

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052323\
 Data File : BF133460.D
 Acq On : 23 May 2023 16:16
 Operator : CG\JU
 Sample : PB152920BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152981TB

Quant Time: May 24 03:27:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

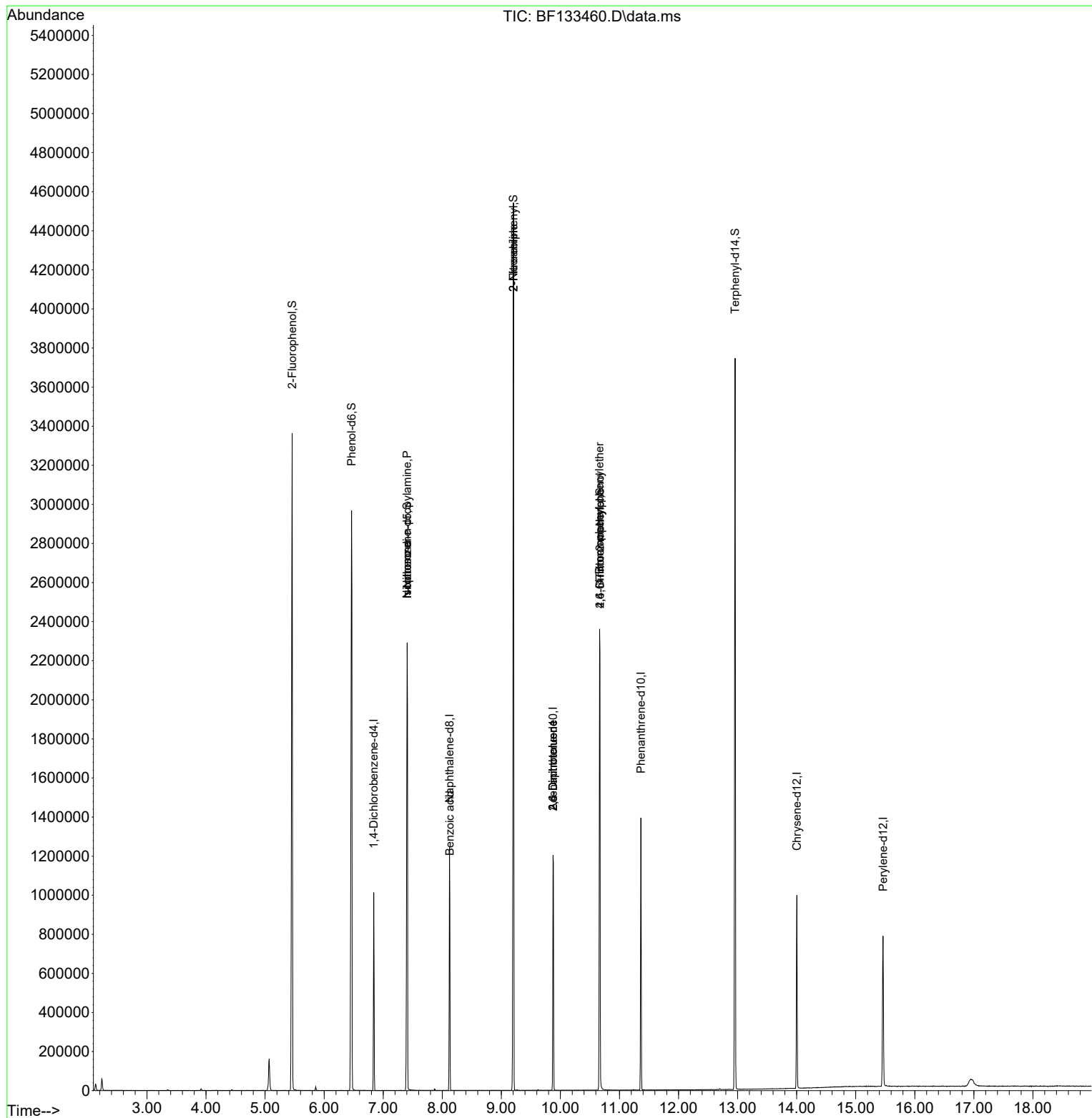
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	127481	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	494104	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	240050	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	441304	20.000	ng	0.00
76) Chrysene-d12	14.004	240	306790	20.000	ng	0.00
86) Perylene-d12	15.463	264	332871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	974775	124.992	ng	0.01
7) Phenol-d6	6.463	99	1189183	126.844	ng	0.00
23) Nitrobenzene-d5	7.404	82	747538	104.596	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	292295	131.814	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1330910	78.004	ng	0.00
79) Terphenyl-d14	12.957	244	1353364	84.342	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	103793	17.690	ng	# 81
25) Isophorone	7.404	82	747530	44.450	ng	# 66
32) Benzoic acid	8.128	122	77	6.287	ng	# 1
48) 2-Nitroaniline	9.204	65	2579	6.023	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	29580	13.071	ng	# 15
57) 2,4-Dinitrotoluene	9.875	165	29580	12.437	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.669	198	562	8.541	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	18544	4.007	ng	# 1

