

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131868.D
 Acq On : 28 Dec 2022 19:06
 Operator : CG\JU
 Sample : N6219-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-21147

Quant Time: Dec 29 00:59:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

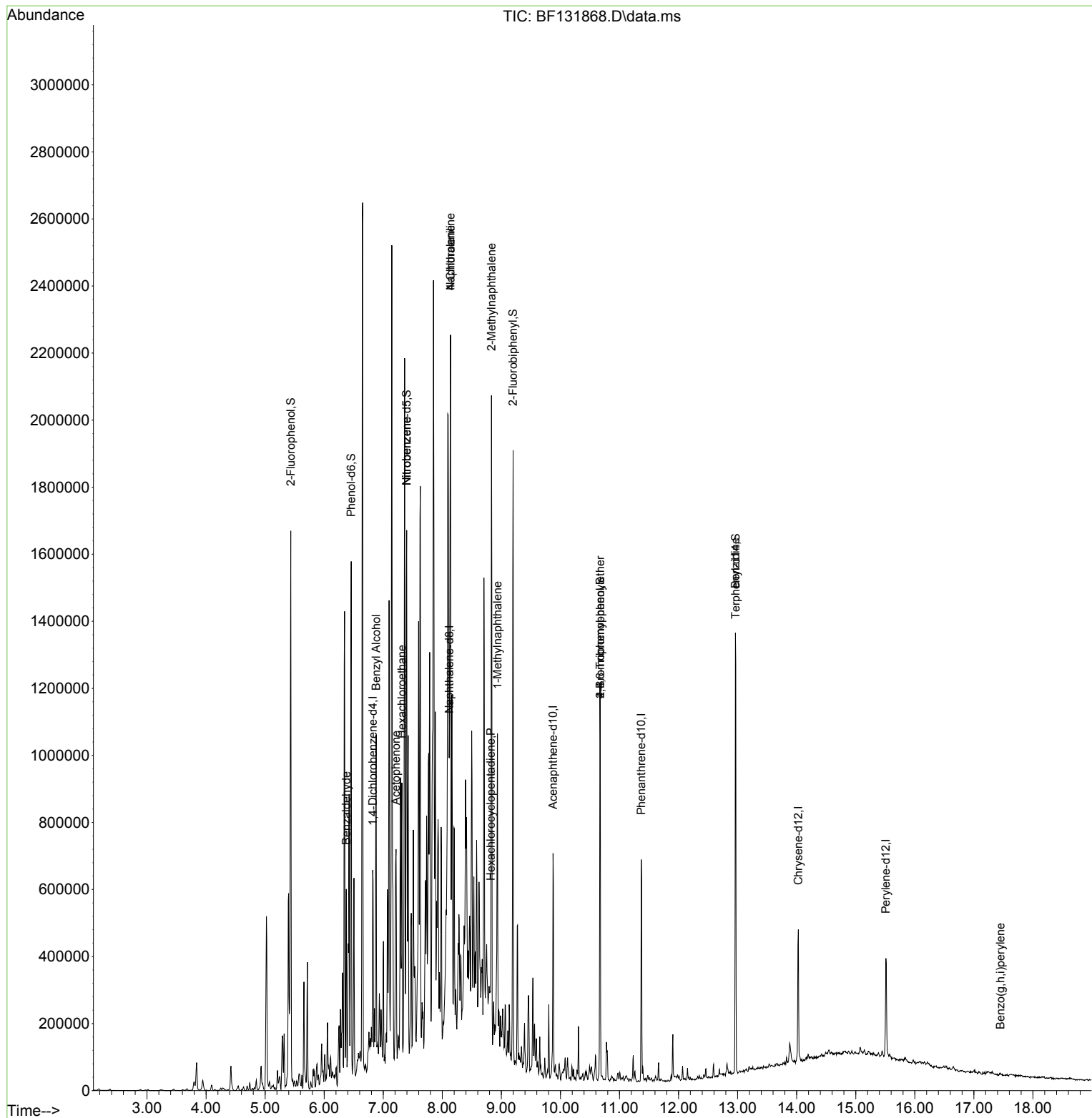
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	66079	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	229262	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	131721	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	241307	20.000	ng	#-0.02
76) Chrysene-d12	14.027	240	128160	20.000	ng	-0.01
86) Perylene-d12	15.510	264	141518	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	386614	96.960	ng	0.00
7) Phenol-d6	6.457	99	502254	95.875	ng	-0.01
23) Nitrobenzene-d5	7.398	82	342338	59.618	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	125139	87.439	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	516076	53.665	ng	-0.01
79) Terphenyl-d14	12.969	244	451376	59.575	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	22519	6.699	ng	# 1
15) Benzyl Alcohol	6.881	79	26515	5.772	ng	# 5
18) Hexachloroethane	7.316	117	21628	11.071	ng	# 1
22) Acetophenone	7.216	105	171368	25.496	ng	# 52
24) Nitrobenzene	7.398	77	16719	2.905	ng	# 21
31) Naphthalene	8.139	128	471511	37.554	ng	# 95
33) 4-Chloroaniline	8.139	127	73438	15.244	ng	# 42
37) 2-Methylnaphthalene	8.834	142	479689	56.925	ng	100
38) 1-Methylnaphthalene	8.934	142	205878	25.153	ng	99
41) Hexachlorocyclopentadiene	8.822	237	330	6.071	ng	77
67) 4-Bromophenyl-phenylether	10.675	248	8708	3.114	ng	# 1
77) Benzidine	12.963	184	6843	3.249	ng	# 84
92) Benzo(g,h,i)perylene	17.451	276	3809	5.637	ng	# 93

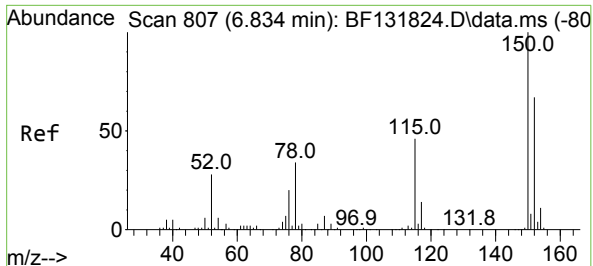
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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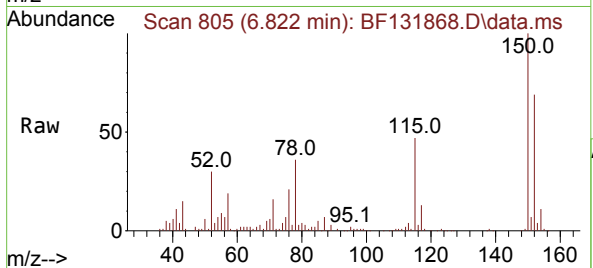
Quant Time: Dec 29 00:59:03 2022
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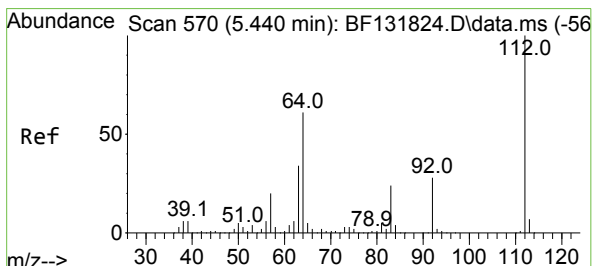
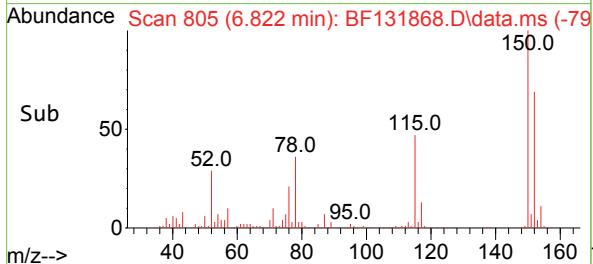
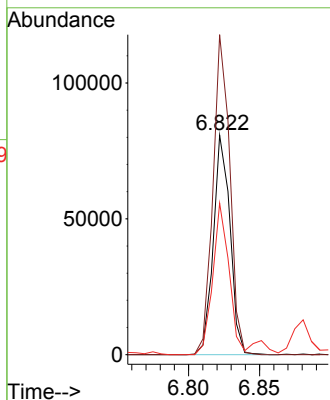


