

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133333.D
 Acq On : 10 May 2023 16:28
 Operator : CG\JU
 Sample : 02719-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01_5-7_20230509

Quant Time: May 10 17:56:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

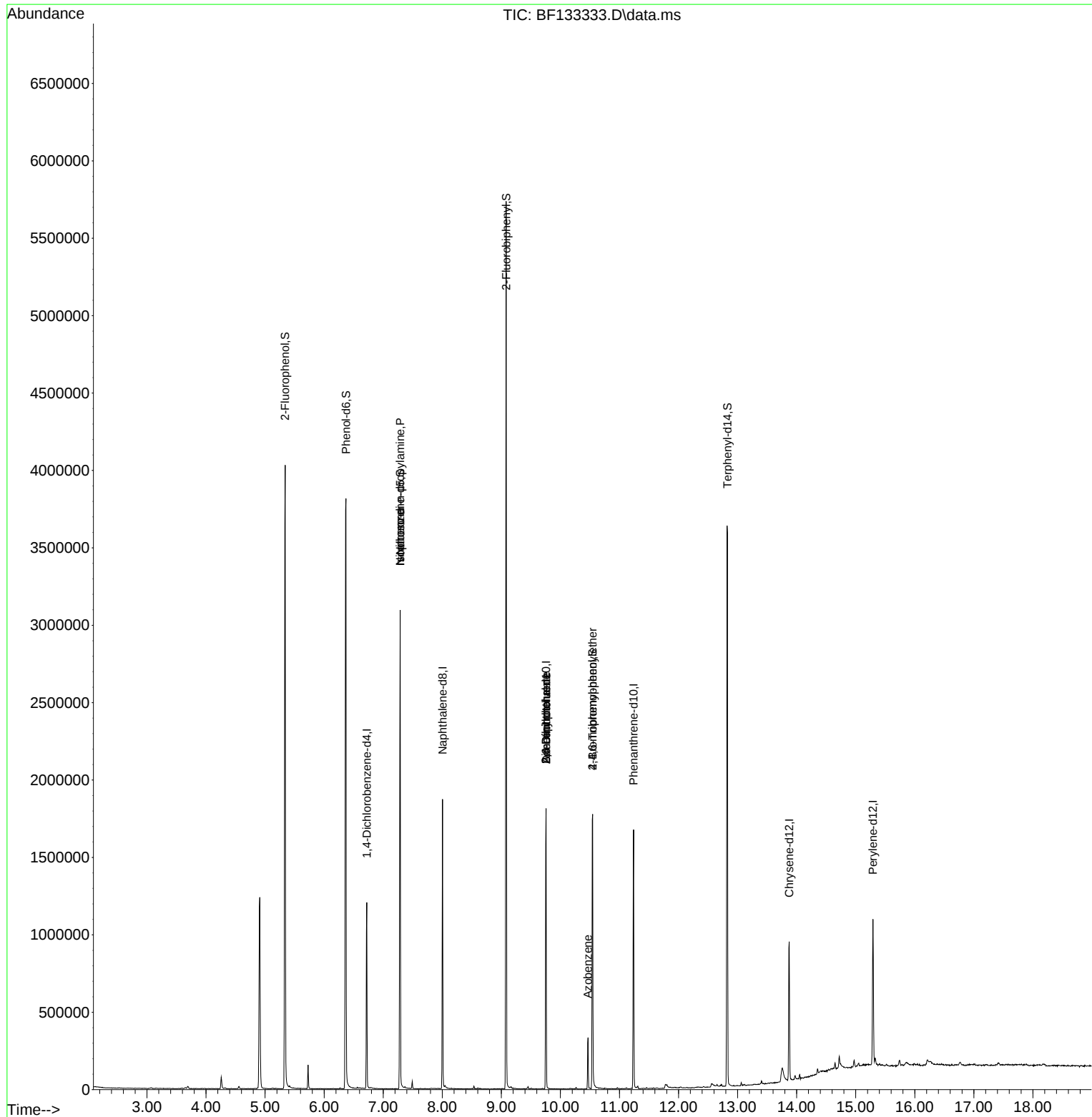
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	173066	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	701027	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	356995	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	594169	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	305314	20.000	ng	0.00
86) Perylene-d12	15.292	264	397027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1220942	106.570	ng	0.01
7) Phenol-d6	6.369	99	1459162	102.612	ng	0.00
23) Nitrobenzene-d5	7.287	82	914883	70.443	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	216387	60.270	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1585079	74.282	ng	0.00
79) Terphenyl-d14	12.827	244	1382198	78.078	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.269	77	1110	Below Cal	#	85
19) n-Nitroso-di-n-propyla...	7.287	70	118685	13.406	ng	# 75
25) Isophorone	7.287	82	914873	37.101	ng	# 63
50) Dimethylphthalate	9.757	163	73623	2.958	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	45529	8.126	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	45529	6.372	ng	# 23
63) Azobenzene	10.463	77	57783	2.320	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	14861	2.306	ng	# 1

