

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133699.D
 Acq On : 10 Jun 2023 04:38
 Operator : CG\JU
 Sample : 03096-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 10 04:59:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

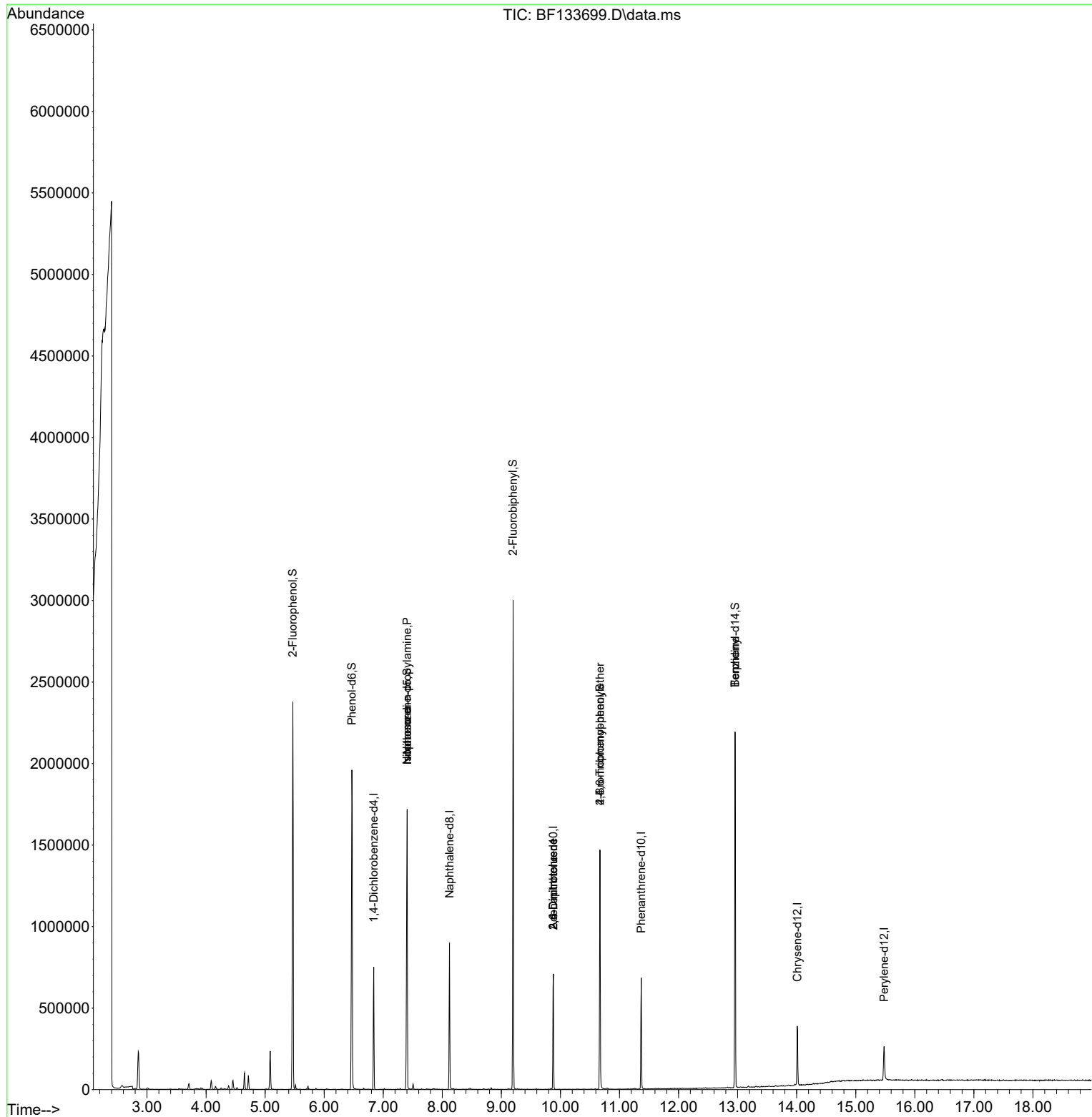
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	98984	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	341812	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	134928	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	232668	20.000	ng	0.00
76) Chrysene-d12	14.010	240	123096	20.000	ng	0.00
86) Perylene-d12	15.480	264	103939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	624900	109.905	ng	0.02
7) Phenol-d6	6.469	99	673954	91.063	ng	0.00
23) Nitrobenzene-d5	7.404	82	506835	80.763	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	167370	97.995	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	849902	89.540	ng	0.00
79) Terphenyl-d14	12.957	244	733975	92.262	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	73204	15.546	ng	# 77
25) Isophorone	7.404	82	506914	43.998	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	16959	8.158	ng	# 28
57) 2,4-Dinitrotoluene	9.881	165	16959	6.415	ng	# 19
67) 4-Bromophenyl-phenylether	10.669	248	10400	4.005	ng	# 1
77) Benzidine	12.957	184	11153	2.700	ng	# 91

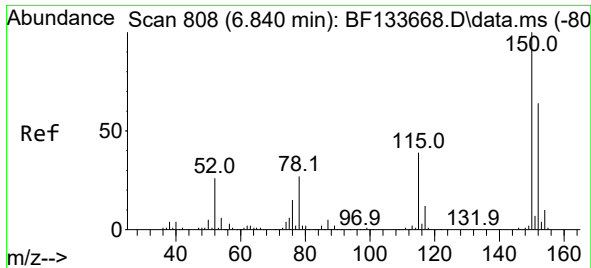
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133699.D
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BNA_F
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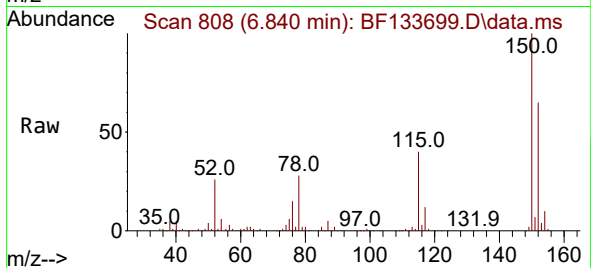
Quant Time: Jun 10 04:59:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



