

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132059.D
 Acq On : 13 Jan 2023 14:56
 Operator : CG\JU
 Sample : PB150154TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150154TB

Quant Time: Jan 16 01:16:58 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)

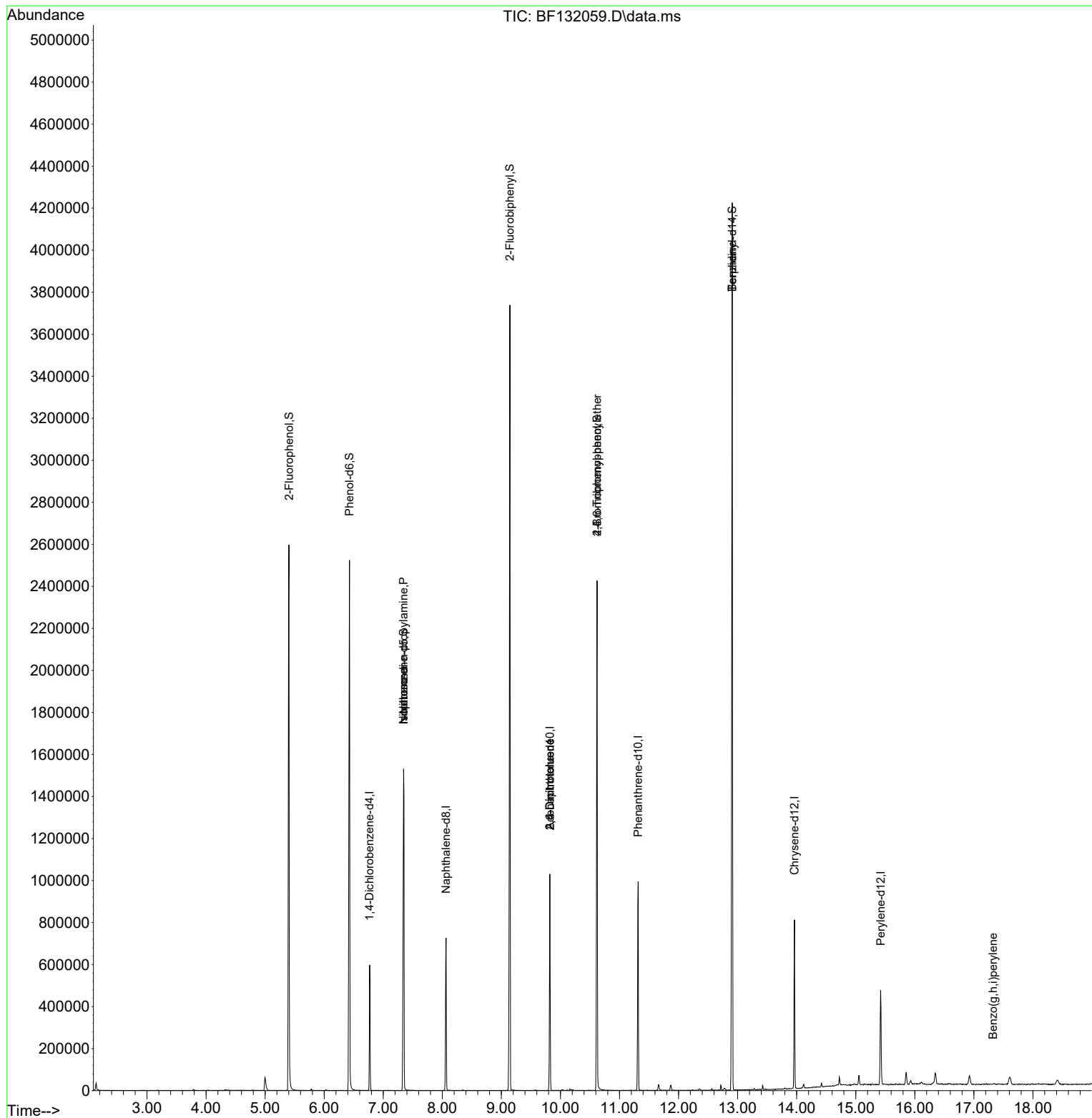
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	82292	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	304481	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	186712	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	366170	20.000	ng	0.00
76) Chrysene-d12	13.962	240	256367	20.000	ng	0.00
86) Perylene-d12	15.421	264	171192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	690859	138.335	ng	0.02
7) Phenol-d6	6.428	99	874841	132.120	ng	0.00
23) Nitrobenzene-d5	7.345	82	625044	85.199	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	272125	126.760	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1112170	80.412	ng	0.00
79) Terphenyl-d14	12.910	244	1448770	80.996	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	88018	18.376	ng	# 78
25) Isophorone	7.345	82	619506	45.202	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	24148	7.889	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	24148	5.900	ng	# 13
67) 4-Bromophenyl-phenylether	10.622	248	18709	4.084	ng	# 1
77) Benzidine	12.910	184	22792	2.676	ng	# 94
92) Benzo(g,h,i)perylene	17.327	276	334	3.558	ng	# 58

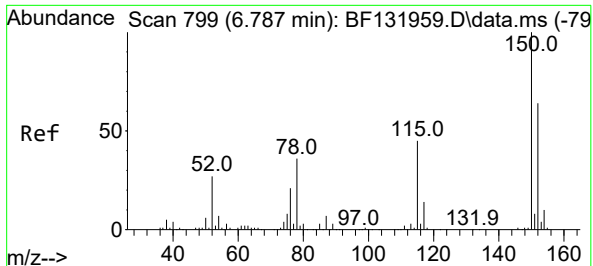
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
Data File : BF132059.D
Acq On : 13 Jan 2023 14:56
Operator : CG\JU
Sample : PB150154TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB150154TB

Quant Time: Jan 16 01:16:58 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

