

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132578.D
 Acq On : 28 Feb 2023 18:25
 Operator : CG\JU
 Sample : 01701-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-13-GW01

Quant Time: Mar 01 02:29:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

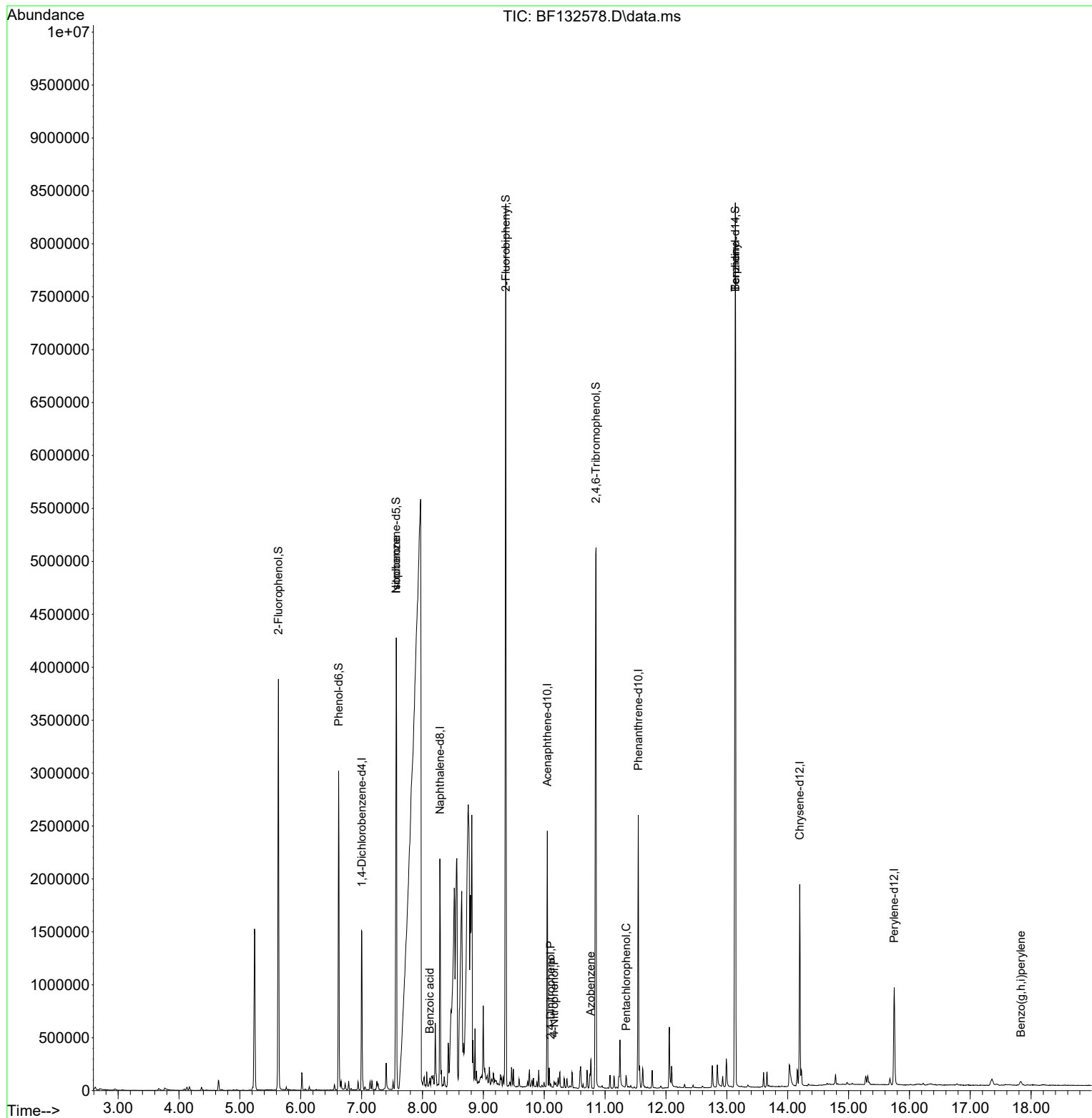
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	239085	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	866856	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	466608	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	925506	20.000	ng	0.00
76) Chrysene-d12	14.198	240	608526	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	458594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1081768	73.433	ng	0.00
7) Phenol-d6	6.622	99	1046735	54.445	ng	-0.01
23) Nitrobenzene-d5	7.569	82	1691024	92.552	ng	0.00
42) 2,4,6-Tribromophenol	10.851	330	758411	150.503	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	2630594	85.843	ng	0.00
79) Terphenyl-d14	13.139	244	3463450	96.229	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.569	82	1690648	48.263	ng	# 67
32) Benzoic acid	8.122	122	12376	4.898	ng	91
54) 2,4-Dinitrophenol	10.104	184	4491	2.745	ng	91
56) 4-Nitrophenol	10.163	139	13023	2.018	ng	92
63) Azobenzene	10.763	77	91881	2.615	ng	# 1
70) Pentachlorophenol	11.345	266	15170	2.315	ng	96
77) Benzidine	13.139	184	51381	3.469	ng	# 70
92) Benzo(g,h,i)perylene	17.833	276	31566	2.717	ng	94

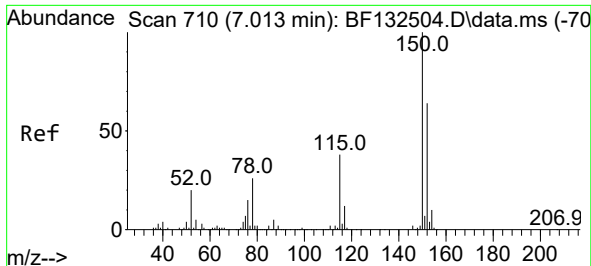
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
Data File : BF132578.D
Acq On : 28 Feb 2023 18:25
Operator : CG\JU
Sample : 01701-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-13-GW01

