

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131941.D
 Acq On : 06 Jan 2023 14:53
 Operator : CG\JU
 Sample : N6244-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 00:21:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 23:58:27 2023
 Response via : Initial Calibration

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

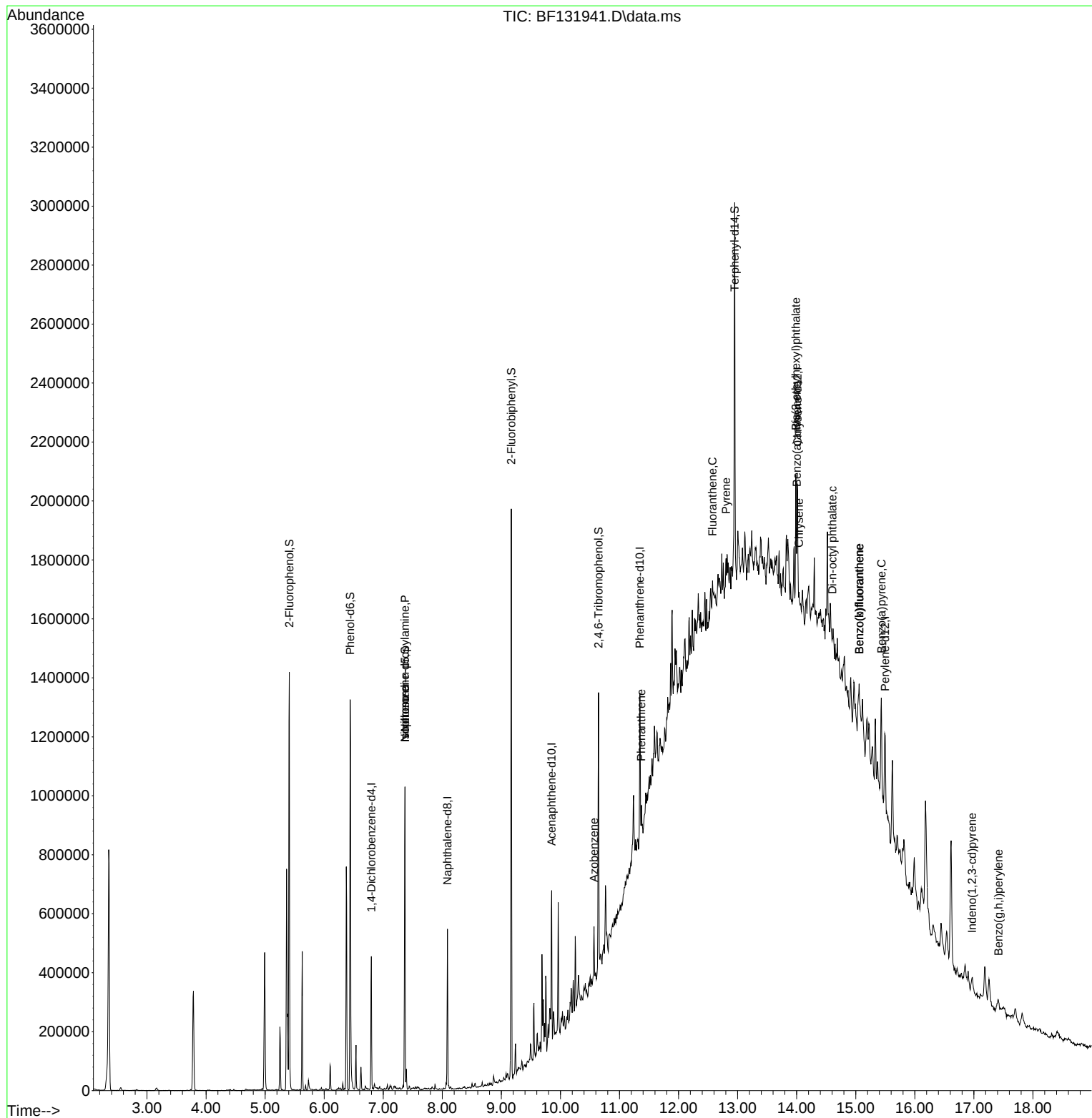
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	57110	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	194761	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	95593	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	150661	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	122504	20.000	ng	# 0.02
86) Perylene-d12	15.498	264	98304	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	341713	99.158	ng	0.01
7) Phenol-d6	6.439	99	439093	96.982	ng	0.00
23) Nitrobenzene-d5	7.369	82	316544	64.891	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	87847	84.580	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	482463	69.131	ng	0.00
79) Terphenyl-d14	12.951	244	406782	56.168	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	47533	14.865	ng	# 76
25) Isophorone	7.369	82	315764	39.637	ng	# 69
63) Azobenzene	10.569	77	33641	4.355	ng	# 1
71) Phenanthrene	11.369	178	24871	3.002	ng	# 85
75) Fluoranthene	12.574	202	37080	3.842	ng	83
78) Pyrene	12.804	202	40138	3.909	ng	# 85
81) Benzo(a)anthracene	14.004	228	28503	3.214	ng	# 80
83) Chrysene	14.039	228	31025	3.722	ng	# 79
84) Bis(2-ethylhexyl)phtha...	13.986	149	117139	25.261	ng	100
85) Di-n-octyl phthalate	14.604	149	18558	2.973	ng	# 76
87) Indeno(1,2,3-cd)pyrene	16.968	276	27202	4.356	ng	95
88) Benzo(b)fluoranthene	15.062	252	64209	8.908	ng	# 67
89) Benzo(k)fluoranthene	15.062	252	64209	9.220	ng	# 67
90) Benzo(a)pyrene	15.433	252	35254	6.317	ng	# 68
92) Benzo(g,h,i)perylene	17.415	276	28390	9.426	ng	# 91

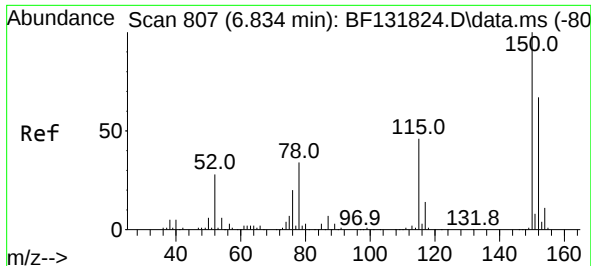
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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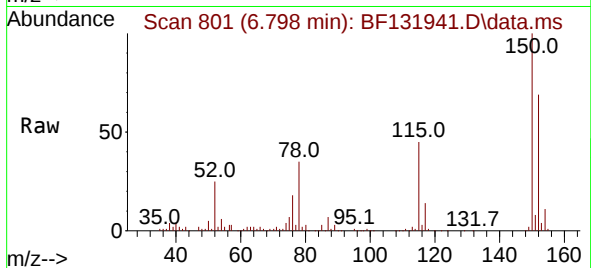
Quant Time: Jan 07 00:21:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 23:58:27 2023
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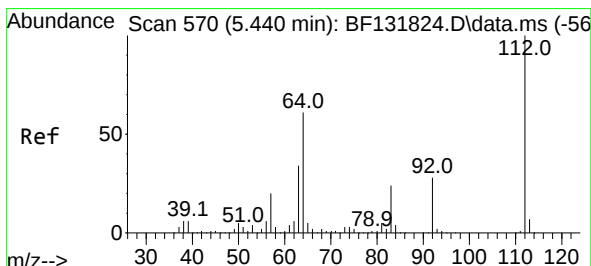
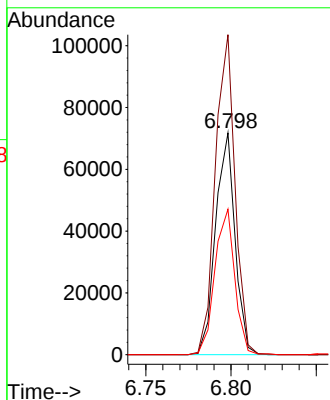
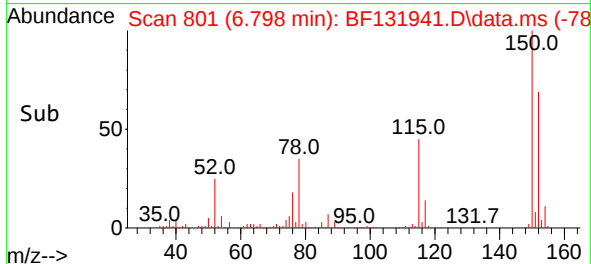