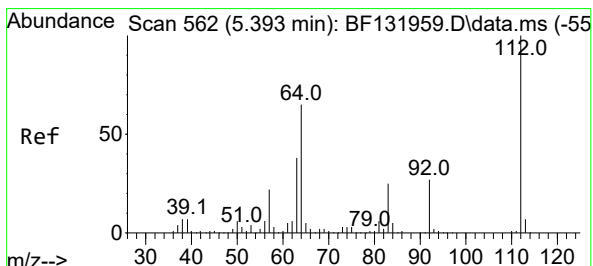
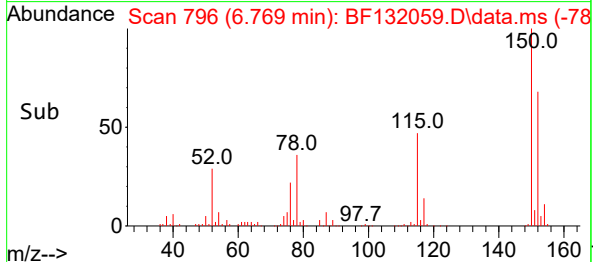
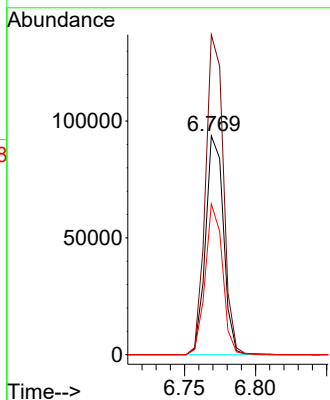
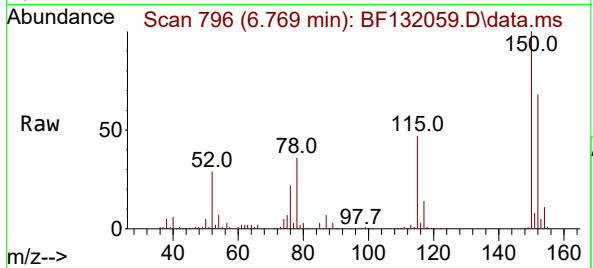




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

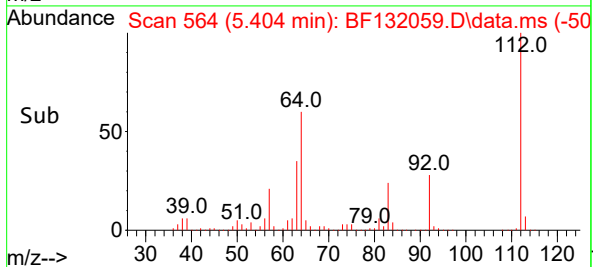
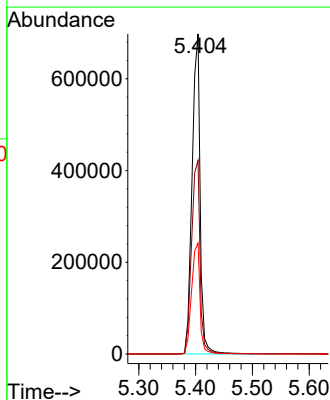
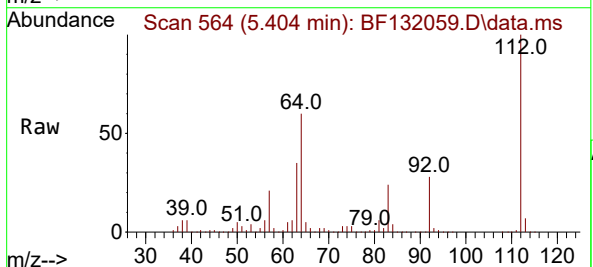
Instrument :
BNA_F
ClientSampleId :
PB150154TB

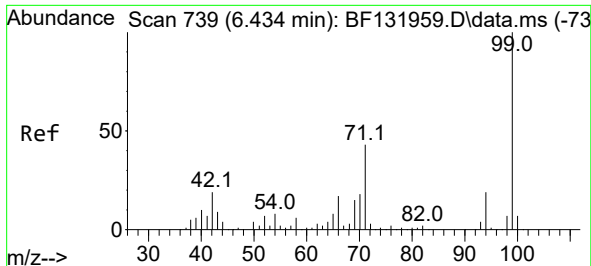
Tgt Ion:152 Resp: 82292
Ion Ratio Lower Upper
152 100
150 146.2 124.6 186.8
115 68.8 55.6 83.4



#5
2-Fluorophenol
Concen: 138.335 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.023 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

Tgt Ion:112 Resp: 690859
Ion Ratio Lower Upper
112 100
64 60.4 51.9 77.9
63 34.6 30.2 45.2

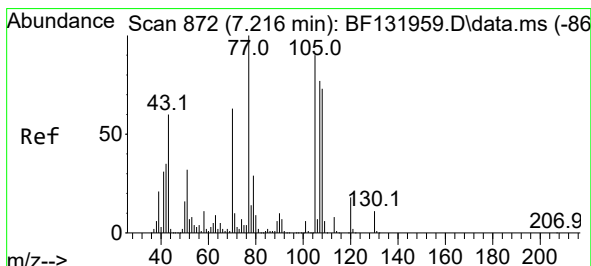
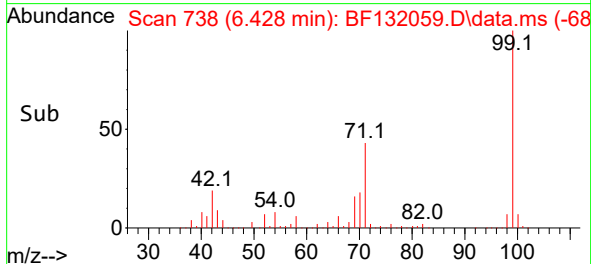
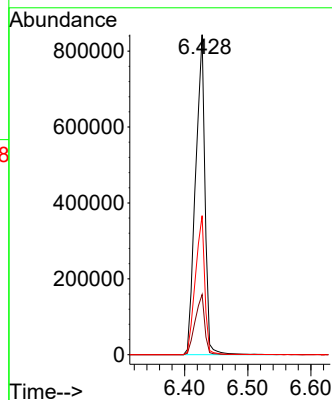
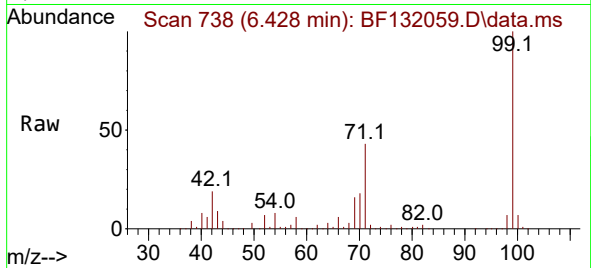