Quant Time: Mar 01 02:29:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

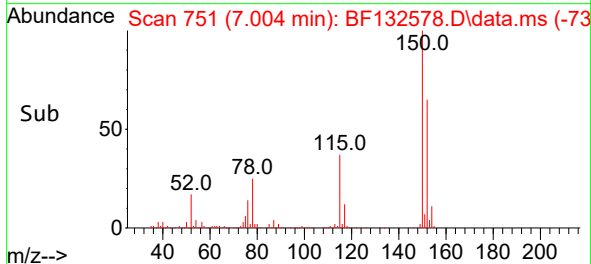
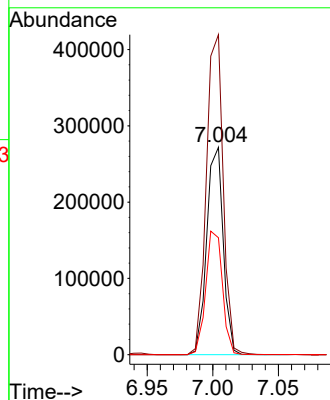
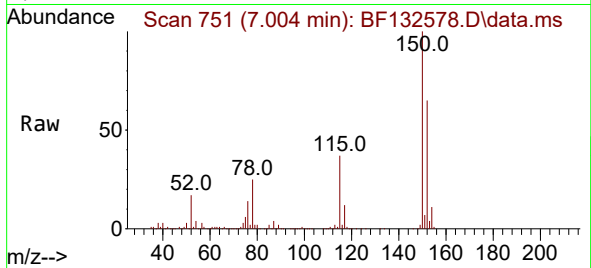




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

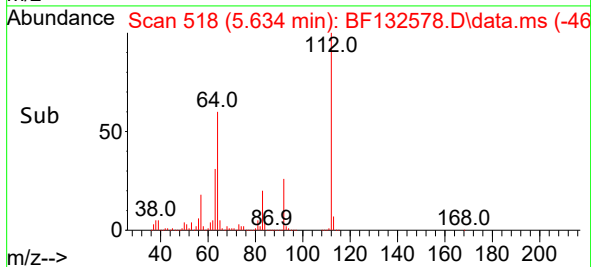
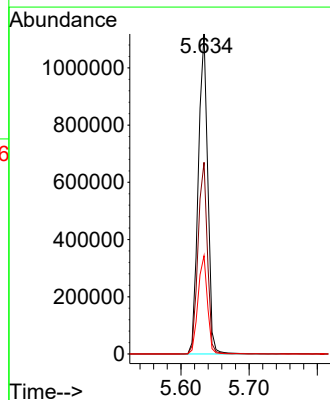
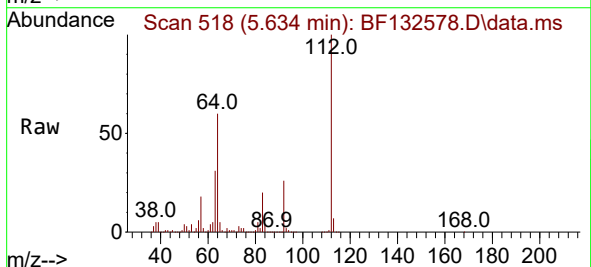
Instrument :
BNA_F
ClientSampleId :
B-13-GW01

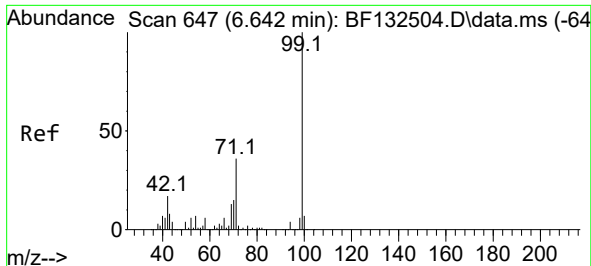
Tgt Ion:152 Resp: 239085
Ion Ratio Lower Upper
152 100
150 154.3 125.4 188.2
115 56.4 47.8 71.6



#5
2-Fluorophenol
Concen: 73.433 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

Tgt Ion:112 Resp: 1081768
Ion Ratio Lower Upper
112 100
64 59.9 51.6 77.4
63 30.7 27.4 41.2

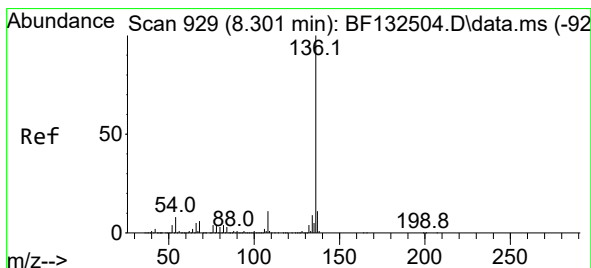
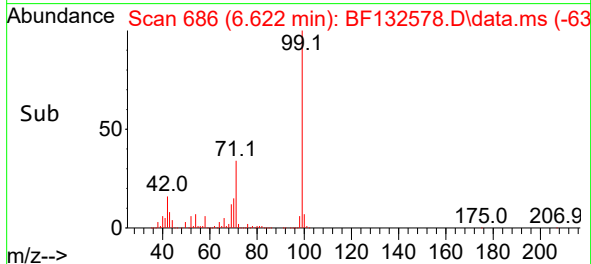
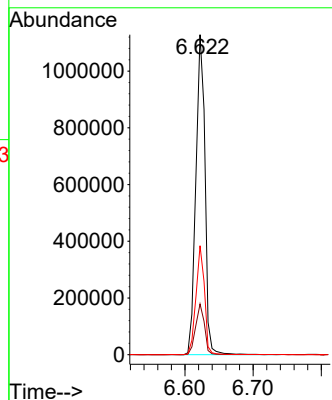
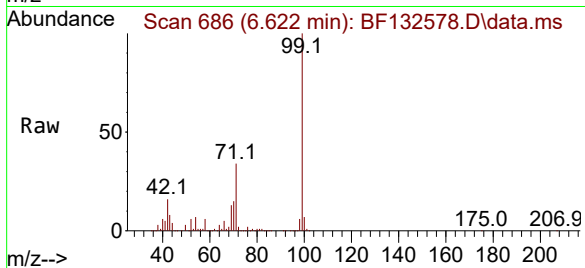




#7
Phenol-d6
Concen: 54.445 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

