

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010623\
 Data File : BF131937.D
 Acq On : 06 Jan 2023 12:43
 Operator : CG\JU
 Sample : N6243-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 07 00:19:53 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)

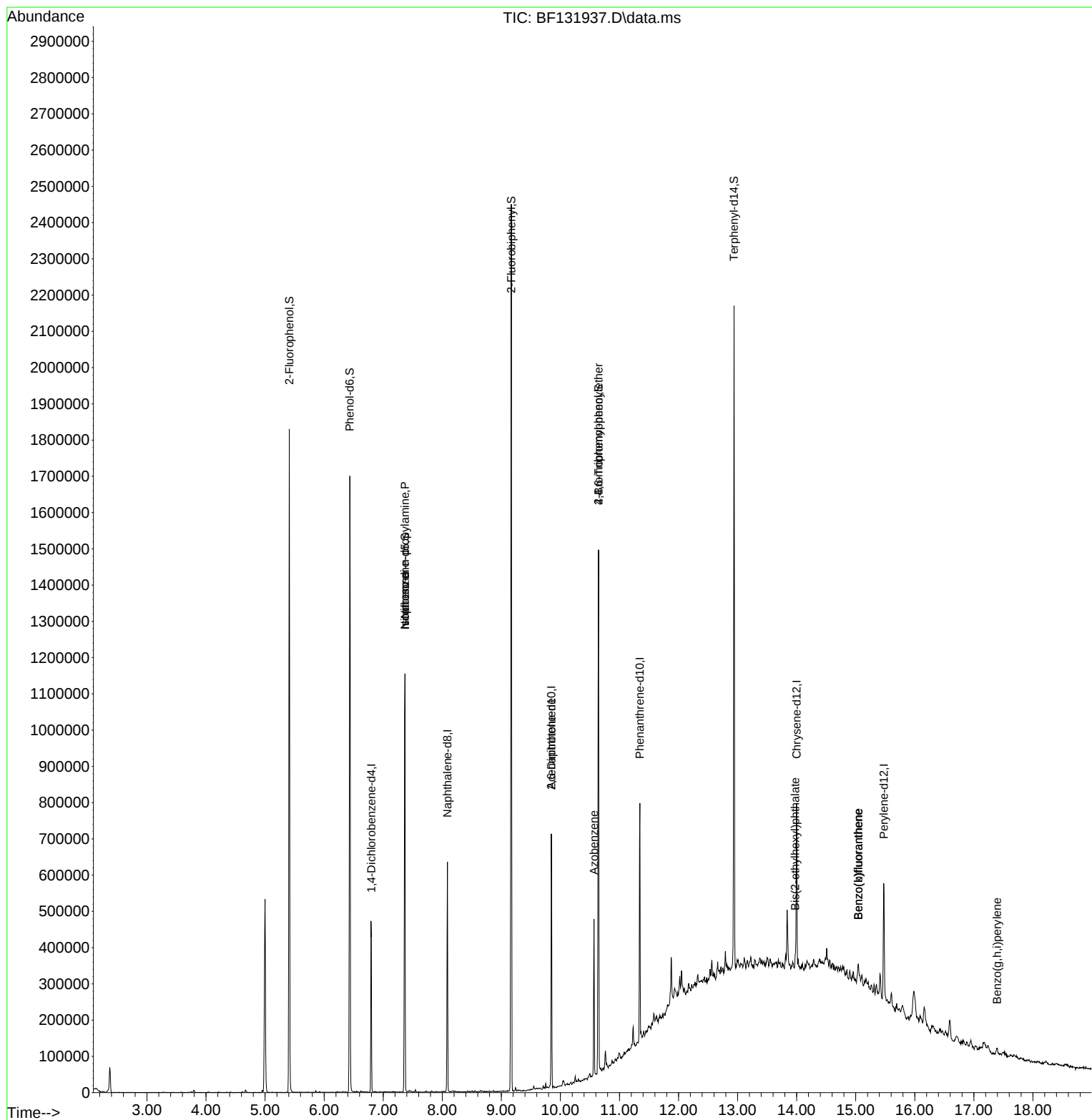
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.799	152	65272	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	237119	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	131418	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	225243	20.000	ng	0.00
76) Chrysene-d12	13.998	240	137434	20.000	ng	0.00
86) Perylene-d12	15.474	264	145920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	434823	110.399	ng	0.01
7) Phenol-d6	6.434	99	564438	109.077	ng	0.00
23) Nitrobenzene-d5	7.369	82	397497	66.930	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	140785	98.598	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	674470	70.298	ng	0.00
79) Terphenyl-d14	12.939	244	582302	71.669	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	55537	15.197	ng	# 78
25) Isophorone	7.369	82	397492	40.983	ng	# 69
51) 2,6-Dinitrotoluene	9.845	165	17138	7.963	ng	# 17
63) Azobenzene	10.569	77	73806	6.950	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	9978	3.822	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.975	149	10713	2.059	ng	# 95
88) Benzo(b)fluoranthene	15.045	252	28762	2.688	ng	# 84
89) Benzo(k)fluoranthene	15.045	252	28762	2.782	ng	# 84
92) Benzo(g,h,i)perylene	17.392	276	14458	6.681	ng	# 95

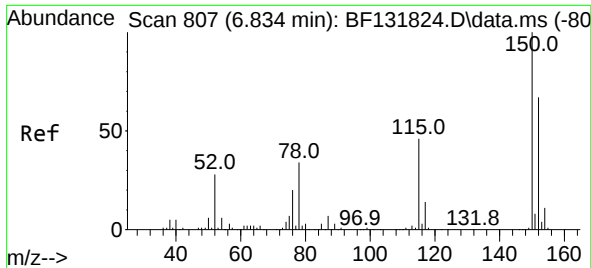
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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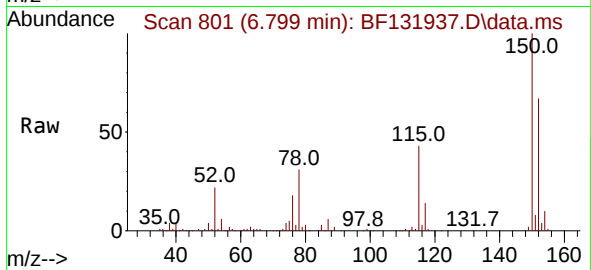
Quant Time: Jan 07 00:19:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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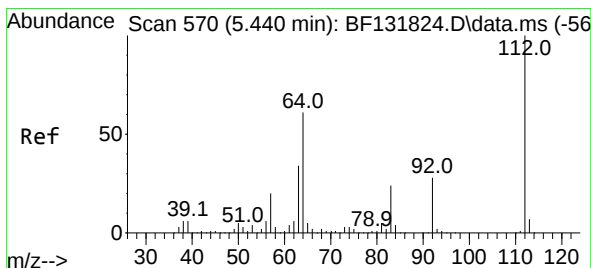
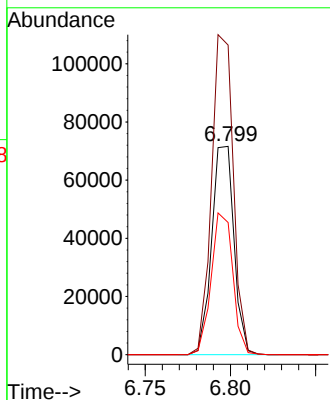
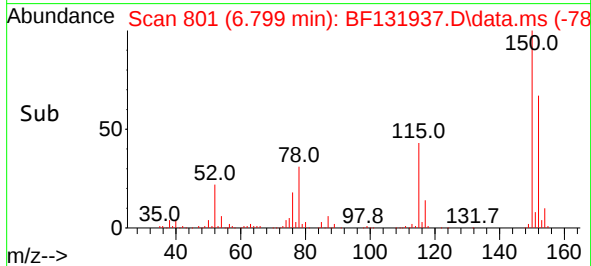


