

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134264.D
 Acq On : 13 Jul 2023 16:19
 Operator : CG\JU
 Sample : 03541-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 19:10:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

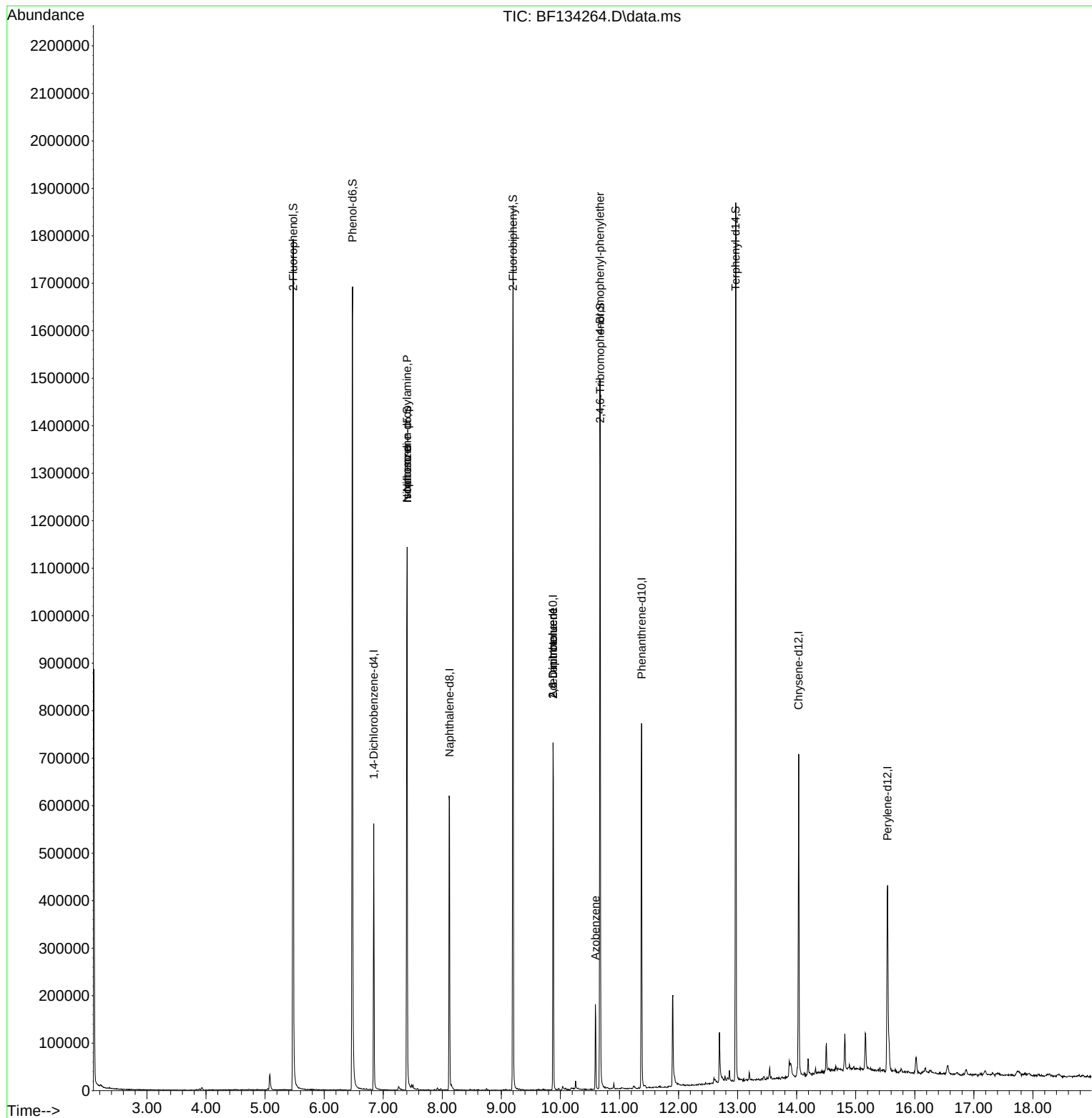
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	73840	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	288958	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	141614	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	287273	20.000	ng	0.00
76) Chrysene-d12	14.033	240	220492	20.000	ng	0.00
86) Perylene-d12	15.539	264	207599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	444207	100.630	ng	0.00
7) Phenol-d6	6.481	99	546107	100.597	ng	0.00
23) Nitrobenzene-d5	7.404	82	338180	63.088	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	185129	104.265	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	542805	55.728	ng	0.00
79) Terphenyl-d14	12.969	244	601162	43.880	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	1007	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	46199	13.420	ng	# 74
25) Isophorone	7.404	82	338174	34.712	ng	# 64
51) 2,6-Dinitrotoluene	9.875	165	17568	7.935	ng	# 24
57) 2,4-Dinitrotoluene	9.875	165	17568	6.008	ng	# 22
63) Azobenzene	10.592	77	31918	3.151	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	11068	3.625	ng	# 1

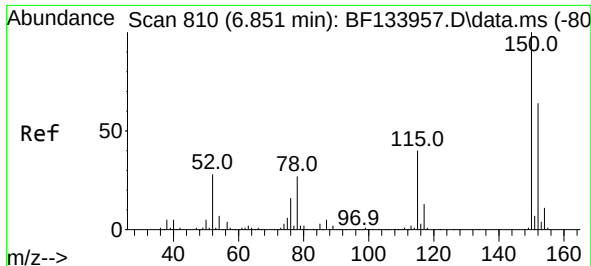
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134264.D
Acq On : 13 Jul 2023 16:19
Operator : CG\JU
Sample : 03541-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

