

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
 Data File : BF132588.D
 Acq On : 01 Mar 2023 13:32
 Operator : CG\JU
 Sample : 01701-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-13-GW01

Quant Time: Mar 02 03:16:18 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)

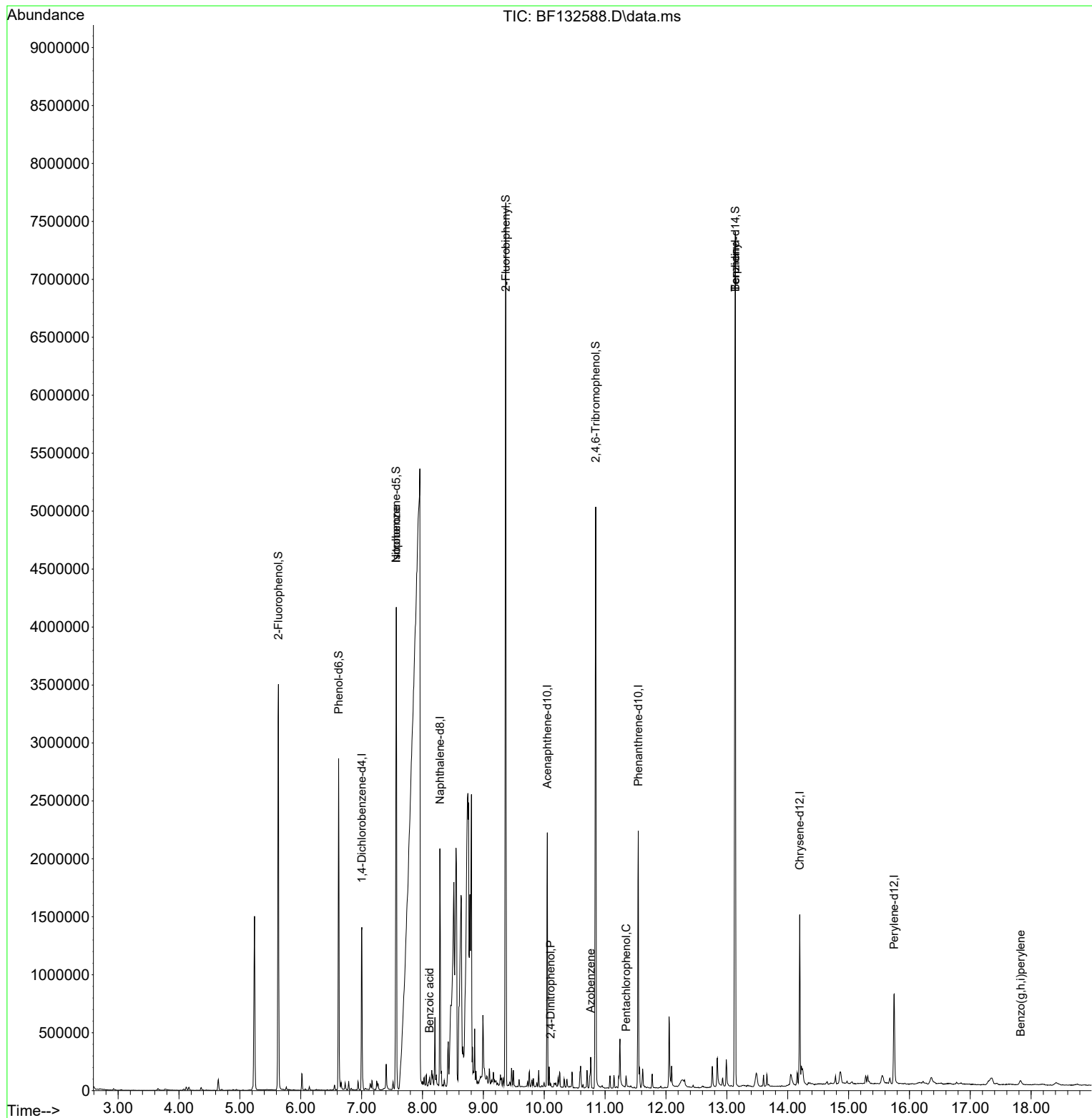
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	218330	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	802191	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	430863	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	809212	20.000	ng	0.00
76) Chrysene-d12	14.198	240	463723	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	398966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1029878	76.557	ng	0.00
7) Phenol-d6	6.622	99	968512	55.165	ng	-0.01
23) Nitrobenzene-d5	7.569	82	1558127	92.153	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	667023	143.349	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	2439440	86.209	ng	0.00
79) Terphenyl-d14	13.139	244	2840845	103.578	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.569	82	1558127	48.066	ng	# 67
32) Benzoic acid	8.116	122	12928	5.035	ng	97
54) 2,4-Dinitrophenol	10.104	184	4468	2.814	ng	# 85
63) Azobenzene	10.763	77	78010	2.404	ng	# 1
70) Pentachlorophenol	11.345	266	12926	2.256	ng	96
77) Benzidine	13.139	184	41106	3.641	ng	# 73
92) Benzo(g,h,i)perylene	17.827	276	30570	2.841	ng	# 90

