

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133282.D
 Acq On : 06 May 2023 00:59
 Operator : CG\JU
 Sample : 02624-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WZ-2B

Quant Time: May 06 05:54:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

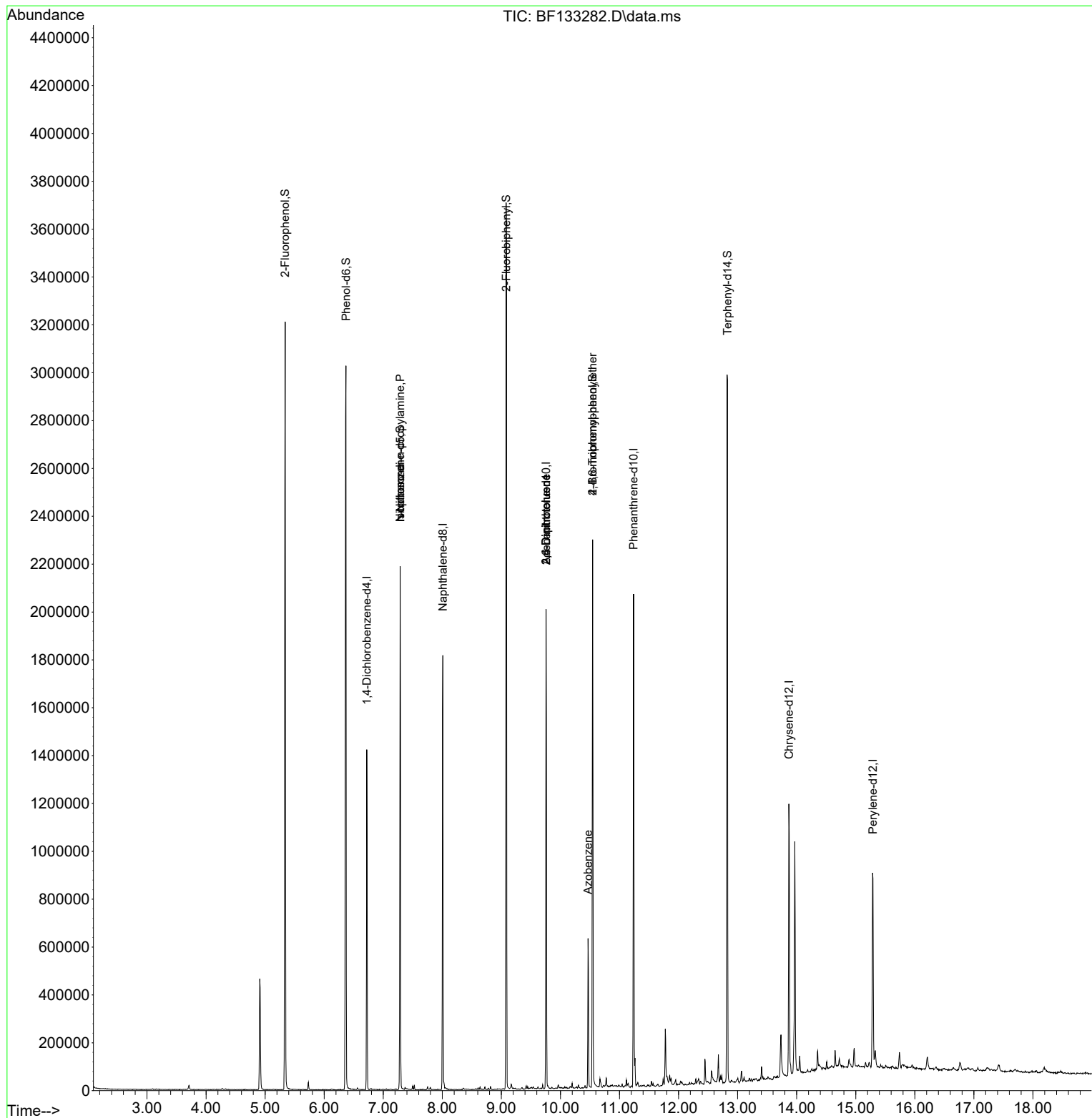
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	184757	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	745950	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	388223	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	672987	20.000	ng	0.00
76) Chrysene-d12	13.868	240	372723	20.000	ng	-0.01
86) Perylene-d12	15.292	264	362396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	864697	70.699	ng	0.00
7) Phenol-d6	6.369	99	1054793	69.482	ng	0.00
23) Nitrobenzene-d5	7.287	82	635860	46.011	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	247250	63.327	ng	-0.01
45) 2-Fluorobiphenyl	9.081	172	1122711	48.382	ng	-0.01
79) Terphenyl-d14	12.827	244	1069689	49.497	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	60	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.287	70	84396	8.930	ng	# 78
25) Isophorone	7.287	82	635849	24.233	ng	# 63
51) 2,6-Dinitrotoluene	9.757	165	49990	8.205	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	49990	6.434	ng	# 23
63) Azobenzene	10.469	77	101016	3.729	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	16781	2.299	ng	# 1

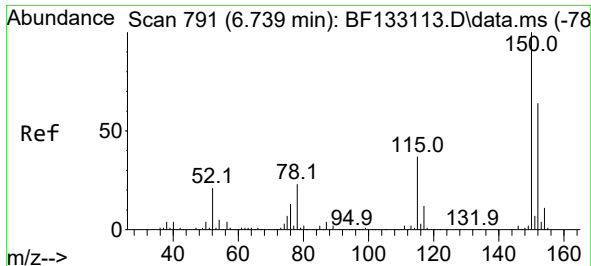
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 06 05:54:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 10:49:34 2023
Response via : Initial Calibration