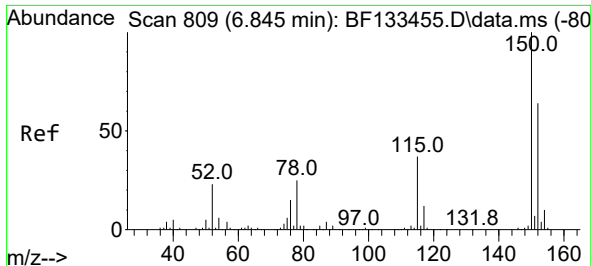
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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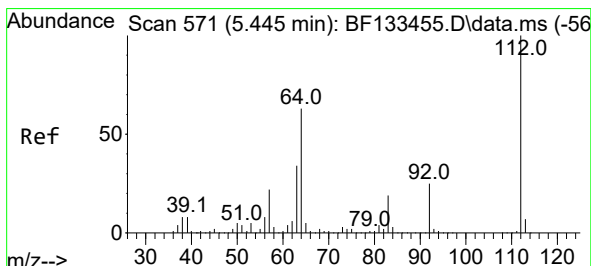
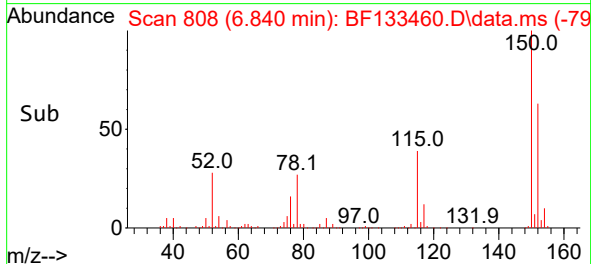
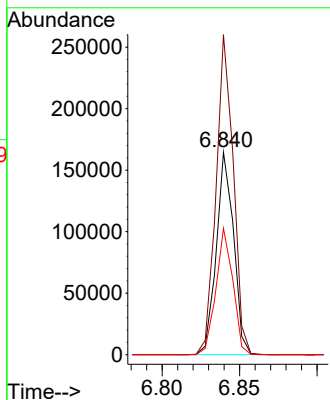
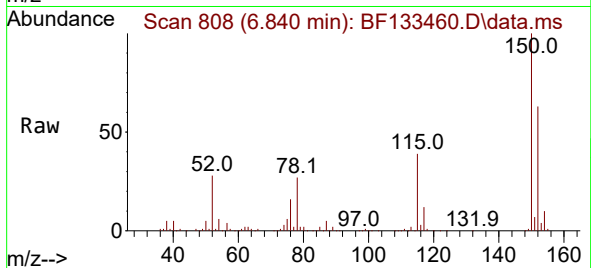




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

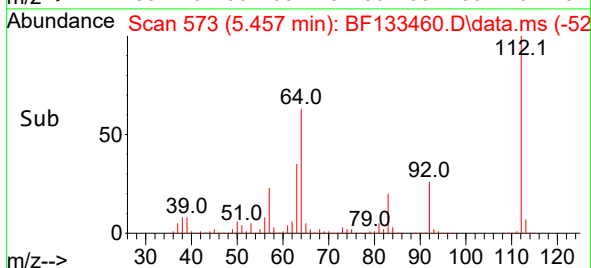
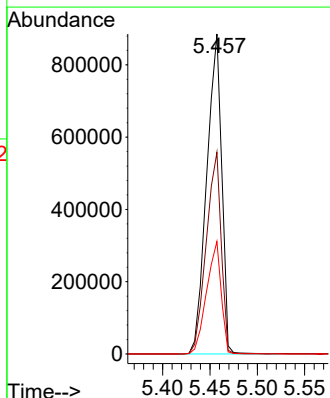
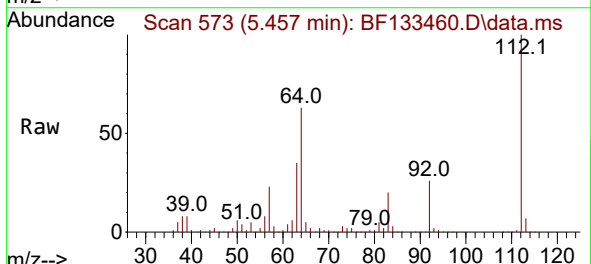
Instrument :
BNA_F
ClientSampleId :
PB152981TB

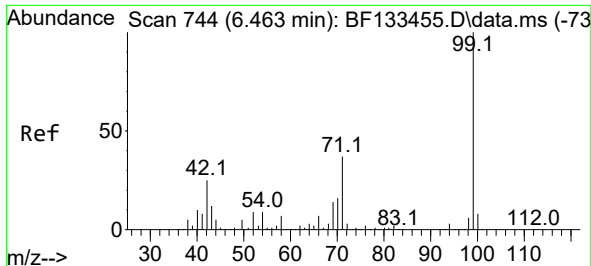
Tgt Ion:152 Resp: 127481
Ion Ratio Lower Upper
152 100
150 158.1 125.6 188.4
115 62.4 47.0 70.4



#5
2-Fluorophenol
Concen: 124.992 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

Tgt Ion:112 Resp: 974775
Ion Ratio Lower Upper
112 100
64 63.0 50.2 75.4
63 35.2 27.2 40.8

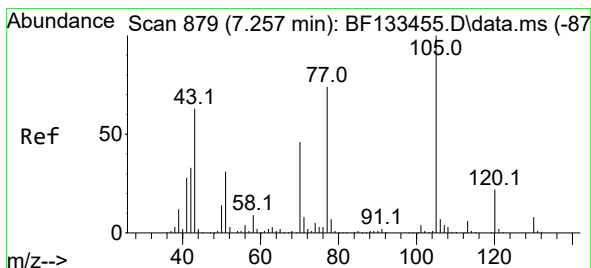
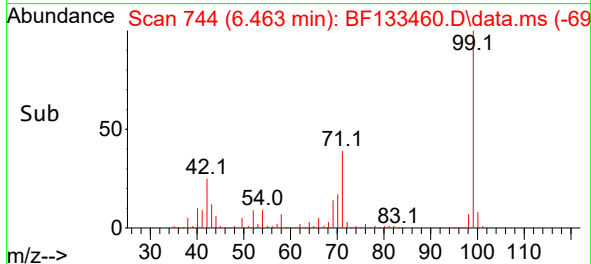
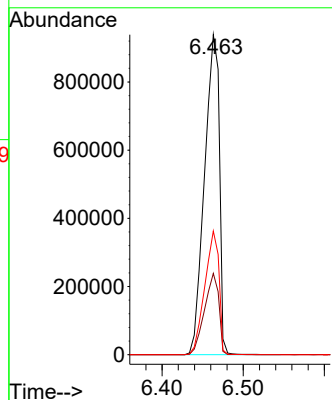
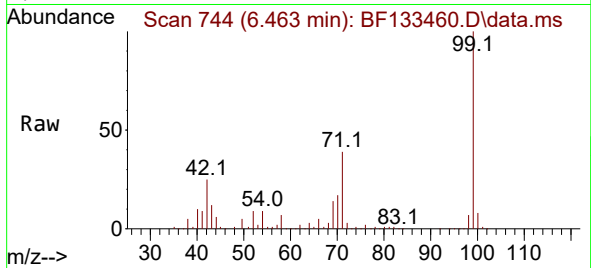




#7
Phenol-d6
Concen: 126.844 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

