

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133684.D
 Acq On : 09 Jun 2023 19:33
 Operator : CG\JU
 Sample : 03029-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Jun 09 22:25:47 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)

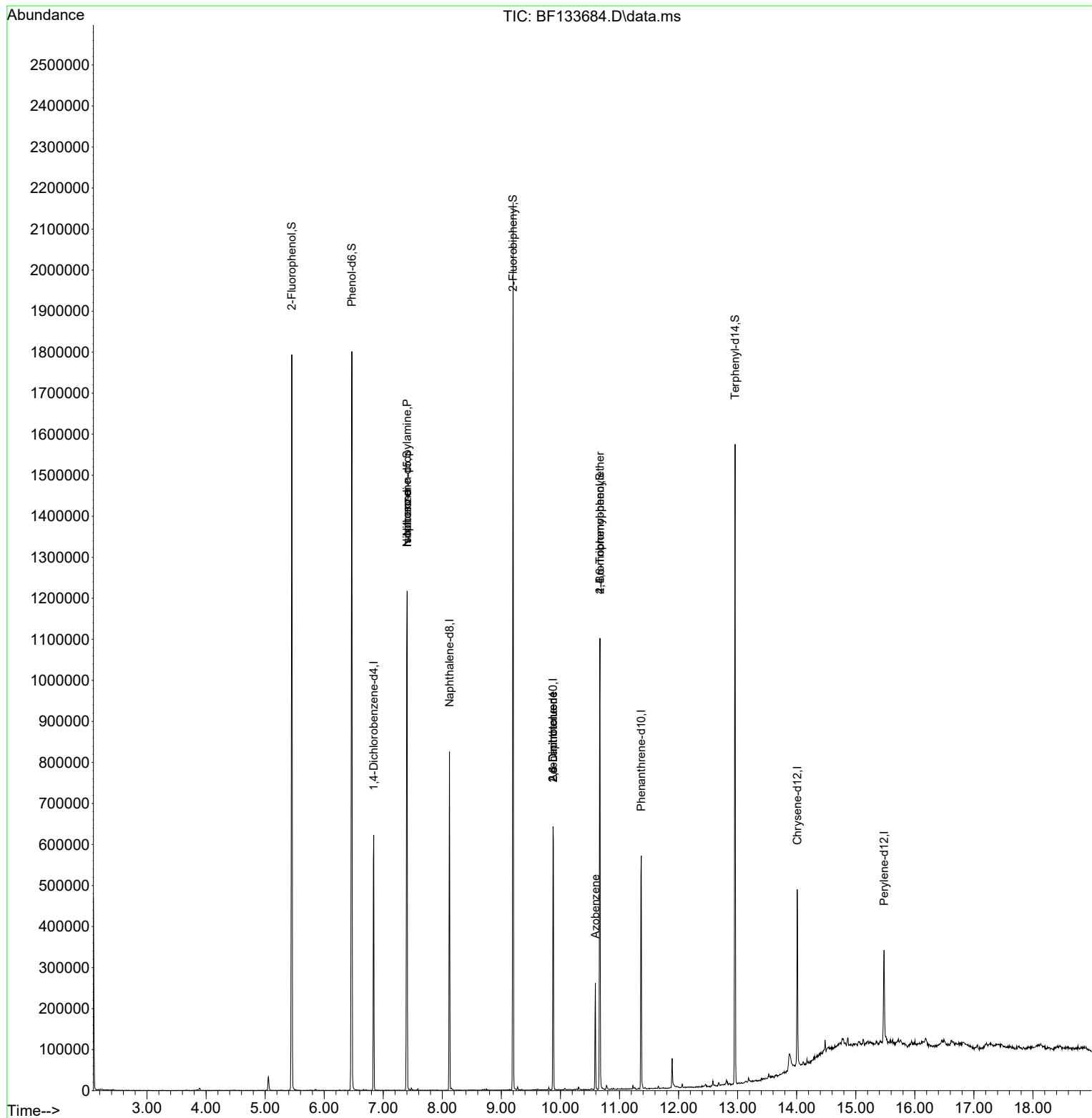
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	86042	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	301414	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	128616	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	207862	20.000	ng	0.00
76) Chrysene-d12	14.010	240	136921	20.000	ng	0.00
86) Perylene-d12	15.480	264	101371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	454376	91.935	ng	0.00
7) Phenol-d6	6.469	99	544933	84.705	ng	0.00
23) Nitrobenzene-d5	7.404	82	360137	65.078	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	125355	76.997	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	563696	62.302	ng	0.00
79) Terphenyl-d14	12.957	244	498219	56.304	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	51275	12.527	ng	Qvalue # 75
25) Isophorone	7.404	82	360133	35.448	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	15922	8.035	ng	# 28
57) 2,4-Dinitrotoluene	9.875	165	15922	6.318	ng	# 19
63) Azobenzene	10.592	77	39491	4.269	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	7690	3.315	ng	# 1

