

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
 Data File : BF133867.D
 Acq On : 21 Jun 2023 13:04
 Operator : CG\JU
 Sample : PB153548BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 13:28:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 13:43:46 2023
 Response via : Initial Calibration

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

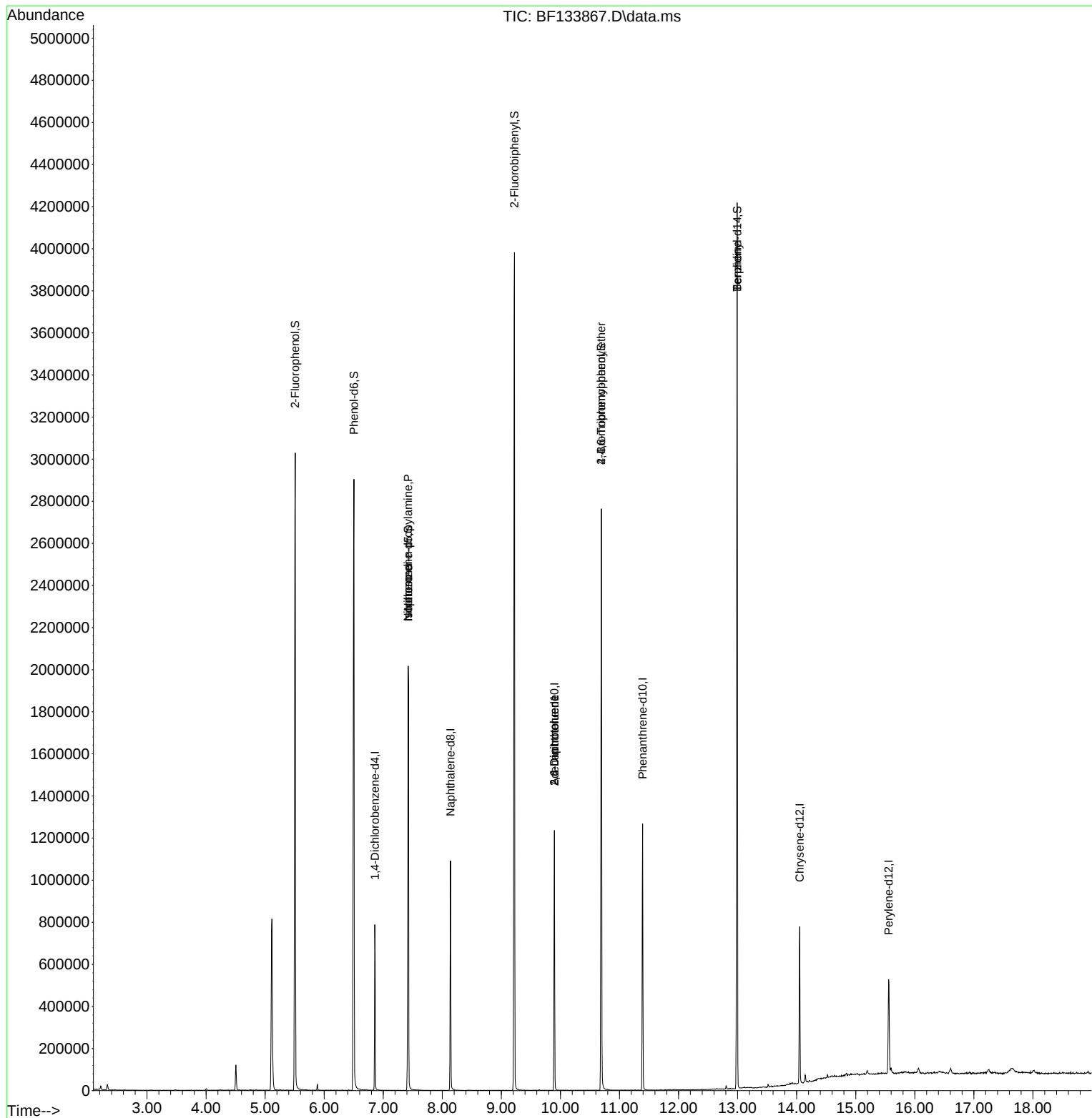
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	109758	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	432090	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	225165	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	448525	20.000	ng	0.00
76) Chrysene-d12	14.051	240	248292	20.000	ng	0.00
86) Perylene-d12	15.557	264	225472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	824396	130.760	ng	0.02
7) Phenol-d6	6.504	99	989819	120.613	ng	0.01
23) Nitrobenzene-d5	7.422	82	694257	87.514	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	341387	119.777	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1279472	80.776	ng	0.00
79) Terphenyl-d14	12.992	244	1455141	90.684	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	97884	18.747	ng	# 79
25) Isophorone	7.422	82	692275	47.533	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	28167	8.120	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	28167	6.384	ng	# 20
67) 4-Bromophenyl-phenylether	10.692	248	21191	4.233	ng	# 1
77) Benzidine	12.992	184	20637	2.477	ng	# 93

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

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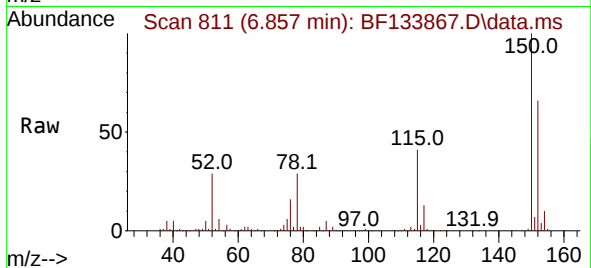
Quant Time: Jun 21 13:28:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 13:43:46 2023
Response via : Initial Calibration