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.799 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

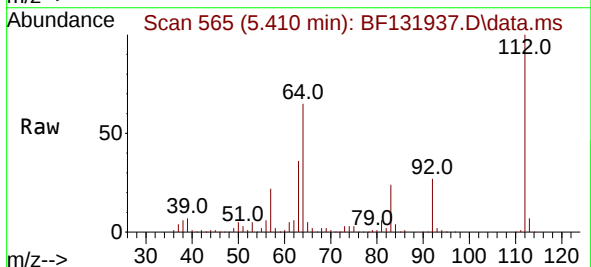
Instrument :
BNA_F
ClientSampleId :



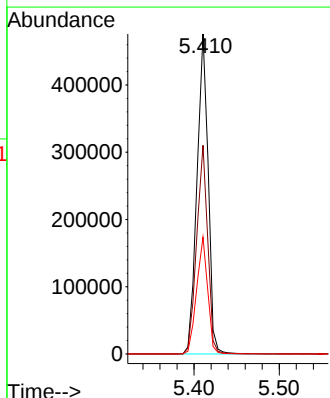
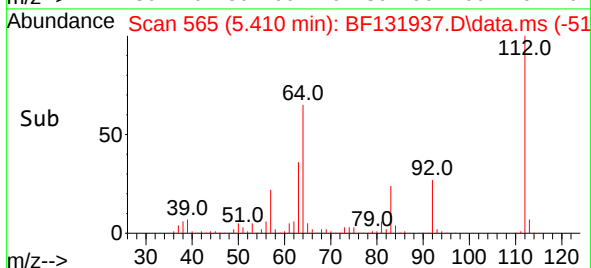
Tgt Ion:152 Resp: 65272
Ion Ratio Lower Upper
152 100
150 148.6 120.0 180.0
115 63.4 55.1 82.7

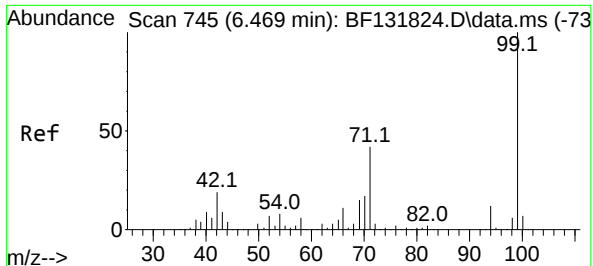


#5
2-Fluorophenol
Concen: 110.399 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43



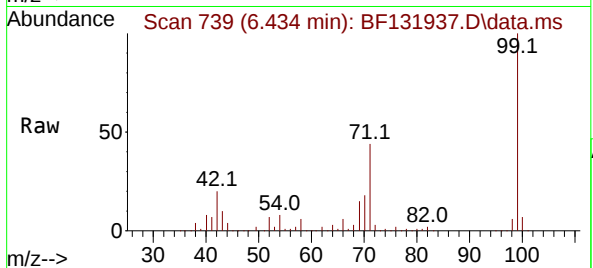
Tgt Ion:112 Resp: 434823
Ion Ratio Lower Upper
112 100
64 65.2 49.2 73.8
63 36.5 27.5 41.3



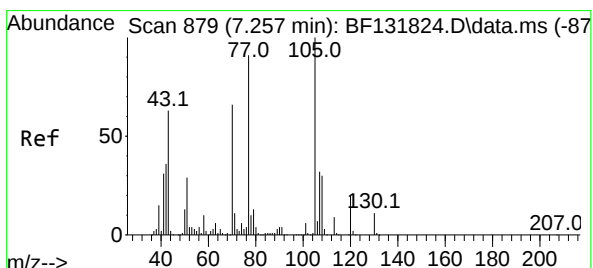
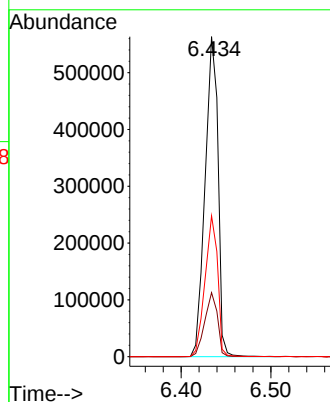
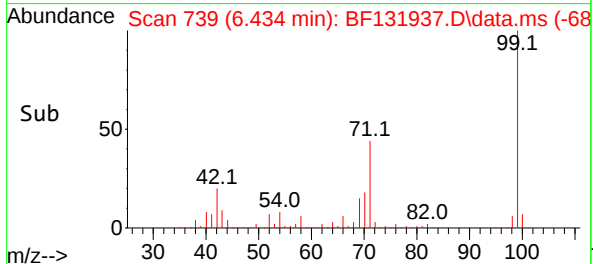


#7
Phenol-d6
Concen: 109.077 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

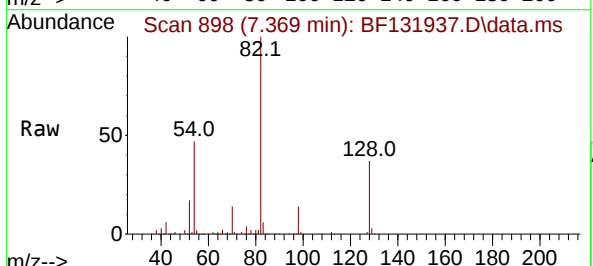
Instrument :
BNA_F
ClientSampleId :