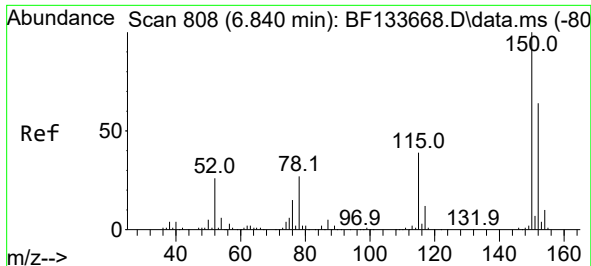
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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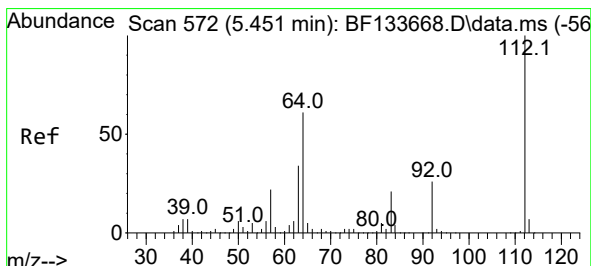
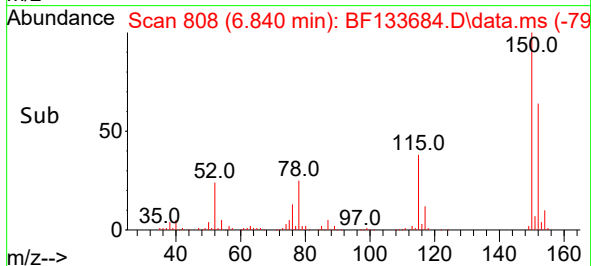
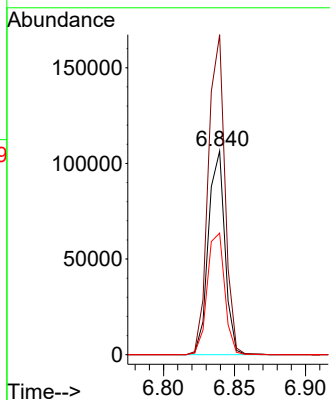
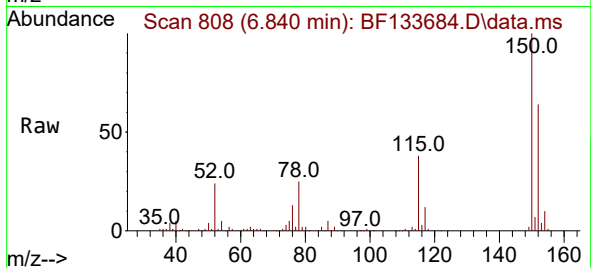




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

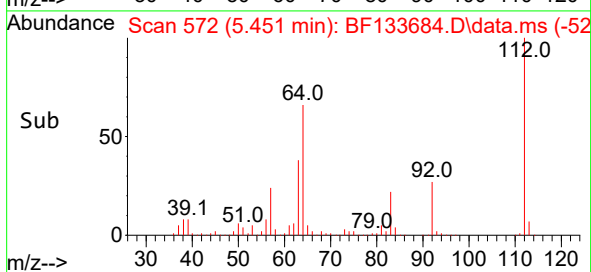
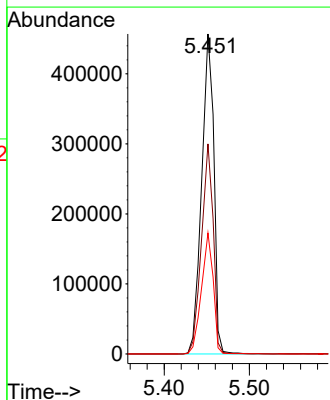
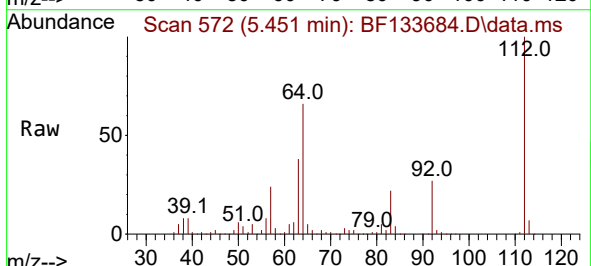
Instrument :
BNA_F
ClientSampleId :
TP-6

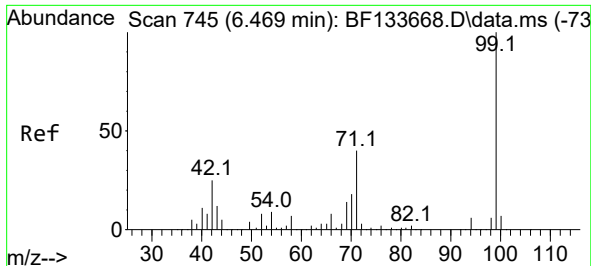
Tgt Ion:152 Resp: 86042
Ion Ratio Lower Upper
152 100
150 157.1 124.3 186.5
115 59.7 48.5 72.7



#5
2-Fluorophenol
Concen: 91.935 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

Tgt Ion:112 Resp: 454376
Ion Ratio Lower Upper
112 100
64 65.7 49.0 73.4
63 37.8 26.8 40.2