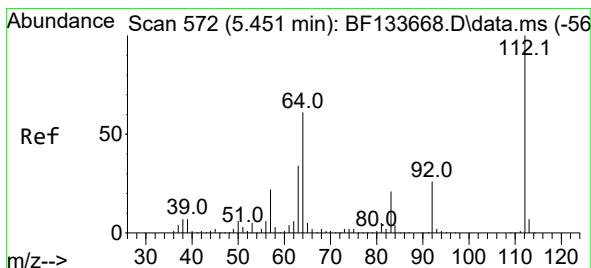
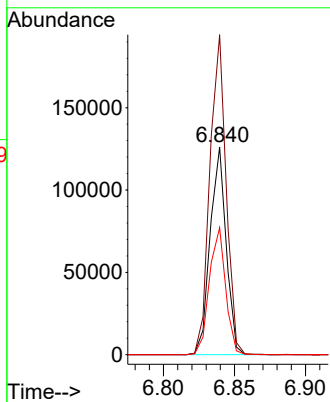
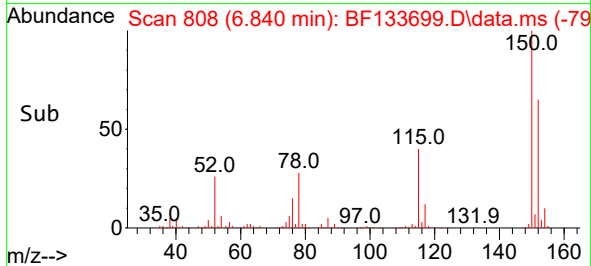


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133699.D
Acq: 10 Jun 2023 04:38

Instrument :
BNA_F
ClientSampleId :

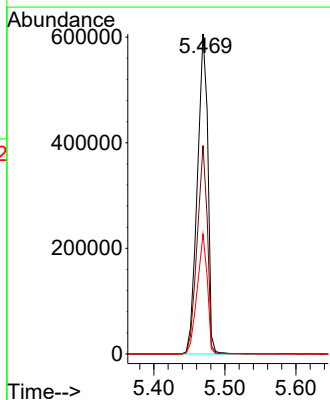
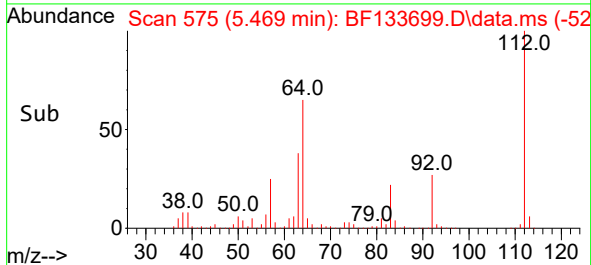
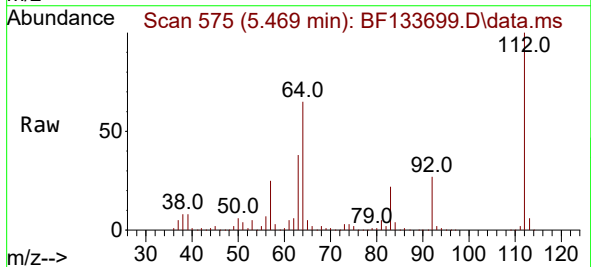


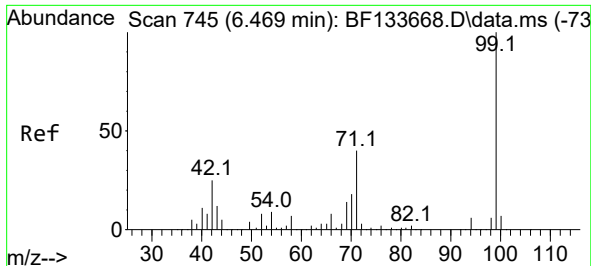
Tgt Ion:152 Resp: 98984
Ion Ratio Lower Upper
152 100
150 154.1 124.3 186.5
115 61.2 48.5 72.7



#5
2-Fluorophenol
Concen: 109.905 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.018 min
Lab File: BF133699.D
Acq: 10 Jun 2023 04:38

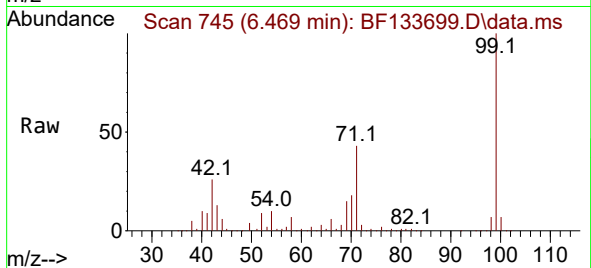
Tgt Ion:112 Resp: 624900
Ion Ratio Lower Upper
112 100
64 65.2 49.0 73.4
63 37.5 26.8 40.2