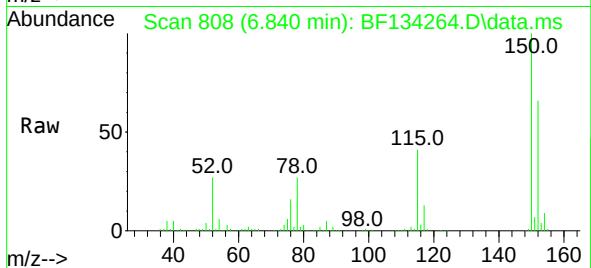
Quant Time: Jul 13 19:10:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration



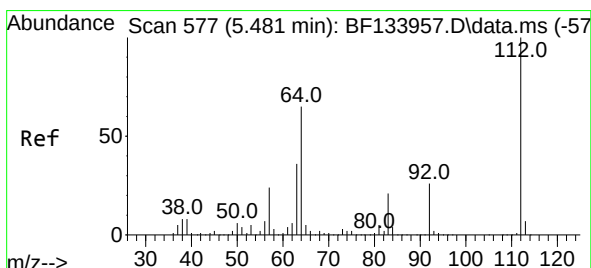
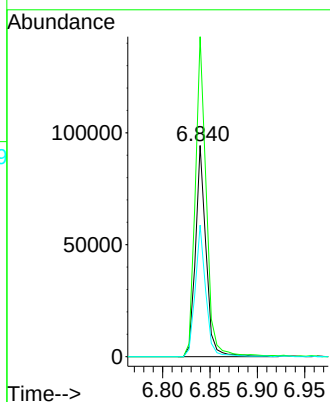
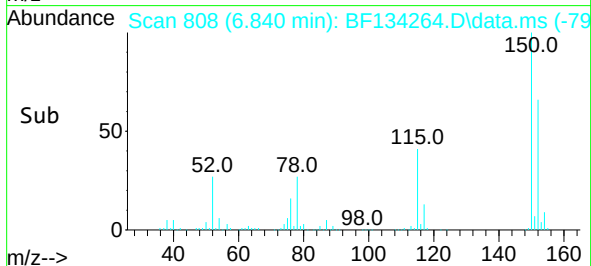


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

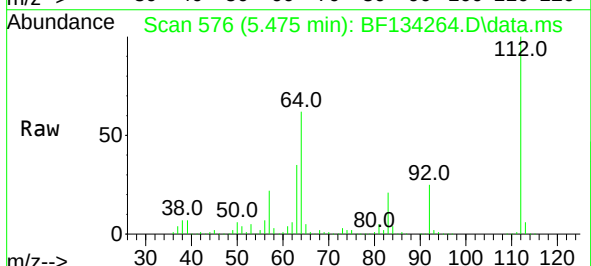
Instrument :
BNA_F
ClientSampleId :



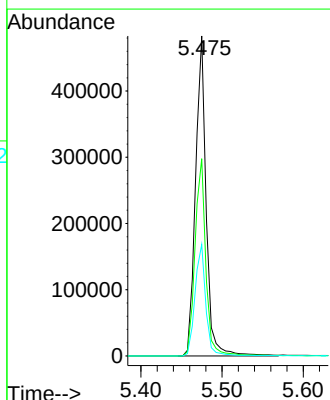
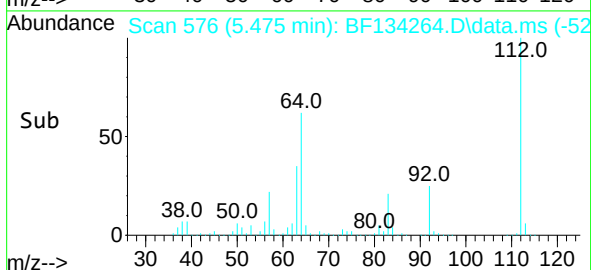
Tgt Ion:152 Resp: 73840
Ion Ratio Lower Upper
152 100
150 151.5 124.5 186.7
115 62.3 50.2 75.2

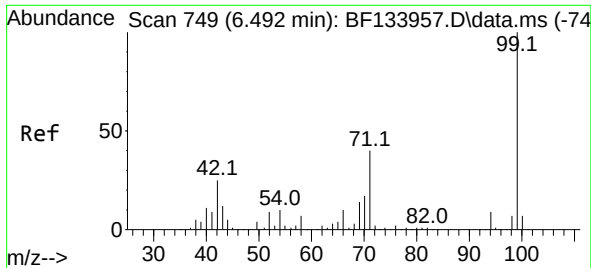


#5
2-Fluorophenol
Concen: 100.630 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19



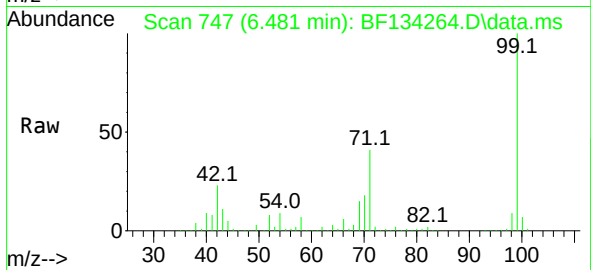
Tgt Ion:112 Resp: 444207
Ion Ratio Lower Upper
112 100
64 61.7 52.1 78.1
63 34.8 28.6 42.8