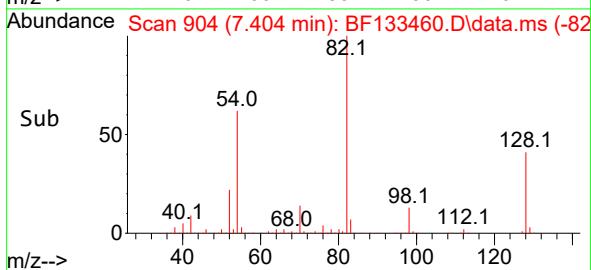
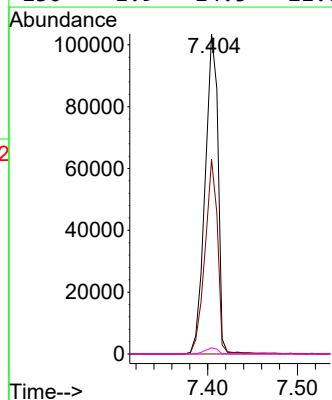
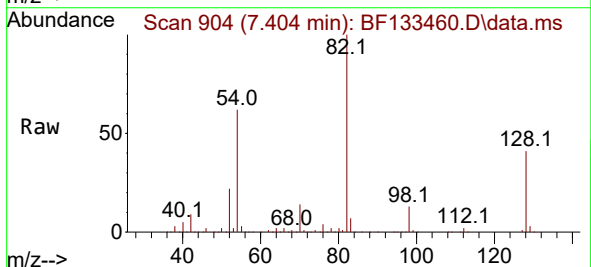
Instrument :
BNA_F
ClientSampleId :
PB152981TB

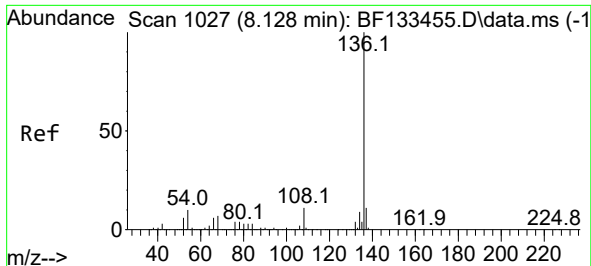
Tgt Ion: 99 Resp: 1189183
Ion Ratio Lower Upper
99 100
42 25.4 19.6 29.4
71 38.7 29.5 44.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.690 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

Tgt Ion: 70 Resp: 103793
Ion Ratio Lower Upper
70 100
42 60.8 57.7 86.5
101 0.0 7.6 11.4#
130 1.9 14.5 21.7#

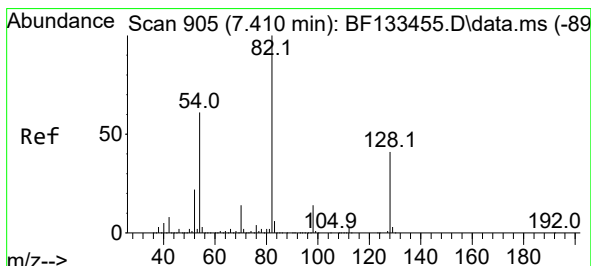
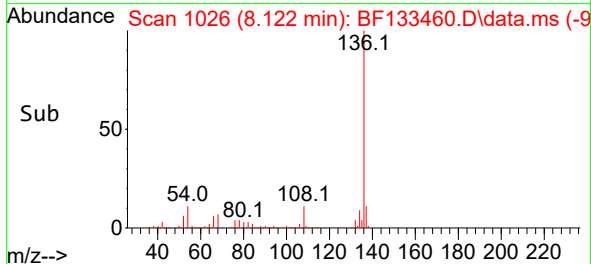
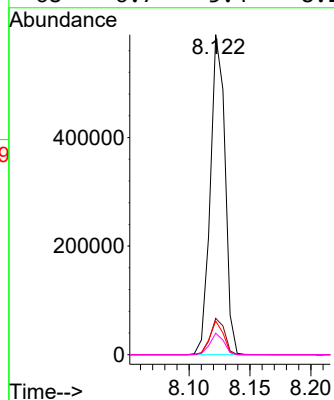
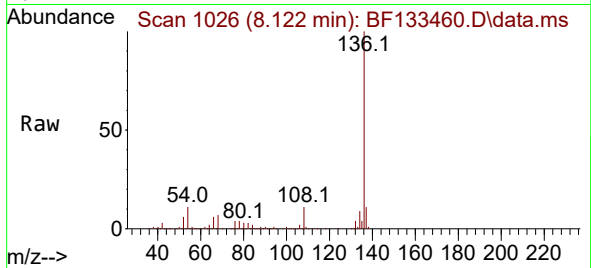




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

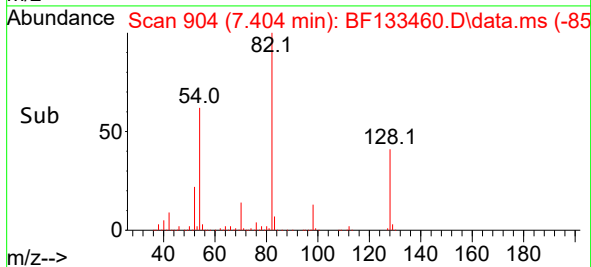
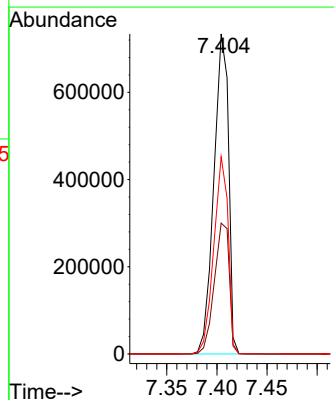
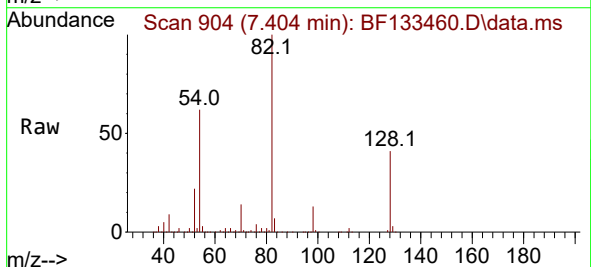
Instrument :
BNA_F
ClientSampleId :
PB152981TB