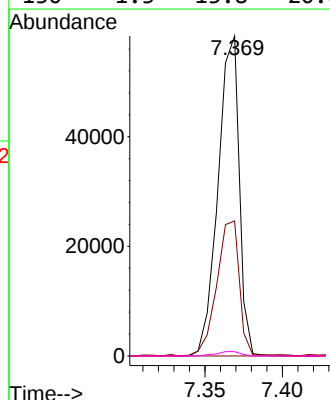
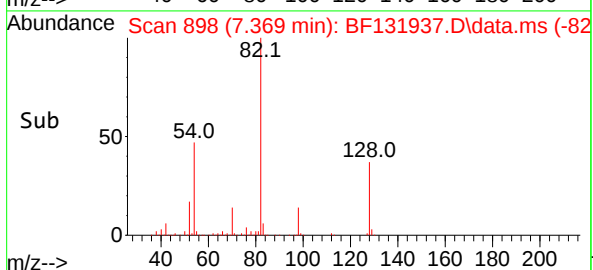
Tgt Ion: 99 Resp: 564438
Ion Ratio Lower Upper
99 100
42 20.0 15.3 22.9
71 44.0 33.5 50.3

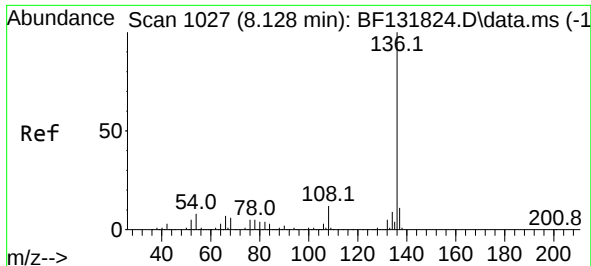


#19
n-Nitroso-di-n-propylamine
Concen: 15.197 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43



Tgt Ion: 70 Resp: 55537
Ion Ratio Lower Upper
70 100
42 42.2 43.8 65.6#
101 0.0 7.4 11.0#
130 1.3 13.8 20.6#



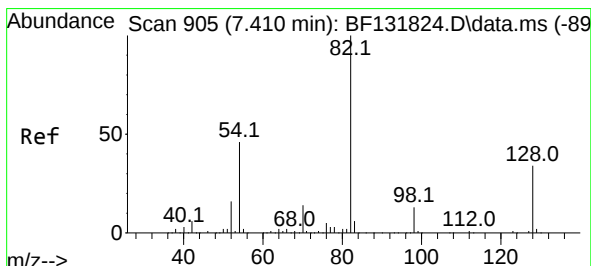
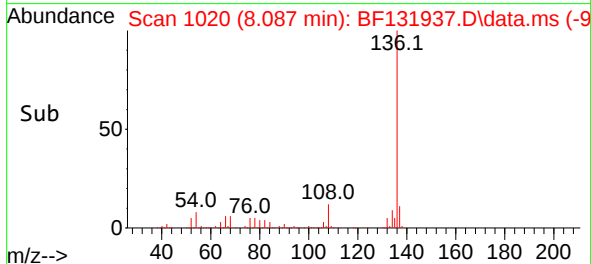
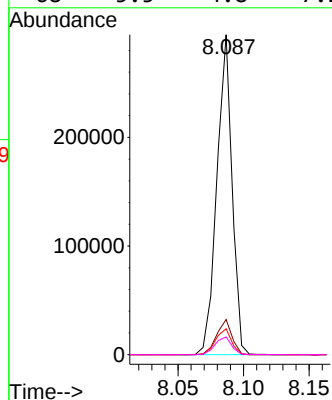
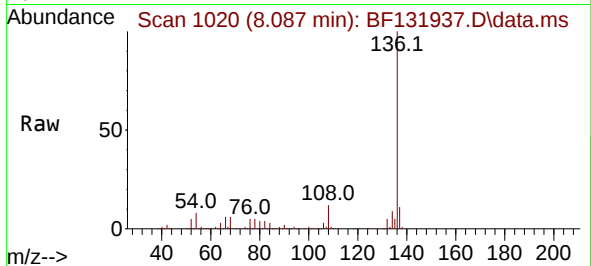


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 237119

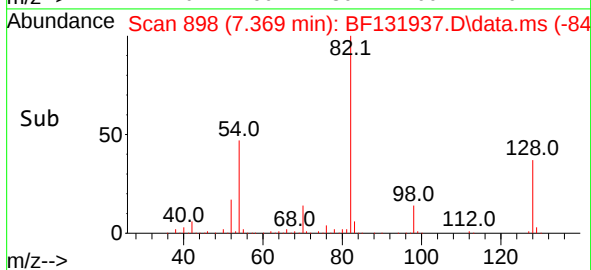
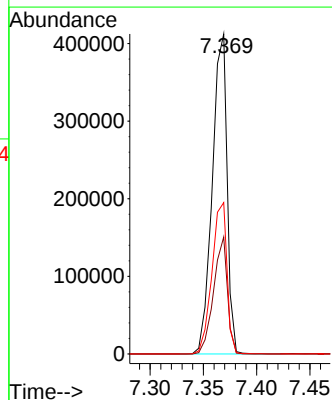
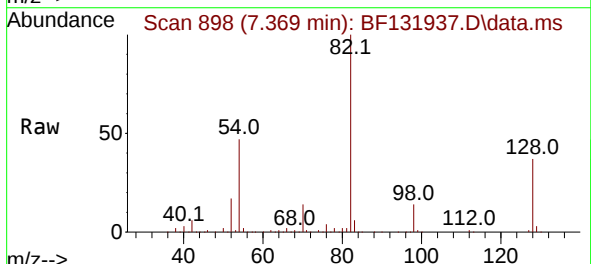
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.1	6.7	10.1
68	5.5	4.8	7.2

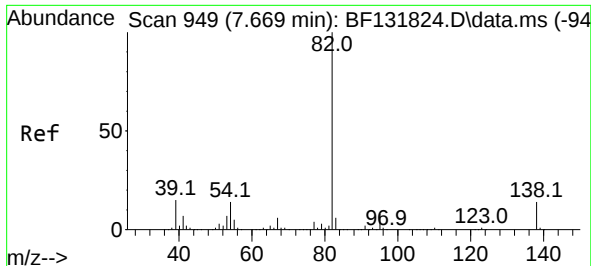


#23
Nitrobenzene-d5
Concen: 66.930 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