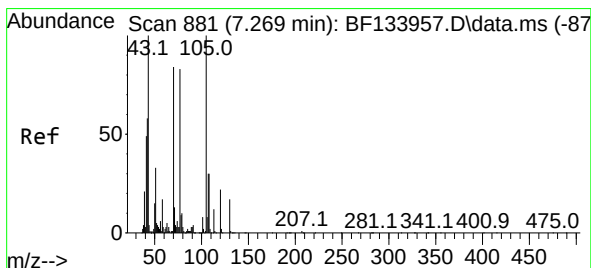
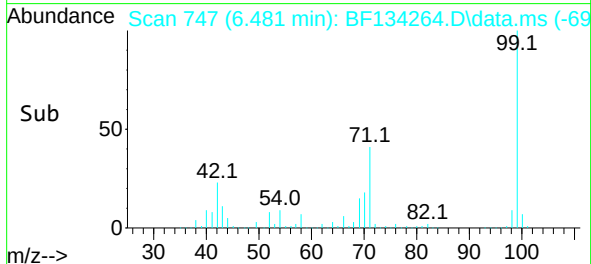
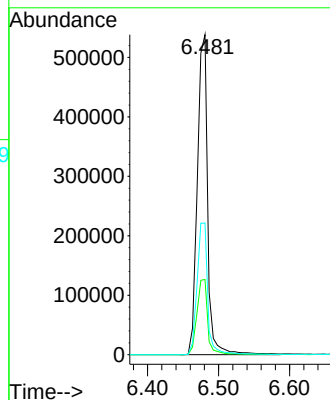


#7
Phenol-d6
Concen: 100.597 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

Instrument :
BNA_F
ClientSampleId :

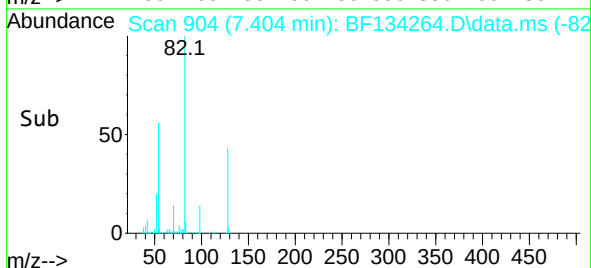
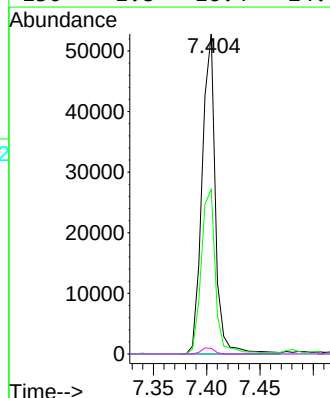
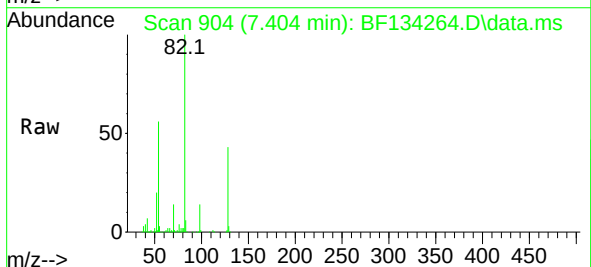


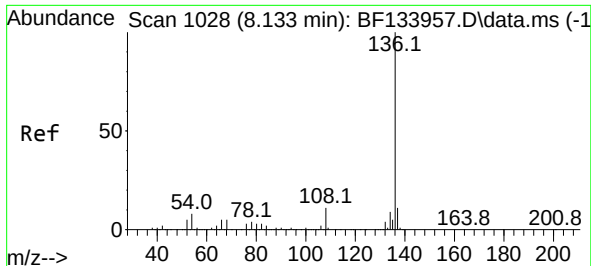
Tgt Ion: 99 Resp: 546107
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 41.1 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.420 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

Tgt Ion: 70 Resp: 46199
Ion Ratio Lower Upper
70 100
42 51.4 54.7 82.1#
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#



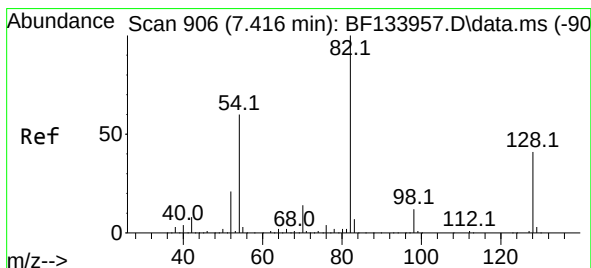
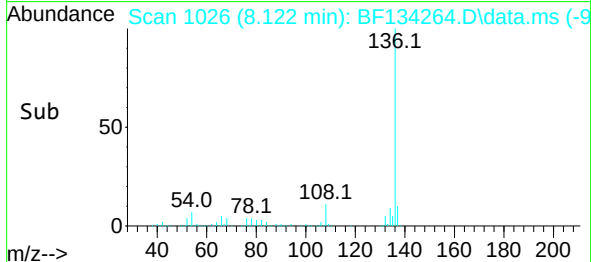
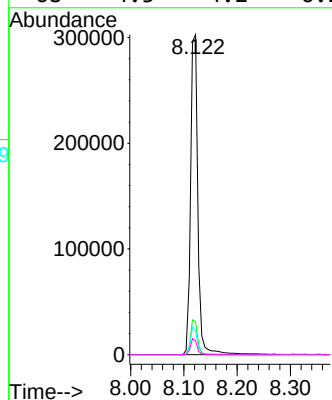
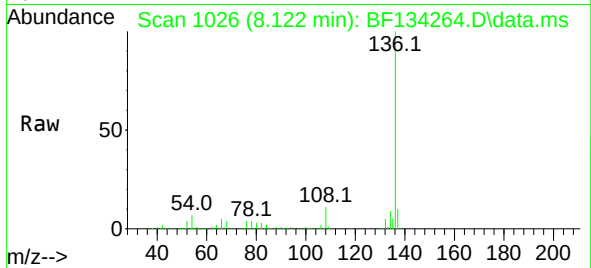