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

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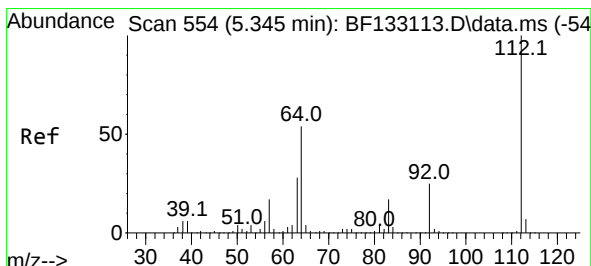
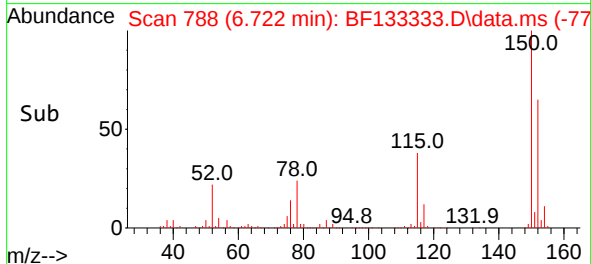
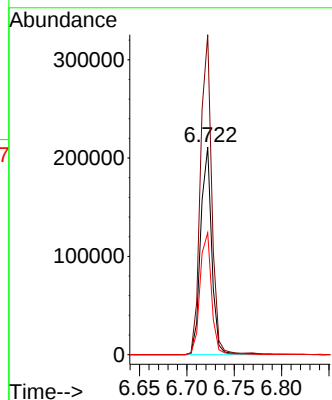
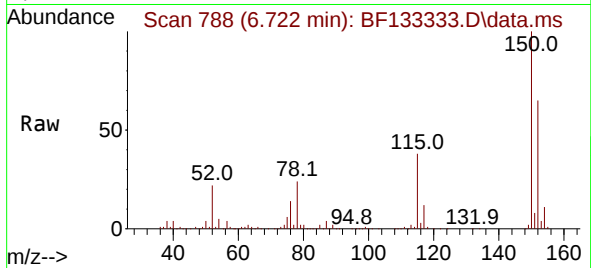




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

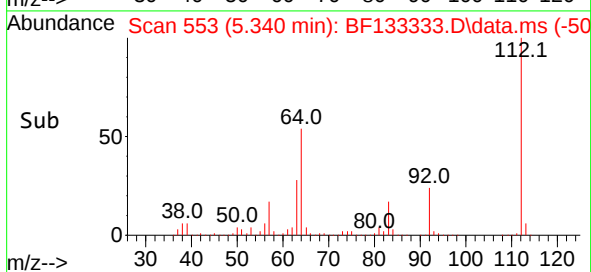
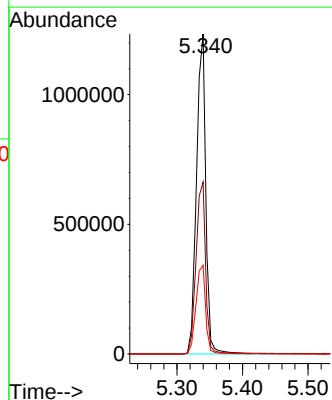
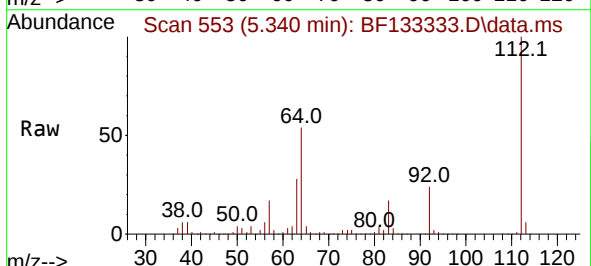
Instrument :
BNA_F
ClientSampleId :
SB-01_5-7_20230509

Tgt Ion:152 Resp: 173066
Ion Ratio Lower Upper
152 100
150 154.2 124.8 187.2
115 58.7 49.9 74.9



#5
2-Fluorophenol
Concen: 106.570 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

Tgt Ion:112 Resp: 1220942
Ion Ratio Lower Upper
112 100
64 53.7 46.8 70.2
63 27.7 23.8 35.8

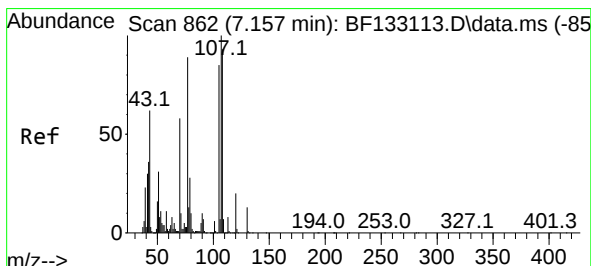
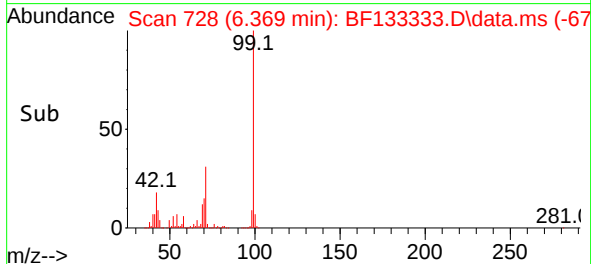
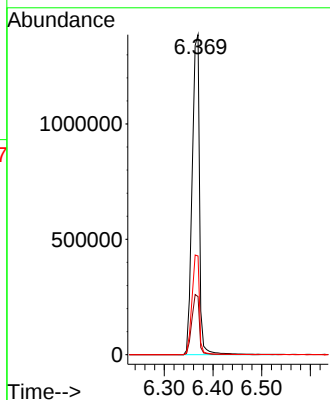
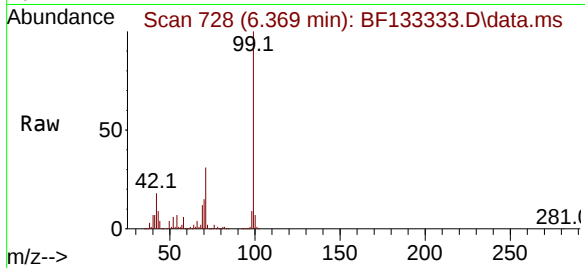