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

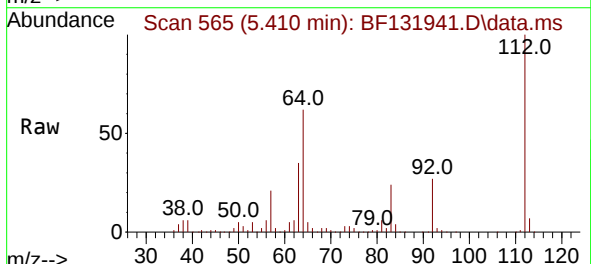
Instrument :
BNA_F
ClientSampleId :



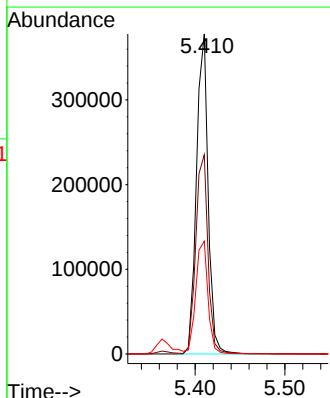
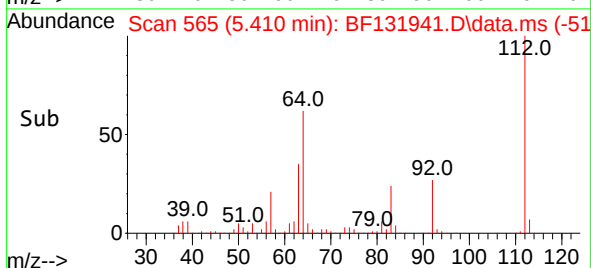
Tgt Ion:152 Resp: 57110
Ion Ratio Lower Upper
152 100
150 144.3 120.0 180.0
115 65.6 55.1 82.7

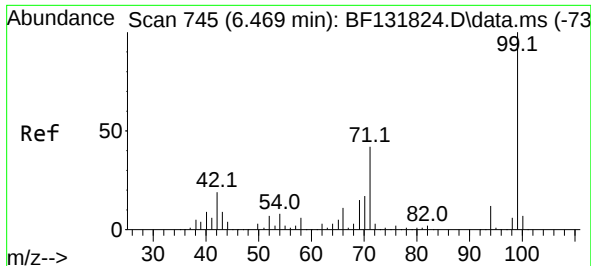


#5
2-Fluorophenol
Concen: 99.158 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53



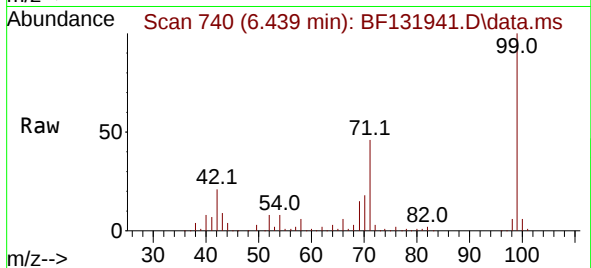
Tgt Ion:112 Resp: 341713
Ion Ratio Lower Upper
112 100
64 62.2 49.2 73.8
63 35.2 27.5 41.3



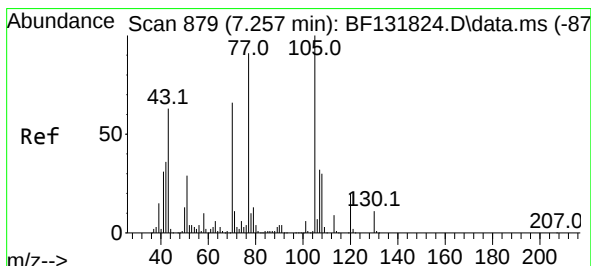
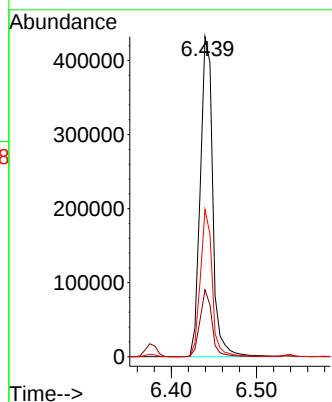
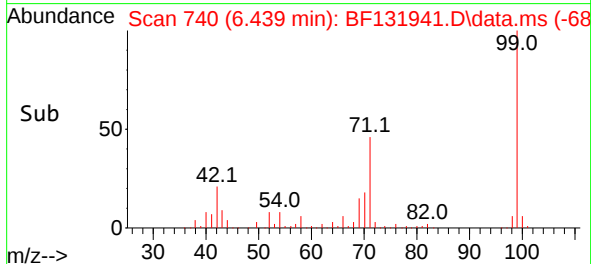


#7
Phenol-d6
Concen: 96.982 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

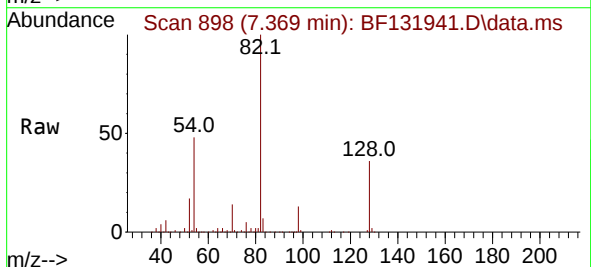
Instrument :
BNA_F
ClientSampleId :



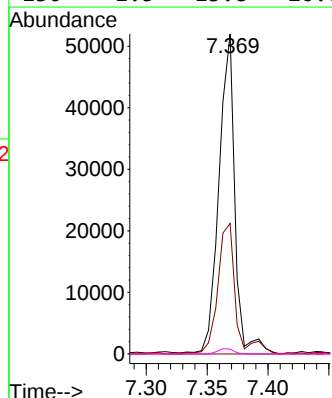
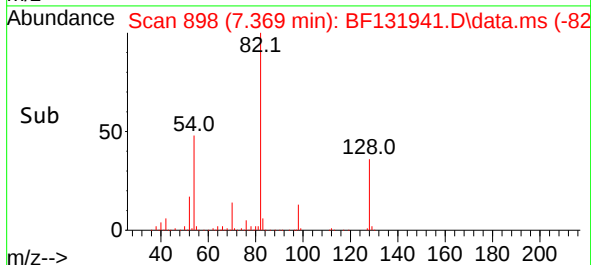
Tgt Ion: 99 Resp: 439093
Ion Ratio Lower Upper
99 100
42 20.9 15.3 22.9
71 46.0 33.5 50.3

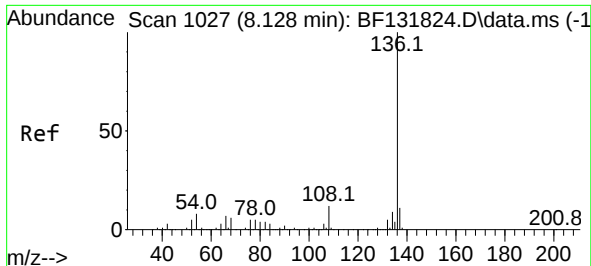


#19
n-Nitroso-di-n-propylamine
Concen: 14.865 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53



Tgt Ion: 70 Resp: 47533
Ion Ratio Lower Upper
70 100
42 40.8 43.8 65.6#
101 0.0 7.4 11.0#
130 1.5 13.8 20.6#



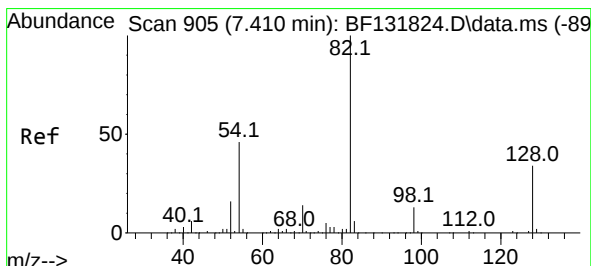
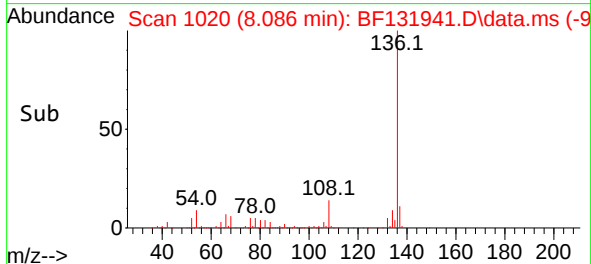
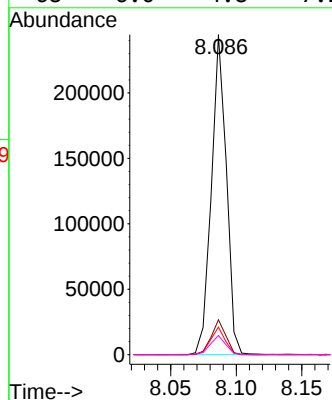
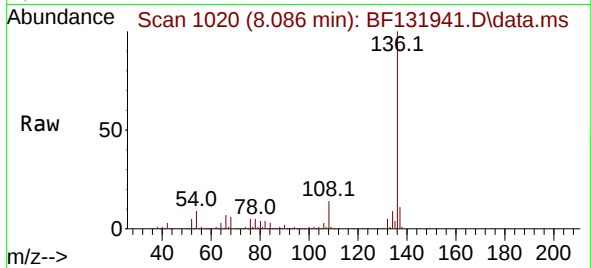