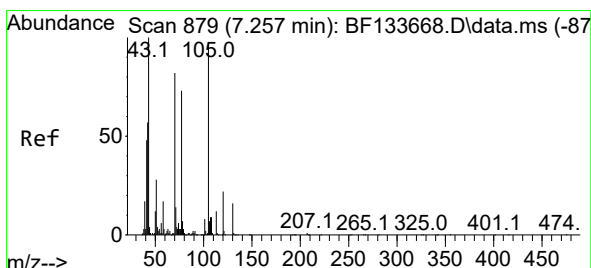
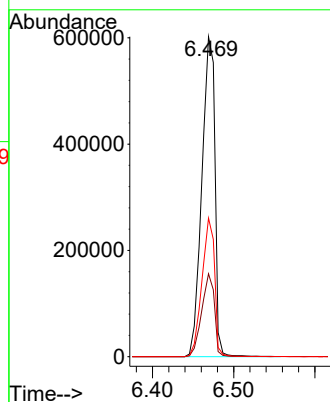
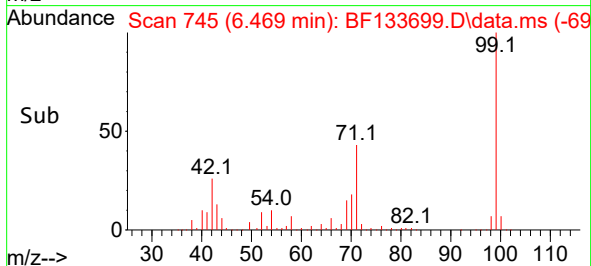


#7
Phenol-d6
Concen: 91.063 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133699.D
Acq: 10 Jun 2023 04:38

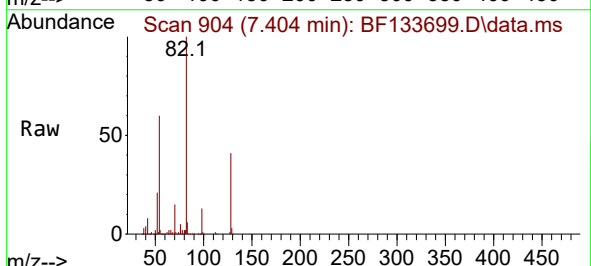
Instrument :
BNA_F
ClientSampleId :



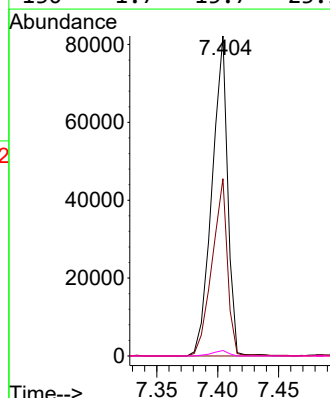
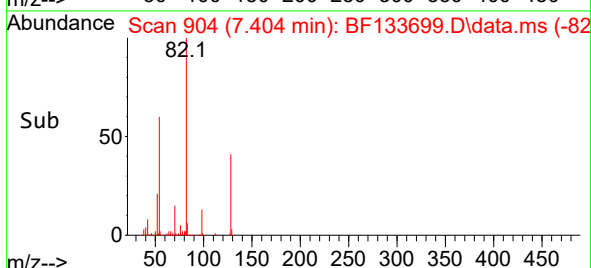
Tgt Ion: 99 Resp: 673954
Ion Ratio Lower Upper
99 100
42 25.9 19.9 29.9
71 43.3 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.546 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF133699.D
Acq: 10 Jun 2023 04:38



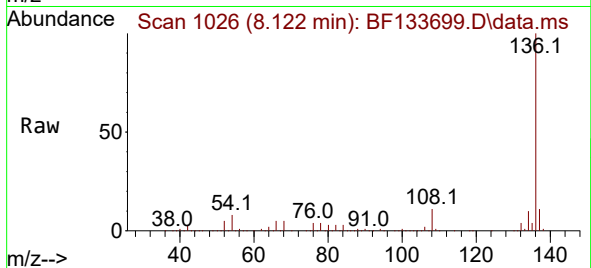
Tgt Ion: 70 Resp: 73204
Ion Ratio Lower Upper
70 100
42 55.4 55.8 83.8#
101 0.0 8.1 12.1#
130 1.7 15.7 23.5#



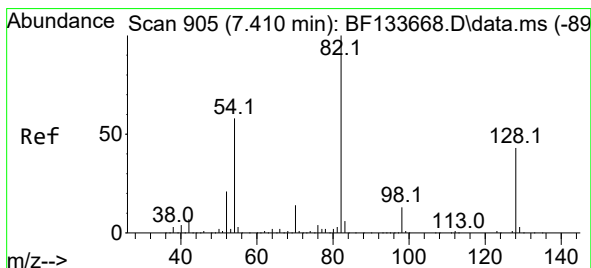
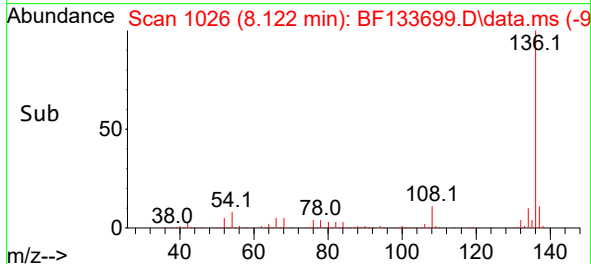
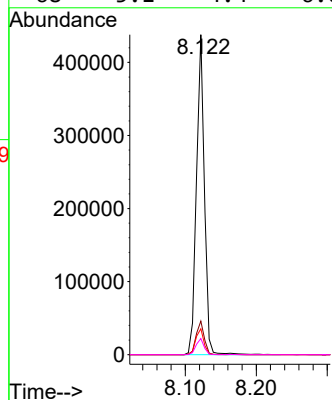


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133699.D
Acq: 10 Jun 2023 04:38