#7
Phenol-d6
Concen: 132.120 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

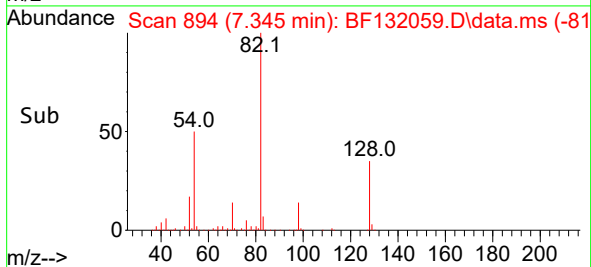
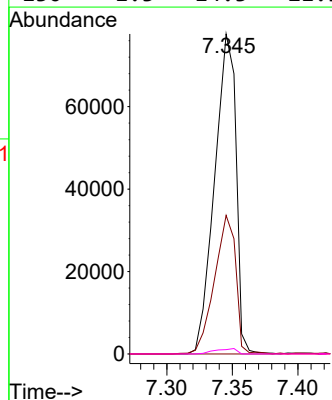
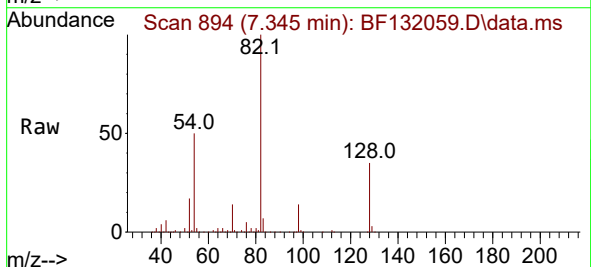
Instrument :
BNA_F
ClientSampleId :
PB150154TB

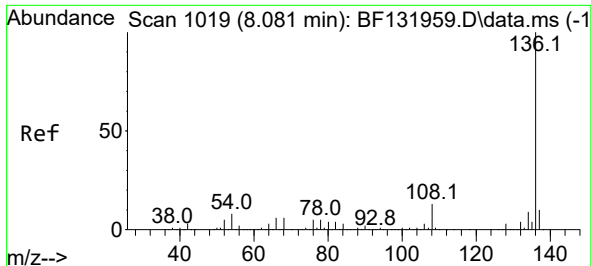
Tgt Ion: 99 Resp: 874841
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.2
71 43.5 34.6 51.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.376 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

Tgt Ion: 70 Resp: 88018
Ion Ratio Lower Upper
70 100
42 43.3 44.3 66.5#
101 0.0 7.5 11.3#
130 1.3 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: BF132059.D

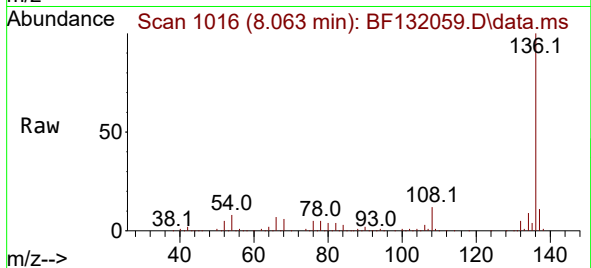
Acq: 13 Jan 2023 14:56

Instrument :

BNA_F

ClientSampleId :

PB150154TB



Tgt Ion:136 Resp: 304481

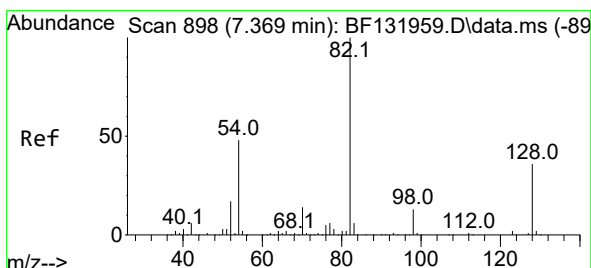
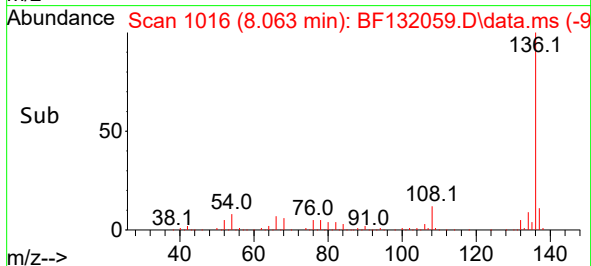
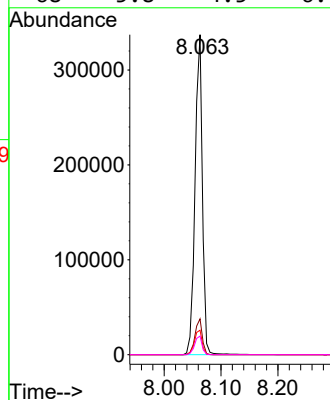
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.2