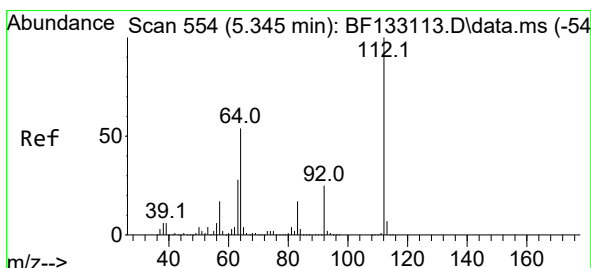
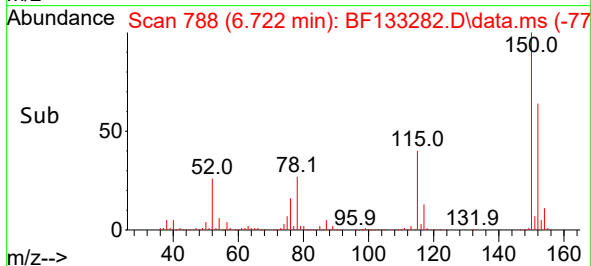
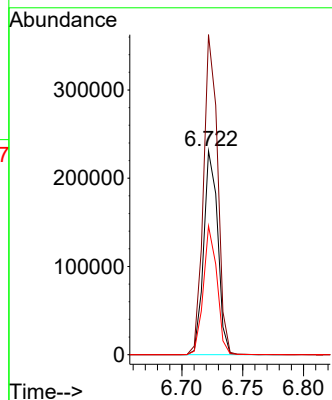
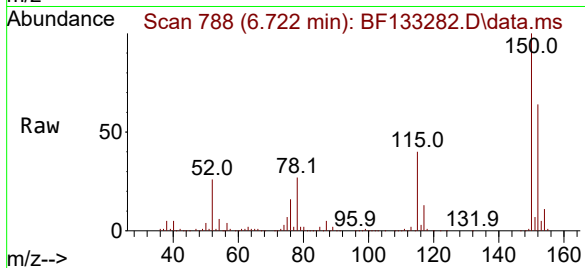




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133282.D
 Acq: 06 May 2023 00:59

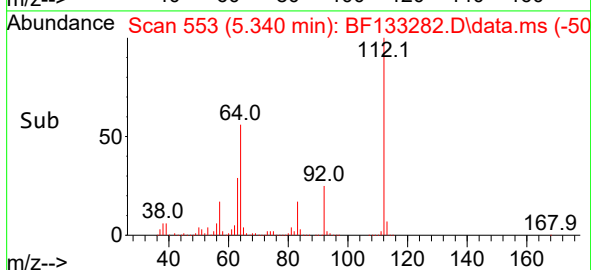
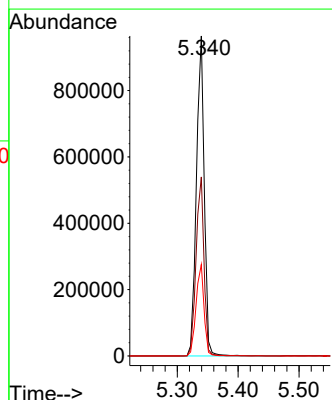
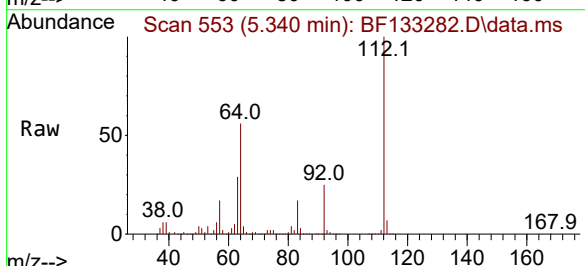
Instrument :
 BNA_F
 ClientSampleId :
 WZ-2B

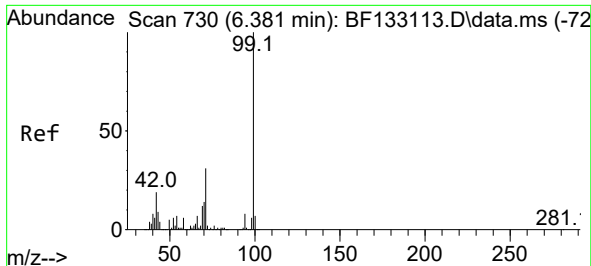
Tgt Ion:152 Resp: 184757
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.8 187.2
 115 63.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 70.699 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF133282.D
 Acq: 06 May 2023 00:59

Tgt Ion:112 Resp: 864697
 Ion Ratio Lower Upper
 112 100
 64 55.9 46.8 70.2
 63 28.5 23.8 35.8

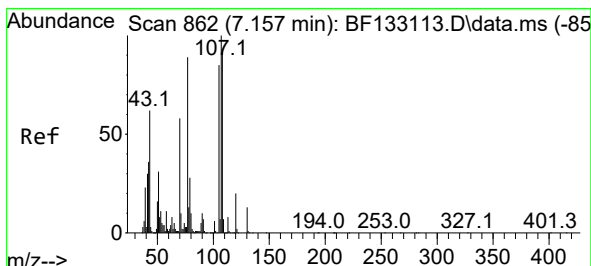
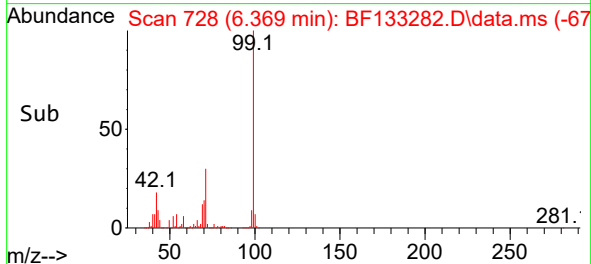
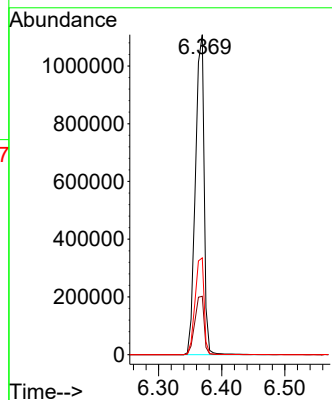
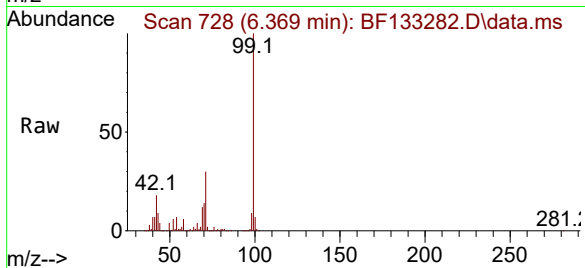