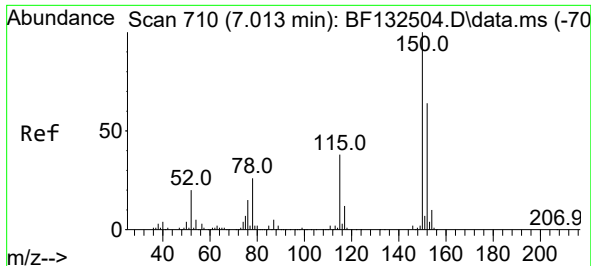
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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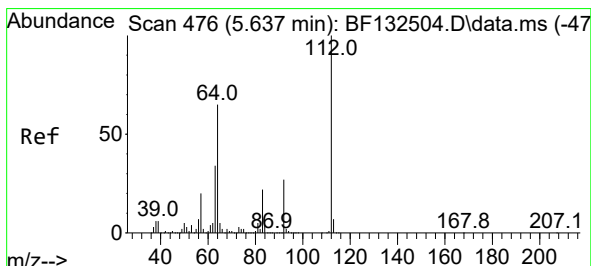
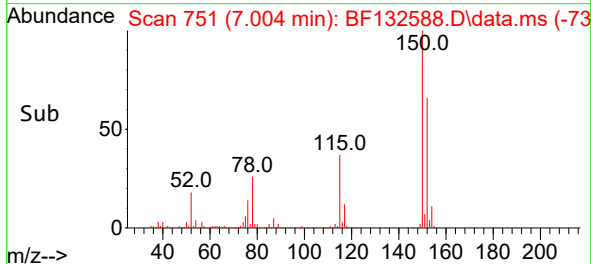
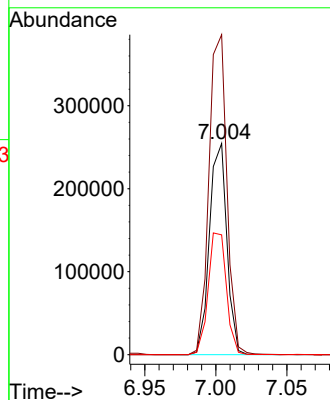
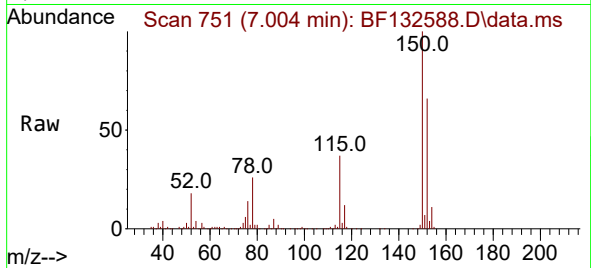




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.004 min Scan# 710
 Delta R.T. -0.003 min
 Lab File: BF132588.D
 Acq: 01 Mar 2023 13:32

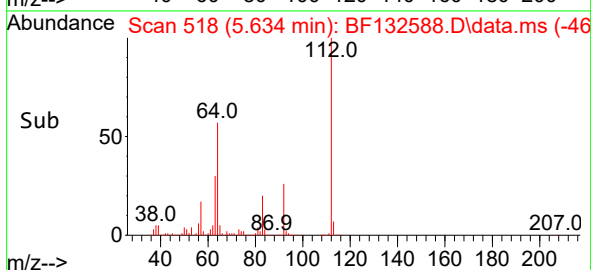
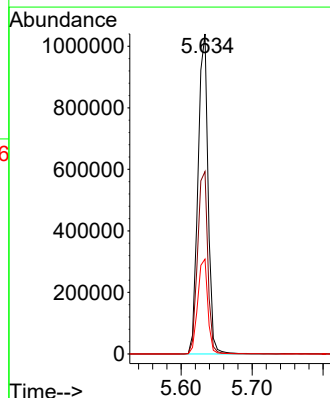
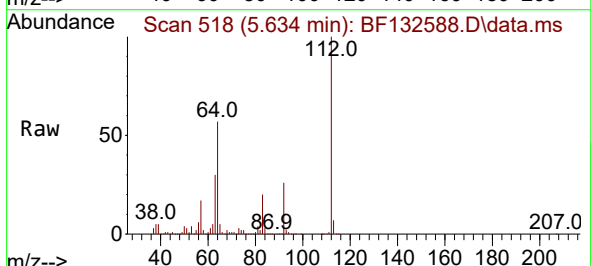
Instrument :
 BNA_F
 ClientSampleId :
 B-13-GW01

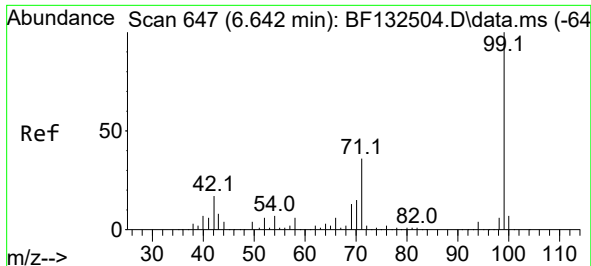
Tgt Ion:152 Resp: 218330
 Ion Ratio Lower Upper
 152 100
 150 151.6 125.4 188.2
 115 56.8 47.8 71.6



#5
 2-Fluorophenol
 Concen: 76.557 ng
 RT: 5.634 min Scan# 518
 Delta R.T. 0.003 min
 Lab File: BF132588.D
 Acq: 01 Mar 2023 13:32

Tgt Ion:112 Resp: 1029878
 Ion Ratio Lower Upper
 112 100
 64 57.0 51.6 77.4
 63 29.6 27.4 41.2

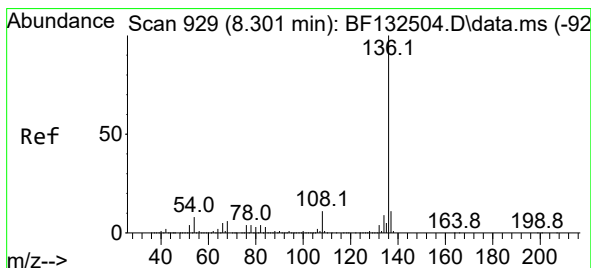
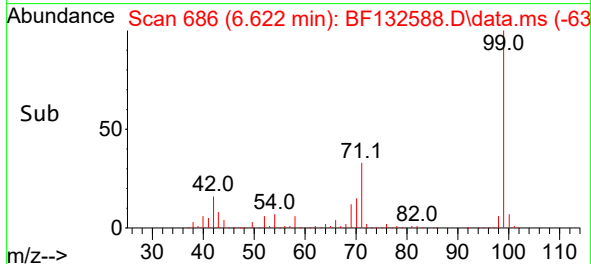
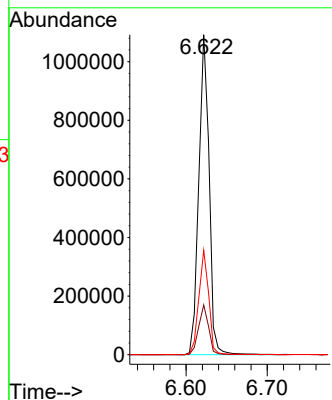
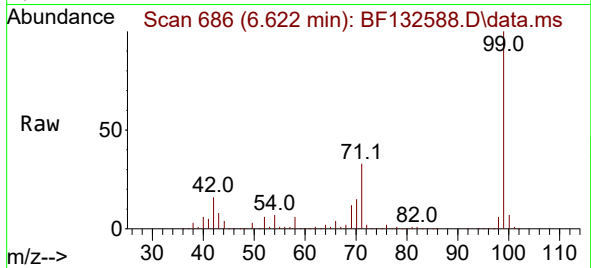