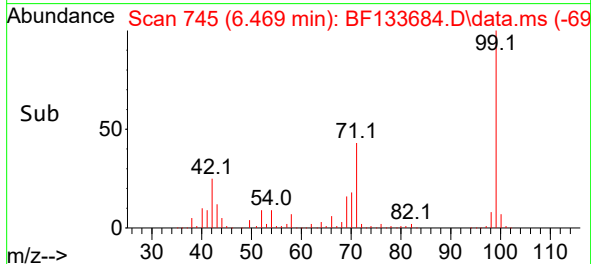
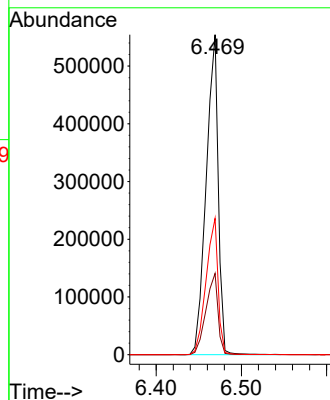
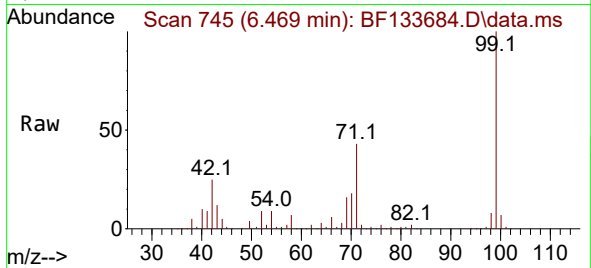




#7
Phenol-d6
Concen: 84.705 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

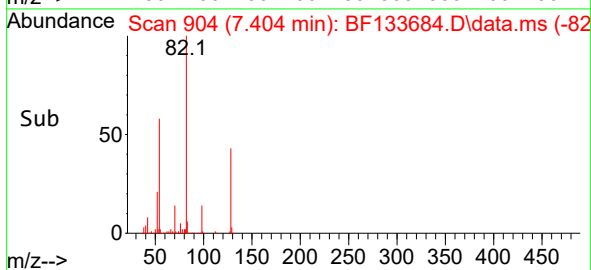
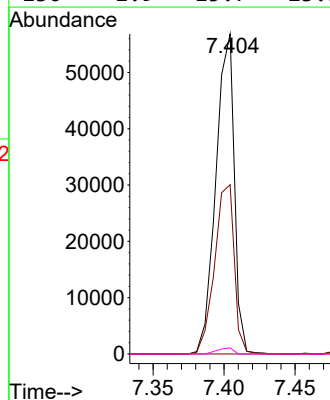
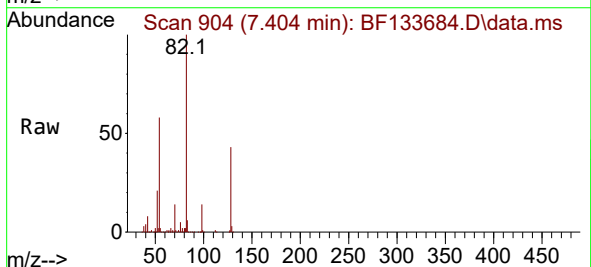
Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 99 Resp: 544933
Ion Ratio Lower Upper
99 100
42 25.4 19.9 29.9
71 42.6 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.527 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

Tgt Ion: 70 Resp: 51275
Ion Ratio Lower Upper
70 100
42 52.9 55.8 83.8#
101 0.0 8.1 12.1#
130 1.9 15.7 23.5#



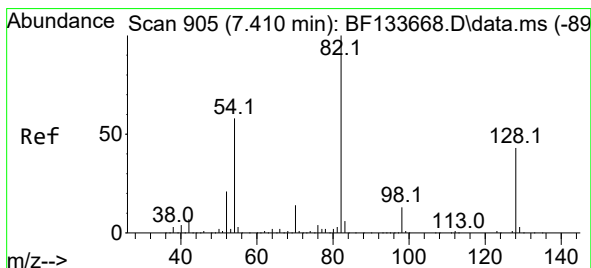
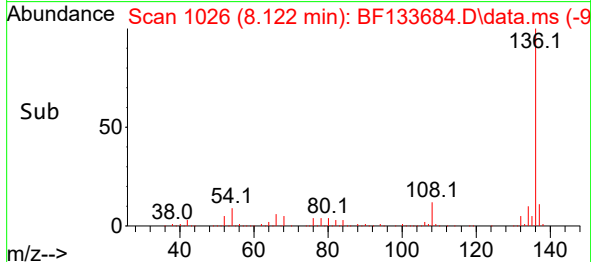
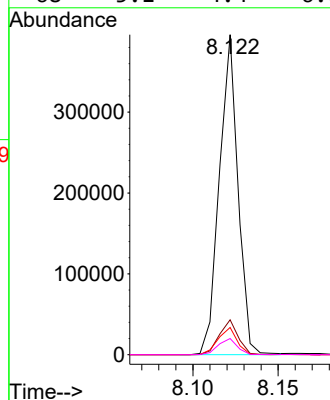
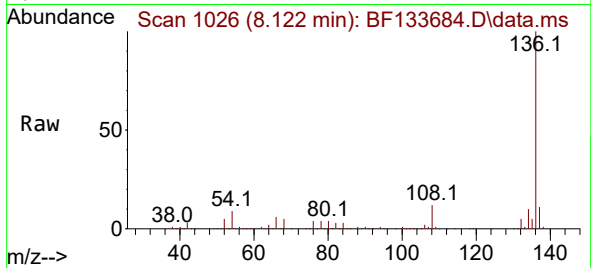