#7
Phenol-d6
Concen: 69.482 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133282.D
Acq: 06 May 2023 00:59

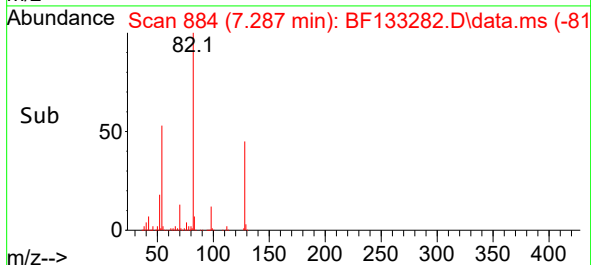
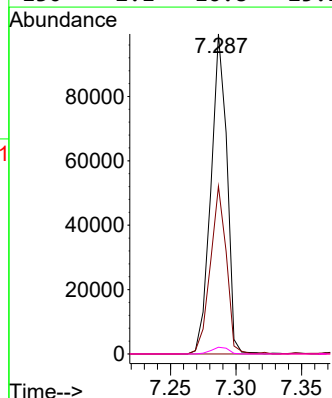
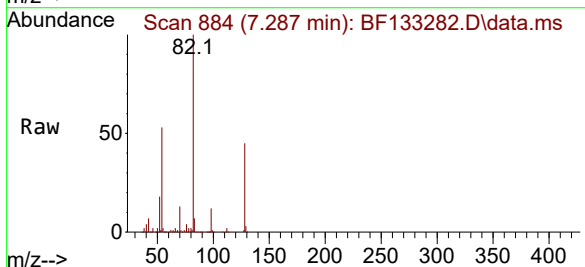
Instrument :
BNA_F
ClientSampleId :
WZ-2B

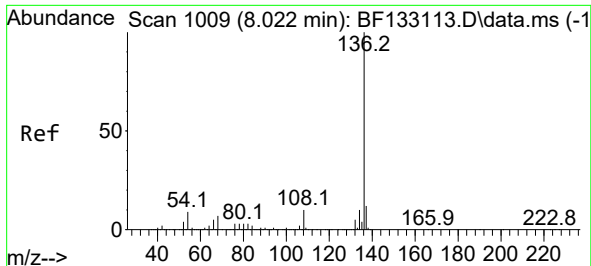
Tgt Ion: 99 Resp: 1054793
Ion Ratio Lower Upper
99 100
42 18.2 16.3 24.5
71 30.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.930 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.135 min
Lab File: BF133282.D
Acq: 06 May 2023 00:59

Tgt Ion: 70 Resp: 84396
Ion Ratio Lower Upper
70 100
42 52.4 51.8 77.6
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#



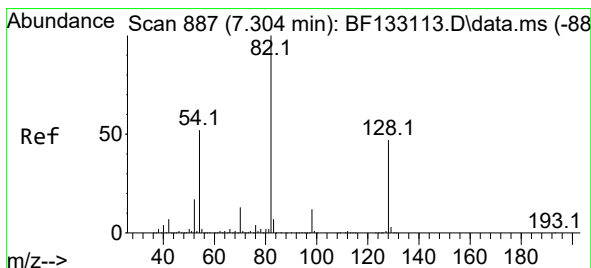
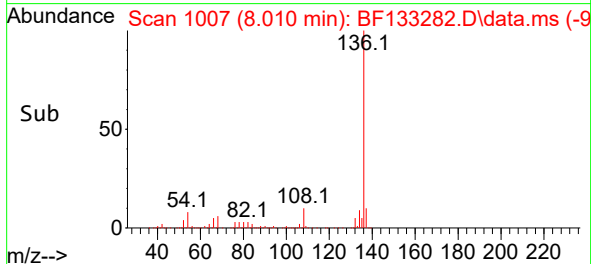
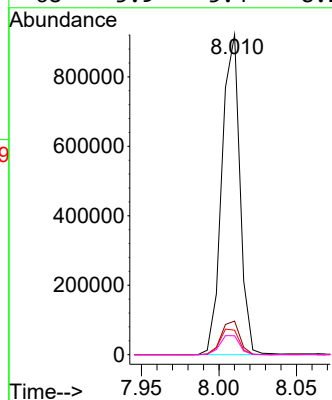
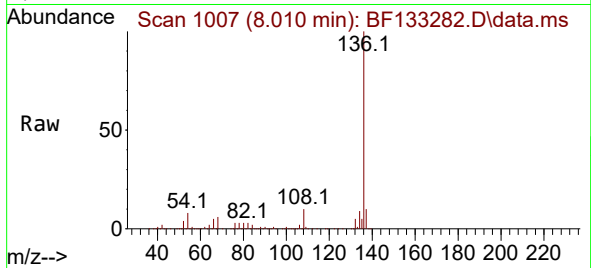