54 7.6 6.6 9.8

68 5.8 4.5 6.7



#23

Nitrobenzene-d5

Concen: 85.199 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF132059.D

Acq: 13 Jan 2023 14:56

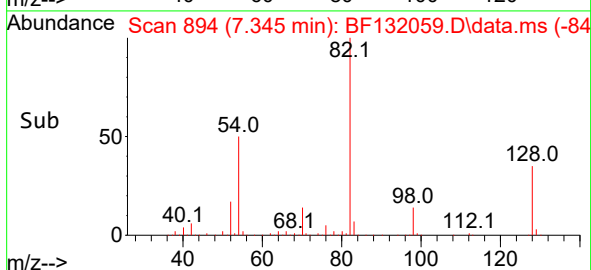
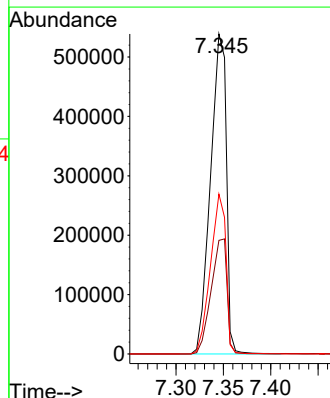
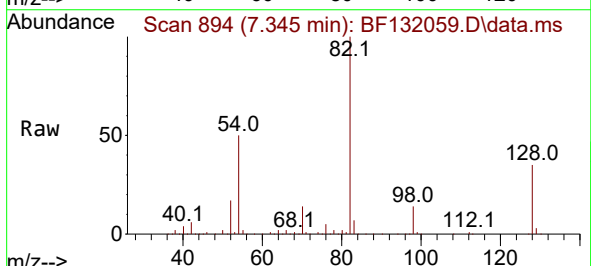
Tgt Ion: 82 Resp: 625044

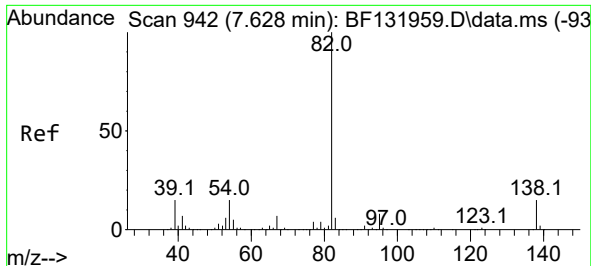
Ion Ratio Lower Upper

82 100

128 35.5 28.7 43.1

54 49.9 38.1 57.1

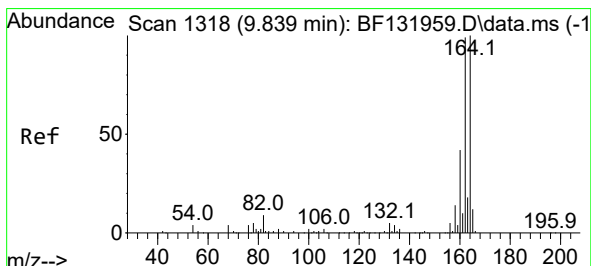
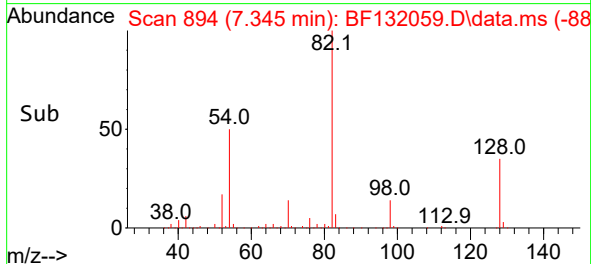
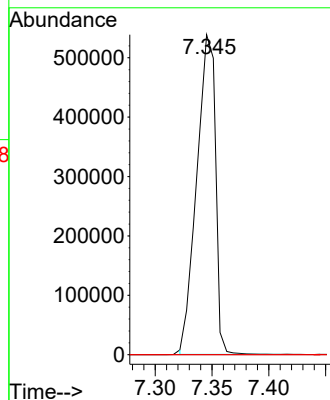
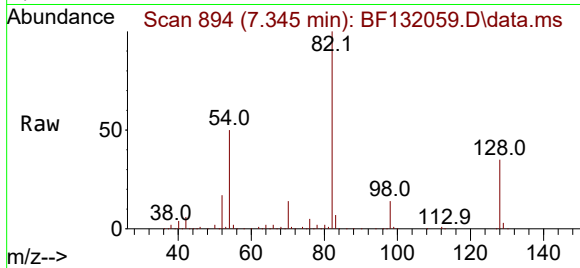




#25
Isophorone
Concen: 45.202 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

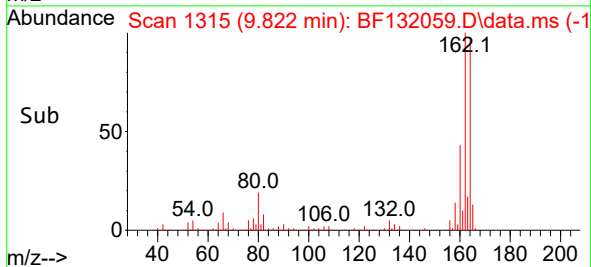
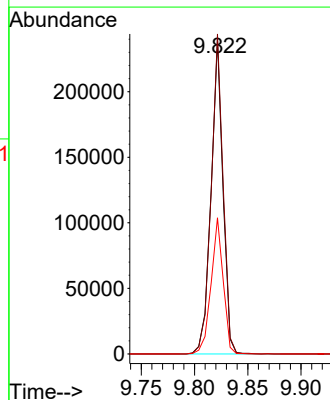
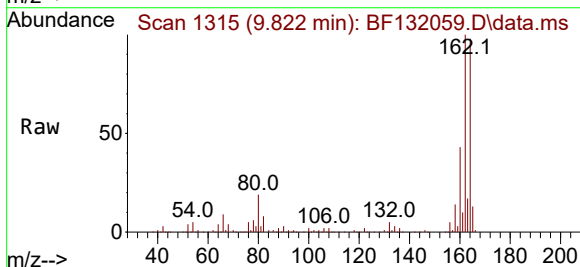
Instrument :
BNA_F
ClientSampleId :
PB150154TB

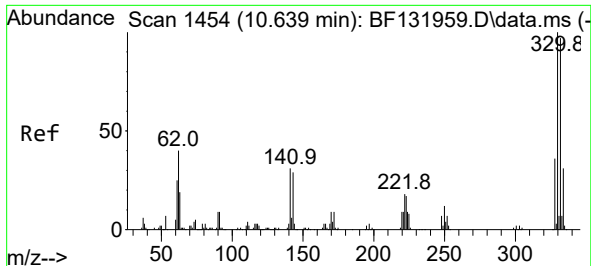
Tgt Ion: 82 Resp: 619506
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 11.9 17.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

