

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132062.D
 Acq On : 13 Jan 2023 16:43
 Operator : CG\JU
 Sample : 01132-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Quant Time: Jan 16 01:17:33 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)

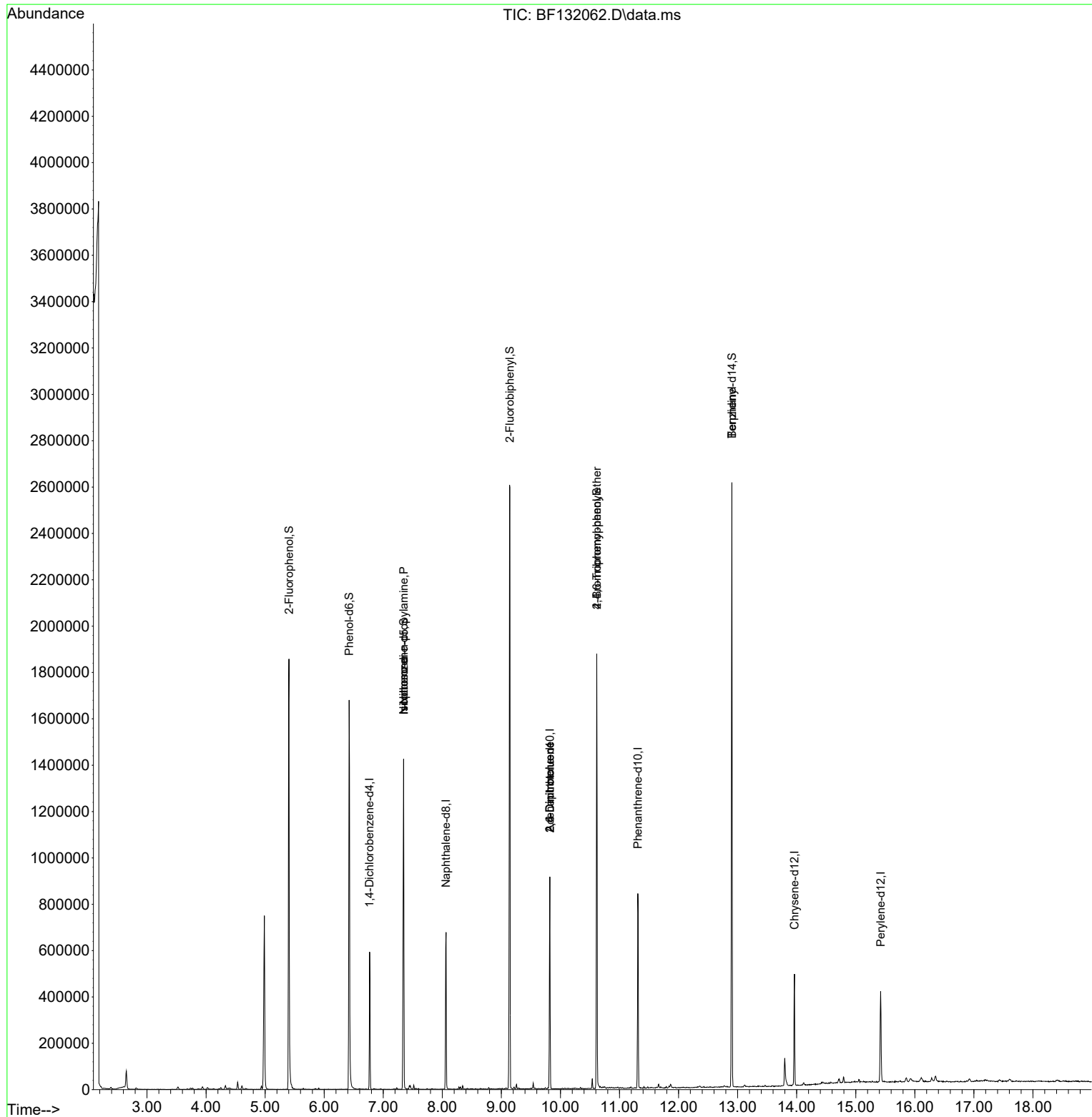
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	76352	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	278676	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	165104	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	305493	20.000	ng	0.00
76) Chrysene-d12	13.963	240	149709	20.000	ng	0.00
86) Perylene-d12	15.421	264	168223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	483415	104.328	ng	0.02
7) Phenol-d6	6.422	99	574694	93.543	ng	0.00
23) Nitrobenzene-d5	7.345	82	474405	70.654	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	192812	101.569	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	832363	68.058	ng	0.00
79) Terphenyl-d14	12.904	244	819347	78.442	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	67246	15.131	ng	# 78
25) Isophorone	7.345	82	471298	37.572	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	21661	8.002	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	21661	5.985	ng	# 13
67) 4-Bromophenyl-phenylether	10.616	248	12947	3.388	ng	# 1
77) Benzydine	12.904	184	13499	2.714	ng	# 91

