

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132065.D
 Acq On : 13 Jan 2023 18:22
 Operator : CG\JU
 Sample : 01132-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Quant Time: Jan 16 01:18:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

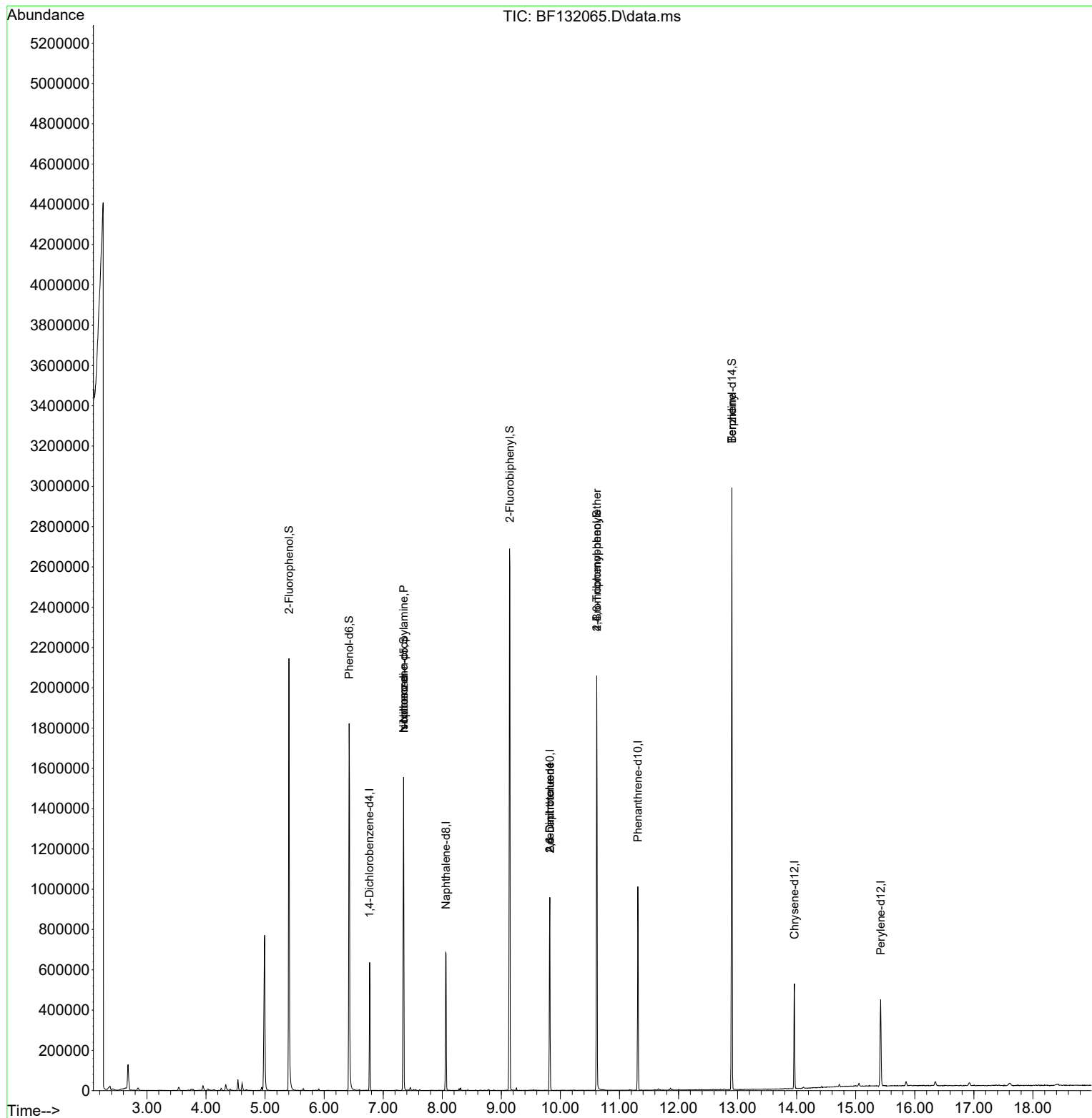
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	84511	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	306998	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	179859	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	343979	20.000	ng	0.00
76) Chrysene-d12	13.963	240	174609	20.000	ng	0.00
86) Perylene-d12	15.421	264	185289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	524421	102.251	ng	0.02
7) Phenol-d6	6.422	99	634398	93.292	ng	0.00
23) Nitrobenzene-d5	7.345	82	511376	69.134	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	217824	105.331	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	906602	68.046	ng	0.00
79) Terphenyl-d14	12.904	244	963215	79.065	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	72376	14.713	ng	# 77
25) Isophorone	7.345	82	507711	36.741	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	23134	7.846	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	23134	5.868	ng	# 13
67) 4-Bromophenyl-phenylether	10.616	248	14277	3.318	ng	# 1
77) Benzidine	12.904	184	15808	2.725	ng	# 93