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 194761

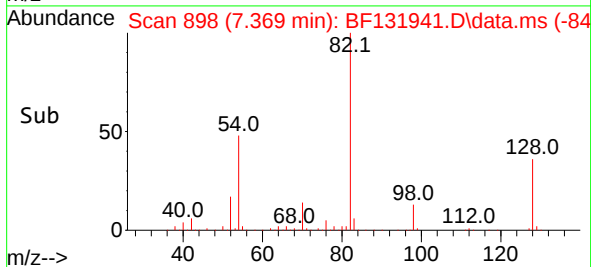
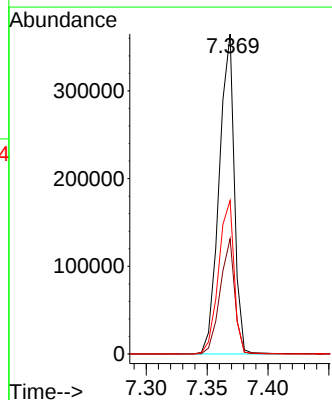
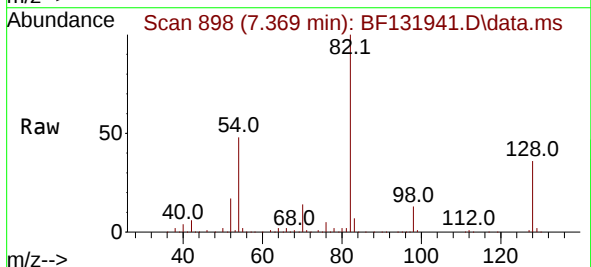
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.6	6.7	10.1
68	6.0	4.8	7.2

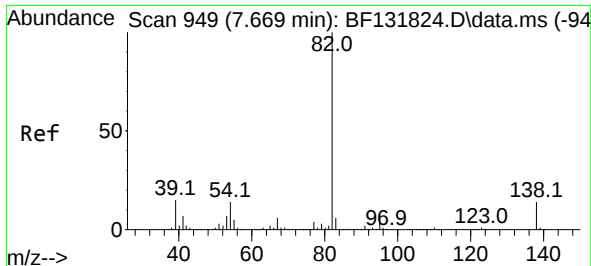


#23
Nitrobenzene-d5
Concen: 64.891 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

Tgt Ion: 82 Resp: 316544

Ion	Ratio	Lower	Upper
82	100		
128	36.0	27.1	40.7
54	47.9	37.0	55.6

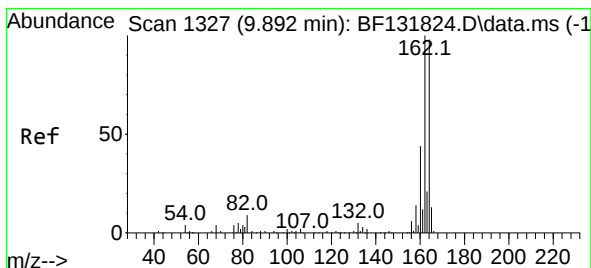
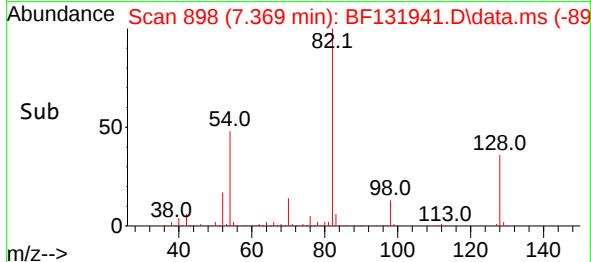
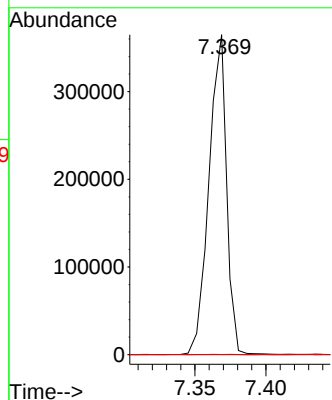
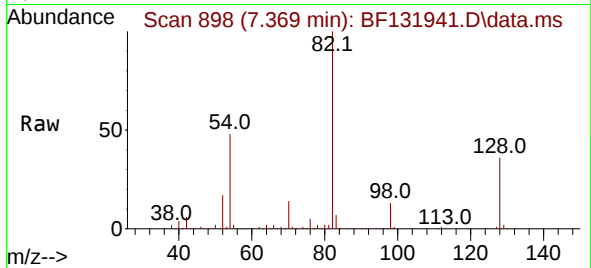




#25
Isophorone
Concen: 39.637 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

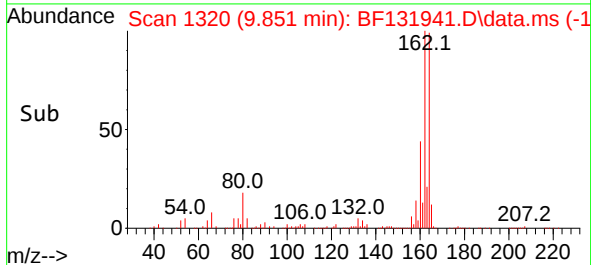
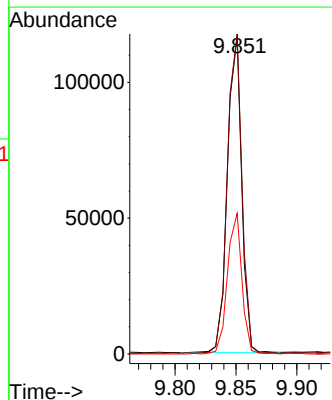
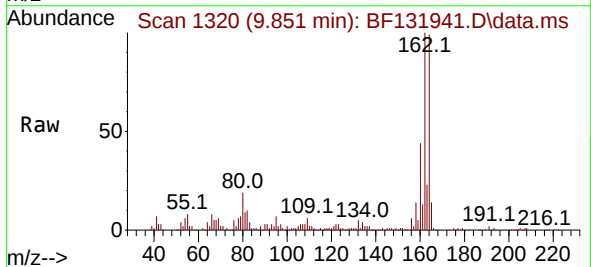
Instrument :
BNA_F
ClientSampleId :

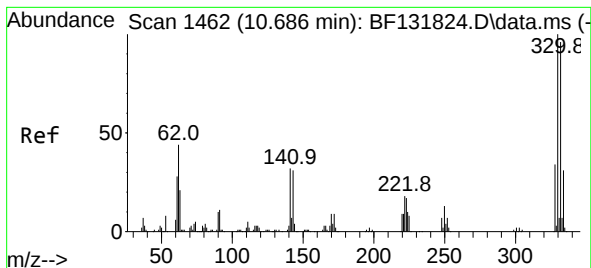
Tgt Ion: 82 Resp: 315764
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

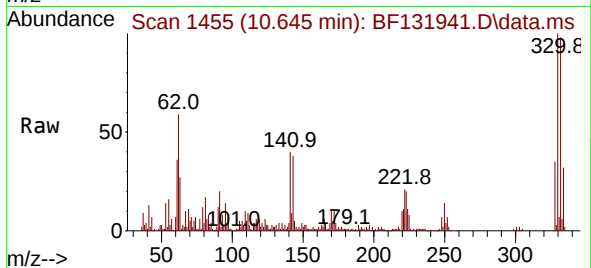
Tgt Ion:164 Resp: 95593
Ion Ratio Lower Upper
164 100
162 101.0 81.8 122.6
160 44.4 35.7 53.5