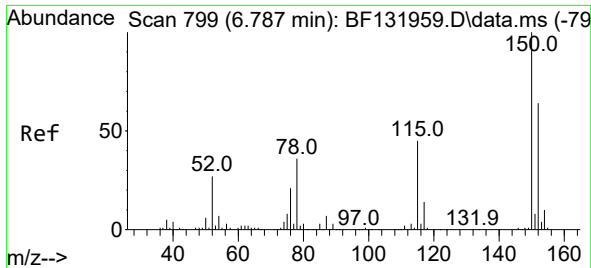
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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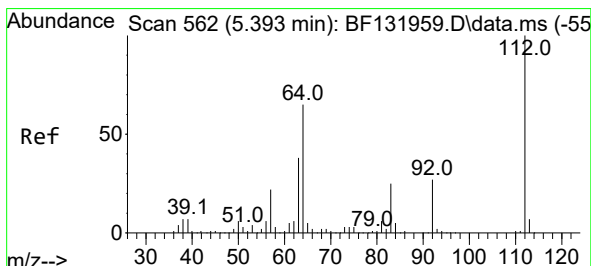
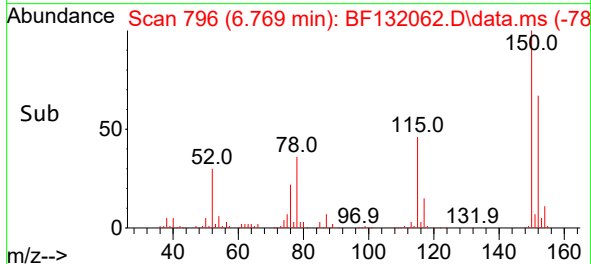
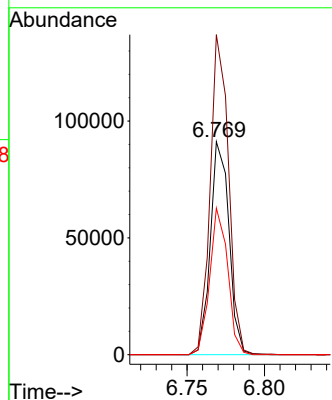
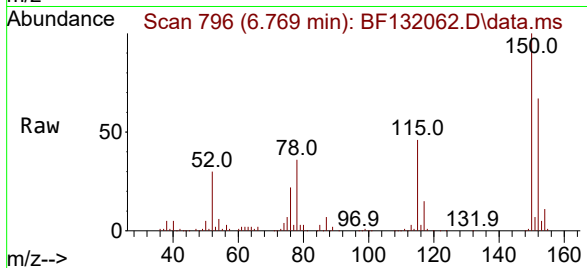




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43

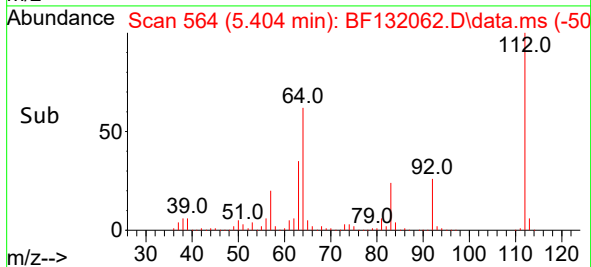
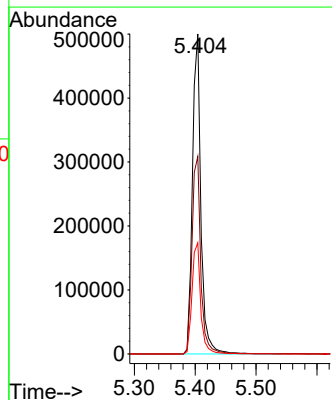
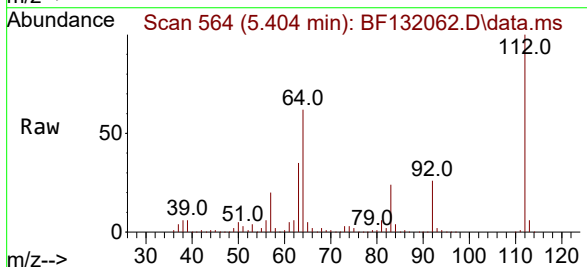
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

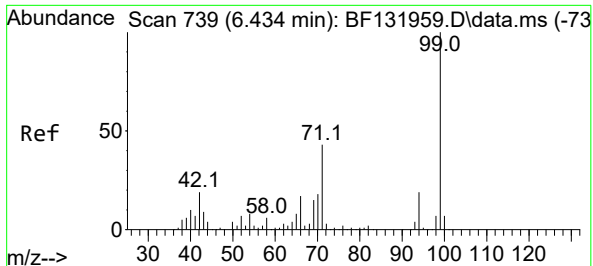
Tgt Ion:152 Resp: 76352
Ion Ratio Lower Upper
152 100
150 150.3 124.6 186.8
115 68.8 55.6 83.4



#5
2-Fluorophenol
Concen: 104.328 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.023 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43

Tgt Ion:112 Resp: 483415
Ion Ratio Lower Upper
112 100
64 61.7 51.9 77.9
63 34.7 30.2 45.2

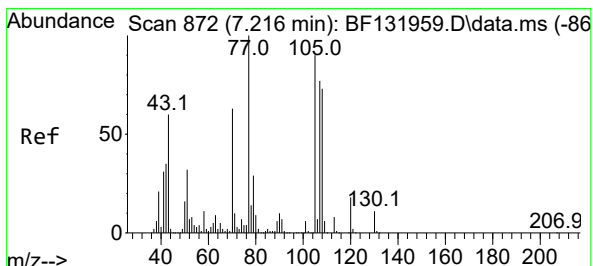
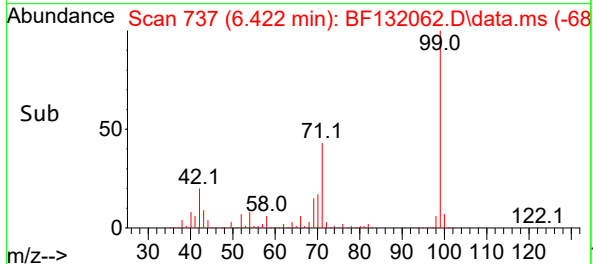
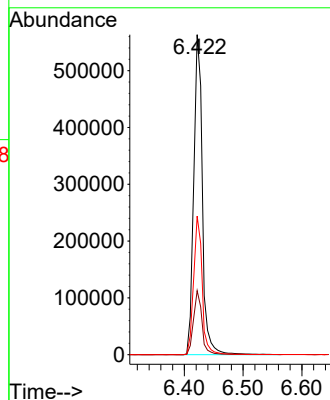
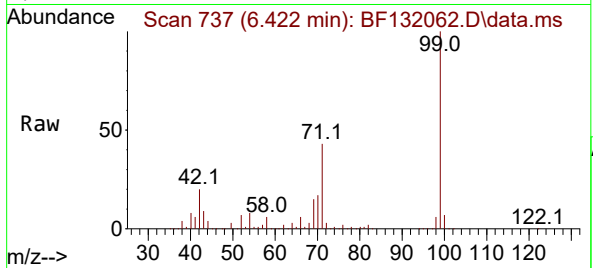