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:136 Resp: 301414

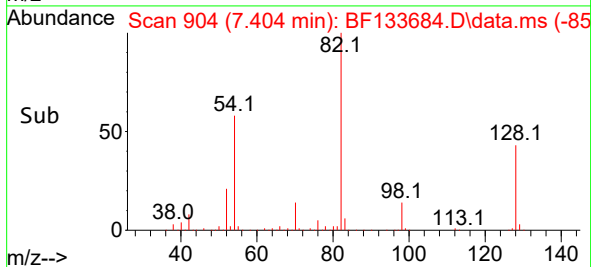
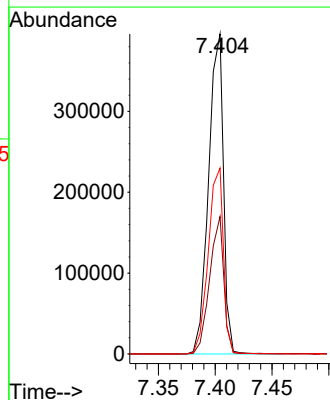
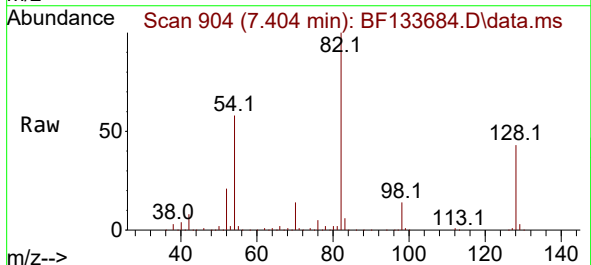
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	7.4	11.0
68	5.1	4.4	6.6



#23
Nitrobenzene-d5
Concen: 65.078 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

Tgt Ion: 82 Resp: 360137

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.2	51.2
54	58.1	46.5	69.7

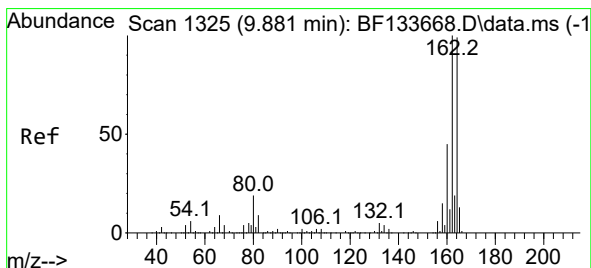
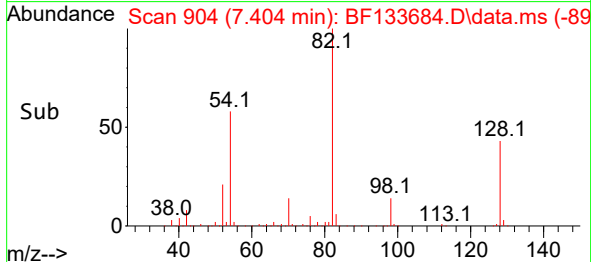
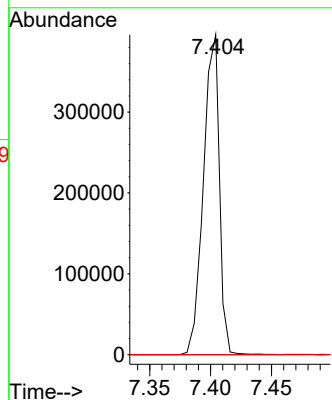
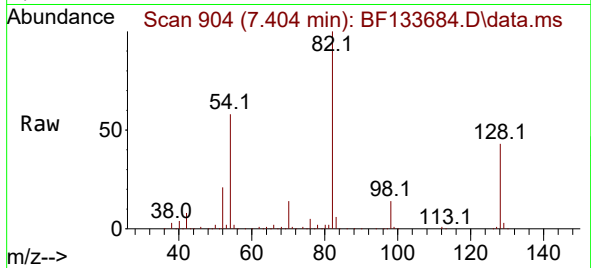




#25
Isophorone
Concen: 35.448 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

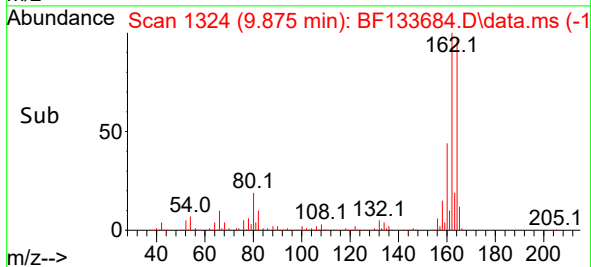
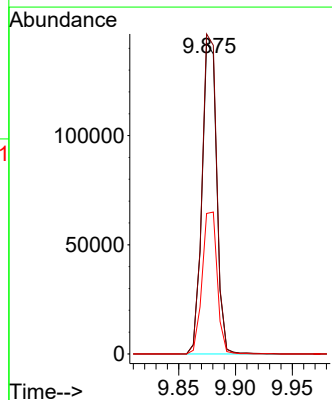
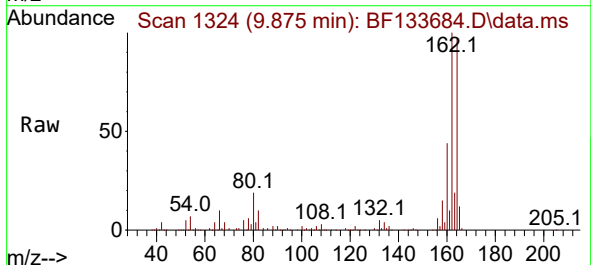
Instrument :
BNA_F
ClientSampleId :
TP-6