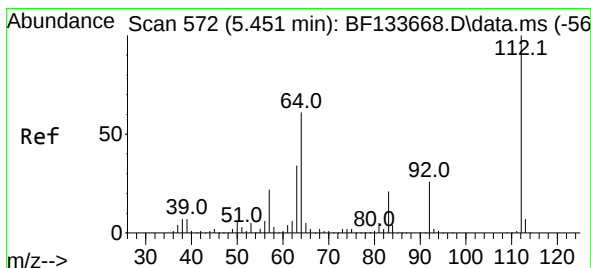
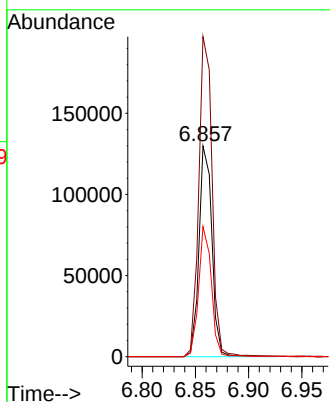
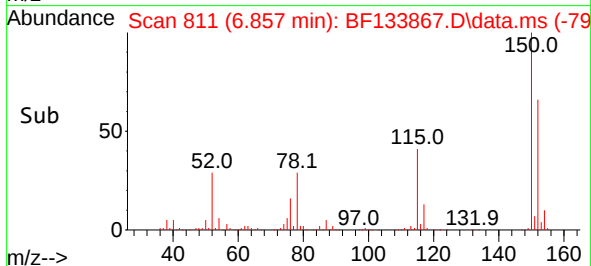


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

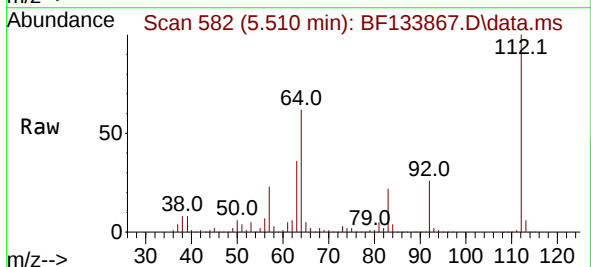
Instrument :
BNA_F
ClientSampleId :



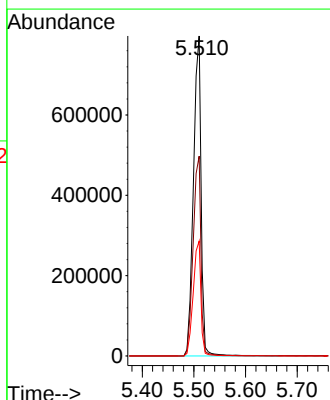
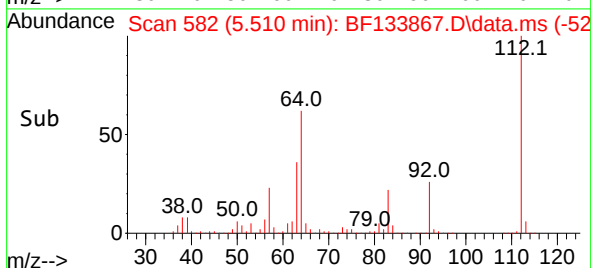
Tgt Ion:152 Resp: 109758
Ion Ratio Lower Upper
152 100
150 152.0 124.3 186.5
115 61.8 48.5 72.7

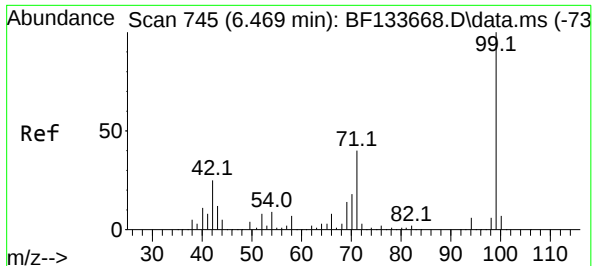


#5
2-Fluorophenol
Concen: 130.760 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04



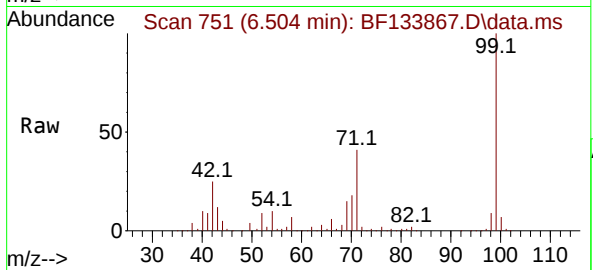
Tgt Ion:112 Resp: 824396
Ion Ratio Lower Upper
112 100
64 62.4 49.0 73.4
63 35.9 26.8 40.2