#7
Phenol-d6
Concen: 93.543 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43

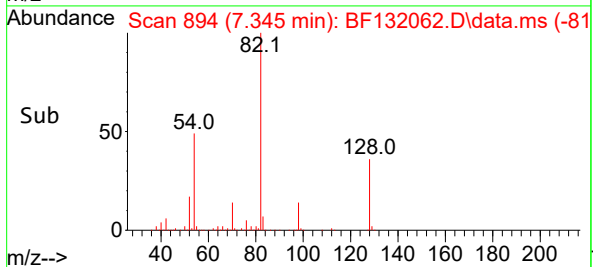
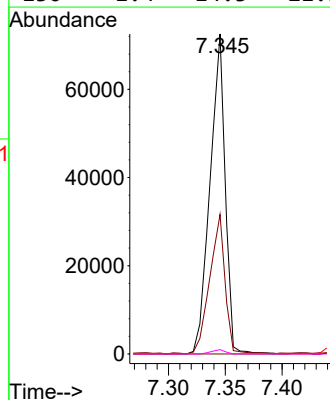
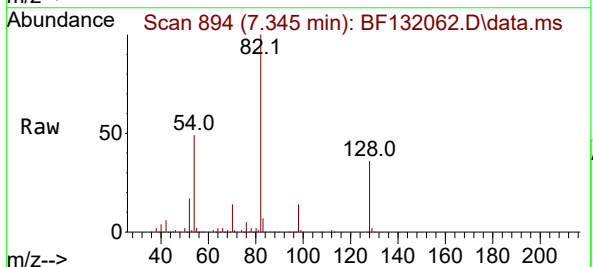
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

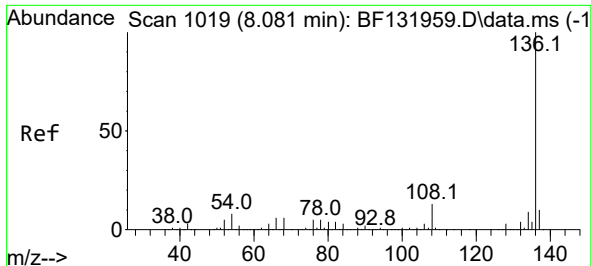
Tgt Ion: 99 Resp: 574694
Ion Ratio Lower Upper
99 100
42 20.0 15.4 23.2
71 43.3 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.131 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43

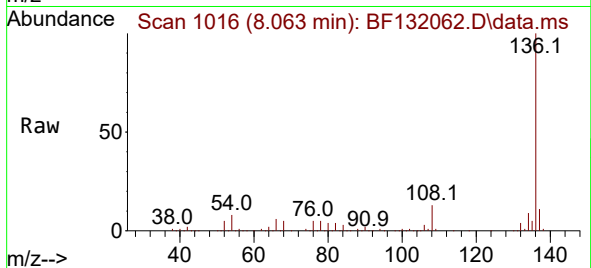
Tgt Ion: 70 Resp: 67246
Ion Ratio Lower Upper
70 100
42 43.6 44.3 66.5#
101 0.0 7.5 11.3#
130 1.4 14.3 21.5#



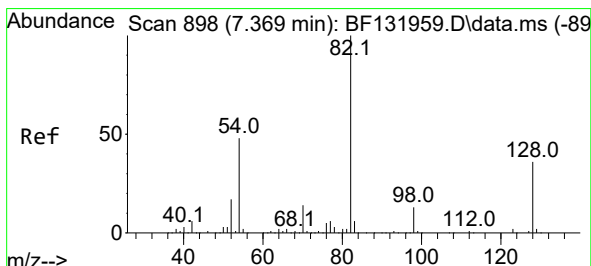
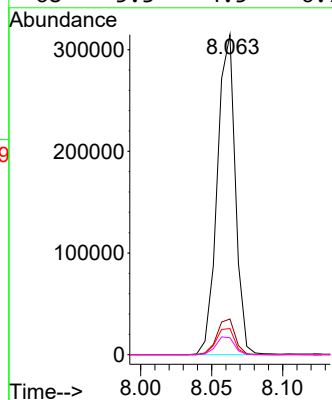
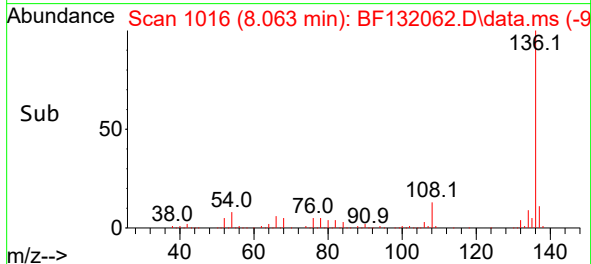