Tgt Ion:164 Resp: 186712
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.0
160 43.3 33.9 50.9

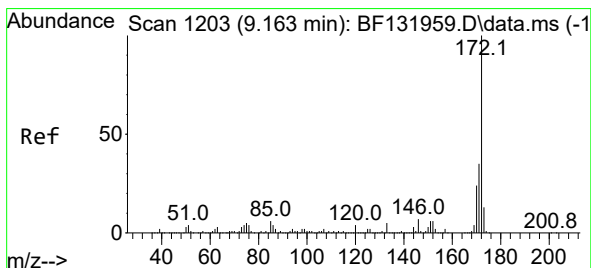
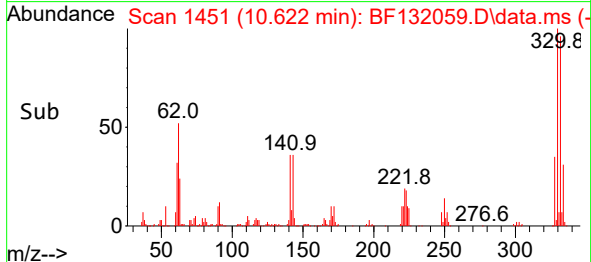
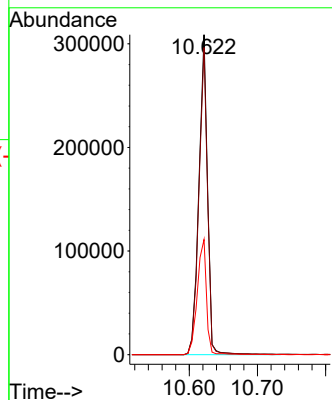
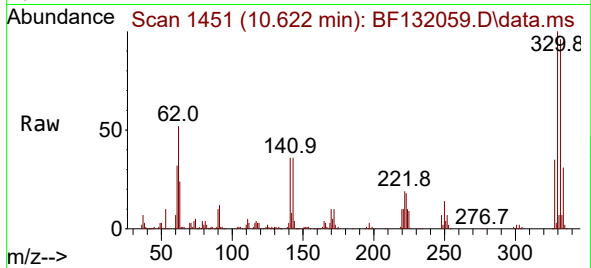




#42
2,4,6-Tribromophenol
Concen: 126.760 ng
RT: 10.622 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

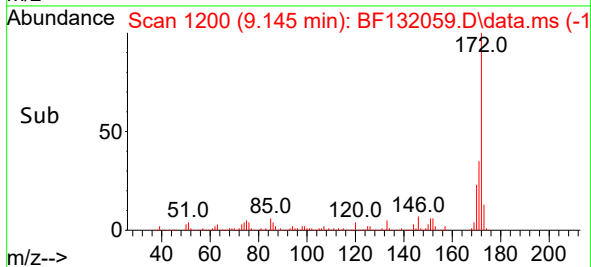
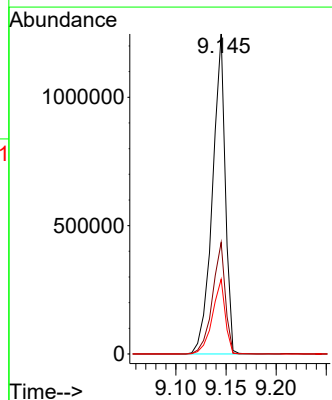
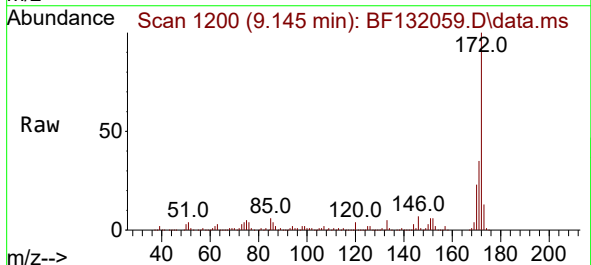
Instrument :
BNA_F
ClientSampleId :
PB150154TB

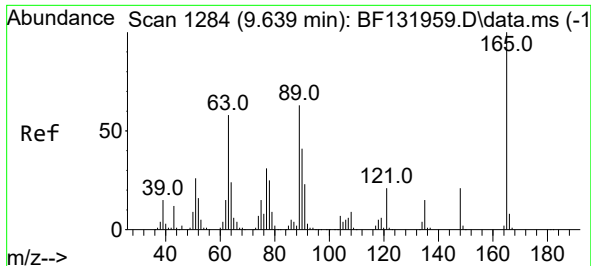
Tgt Ion:330 Resp: 272125
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 38.3 31.3 46.9



#45
2-Fluorobiphenyl
Concen: 80.412 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

Tgt Ion:172 Resp: 1112170
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.3 18.9 28.3