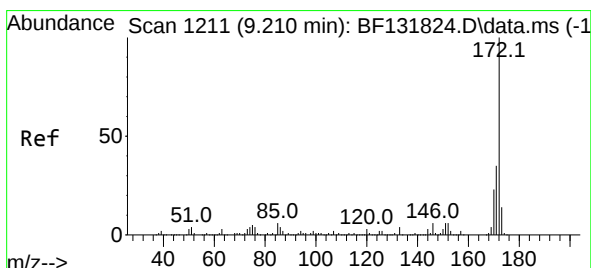
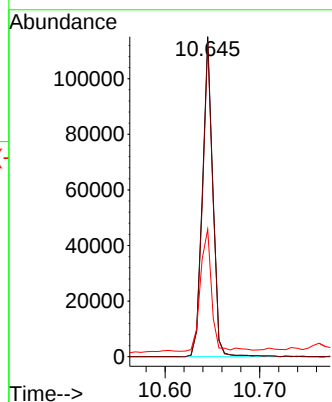
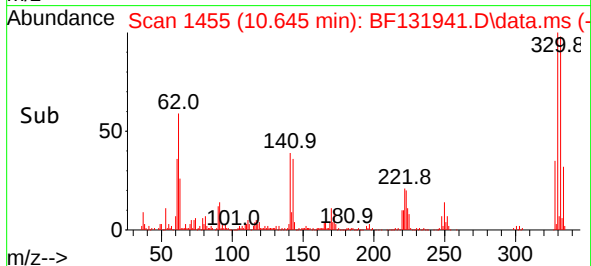


#42
2,4,6-Tribromophenol
Concen: 84.580 ng
RT: 10.645 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

Instrument :
BNA_F
ClientSampleId :

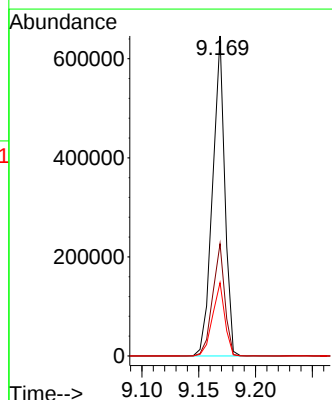
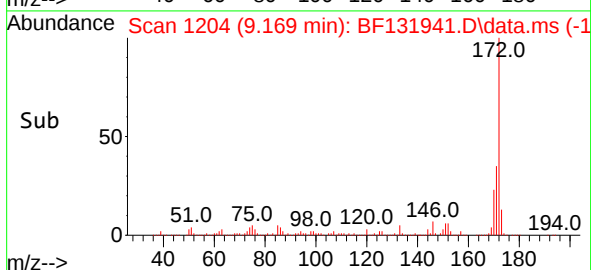
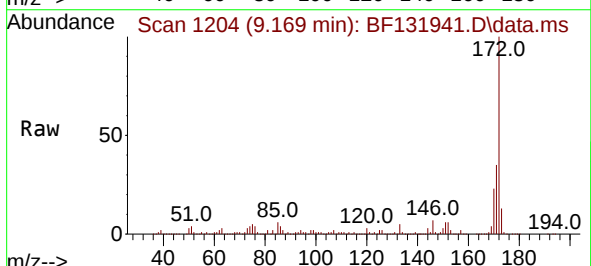


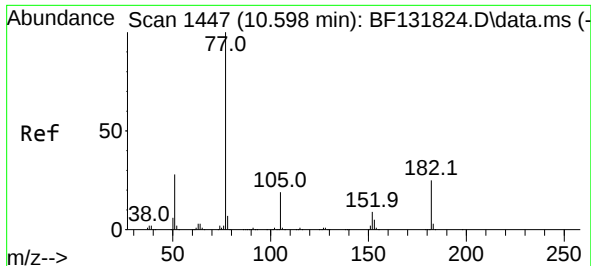
Tgt Ion:330 Resp: 87847
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 40.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 69.131 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

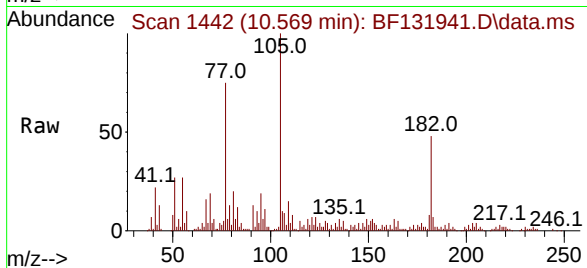
Tgt Ion:172 Resp: 482463
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 22.9 18.7 28.1



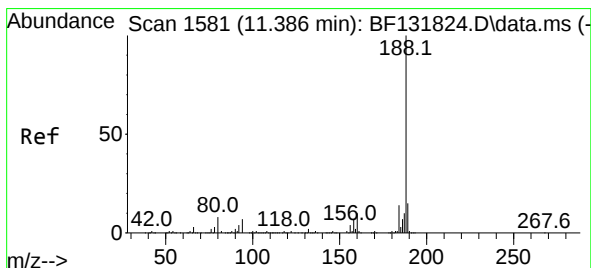
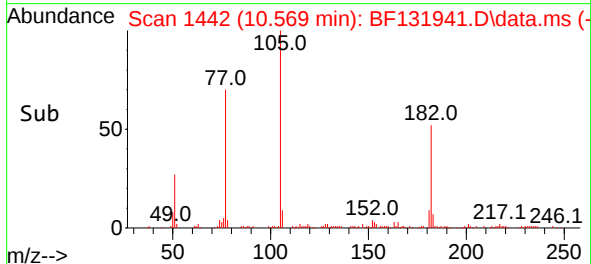
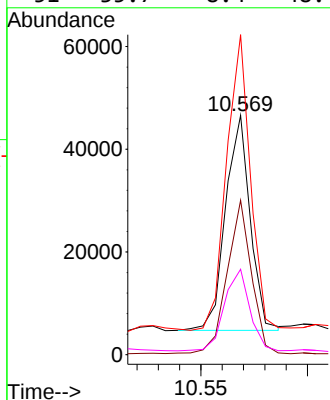


#63
Azobenzene
Concen: 4.355 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

Instrument :
BNA_F
ClientSampleId :

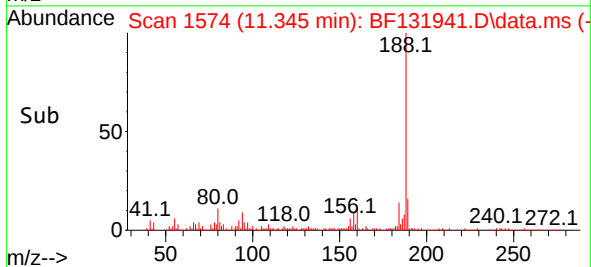
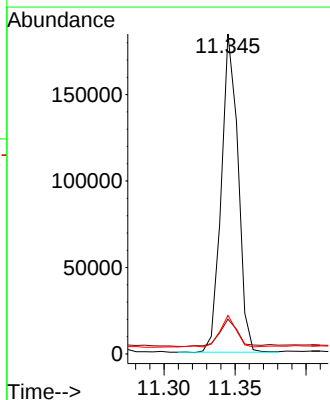
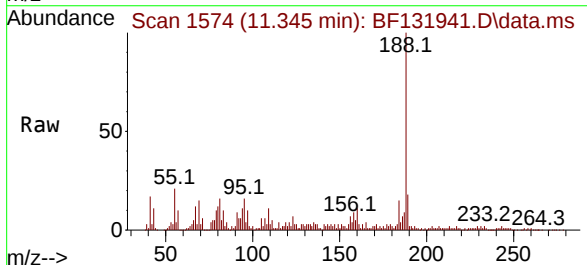


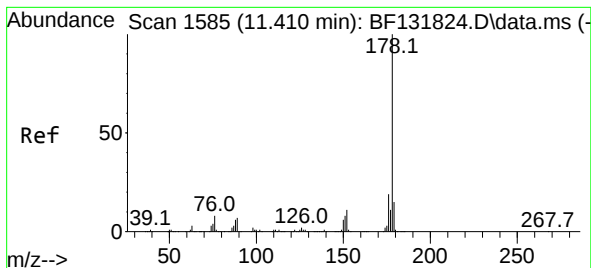
Tgt Ion: 77	Resp: 33641
Ion Ratio	Lower Upper
77	100
182	64.5 5.0 45.0#
105	133.7 0.0 39.4#
51	35.7 8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

Tgt Ion: 188	Resp: 150661
Ion Ratio	Lower Upper
188	100
94	10.9 5.8 8.6#
80	12.1 6.7 10.1#