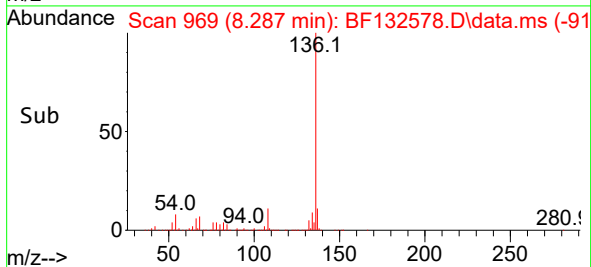
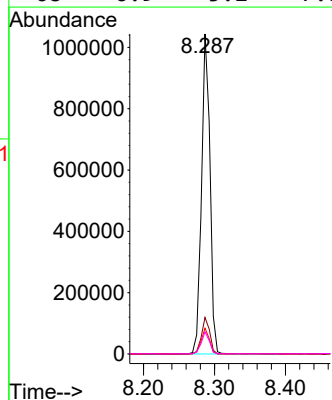
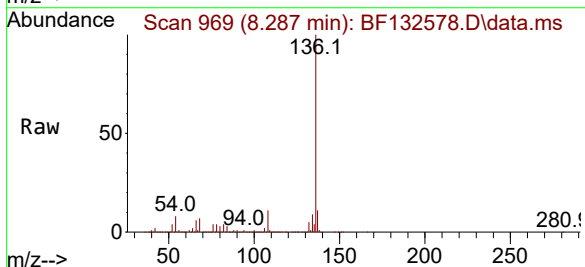
Instrument :
BNA_F
ClientSampleId :
B-13-GW01

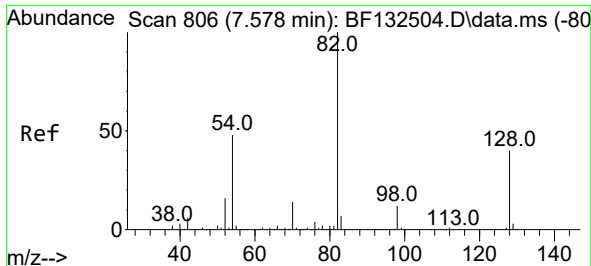
Tgt Ion: 99 Resp: 1046735
Ion Ratio Lower Upper
99 100
42 15.8 13.9 20.9
71 34.1 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

Tgt Ion:136 Resp: 866856
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.1 6.2 9.4
68 6.9 5.2 7.8

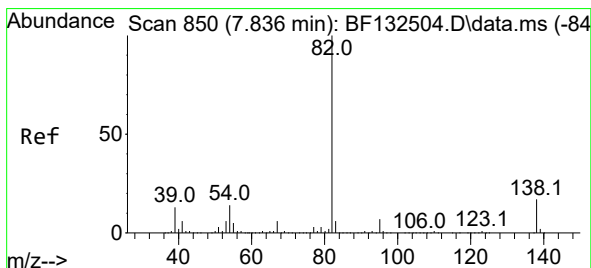
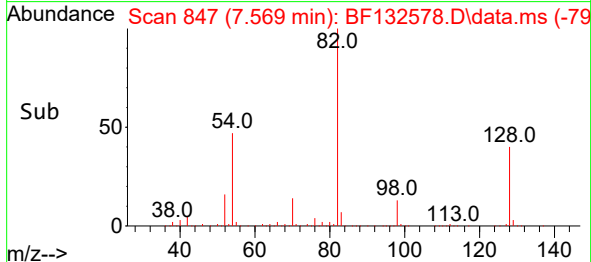
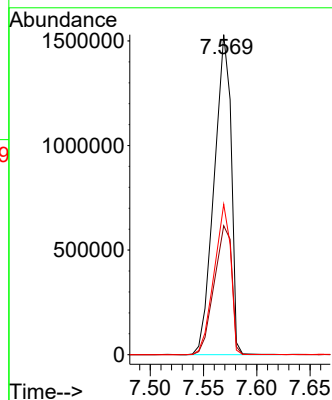
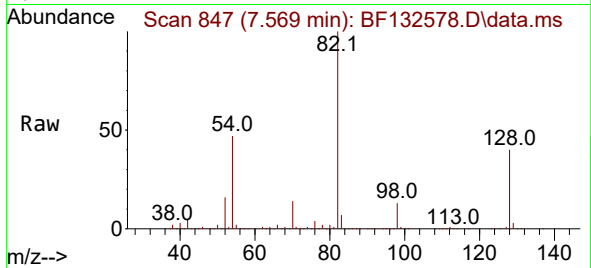




#23
Nitrobenzene-d5
Concen: 92.552 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

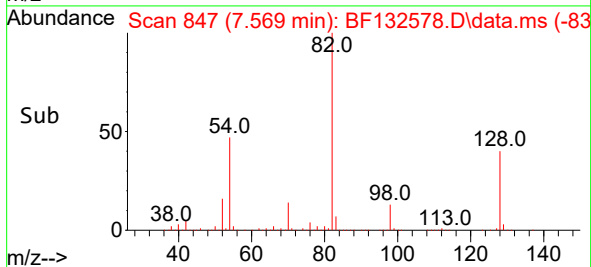
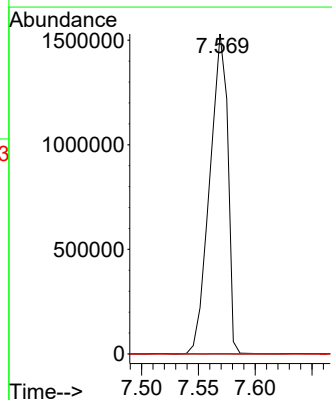
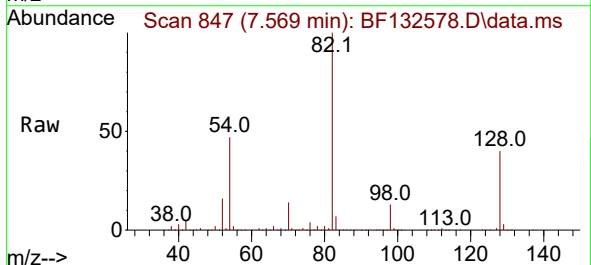
Instrument :
BNA_F
ClientSampleId :
B-13-GW01

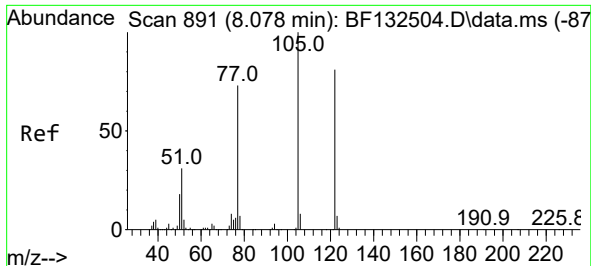
Tgt Ion: 82 Resp: 1691024
Ion Ratio Lower Upper
82 100
128 40.3 32.2 48.2
54 47.0 38.4 57.6