#7
Phenol-d6
Concen: 102.612 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

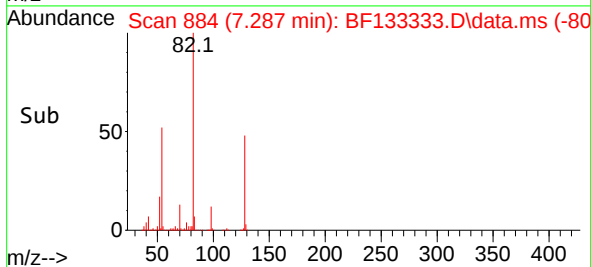
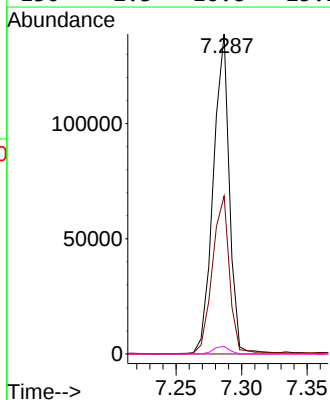
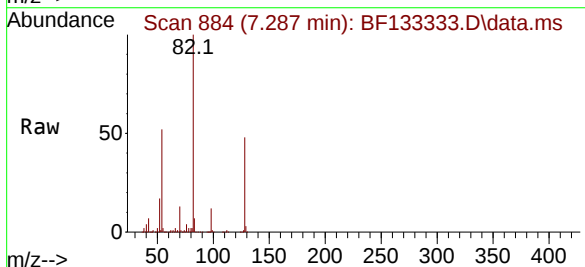
Instrument :
BNA_F
ClientSampleId :
SB-01_5-7_20230509

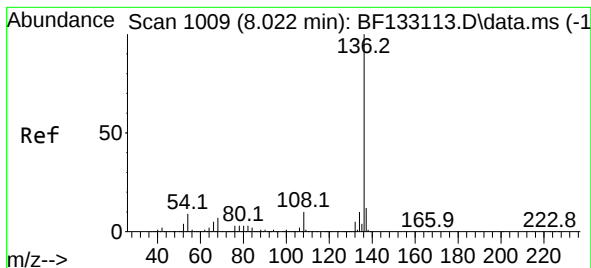
Tgt Ion: 99 Resp: 1459162
Ion Ratio Lower Upper
99 100
42 18.2 16.3 24.5
71 30.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.406 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

Tgt Ion: 70 Resp: 118685
Ion Ratio Lower Upper
70 100
42 49.3 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133333.D

Acq: 10 May 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SB-01_5-7_20230509

Tgt Ion:136 Resp: 701027

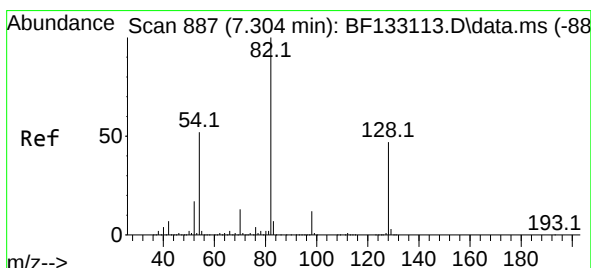
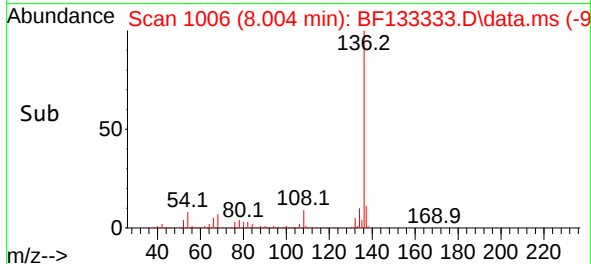
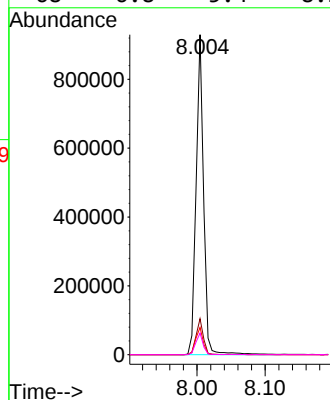
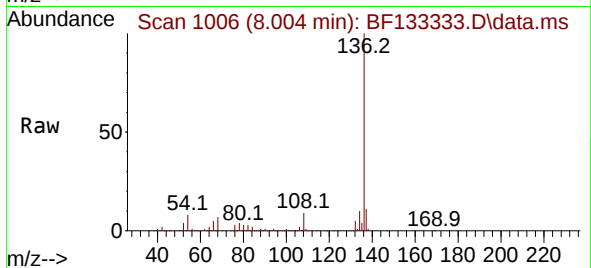
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 8.5 7.0 10.4