Tgt Ion: 82 Resp: 397497

Ion	Ratio	Lower	Upper
82	100		
128	36.6	27.1	40.7
54	47.3	37.0	55.6

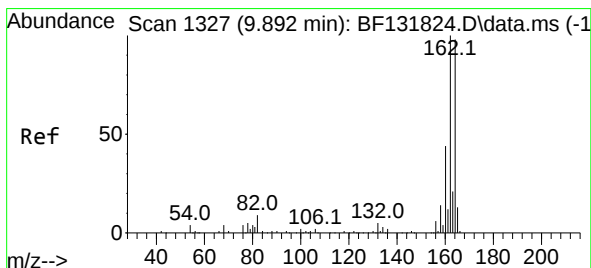
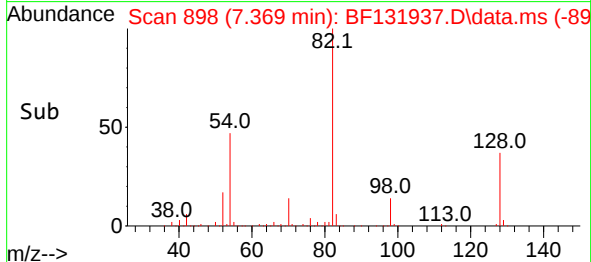
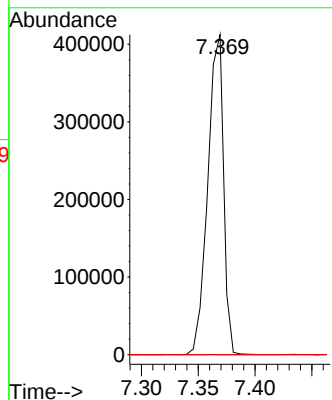
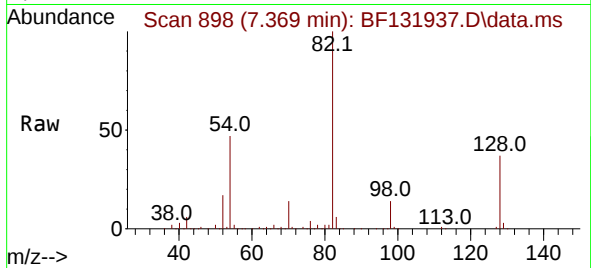




#25
Isophorone
Concen: 40.983 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

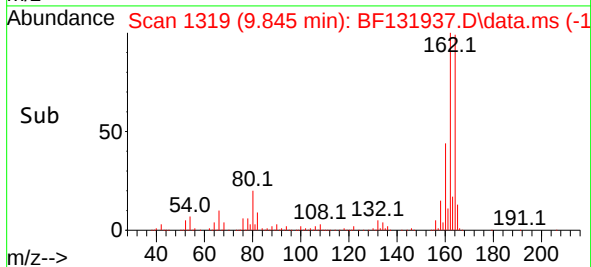
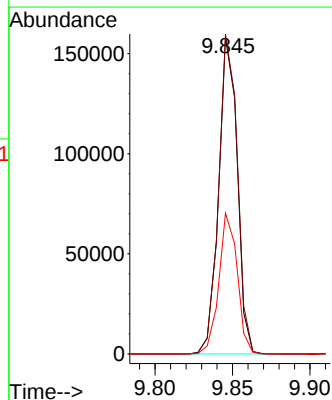
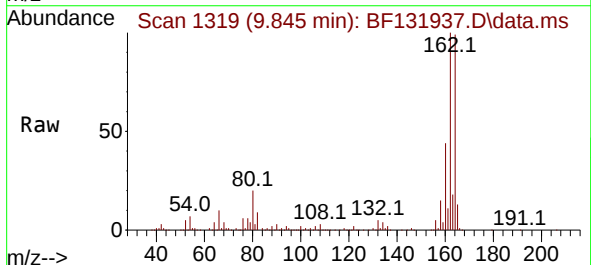
Instrument :
BNA_F
ClientSampleId :

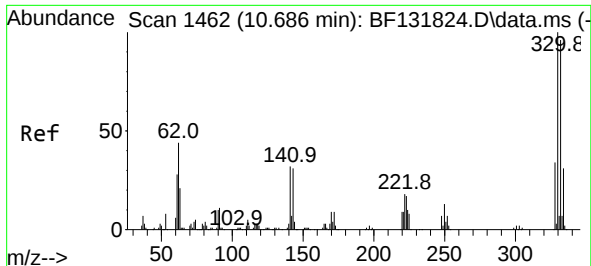
Tgt Ion: 82 Resp: 397492
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

Tgt Ion:164 Resp: 131418
Ion Ratio Lower Upper
164 100
162 101.1 81.8 122.6
160 44.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 98.598 ng

RT: 10.645 min Scan# 1462

Delta R.T. 0.000 min

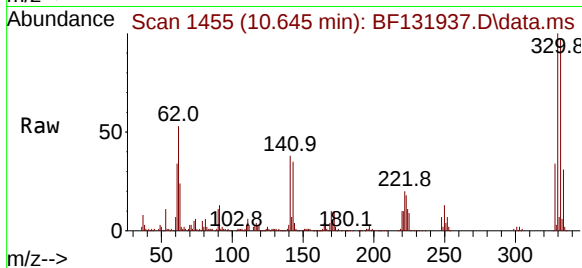
Lab File: BF131937.D

Acq: 06 Jan 2023 12:43

Instrument :

BNA_F

ClientSampleId :



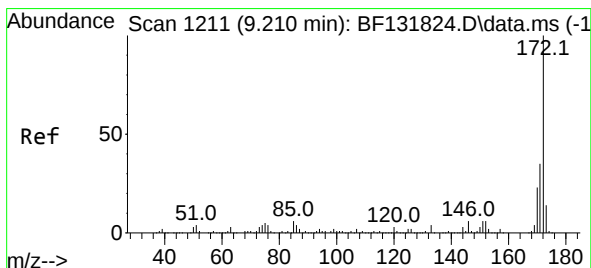
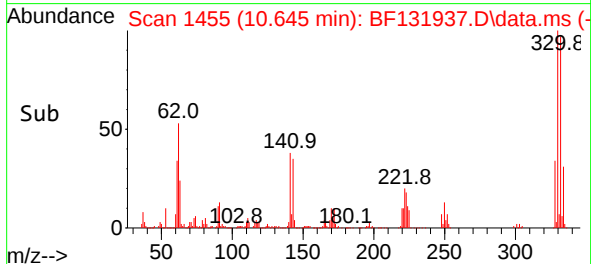
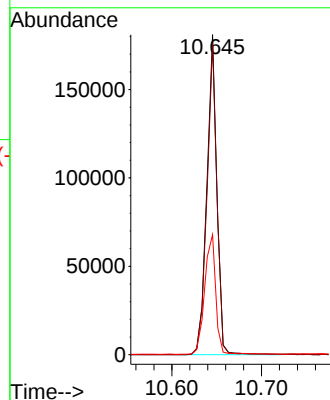
Tgt Ion:330 Resp: 140785