#71

Phenanthrene

Concen: 3.002 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

Instrument :

BNA_F

ClientSampleId :

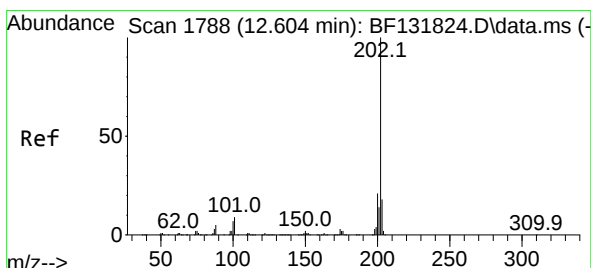
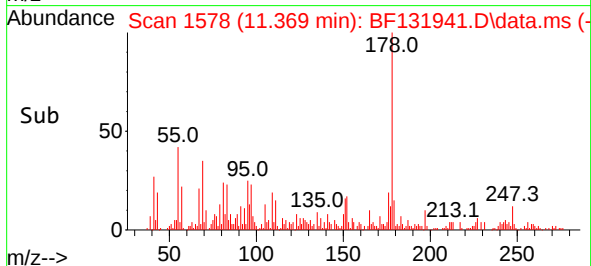
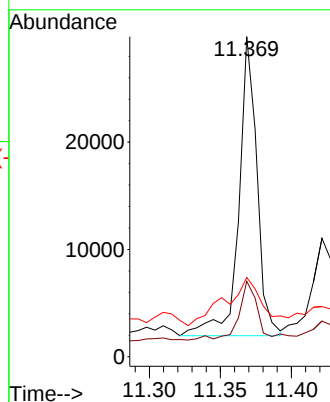
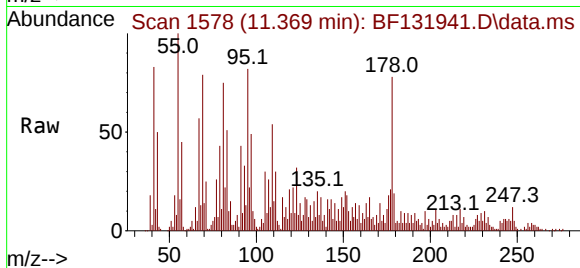
Tgt Ion:178 Resp: 24871

Ion Ratio Lower Upper

178 100

176 23.5 15.5 23.3#

179 24.8 12.2 18.4#



#75

Fluoranthene

Concen: 3.842 ng

RT: 12.574 min Scan# 1783

Delta R.T. 0.012 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

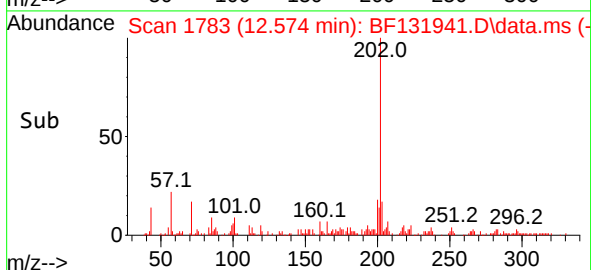
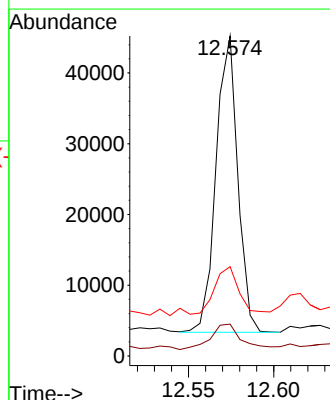
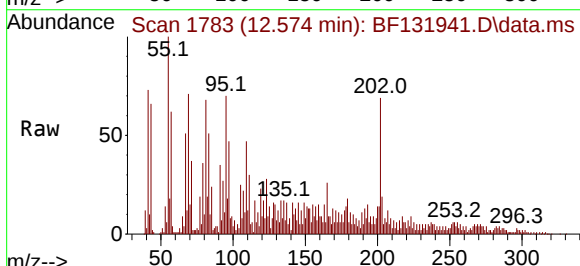
Tgt Ion:202 Resp: 37080

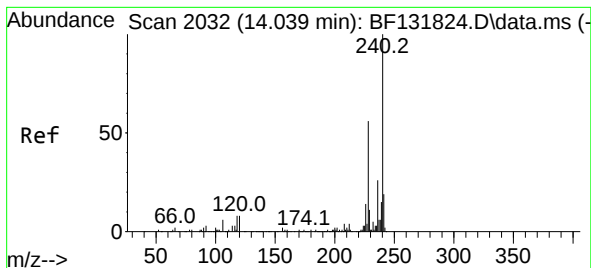
Ion Ratio Lower Upper

202 100

101 9.9 0.0 28.6

203 27.9 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2032

Delta R.T. 0.018 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

Instrument :

BNA_F

ClientSampleId :

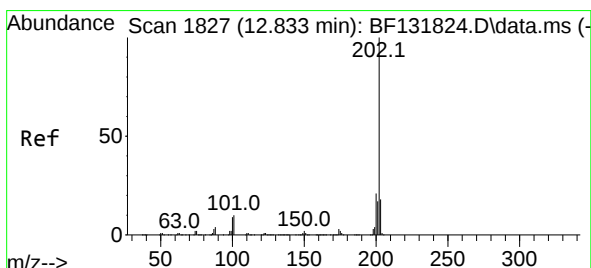
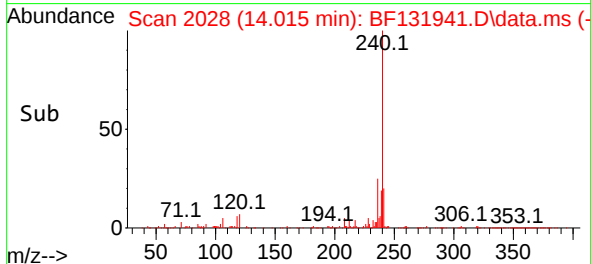
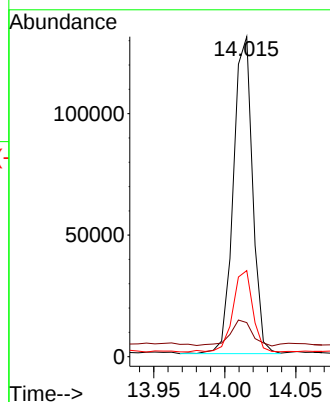
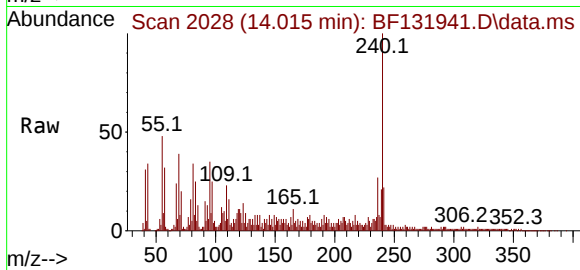
Tgt Ion:240 Resp: 122504

Ion Ratio Lower Upper

240 100

120 10.7 6.7 10.1#

236 26.9 20.6 31.0



#78

Pyrene

Concen: 3.909 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.012 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

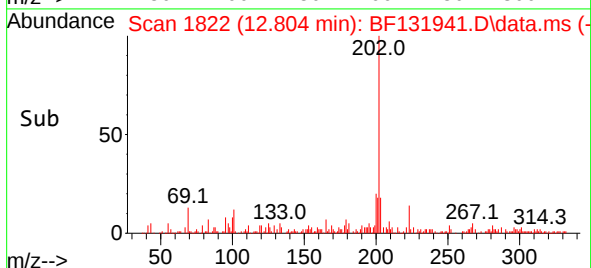
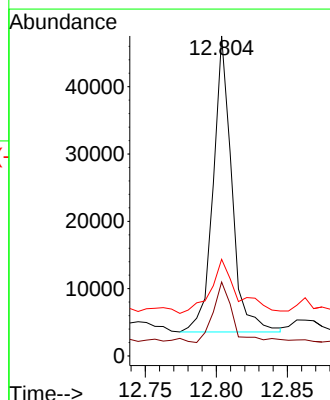
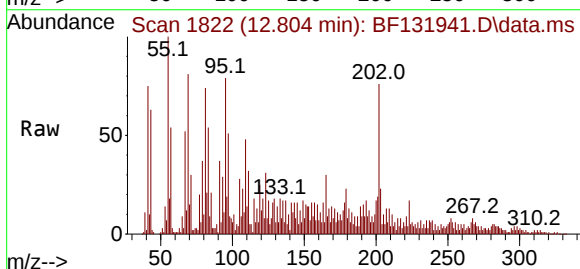
Tgt Ion:202 Resp: 40138