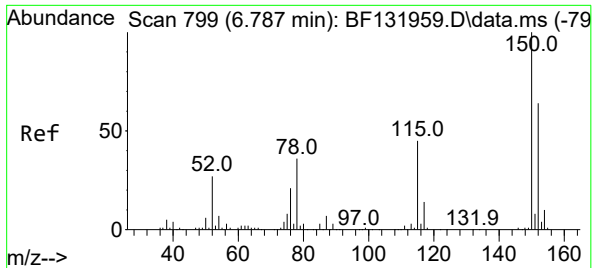
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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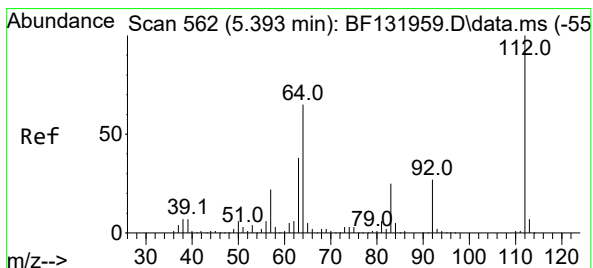
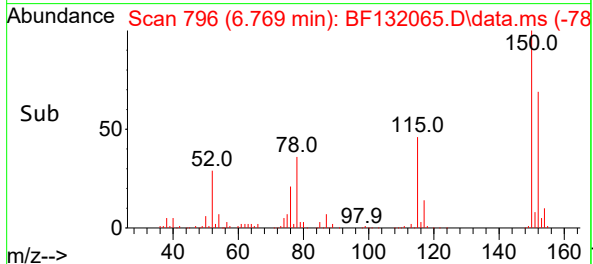
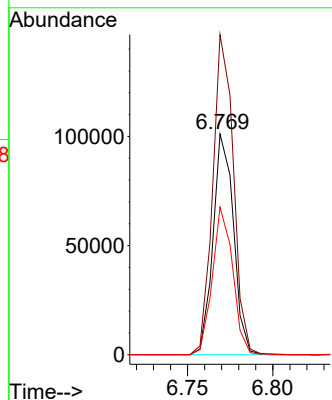
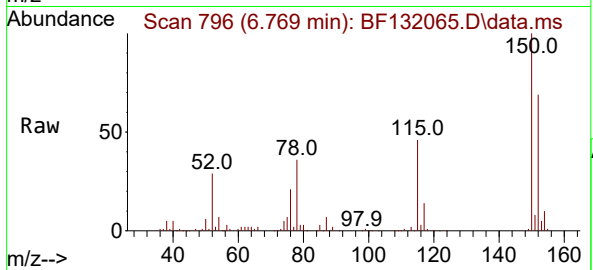




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF132065.D
 Acq: 13 Jan 2023 18:22

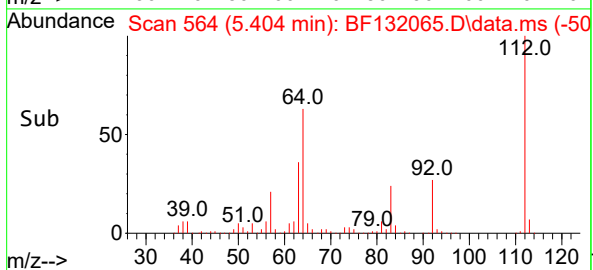
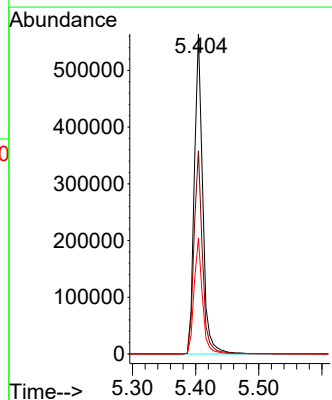
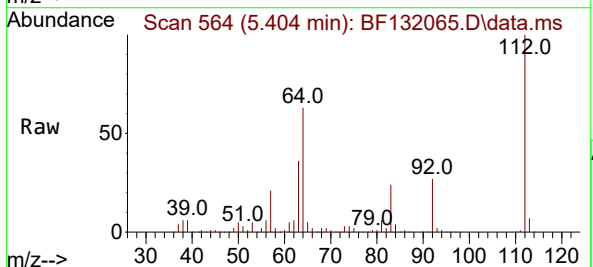
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

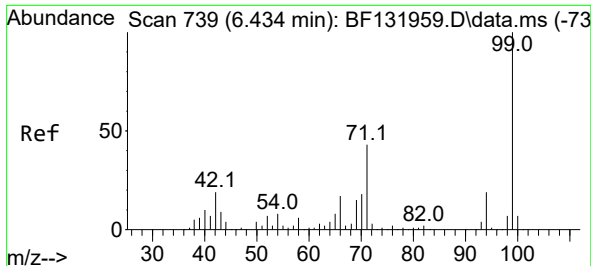
Tgt Ion:152 Resp: 84511
 Ion Ratio Lower Upper
 152 100
 150 145.0 124.6 186.8
 115 66.9 55.6 83.4



#5
 2-Fluorophenol
 Concen: 102.251 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.024 min
 Lab File: BF132065.D
 Acq: 13 Jan 2023 18:22

Tgt Ion:112 Resp: 524421
 Ion Ratio Lower Upper
 112 100
 64 63.5 51.9 77.9
 63 36.2 30.2 45.2

