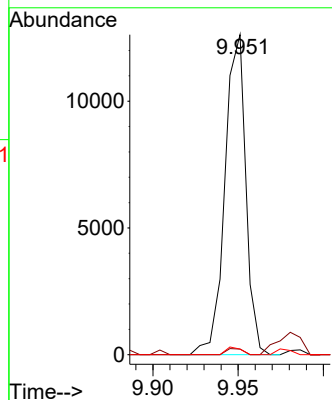
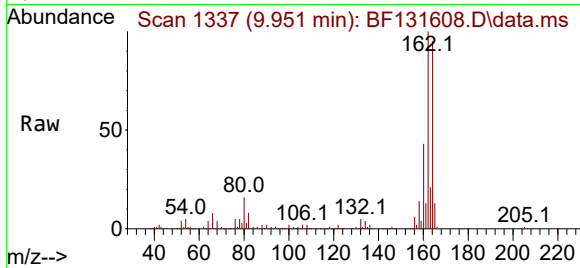




#51
2,6-Dinitrotoluene
Concen: 8.726 ng
RT: 9.951 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

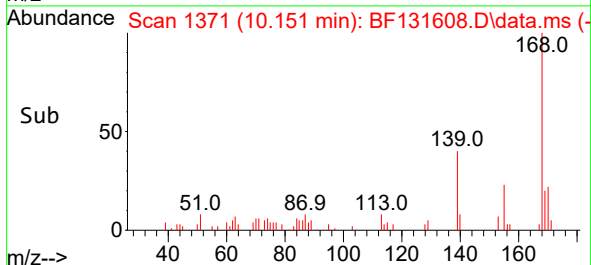
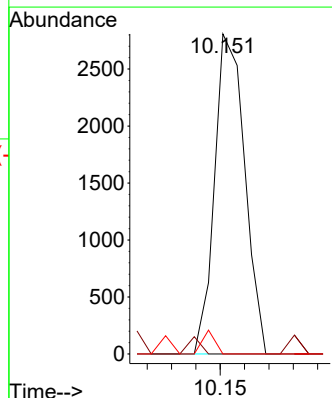
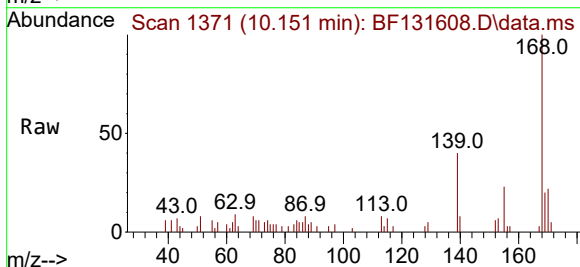
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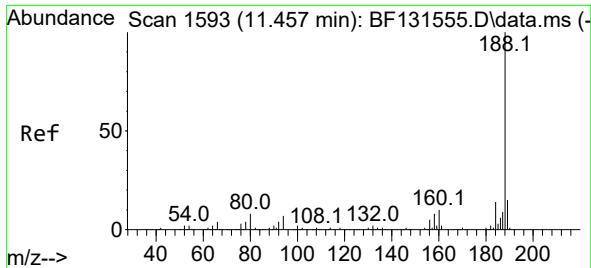
Tgt Ion:165 Resp: 10767
Ion Ratio Lower Upper
165 100
63 1.7 67.9 101.9#
89 1.8 63.2 94.8#



#56
4-Nitrophenol
Concen: 2.933 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.077 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

Tgt Ion:139 Resp: 2412
Ion Ratio Lower Upper
139 100
109 0.0 110.2 150.2#
65 0.0 133.3 173.3#

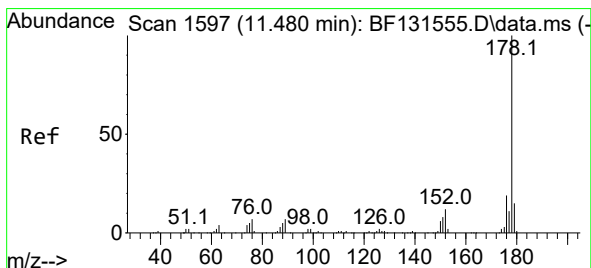
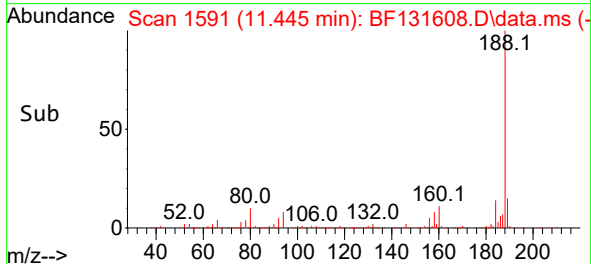
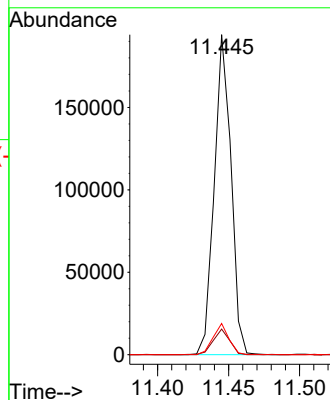
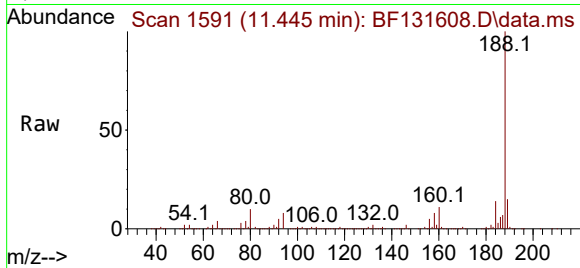