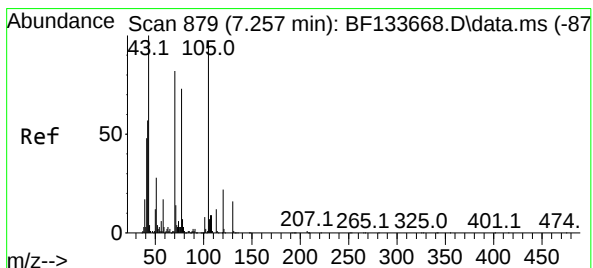
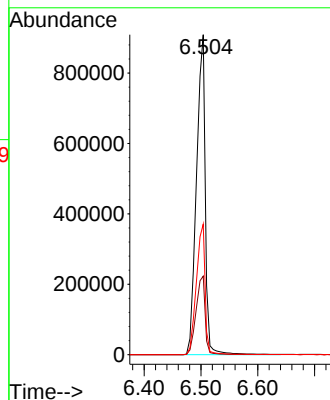
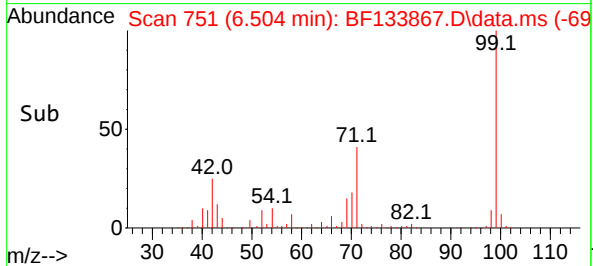


#7
Phenol-d6
Concen: 120.613 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

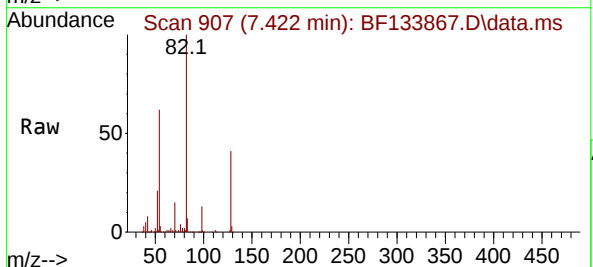
Instrument :
BNA_F
ClientSampleId :



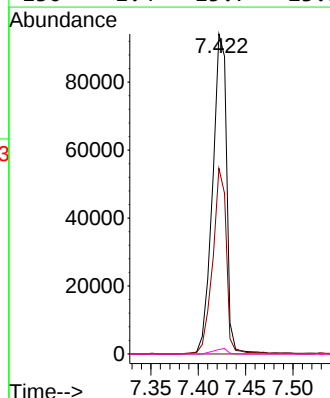
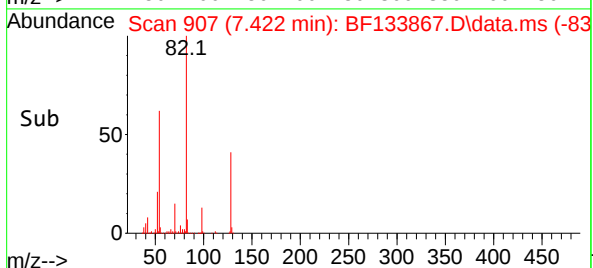
Tgt Ion: 99 Resp: 989819
Ion Ratio Lower Upper
99 100
42 24.5 19.9 29.9
71 40.8 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.747 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04



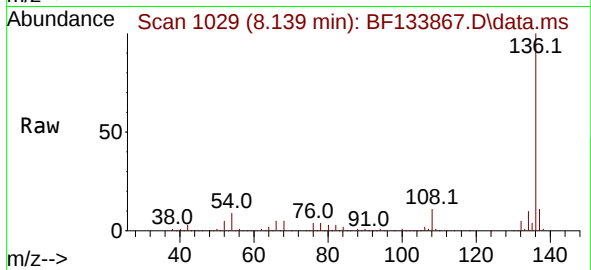
Tgt Ion: 70 Resp: 97884
Ion Ratio Lower Upper
70 100
42 58.0 55.8 83.8
101 0.0 8.1 12.1#
130 1.4 15.7 23.5#



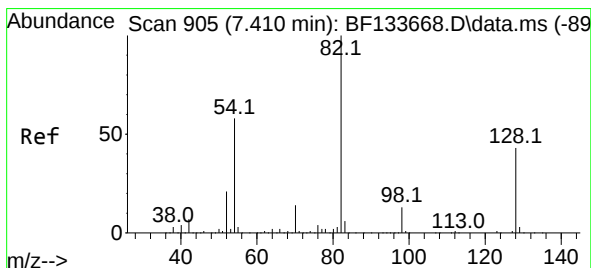
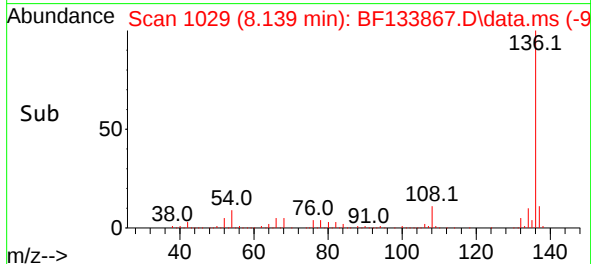
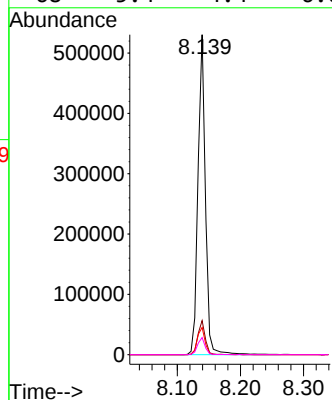


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

Instrument :
BNA_F
ClientSampleId :