68 6.8 5.4 8.2



#23

Nitrobenzene-d5

Concen: 70.443 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133333.D

Acq: 10 May 2023 16:28

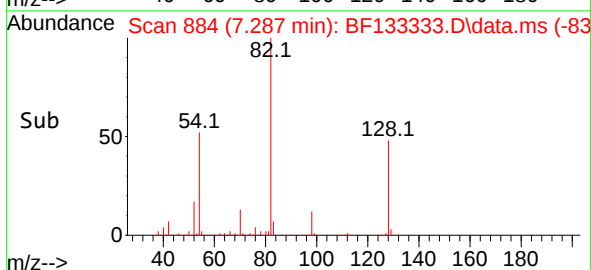
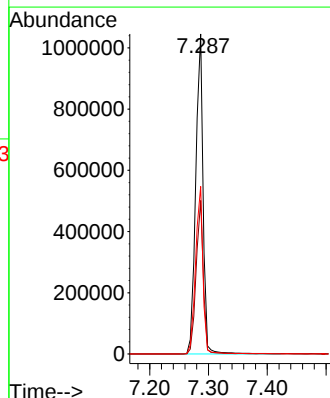
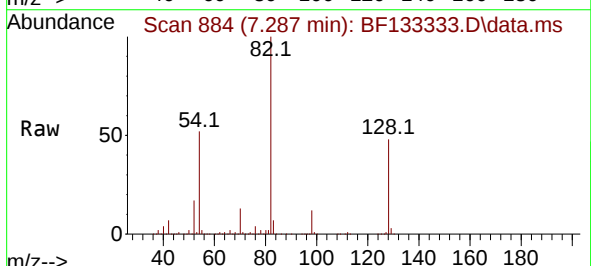
Tgt Ion: 82 Resp: 914883

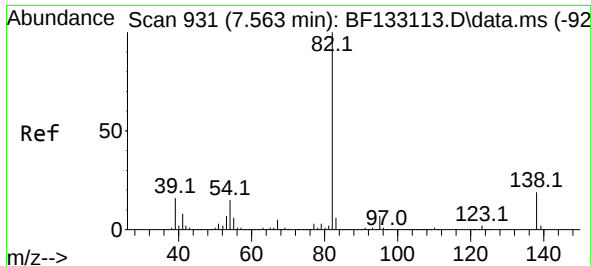
Ion Ratio Lower Upper

82 100

128 48.0 37.7 56.5

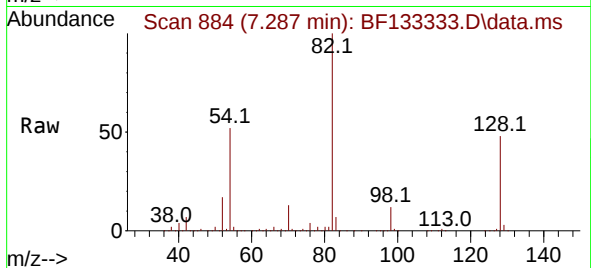
54 52.3 43.0 64.4



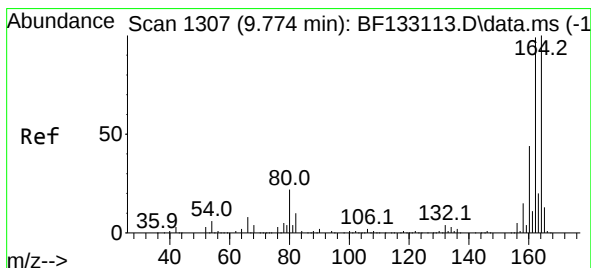
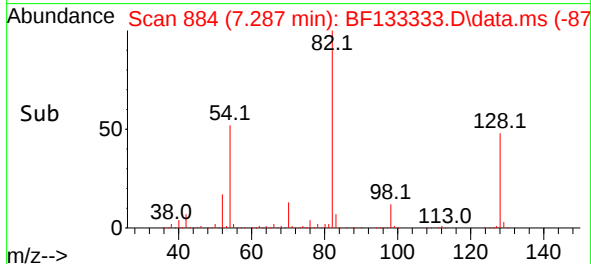
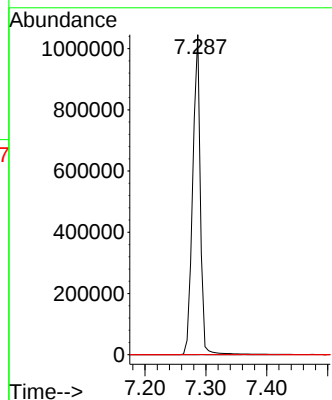


#25
Isophorone
Concen: 37.101 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