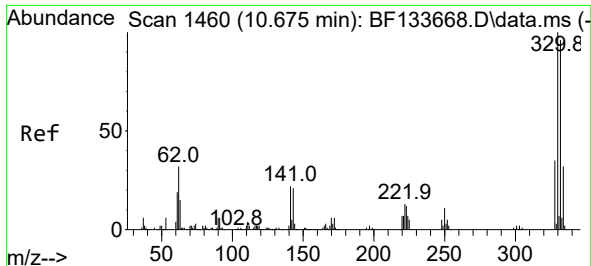
Tgt Ion: 82 Resp: 360133
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

Tgt Ion:164 Resp: 128616
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 45.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 76.997 ng

RT: 10.669 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133684.D

Acq: 09 Jun 2023 19:33

Instrument :

BNA_F

ClientSampleId :

TP-6

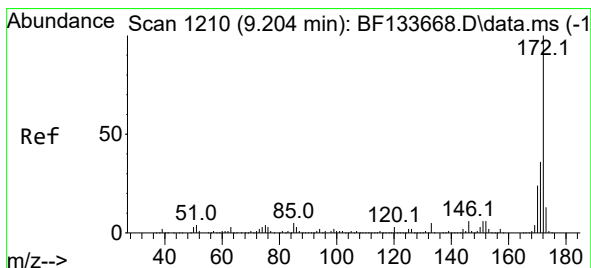
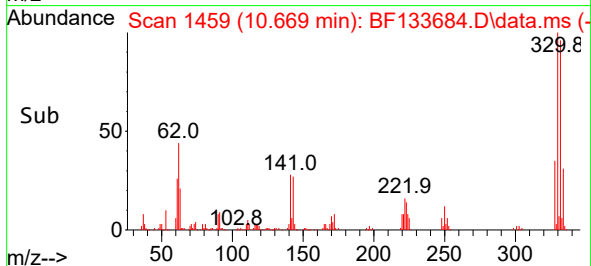
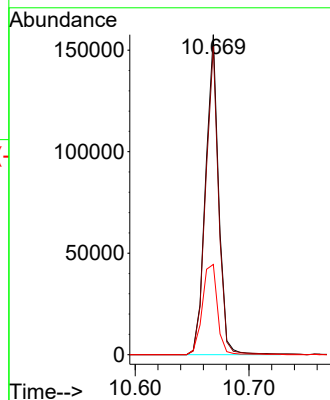
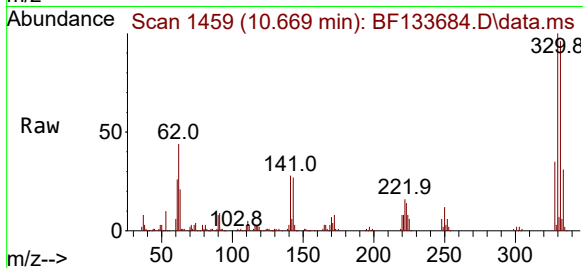
Tgt Ion:330 Resp: 125355

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

141 33.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 62.302 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133684.D

Acq: 09 Jun 2023 19:33

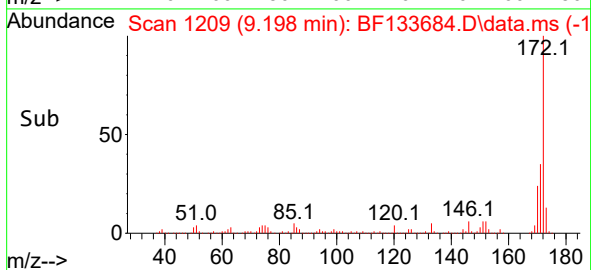
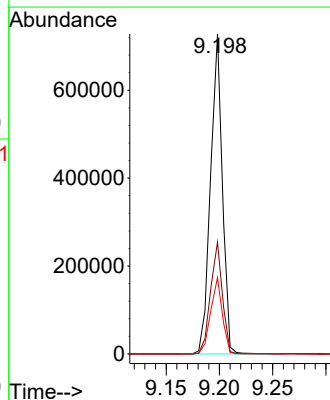
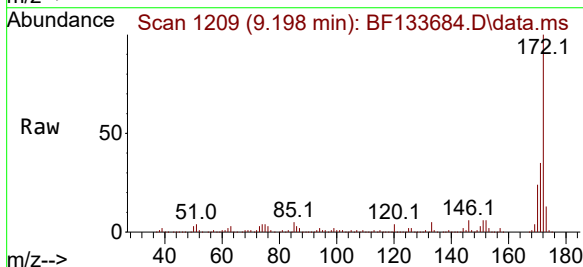
Tgt Ion:172 Resp: 563696

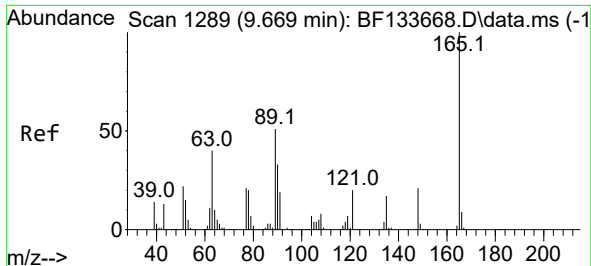
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.9 19.1 28.7