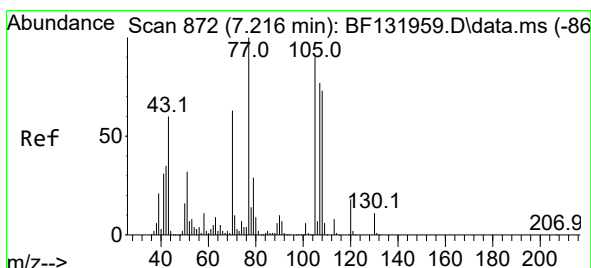
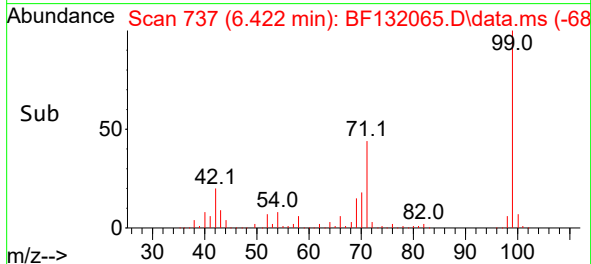
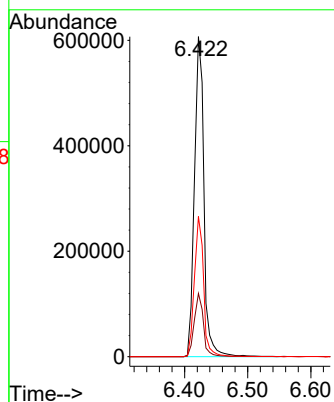
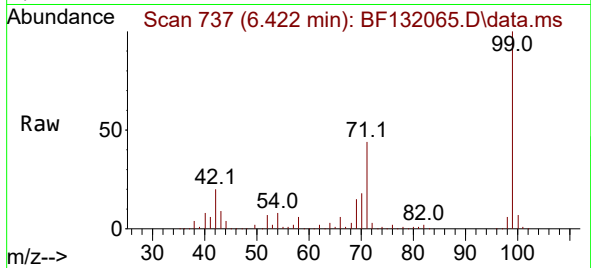




#7
Phenol-d6
Concen: 93.292 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

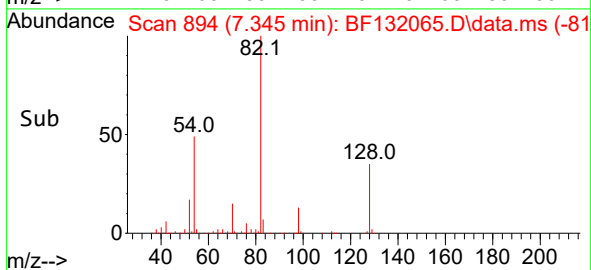
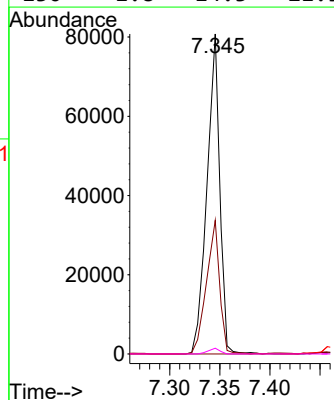
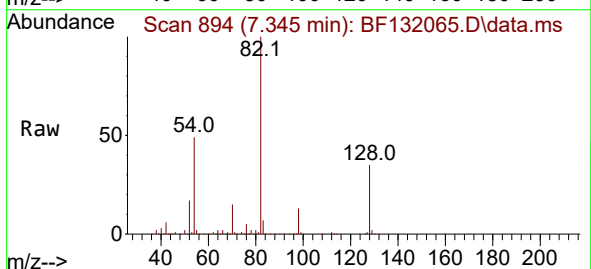
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

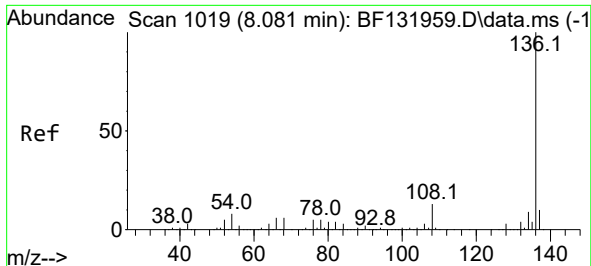
Tgt Ion: 99 Resp: 634398
Ion Ratio Lower Upper
99 100
42 19.8 15.4 23.2
71 43.8 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.713 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

Tgt Ion: 70 Resp: 72376
Ion Ratio Lower Upper
70 100
42 41.7 44.3 66.5#
101 0.0 7.5 11.3#
130 1.8 14.3 21.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF132065.D

Acq: 13 Jan 2023 18:22

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

Tgt Ion:136 Resp: 306998

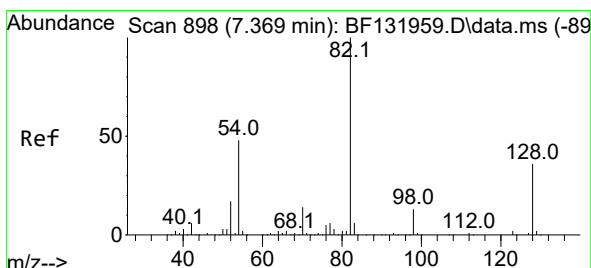
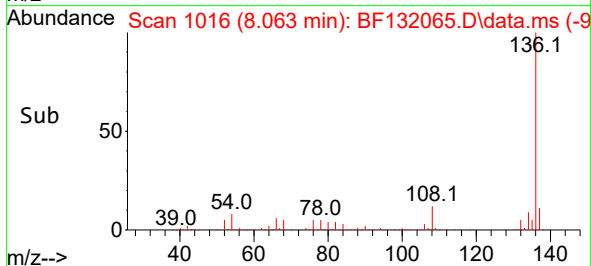
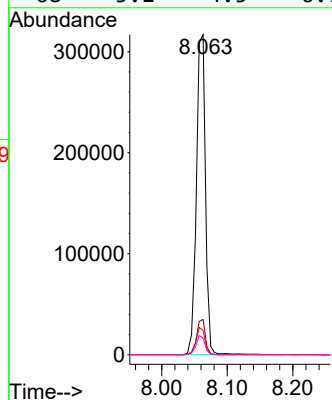
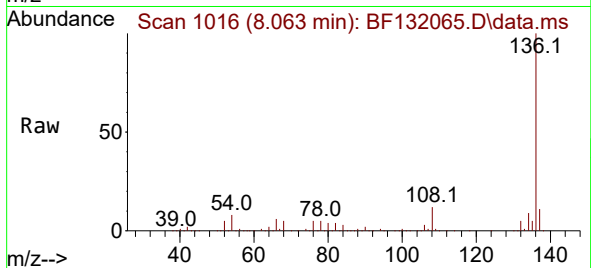
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.2