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

Instrument :
BNA_F
ClientSampleId :
RB-21147

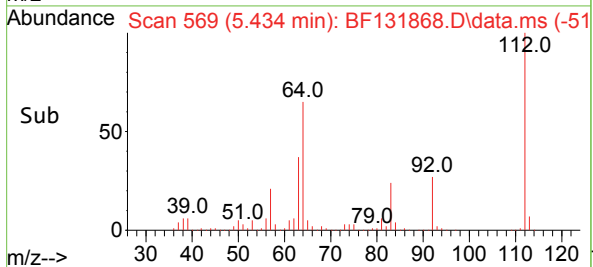
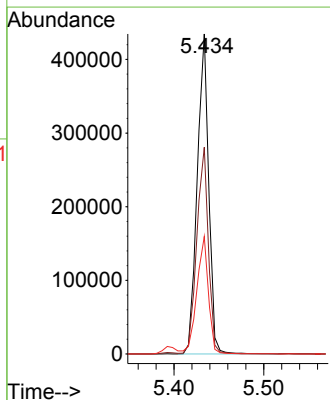
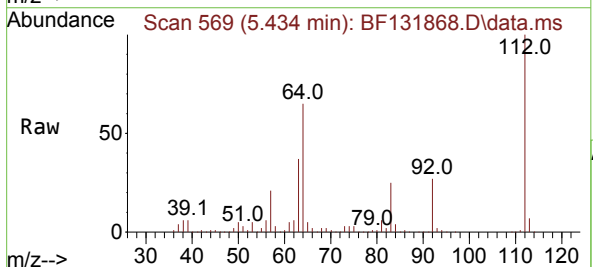


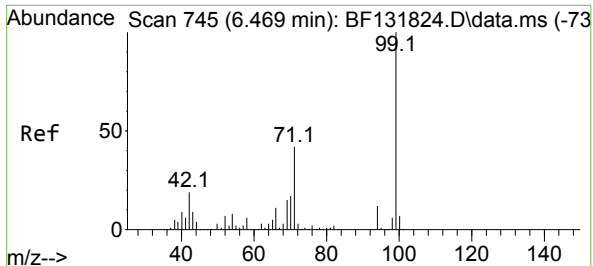
Tgt Ion:152 Resp: 66079
Ion Ratio Lower Upper
152 100
150 145.8 120.0 180.0
115 69.1 55.1 82.7



#5
2-Fluorophenol
Concen: 96.960 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

Tgt Ion:112 Resp: 386614
Ion Ratio Lower Upper
112 100
64 64.6 49.2 73.8
63 36.7 27.5 41.3

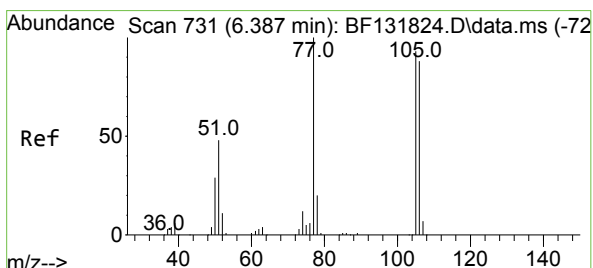
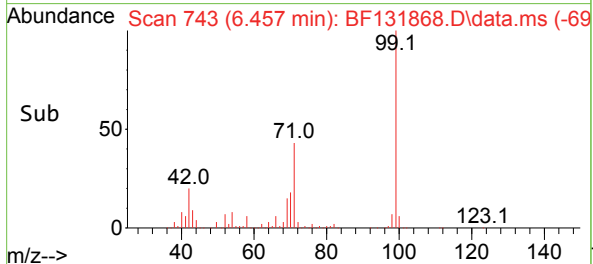
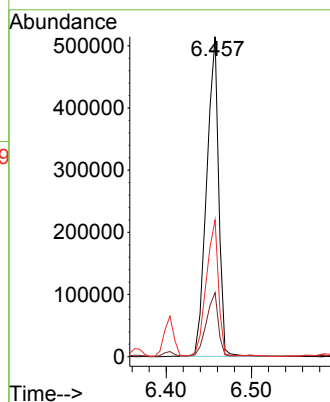
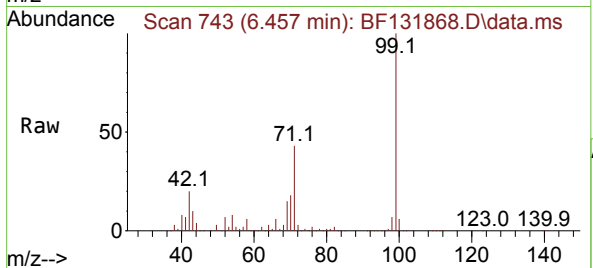




#7
Phenol-d6
Concen: 95.875 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

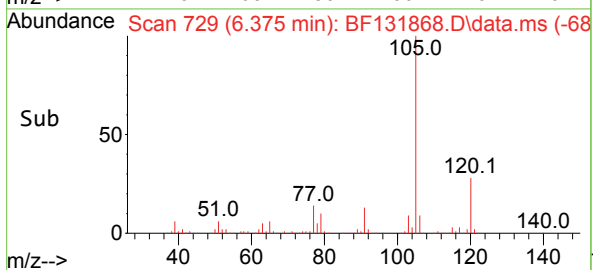
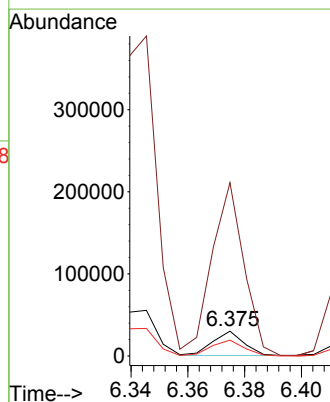
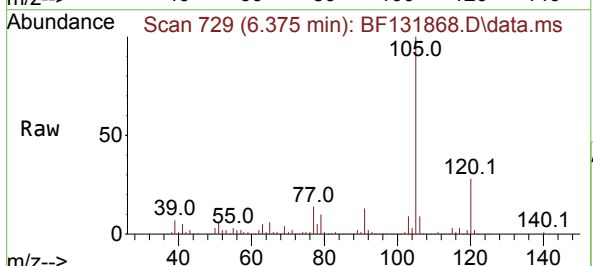
Instrument :
BNA_F
ClientSampleId :
RB-21147

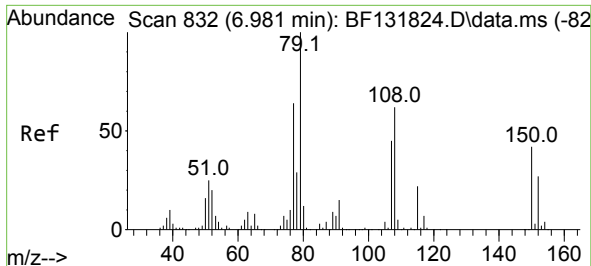
Tgt Ion: 99 Resp: 502254
Ion Ratio Lower Upper
99 100
42 20.0 15.3 22.9
71 42.7 33.5 50.3



#9
Benzaldehyde
Concen: 6.699 ng
RT: 6.375 min Scan# 729
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

Tgt Ion: 77 Resp: 22519
Ion Ratio Lower Upper
77 100
105 699.8 72.9 112.9#
106 64.0 68.5 108.5#