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133282.D
Acq: 06 May 2023 00:59

Instrument :
BNA_F
ClientSampleId :
WZ-2B

Tgt Ion:136 Resp: 745950

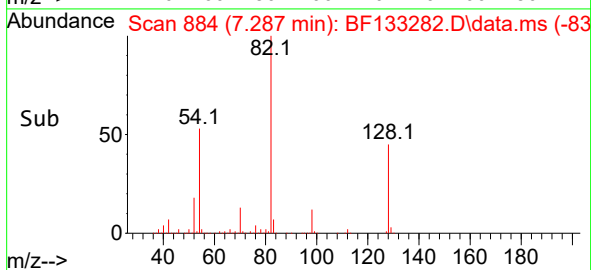
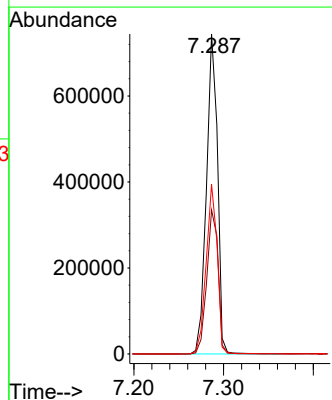
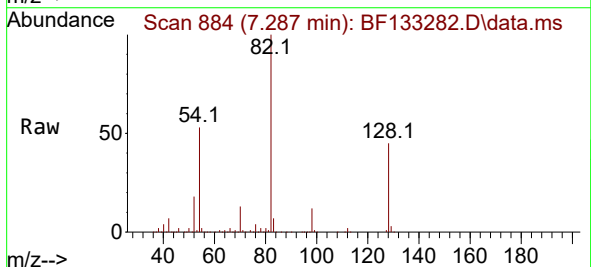
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.7	7.0	10.4
68	5.9	5.4	8.2

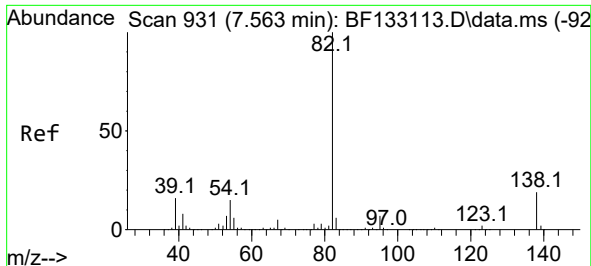


#23
Nitrobenzene-d5
Concen: 46.011 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF133282.D
Acq: 06 May 2023 00:59

Tgt Ion: 82 Resp: 635860

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.7	56.5
54	53.1	43.0	64.4

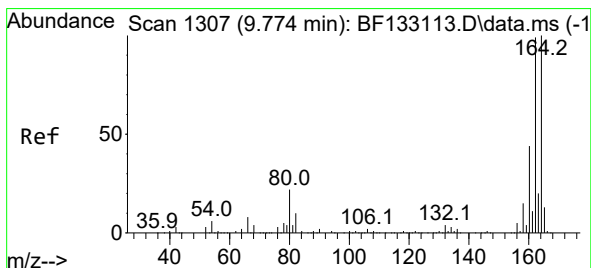
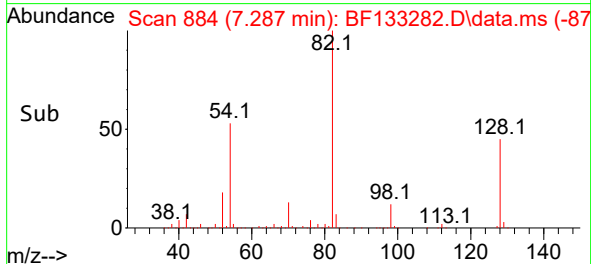
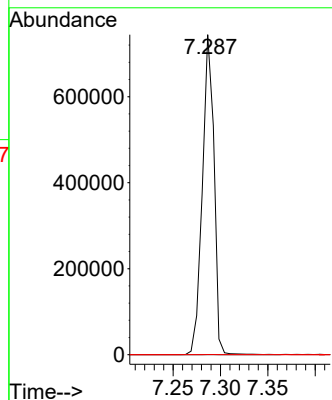
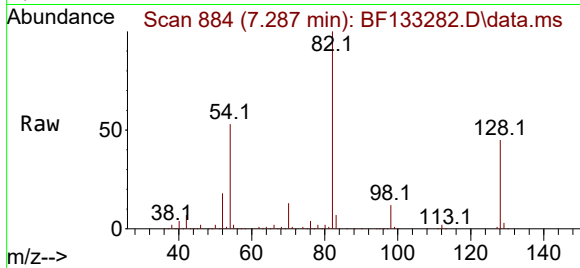




#25
Isophorone
Concen: 24.233 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133282.D
Acq: 06 May 2023 00:59

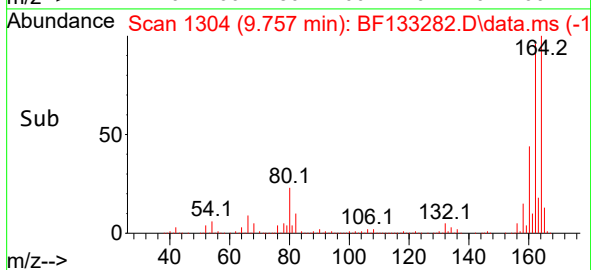
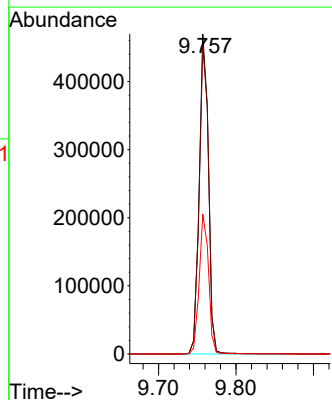
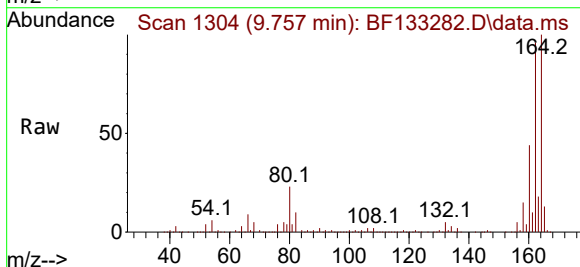
Instrument :
BNA_F
ClientSampleId :
WZ-2B

