

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132066.D
 Acq On : 13 Jan 2023 18:55
 Operator : CG\JU
 Sample : 01133-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-2

Quant Time: Jan 16 01:18:19 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)

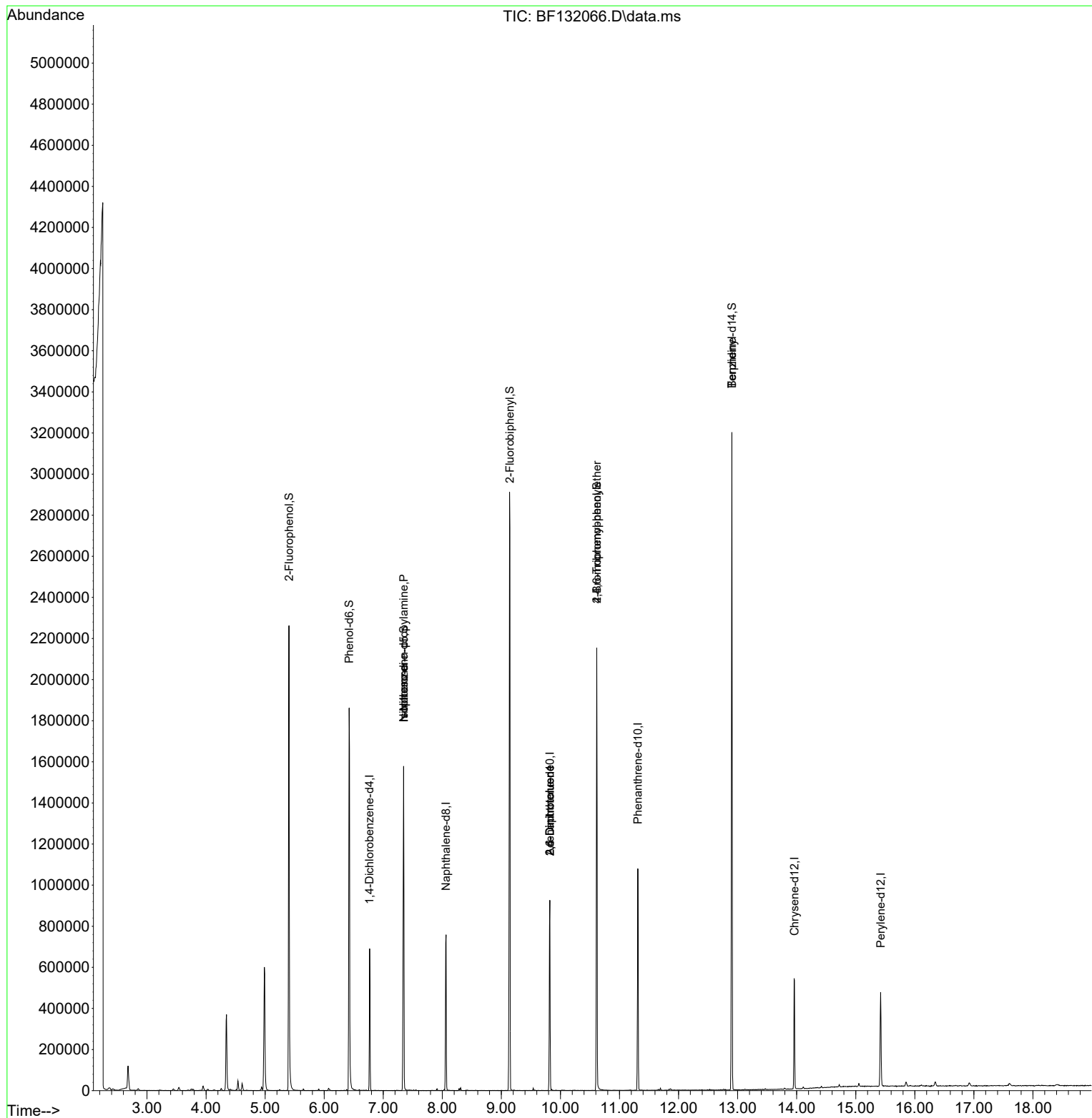
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	88051	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	323795	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	186925	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	365605	20.000	ng	0.00
76) Chrysene-d12	13.963	240	182862	20.000	ng	0.00
86) Perylene-d12	15.421	264	192834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	545598	102.103	ng	0.02
7) Phenol-d6	6.422	99	655963	92.585	ng	0.00
23) Nitrobenzene-d5	7.345	82	545553	69.928	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	228075	106.119	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	963197	69.561	ng	0.00
79) Terphenyl-d14	12.904	244	1035765	81.183	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	76374	14.902	ng	# 79
25) Isophorone	7.345	82	541568	37.158	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	24512	7.999	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	24512	5.983	ng	# 13
67) 4-Bromophenyl-phenylether	10.616	248	15969	3.492	ng	# 1
77) Benzidine	12.904	184	16147	2.658	ng	# 94

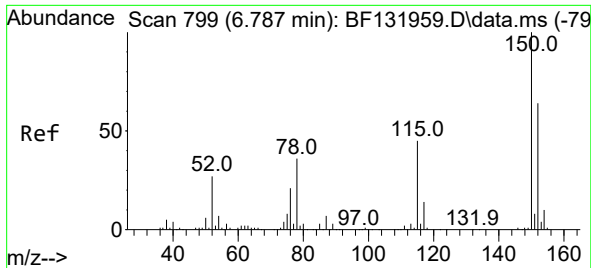
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
Data File : BF132066.D
Acq On : 13 Jan 2023 18:55
Operator : CG\JU
Sample : 01133-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