Instrument :
BNA_F
ClientSampleId :
SB-01_5-7_20230509

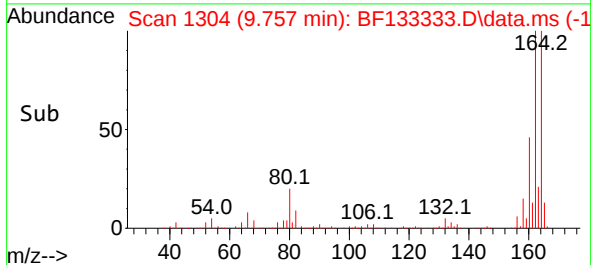
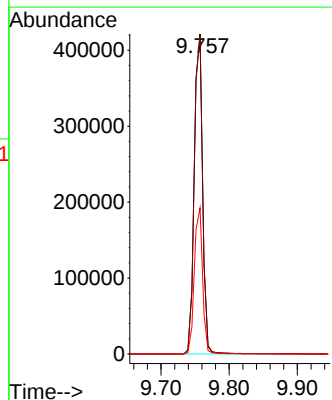
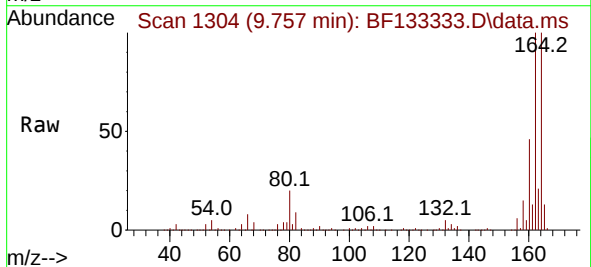


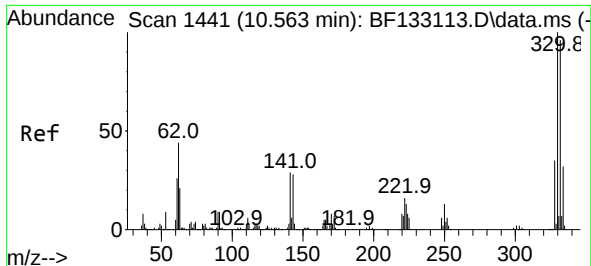
Tgt Ion: 82 Resp: 914873
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

Tgt Ion:164 Resp: 356995
Ion Ratio Lower Upper
164 100
162 99.7 78.7 118.1
160 45.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 60.270 ng

RT: 10.545 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133333.D

Acq: 10 May 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SB-01_5-7_20230509

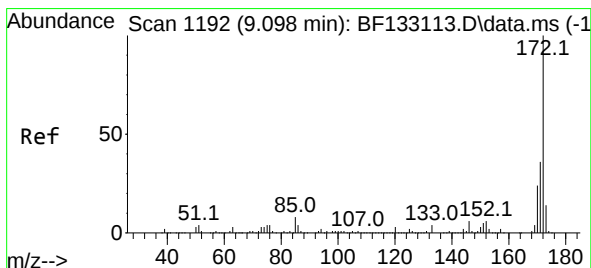
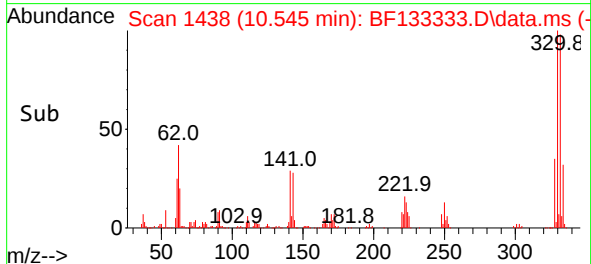
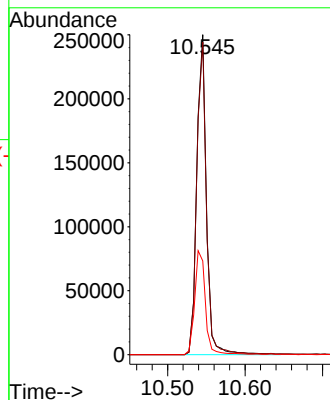
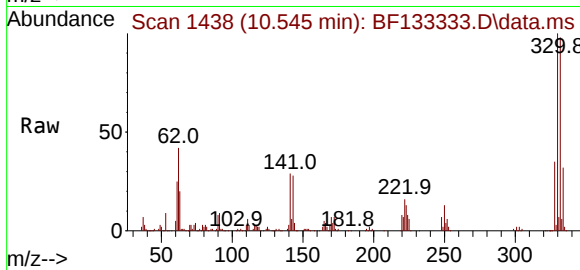
Tgt Ion:330 Resp: 216387

Ion Ratio Lower Upper

330 100

332 98.9 77.1 115.7

141 36.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 74.282 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133333.D