#7
Phenol-d6
Concen: 55.165 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132588.D
Acq: 01 Mar 2023 13:32

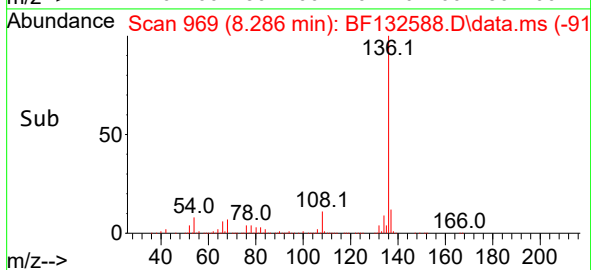
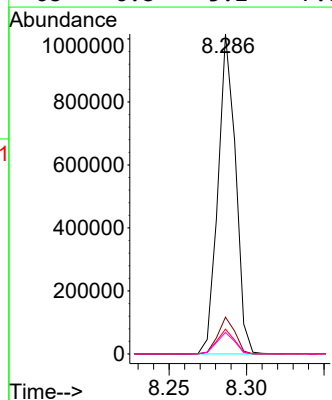
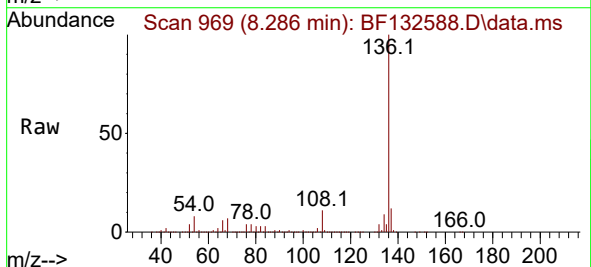
Instrument :
BNA_F
ClientSampleId :
B-13-GW01

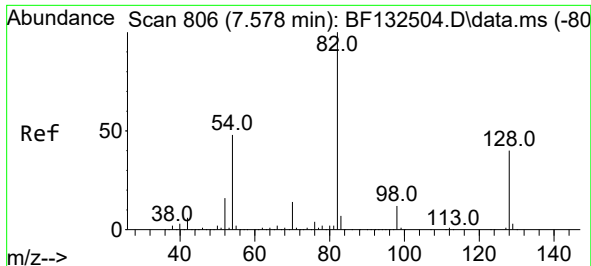
Tgt Ion: 99 Resp: 968512
Ion Ratio Lower Upper
99 100
42 15.5 13.9 20.9
71 32.6 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132588.D
Acq: 01 Mar 2023 13:32

Tgt Ion: 136 Resp: 802191
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 7.8 6.2 9.4
68 6.8 5.2 7.8





#23

Nitrobenzene-d5

Concen: 92.153 ng

RT: 7.569 min Scan# 847

Delta R.T. -0.003 min

Lab File: BF132588.D

Acq: 01 Mar 2023 13:32

Instrument :

BNA_F

ClientSampleId :

B-13-GW01

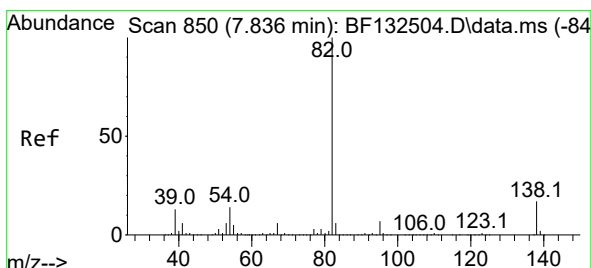
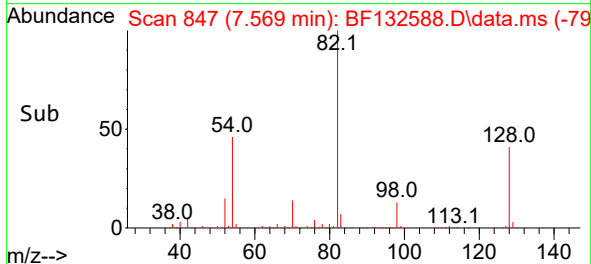
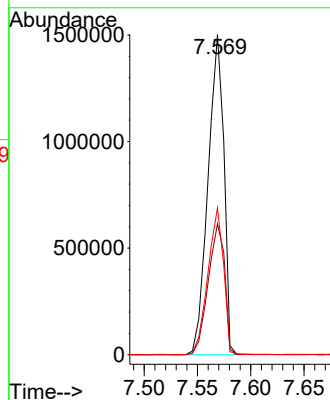
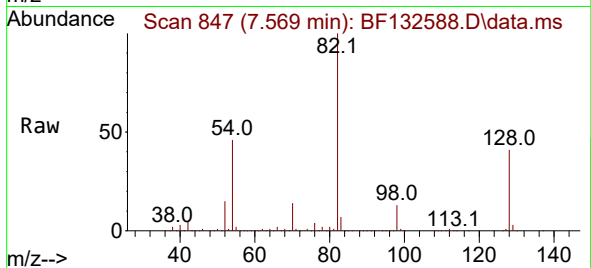
Tgt Ion: 82 Resp: 1558127