Quant Time: Jan 16 01:18:19 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

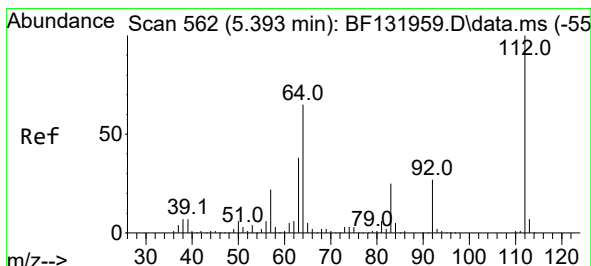
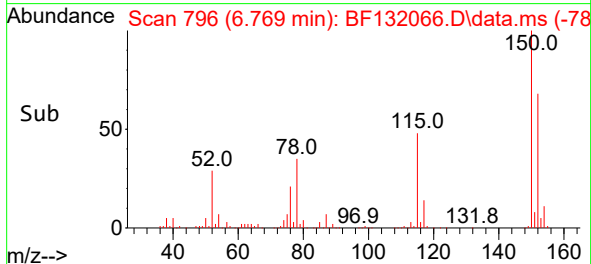
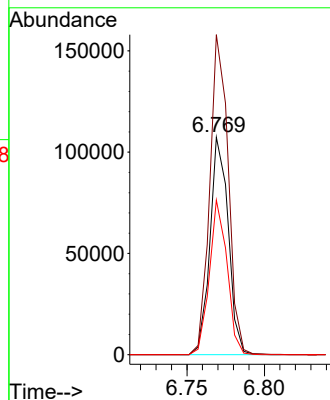
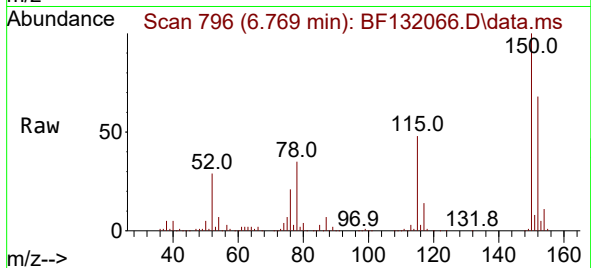




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

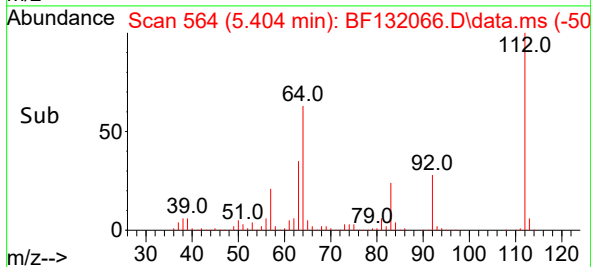
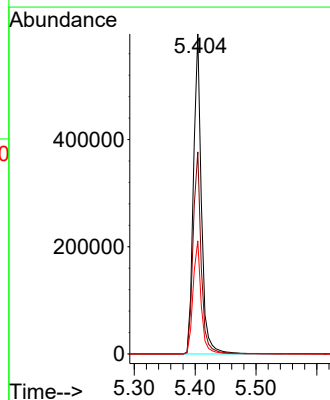
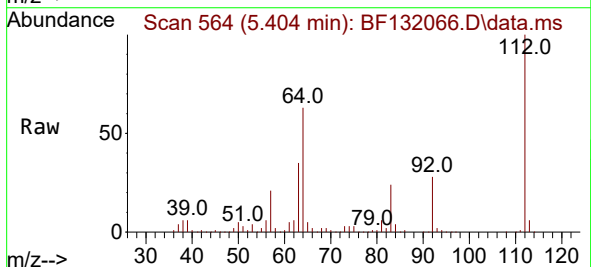
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

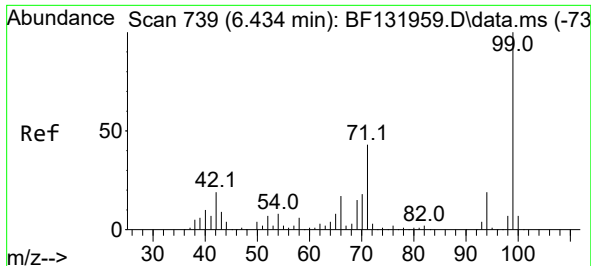
Tgt Ion:152 Resp: 88051
Ion Ratio Lower Upper
152 100
150 147.2 124.6 186.8
115 71.1 55.6 83.4



#5
2-Fluorophenol
Concen: 102.103 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.024 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

Tgt Ion:112 Resp: 545598
Ion Ratio Lower Upper
112 100
64 63.1 51.9 77.9
63 35.3 30.2 45.2