Instrument :
BNA_F
ClientSampleId :

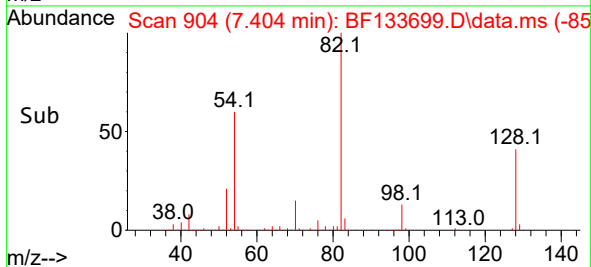
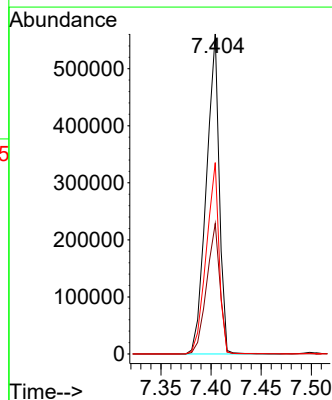
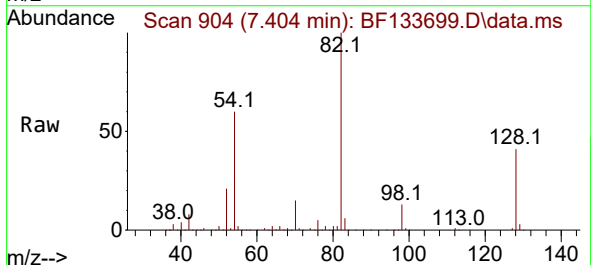


Tgt Ion:136 Resp: 341812
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.1 7.4 11.0
68 5.1 4.4 6.6



#23
Nitrobenzene-d5
Concen: 80.763 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF133699.D
Acq: 10 Jun 2023 04:38

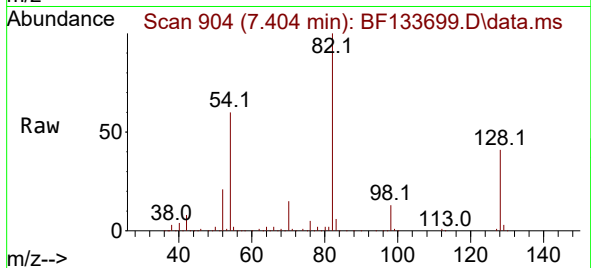
Tgt Ion: 82 Resp: 506835
Ion Ratio Lower Upper
82 100
128 40.8 34.2 51.2
54 59.8 46.5 69.7



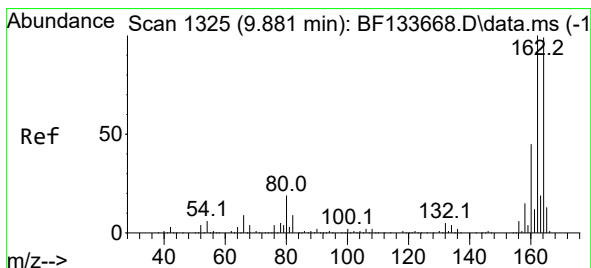
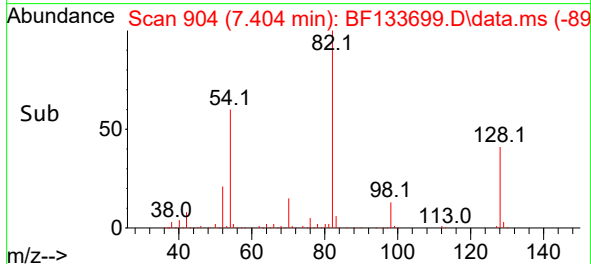
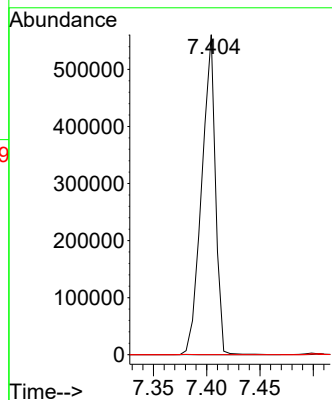


#25
Isophorone
Concen: 43.998 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF133699.D
Acq: 10 Jun 2023 04:38

Instrument :
BNA_F
ClientSampleId :

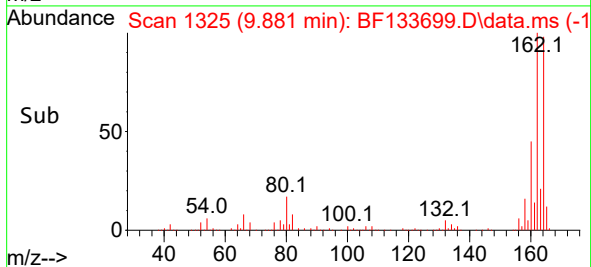
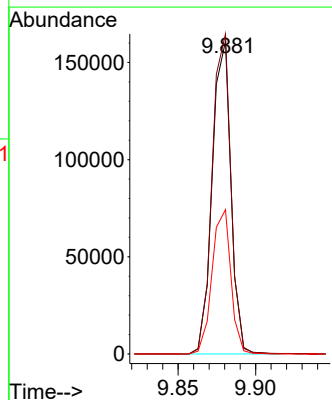
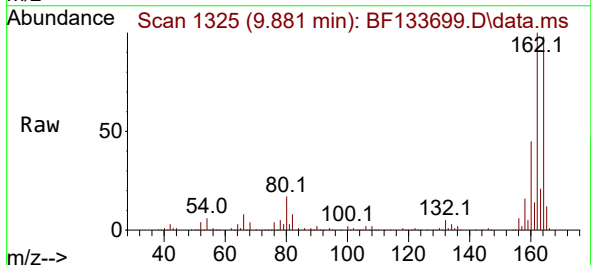