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 288958

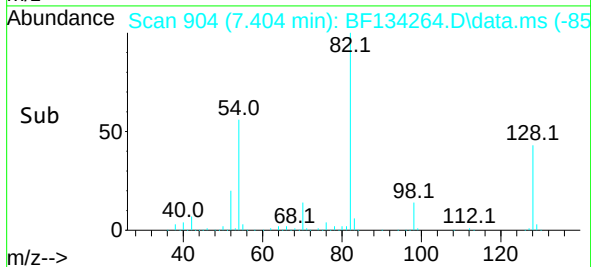
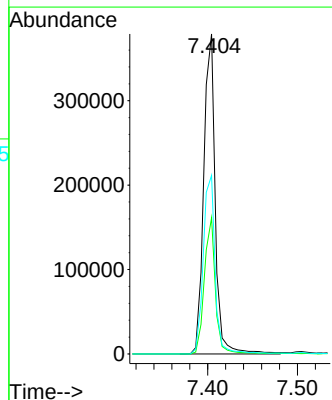
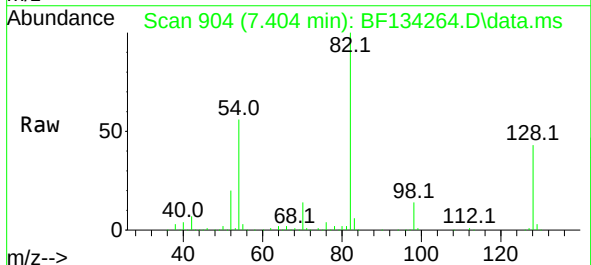
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	7.5	6.5	9.7
68	4.3	4.2	6.2

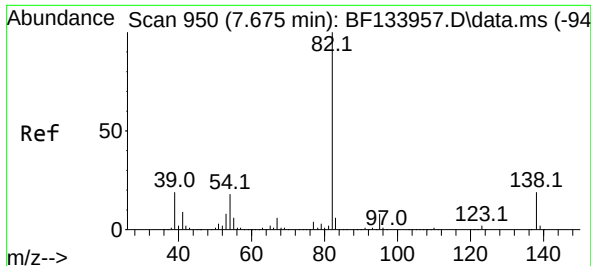


#23
Nitrobenzene-d5
Concen: 63.088 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

Tgt Ion: 82 Resp: 338180

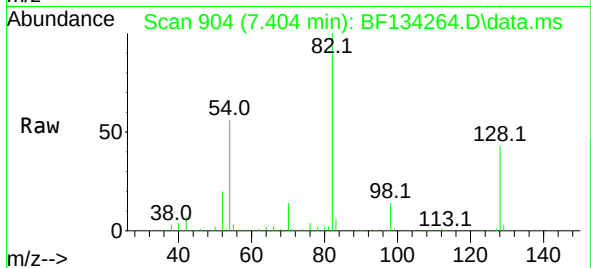
Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.5	48.7
54	55.8	48.2	72.2



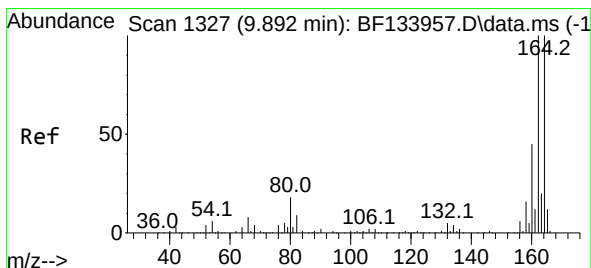
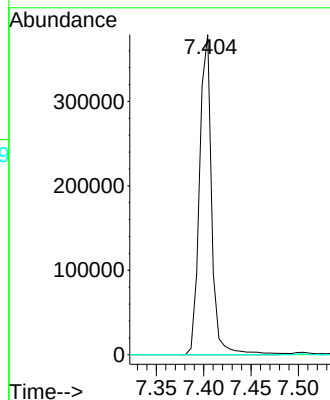
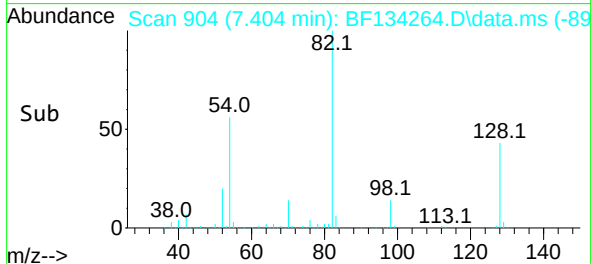


#25
Isophorone
Concen: 34.712 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

Instrument :
BNA_F
ClientSampleId :

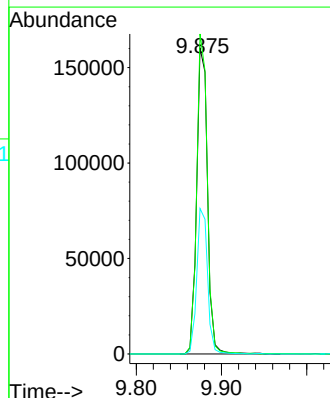
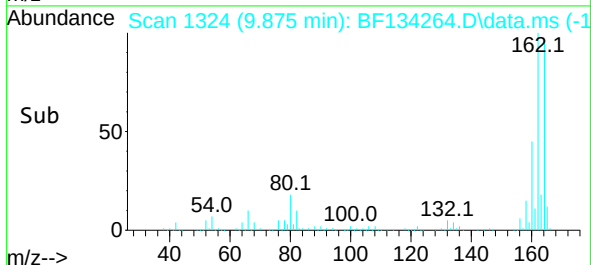
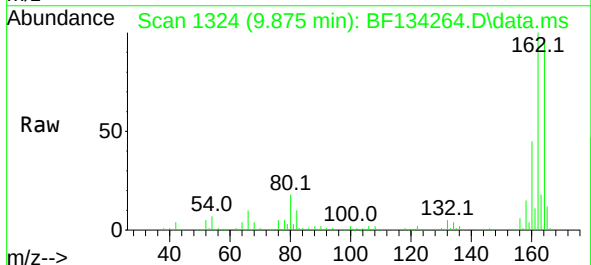