54 7.7 6.6 9.8

68 5.1 4.5 6.7



#23

Nitrobenzene-d5

Concen: 69.134 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF132065.D

Acq: 13 Jan 2023 18:22

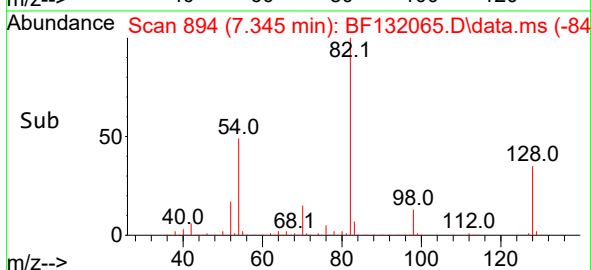
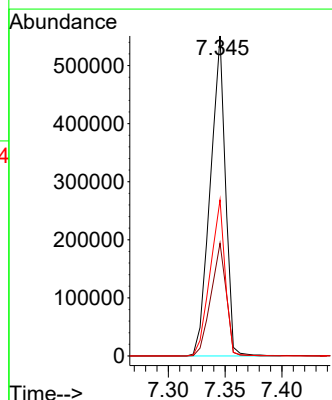
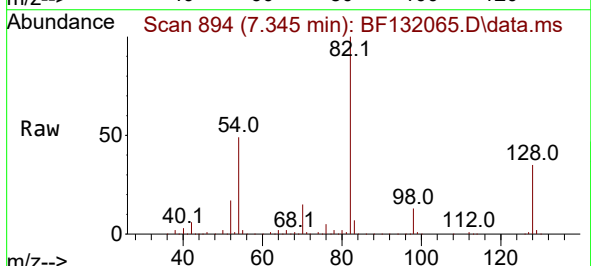
Tgt Ion: 82 Resp: 511376

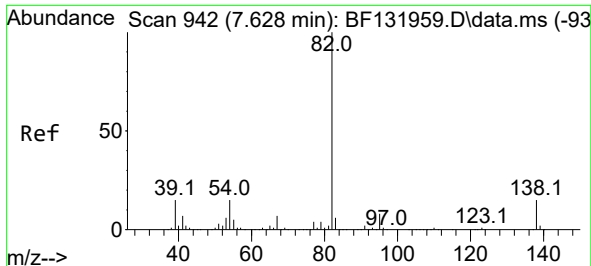
Ion Ratio Lower Upper

82 100

128 35.3 28.7 43.1

54 48.8 38.1 57.1

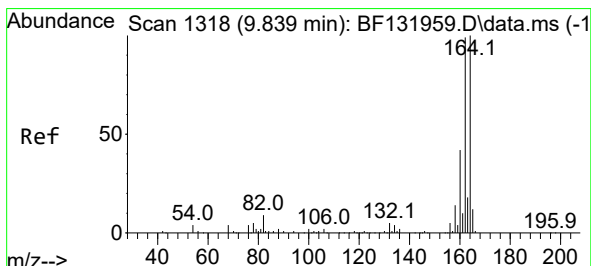
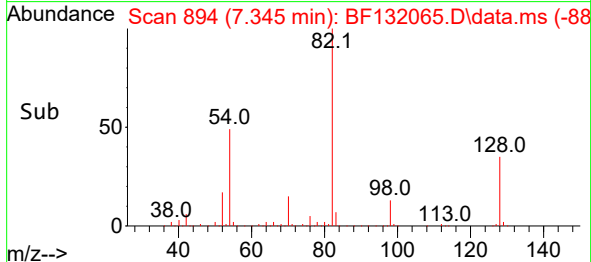
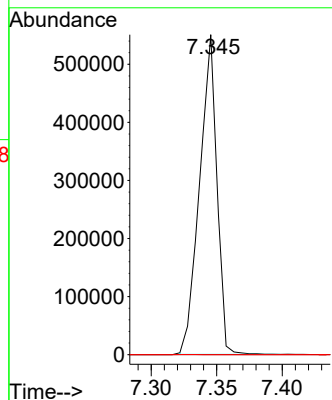
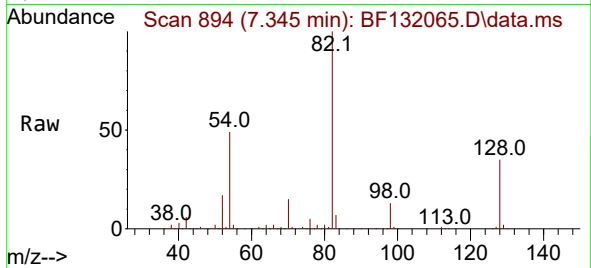




#25
Isophorone
Concen: 36.741 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