#25
Isophorone
Concen: 48.263 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.256 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

Tgt Ion: 82 Resp: 1690648
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#

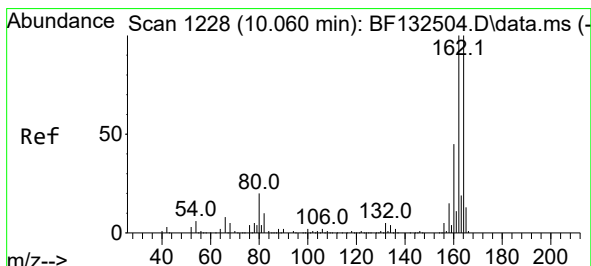
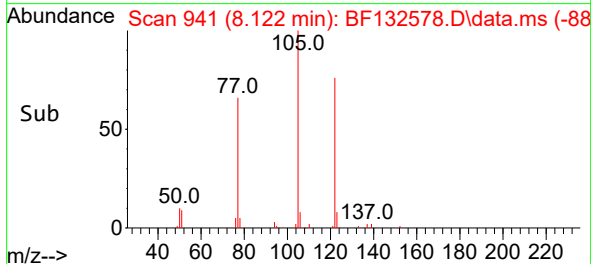
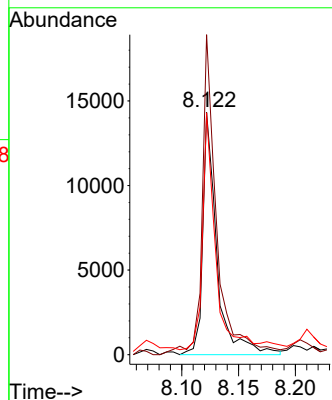
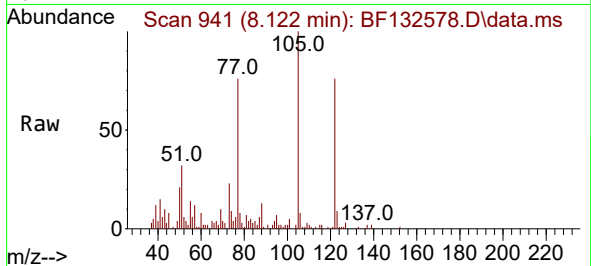




#32
Benzoic acid
Concen: 4.898 ng
RT: 8.122 min Scan# 941
Delta R.T. 0.056 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

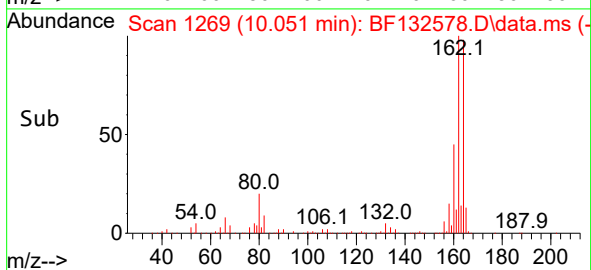
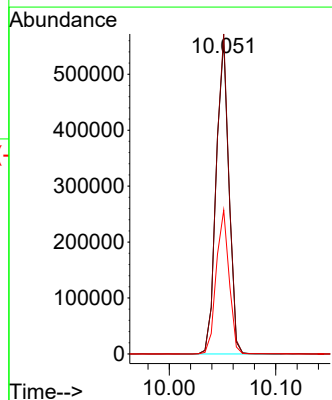
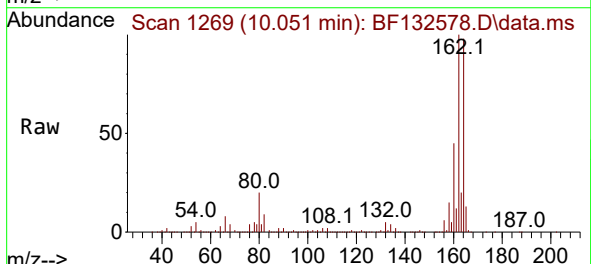
Instrument :
BNA_F
ClientSampleId :
B-13-GW01

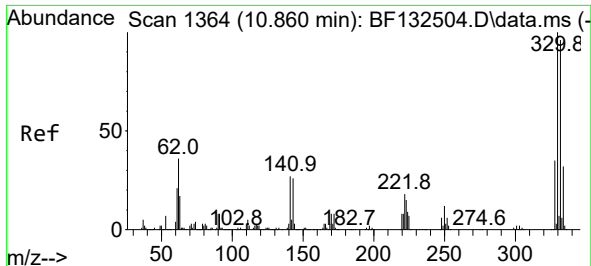
Tgt Ion:122 Resp: 12376
Ion Ratio Lower Upper
122 100
105 132.1 102.6 142.6
77 99.8 70.2 110.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1269
Delta R.T. -0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

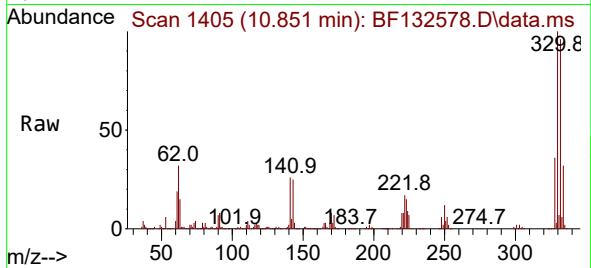
Tgt Ion:164 Resp: 466608
Ion Ratio Lower Upper
164 100
162 102.0 79.8 119.8
160 45.9 35.8 53.6



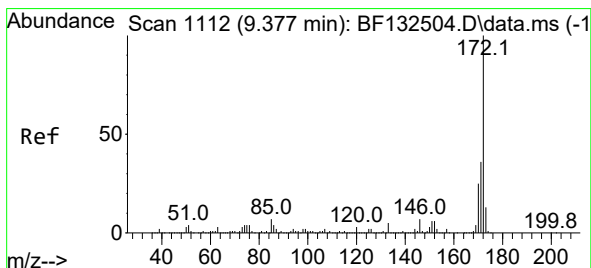
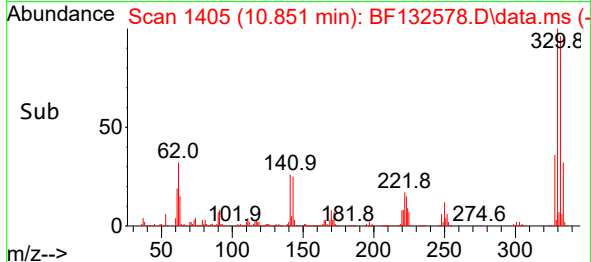
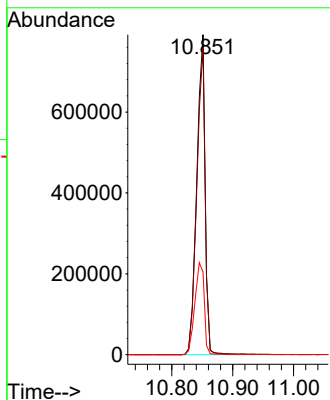