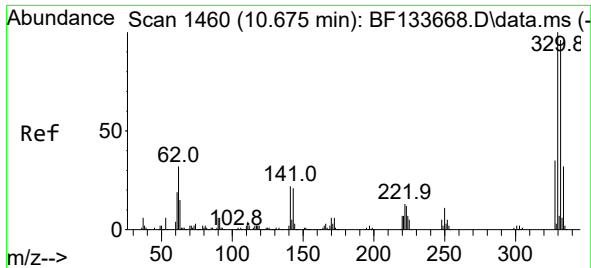
Tgt Ion: 82 Resp: 506914
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF133699.D
Acq: 10 Jun 2023 04:38

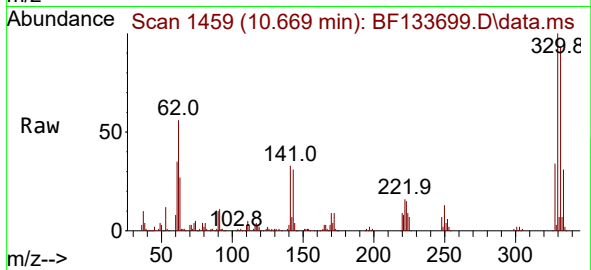
Tgt Ion:164 Resp: 134928
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 46.2 36.7 55.1



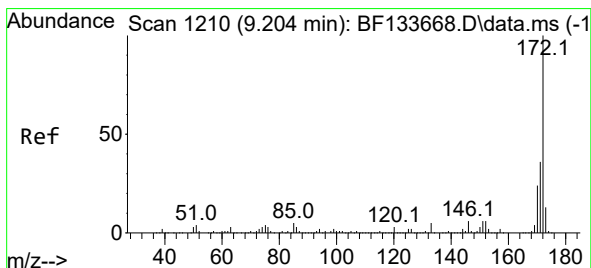
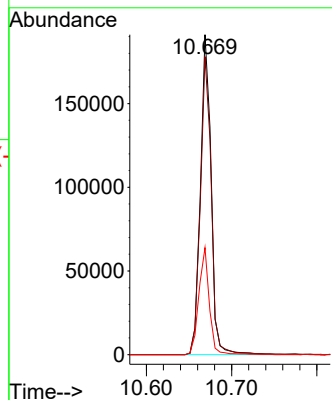
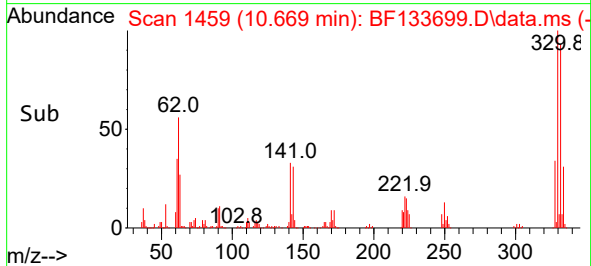


#42
2,4,6-Tribromophenol
Concen: 97.995 ng
RT: 10.669 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133699.D
Acq: 10 Jun 2023 04:38

Instrument :
BNA_F
ClientSampleId :

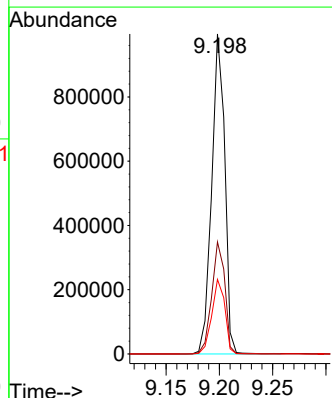
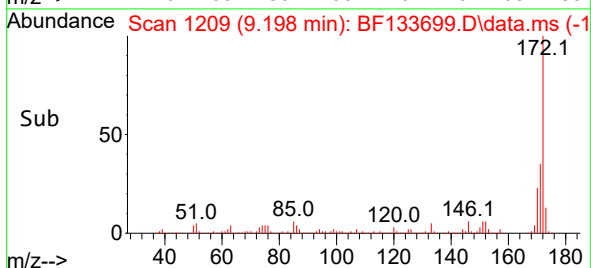
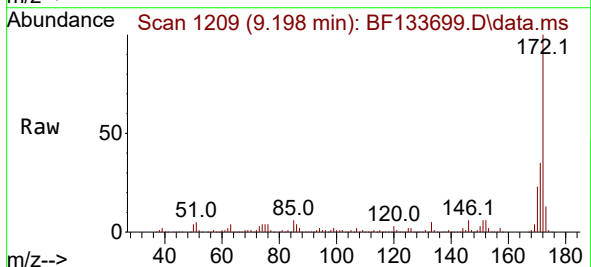


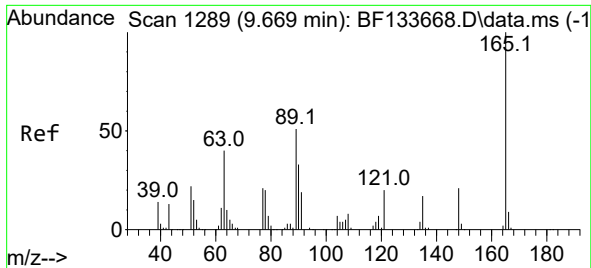
Tgt Ion: 330 Resp: 167370
Ion Ratio Lower Upper
330 100
332 94.9 77.2 115.8
141 32.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 89.540 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133699.D
Acq: 10 Jun 2023 04:38