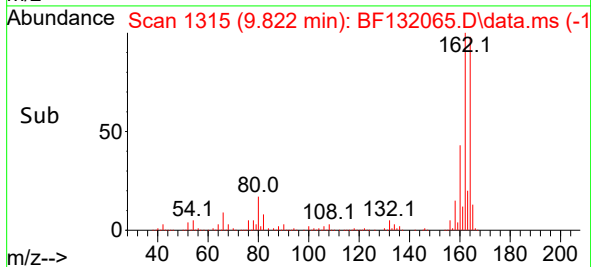
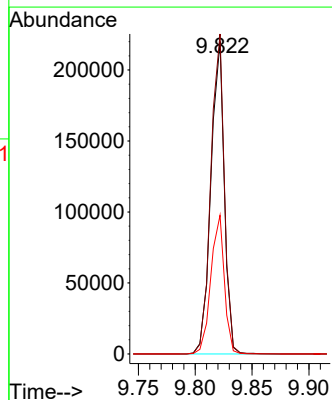
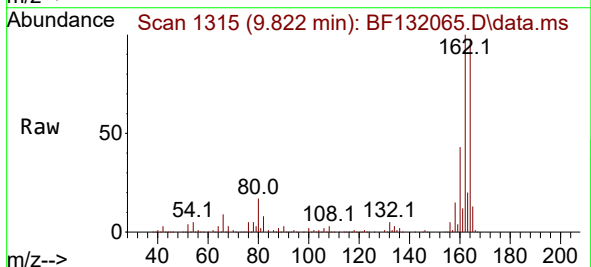
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

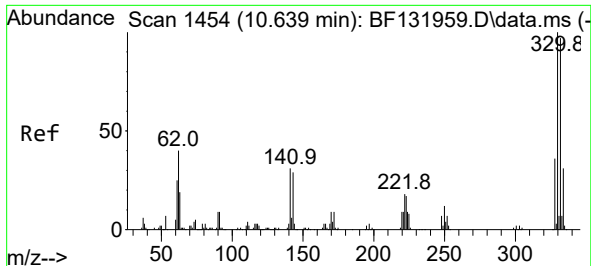
Tgt Ion: 82 Resp: 507711
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

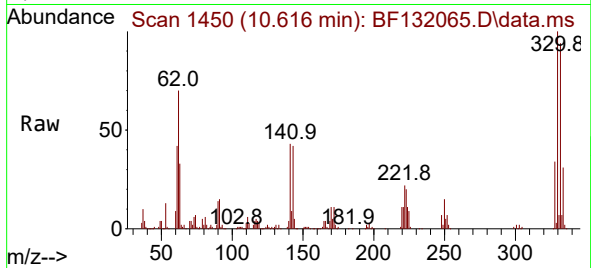
Tgt Ion:164 Resp: 179859
Ion Ratio Lower Upper
164 100
162 102.4 79.4 119.0
160 44.4 33.9 50.9



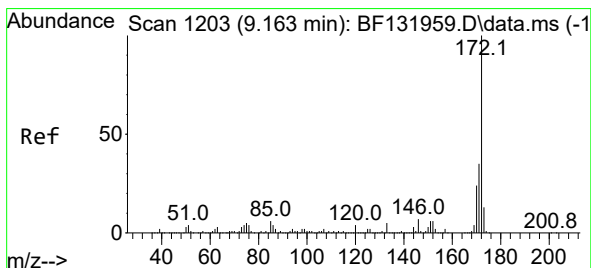
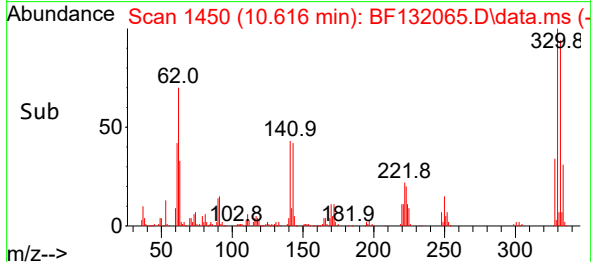
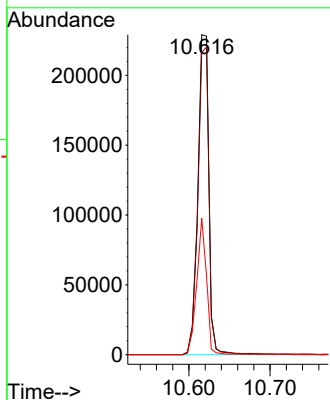


#42
2,4,6-Tribromophenol
Concen: 105.331 ng
RT: 10.616 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

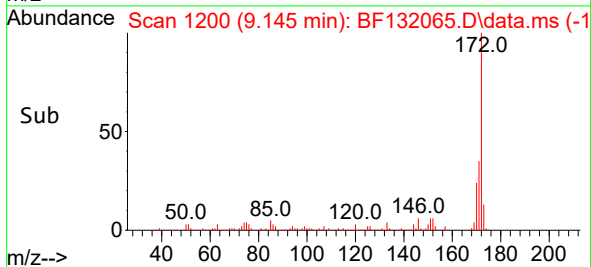
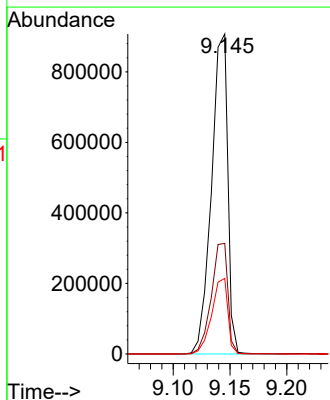
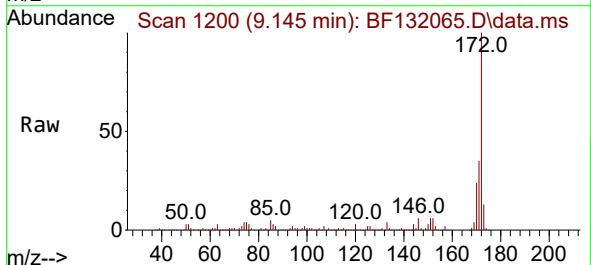