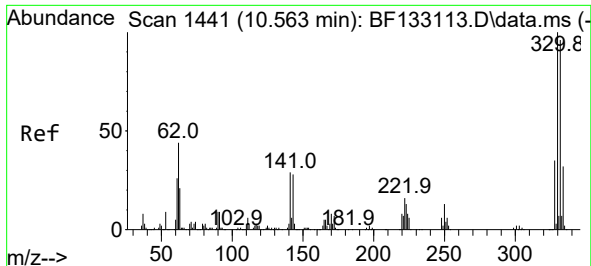
Tgt Ion: 82 Resp: 635849
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133282.D
Acq: 06 May 2023 00:59

Tgt Ion: 164 Resp: 388223
Ion Ratio Lower Upper
164 100
162 96.1 78.7 118.1
160 43.7 35.8 53.6

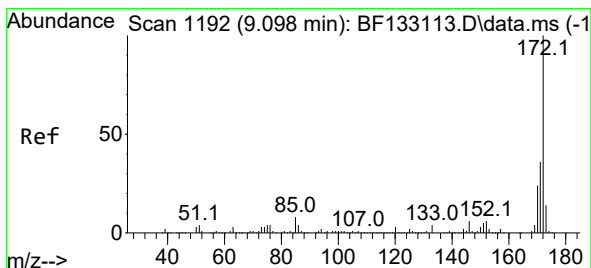
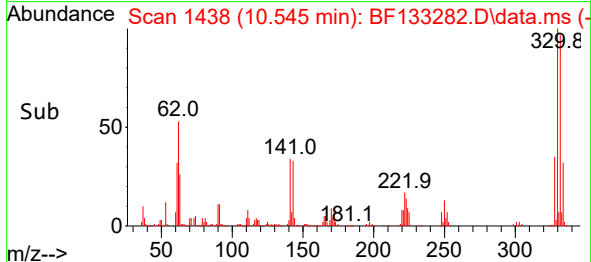
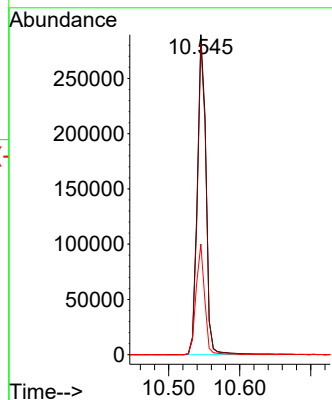
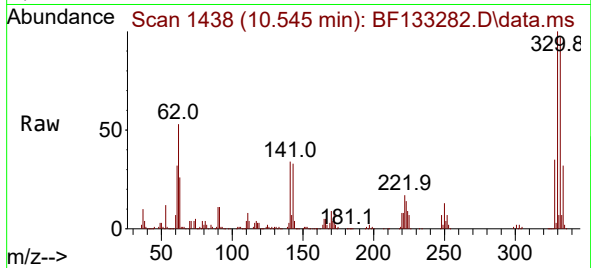




#42
2,4,6-Tribromophenol
Concen: 63.327 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133282.D
Acq: 06 May 2023 00:59

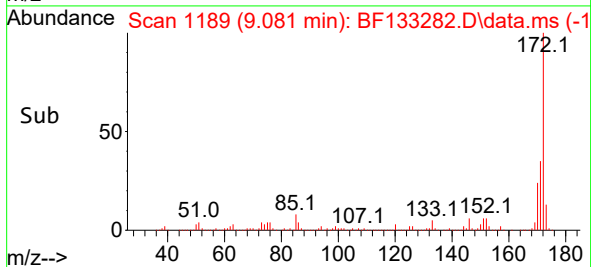
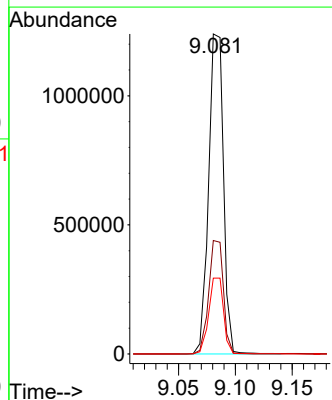
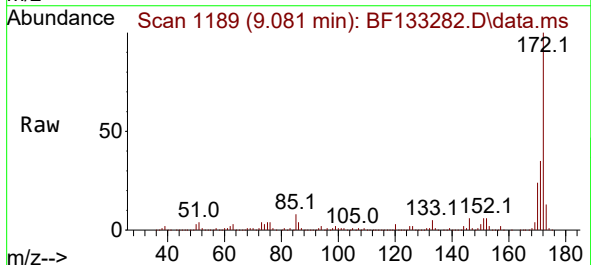
Instrument :
BNA_F
ClientSampleId :
WZ-2B