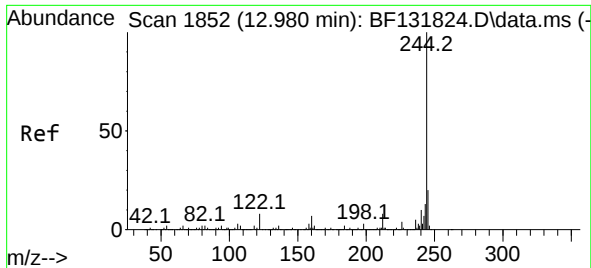
Ion Ratio Lower Upper

202 100

200 23.1 16.7 25.1

203 30.2 14.4 21.6#

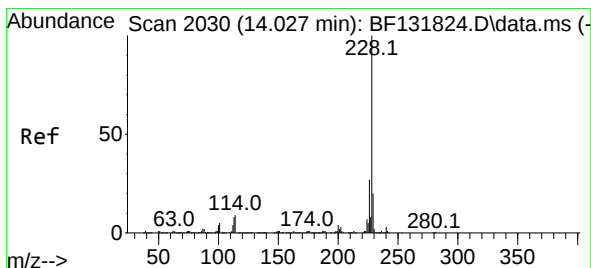
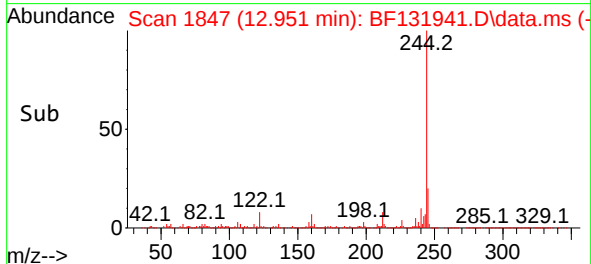
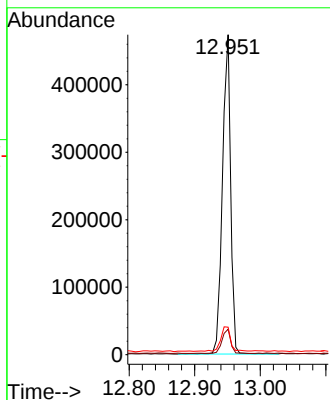
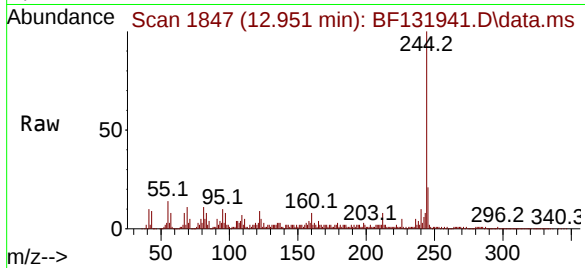




#79
 Terphenyl-d14
 Concen: 56.168 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.012 min
 Lab File: BF131941.D
 Acq: 06 Jan 2023 14:53

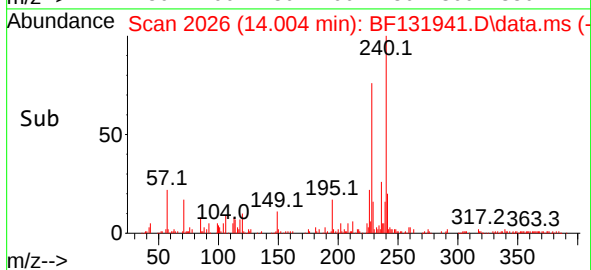
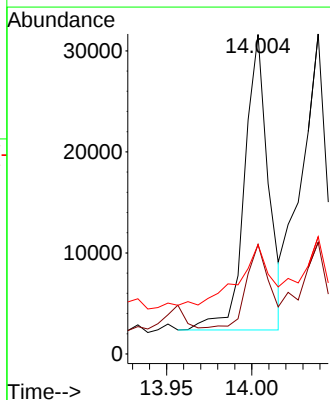
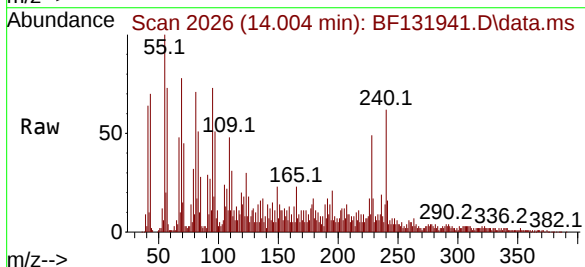
Instrument :
 BNA_F
 ClientSampleId :

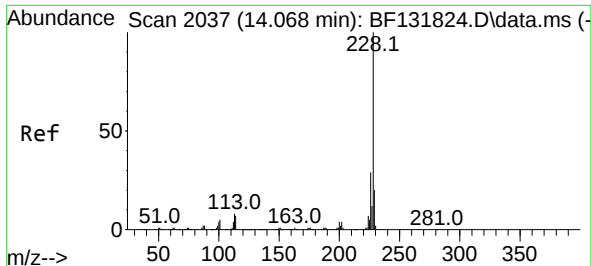
Tgt Ion:244 Resp: 406782
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.6 6.4 9.6



#81
 Benzo(a)anthracene
 Concen: 3.214 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. 0.018 min
 Lab File: BF131941.D
 Acq: 06 Jan 2023 14:53

Tgt Ion:228 Resp: 28503
 Ion Ratio Lower Upper
 228 100
 226 34.2 22.0 33.0#
 229 34.2 16.0 24.0#

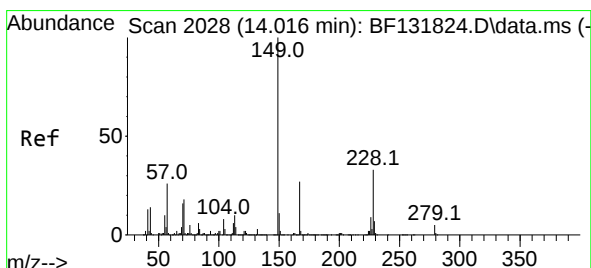
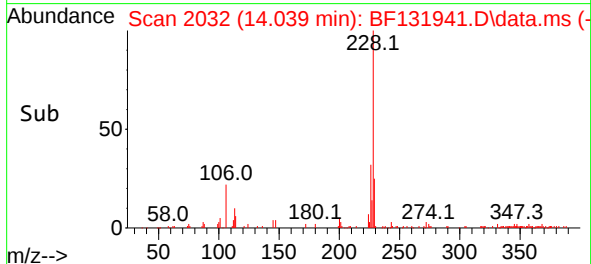
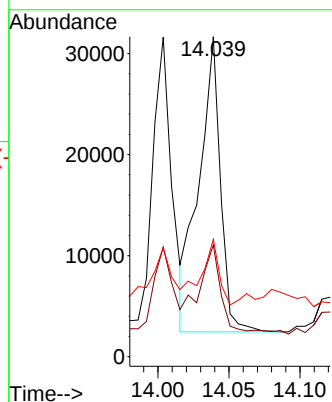
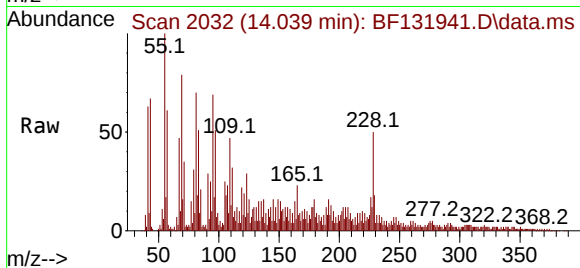




#83
Chrysene
Concen: 3.722 ng
RT: 14.039 min Scan# 2037
Delta R.T. 0.012 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