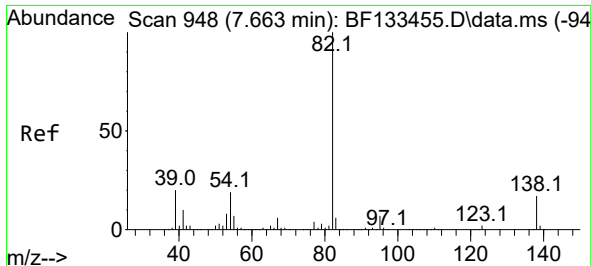
Tgt Ion:136 Resp: 494104
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 10.5 8.0 12.0
68 6.7 5.4 8.2



#23
Nitrobenzene-d5
Concen: 104.596 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

Tgt Ion: 82 Resp: 747538
Ion Ratio Lower Upper
82 100
128 40.9 33.0 49.6
54 61.6 48.5 72.7

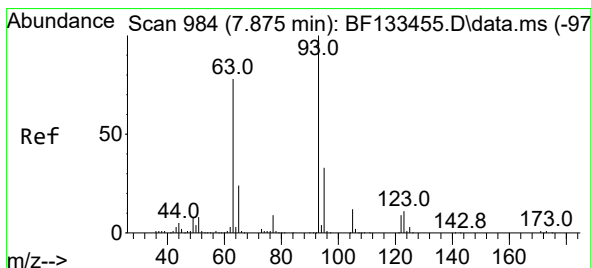
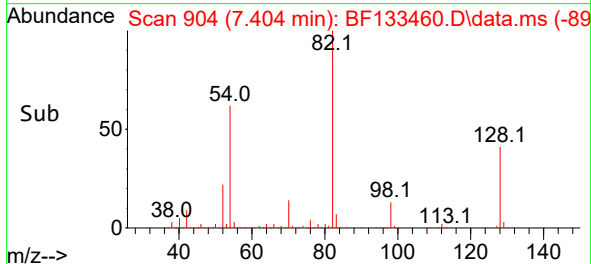
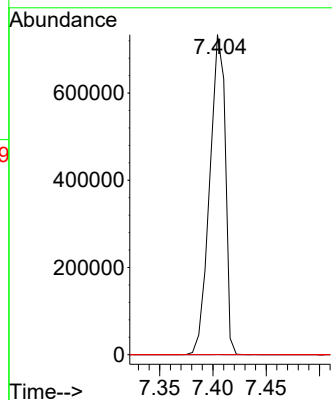
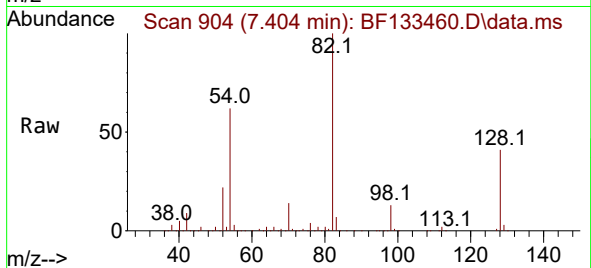




#25
Isophorone
Concen: 44.450 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

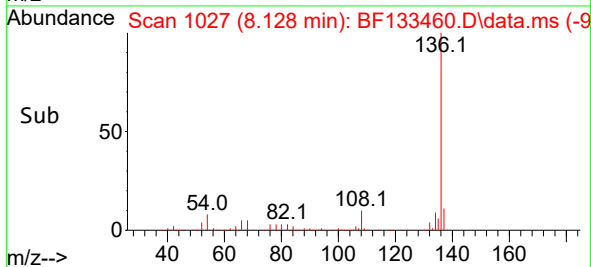
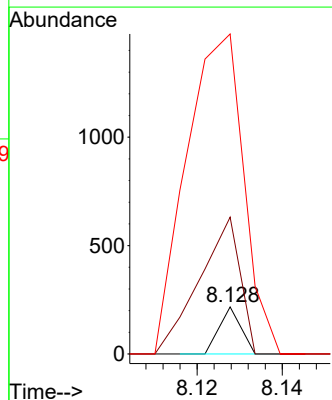
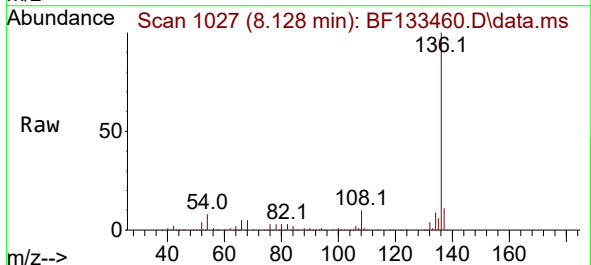
Instrument :
BNA_F
ClientSampleId :
PB152981TB

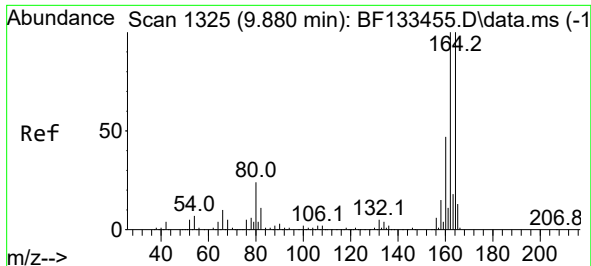
Tgt Ion: 82 Resp: 747530
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.5 20.3#



#32
Benzoic acid
Concen: 6.287 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.253 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

Tgt Ion:122 Resp: 77
Ion Ratio Lower Upper
122 100
105 290.8 111.2 151.2#
77 680.2 82.0 122.0#