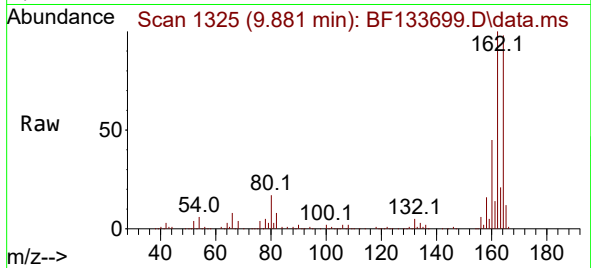
Tgt Ion: 172 Resp: 849902
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.3 19.1 28.7



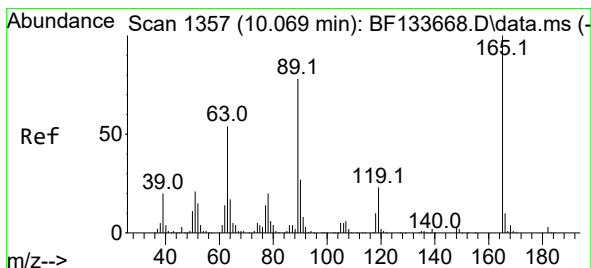
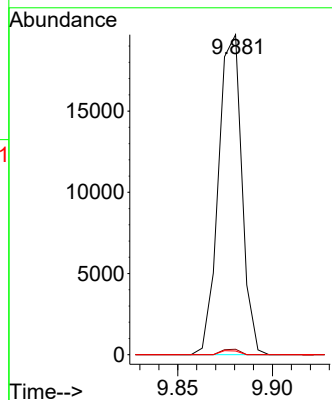
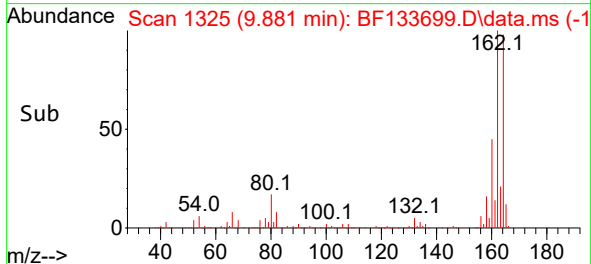


#51
2,6-Dinitrotoluene
Concen: 8.158 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.212 min
Lab File: BF133699.D
Acq: 10 Jun 2023 04:38

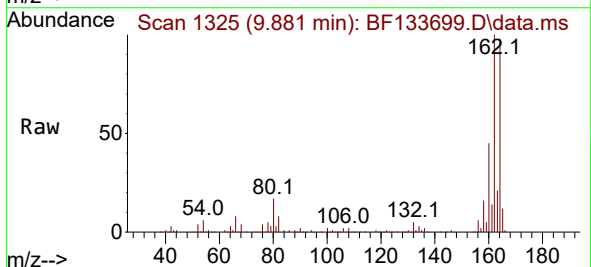
Instrument :
BNA_F
ClientSampleId :



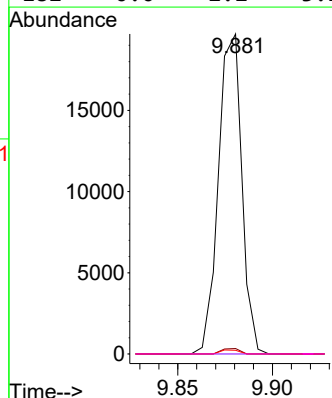
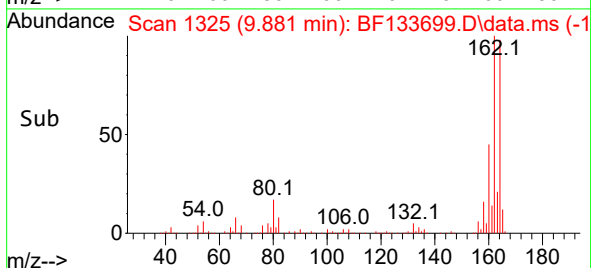
Tgt Ion:165 Resp: 16959
Ion Ratio Lower Upper
165 100
63 1.7 42.1 63.1#
89 1.1 40.9 61.3#

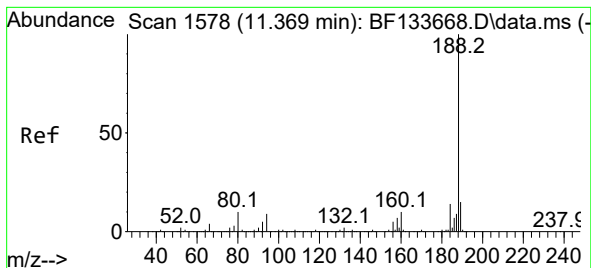


#57
2,4-Dinitrotoluene
Concen: 6.415 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.188 min
Lab File: BF133699.D
Acq: 10 Jun 2023 04:38



Tgt Ion:165 Resp: 16959
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 1.1 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133699.D

Acq: 10 Jun 2023 04:38

Instrument :

BNA_F

ClientSampleId :