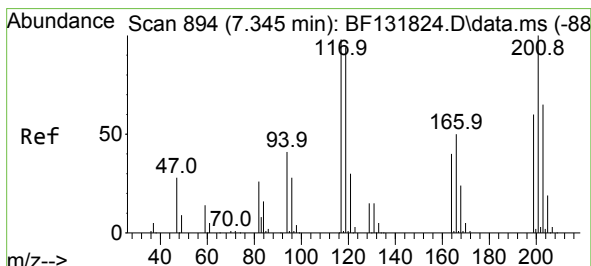
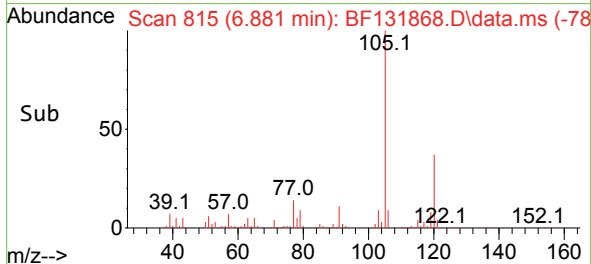
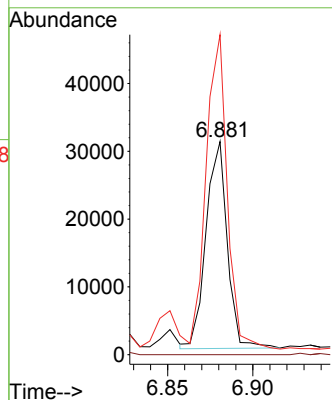
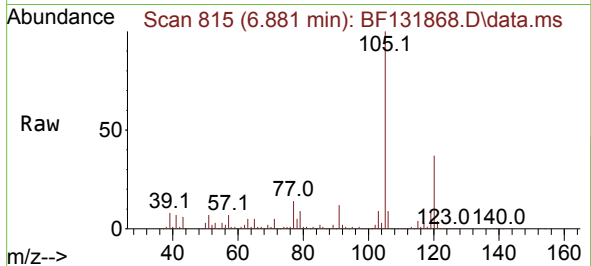




#15
Benzyl Alcohol
Concen: 5.772 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.100 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

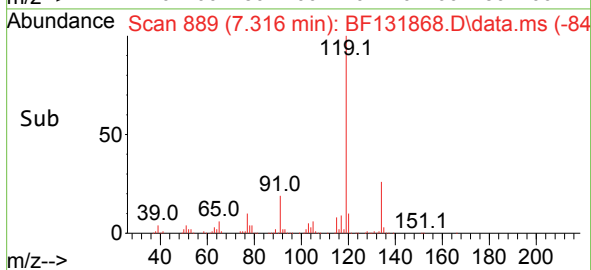
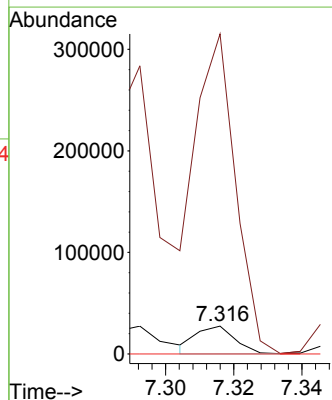
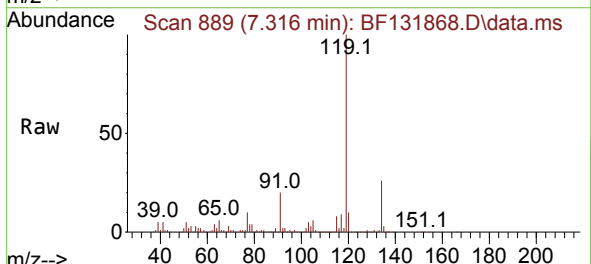
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BNA_F
ClientSampleId :
RB-21147

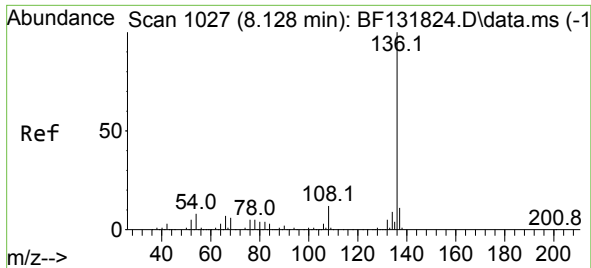
Tgt Ion: 79 Resp: 26515
Ion Ratio Lower Upper
79 100
108 0.0 49.8 74.8#
77 150.2 51.4 77.0#



#18
Hexachloroethane
Concen: 11.071 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.029 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

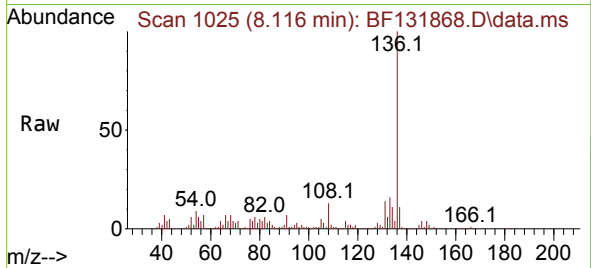
Tgt Ion: 117 Resp: 21628
Ion Ratio Lower Upper
117 100
119 1148.8 76.5 114.7#
201 0.0 81.7 122.5#



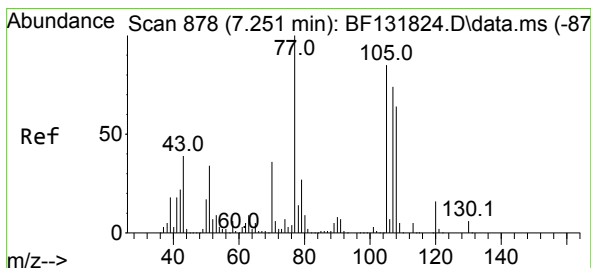
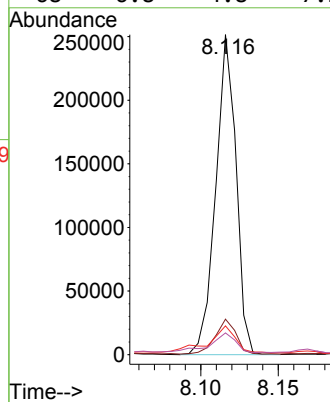
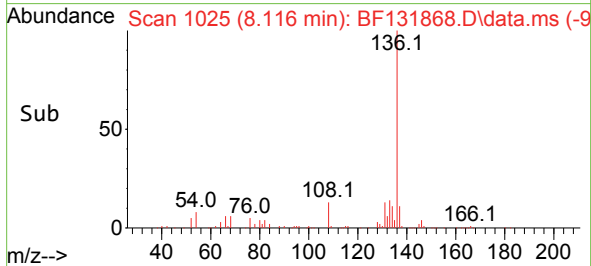


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

Instrument :
BNA_F
ClientSampleId :
RB-21147

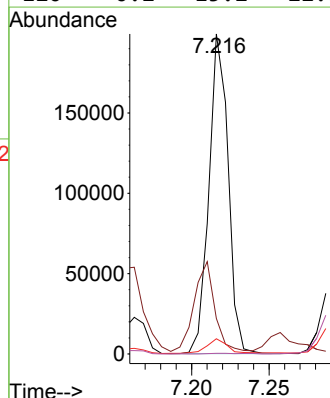
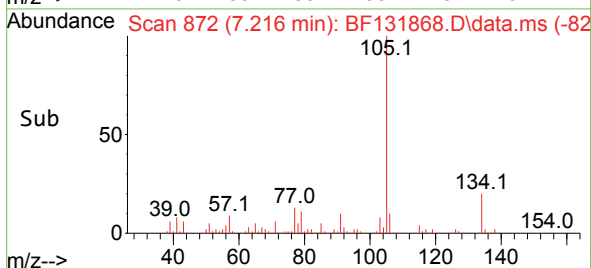
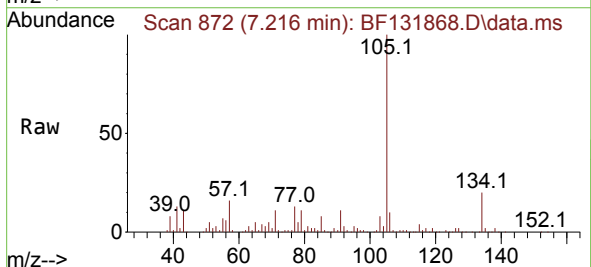