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 40.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 70.298 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BF131937.D

Acq: 06 Jan 2023 12:43

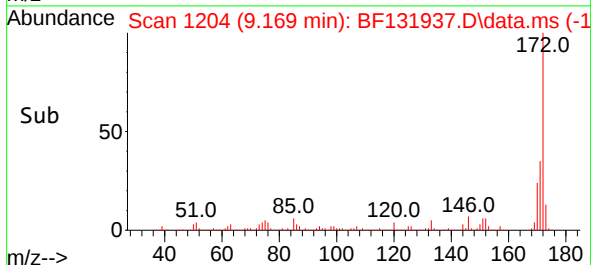
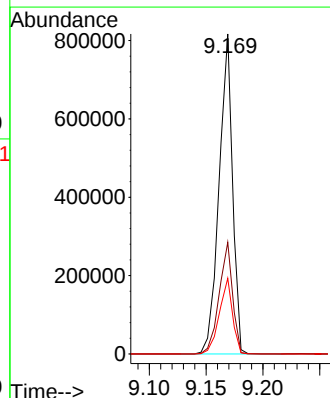
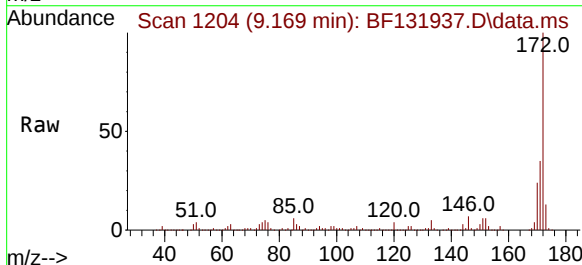
Tgt Ion:172 Resp: 674470

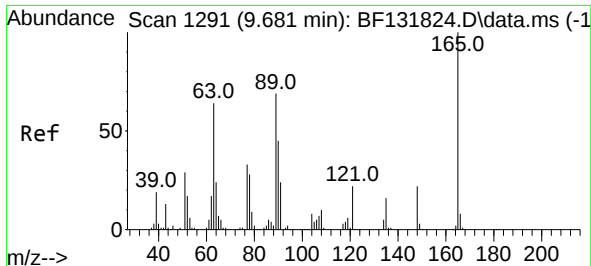
Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

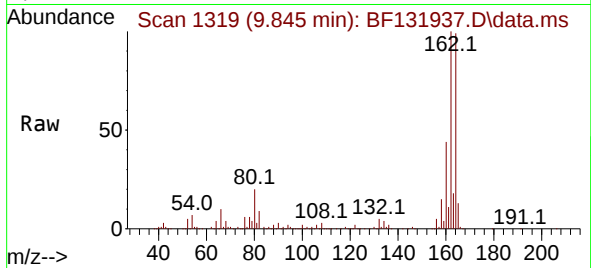
170 23.7 18.7 28.1



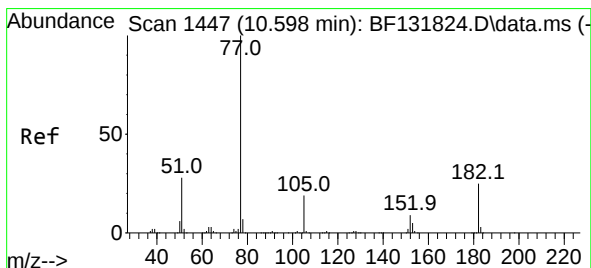
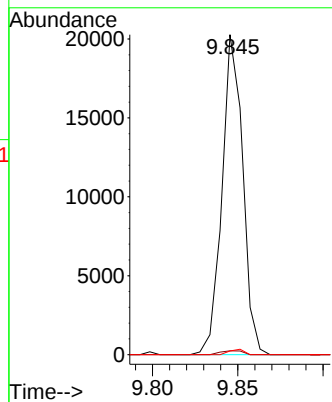
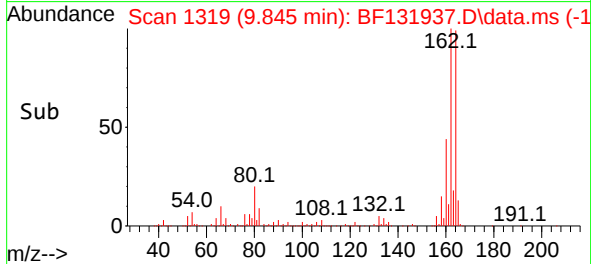


#51
2,6-Dinitrotoluene
Concen: 7.963 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

Instrument :
BNA_F
ClientSampleId :

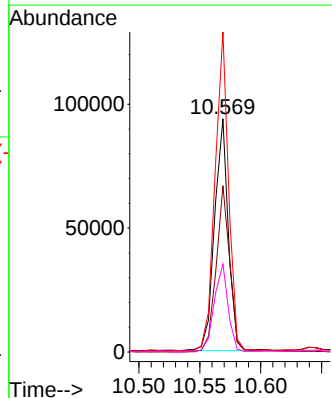
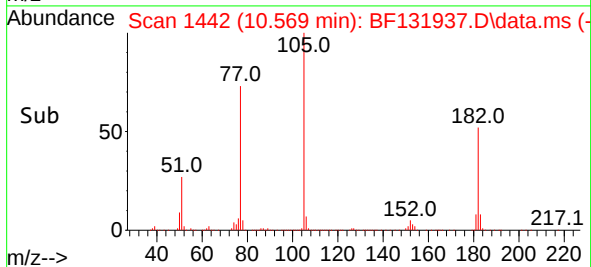
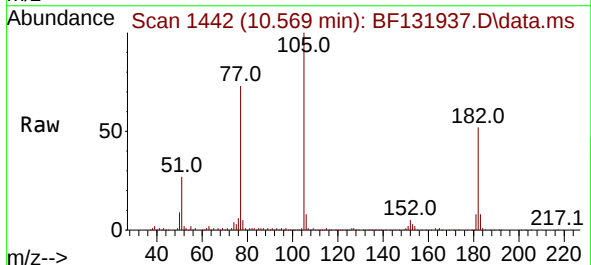


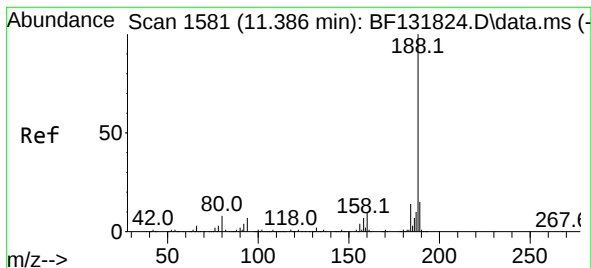
Tgt Ion:165 Resp: 17138
Ion Ratio Lower Upper
165 100
63 1.2 55.1 82.7#
89 1.2 55.0 82.4#