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

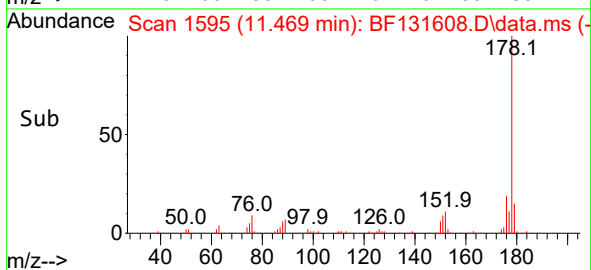
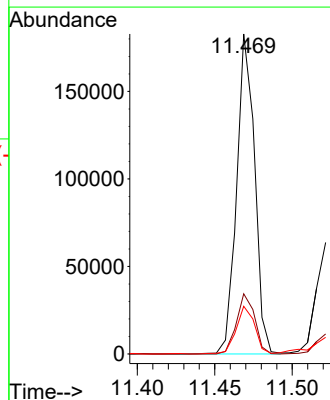
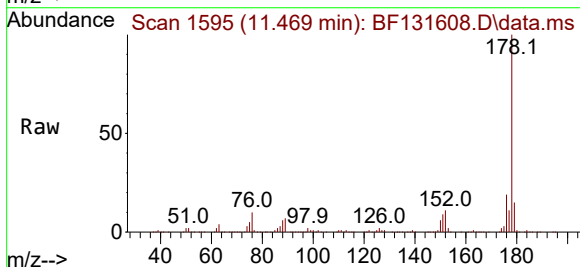
Instrument :
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2802-COMP

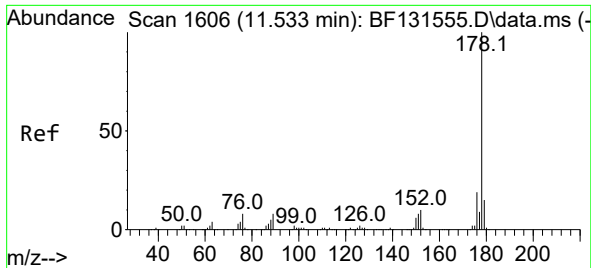
Tgt Ion:188 Resp: 159223
Ion Ratio Lower Upper
188 100
94 8.0 5.5 8.3
80 9.8 6.6 10.0



#71
Phenanthrene
Concen: 16.625 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

Tgt Ion:178 Resp: 147544
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 14.9 12.2 18.4

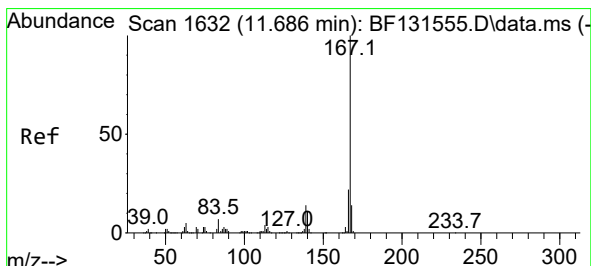
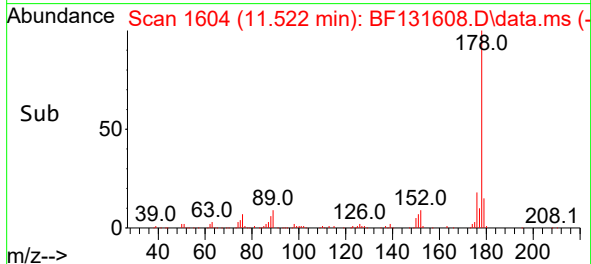
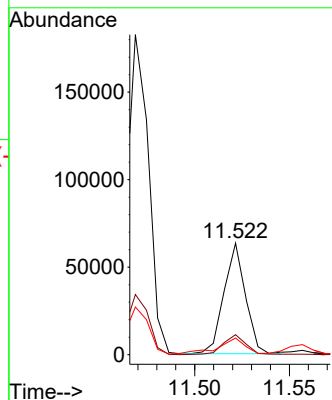
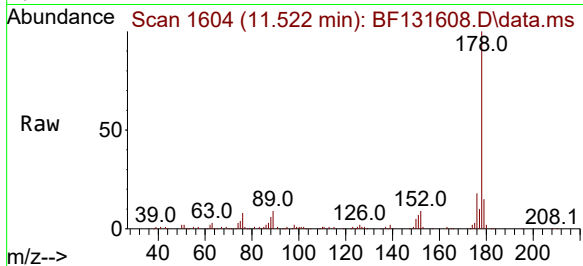




#72
 Anthracene
 Concen: 5.777 ng
 RT: 11.522 min Scan# 1604
 Delta R.T. -0.006 min
 Lab File: BF131608.D
 Acq: 12 Dec 2022 23:25

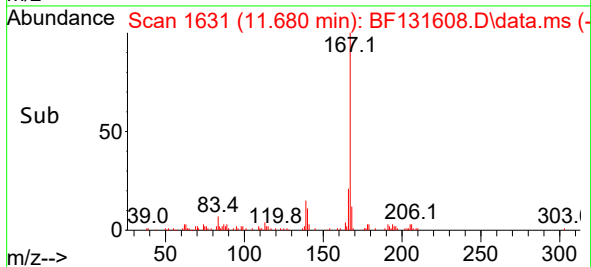
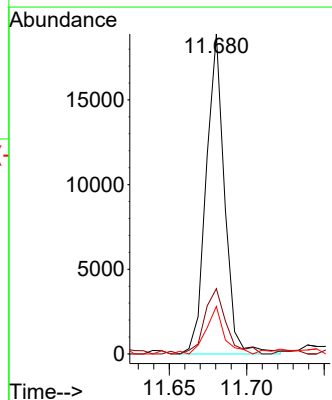
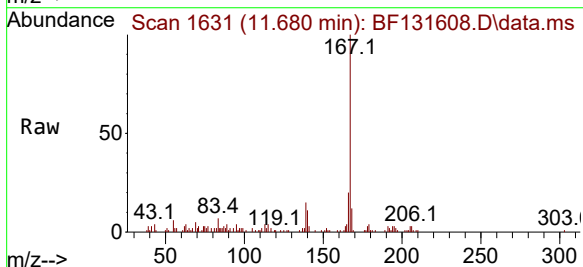
Instrument :
 BNA_F
 ClientSampleId :
 2802-COMP