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43

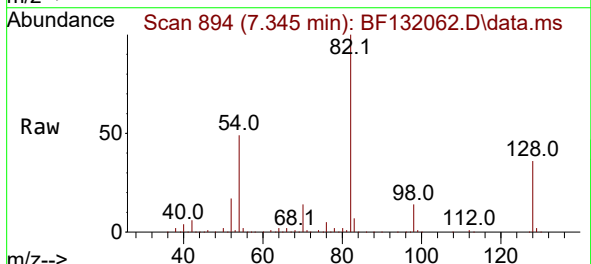
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1



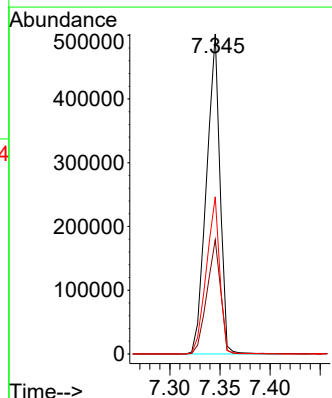
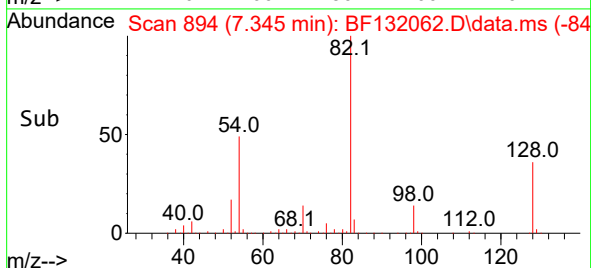
Tgt Ion:136 Resp: 278676
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 8.2 6.6 9.8
68 5.3 4.5 6.7

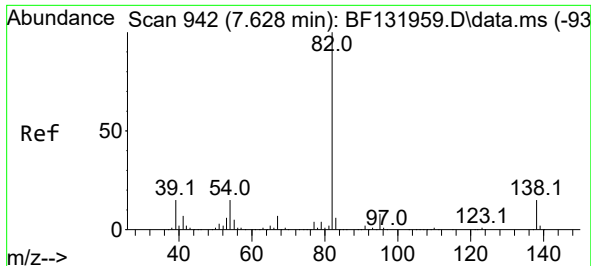


#23
Nitrobenzene-d5
Concen: 70.654 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43



Tgt Ion: 82 Resp: 474405
Ion Ratio Lower Upper
82 100
128 35.7 28.7 43.1
54 49.1 38.1 57.1

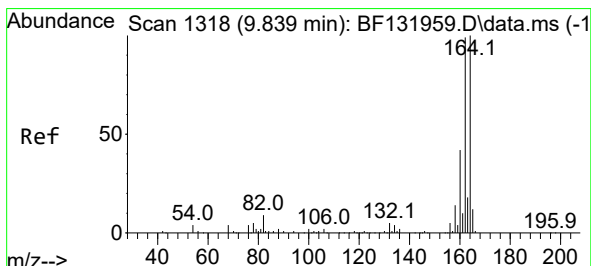
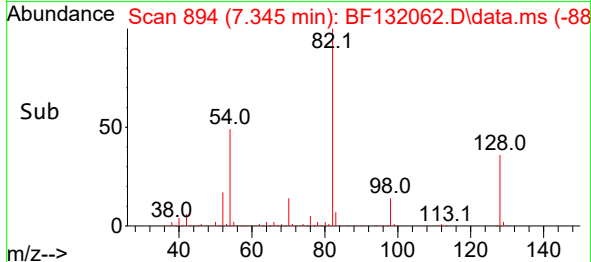
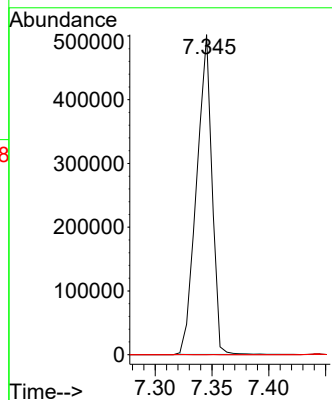
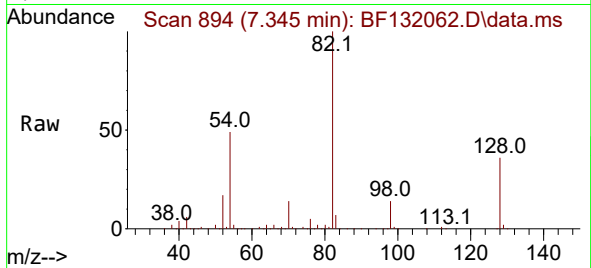




#25
Isophorone
Concen: 37.572 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43

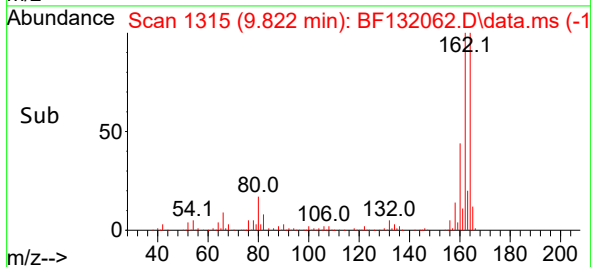
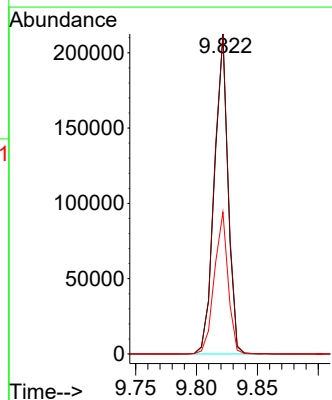
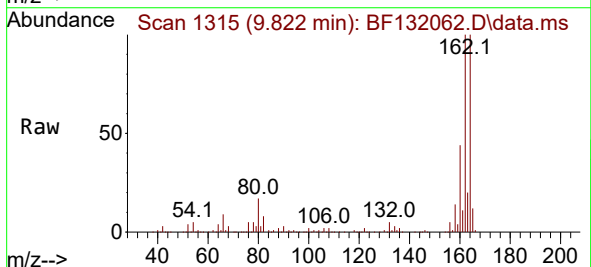
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