Acq: 10 May 2023 16:28

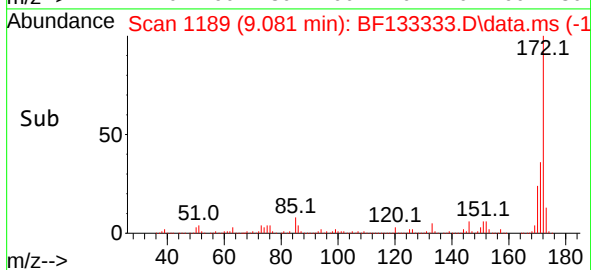
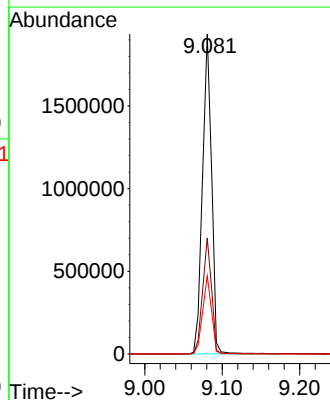
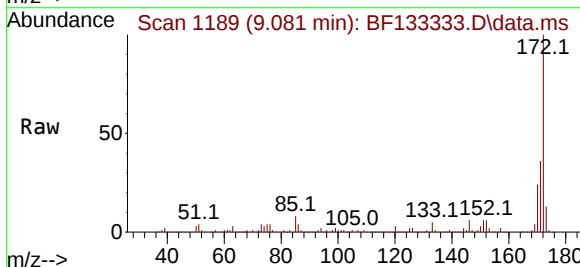
Tgt Ion:172 Resp: 1585079

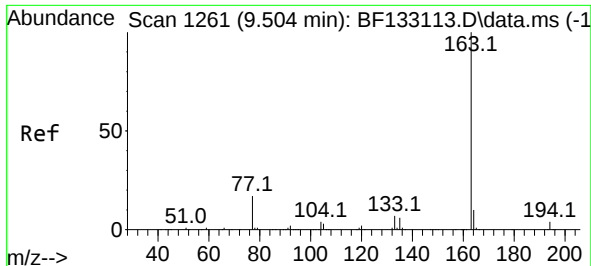
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.4 19.4 29.2

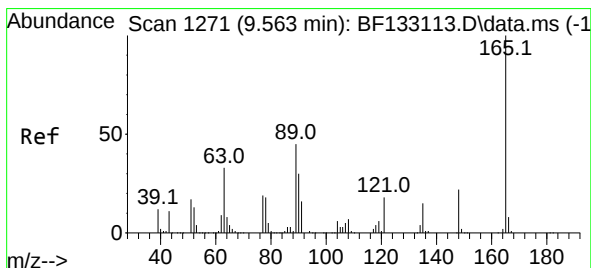
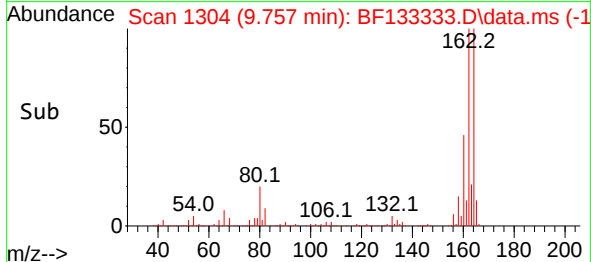
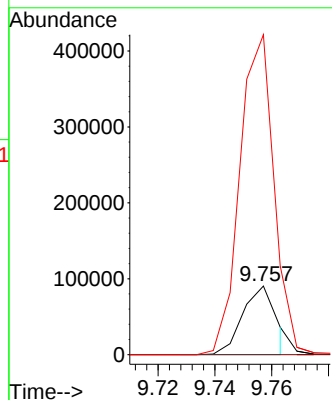
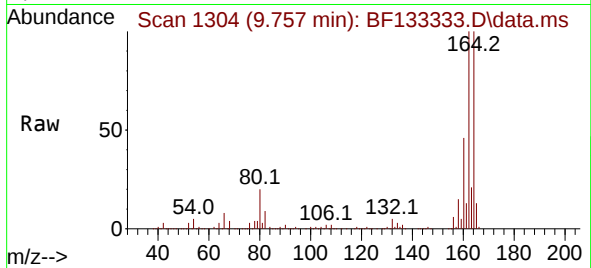




#50
Dimethylphthalate
Concen: 2.958 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

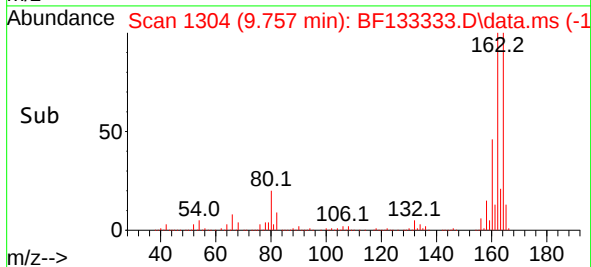
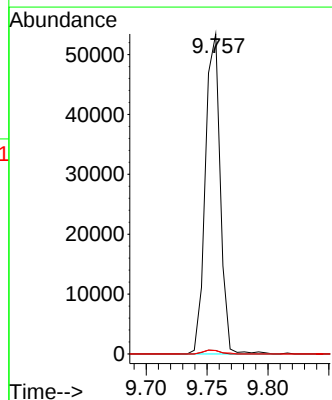
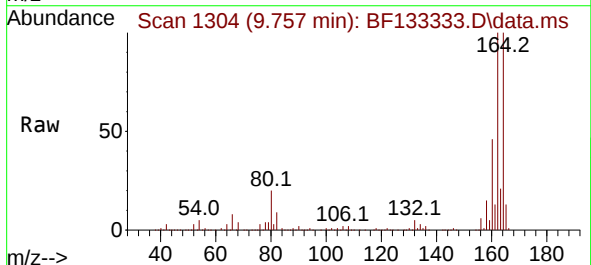
Instrument :
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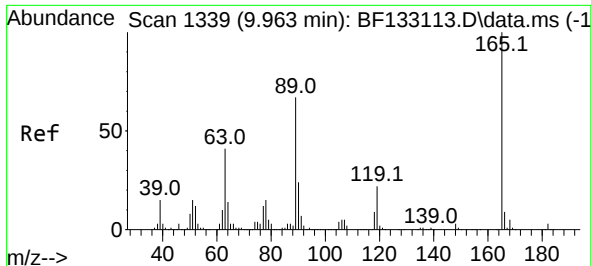
Tgt Ion:163 Resp: 73623
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 466.1 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.126 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