Ion Ratio Lower Upper

82 100

128 40.9 32.2 48.2

54 45.8 38.4 57.6



#25

Isophorone

Concen: 48.066 ng

RT: 7.569 min Scan# 847

Delta R.T. -0.256 min

Lab File: BF132588.D

Acq: 01 Mar 2023 13:32

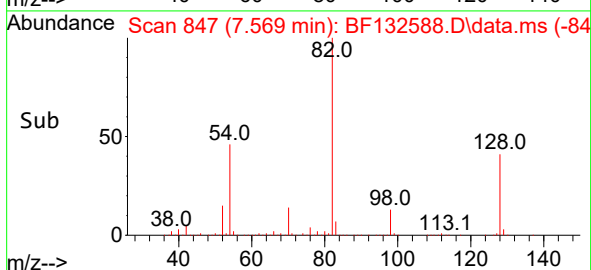
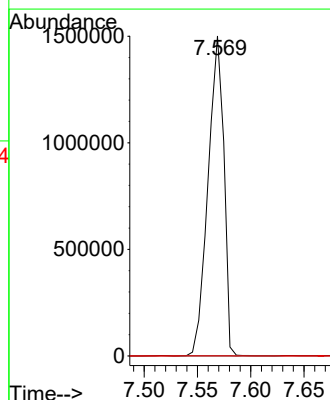
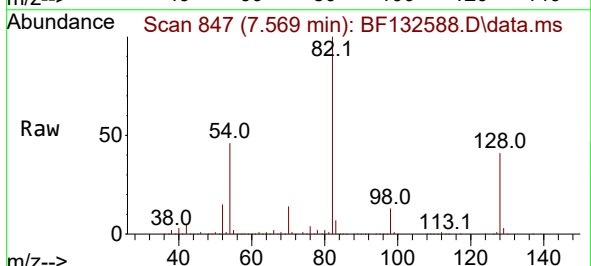
Tgt Ion: 82 Resp: 1558127

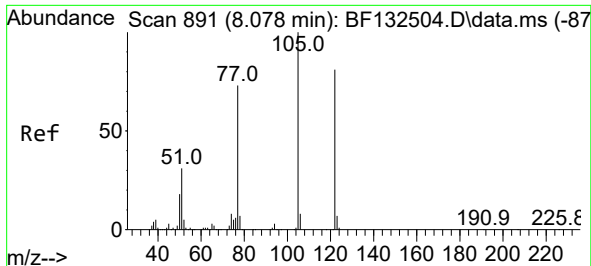
Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

138 0.0 13.3 19.9#

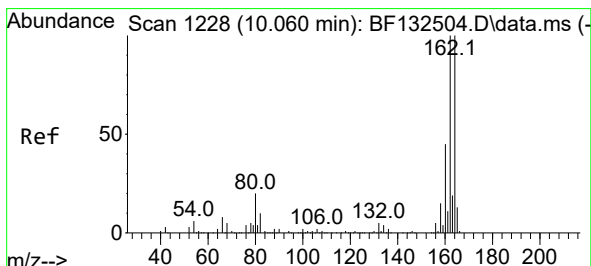
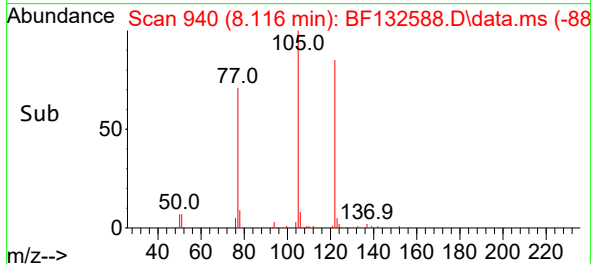
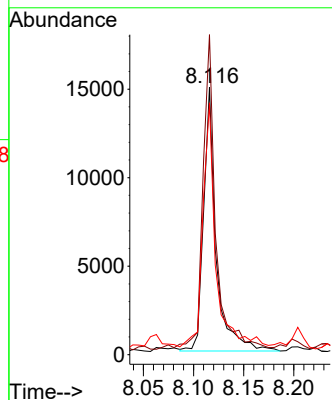
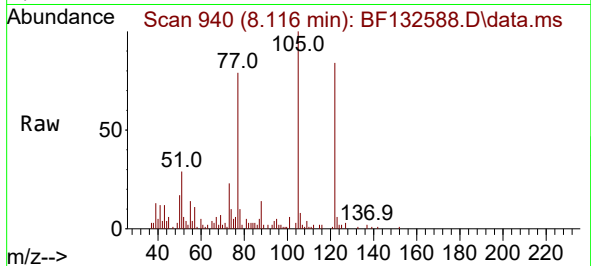




#32
Benzoic acid
Concen: 5.035 ng
RT: 8.116 min Scan# 94
Delta R.T. 0.050 min
Lab File: BF132588.D
Acq: 01 Mar 2023 13:32

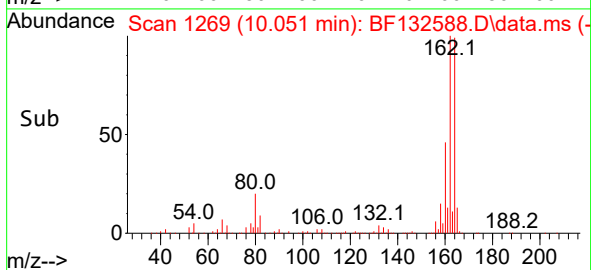
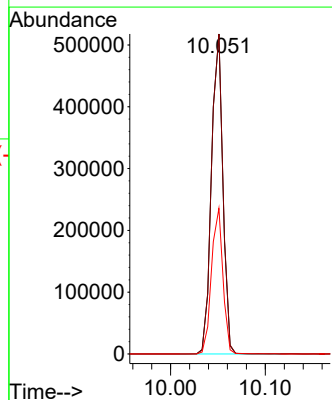
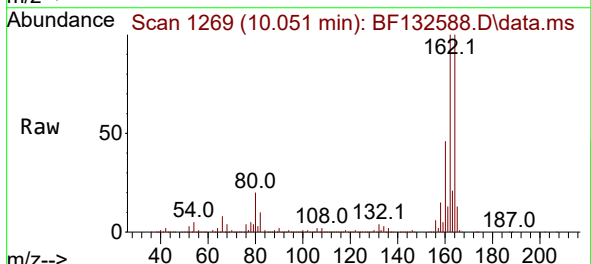
Instrument :
BNA_F
ClientSampleId :
B-13-GW01

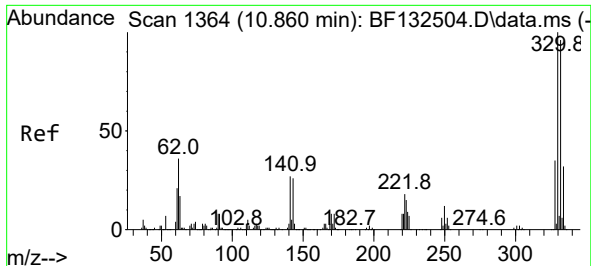
Tgt Ion:122 Resp: 12928
Ion Ratio Lower Upper
122 100
105 119.7 102.6 142.6
77 94.2 70.2 110.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1269
Delta R.T. -0.003 min
Lab File: BF132588.D
Acq: 01 Mar 2023 13:32