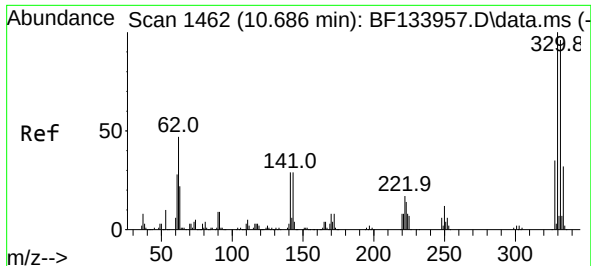
Tgt Ion: 82 Resp: 338174
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

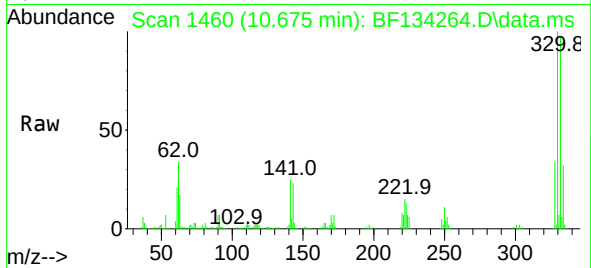
Tgt Ion:164 Resp: 141614
Ion Ratio Lower Upper
164 100
162 104.6 80.0 120.0
160 47.6 35.9 53.9



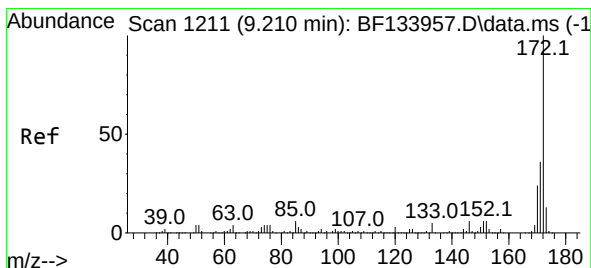
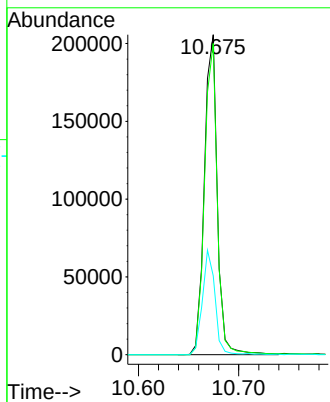
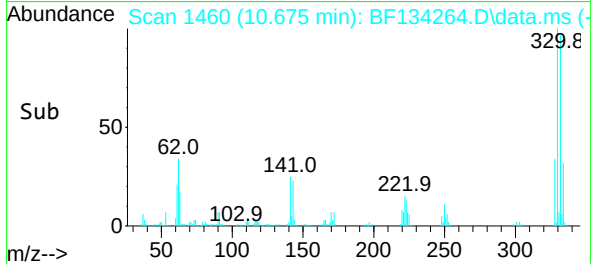


#42
2,4,6-Tribromophenol
Concen: 104.265 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

Instrument :
BNA_F
ClientSampleId :

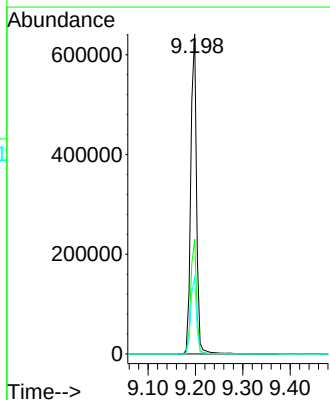
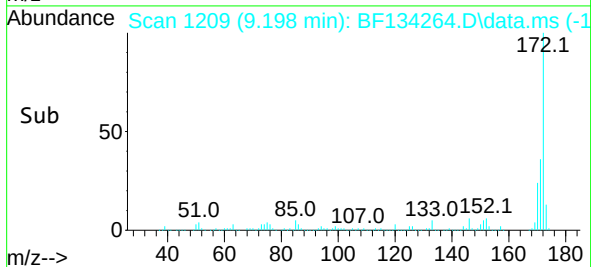
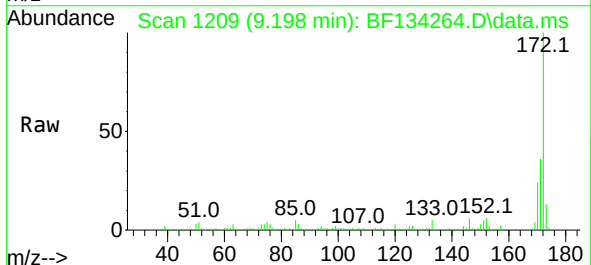


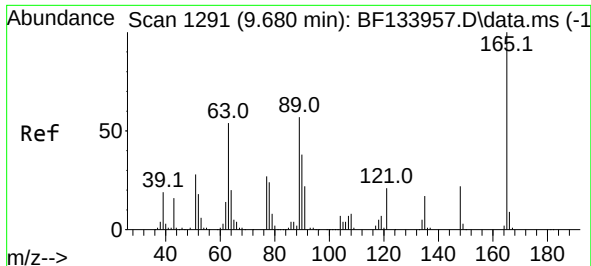
Tgt Ion:330 Resp: 185129
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 32.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 55.728 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