#42
2,4,6-Tribromophenol
Concen: 150.503 ng
RT: 10.851 min Scan# 1405
Delta R.T. 0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

Instrument :
BNA_F
ClientSampleId :
B-13-GW01

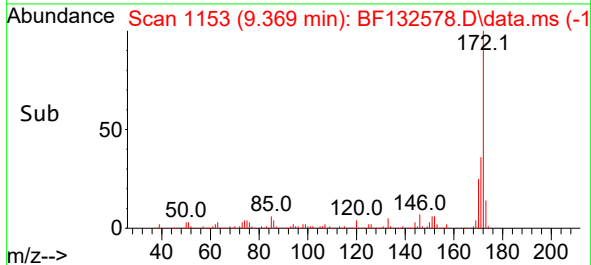
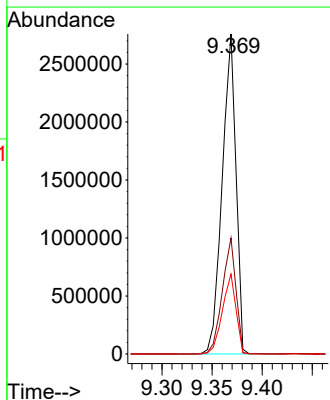
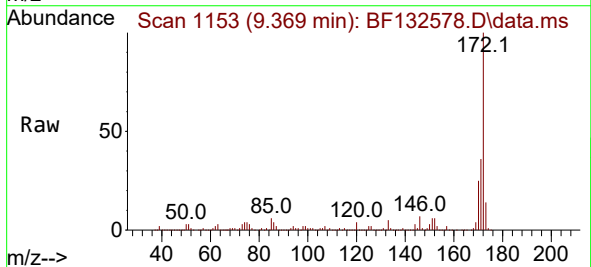


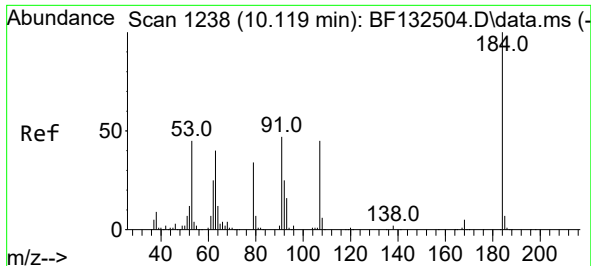
Tgt Ion: 330 Resp: 758411
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 32.2 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 85.843 ng
RT: 9.369 min Scan# 1153
Delta R.T. -0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

Tgt Ion: 172 Resp: 2630594
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 25.0 19.7 29.5

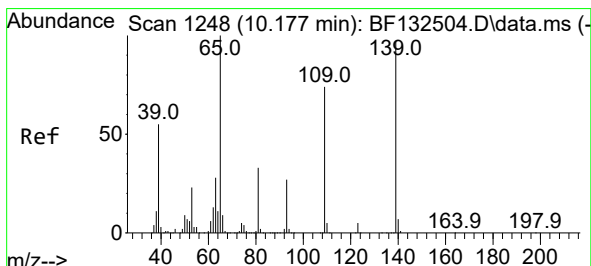
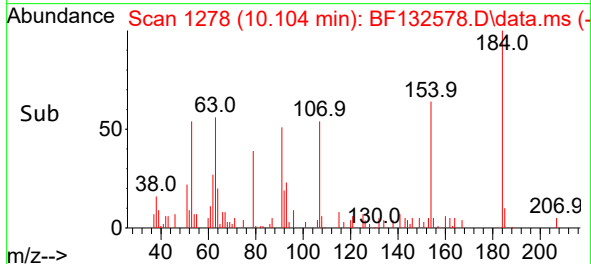
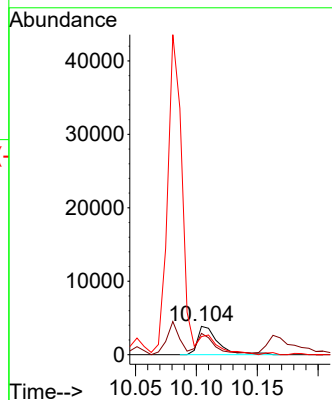
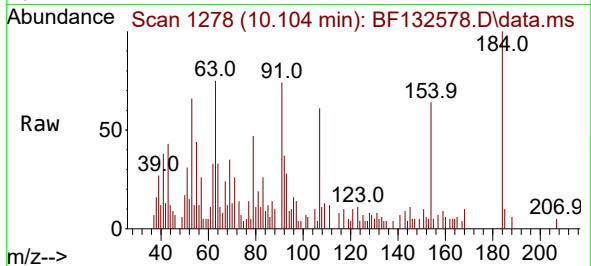




#54
2,4-Dinitrophenol
Concen: 2.745 ng
RT: 10.104 min Scan# 1238
Delta R.T. -0.009 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

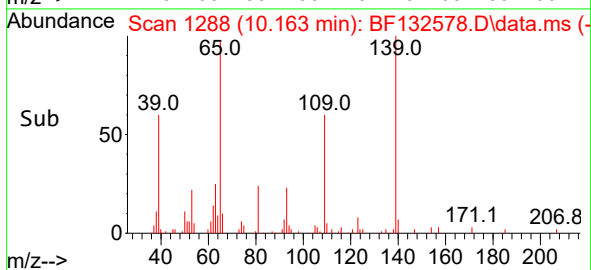
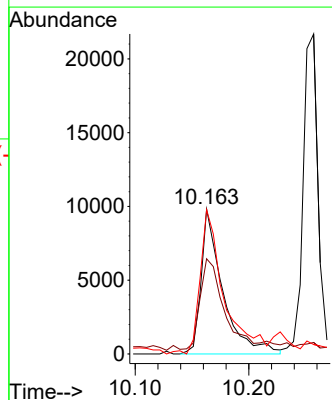
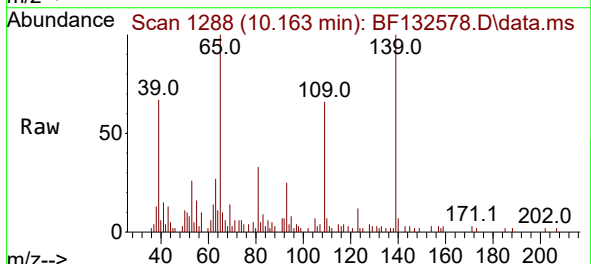
Instrument :
BNA_F
ClientSampleId :
B-13-GW01