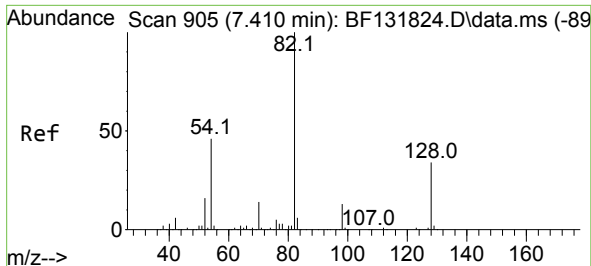
Tgt Ion:136 Resp: 229262
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.0 6.7 10.1
68 6.8 4.8 7.2



#22
Acetophenone
Concen: 25.496 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.035 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

Tgt Ion:105 Resp: 171368
Ion Ratio Lower Upper
105 100
71 11.1 5.4 8.0#
51 4.7 31.9 47.9#
120 0.2 15.2 22.8#





#23

Nitrobenzene-d5

Concen: 59.618 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF131868.D

Acq: 28 Dec 2022 19:06

Instrument :

BNA_F

ClientSampleId :

RB-21147

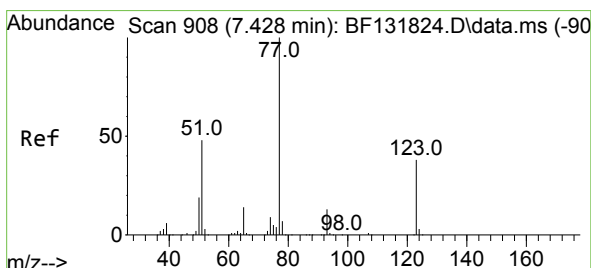
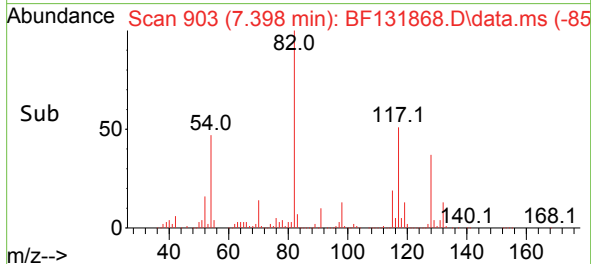
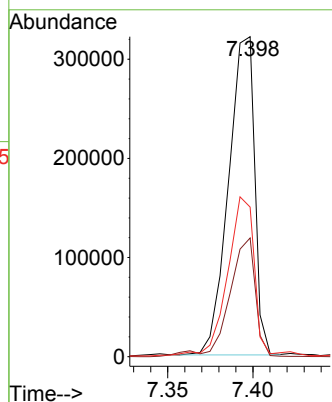
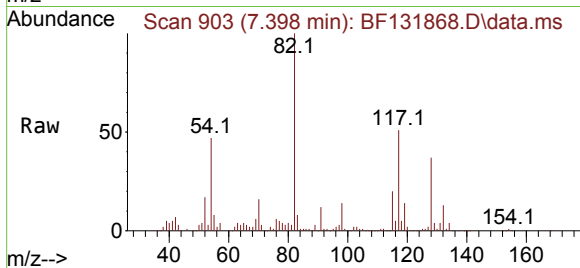
Tgt Ion: 82 Resp: 342338

Ion Ratio Lower Upper

82 100

128 37.1 27.1 40.7

54 46.7 37.0 55.6



#24

Nitrobenzene

Concen: 2.905 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.029 min

Lab File: BF131868.D

Acq: 28 Dec 2022 19:06

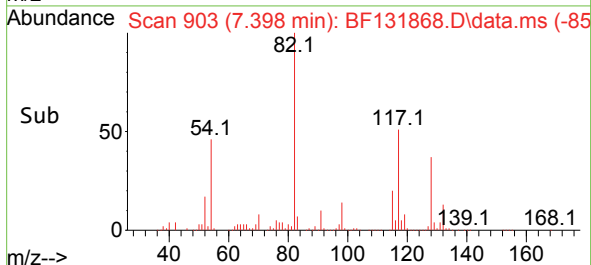
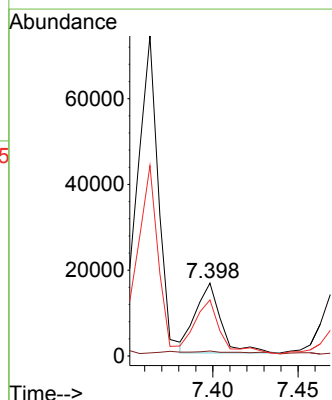
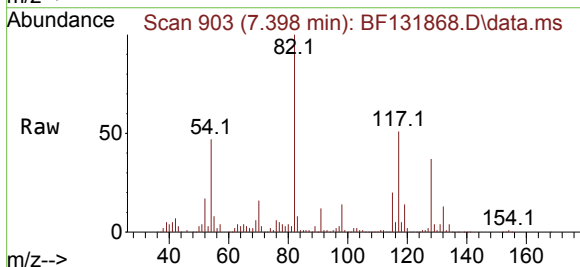
Tgt Ion: 77 Resp: 16719

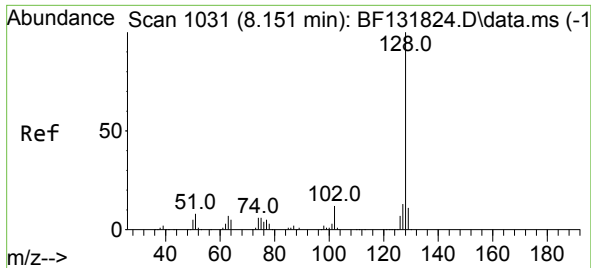
Ion Ratio Lower Upper

77 100

123 6.9 30.4 45.6#

65 76.9 11.1 16.7#

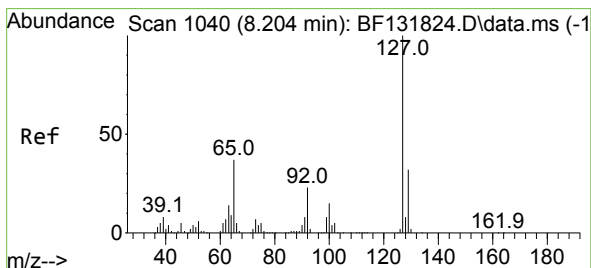
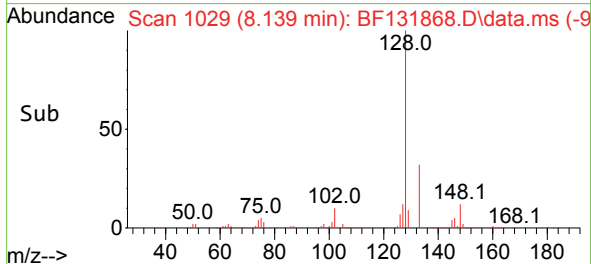
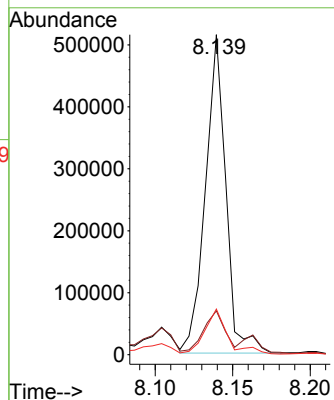
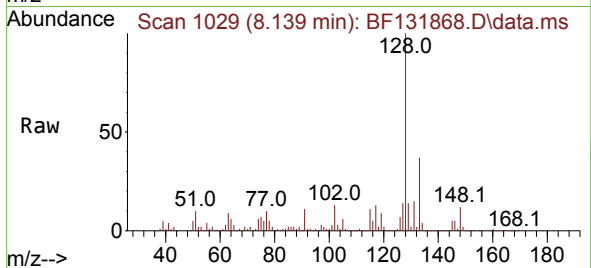