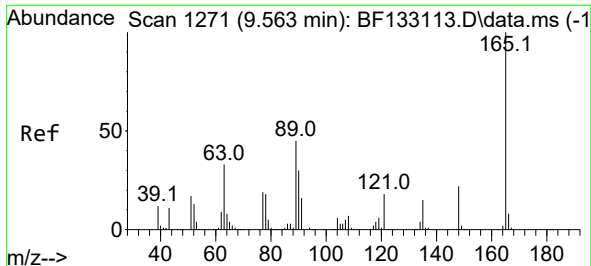
Tgt Ion:330 Resp: 247250
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 34.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 48.382 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BF133282.D
Acq: 06 May 2023 00:59

Tgt Ion:172 Resp: 1122711
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.7 19.4 29.2

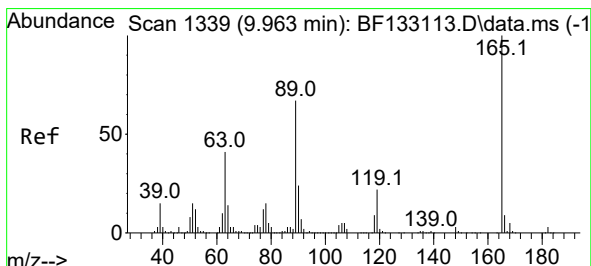
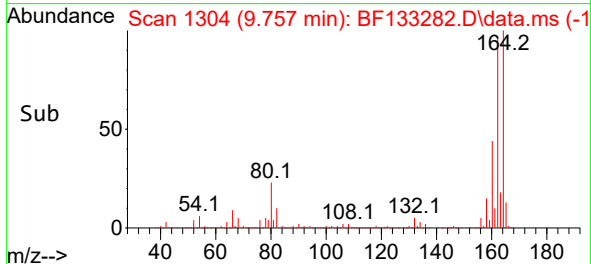
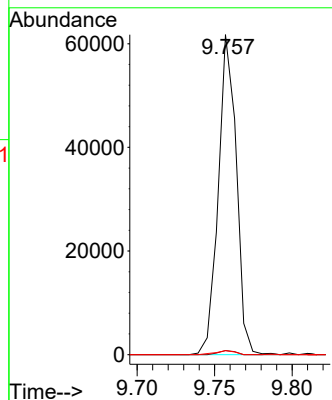
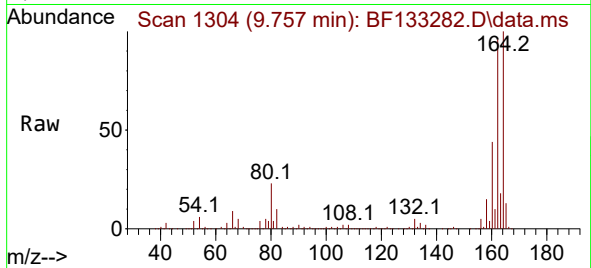




#51
2,6-Dinitrotoluene
Concen: 8.205 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133282.D
Acq: 06 May 2023 00:59

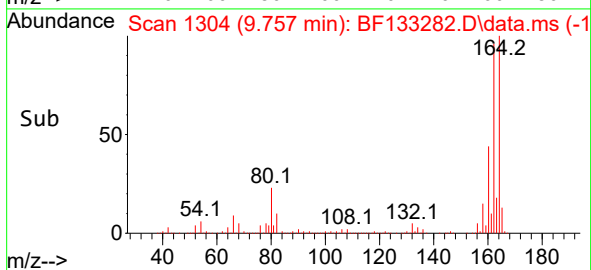
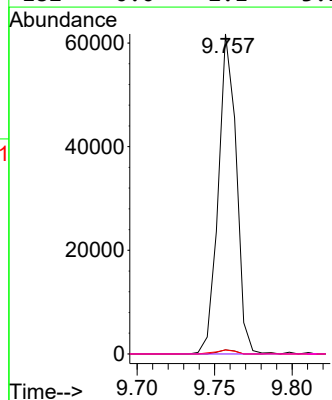
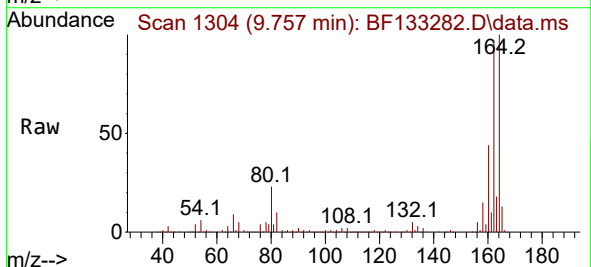
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BNA_F
ClientSampleId :
WZ-2B

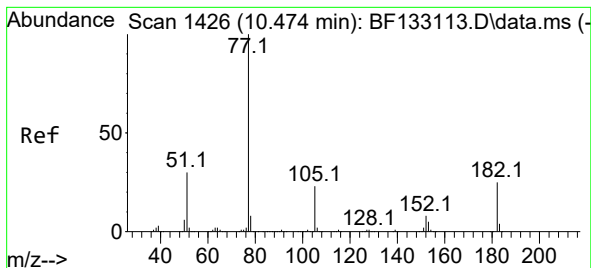
Tgt Ion:165 Resp: 49990
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.2 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.434 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133282.D
Acq: 06 May 2023 00:59

Tgt Ion:165 Resp: 49990
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 3.729 ng

RT: 10.469 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF133282.D

Acq: 06 May 2023 00:59

Instrument :

BNA_F

ClientSampleId :