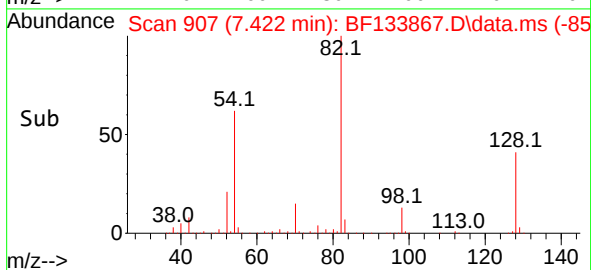
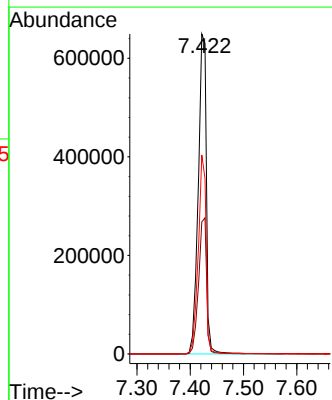
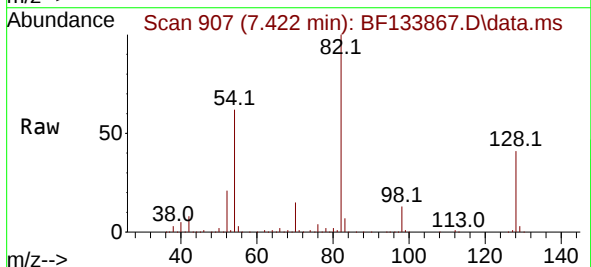


Tgt Ion:136 Resp: 432090
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.5 7.4 11.0
68 5.4 4.4 6.6



#23
Nitrobenzene-d5
Concen: 87.514 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

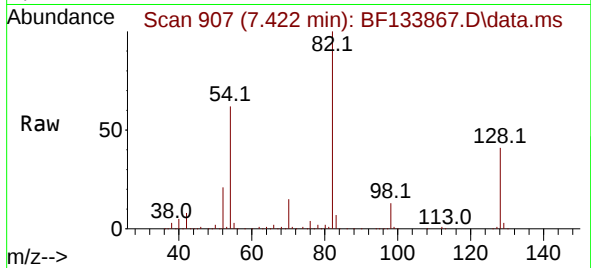
Tgt Ion: 82 Resp: 694257
Ion Ratio Lower Upper
82 100
128 41.2 34.2 51.2
54 62.2 46.5 69.7



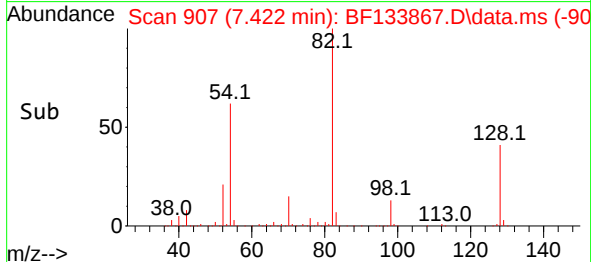
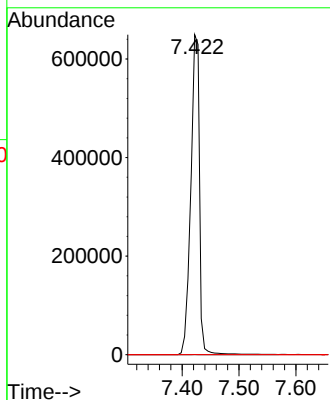


#25
Isophorone
Concen: 47.533 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

Instrument :
BNA_F
ClientSampleId :

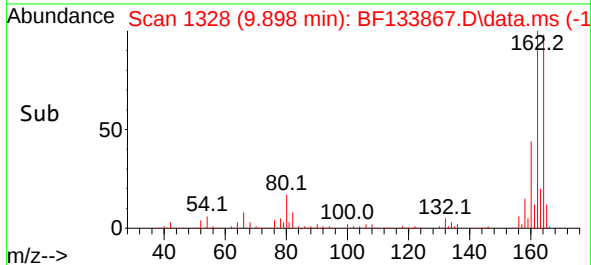
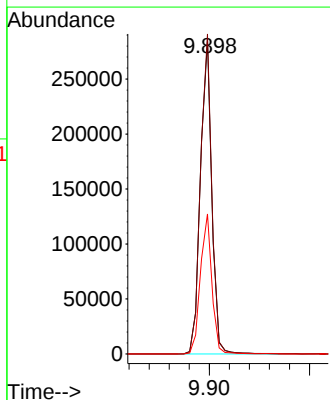
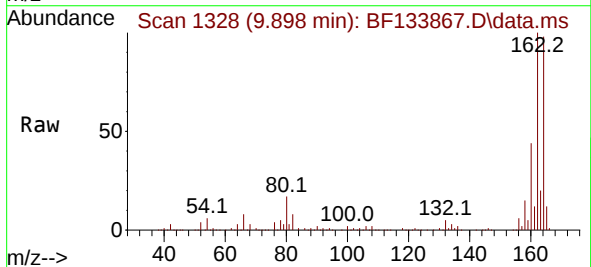