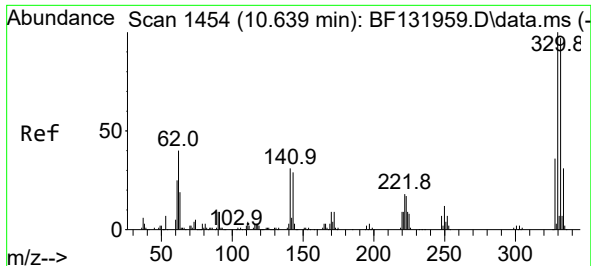
Tgt Ion: 82 Resp: 471298
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43

Tgt Ion:164 Resp: 165104
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 44.3 33.9 50.9

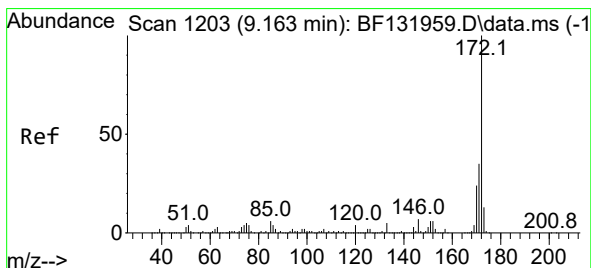
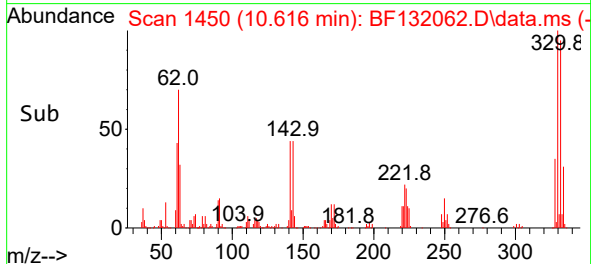
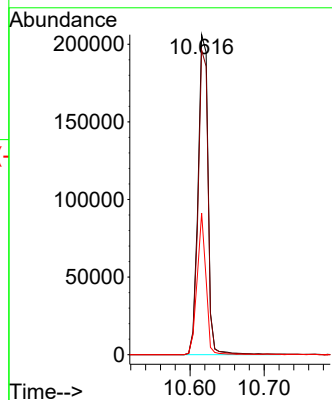
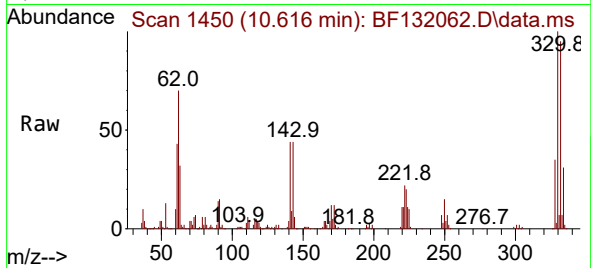




#42
2,4,6-Tribromophenol
Concen: 101.569 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43

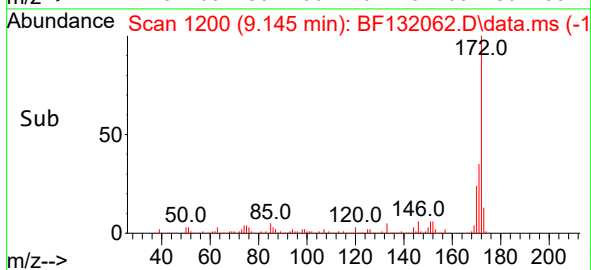
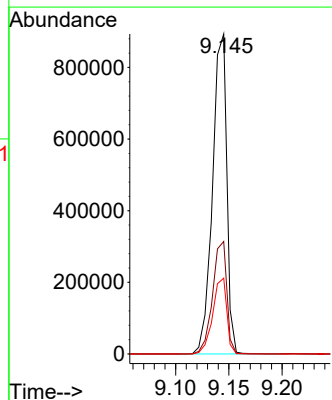
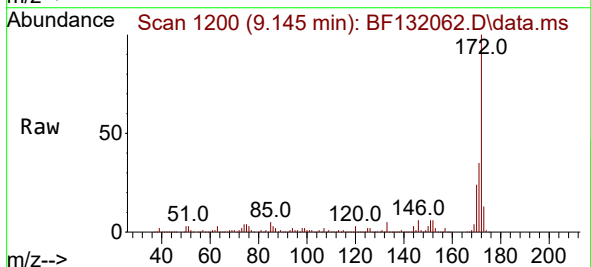
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

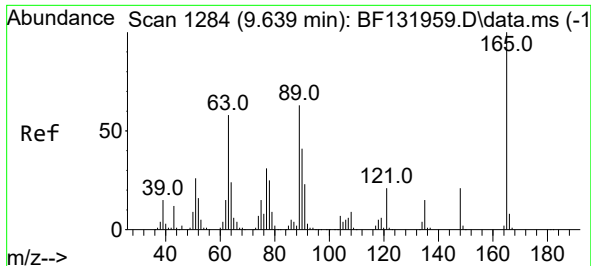
Tgt Ion:330 Resp: 192812
Ion Ratio Lower Upper
330 100
332 94.1 76.9 115.3
141 39.1 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 68.058 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43