WZ-2B

Tgt Ion: 77 Resp: 101016

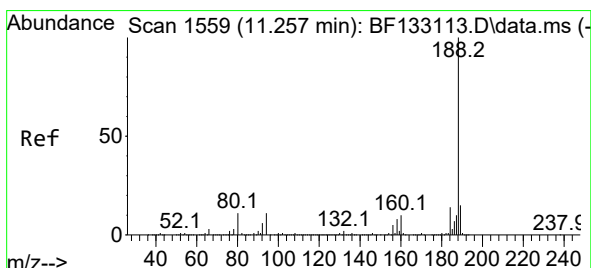
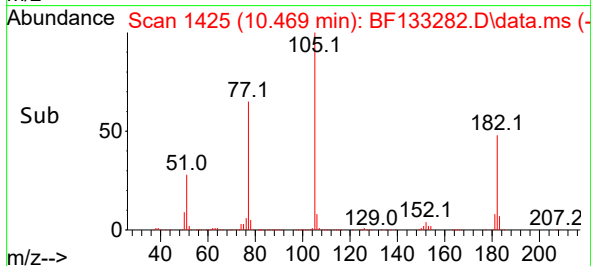
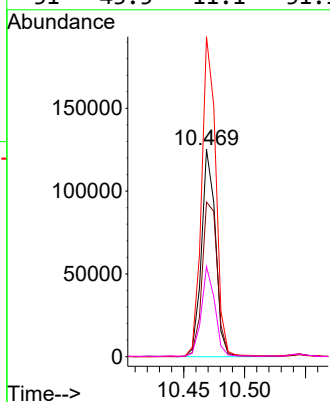
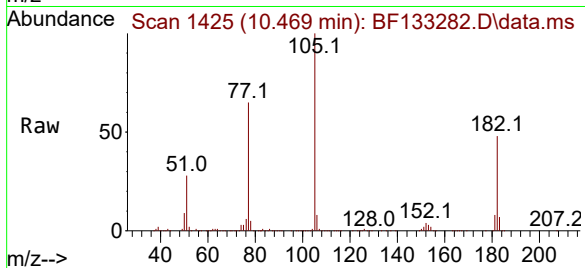
Ion Ratio Lower Upper

77 100

182 74.7 5.9 45.9#

105 154.4 2.3 42.3#

51 43.5 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1556

Delta R.T. -0.006 min

Lab File: BF133282.D

Acq: 06 May 2023 00:59

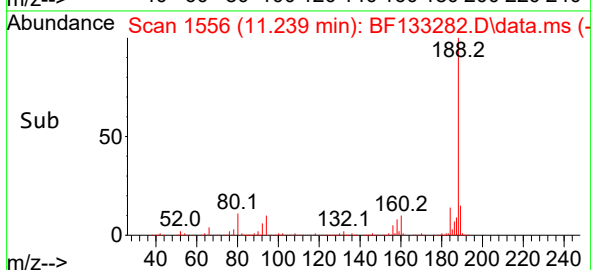
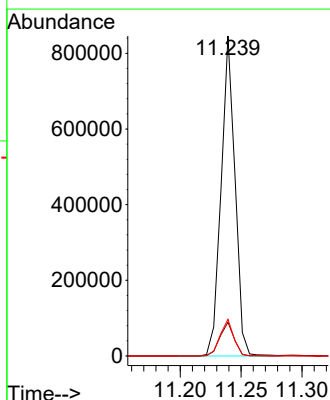
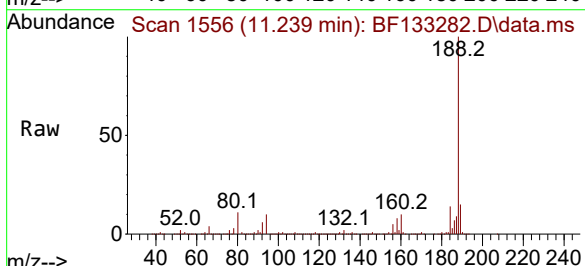
Tgt Ion:188 Resp: 672987

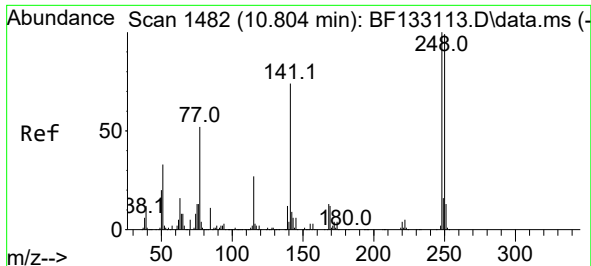
Ion Ratio Lower Upper

188 100

94 10.5 9.7 14.5

80 11.4 10.4 15.6

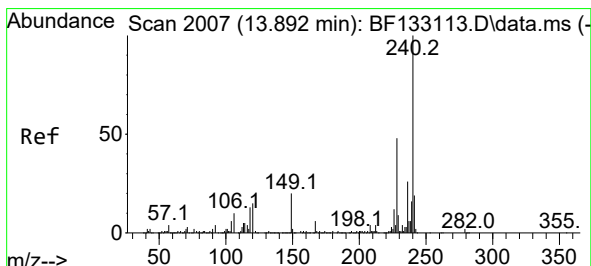
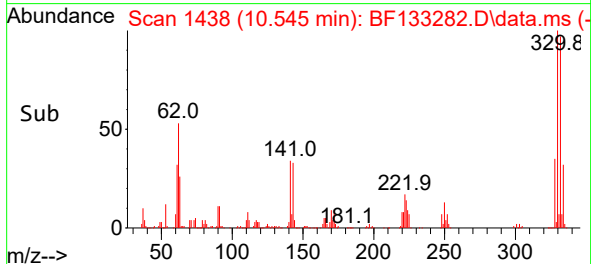
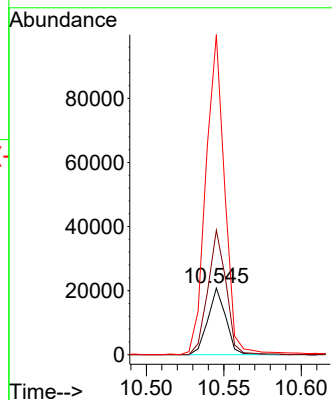
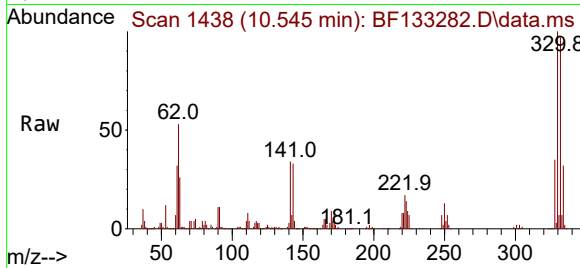