Tgt Ion: 82 Resp: 692275
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

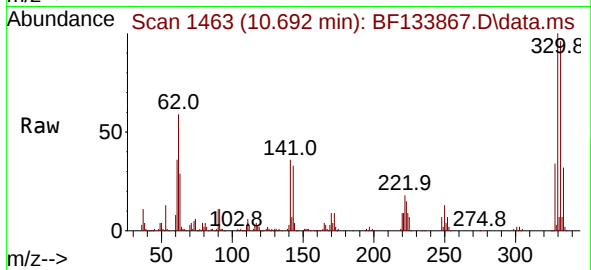
Tgt Ion:164 Resp: 225165
Ion Ratio Lower Upper
164 100
162 102.2 80.8 121.2
160 44.7 36.7 55.1



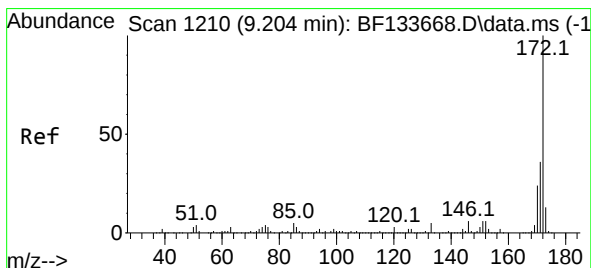
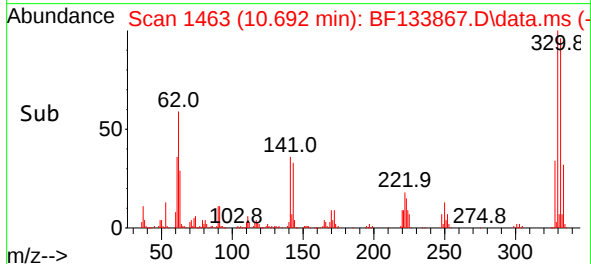
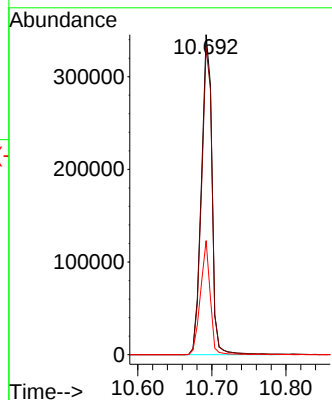


#42
2,4,6-Tribromophenol
Concen: 119.777 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

Instrument :
BNA_F
ClientSampleId :

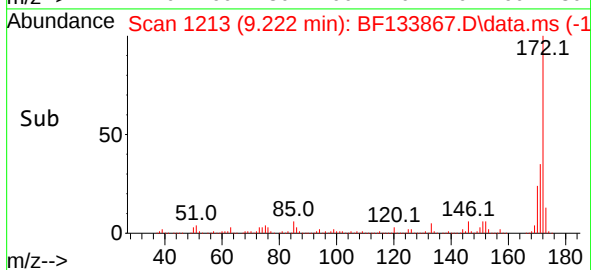
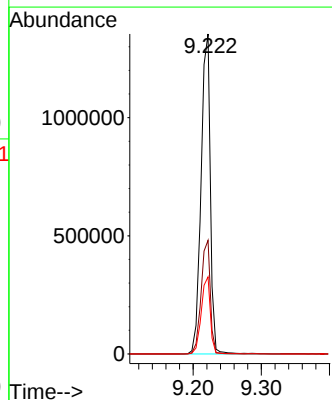
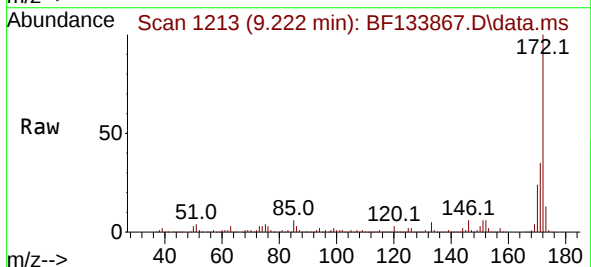


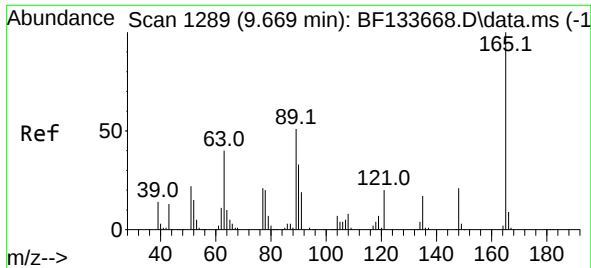
Tgt Ion:330 Resp: 341387
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 32.7 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 80.776 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF133867.D
Acq: 21 Jun 2023 13:04

Tgt Ion:172 Resp: 1279472
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.1 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.120 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.218 min

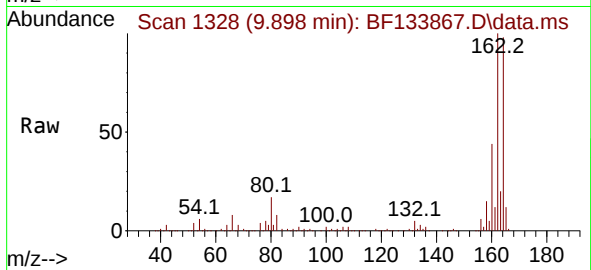
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Acq: 21 Jun 2023 13:04

Instrument :

BNA_F

ClientSampleId :