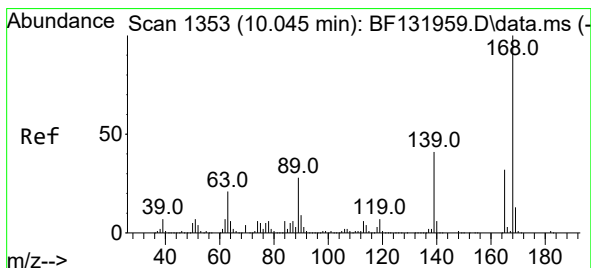
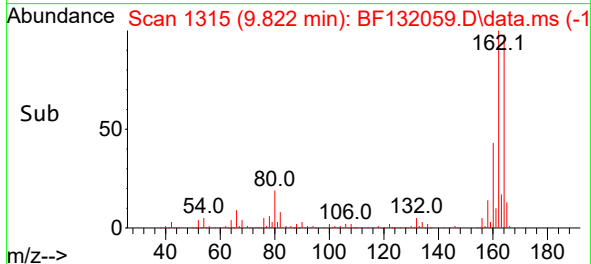
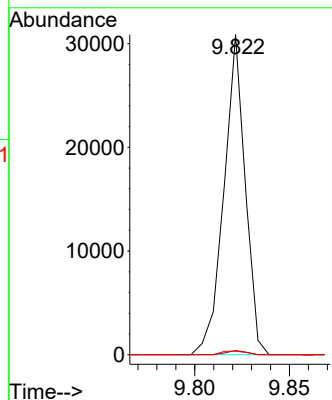
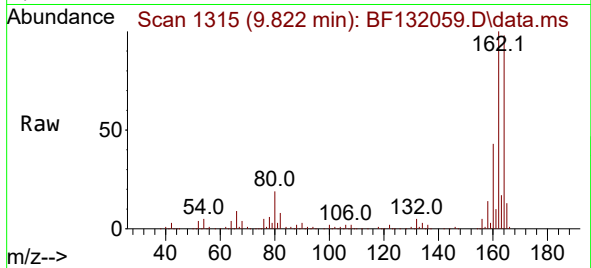




#51
2,6-Dinitrotoluene
Concen: 7.889 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

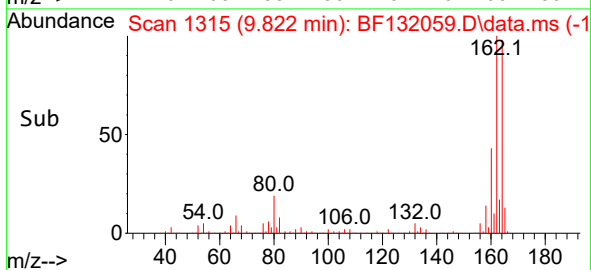
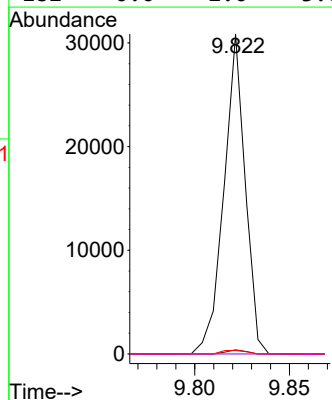
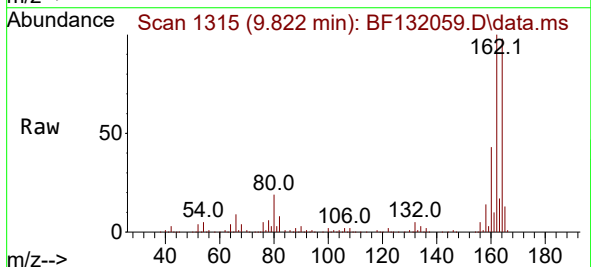
Instrument :
BNA_F
ClientSampleId :
PB150154TB

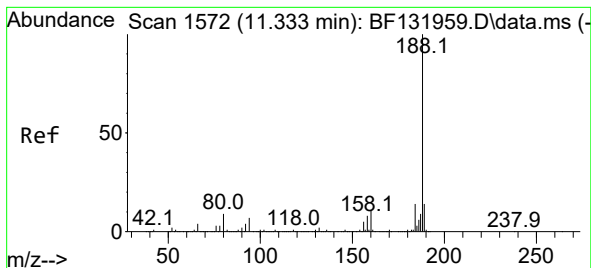
Tgt Ion:165 Resp: 24148
Ion Ratio Lower Upper
165 100
63 1.3 47.4 71.0#
89 1.1 50.2 75.2#



#57
2,4-Dinitrotoluene
Concen: 5.900 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

Tgt Ion:165 Resp: 24148
Ion Ratio Lower Upper
165 100
63 1.3 53.2 79.8#
89 1.1 71.2 106.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132059.D

Acq: 13 Jan 2023 14:56

Instrument :

BNA_F

ClientSampleId :

PB150154TB

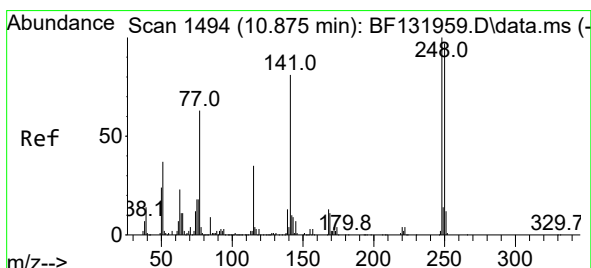
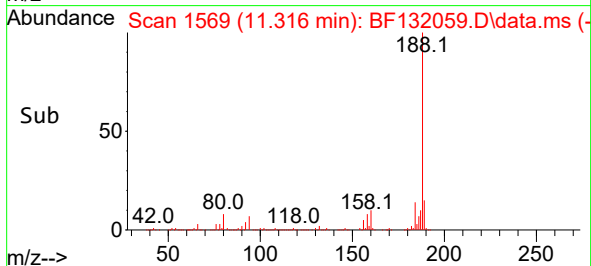
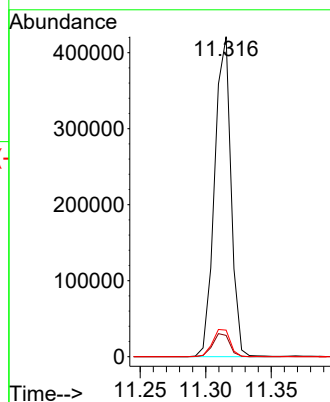
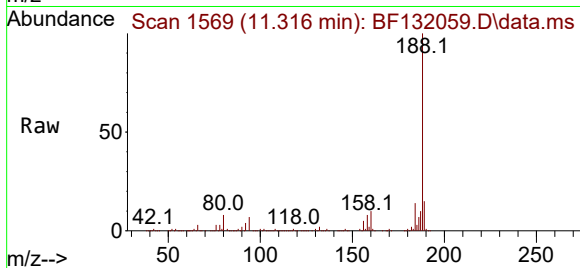
Tgt Ion:188 Resp: 366170