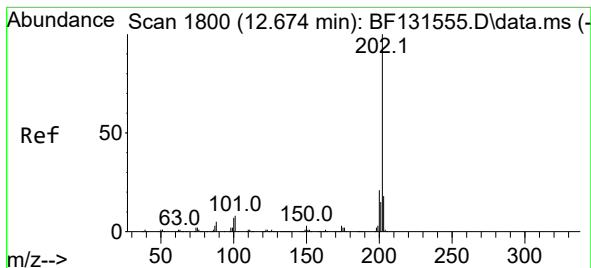
Tgt Ion:178 Resp: 49880
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.0 22.6
 179 14.9 12.3 18.5



#73
 Carbazole
 Concen: 2.218 ng
 RT: 11.680 min Scan# 1631
 Delta R.T. -0.006 min
 Lab File: BF131608.D
 Acq: 12 Dec 2022 23:25

Tgt Ion:167 Resp: 15635
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.4 26.0
 139 14.8 11.0 16.4





#75

Fluoranthene

Concen: 28.581 ng

RT: 12.669 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131608.D

Acq: 12 Dec 2022 23:25

Instrument :

BNA_F

ClientSampleId :

2802-COMP

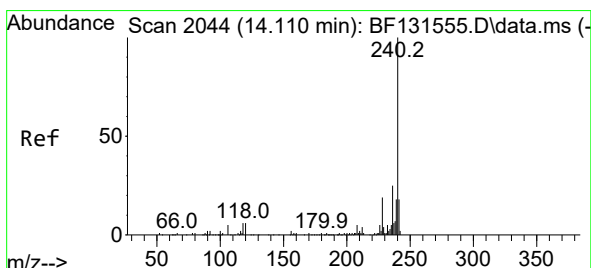
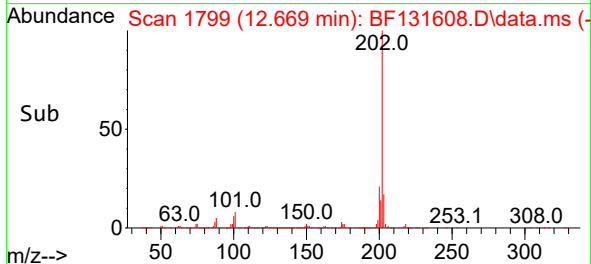
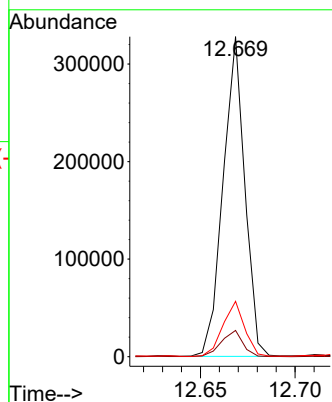
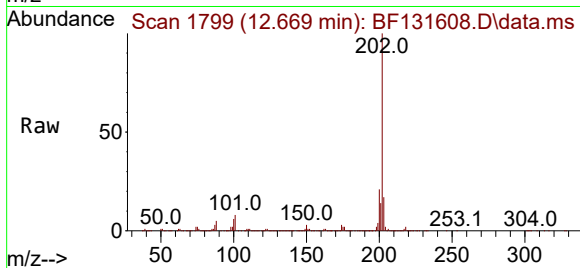
Tgt Ion:202 Resp: 261200

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.7

203 17.3 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 2043

Delta R.T. 0.000 min

Lab File: BF131608.D

Acq: 12 Dec 2022 23:25

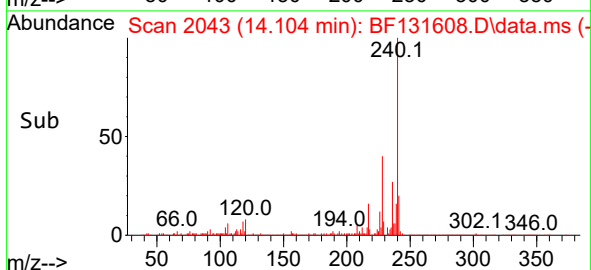
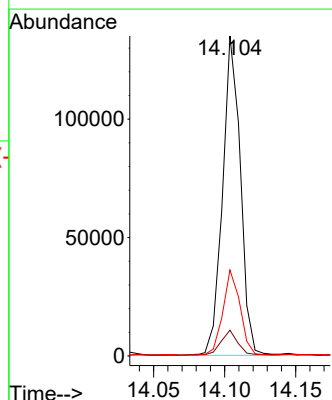
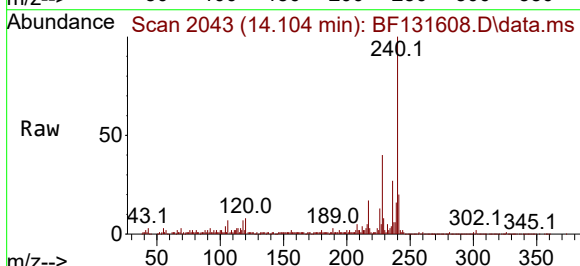
Tgt Ion:240 Resp: 117446