#67
4-Bromophenyl-phenylether
Concen: 2.299 ng
RT: 10.545 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF133282.D
Acq: 06 May 2023 00:59

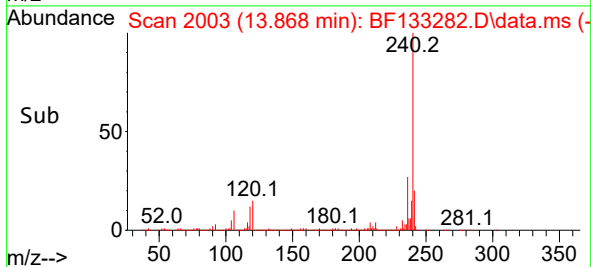
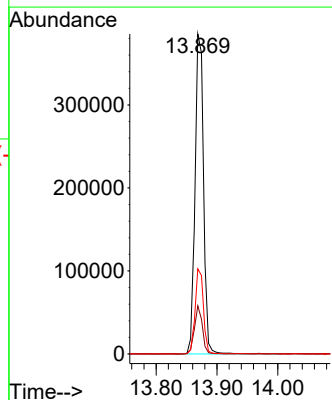
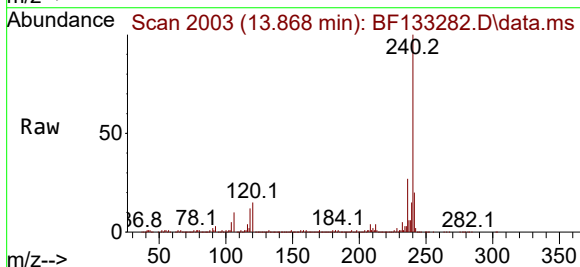
Instrument :
BNA_F
ClientSampleId :
WZ-2B

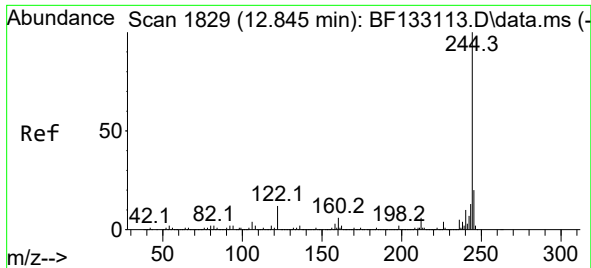
Tgt Ion:248 Resp: 16781
Ion Ratio Lower Upper
248 100
250 186.8 78.7 118.1#
141 480.5 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133282.D
Acq: 06 May 2023 00:59

Tgt Ion:240 Resp: 372723
Ion Ratio Lower Upper
240 100
120 15.1 10.5 15.7
236 26.6 21.5 32.3

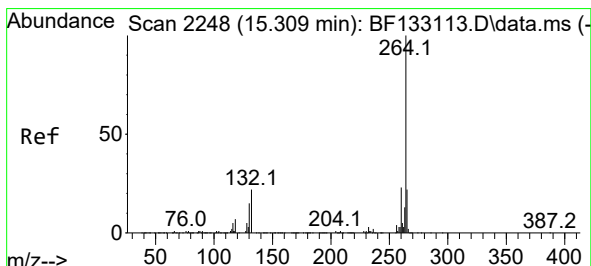
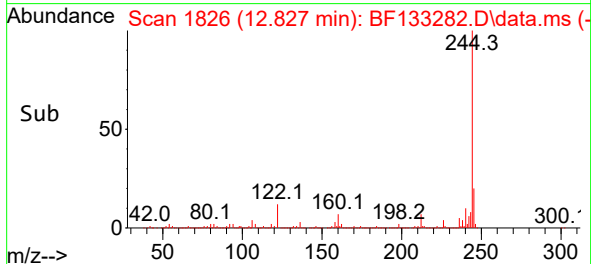
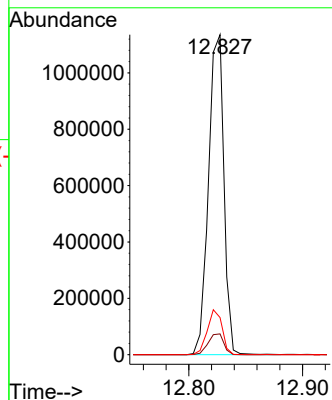
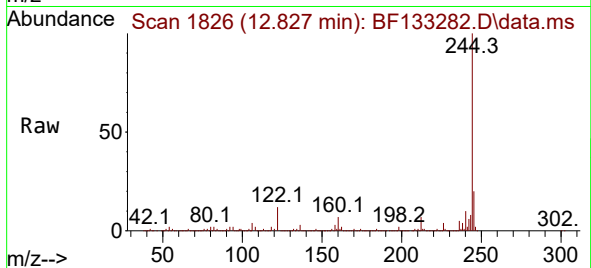




#79
 Terphenyl-d14
 Concen: 49.497 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133282.D
 Acq: 06 May 2023 00:59

Instrument :
 BNA_F
 ClientSampleId :
 WZ-2B

Tgt Ion:244 Resp: 1069689
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF133282.D
 Acq: 06 May 2023 00:59

Tgt Ion:264 Resp: 362396
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.8 28.2
 265 21.7 17.0 25.4