Tgt Ion:172 Resp: 542805
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.9 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 7.935 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.200 min

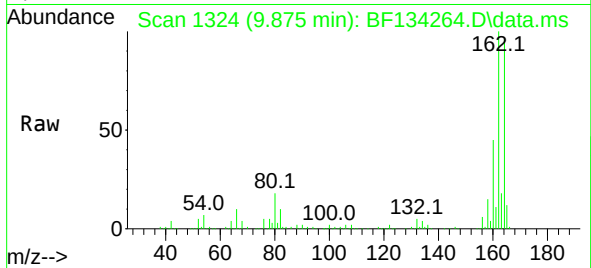
Lab File: BF134264.D

Acq: 13 Jul 2023 16:19

Instrument :

BNA_F

ClientSampleId :



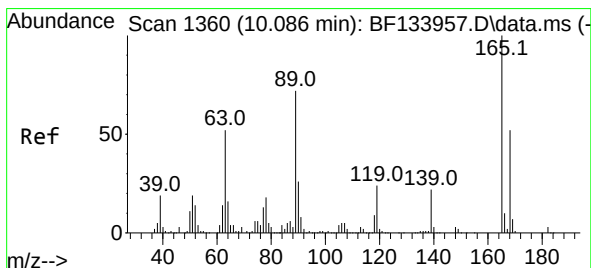
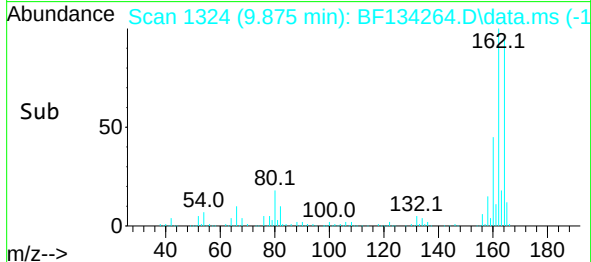
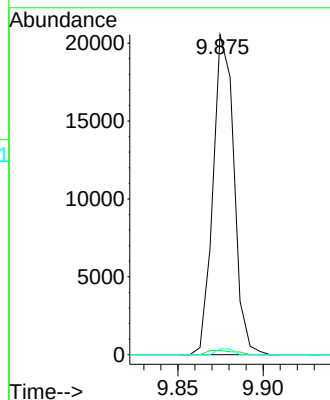
Tgt Ion:165 Resp: 17568

Ion Ratio Lower Upper

165 100

63 1.4 48.5 72.7#

89 1.8 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.008 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.206 min

Lab File: BF134264.D

Acq: 13 Jul 2023 16:19

Tgt Ion:165 Resp: 17568

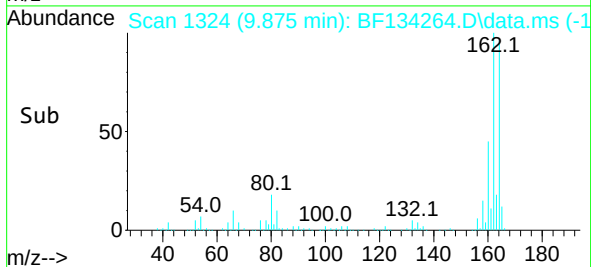
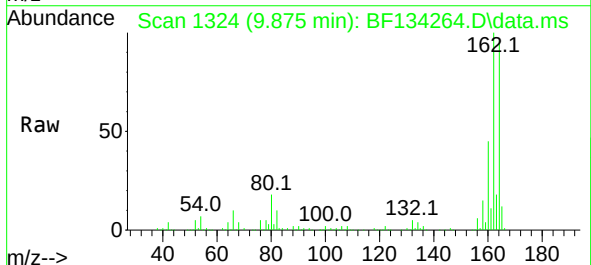
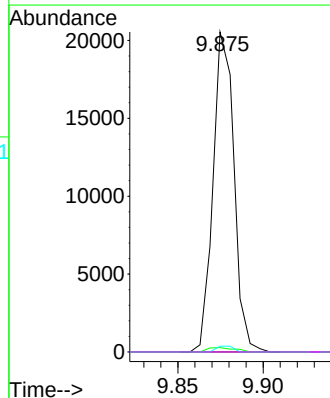
Ion Ratio Lower Upper