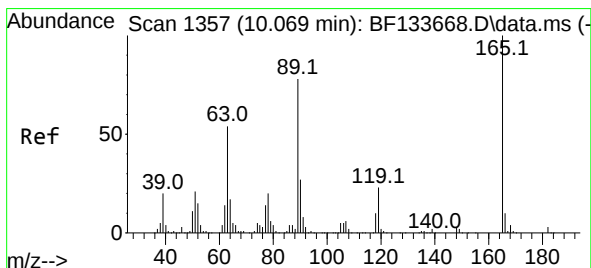
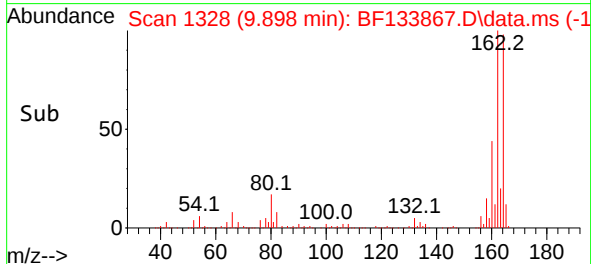
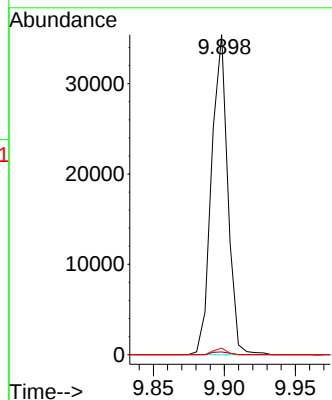
Tgt Ion:165 Resp: 28167

Ion Ratio Lower Upper

165 100

63 0.9 42.1 63.1#

89 2.0 40.9 61.3#



#57

2,4-Dinitrotoluene

Concen: 6.384 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.188 min

Lab File: BF133867.D

Acq: 21 Jun 2023 13:04

Tgt Ion:165 Resp: 28167

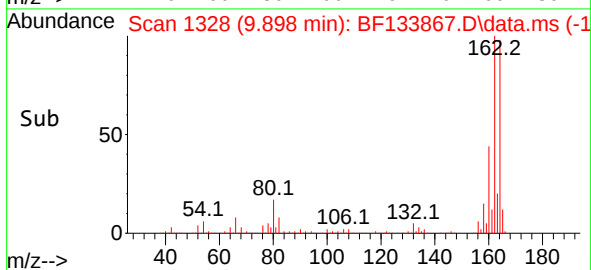
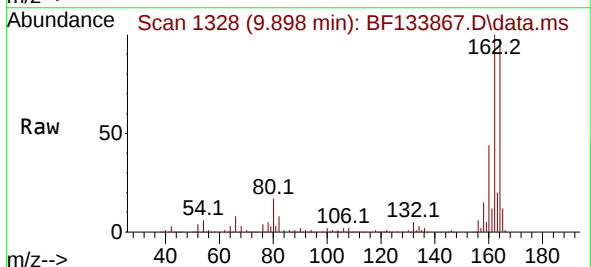
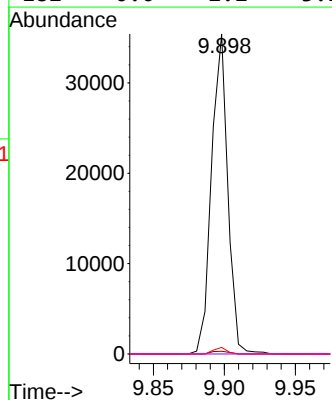
Ion Ratio Lower Upper

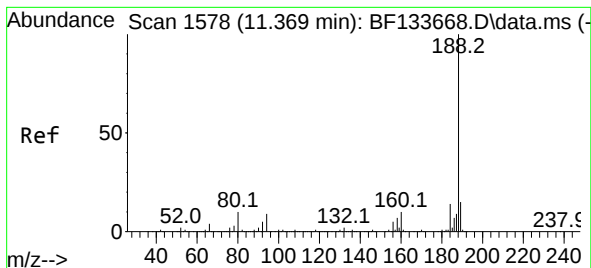
165 100

63 0.9 43.0 64.6#

89 2.0 62.6 93.8#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133867.D

Acq: 21 Jun 2023 13:04

Instrument :

BNA_F

ClientSampleId :

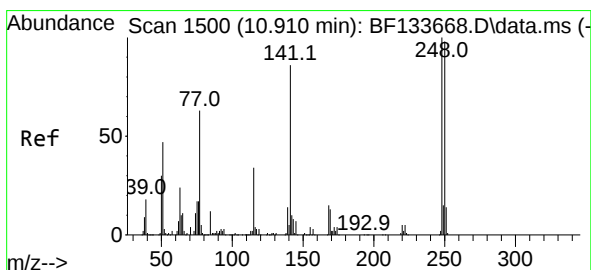
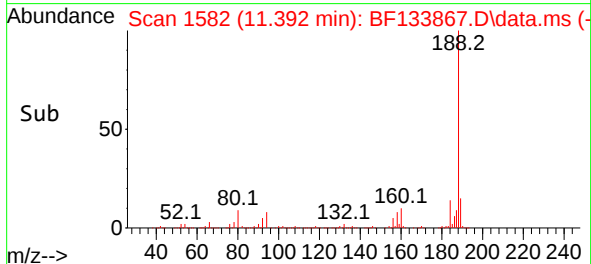
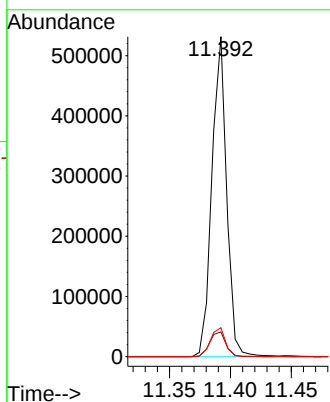
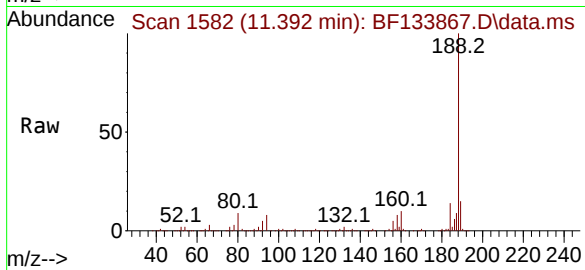
Tgt Ion:188 Resp: 448525