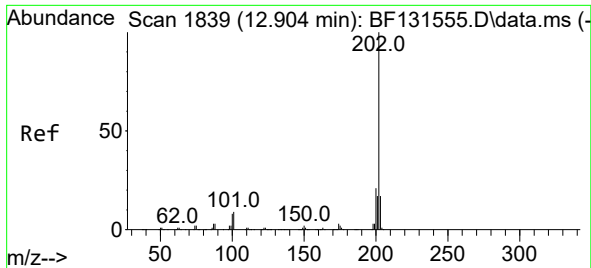
Ion Ratio Lower Upper

240 100

120 8.1 4.6 7.0#

236 26.9 20.2 30.2

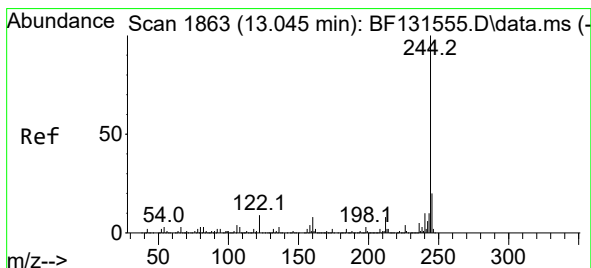
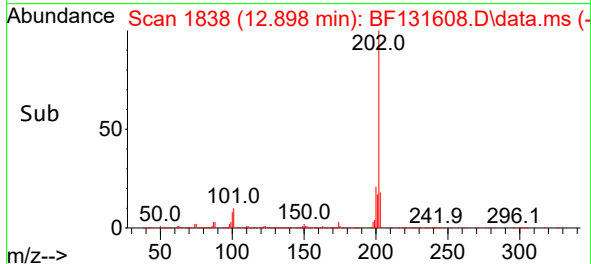
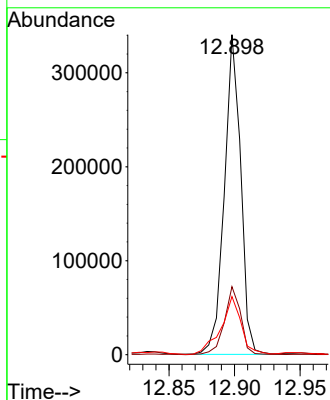
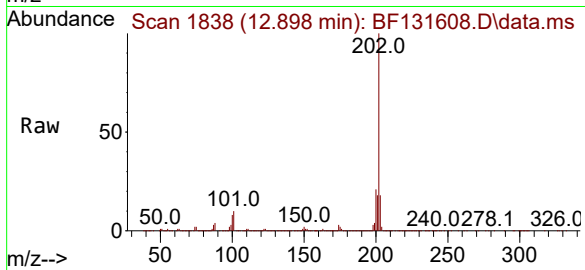




#78
Pyrene
Concen: 25.380 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

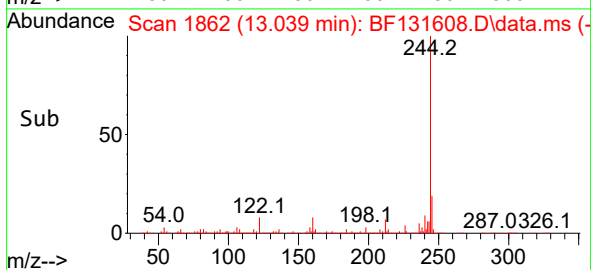
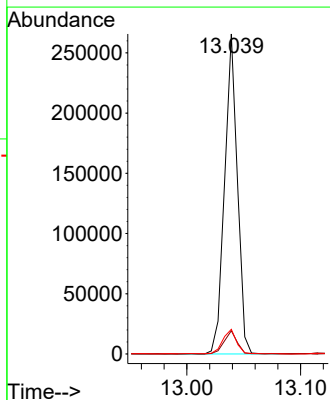
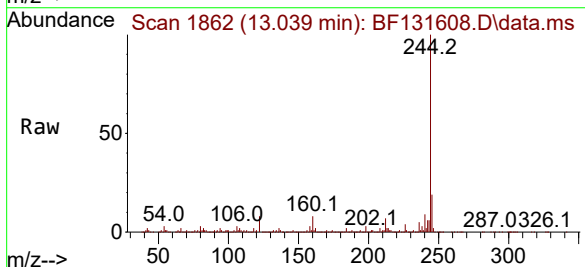
Instrument :
BNA_F
ClientSampleId :
2802-COMP

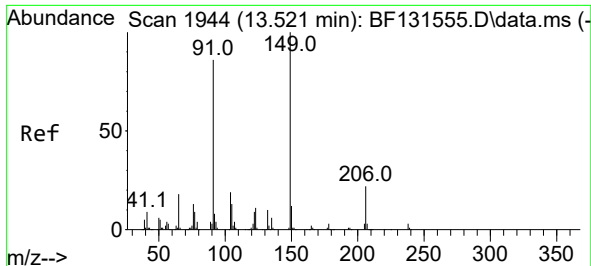
Tgt Ion:202 Resp: 293922
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 18.2 13.8 20.6



#79
Terphenyl-d14
Concen: 24.342 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

Tgt Ion:244 Resp: 208459
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 7.7 7.1 10.7

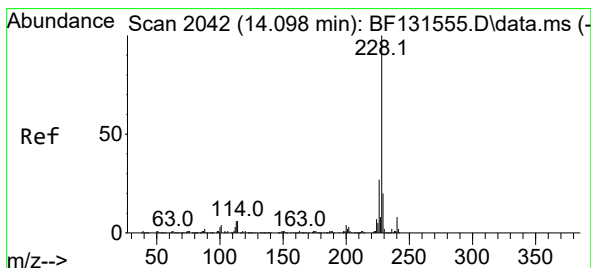
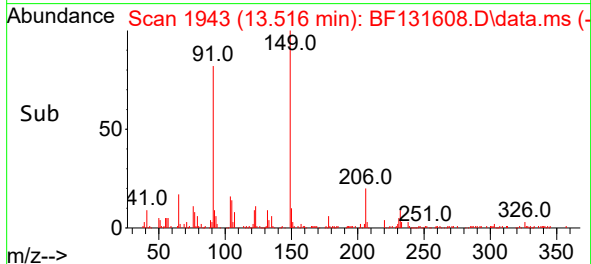
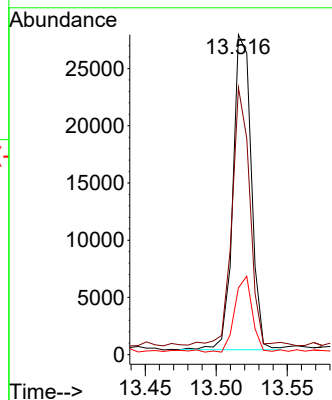
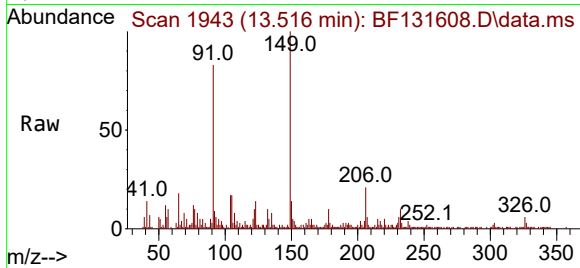