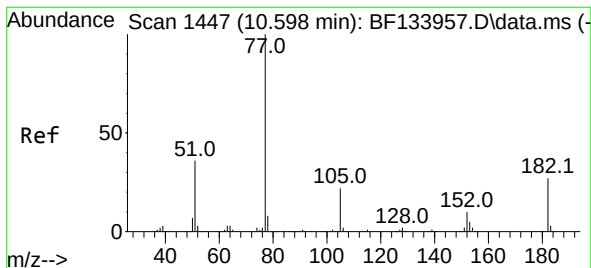
165 100

63 1.4 42.2 63.2#

89 1.8 57.4 86.2#

182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 3.151 ng

RT: 10.592 min Scan# 1446

Delta R.T. 0.000 min

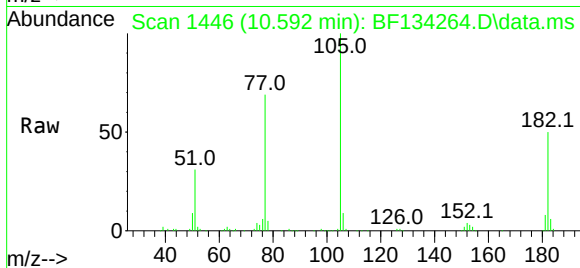
Lab File: BF134264.D

Acq: 13 Jul 2023 16:19

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 31918

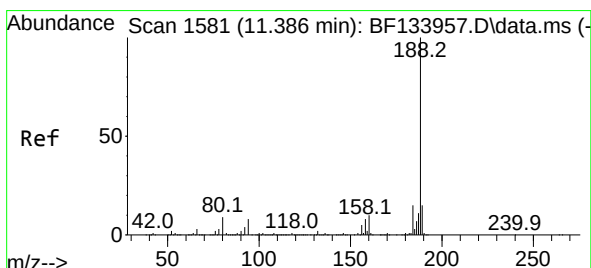
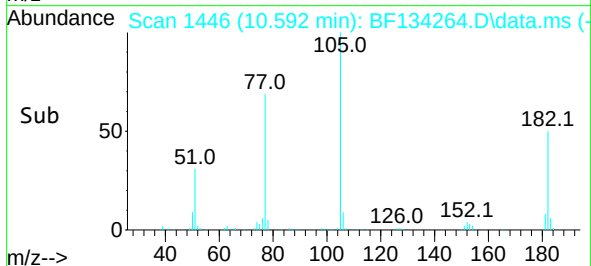
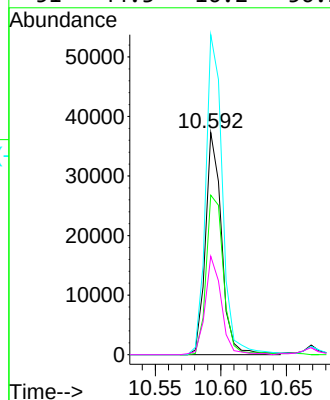
Ion Ratio Lower Upper

77 100

182 71.8 6.8 46.8#

105 144.0 2.3 42.3#

51 44.3 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF134264.D

Acq: 13 Jul 2023 16:19

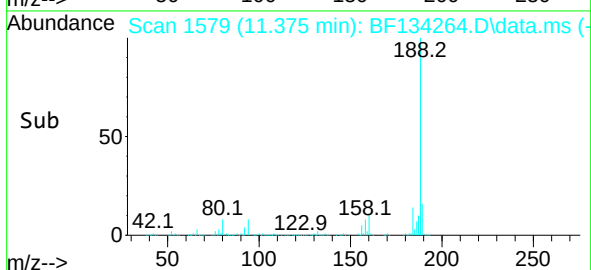
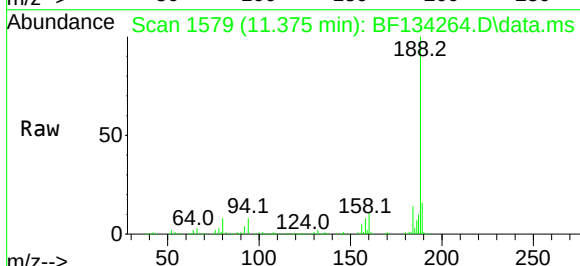
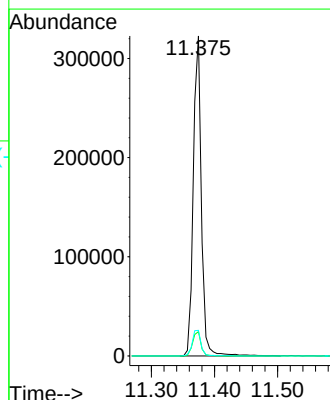
Tgt Ion: 188 Resp: 287273

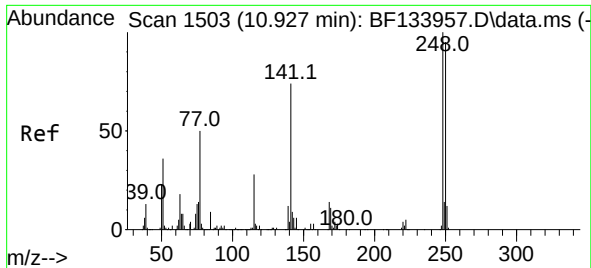
Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

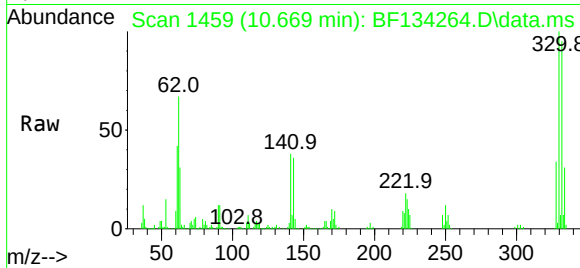
80 8.0 7.3 10.9



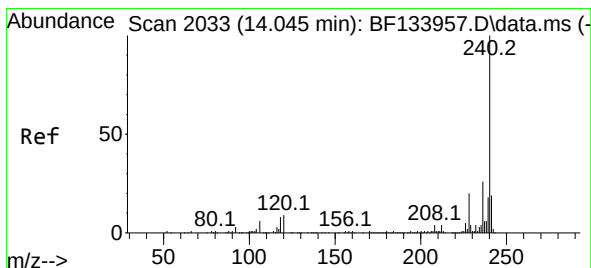
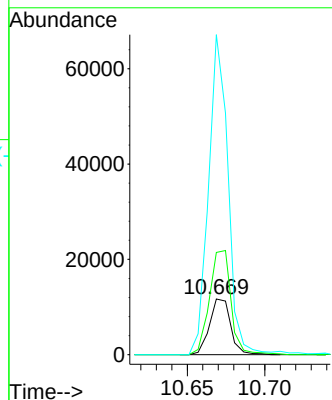
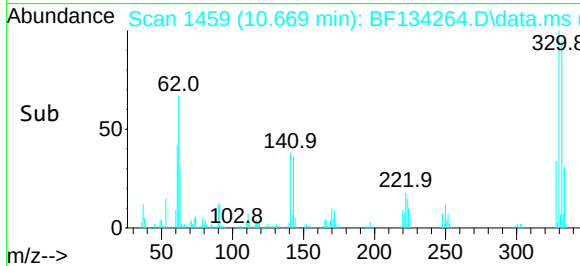