Ion Ratio Lower Upper

188 100

94 7.8 6.8 10.2

80 9.0 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 4.233 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.241 min

Lab File: BF133867.D

Acq: 21 Jun 2023 13:04

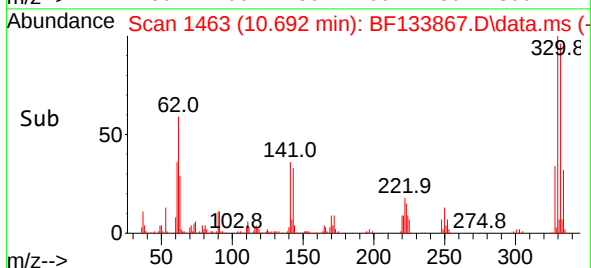
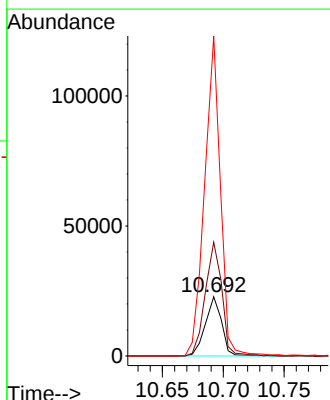
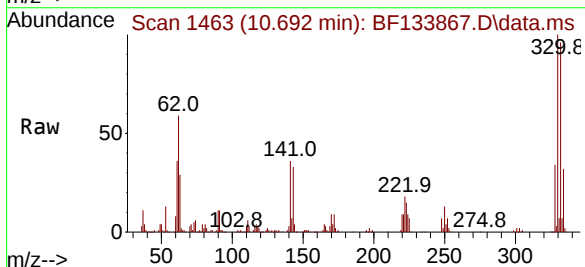
Tgt Ion:248 Resp: 21191

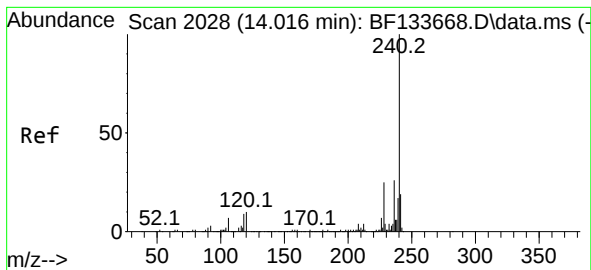
Ion Ratio Lower Upper

248 100

250 191.8 78.3 117.5#

141 539.8 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF133867.D

Acq: 21 Jun 2023 13:04

Instrument :

BNA_F

ClientSampleId :

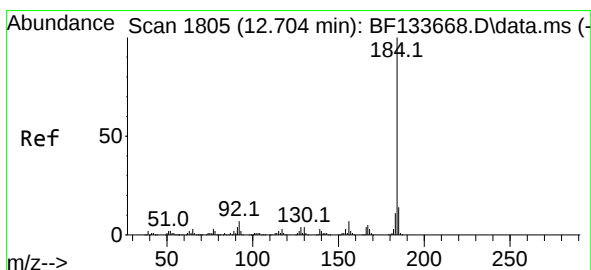
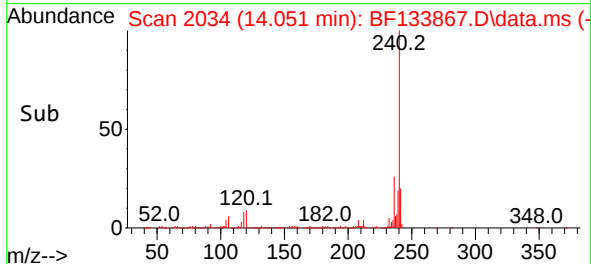
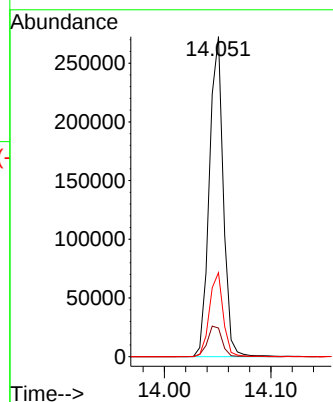
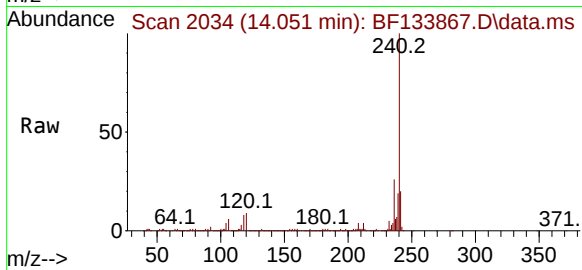
Tgt Ion:240 Resp: 248292