Tgt Ion:172 Resp: 832363
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.7 18.9 28.3

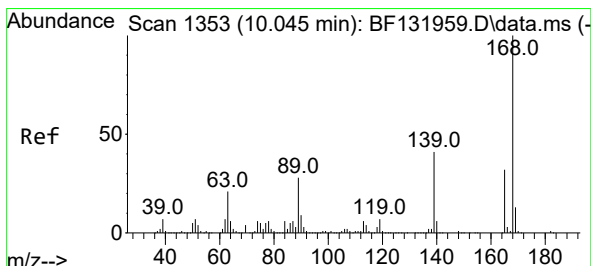
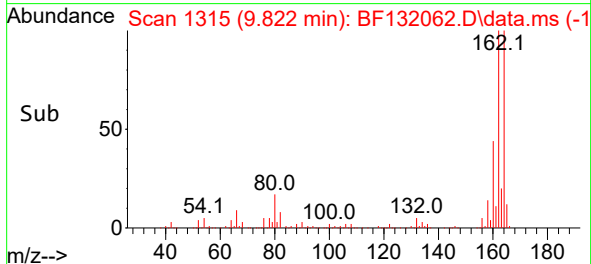
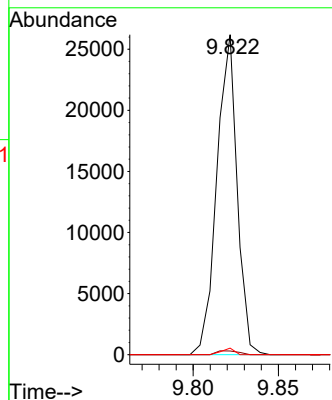
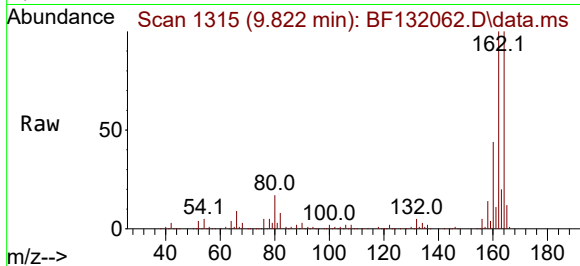




#51
2,6-Dinitrotoluene
Concen: 8.002 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43

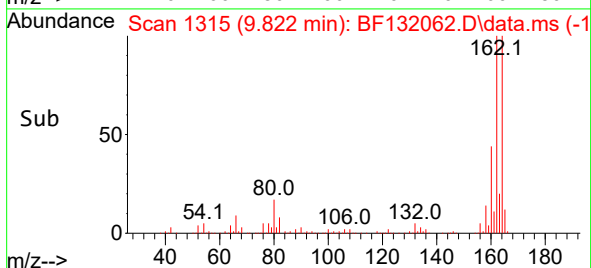
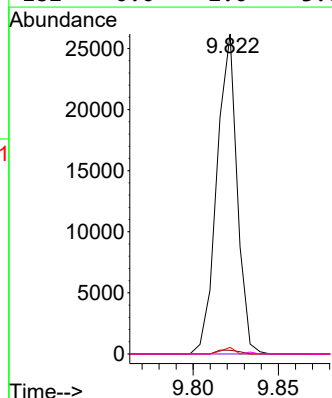
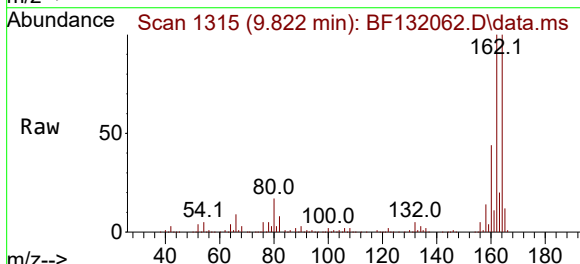
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

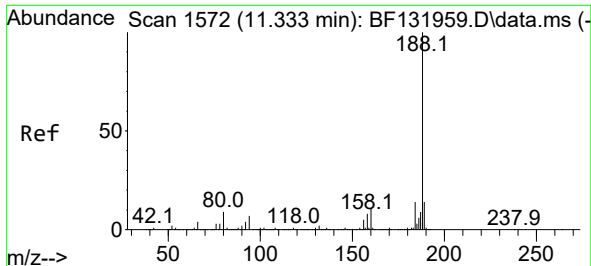
Tgt Ion:165 Resp: 21661
Ion Ratio Lower Upper
165 100
63 1.1 47.4 71.0#
89 2.1 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 5.985 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43

Tgt Ion:165 Resp: 21661
Ion Ratio Lower Upper
165 100
63 1.1 53.2 79.8#
89 2.1 71.2 106.8#
182 0.0 2.0 3.0#