#67
4-Bromophenyl-phenylether
Concen: 3.625 ng
RT: 10.669 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19

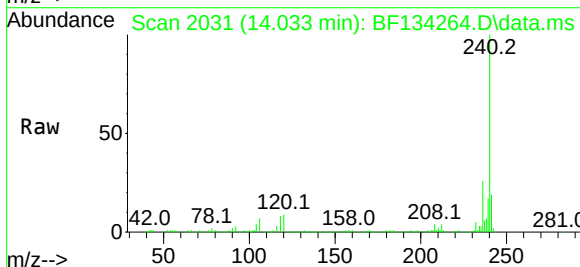
Instrument :
BNA_F
ClientSampleId :



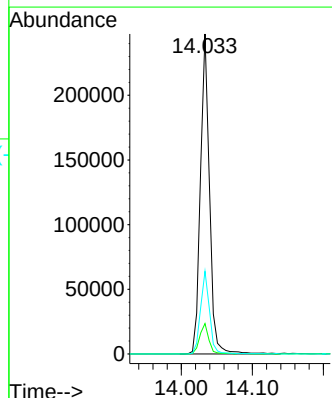
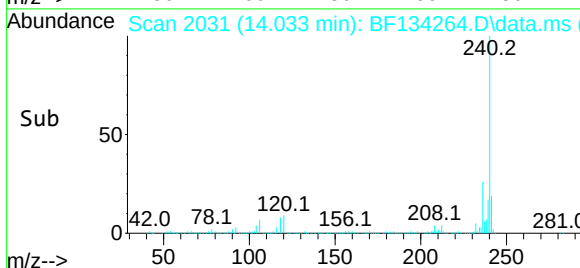
Tgt Ion:248 Resp: 11068
Ion Ratio Lower Upper
248 100
250 183.7 76.2 114.4#
141 575.1 59.0 88.4#

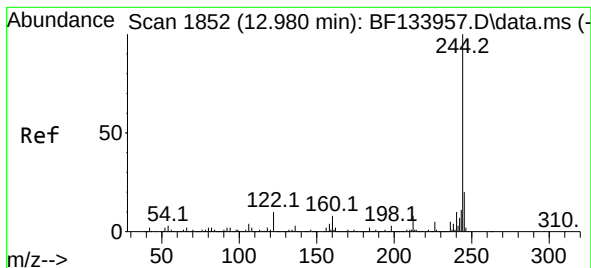


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134264.D
Acq: 13 Jul 2023 16:19



Tgt Ion:240 Resp: 220492
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 25.8 21.0 31.6





#79

Terphenyl-d14

Concen: 43.880 ng

RT: 12.969 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF134264.D

Acq: 13 Jul 2023 16:19

Instrument :

BNA_F

ClientSampleId :

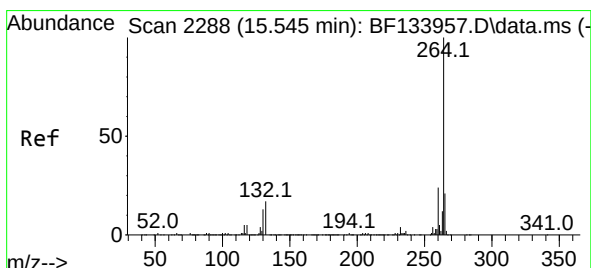
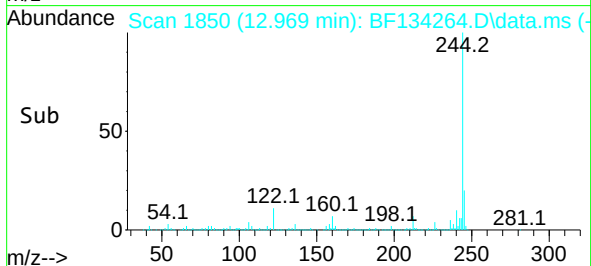
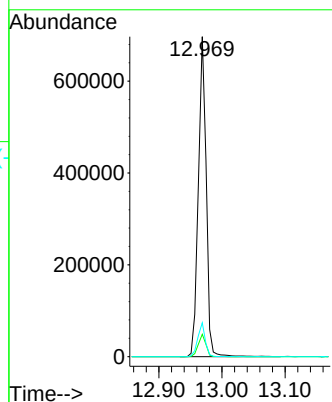
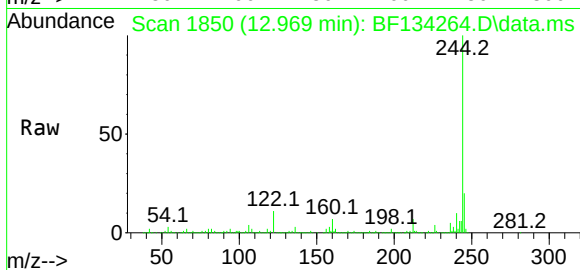
Tgt Ion:244 Resp: 601162

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 10.6 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2287

Delta R.T. -0.006 min

Lab File: BF134264.D

Acq: 13 Jul 2023 16:19

Tgt Ion:264 Resp: 207599

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.4 16.6 25.0