Tgt Ion:164 Resp: 430863
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.8
160 45.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 143.349 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132588.D

Acq: 01 Mar 2023 13:32

Instrument :

BNA_F

ClientSampleId :

B-13-GW01

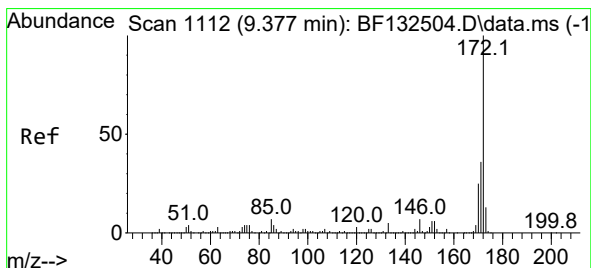
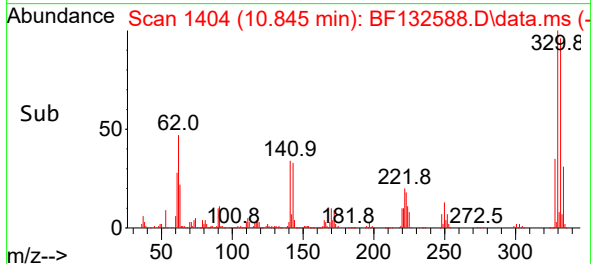
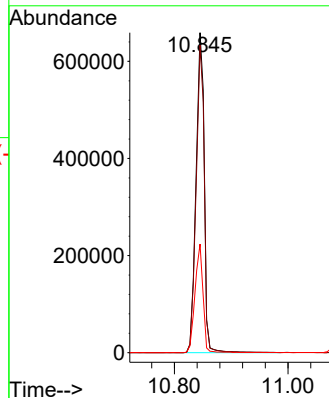
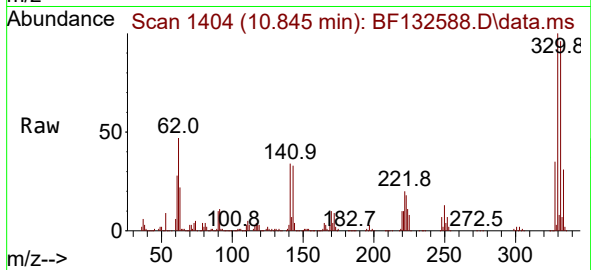
Tgt Ion:330 Resp: 667023

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

141 33.0 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 86.209 ng

RT: 9.369 min Scan# 1153

Delta R.T. -0.003 min

Lab File: BF132588.D

Acq: 01 Mar 2023 13:32

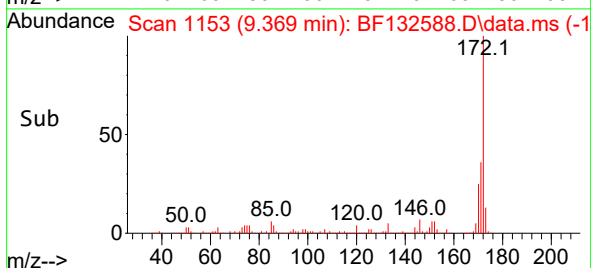
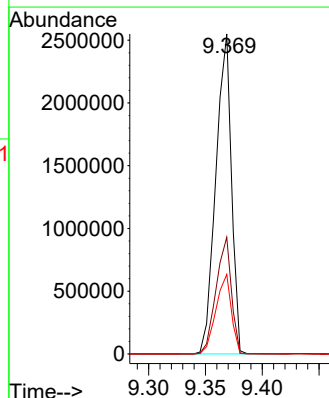
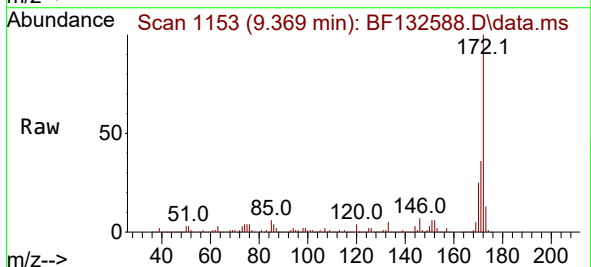
Tgt Ion:172 Resp: 2439440

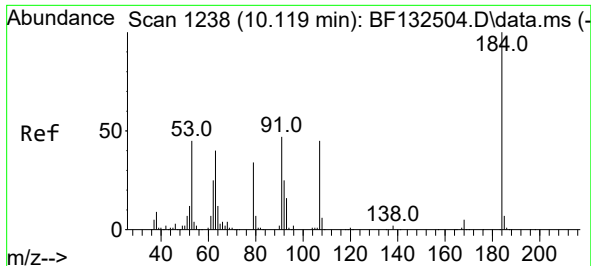
Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.8 19.7 29.5

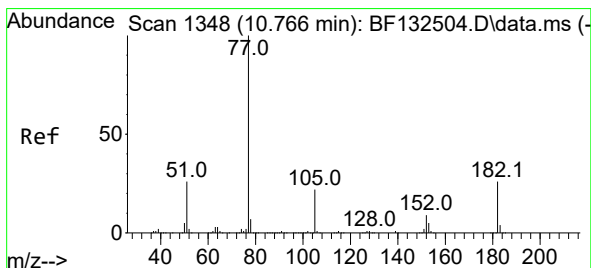
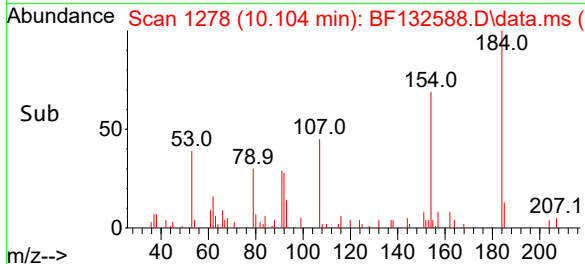
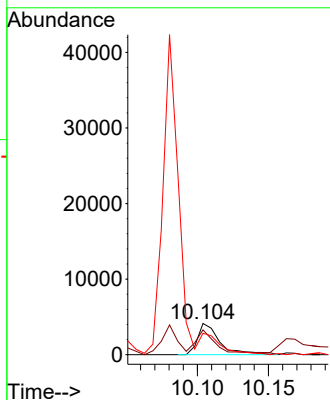
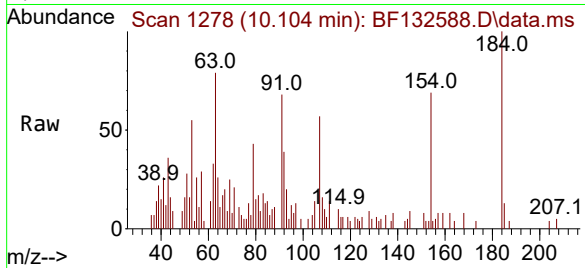