Ion Ratio Lower Upper

240 100

120 8.9 8.1 12.1

236 26.3 20.5 30.7



#77

Benzidine

Concen: 2.477 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.259 min

Lab File: BF133867.D

Acq: 21 Jun 2023 13:04

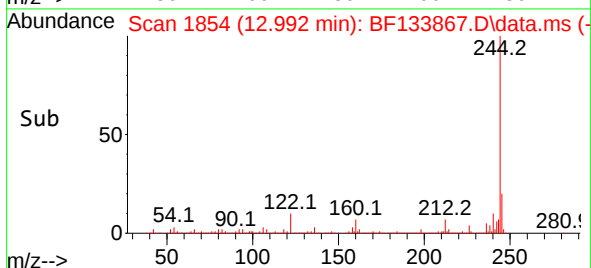
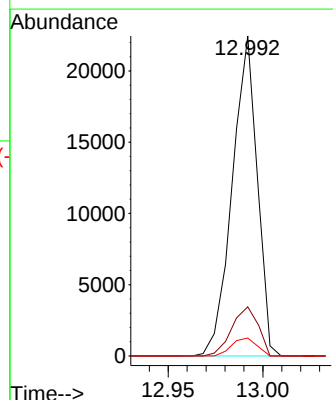
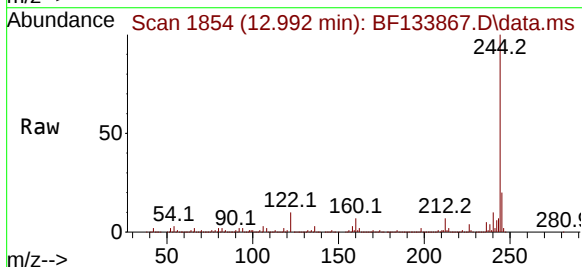
Tgt Ion:184 Resp: 20637

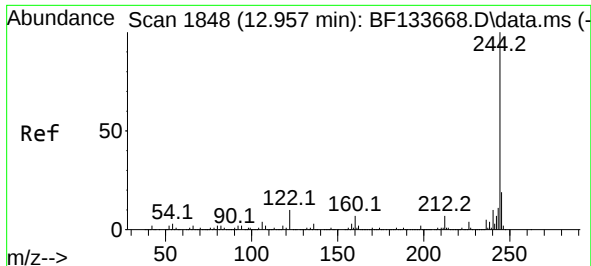
Ion Ratio Lower Upper

184 100

185 15.3 11.6 17.4

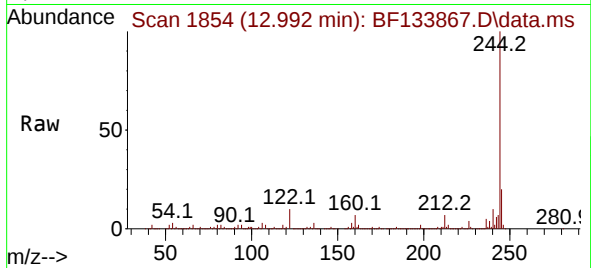
183 5.6 8.4 12.6#





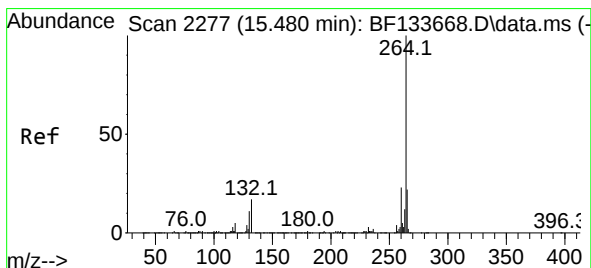
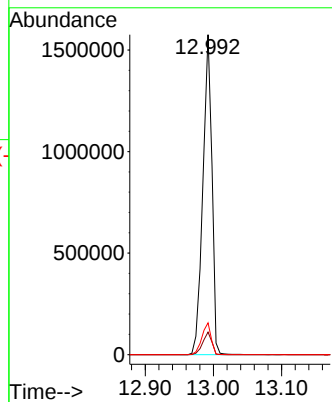
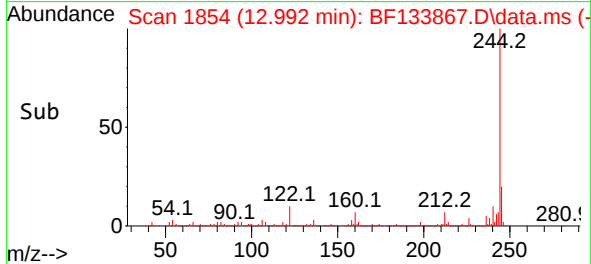
#79
 Terphenyl-d14
 Concen: 90.684 ng
 RT: 12.992 min Scan# 1848
 Delta R.T. 0.006 min
 Lab File: BF133867.D
 Acq: 21 Jun 2023 13:04

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1455141

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	10.0	8.1	12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF133867.D
 Acq: 21 Jun 2023 13:04

Tgt Ion:264 Resp: 225472

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.8	17.8	26.6