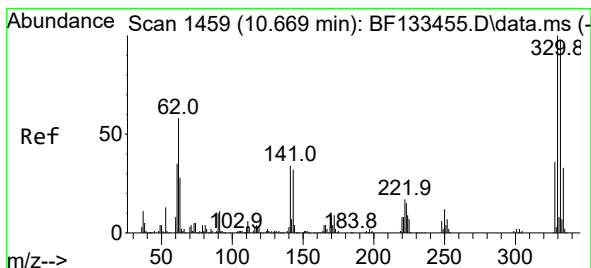
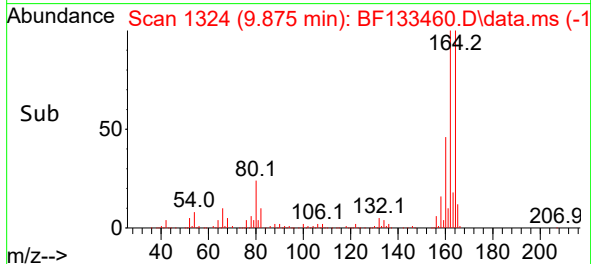
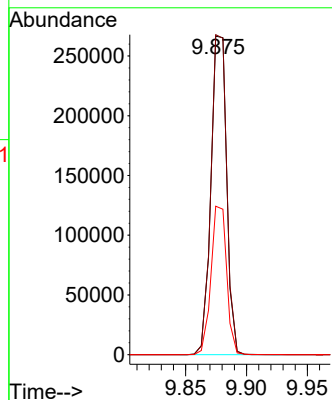
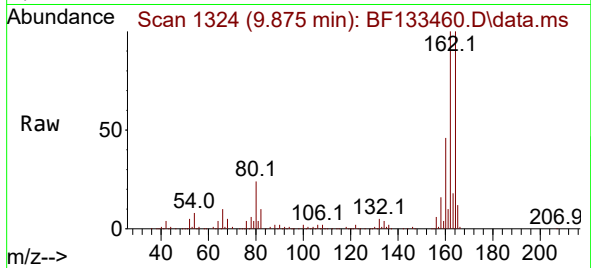




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

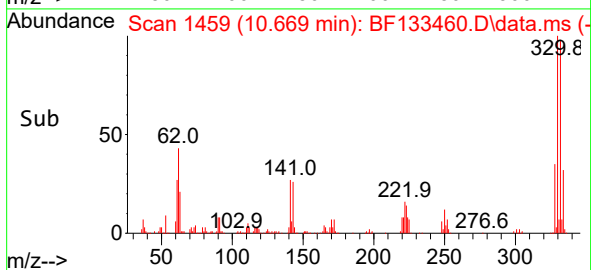
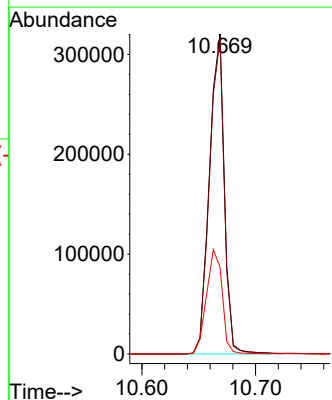
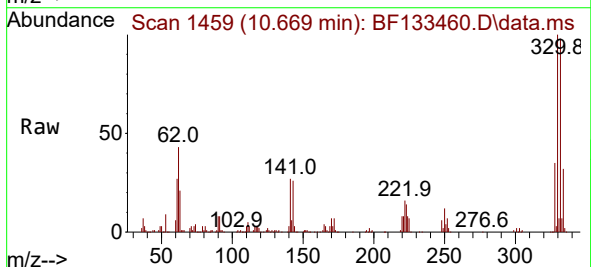
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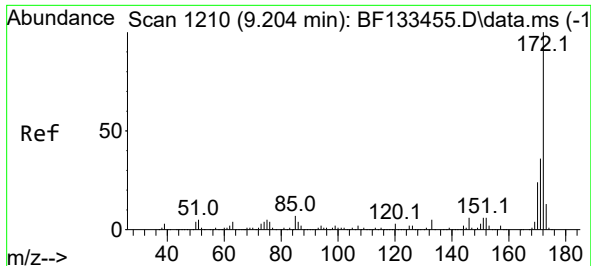
Tgt Ion:164 Resp: 240050
Ion Ratio Lower Upper
164 100
162 100.5 79.8 119.6
160 46.6 37.4 56.0



#42
2,4,6-Tribromophenol
Concen: 131.814 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

Tgt Ion:330 Resp: 292295
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.6
141 34.4 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 78.004 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF133460.D

Acq: 23 May 2023 16:16

Instrument :

BNA_F

ClientSampleId :

PB152981TB

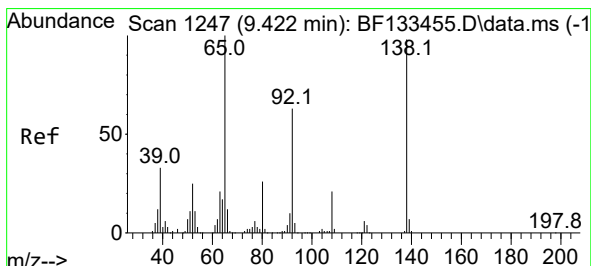
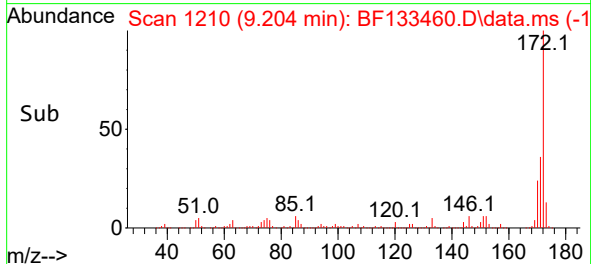
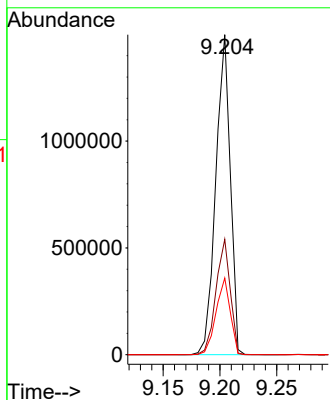
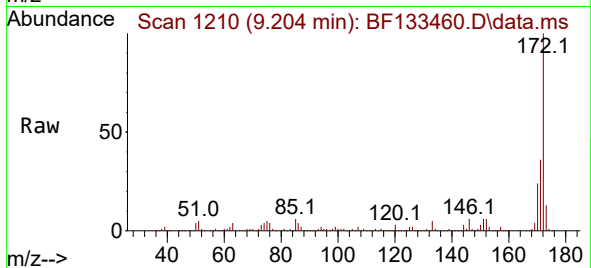
Tgt Ion:172 Resp: 1330910