#54
2,4-Dinitrophenol
Concen: 2.814 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132588.D
Acq: 01 Mar 2023 13:32

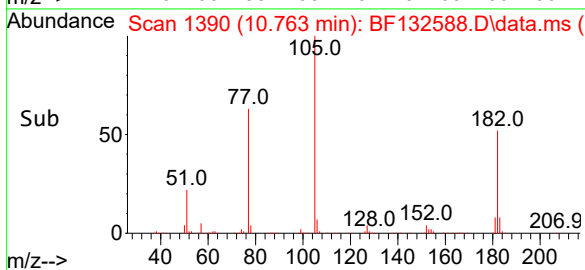
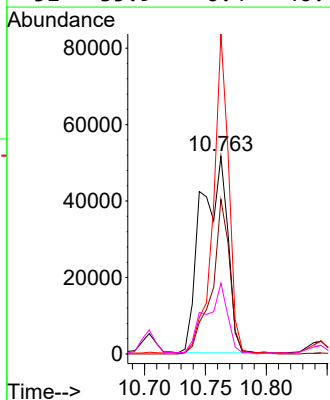
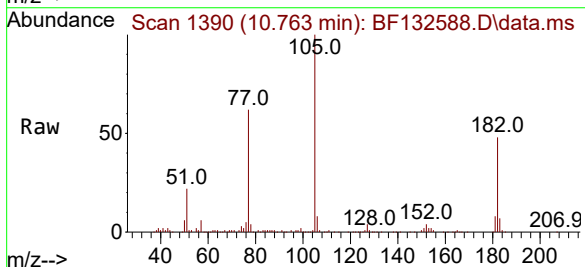
Instrument :
BNA_F
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B-13-GW01

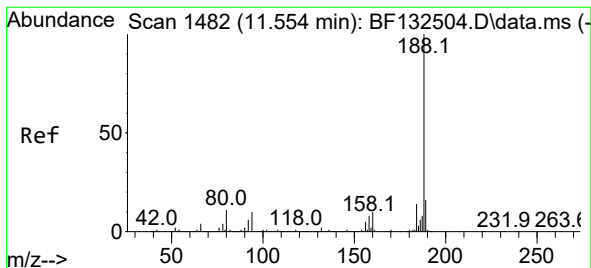
Tgt Ion:184 Resp: 4468
Ion Ratio Lower Upper
184 100
63 79.2 51.4 77.2#
154 68.6 48.3 72.5



#63
Azobenzene
Concen: 2.404 ng
RT: 10.763 min Scan# 1390
Delta R.T. 0.009 min
Lab File: BF132588.D
Acq: 01 Mar 2023 13:32

Tgt Ion: 77 Resp: 78010
Ion Ratio Lower Upper
77 100
182 78.2 5.5 45.5#
105 161.9 1.8 41.8#
51 35.9 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.545 min Scan# 1482

Delta R.T. -0.003 min

Lab File: BF132588.D

Acq: 01 Mar 2023 13:32

Instrument :

BNA_F

ClientSampleId :

B-13-GW01

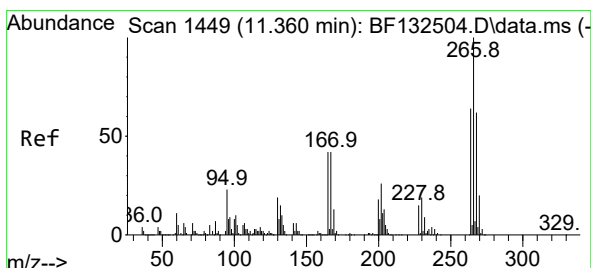
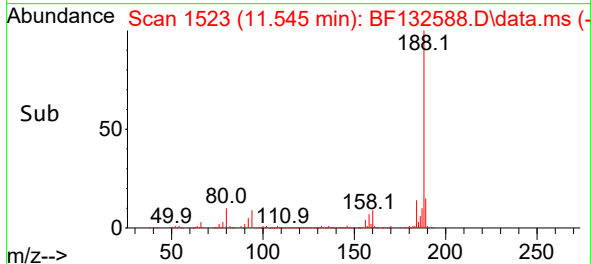
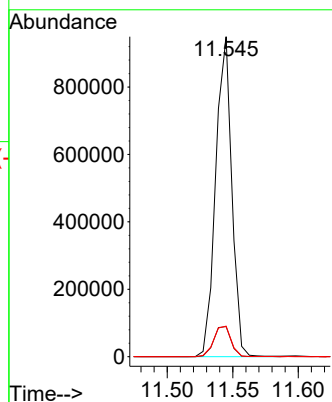
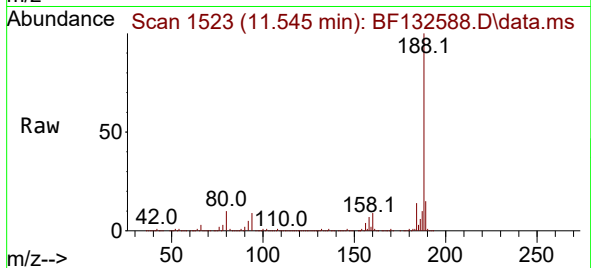
Tgt Ion:188 Resp: 809212