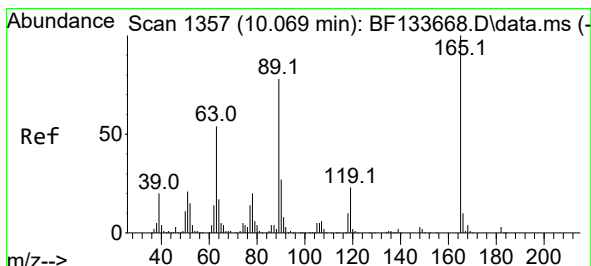
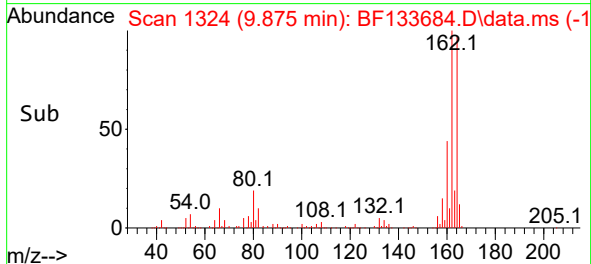
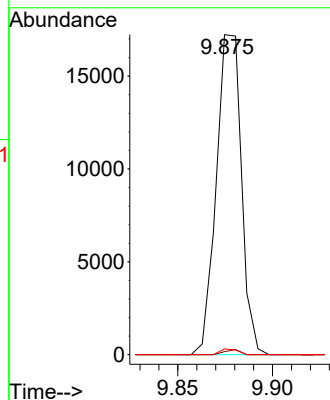
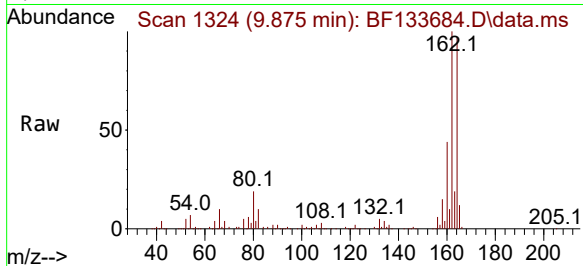




#51
2,6-Dinitrotoluene
Concen: 8.035 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

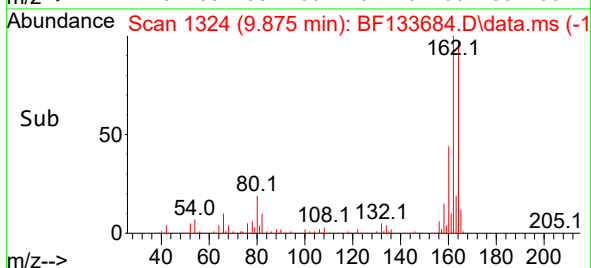
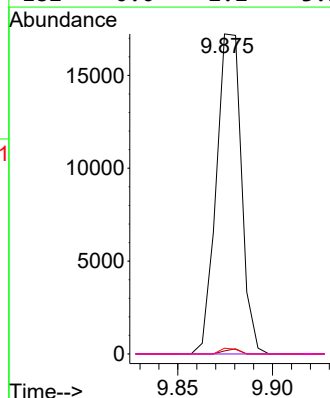
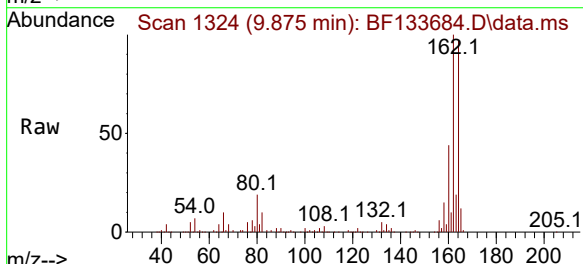
Instrument :
BNA_F
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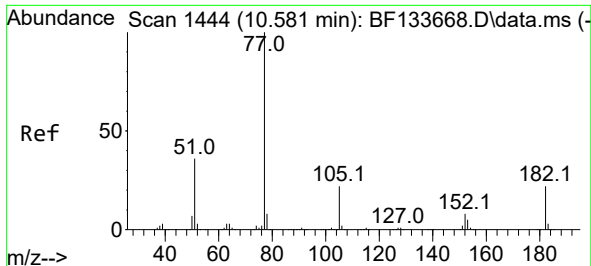
Tgt Ion:165 Resp: 15922
Ion Ratio Lower Upper
165 100
63 0.9 42.1 63.1#
89 1.8 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.318 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

Tgt Ion:165 Resp: 15922
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.8 62.6 93.8#
182 0.0 2.2 3.2#