#31
Naphthalene
Concen: 37.554 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

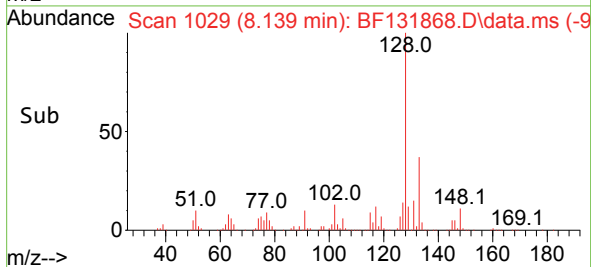
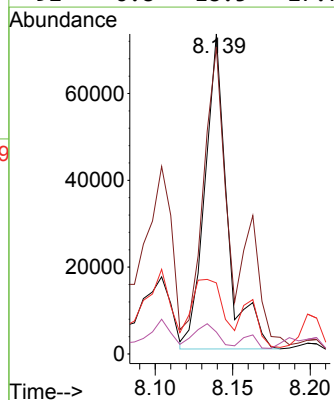
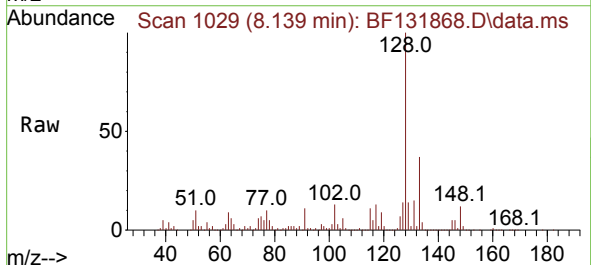
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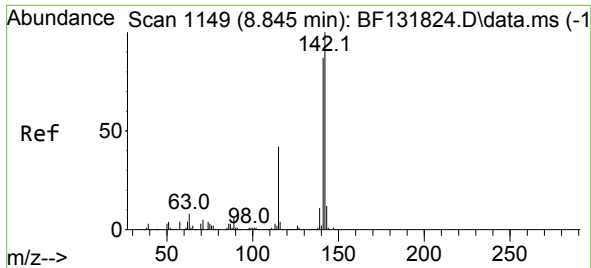
Tgt Ion:128 Resp: 471511
Ion Ratio Lower Upper
128 100
129 13.7 8.6 13.0#
127 14.3 10.6 15.8



#33
4-Chloroaniline
Concen: 15.244 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.065 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

Tgt Ion:127 Resp: 73438
Ion Ratio Lower Upper
127 100
129 95.9 25.8 38.8#
65 22.2 29.7 44.5#
92 6.8 18.5 27.7#

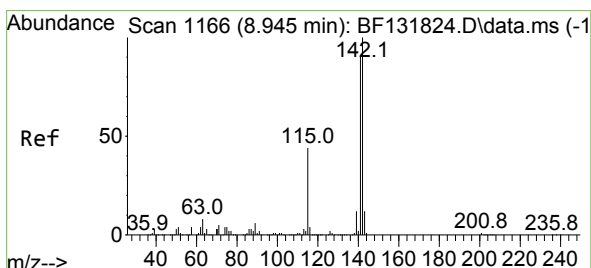
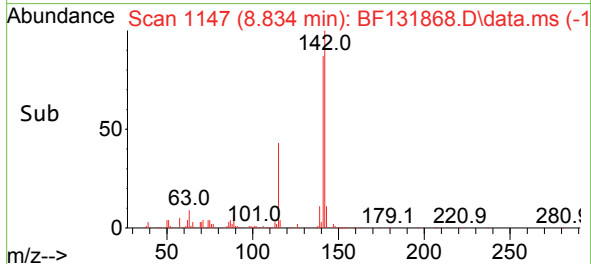
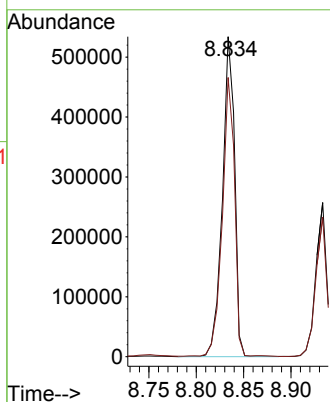
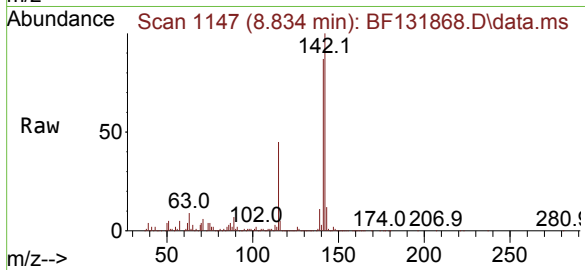




#37
2-Methylnaphthalene
Concen: 56.925 ng
RT: 8.834 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

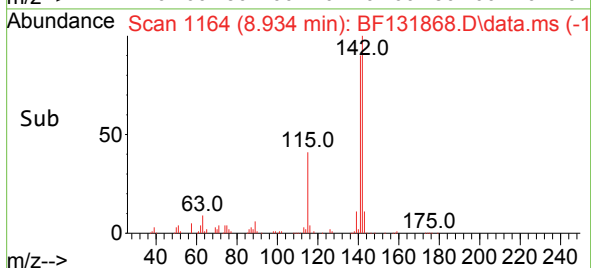
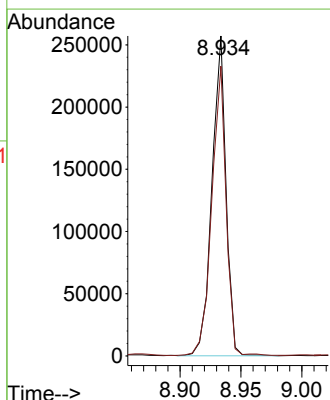
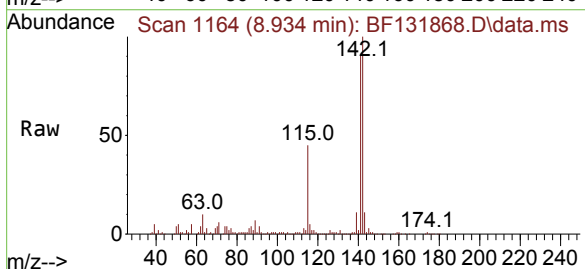
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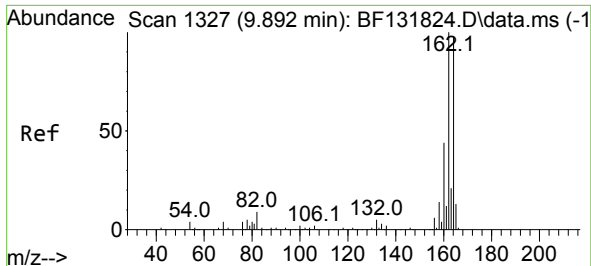
Tgt Ion:142 Resp: 479689
Ion Ratio Lower Upper
142 100
141 87.2 69.8 104.8



#38
1-Methylnaphthalene
Concen: 25.153 ng
RT: 8.934 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

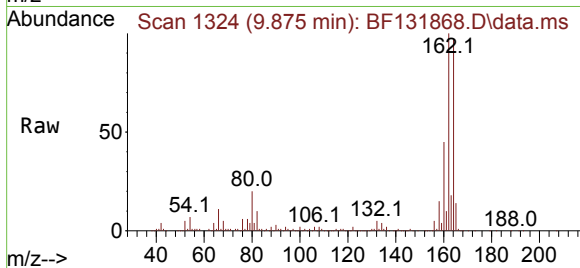
Tgt Ion:142 Resp: 205878
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.6