#80
Butylbenzylphthalate
Concen: 7.423 ng
RT: 13.516 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

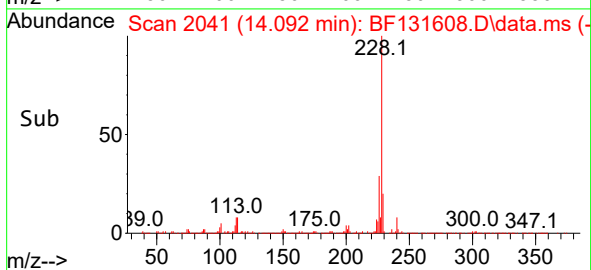
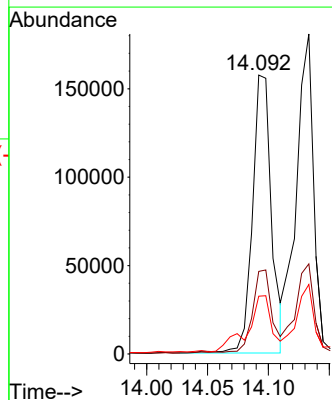
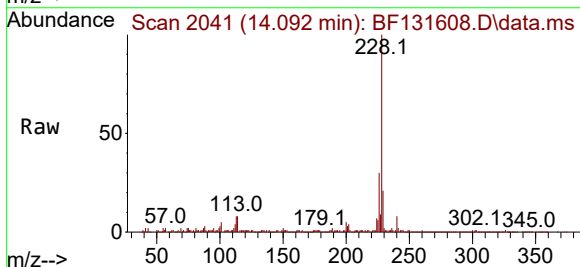
Instrument :
BNA_F
ClientSampleId :
2802-COMP

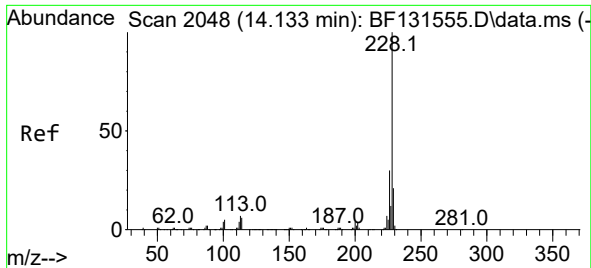
Tgt Ion:149 Resp: 24878
Ion Ratio Lower Upper
149 100
91 83.4 69.0 103.4
206 20.9 17.8 26.8



#81
Benzo(a)anthracene
Concen: 20.184 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

Tgt Ion:228 Resp: 171187
Ion Ratio Lower Upper
228 100
226 29.6 21.5 32.3
229 20.7 15.8 23.6

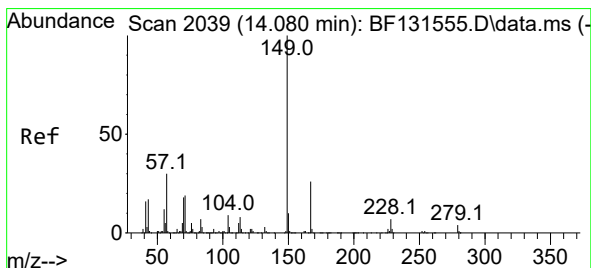
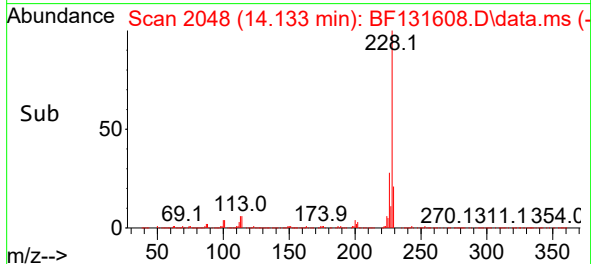
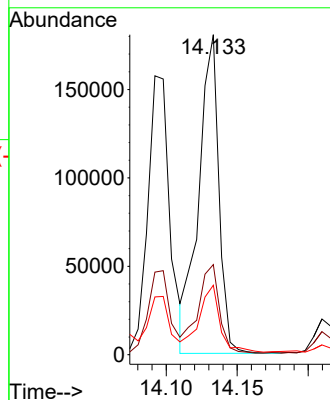
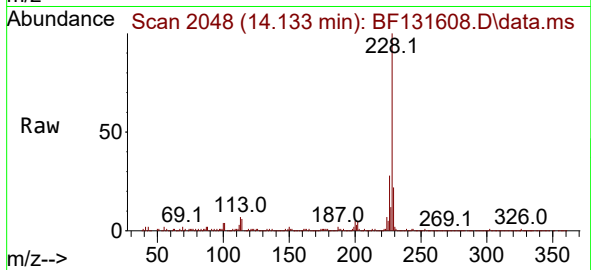




#83
Chrysene
Concen: 22.184 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