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

80 8.3 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 4.084 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.235 min

Lab File: BF132059.D

Acq: 13 Jan 2023 14:56

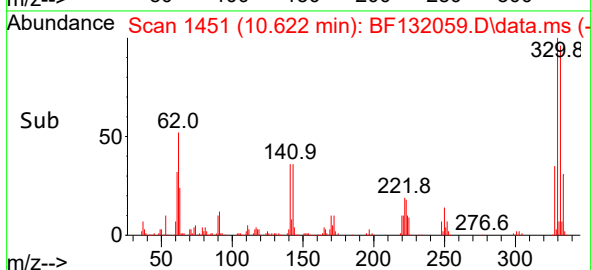
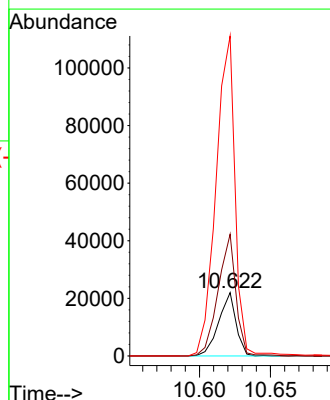
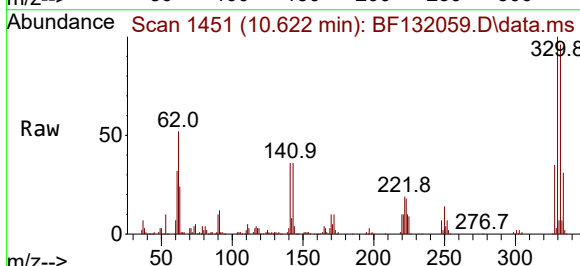
Tgt Ion:248 Resp: 18709

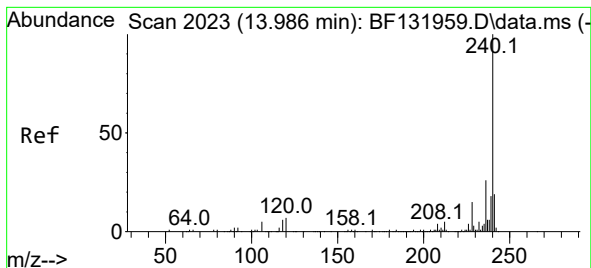
Ion Ratio Lower Upper

248 100

250 192.2 77.4 116.2#

141 505.2 65.0 97.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF132059.D

Acq: 13 Jan 2023 14:56

Instrument :

BNA_F

ClientSampleId :

PB150154TB

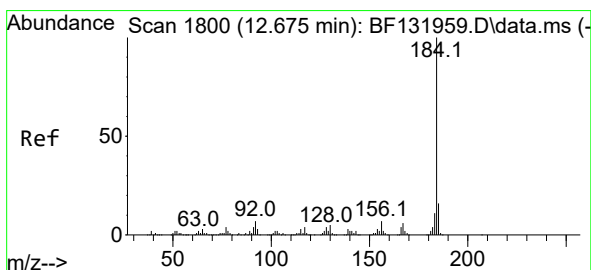
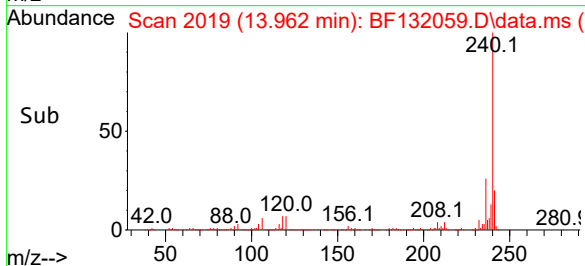
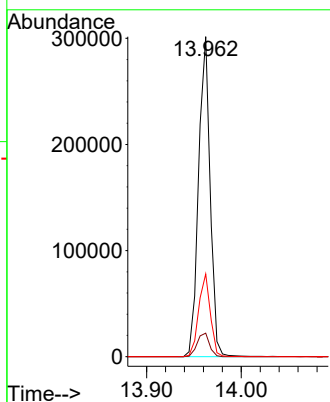
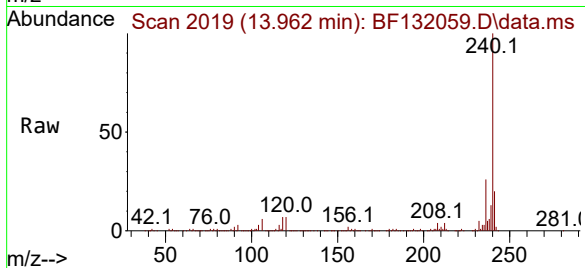
Tgt Ion:240 Resp: 256367

Ion Ratio Lower Upper

240 100

120 7.4 5.4 8.0

236 25.9 21.1 31.7



#77

Benzidine

Concen: 2.676 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.253 min

Lab File: BF132059.D

Acq: 13 Jan 2023 14:56

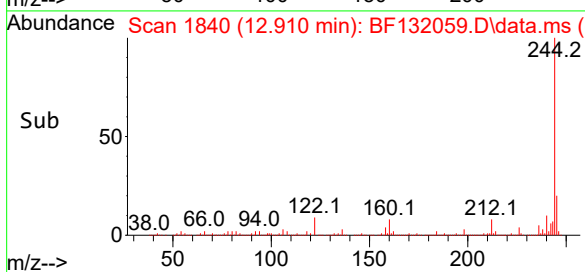
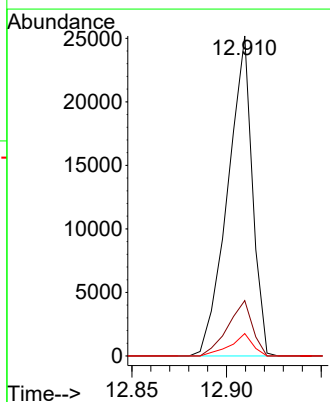
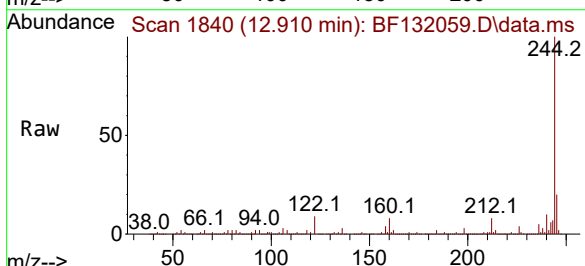
Tgt Ion:184 Resp: 22792