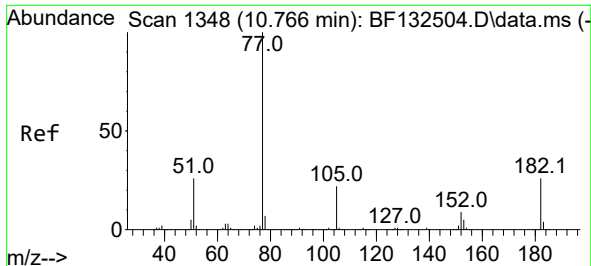
Tgt Ion:184 Resp: 4491
Ion Ratio Lower Upper
184 100
63 74.9 51.4 77.2
154 63.8 48.3 72.5



#56
4-Nitrophenol
Concen: 2.018 ng
RT: 10.163 min Scan# 1288
Delta R.T. -0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

Tgt Ion:139 Resp: 13023
Ion Ratio Lower Upper
139 100
109 65.7 56.7 96.7
65 99.7 83.5 123.5

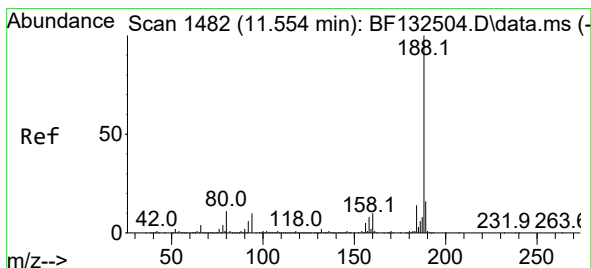
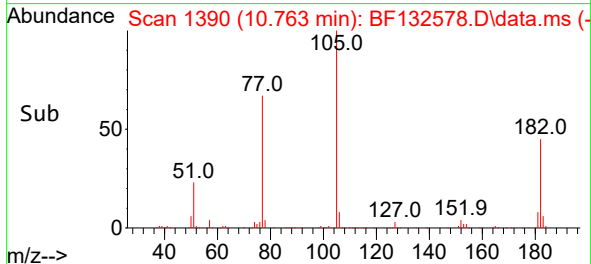
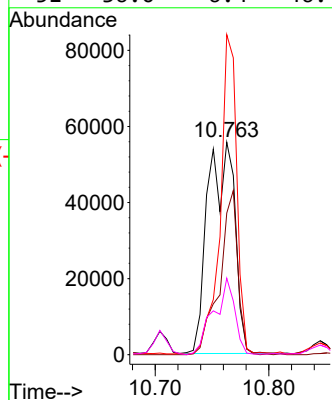
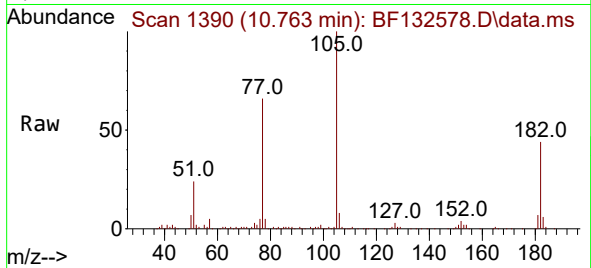




#63
 Azobenzene
 Concen: 2.615 ng
 RT: 10.763 min Scan# 11
 Delta R.T. 0.009 min
 Lab File: BF132578.D
 Acq: 28 Feb 2023 18:25

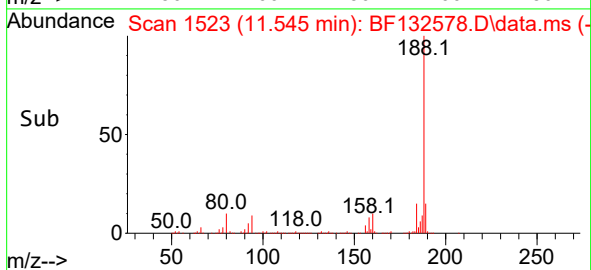
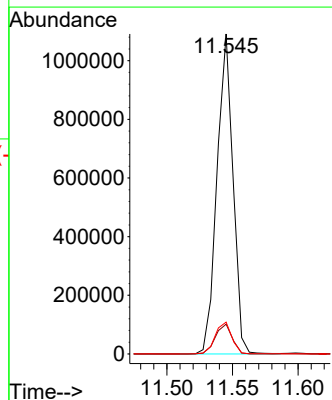
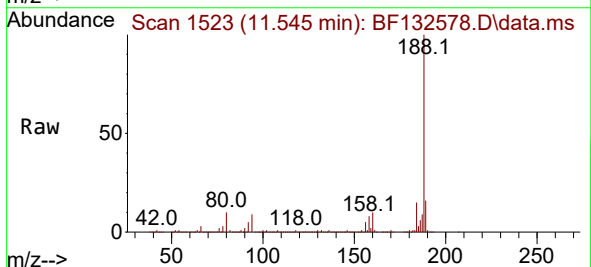
Instrument :
 BNA_F
 ClientSampleId :
 B-13-GW01

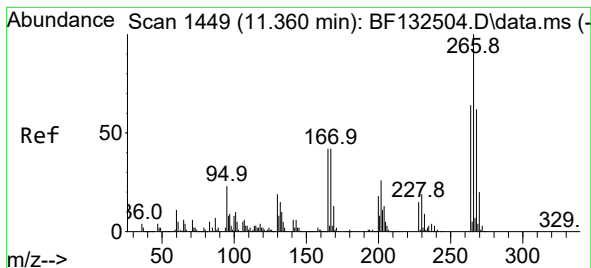
Tgt Ion: 77 Resp: 91881
 Ion Ratio Lower Upper
 77 100
 182 66.6 5.5 45.5#
 105 150.6 1.8 41.8#
 51 36.0 6.4 46.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.545 min Scan# 1523
 Delta R.T. -0.003 min
 Lab File: BF132578.D
 Acq: 28 Feb 2023 18:25