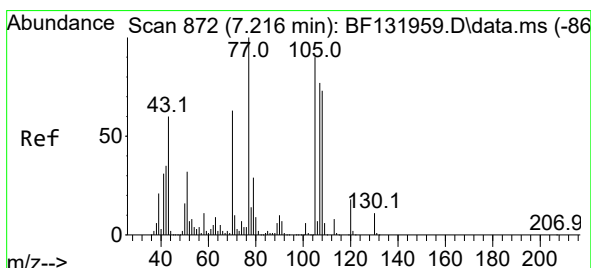
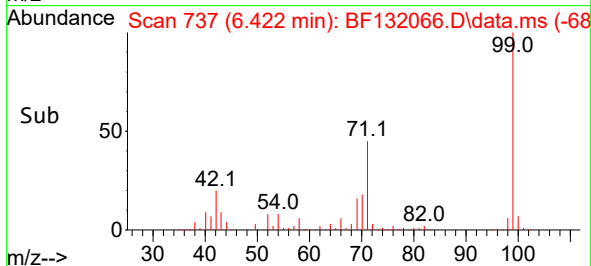
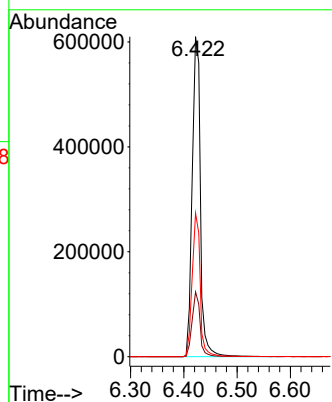
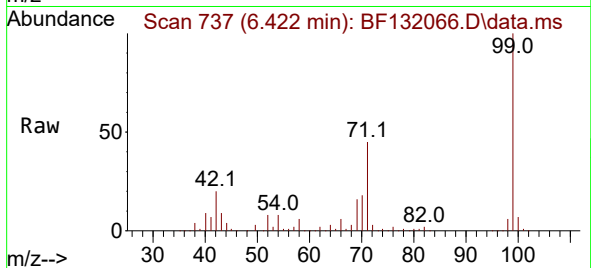




#7
Phenol-d6
Concen: 92.585 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

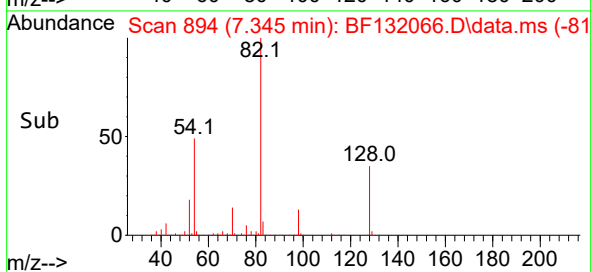
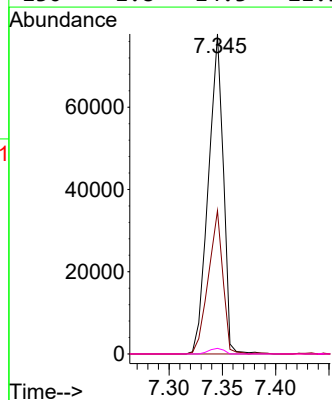
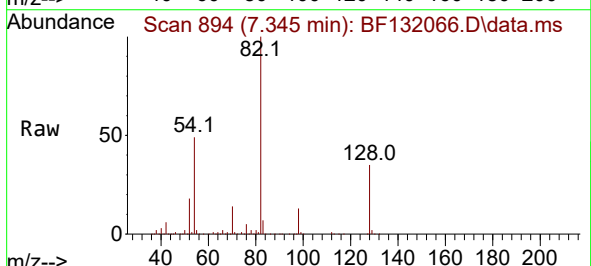
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

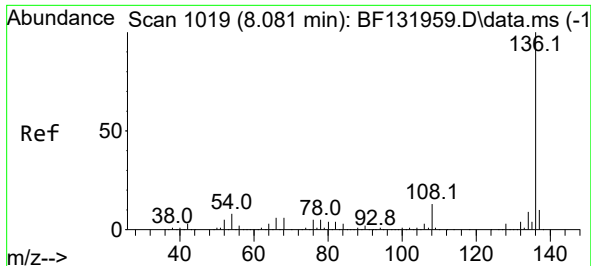
Tgt Ion: 99 Resp: 655963
Ion Ratio Lower Upper
99 100
42 20.2 15.4 23.2
71 44.8 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.902 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

Tgt Ion: 70 Resp: 76374
Ion Ratio Lower Upper
70 100
42 44.8 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# 1016

Delta R.T. 0.000 min

Lab File: BF132066.D

Acq: 13 Jan 2023 18:55

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-2

Tgt Ion:136 Resp: 323795

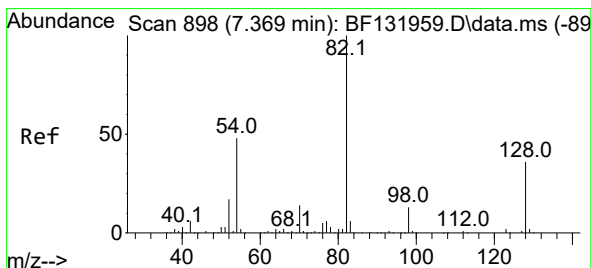
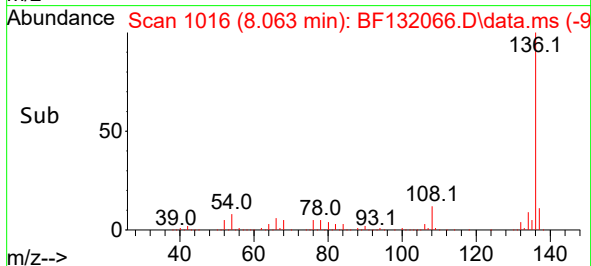
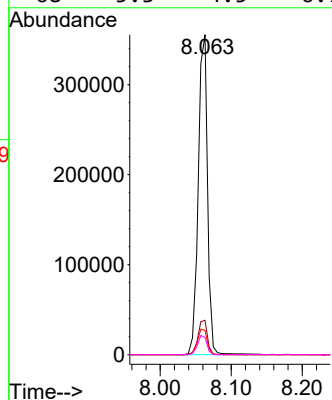
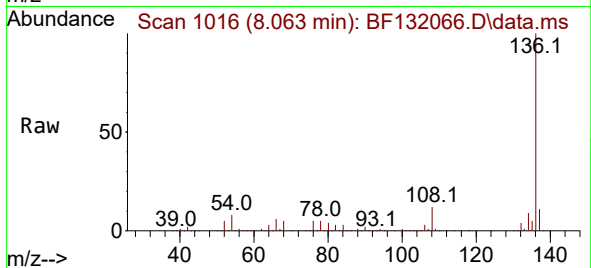
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 7.6 6.6 9.8