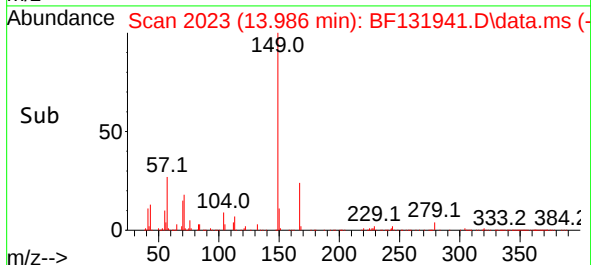
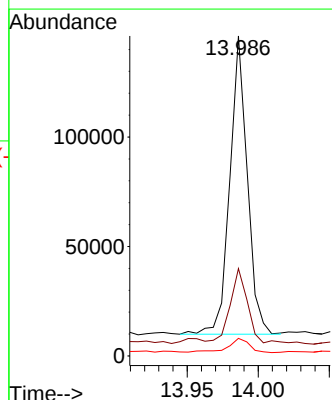
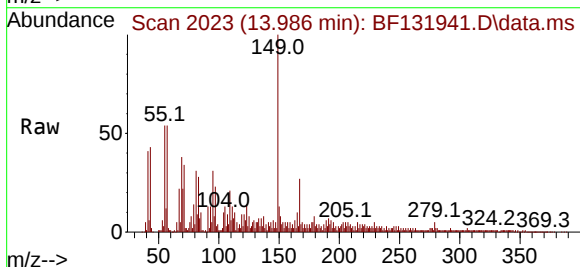
Instrument :
BNA_F
ClientSampleId :

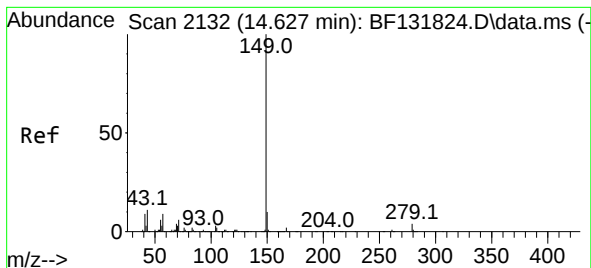
Tgt Ion:228 Resp: 31025
Ion Ratio Lower Upper
228 100
226 34.9 23.5 35.3
229 36.7 16.2 24.2#



#84
Bis(2-ethylhexyl)phthalate
Concen: 25.261 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.012 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

Tgt Ion:149 Resp: 117139
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.6
279 5.5 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 2.973 ng

RT: 14.604 min Scan# 2132

Delta R.T. 0.012 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

Instrument :

BNA_F

ClientSampleId :

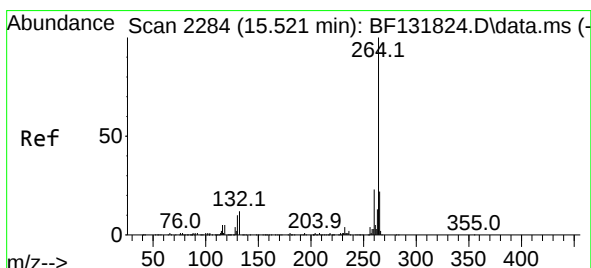
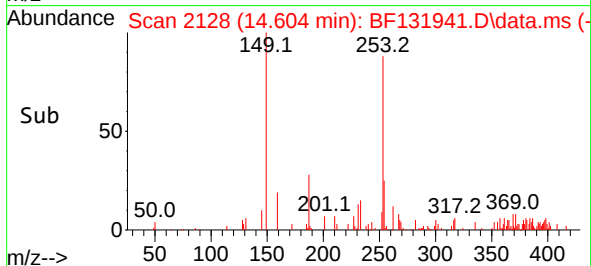
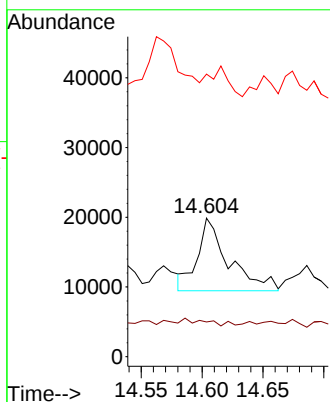
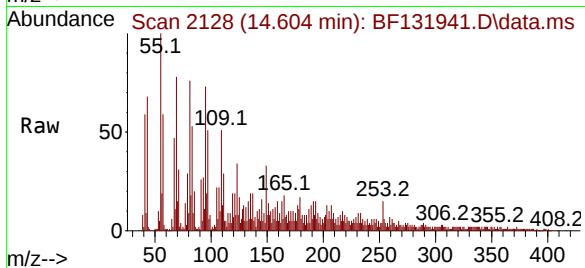
Tgt Ion:149 Resp: 18558

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 8.1 12.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2280

Delta R.T. 0.029 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

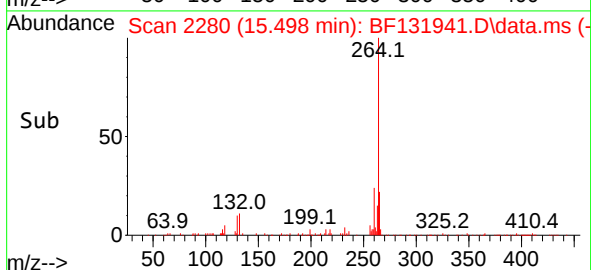
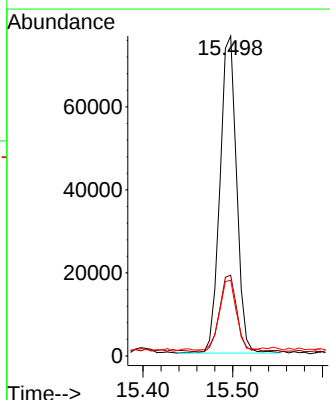
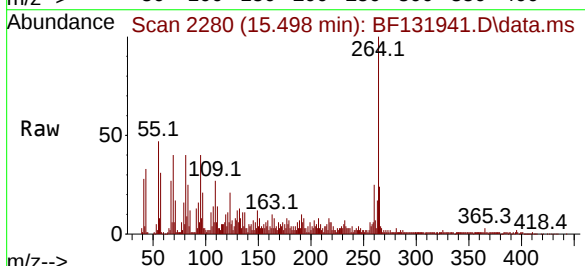
Tgt Ion:264 Resp: 98304

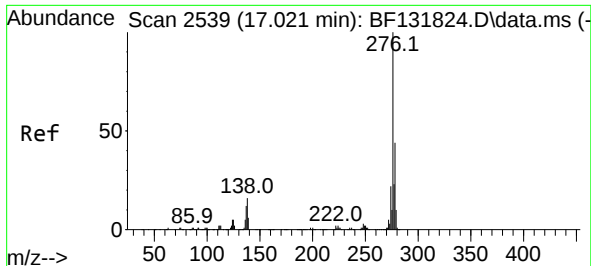
Ion Ratio Lower Upper

264 100

260 25.3 18.6 28.0

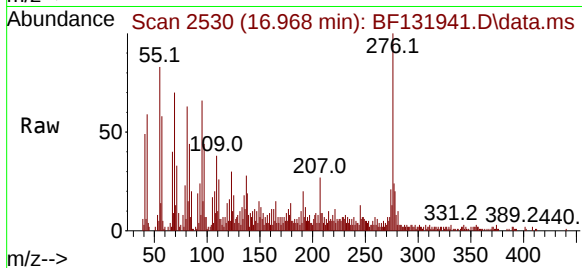
265 23.7 17.4 26.0



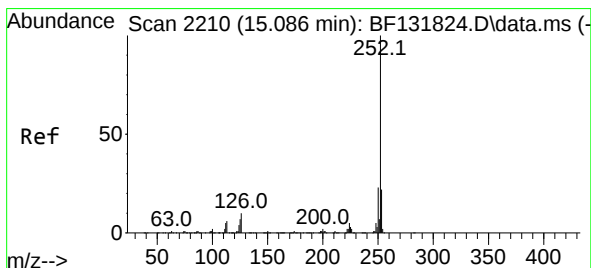
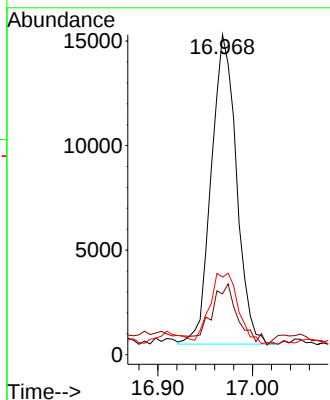
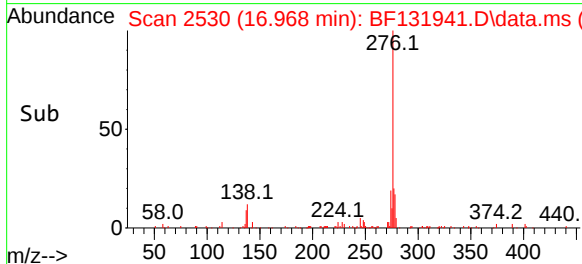


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.356 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