Tgt Ion: 188 Resp: 925506
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.3 12.5
 80 9.9 8.7 13.1





#70

Pentachlorophenol

Concen: 2.315 ng

RT: 11.345 min Scan# 1449

Delta R.T. -0.003 min

Lab File: BF132578.D

Acq: 28 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

B-13-GW01

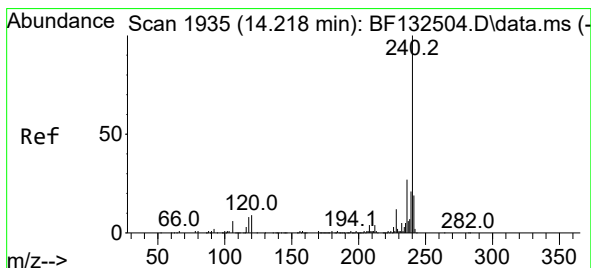
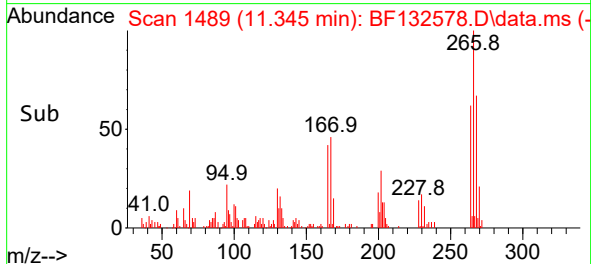
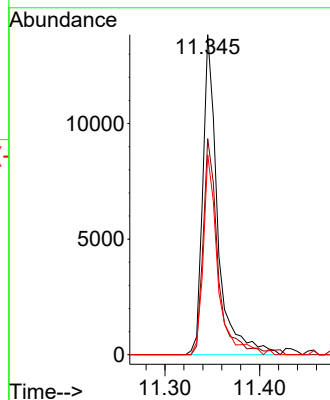
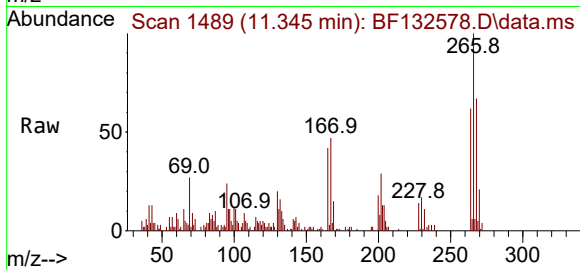
Tgt Ion:266 Resp: 15170

Ion Ratio Lower Upper

266 100

268 67.5 49.8 74.6

264 62.5 50.9 76.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.198 min Scan# 1974

Delta R.T. -0.009 min

Lab File: BF132578.D

Acq: 28 Feb 2023 18:25

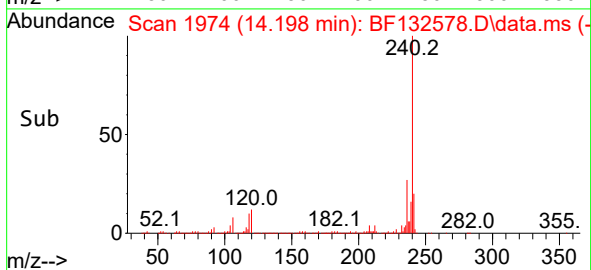
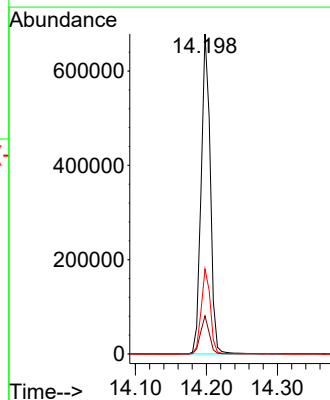
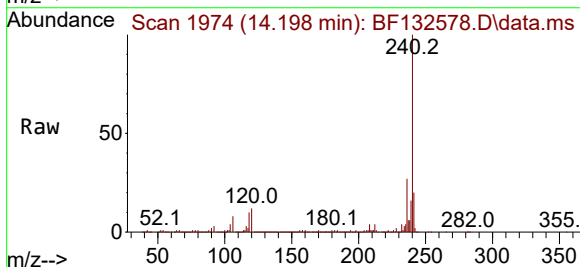
Tgt Ion:240 Resp: 608526

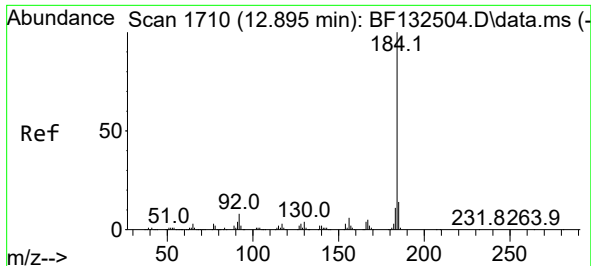
Ion Ratio Lower Upper

240 100

120 11.9 7.2 10.8#

236 26.5 21.8 32.6

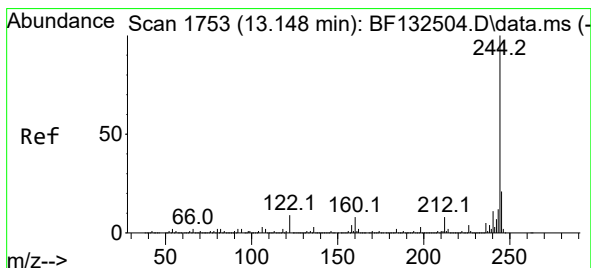
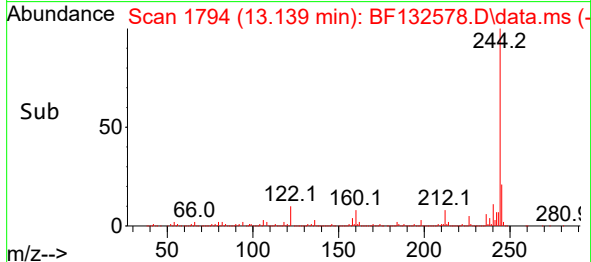
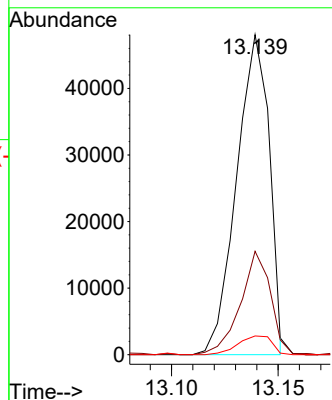
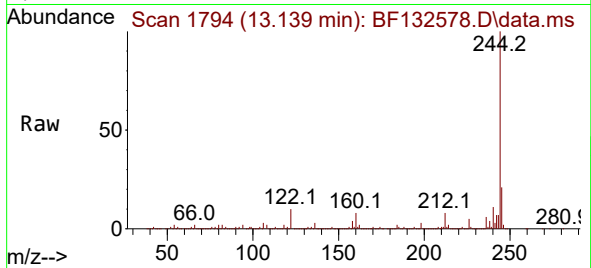