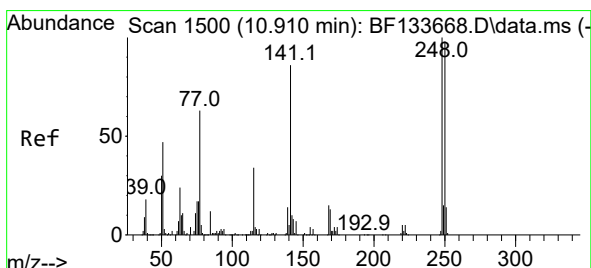
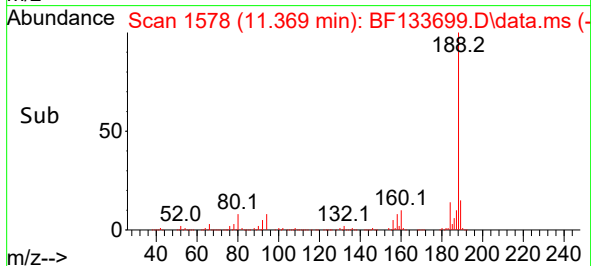
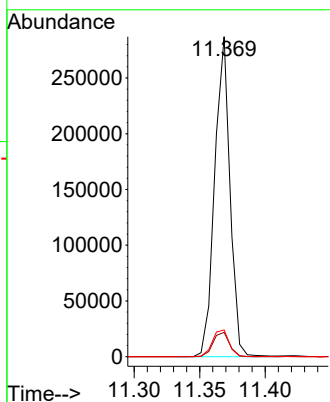
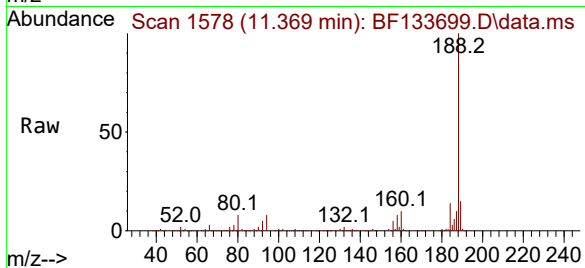
Tgt Ion:188 Resp: 232668

Ion Ratio Lower Upper

188 100

94 7.6 6.8 10.2

80 8.3 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 4.005 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.241 min

Lab File: BF133699.D

Acq: 10 Jun 2023 04:38

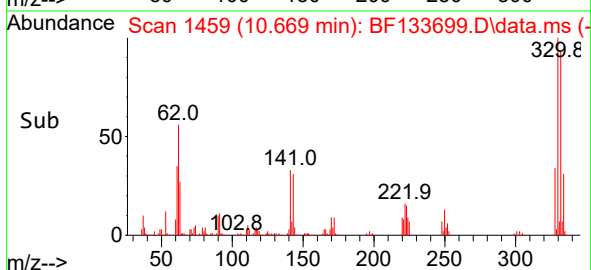
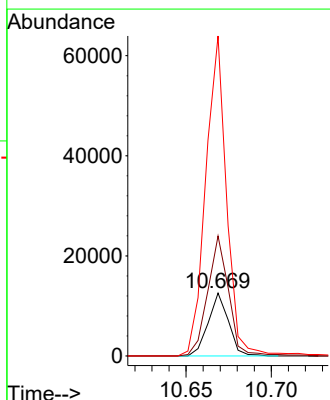
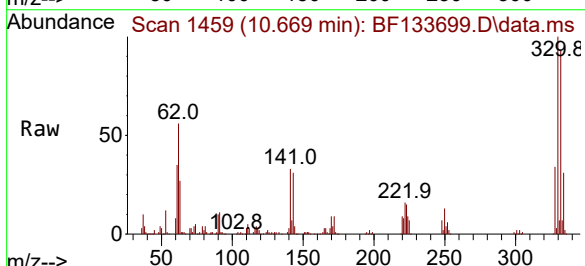
Tgt Ion:248 Resp: 10400

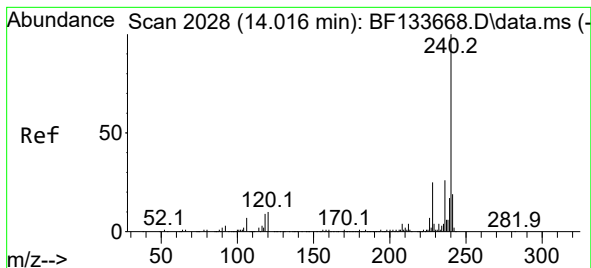
Ion Ratio Lower Upper

248 100

250 190.6 78.3 117.5#

141 508.5 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133699.D

Acq: 10 Jun 2023 04:38

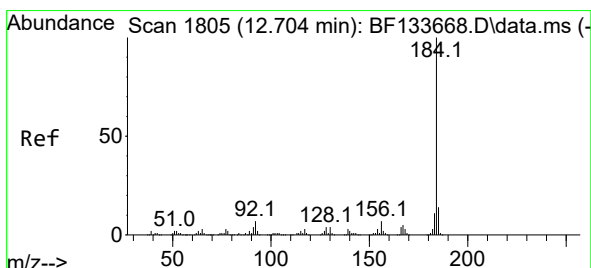
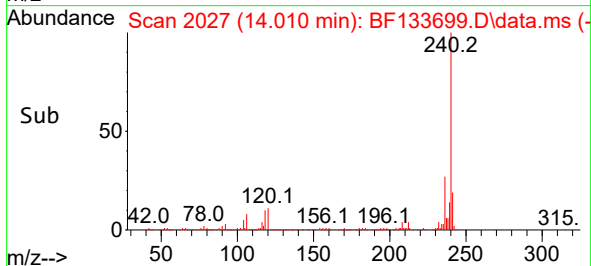
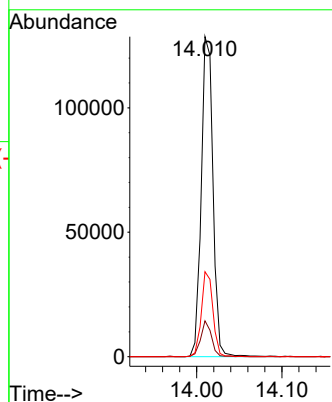
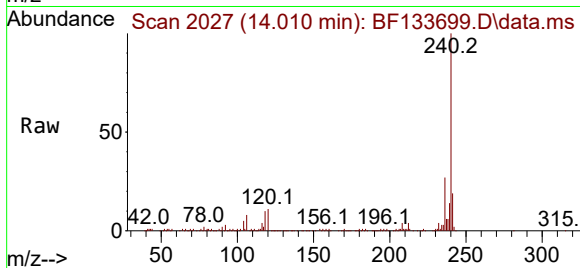
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:240 Resp: 123096