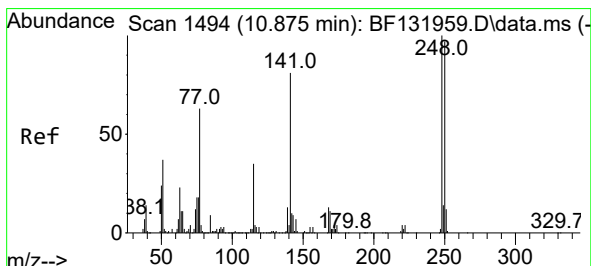
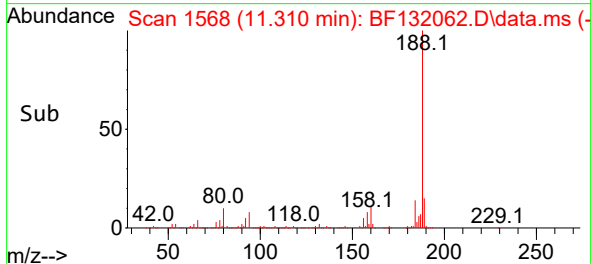
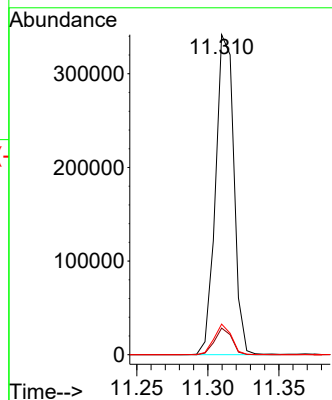
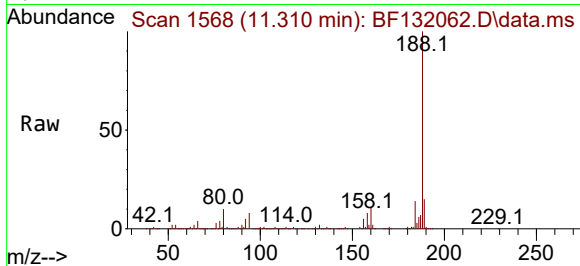




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43

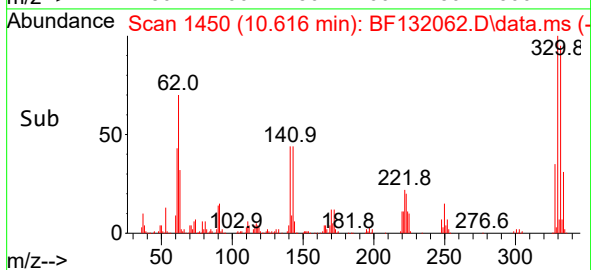
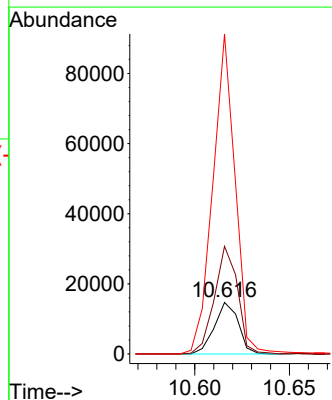
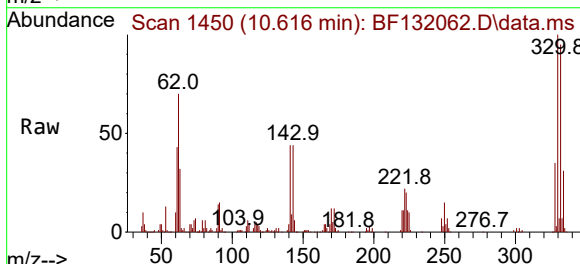
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

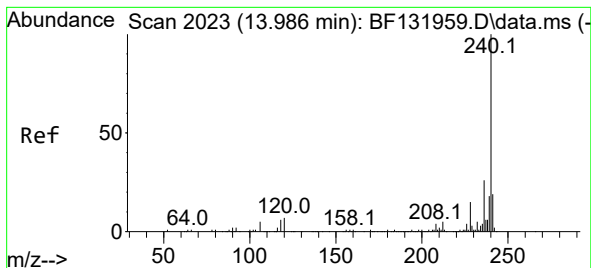
Tgt Ion:188 Resp: 305493
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.6
80 9.5 7.4 11.0



#67
4-Bromophenyl-phenylether
Concen: 3.388 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.241 min
Lab File: BF132062.D
Acq: 13 Jan 2023 16:43

Tgt Ion:248 Resp: 12947
Ion Ratio Lower Upper
248 100
250 208.9 77.4 116.2#
141 620.4 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: BF132062.D

Acq: 13 Jan 2023 16:43

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

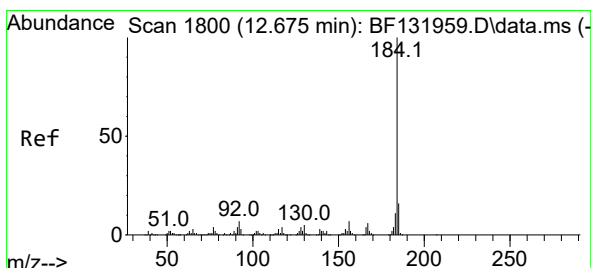
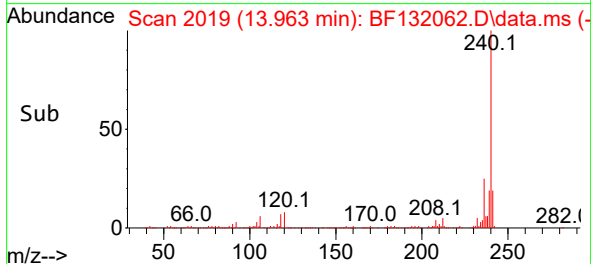
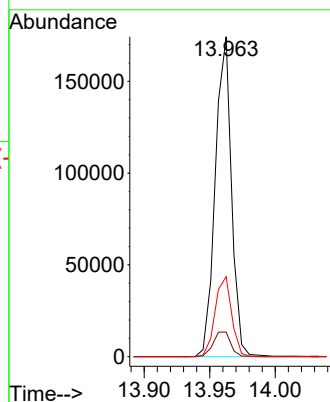
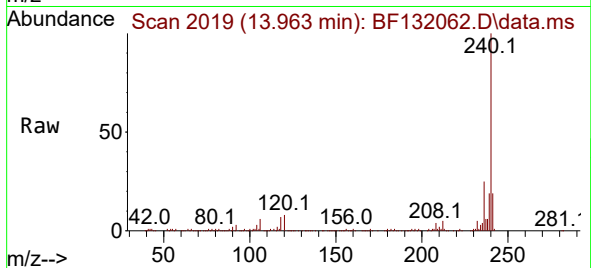
Tgt Ion:240 Resp: 149709