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.0 19.0 28.4



#48

2-Nitroaniline

Concen: 6.023 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.218 min

Lab File: BF133460.D

Acq: 23 May 2023 16:16

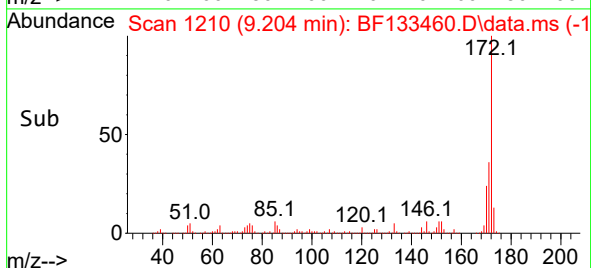
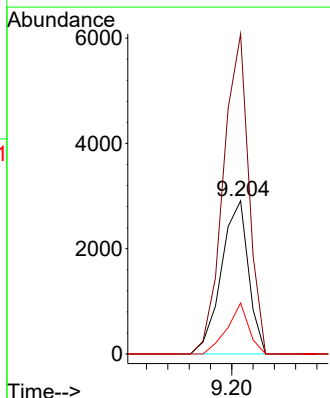
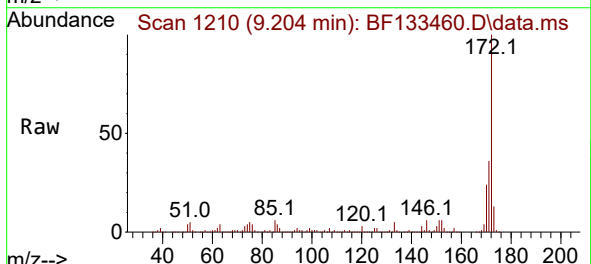
Tgt Ion: 65 Resp: 2579

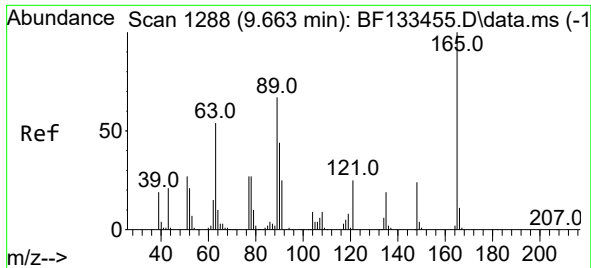
Ion Ratio Lower Upper

65 100

92 208.9 50.1 75.1#

138 33.3 78.6 118.0#

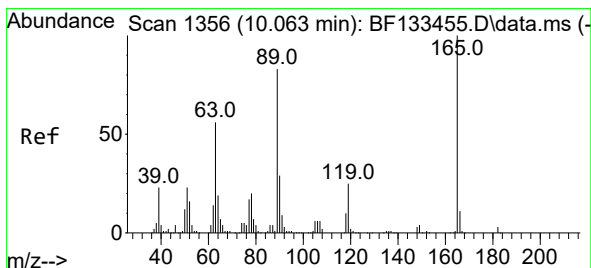
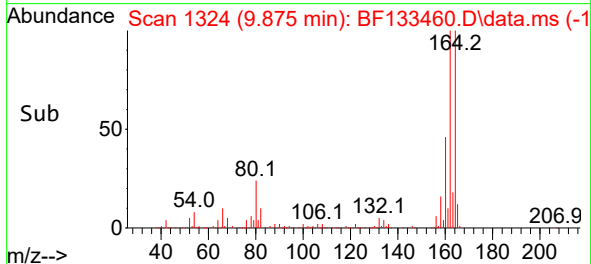
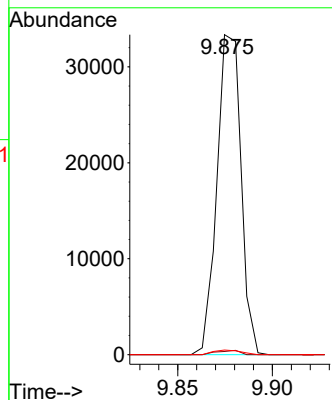
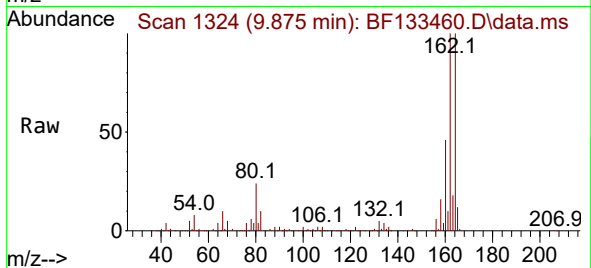




#51
2,6-Dinitrotoluene
Concen: 13.071 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

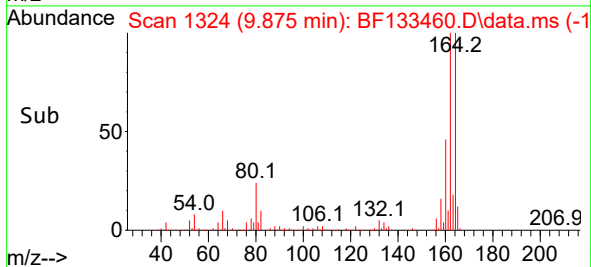
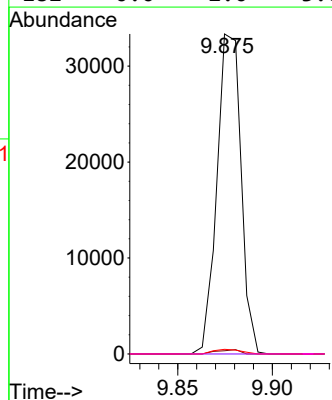
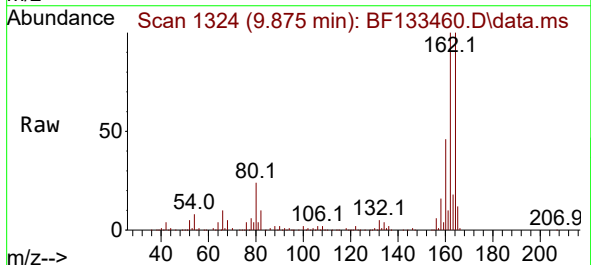
Instrument :
BNA_F
ClientSampleId :
PB152981TB