68 5.3 4.5 6.7



#23

Nitrobenzene-d5

Concen: 69.928 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF132066.D

Acq: 13 Jan 2023 18:55

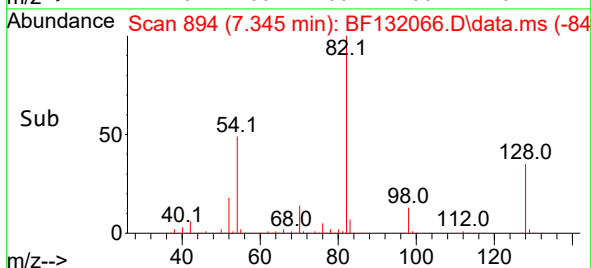
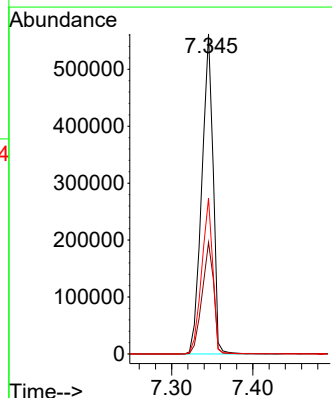
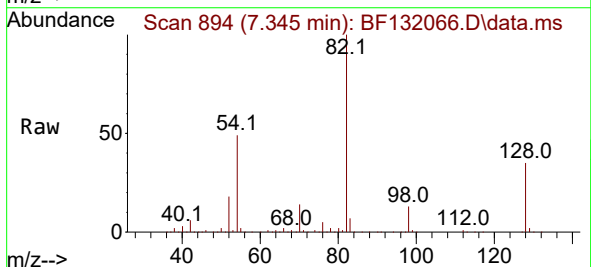
Tgt Ion: 82 Resp: 545553

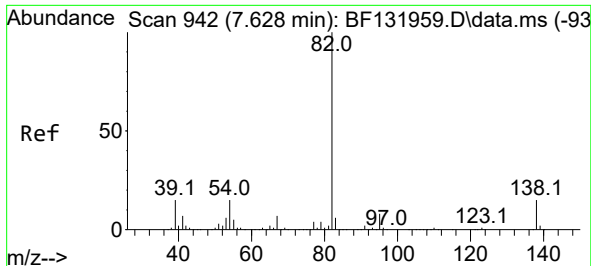
Ion Ratio Lower Upper

82 100

128 34.8 28.7 43.1

54 48.6 38.1 57.1

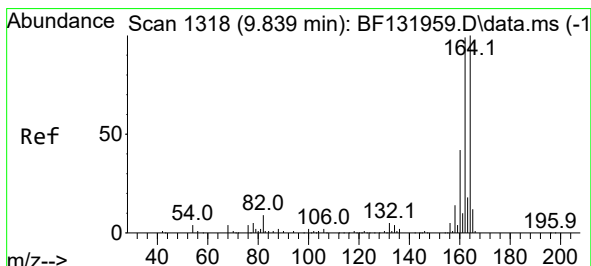
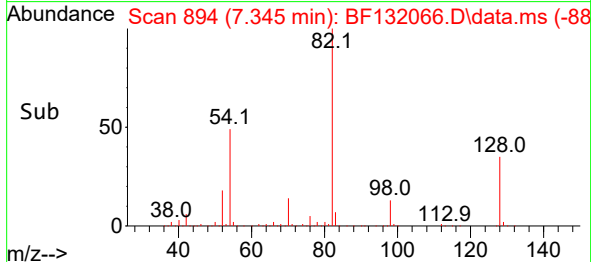
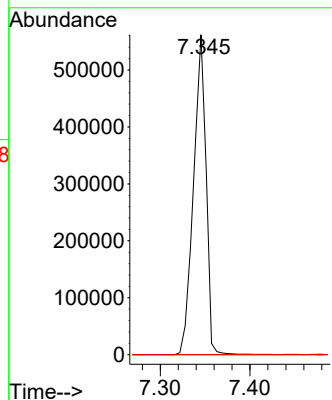
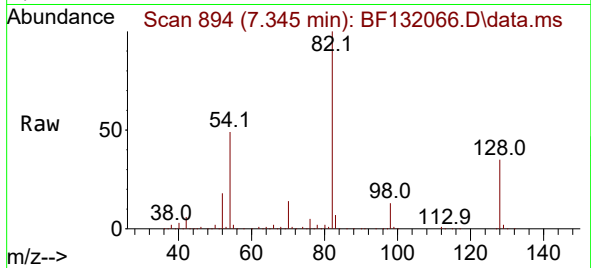




#25
Isophorone
Concen: 37.158 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