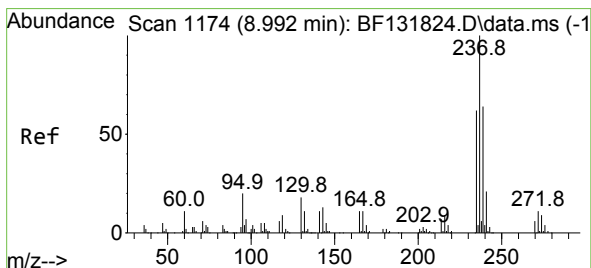
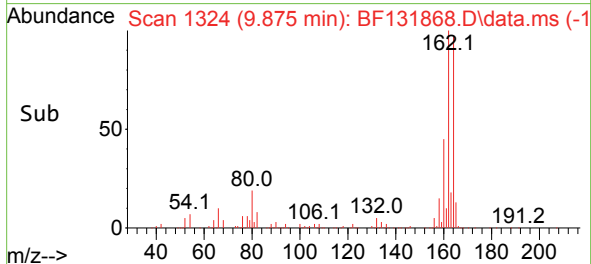
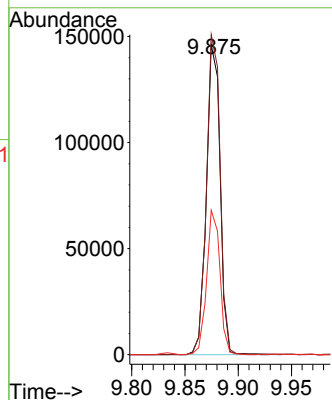


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1145
Delta R.T. -0.018 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

Instrument :
BNA_F
ClientSampleId :
RB-21147

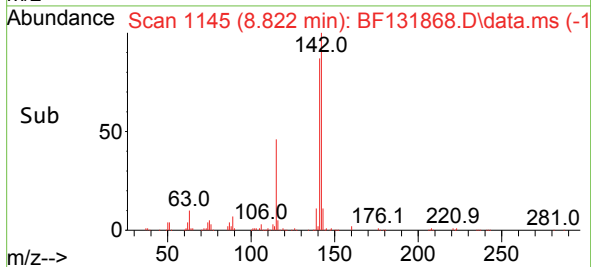
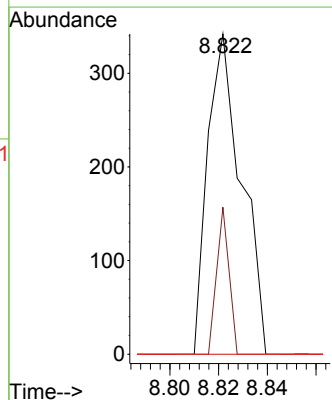
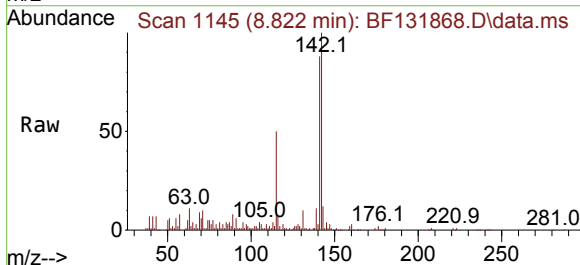


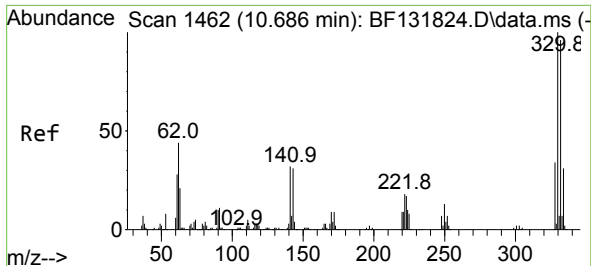
Tgt Ion:164 Resp: 131721
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.6
160 46.5 35.7 53.5



#41
Hexachlorocyclopentadiene
Concen: 6.071 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.170 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

Tgt Ion:237 Resp: 330
Ion Ratio Lower Upper
237 100
235 45.9 42.3 82.3
272 0.0 0.0 31.4

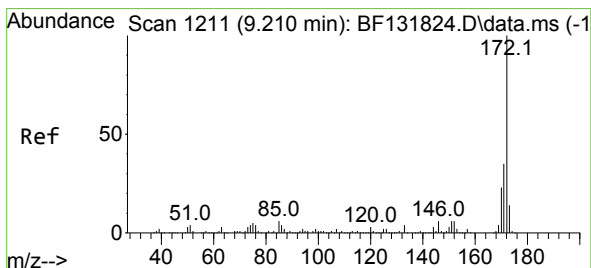
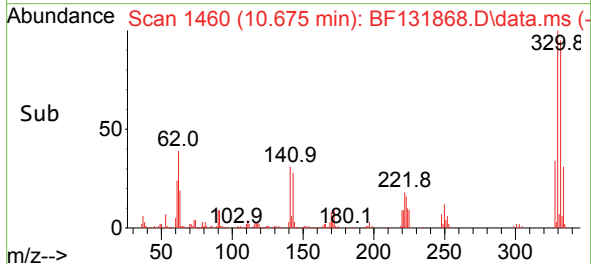
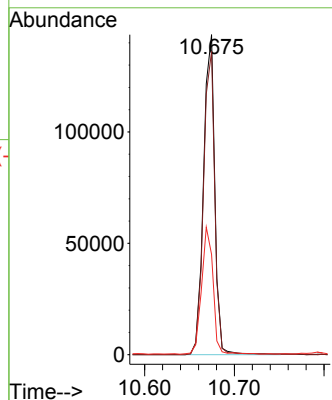
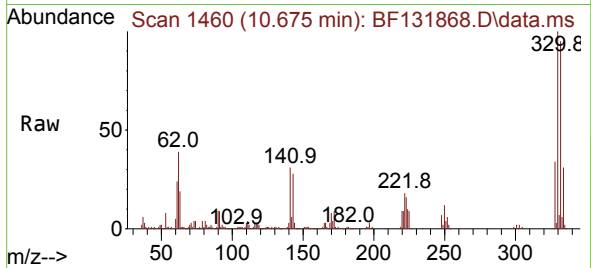




#42
2,4,6-Tribromophenol
Concen: 87.439 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

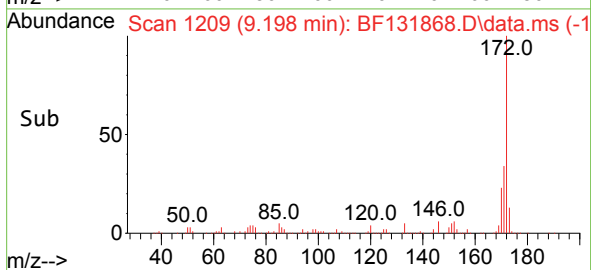
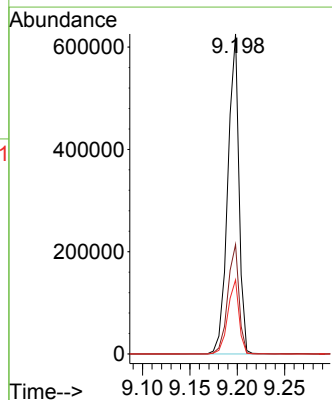
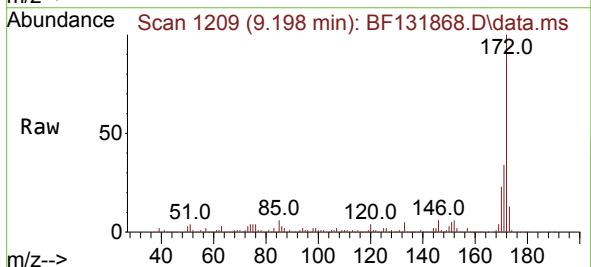
Instrument :
BNA_F
ClientSampleId :
RB-21147