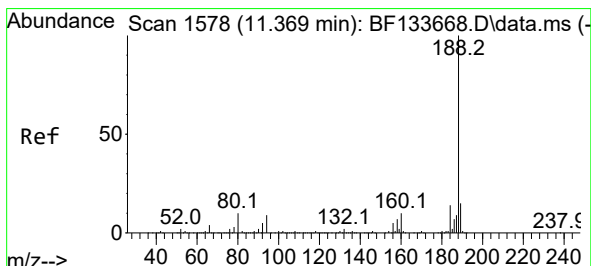
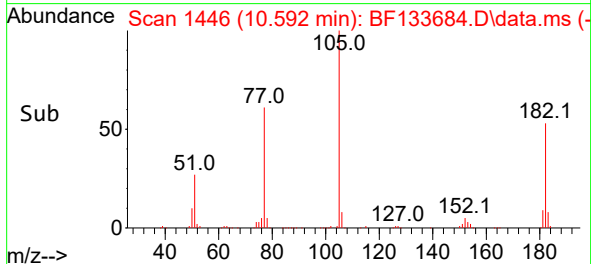
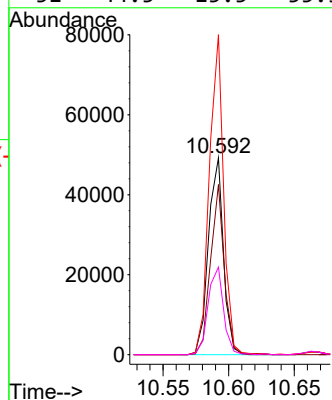
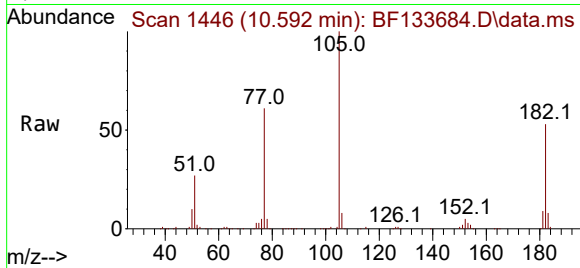




#63
Azobenzene
Concen: 4.269 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.011 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

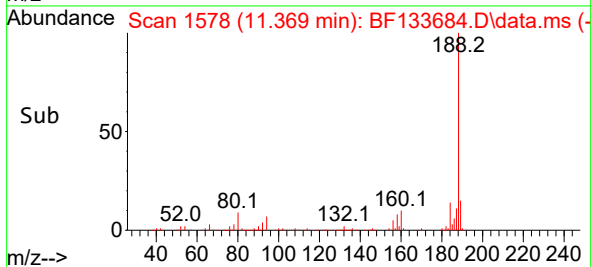
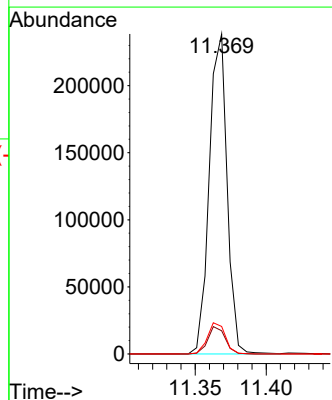
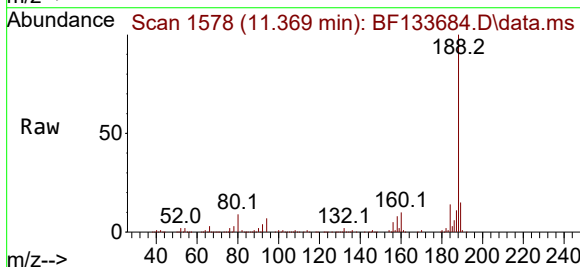
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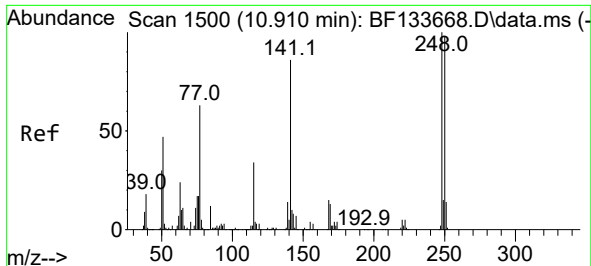
Tgt Ion: 77 Resp: 39491
Ion Ratio Lower Upper
77 100
182 86.5 1.6 41.6#
105 162.6 1.6 41.6#
51 44.5 15.5 55.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

Tgt Ion:188 Resp: 207862
Ion Ratio Lower Upper
188 100
94 7.3 6.8 10.2
80 8.6 7.8 11.6

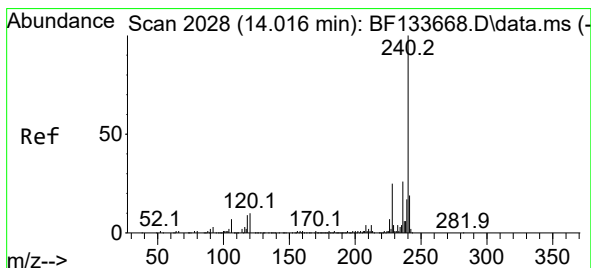
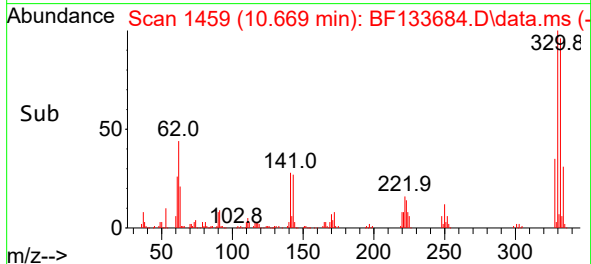
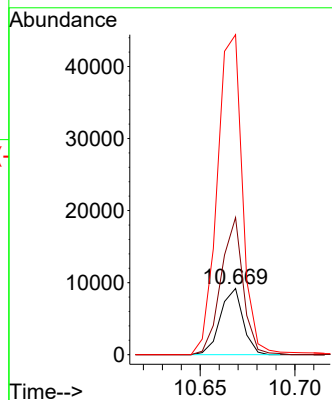
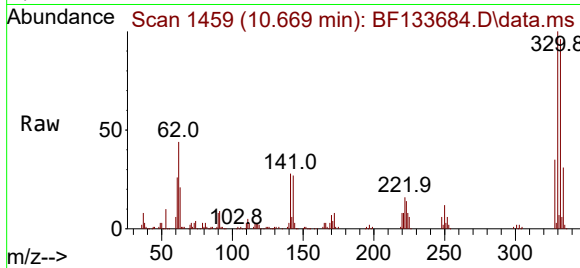