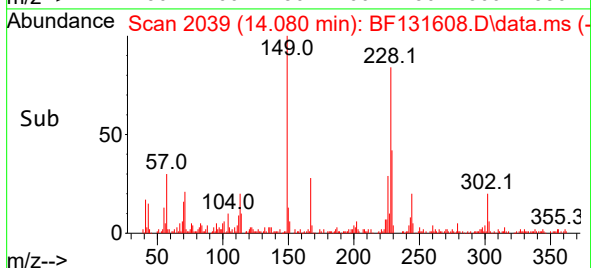
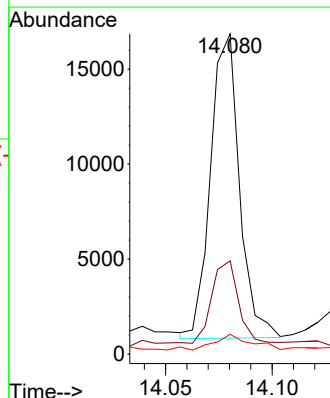
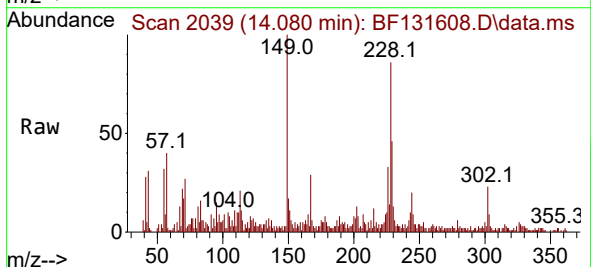
Instrument :
BNA_F
ClientSampleId :
2802-COMP

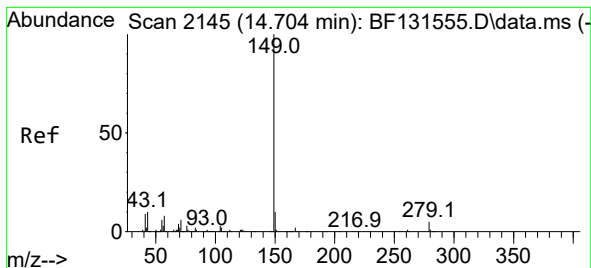
Tgt Ion:228 Resp: 178880
Ion Ratio Lower Upper
228 100
226 28.2 23.9 35.9
229 21.7 16.7 25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.136 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

Tgt Ion:149 Resp: 15126
Ion Ratio Lower Upper
149 100
167 29.1 20.8 31.2
279 6.1 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 5.287 ng

RT: 14.704 min Scan# 2145

Delta R.T. 0.006 min

Lab File: BF131608.D

Acq: 12 Dec 2022 23:25

Instrument :

BNA_F

ClientSampleId :

2802-COMP

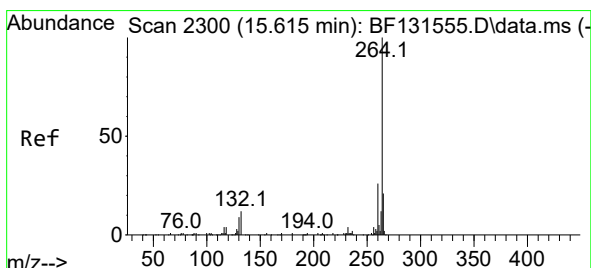
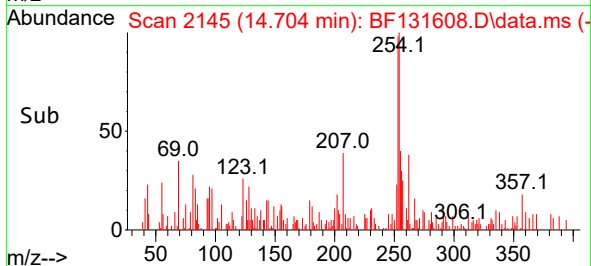
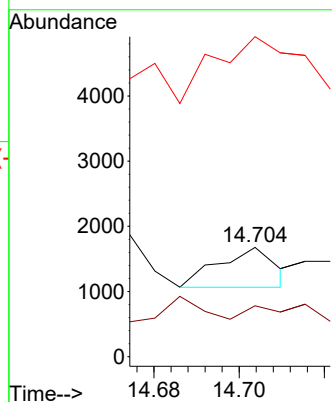
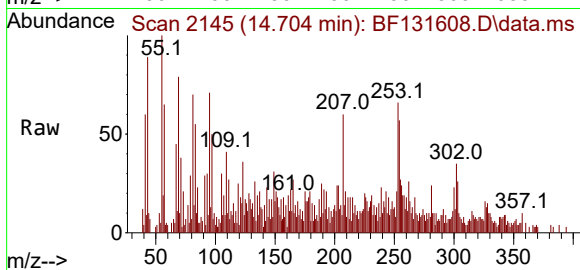
Tgt Ion:149 Resp: 571

Ion Ratio Lower Upper

149 100

167 39.8 1.2 1.8#

43 256.0 8.6 13.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 2301

Delta R.T. 0.006 min

Lab File: BF131608.D

Acq: 12 Dec 2022 23:25

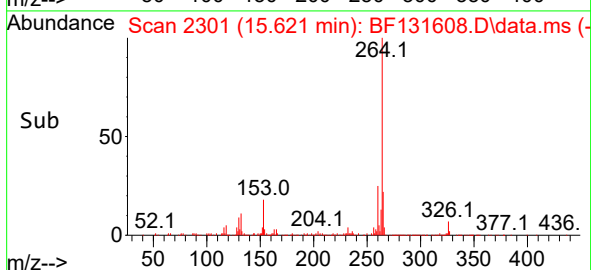
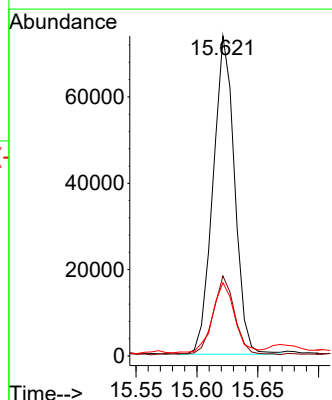
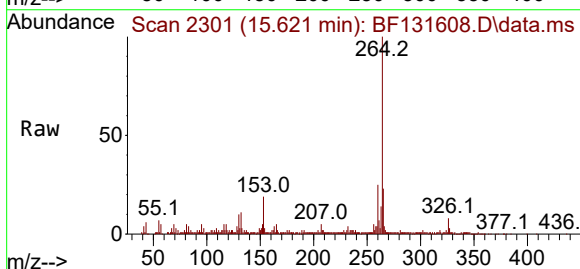
Tgt Ion:264 Resp: 90953