#63
Azobenzene
Concen: 6.950 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.012 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

Tgt Ion: 77 Resp: 73806
Ion Ratio Lower Upper
77 100
182 71.3 5.0 45.0#
105 137.3 0.0 39.4#
51 37.7 8.4 48.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131937.D

Acq: 06 Jan 2023 12:43

Instrument :

BNA_F

ClientSampleId :

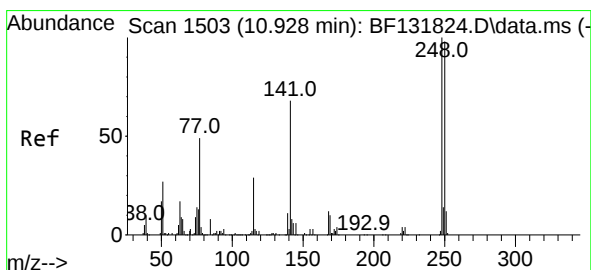
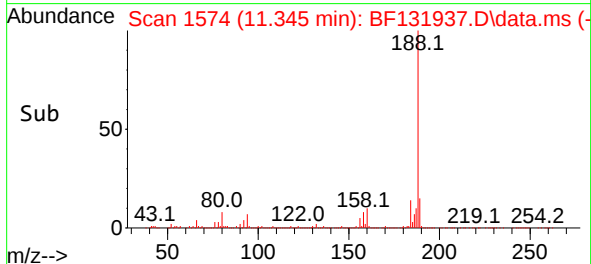
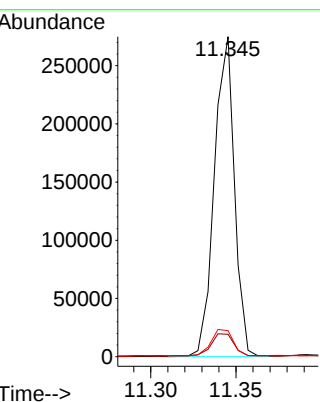
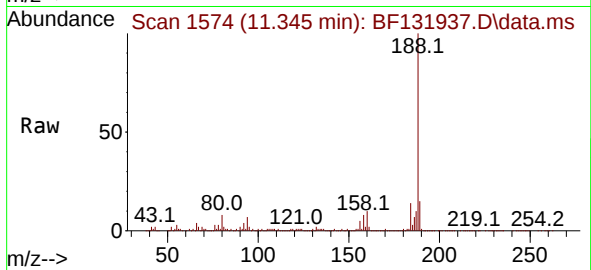
Tgt Ion:188 Resp: 225243

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

80 8.1 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 3.822 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.241 min

Lab File: BF131937.D

Acq: 06 Jan 2023 12:43

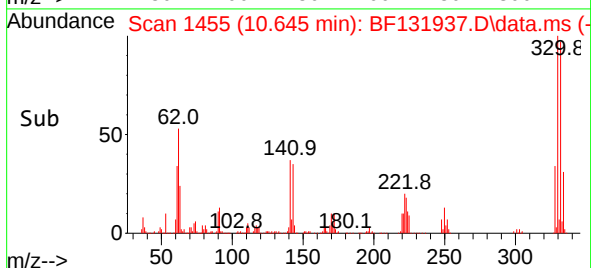
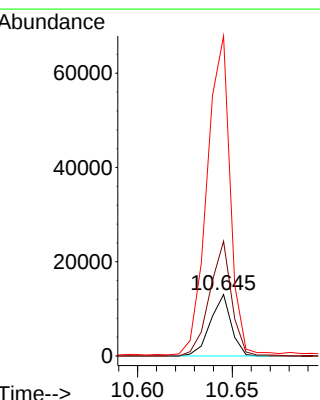
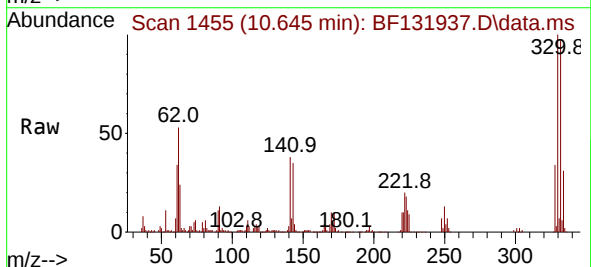
Tgt Ion:248 Resp: 9978

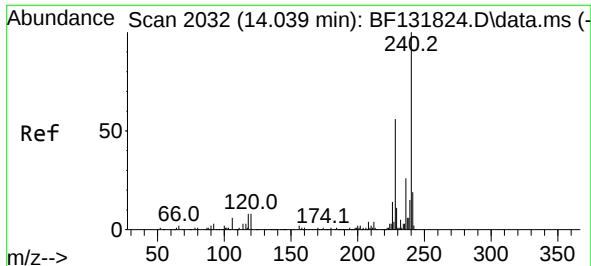
Ion Ratio Lower Upper

248 100

250 186.8 78.0 117.0#

141 521.3 54.8 82.2#

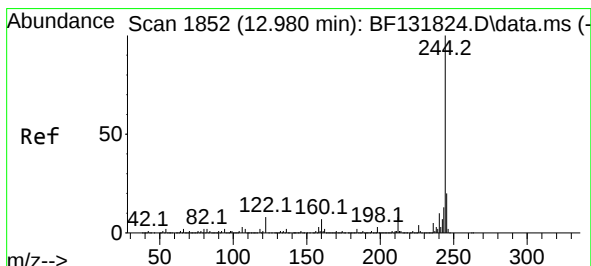
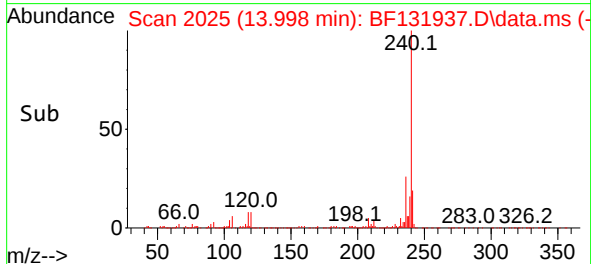
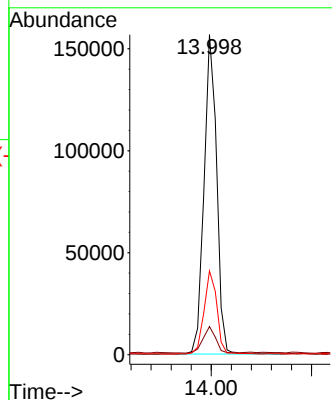
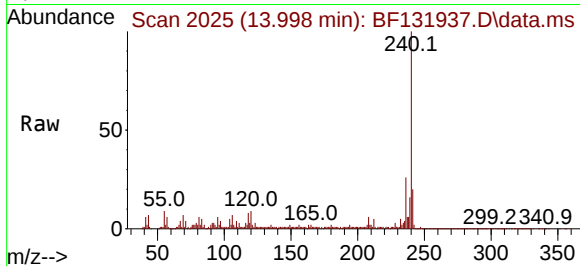