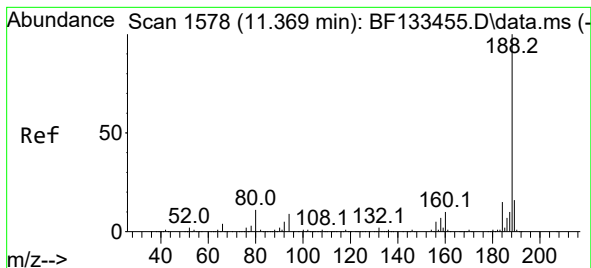
Tgt Ion:165 Resp: 29580
Ion Ratio Lower Upper
165 100
63 1.0 61.0 91.4#
89 1.4 53.5 80.3#



#57
2,4-Dinitrotoluene
Concen: 12.437 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

Tgt Ion:165 Resp: 29580
Ion Ratio Lower Upper
165 100
63 1.0 45.1 67.7#
89 1.4 66.7 100.1#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133460.D

Acq: 23 May 2023 16:16

Instrument :

BNA_F

ClientSampleId :

PB152981TB

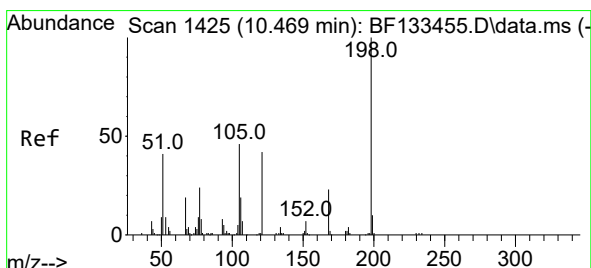
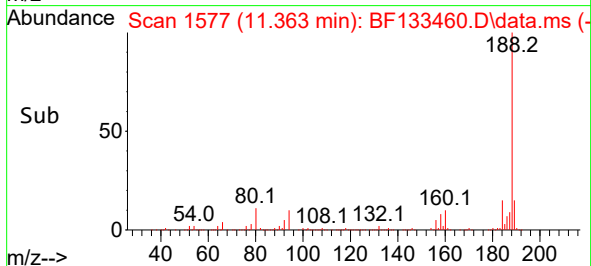
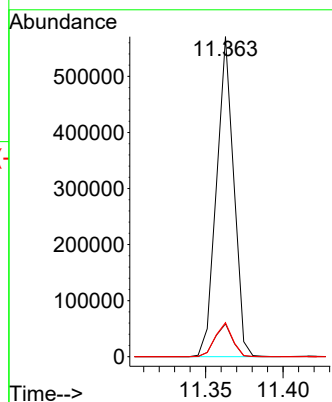
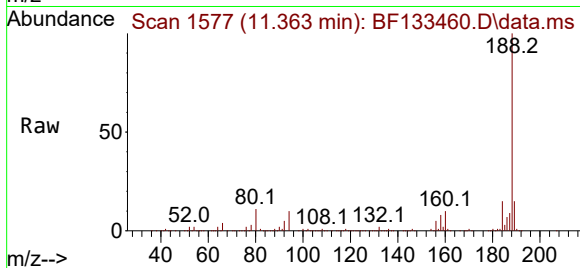
Tgt Ion:188 Resp: 441304

Ion Ratio Lower Upper

188 100

94 10.2 7.5 11.3

80 10.7 8.7 13.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.541 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.200 min

Lab File: BF133460.D

Acq: 23 May 2023 16:16

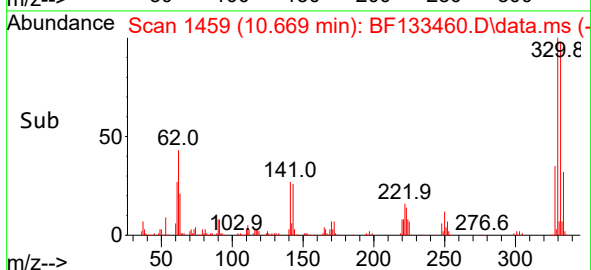
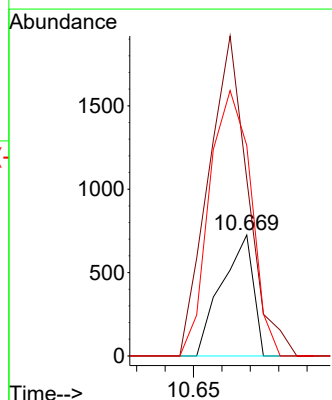
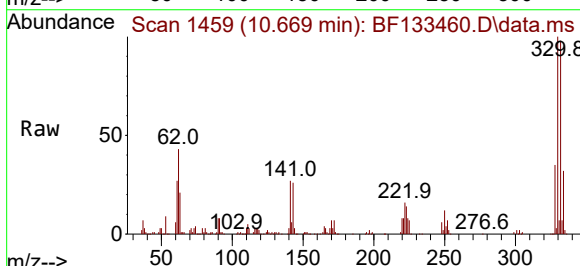
Tgt Ion:198 Resp: 562