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	26.5	20.5	30.7



#77

Benzidine

Concen: 2.700 ng

RT: 12.957 min Scan# 1848

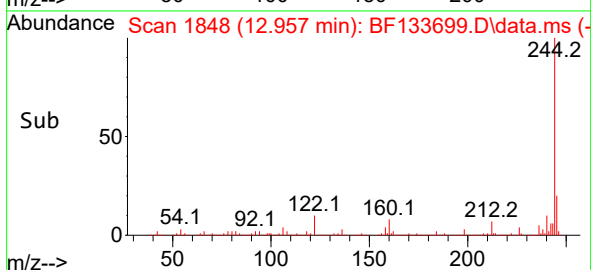
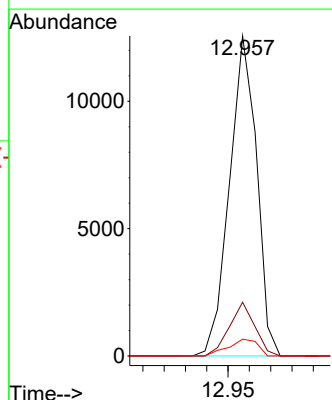
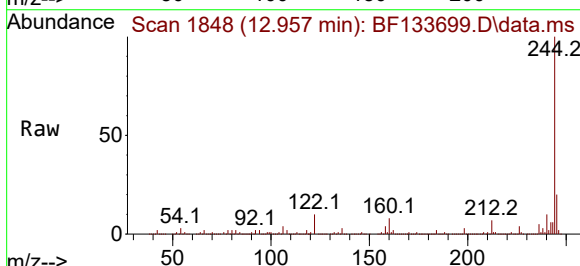
Delta R.T. 0.253 min

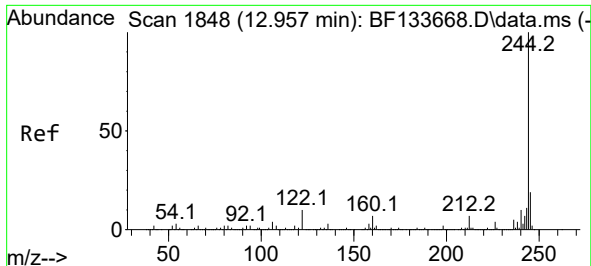
Lab File: BF133699.D

Acq: 10 Jun 2023 04:38

Tgt Ion:184 Resp: 11153

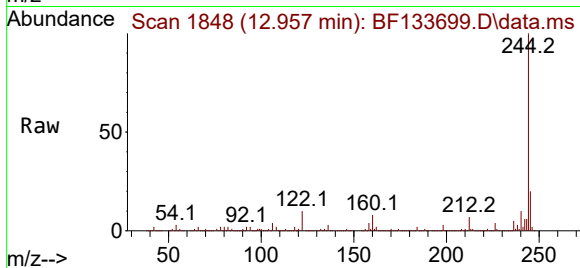
Ion	Ratio	Lower	Upper
184	100		
185	16.8	11.6	17.4
183	5.3	8.4	12.6#





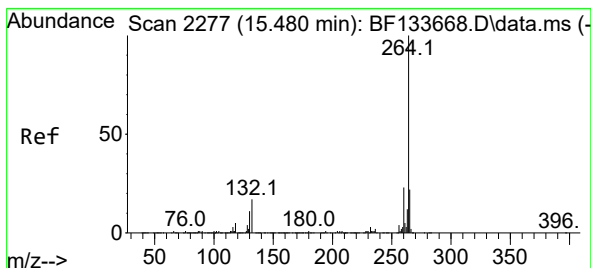
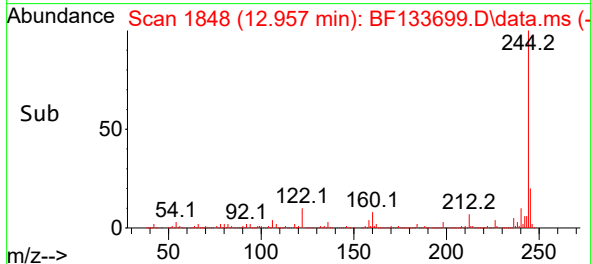
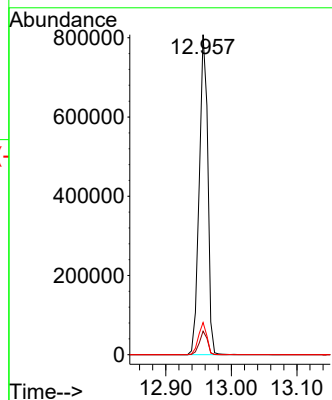
#79
 Terphenyl-d14
 Concen: 92.262 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133699.D
 Acq: 10 Jun 2023 04:38

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 733975

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.2
122	10.0	8.1	12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.000 min
 Lab File: BF133699.D
 Acq: 10 Jun 2023 04:38

Tgt Ion:264 Resp: 103939

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.2
265	20.8	17.8	26.6