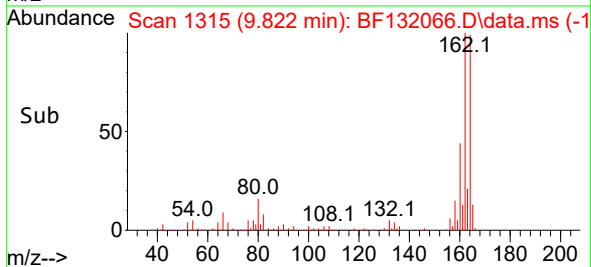
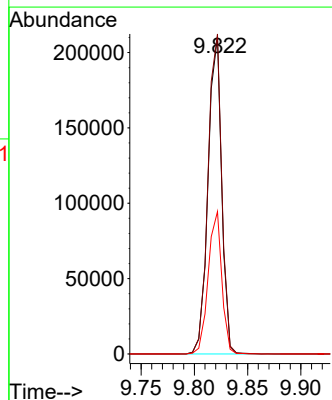
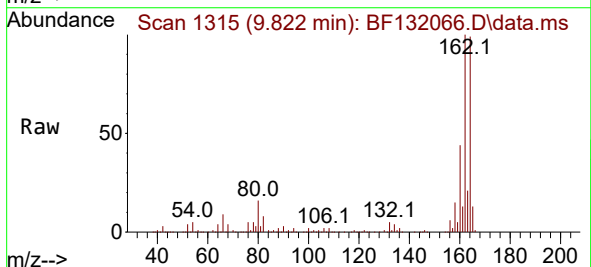
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

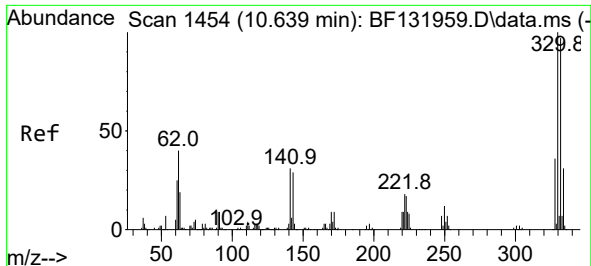
Tgt Ion: 82 Resp: 541568
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

Tgt Ion:164 Resp: 186925
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 44.9 33.9 50.9

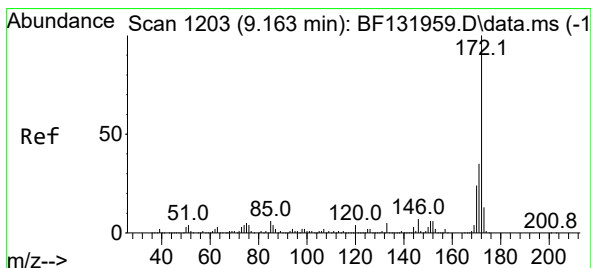
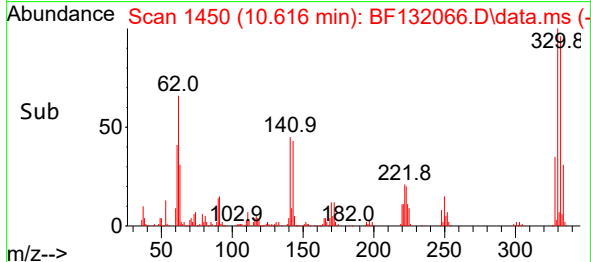
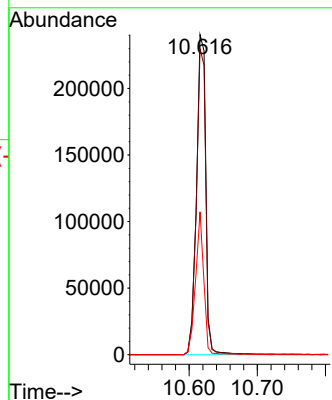
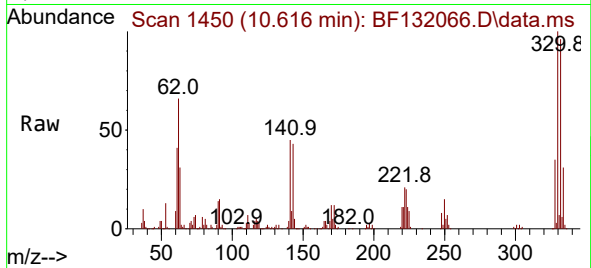




#42
2,4,6-Tribromophenol
Concen: 106.119 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

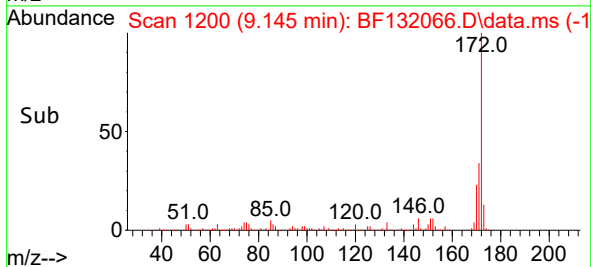
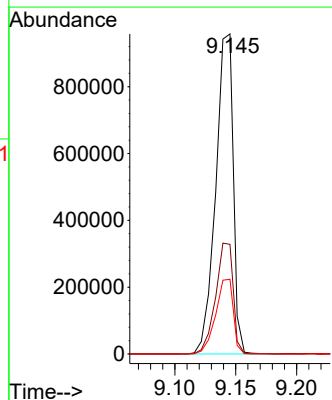
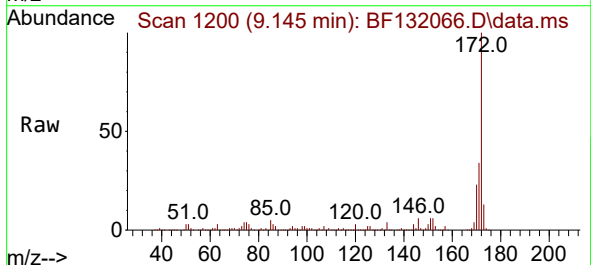
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