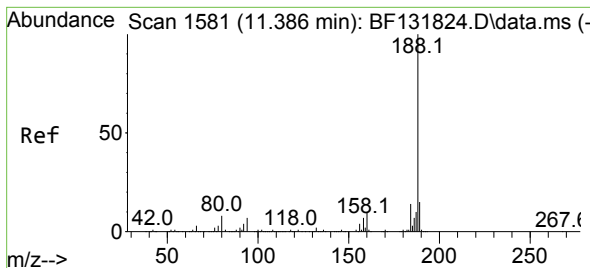
Tgt Ion:330 Resp: 125139
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.4
141 40.7 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 53.665 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

Tgt Ion:172 Resp: 516076
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF131868.D

Acq: 28 Dec 2022 19:06

Instrument :

BNA_F

ClientSampleId :

RB-21147

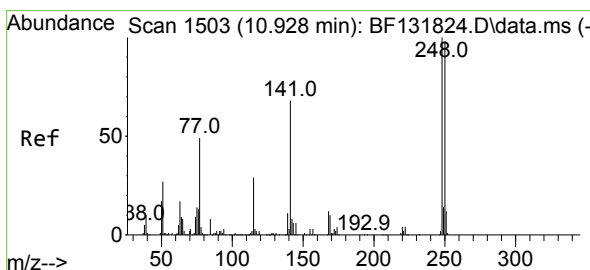
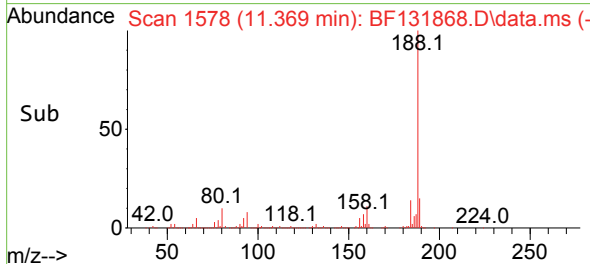
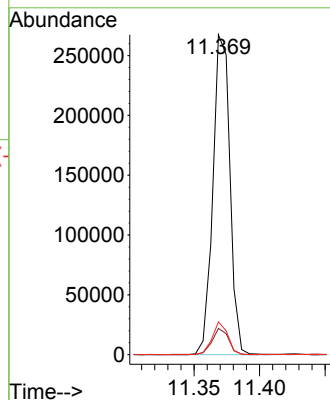
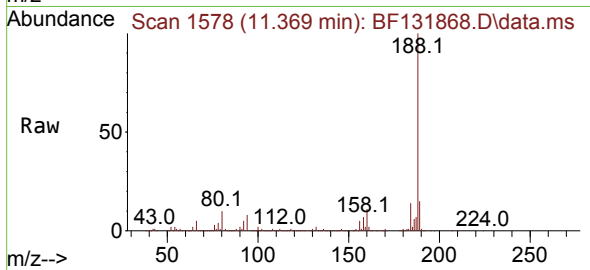
Tgt Ion:188 Resp: 241307

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.6

80 10.3 6.7 10.1#



#67

4-Bromophenyl-phenylether

Concen: 3.114 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF131868.D

Acq: 28 Dec 2022 19:06

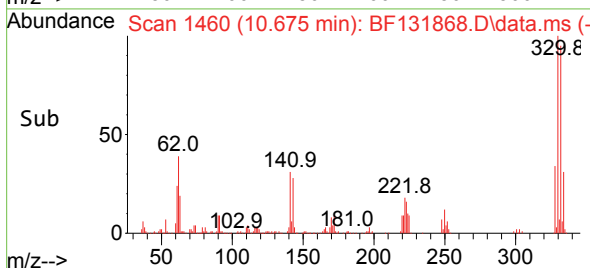
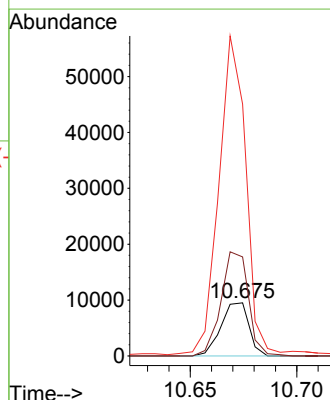
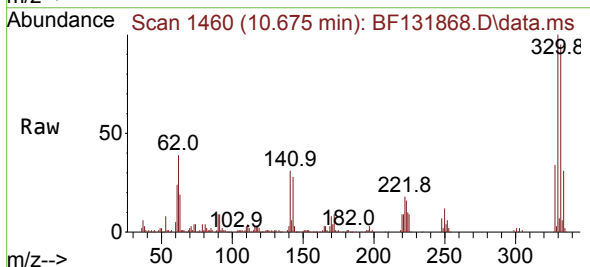
Tgt Ion:248 Resp: 8708

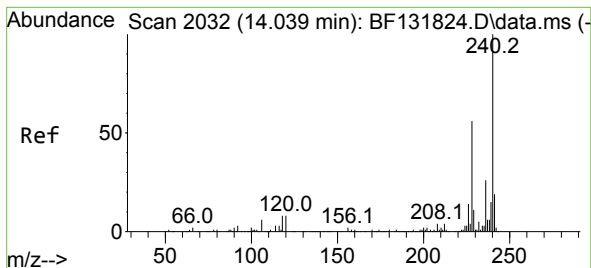
Ion Ratio Lower Upper

248 100

250 186.4 78.0 117.0#

141 474.2 54.8 82.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF131868.D

Acq: 28 Dec 2022 19:06

Instrument :

BNA_F

ClientSampleId :

RB-21147

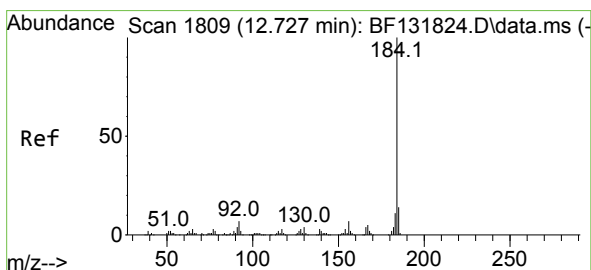
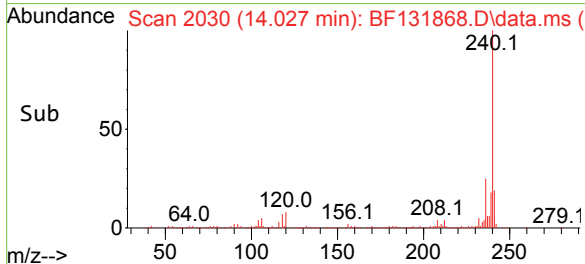
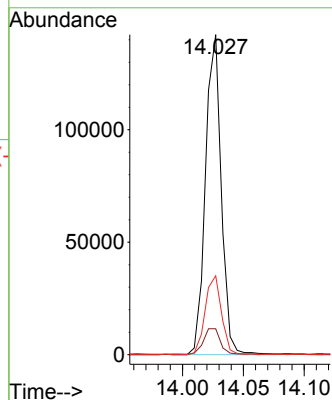
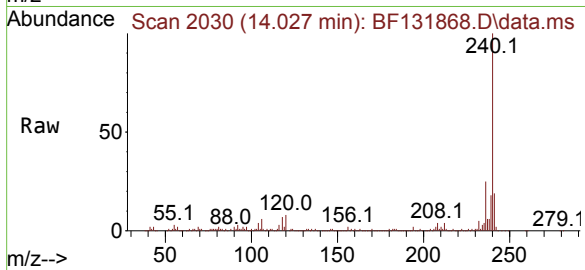
Tgt Ion:240 Resp: 128160