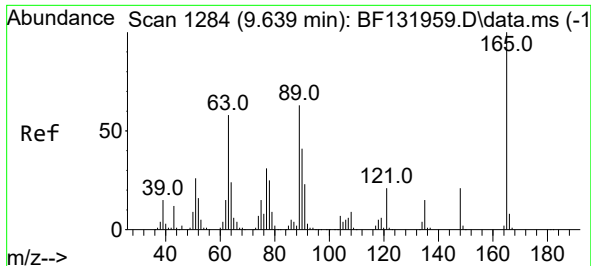
Tgt Ion:330 Resp: 217824
Ion Ratio Lower Upper
330 100
332 95.4 76.9 115.3
141 38.0 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 68.046 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

Tgt Ion:172 Resp: 906602
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.6 18.9 28.3

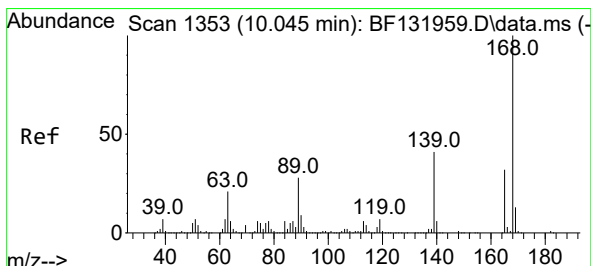
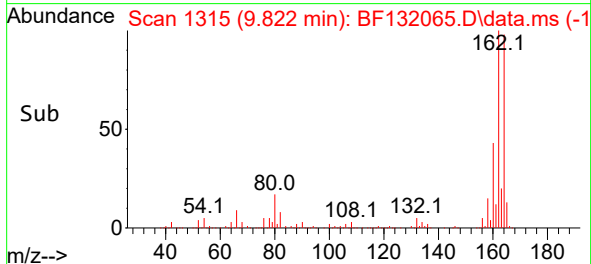
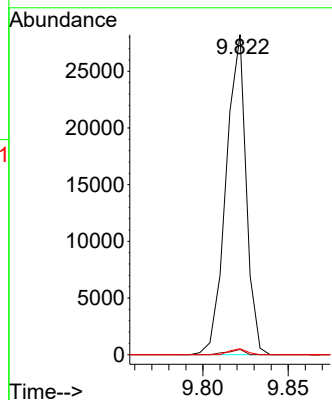
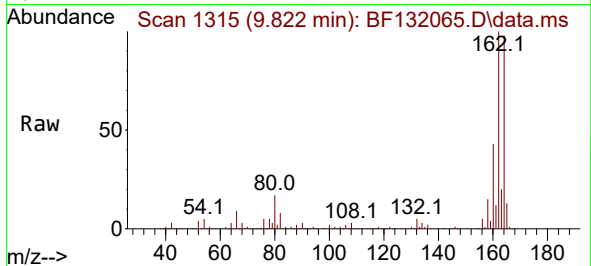




#51
2,6-Dinitrotoluene
Concen: 7.846 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

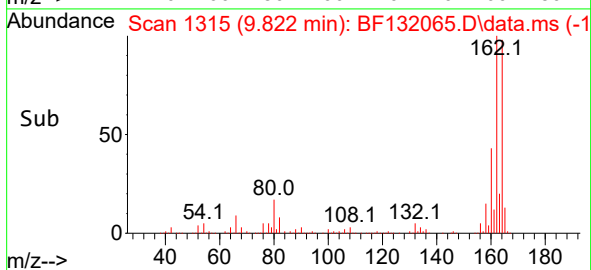
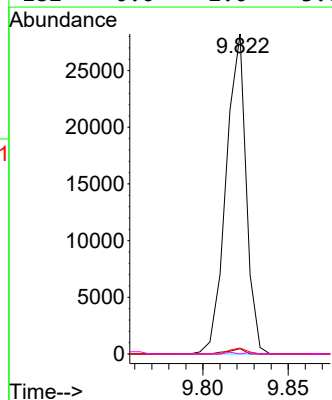
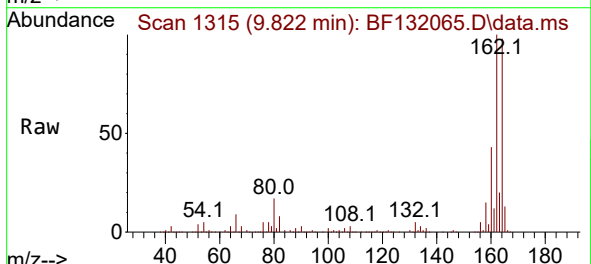
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

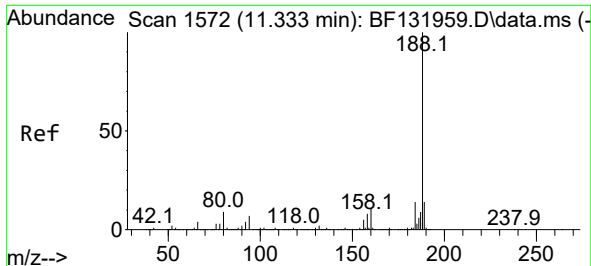
Tgt Ion:165 Resp: 23134
Ion Ratio Lower Upper
165 100
63 1.7 47.4 71.0#
89 1.9 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 5.868 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

Tgt Ion:165 Resp: 23134
Ion Ratio Lower Upper
165 100
63 1.7 53.2 79.8#
89 1.9 71.2 106.8#
182 0.0 2.0 3.0#