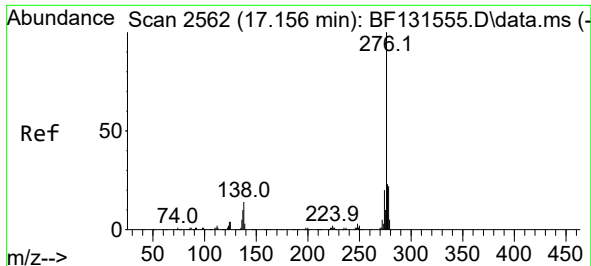
Ion Ratio Lower Upper

264 100

260 25.0 20.6 30.8

265 22.9 16.8 25.2

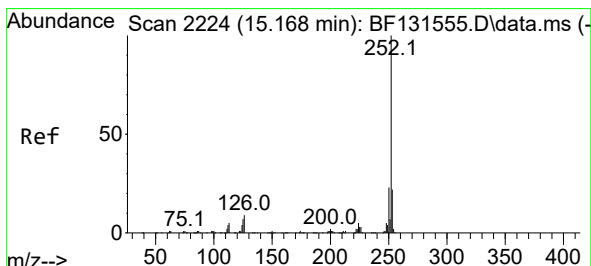
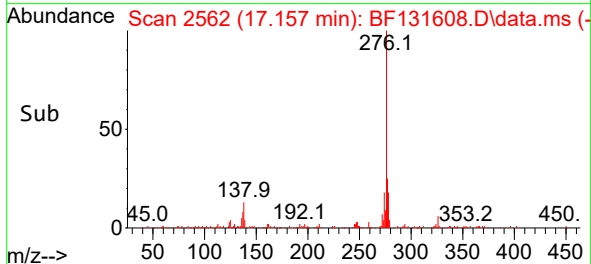
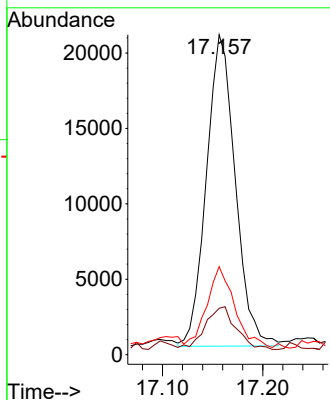
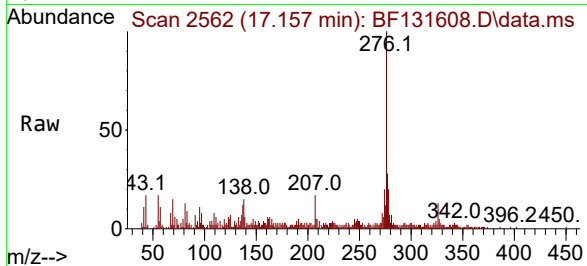




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.569 ng
 RT: 17.157 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131608.D
 Acq: 12 Dec 2022 23:25

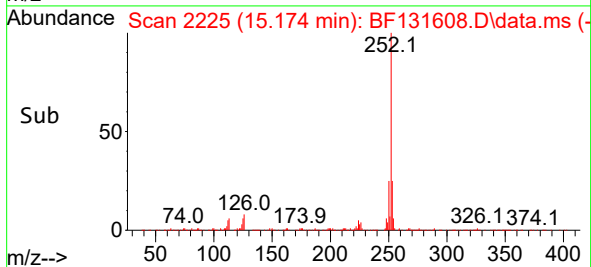
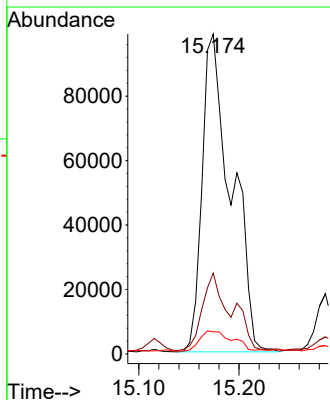
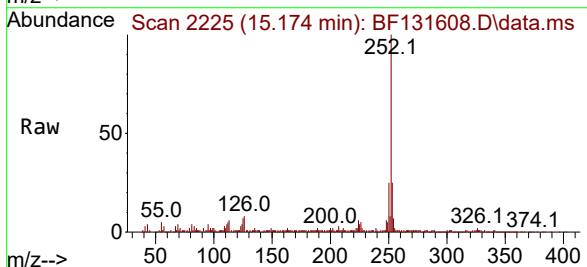
Instrument :
 BNA_F
 ClientSampleId :
 2802-COMP

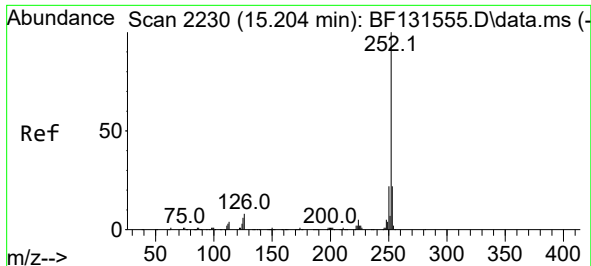
Tgt Ion:276 Resp: 41340
 Ion Ratio Lower Upper
 276 100
 138 14.6 12.7 19.1
 277 24.9 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 33.379 ng
 RT: 15.174 min Scan# 2225
 Delta R.T. 0.006 min
 Lab File: BF131608.D
 Acq: 12 Dec 2022 23:25