#67
4-Bromophenyl-phenylether
Concen: 3.315 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

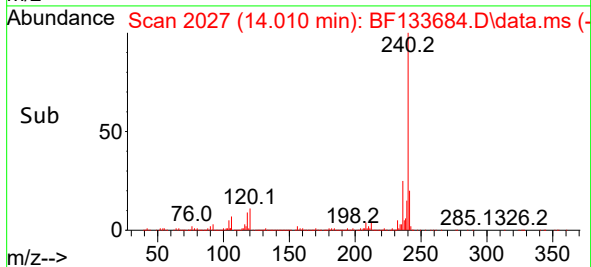
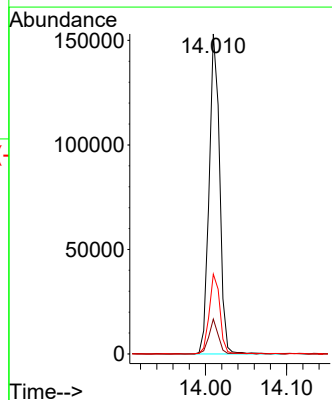
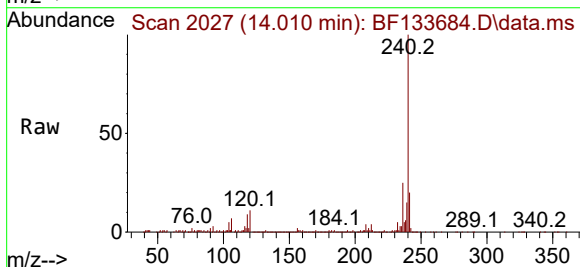
Instrument :
BNA_F
ClientSampleId :
TP-6

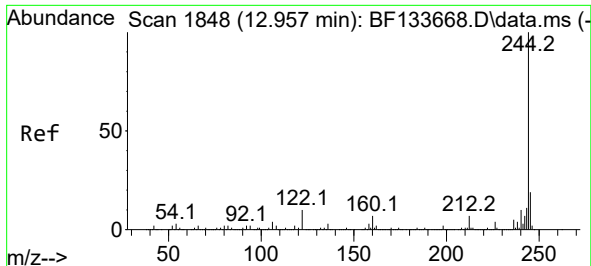
Tgt Ion:248 Resp: 7690
Ion Ratio Lower Upper
248 100
250 207.1 78.3 117.5#
141 483.2 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133684.D
Acq: 09 Jun 2023 19:33

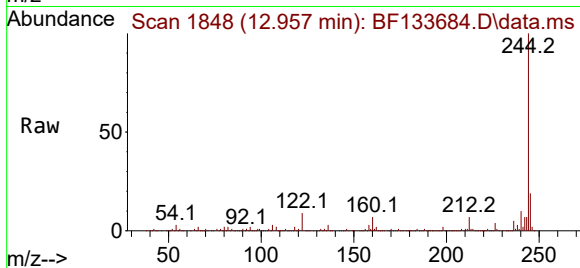
Tgt Ion:240 Resp: 136921
Ion Ratio Lower Upper
240 100
120 10.9 8.1 12.1
236 24.9 20.5 30.7



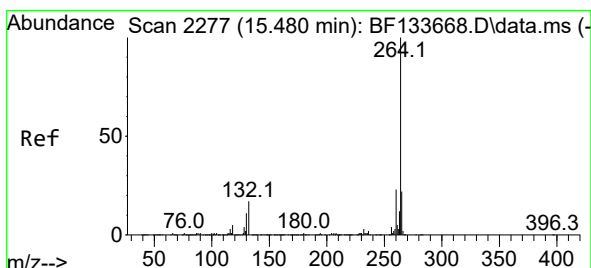
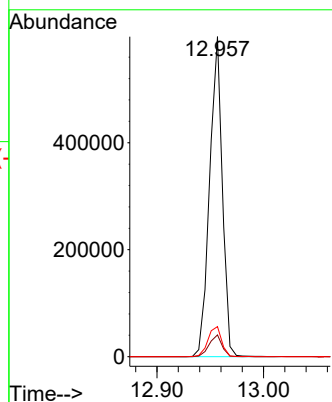
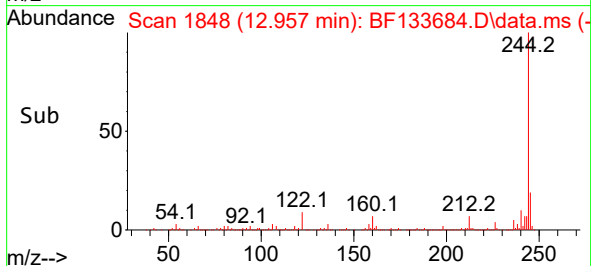


#79
 Terphenyl-d14
 Concen: 56.304 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133684.D
 Acq: 09 Jun 2023 19:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-6



Tgt Ion:244 Resp: 498219
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 9.4 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: BF133684.D
 Acq: 09 Jun 2023 19:33

Tgt Ion:264 Resp: 101371
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.2
 265 20.2 17.8 26.6