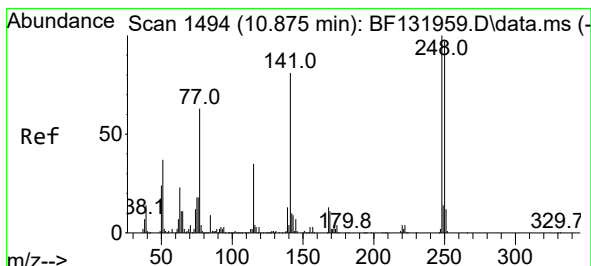
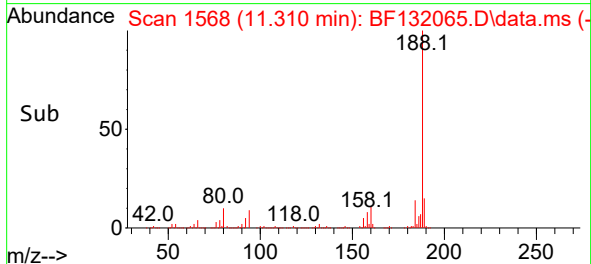
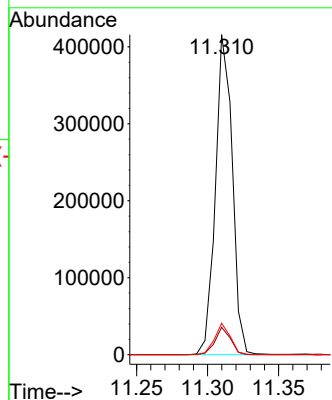
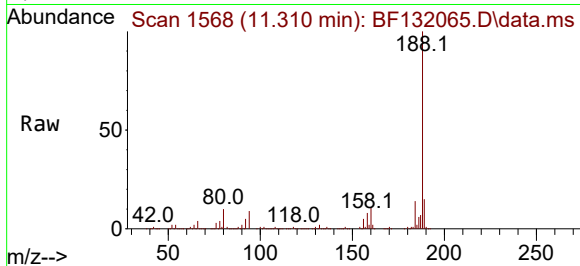




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

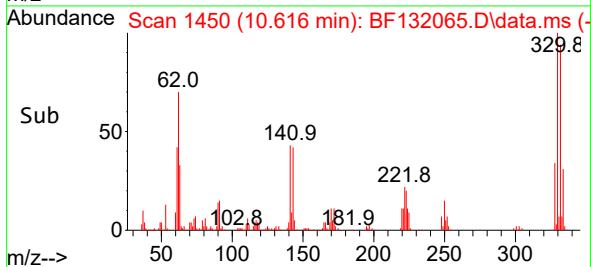
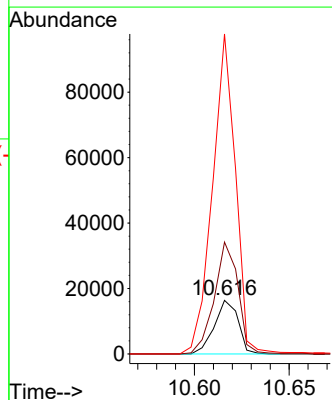
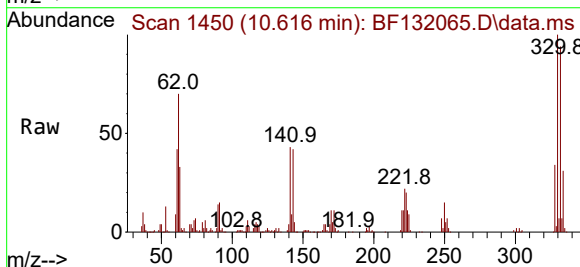
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

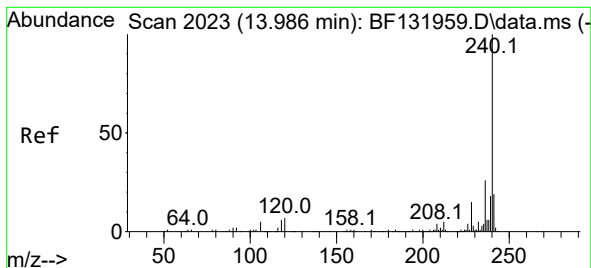
Tgt Ion:188 Resp: 343979
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 9.8 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 3.318 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.241 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

Tgt Ion:248 Resp: 14277
Ion Ratio Lower Upper
248 100
250 208.3 77.4 116.2#
141 596.2 65.0 97.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF132065.D

Acq: 13 Jan 2023 18:22

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

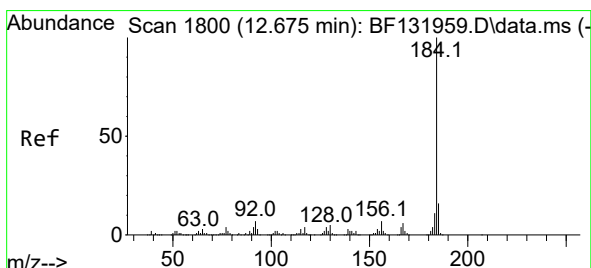
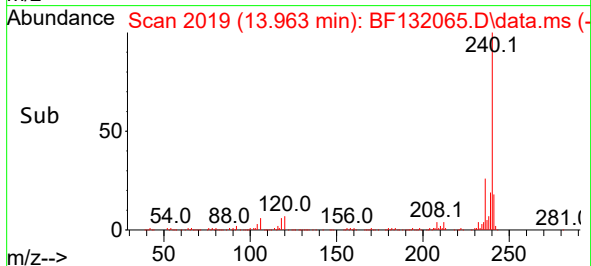
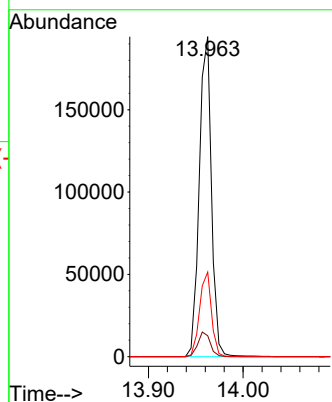
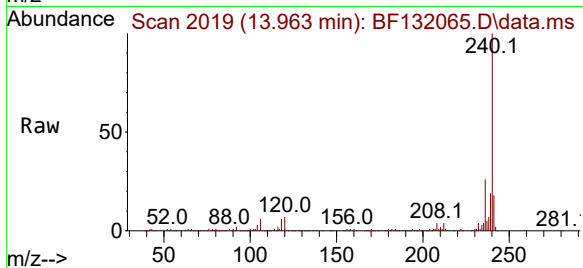
Tgt Ion:240 Resp: 174609

Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.0

236 26.5 21.1 31.7



#77

Benzidine

Concen: 2.725 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.247 min

Lab File: BF132065.D

Acq: 13 Jan 2023 18:22

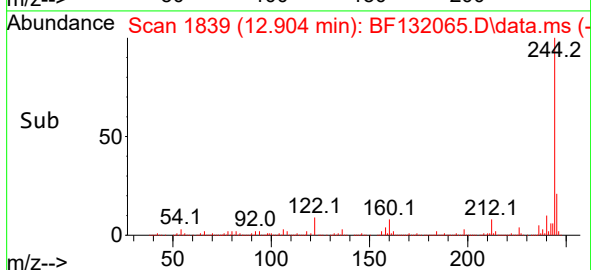
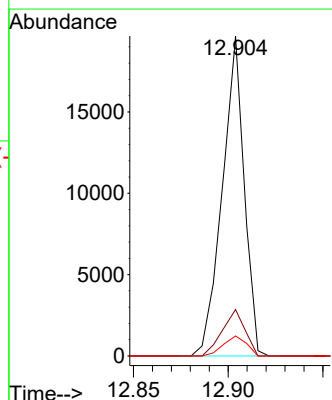
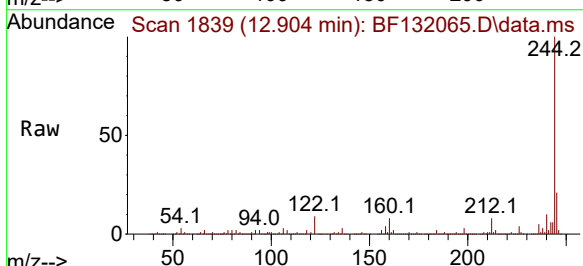
Tgt Ion:184 Resp: 15808

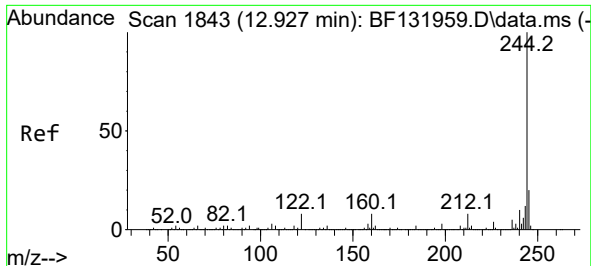
Ion Ratio Lower Upper

184 100

185 14.5 12.8 19.2

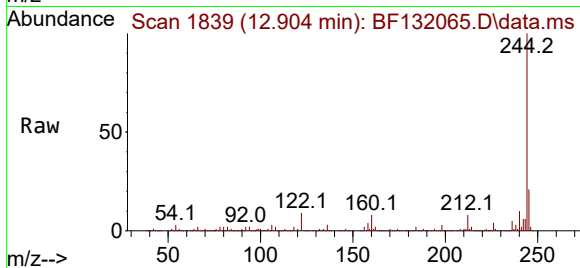
183 6.3 9.0 13.4#



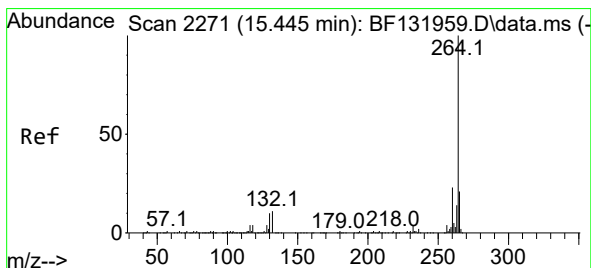
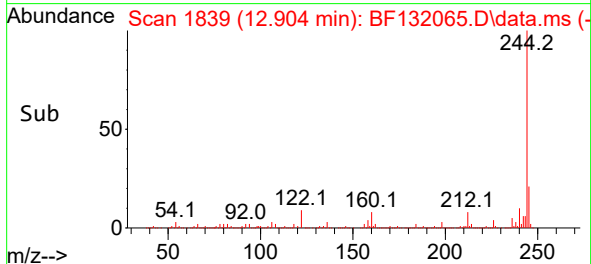
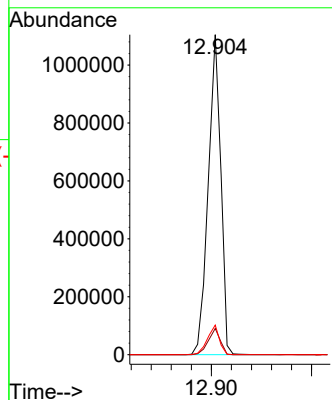


#79
 Terphenyl-d14
 Concen: 79.065 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF132065.D
 Acq: 13 Jan 2023 18:22

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1



Tgt Ion:244 Resp: 963215
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 9.3 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF132065.D
 Acq: 13 Jan 2023 18:22

Tgt Ion:264 Resp: 185289
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 21.3 16.9 25.3