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

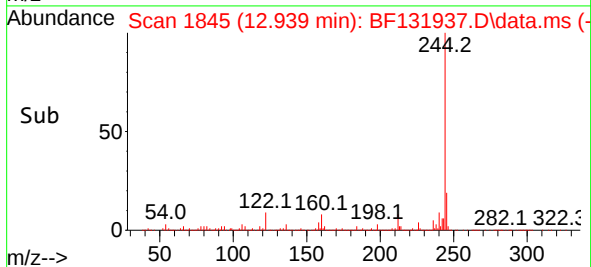
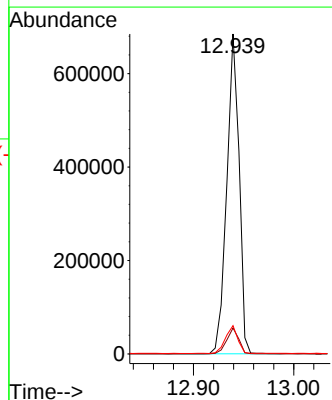
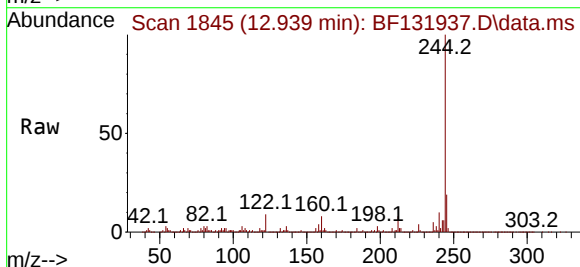
Instrument :
BNA_F
ClientSampleId :

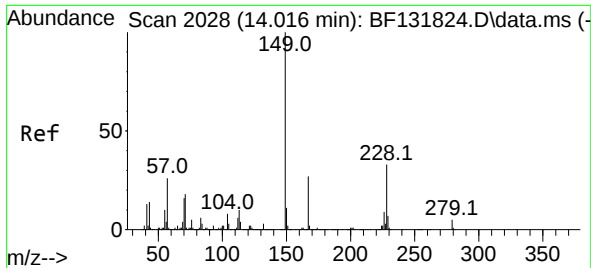
Tgt Ion:240 Resp: 137434
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 26.2 20.6 31.0



#79
Terphenyl-d14
Concen: 71.669 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

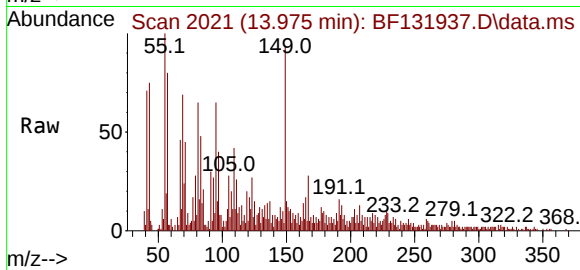
Tgt Ion:244 Resp: 582302
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.8 6.4 9.6



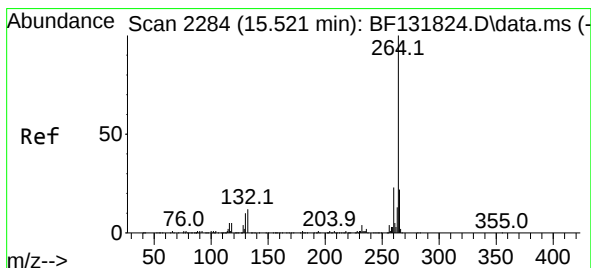
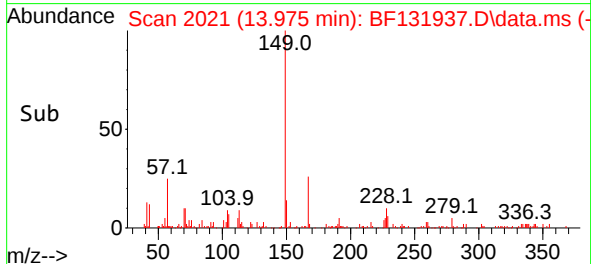
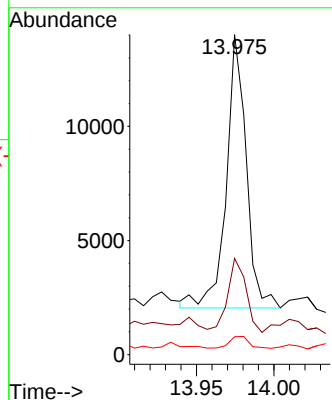


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.059 ng
RT: 13.975 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

Instrument :
BNA_F
ClientSampleId :

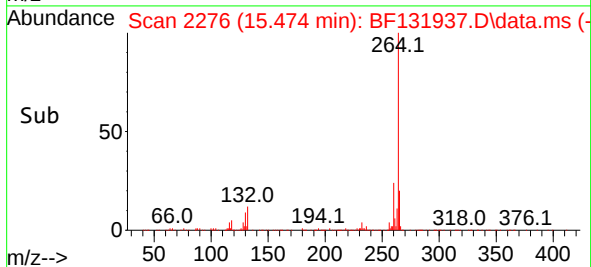
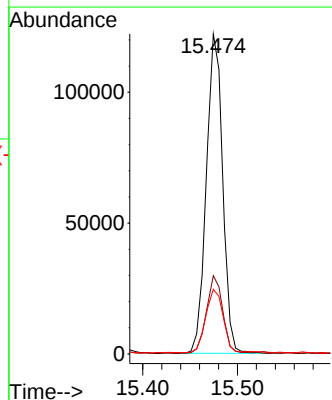
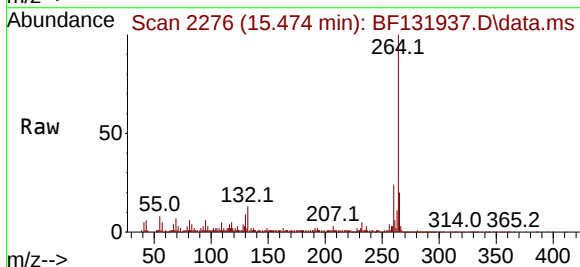