Ion Ratio Lower Upper

188 100

94 9.4 8.3 12.5

80 9.5 8.7 13.1



#70

Pentachlorophenol

Concen: 2.256 ng

RT: 11.345 min Scan# 1489

Delta R.T. -0.003 min

Lab File: BF132588.D

Acq: 01 Mar 2023 13:32

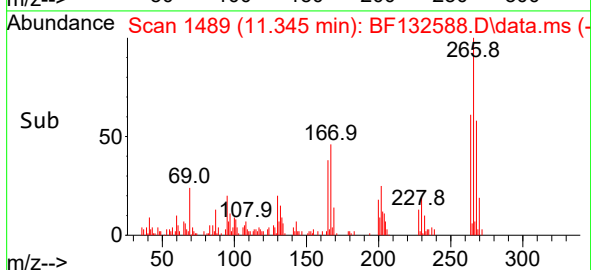
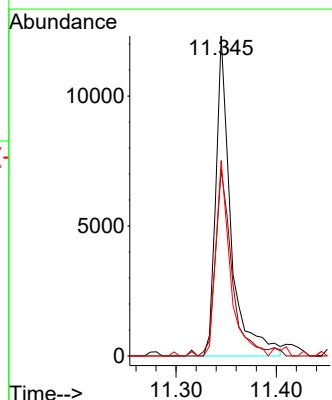
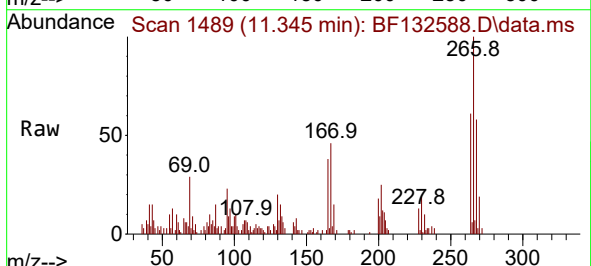
Tgt Ion:266 Resp: 12926

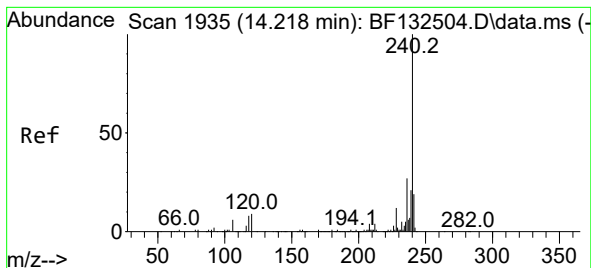
Ion Ratio Lower Upper

266 100

268 58.2 49.8 74.6

264 61.0 50.9 76.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.198 min Scan# 1935

Delta R.T. -0.009 min

Lab File: BF132588.D

Acq: 01 Mar 2023 13:32

Instrument :

BNA_F

ClientSampleId :

B-13-GW01

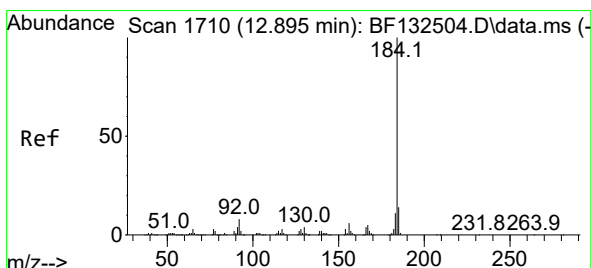
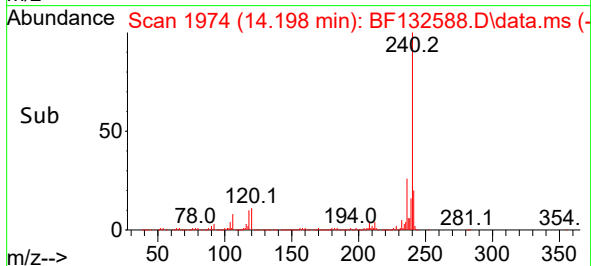
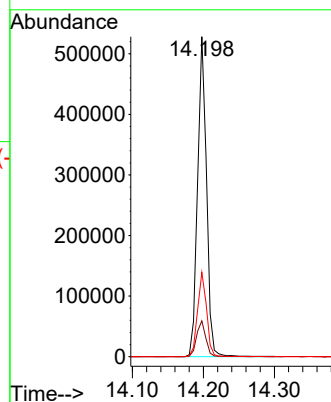
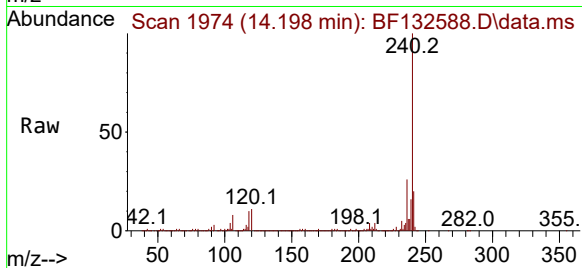
Tgt Ion:240 Resp: 463723

Ion Ratio Lower Upper

240 100

120 11.2 7.2 10.8#

236 26.3 21.8 32.6



#77

Benidine

Concen: 3.641 ng

RT: 13.139 min Scan# 1794

Delta R.T. 0.256 min

Lab File: BF132588.D

Acq: 01 Mar 2023 13:32

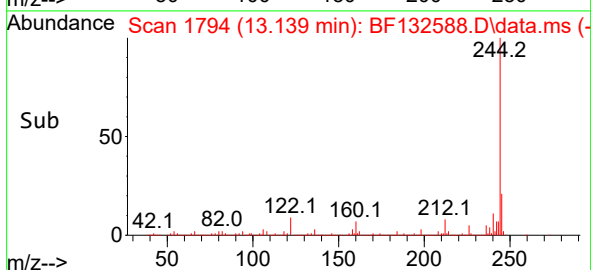
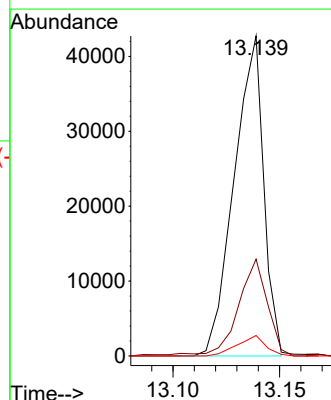
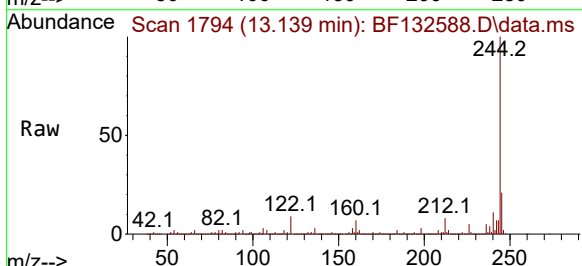
Tgt Ion:184 Resp: 41106