Tgt Ion:165 Resp: 45529
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.1 44.0 66.0#

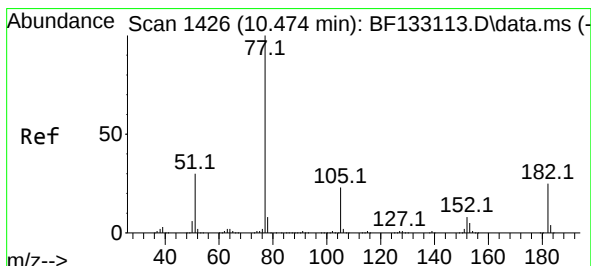
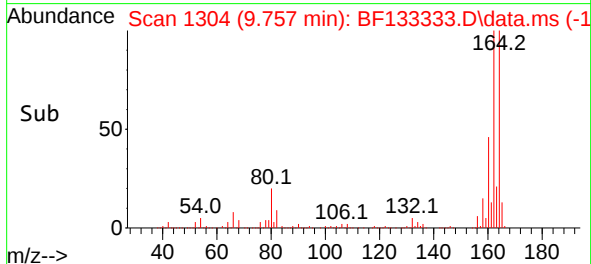
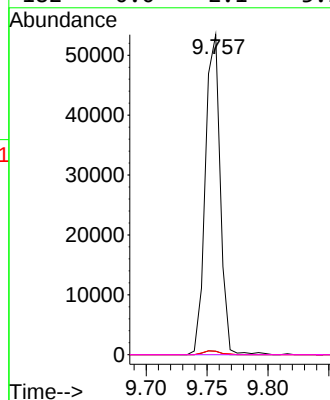
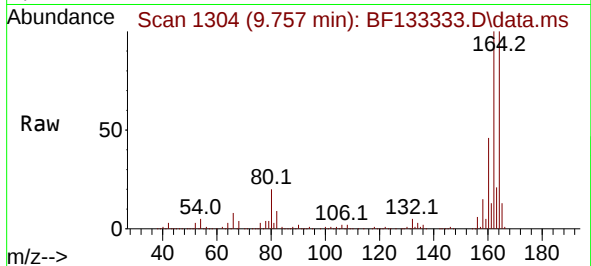




#57
2,4-Dinitrotoluene
Concen: 6.372 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

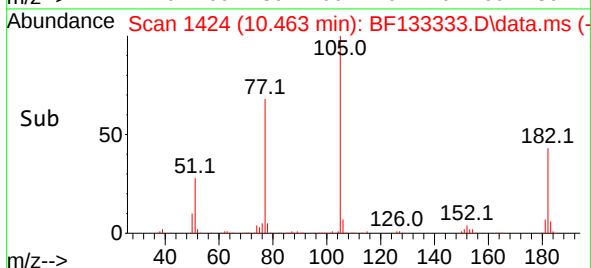
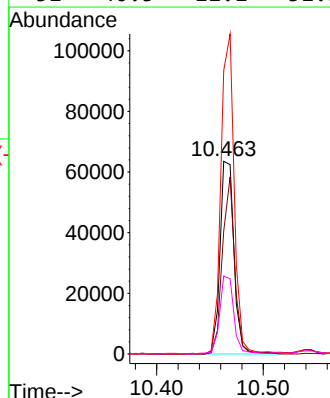
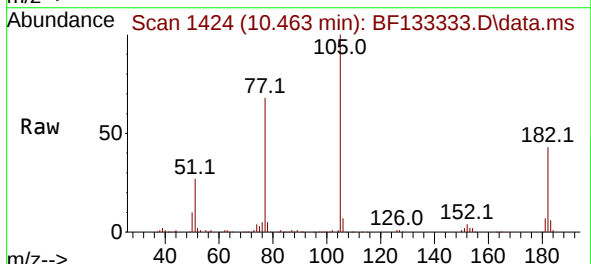
Instrument :
BNA_F
ClientSampleId :
SB-01_5-7_20230509

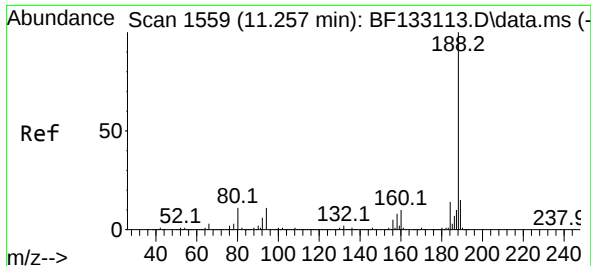
Tgt Ion:	165	Resp:	45529
Ion	Ratio	Lower	Upper
165	100		
63	1.1	37.7	56.5#
89	1.1	57.0	85.4#
182	0.0	2.1	3.1#