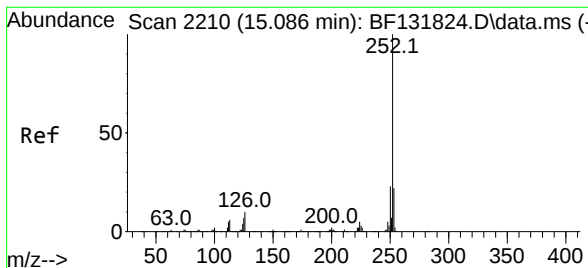
Tgt Ion:149 Resp: 10713
Ion Ratio Lower Upper
149 100
167 30.1 21.8 32.6
279 5.6 3.9 5.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF131937.D
Acq: 06 Jan 2023 12:43

Tgt Ion:264 Resp: 145920
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 20.2 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 2.688 ng

RT: 15.045 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131937.D

Acq: 06 Jan 2023 12:43

Instrument :

BNA_F

ClientSampleId :

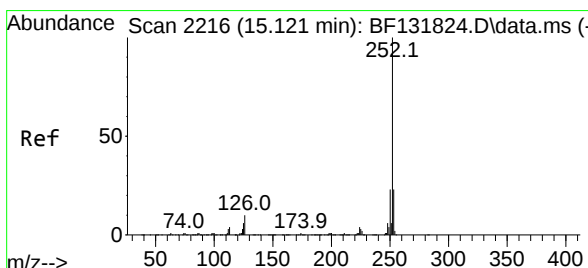
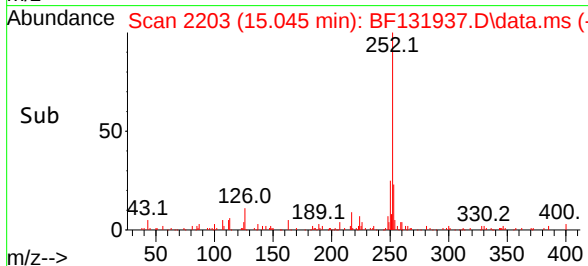
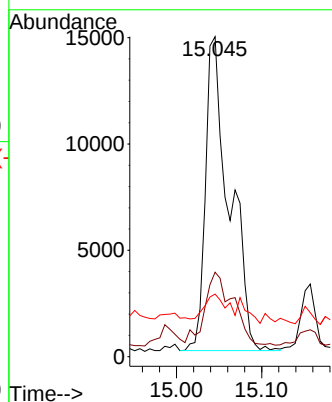
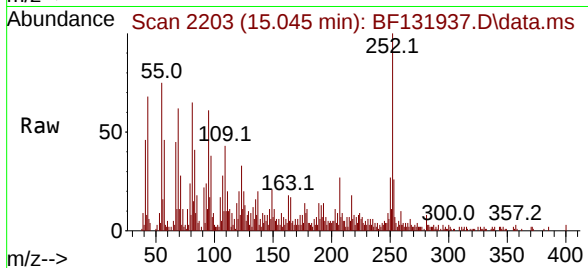
Tgt Ion:252 Resp: 28762

Ion Ratio Lower Upper

252 100

253 26.4 17.6 26.4#

125 19.5 5.8 8.8#



#89

Benzo(k)fluoranthene

Concen: 2.782 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.023 min

Lab File: BF131937.D

Acq: 06 Jan 2023 12:43

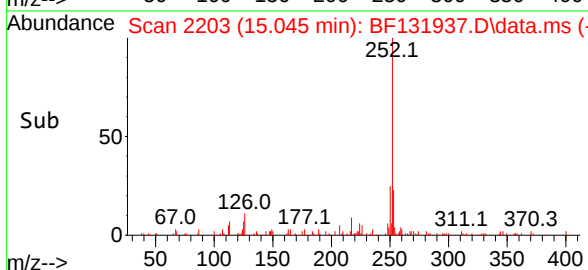
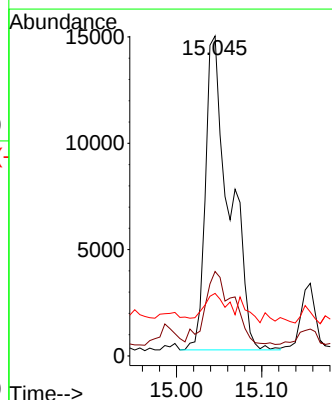
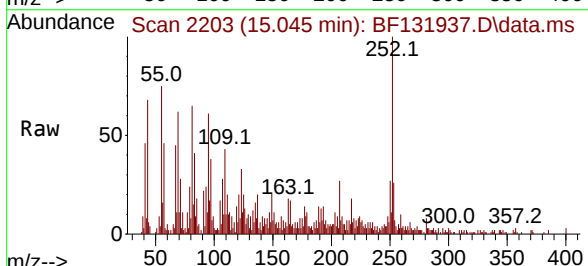
Tgt Ion:252 Resp: 28762

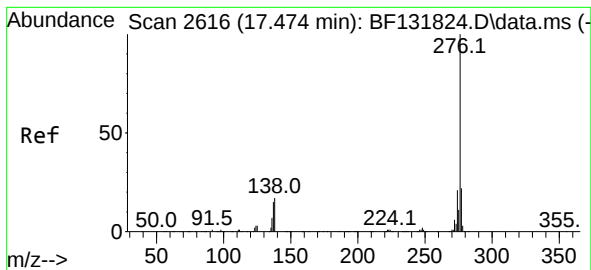
Ion Ratio Lower Upper

252 100

253 26.4 17.7 26.5

125 19.5 5.4 8.0#





#92

Benzo(g,h,i)perylene

Concen: 6.681 ng

RT: 17.392 min Scan# 20

Delta R.T. -0.006 min

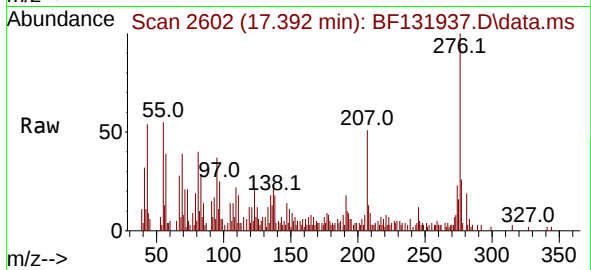
Lab File: BF131937.D

Acq: 06 Jan 2023 12:43

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:276 Resp: 14458

Ion Ratio Lower Upper

276 100

277 25.9 17.9 26.9

138 17.6 13.7 20.5