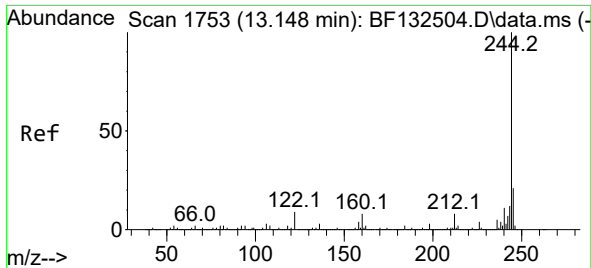
Ion Ratio Lower Upper

184 100

185 30.3 11.7 17.5#

183 6.4 8.7 13.1#

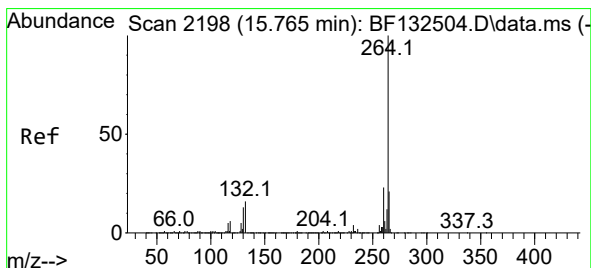
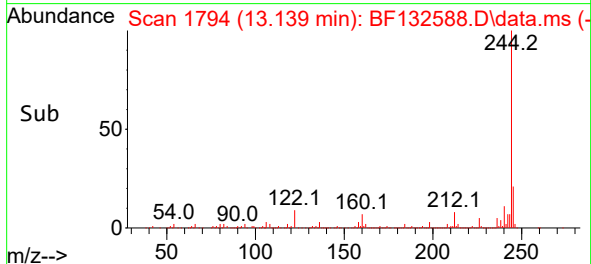
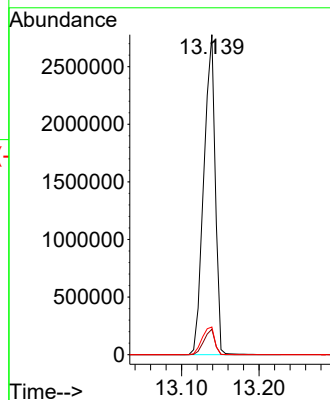
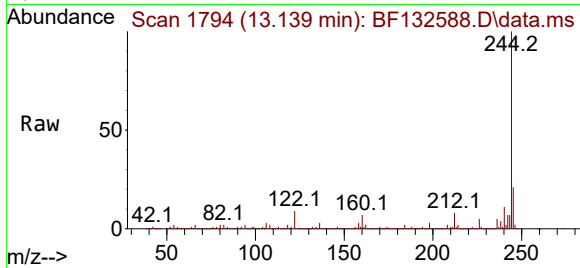




#79
 Terphenyl-d14
 Concen: 103.578 ng
 RT: 13.139 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: BF132588.D
 Acq: 01 Mar 2023 13:32

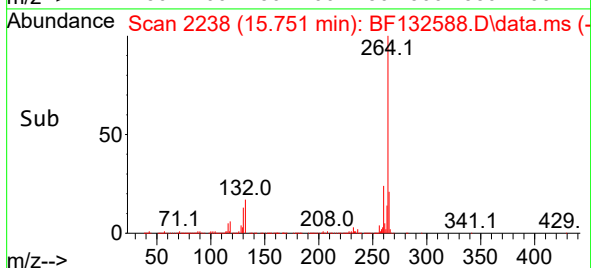
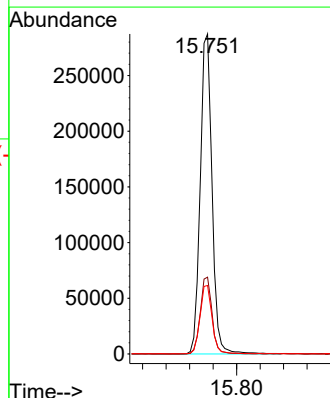
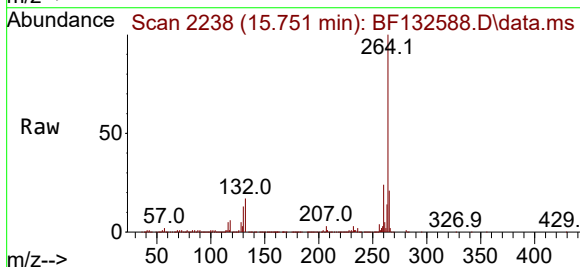
Instrument :
 BNA_F
 ClientSampleId :
 B-13-GW01

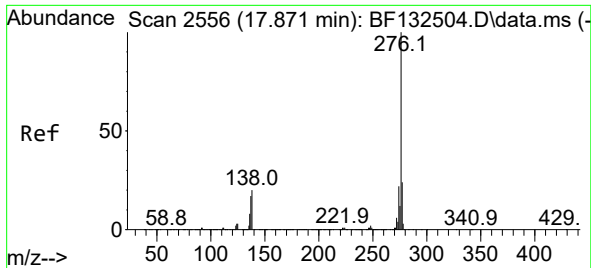
Tgt Ion:244 Resp: 2840845
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 8.7 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.751 min Scan# 2238
 Delta R.T. -0.003 min
 Lab File: BF132588.D
 Acq: 01 Mar 2023 13:32

Tgt Ion:264 Resp: 398966
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.4 17.1 25.7





#92
 Benzo(g,h,i)perylene
 Concen: 2.841 ng
 RT: 17.827 min Scan# 21
 Delta R.T. -0.027 min
 Lab File: BF132588.D
 Acq: 01 Mar 2023 13:32

Instrument :
 BNA_F
 ClientSampleId :
 B-13-GW01

Tgt Ion:276 Resp: 30570
 Ion Ratio Lower Upper
 276 100
 277 28.1 18.9 28.3
 138 25.3 16.2 24.4#