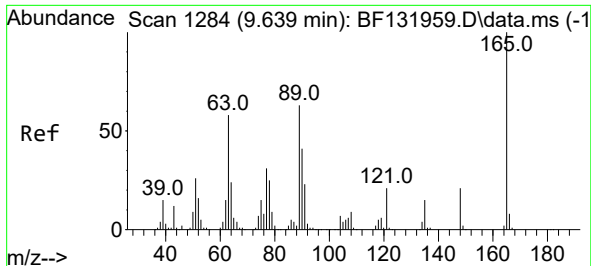
Tgt Ion:330 Resp: 228075
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 39.6 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 69.561 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

Tgt Ion:172 Resp: 963197
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 23.3 18.9 28.3

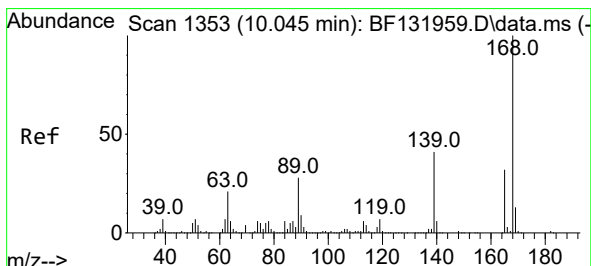
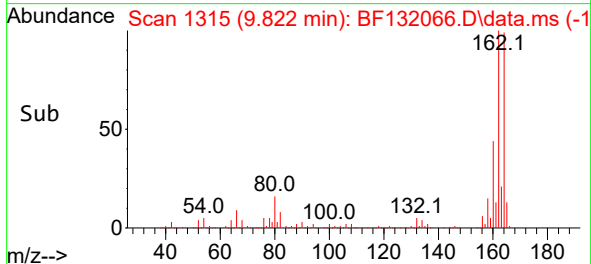
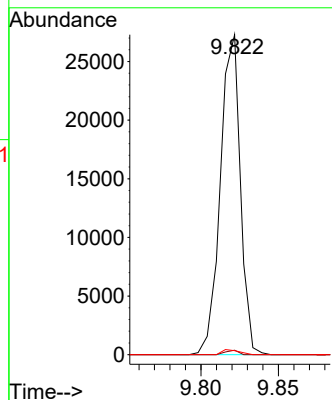
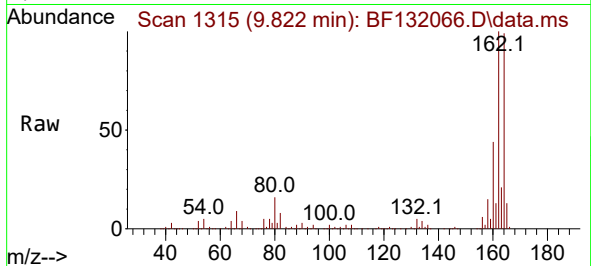




#51
2,6-Dinitrotoluene
Concen: 7.999 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

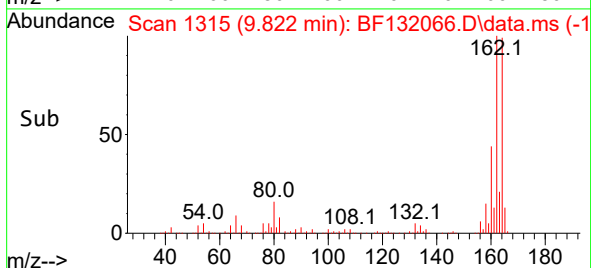
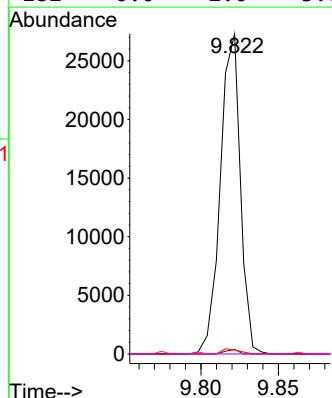
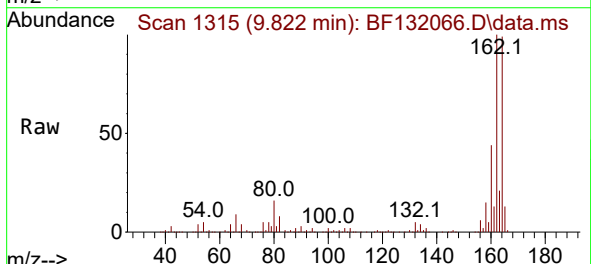
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

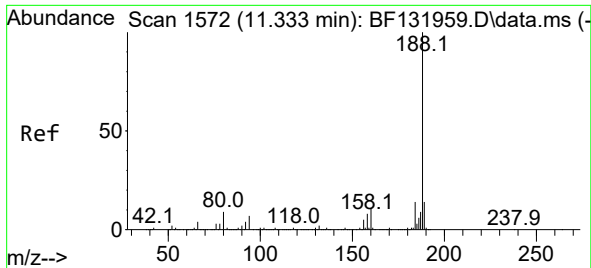
Tgt Ion:165 Resp: 24512
Ion Ratio Lower Upper
165 100
63 1.4 47.4 71.0#
89 1.3 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 5.983 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

Tgt Ion:165 Resp: 24512
Ion Ratio Lower Upper
165 100
63 1.4 53.2 79.8#
89 1.3 71.2 106.8#
182 0.0 2.0 3.0#