Instrument :
BNA_F
ClientSampleId :

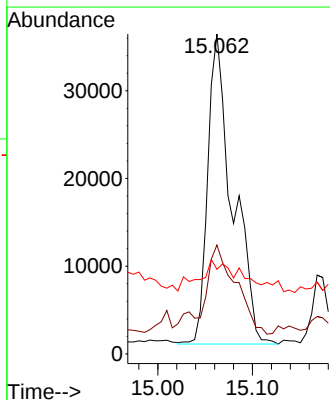
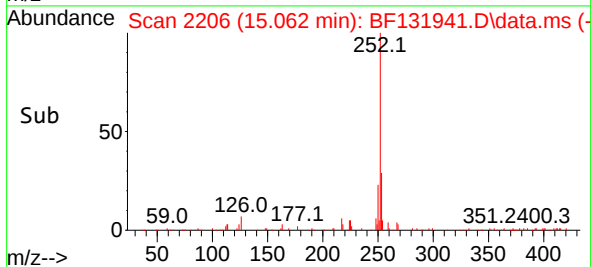
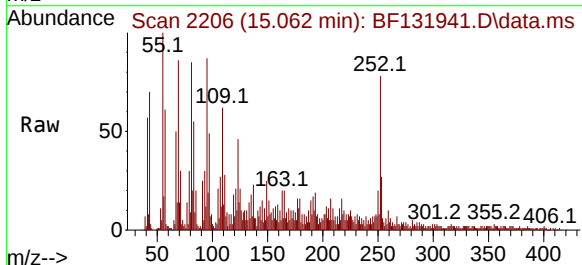


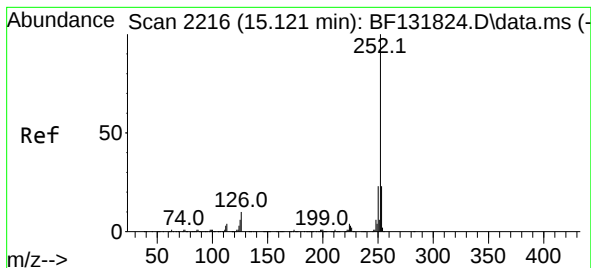
Tgt Ion:276 Resp: 27202
Ion Ratio Lower Upper
276 100
138 21.4 14.5 21.7
277 25.9 19.7 29.5



#88
Benzo(b)fluoranthene
Concen: 8.908 ng
RT: 15.062 min Scan# 2206
Delta R.T. 0.023 min
Lab File: BF131941.D
Acq: 06 Jan 2023 14:53

Tgt Ion:252 Resp: 64209
Ion Ratio Lower Upper
252 100
253 34.1 17.6 26.4#
125 26.5 5.8 8.8#





#89

Benzo(k)fluoranthene

Concen: 9.220 ng

RT: 15.062 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

Instrument :

BNA_F

ClientSampleId :

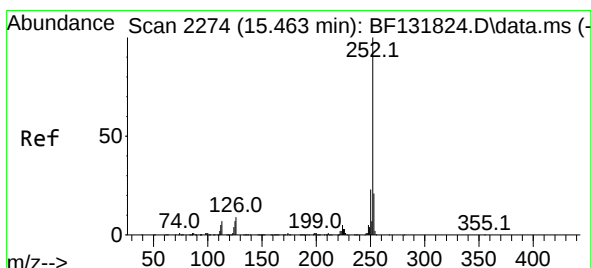
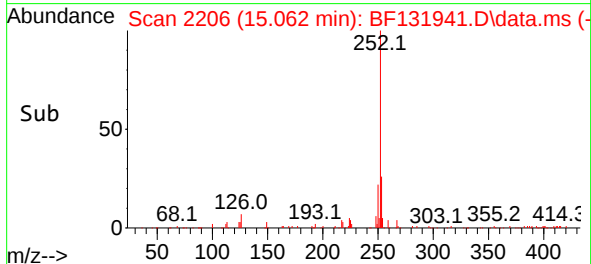
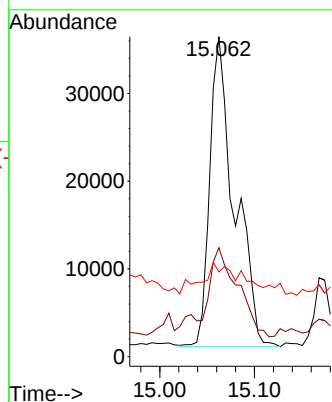
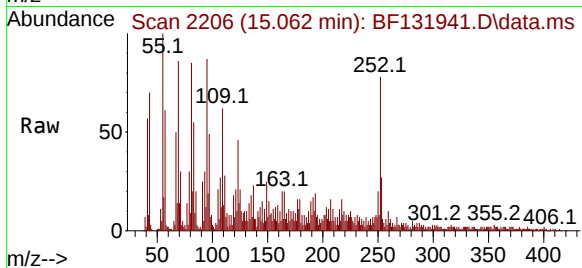
Tgt Ion:252 Resp: 64209

Ion Ratio Lower Upper

252 100

253 34.1 17.7 26.5#

125 26.5 5.4 8.0#



#90

Benzo(a)pyrene

Concen: 6.317 ng

RT: 15.433 min Scan# 2269

Delta R.T. 0.023 min

Lab File: BF131941.D

Acq: 06 Jan 2023 14:53

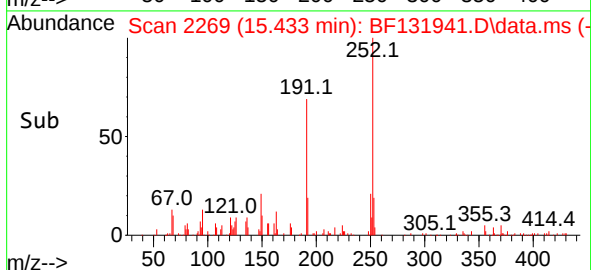
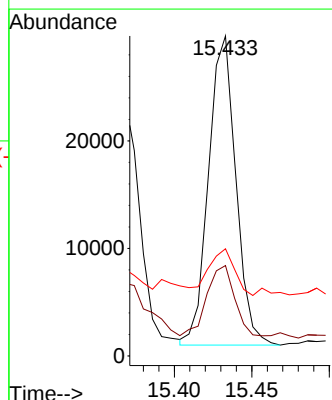
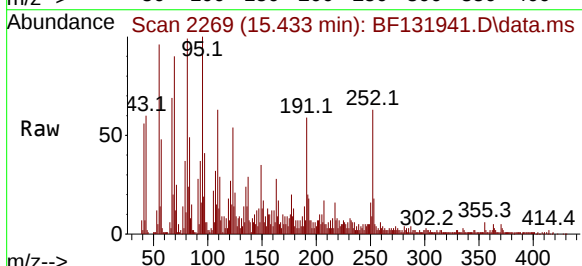
Tgt Ion:252 Resp: 35254

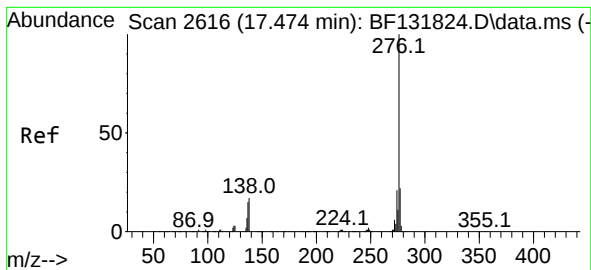
Ion Ratio Lower Upper

252 100

253 28.2 16.6 24.8#

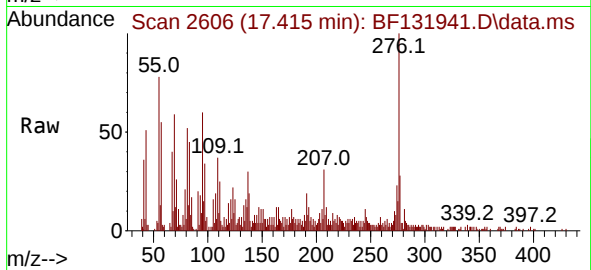
125 33.5 5.8 8.8#





#92
 Benzo(g,h,i)perylene
 Concen: 9.426 ng
 RT: 17.415 min Scan# 2066
 Delta R.T. 0.018 min
 Lab File: BF131941.D
 Acq: 06 Jan 2023 14:53

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion: 276 Resp: 28390
 Ion Ratio Lower Upper
 276 100
 277 28.4 17.9 26.9#
 138 19.1 13.7 20.5