Tgt Ion:252 Resp: 200092
 Ion Ratio Lower Upper
 252 100
 253 25.3 17.7 26.5
 125 6.9 5.6 8.4

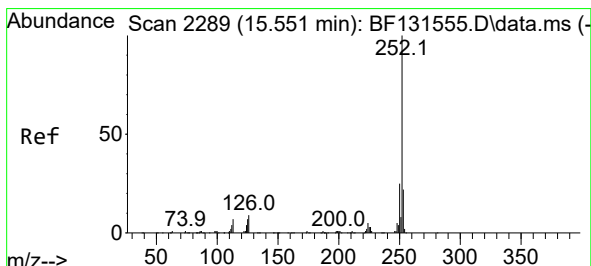
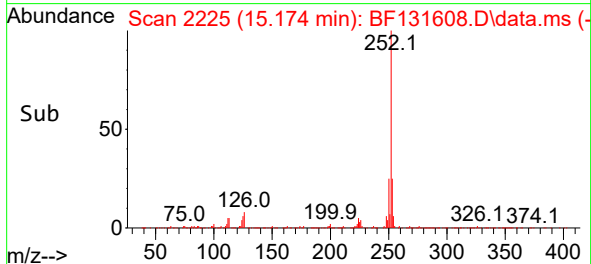
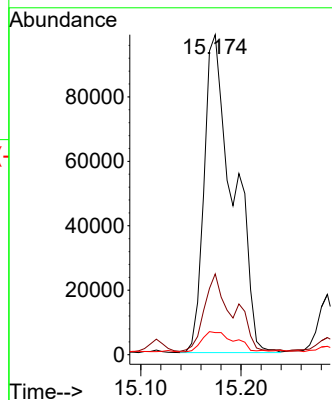
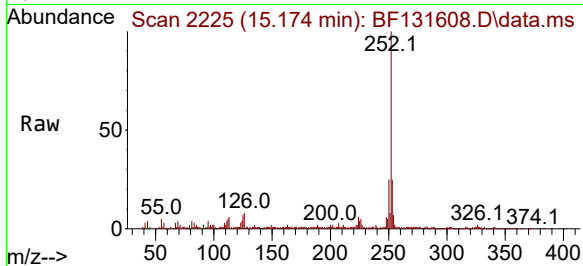




#89
Benzo(k)fluoranthene
Concen: 31.979 ng
RT: 15.174 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

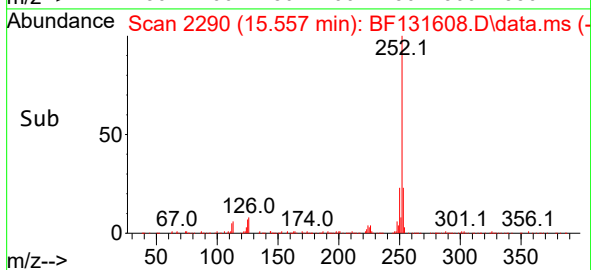
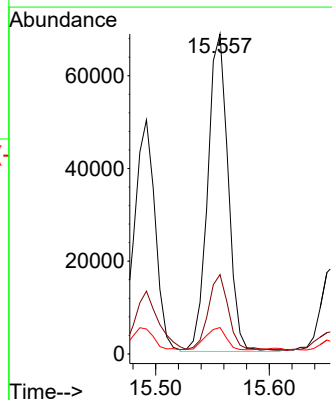
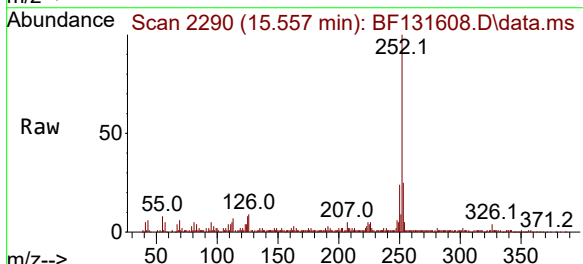
Instrument :
BNA_F
ClientSampleId :
2802-COMP

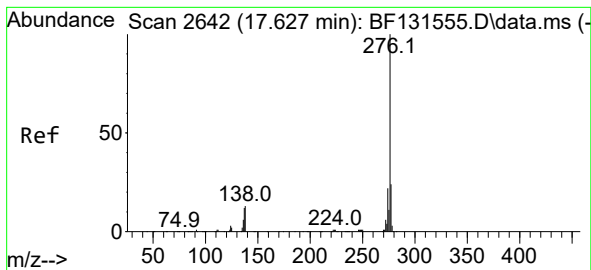
Tgt Ion:252 Resp: 200092
Ion Ratio Lower Upper
252 100
253 25.3 17.7 26.5
125 6.9 4.9 7.3



#90
Benzo(a)pyrene
Concen: 16.733 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF131608.D
Acq: 12 Dec 2022 23:25

Tgt Ion:252 Resp: 85602
Ion Ratio Lower Upper
252 100
253 24.8 17.5 26.3
125 8.3 5.6 8.4





#92

Benzo(g,h,i)perylene

Concen: 5.947 ng

RT: 17.627 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF131608.D

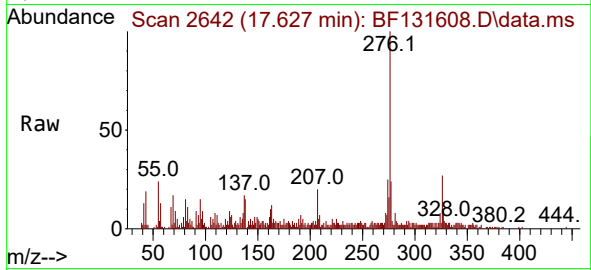
Acq: 12 Dec 2022 23:25

Instrument :

BNA_F

ClientSampleId :

2802-COMP



Tgt Ion:276 Resp: 36515

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 14.9 10.7 16.1