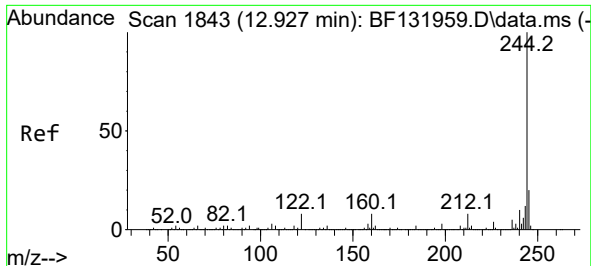
Ion Ratio Lower Upper

184 100

185 17.3 12.8 19.2

183 7.0 9.0 13.4#

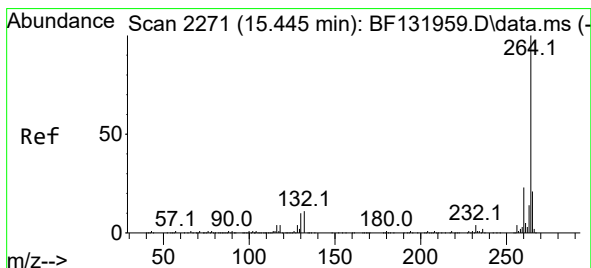
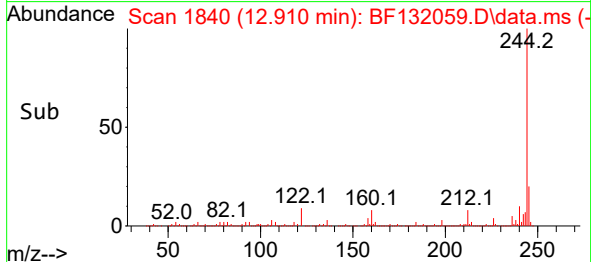
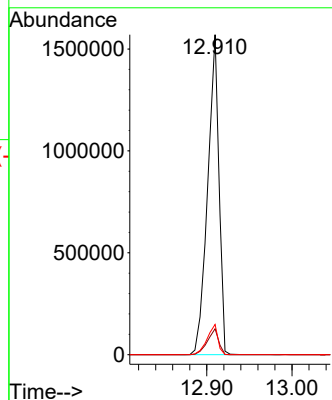
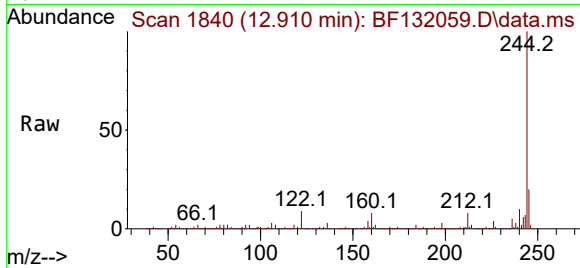




#79
Terphenyl-d14
Concen: 80.996 ng
RT: 12.910 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

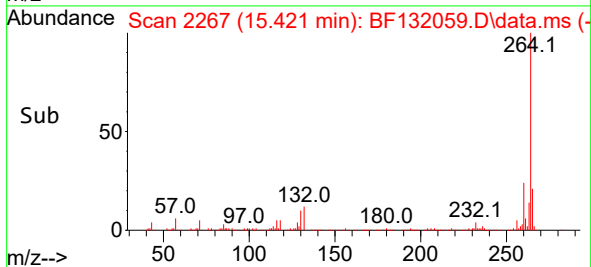
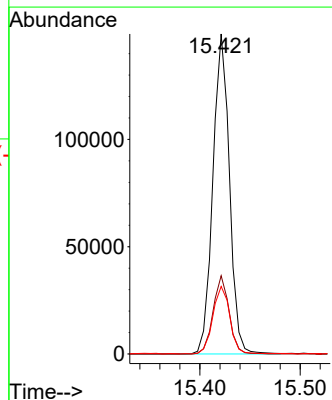
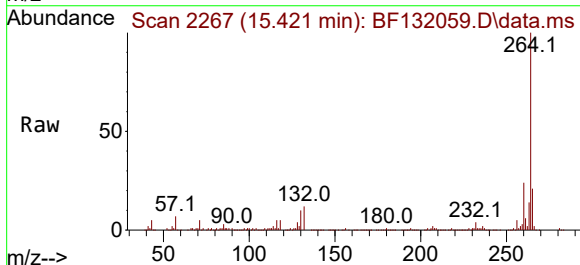
Instrument :
BNA_F
ClientSampleId :
PB150154TB

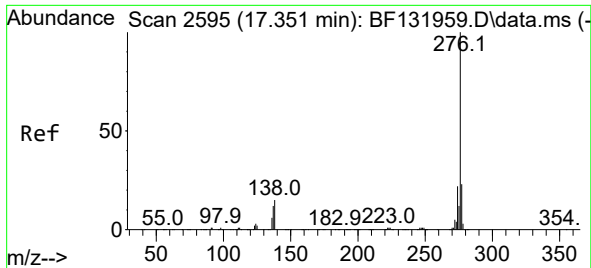
Tgt Ion:244 Resp: 1448770
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 9.5 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF132059.D
Acq: 13 Jan 2023 14:56

Tgt Ion:264 Resp: 171192
Ion Ratio Lower Upper
264 100
260 24.5 18.3 27.5
265 21.1 16.9 25.3





#92
 Benzo(g,h,i)perylene
 Concen: 3.558 ng
 RT: 17.327 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF132059.D
 Acq: 13 Jan 2023 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB150154TB

Tgt Ion:276 Resp: 334
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.2 27.2#
 138 0.0 11.7 17.5#