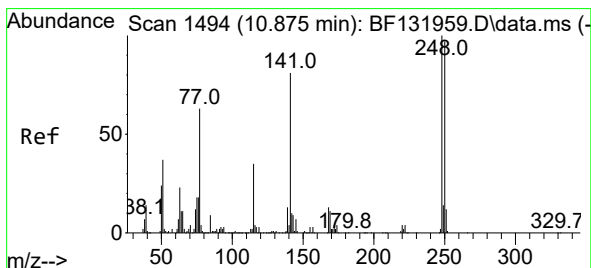
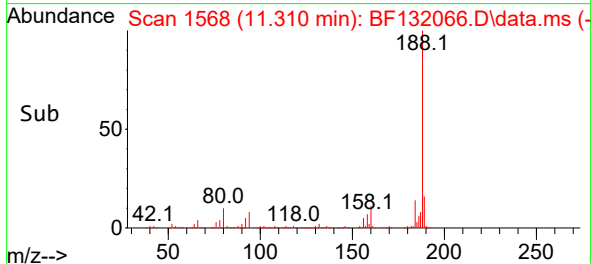
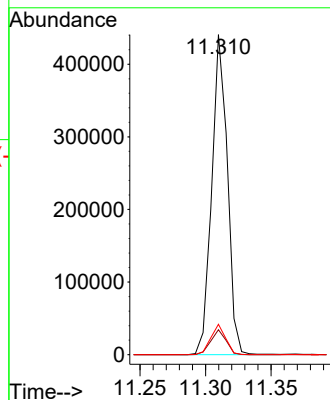
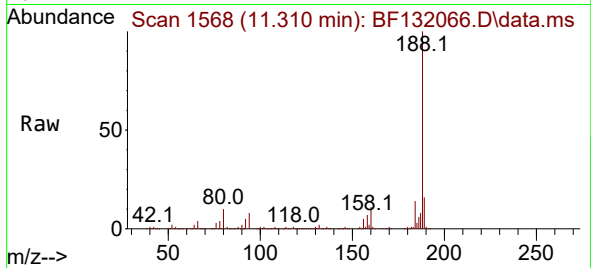




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

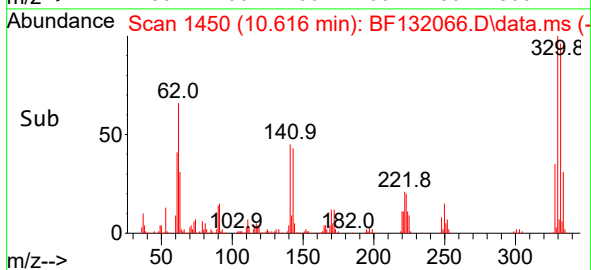
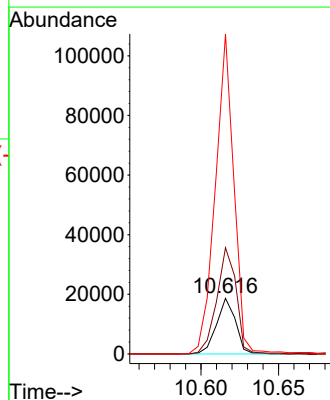
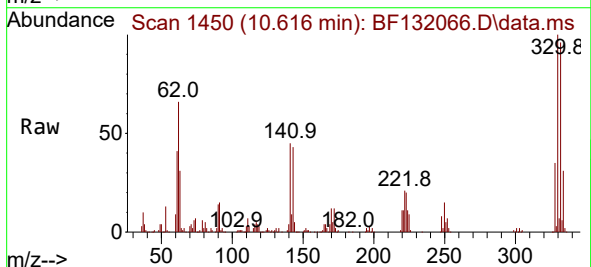
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

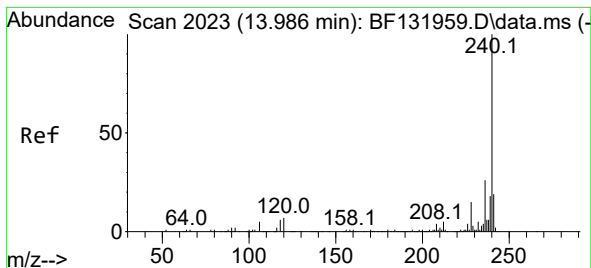
Tgt Ion:188 Resp: 365605
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.6
80 9.5 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 3.492 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.241 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

Tgt Ion:248 Resp: 15969
Ion Ratio Lower Upper
248 100
250 190.8 77.4 116.2#
141 574.9 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: BF132066.D

Acq: 13 Jan 2023 18:55

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-2

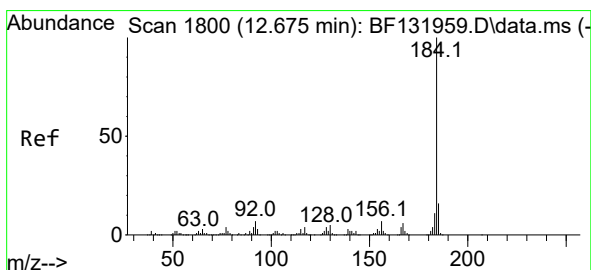
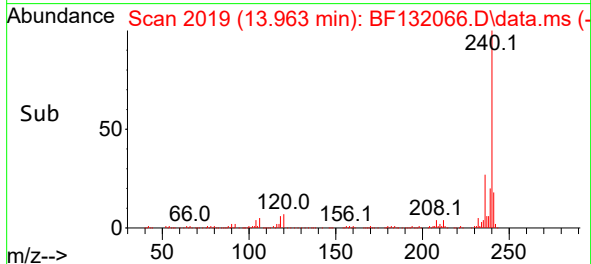
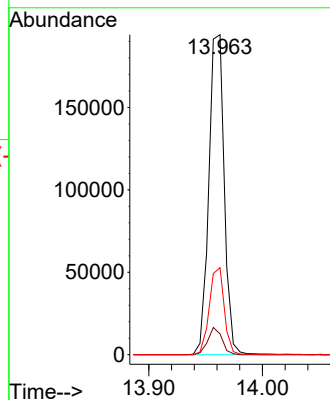
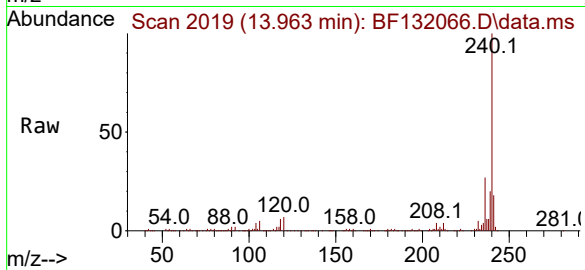
Tgt Ion:240 Resp: 182862

Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.0

236 27.2 21.1 31.7



#77

Benzdine

Concen: 2.658 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.247 min

Lab File: BF132066.D

Acq: 13 Jan 2023 18:55

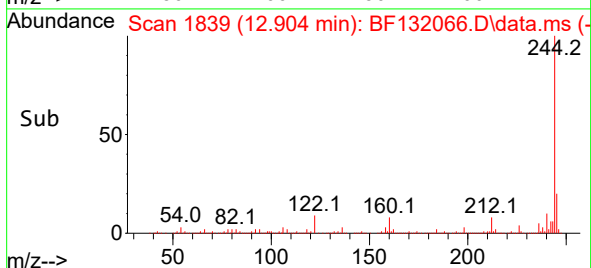
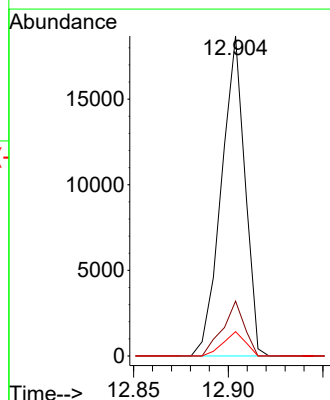
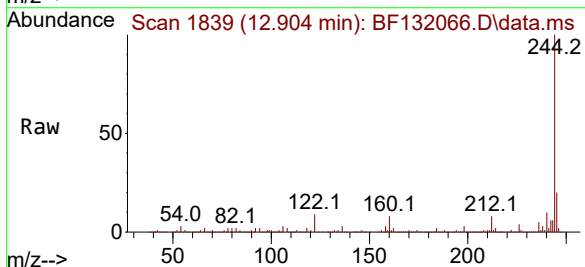
Tgt Ion:184 Resp: 16147

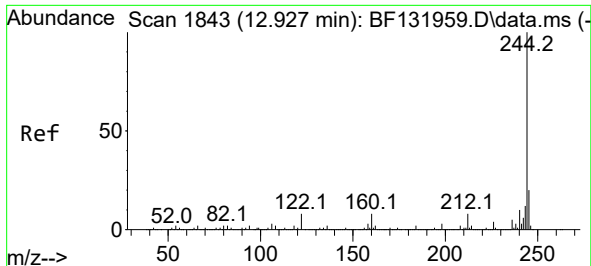
Ion Ratio Lower Upper

184 100

185 17.2 12.8 19.2

183 7.6 9.0 13.4#

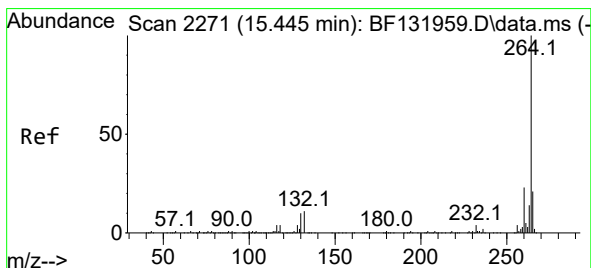
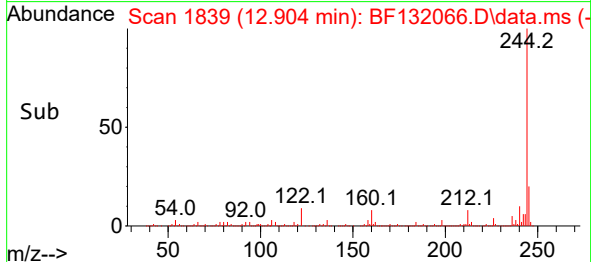
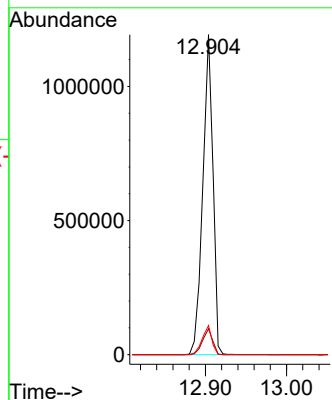
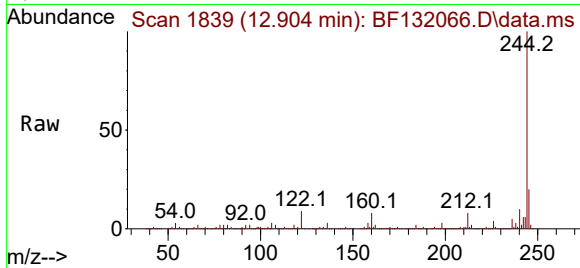




#79
 Terphenyl-d14
 Concen: 81.183 ng
 RT: 12.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132066.D
 Acq: 13 Jan 2023 18:55

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-2

Tgt Ion:244 Resp: 1035765
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.1 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: BF132066.D
 Acq: 13 Jan 2023 18:55

Tgt Ion:264 Resp: 192834
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.3 27.5
 265 20.8 16.9 25.3