Ion Ratio Lower Upper

240 100

120 7.7 5.4 8.0

236 25.0 21.1 31.7



#77

Benidine

Concen: 2.714 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.247 min

Lab File: BF132062.D

Acq: 13 Jan 2023 16:43

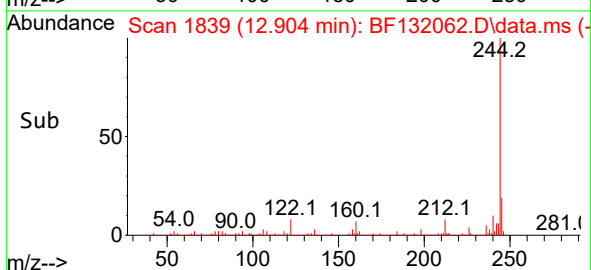
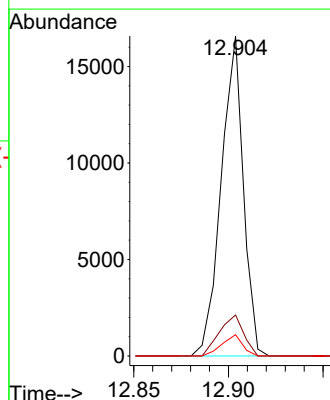
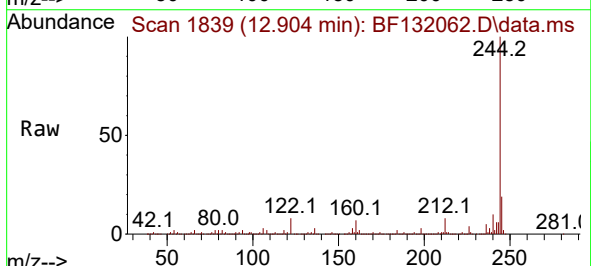
Tgt Ion:184 Resp: 13499

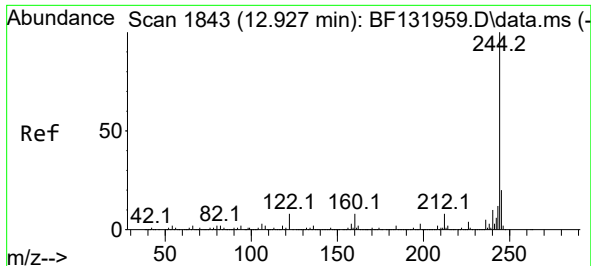
Ion Ratio Lower Upper

184 100

185 12.8 12.8 19.2#

183 6.7 9.0 13.4#

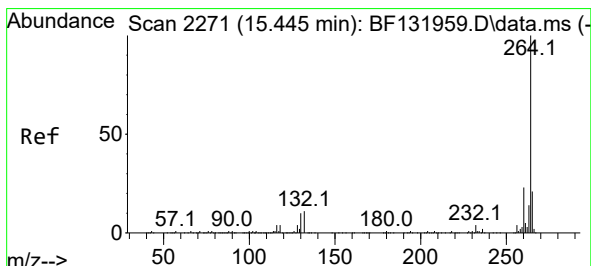
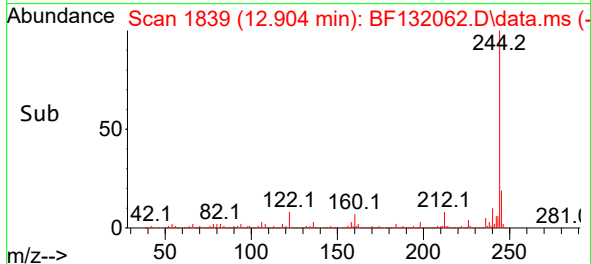
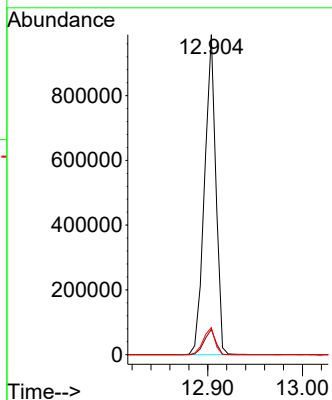
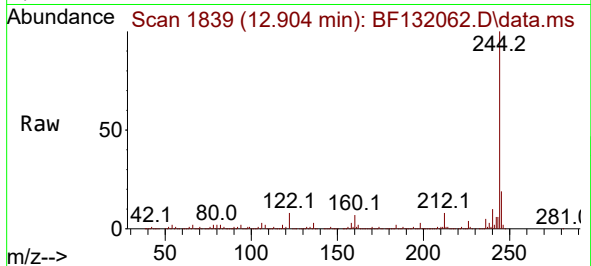




#79
 Terphenyl-d14
 Concen: 78.442 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF132062.D
 Acq: 13 Jan 2023 16:43

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Tgt Ion:244 Resp: 819347
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.4 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: BF132062.D
 Acq: 13 Jan 2023 16:43

Tgt Ion:264 Resp: 168223
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.3 27.5
 265 21.6 16.9 25.3