Ion Ratio Lower Upper

240 100

120 8.1 6.7 10.1

236 24.7 20.6 31.0



#77

Benzidine

Concen: 3.249 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.235 min

Lab File: BF131868.D

Acq: 28 Dec 2022 19:06

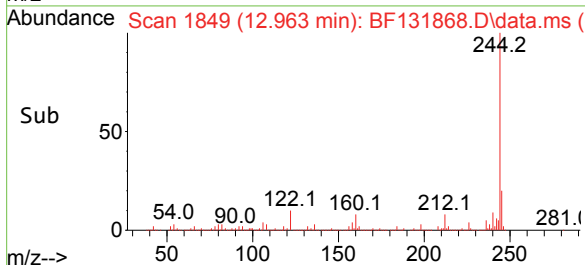
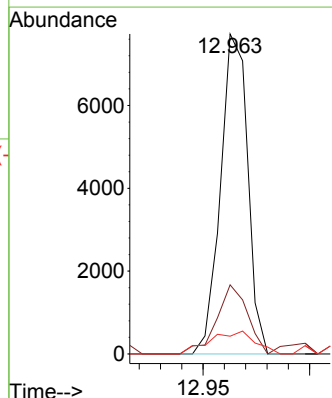
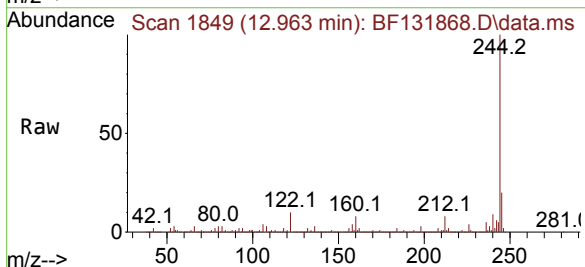
Tgt Ion:184 Resp: 6843

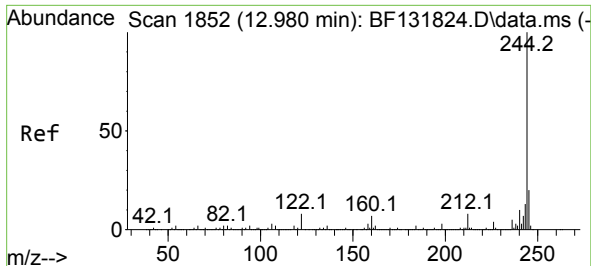
Ion Ratio Lower Upper

184 100

185 21.6 11.6 17.4#

183 5.6 9.0 13.4#

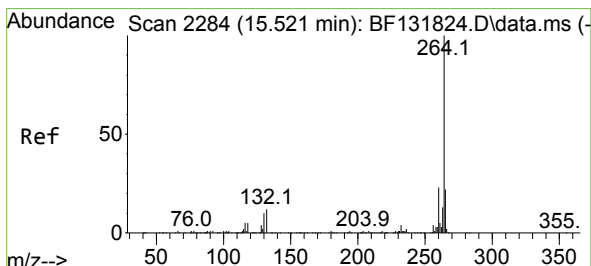
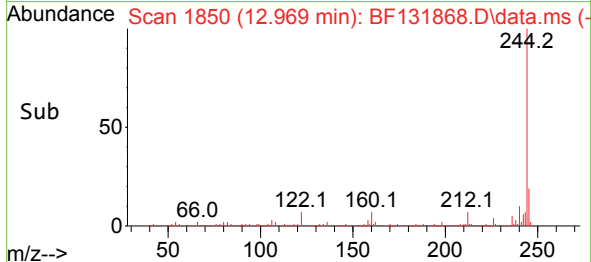
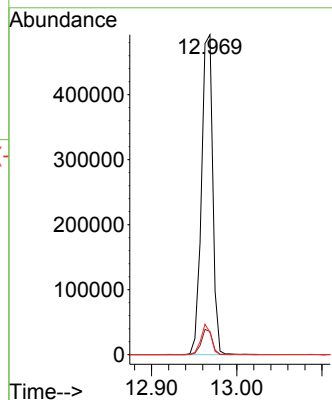
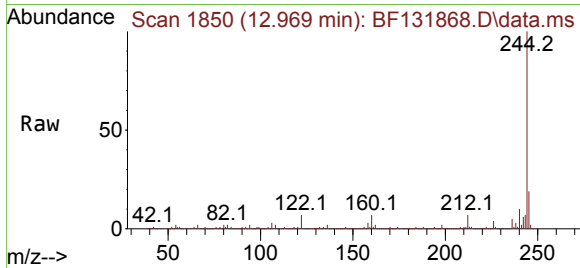




#79
 Terphenyl-d14
 Concen: 59.575 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.012 min
 Lab File: BF131868.D
 Acq: 28 Dec 2022 19:06

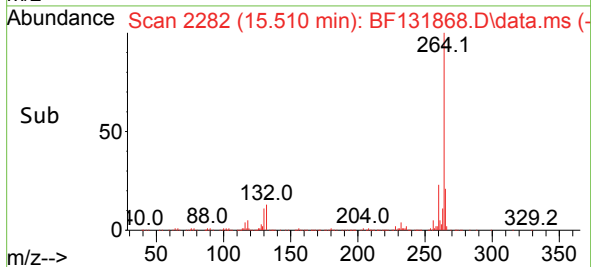
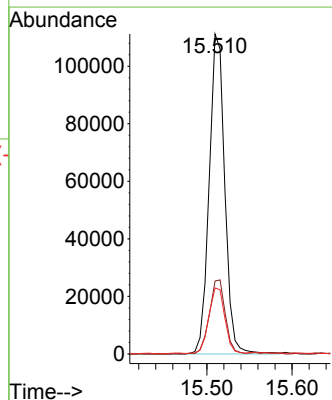
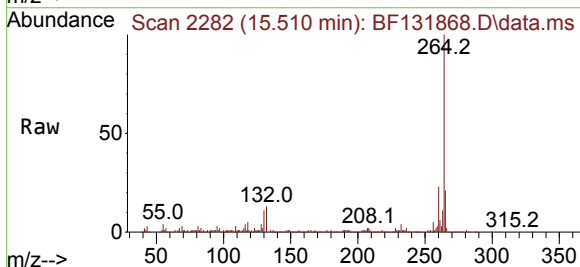
Instrument :
 BNA_F
 ClientSampleId :
 RB-21147

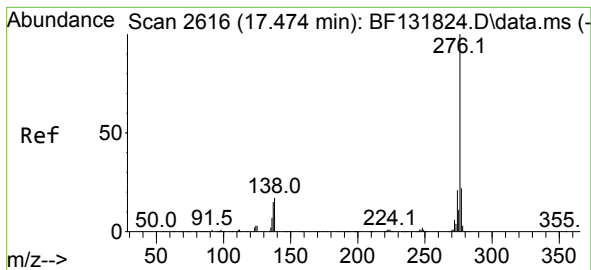
Tgt Ion:244 Resp: 451376
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 7.0 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF131868.D
 Acq: 28 Dec 2022 19:06

Tgt Ion:264 Resp: 141518
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 20.7 17.4 26.0





#92

Benzo(g,h,i)perylene

Concen: 5.637 ng

RT: 17.451 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF131868.D

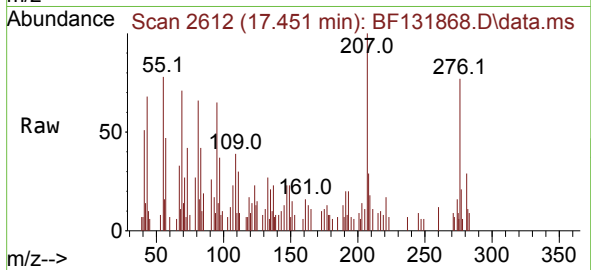
Acq: 28 Dec 2022 19:06

Instrument :

BNA_F

ClientSampleId :

RB-21147



Tgt Ion:276 Resp: 3809

Ion Ratio Lower Upper

276 100

277 27.4 17.9 26.9#

138 18.2 13.7 20.5