#77
Benzidine
Concen: 3.469 ng
RT: 13.139 min Scan# 1794
Delta R.T. 0.256 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

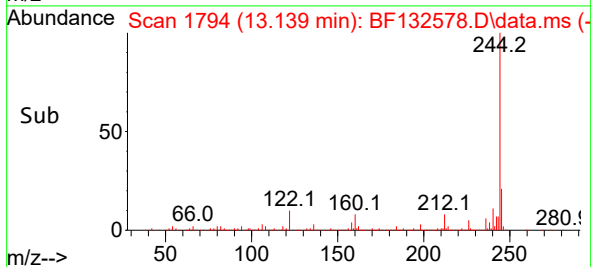
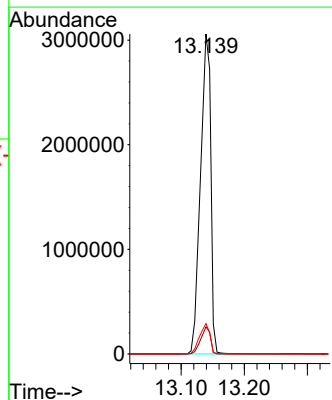
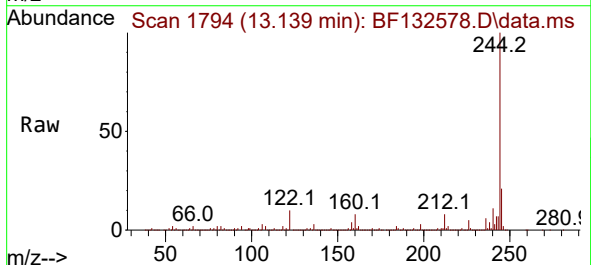
Instrument :
BNA_F
ClientSampleId :
B-13-GW01

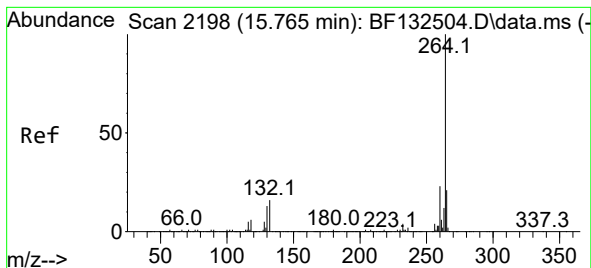
Tgt Ion:184 Resp: 51381
Ion Ratio Lower Upper
184 100
185 32.3 11.7 17.5#
183 5.9 8.7 13.1#



#79
Terphenyl-d14
Concen: 96.229 ng
RT: 13.139 min Scan# 1794
Delta R.T. -0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

Tgt Ion:244 Resp: 3463450
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 9.5 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.751 min Scan# 21

Delta R.T. -0.003 min

Lab File: BF132578.D

Acq: 28 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

B-13-GW01

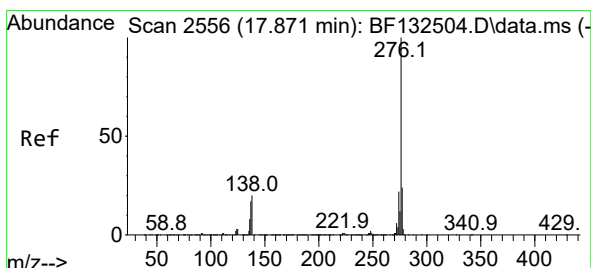
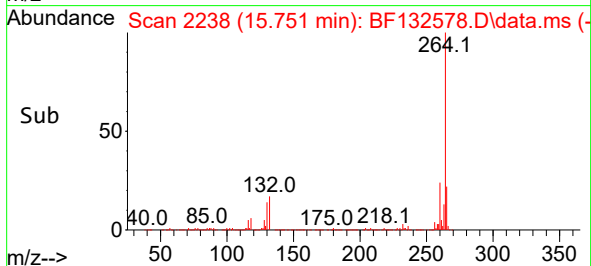
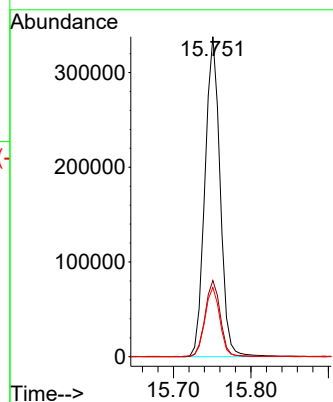
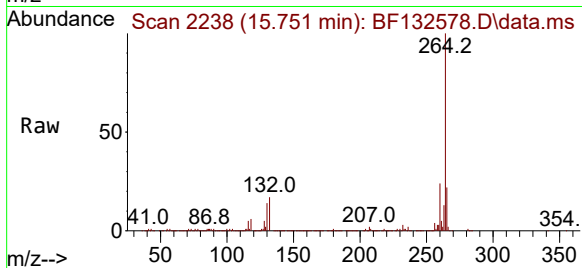
Tgt Ion:264 Resp: 458594

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.7 17.1 25.7



#92

Benzo(g,h,i)perylene

Concen: 2.717 ng

RT: 17.833 min Scan# 2592

Delta R.T. -0.020 min

Lab File: BF132578.D

Acq: 28 Feb 2023 18:25

Tgt Ion:276 Resp: 31566

Ion Ratio Lower Upper

276 100

277 20.9 18.9 28.3

138 23.7 16.2 24.4