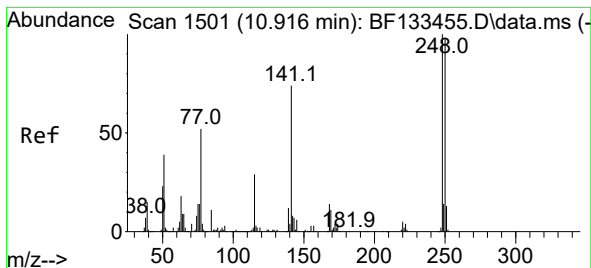
Ion Ratio Lower Upper

198 100

51 146.3 38.5 78.5#

105 174.2 29.6 69.6#

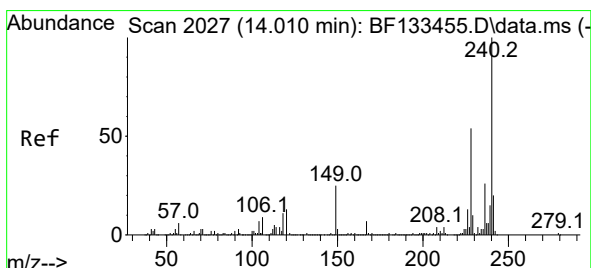
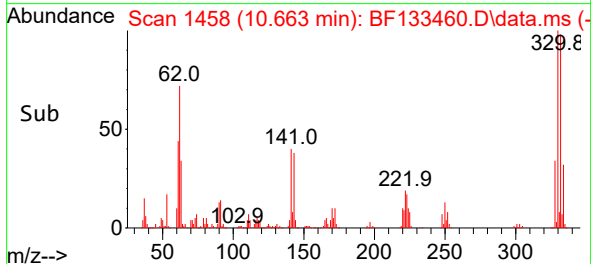
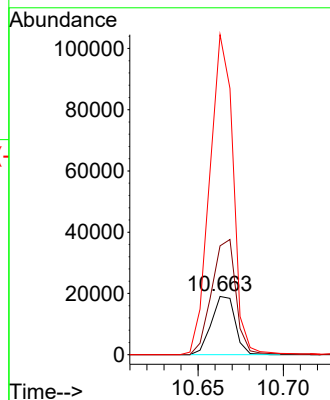
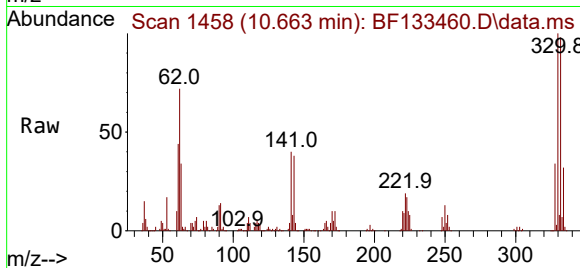




#67
4-Bromophenyl-phenylether
Concen: 4.007 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

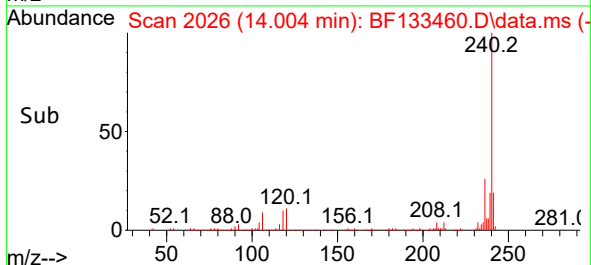
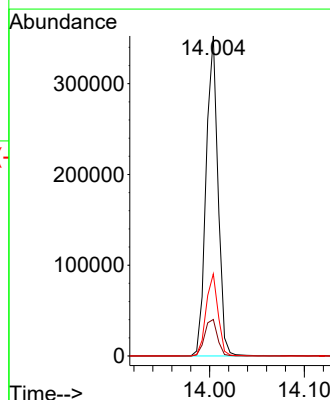
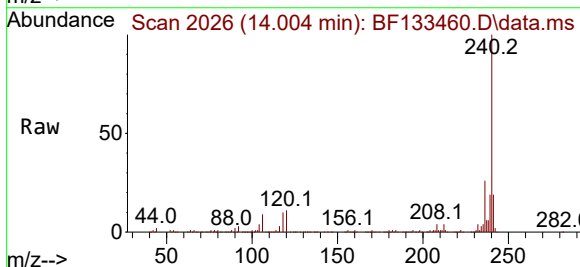
Instrument :
BNA_F
ClientSampleId :
PB152981TB

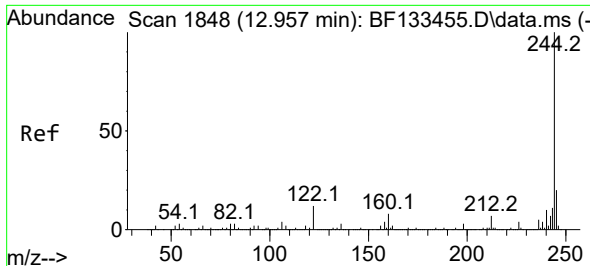
Tgt Ion:248 Resp: 18544
Ion Ratio Lower Upper
248 100
250 186.8 78.3 117.5#
141 549.1 59.1 88.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133460.D
Acq: 23 May 2023 16:16

Tgt Ion:240 Resp: 306790
Ion Ratio Lower Upper
240 100
120 11.4 10.2 15.4
236 25.6 20.9 31.3

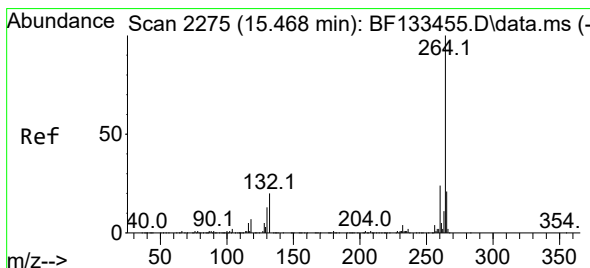
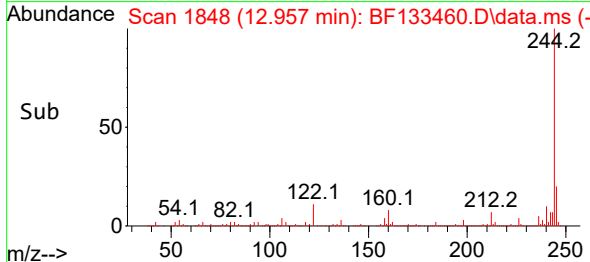
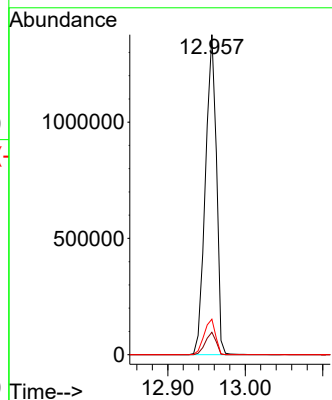
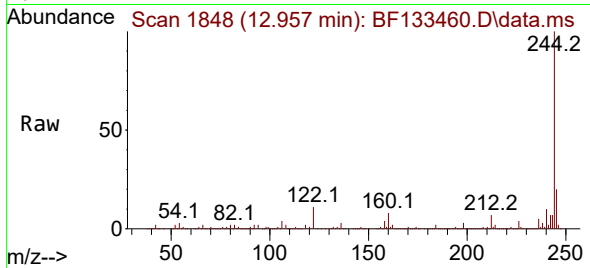




#79
 Terphenyl-d14
 Concen: 84.342 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133460.D
 Acq: 23 May 2023 16:16

Instrument :
 BNA_F
 ClientSampleId :
 PB152981TB

Tgt Ion:244 Resp: 1353364
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF133460.D
 Acq: 23 May 2023 16:16

Tgt Ion:264 Resp: 332871
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 22.3 17.0 25.4