#63
Azobenzene
Concen: 2.320 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

Tgt Ion:	77	Resp:	57783
Ion	Ratio	Lower	Upper
77	100		
182	63.8	5.9	45.9#
105	147.1	2.3	42.3#
51	40.5	11.1	51.1

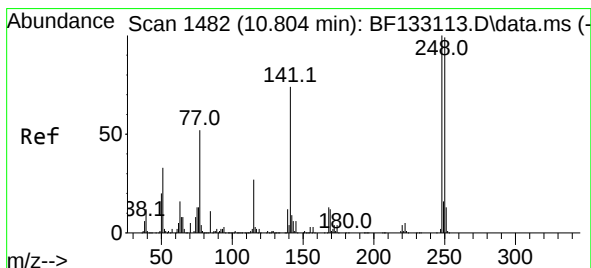
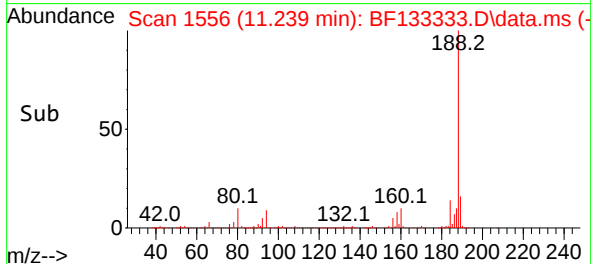
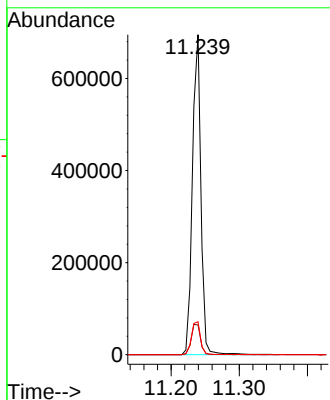
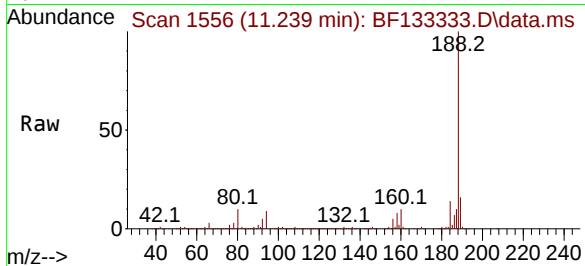




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

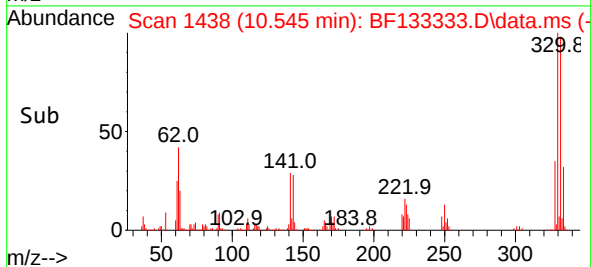
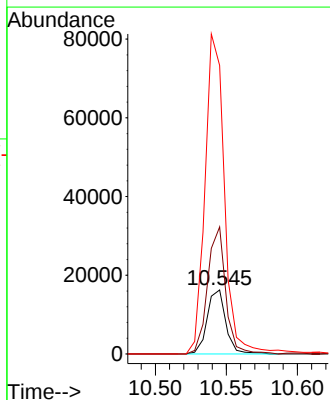
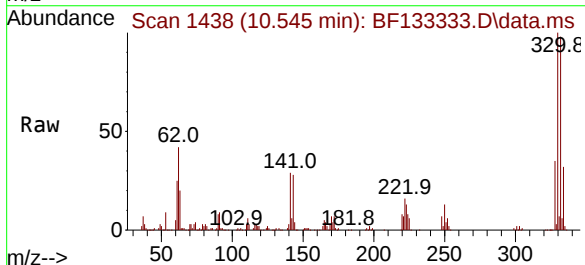
Instrument :
BNA_F
ClientSampleId :
SB-01_5-7_20230509

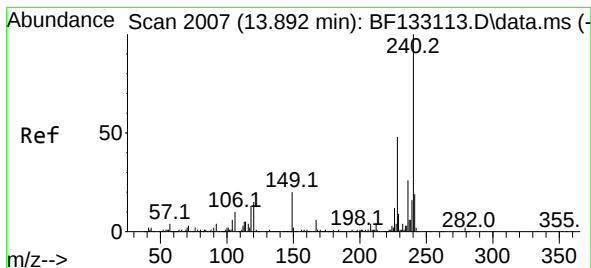
Tgt Ion:188 Resp: 594169
Ion Ratio Lower Upper
188 100
94 9.3 9.7 14.5#
80 10.3 10.4 15.6#



#67
4-Bromophenyl-phenylether
Concen: 2.306 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

Tgt Ion:248 Resp: 14861
Ion Ratio Lower Upper
248 100
250 198.3 78.7 118.1#
141 450.4 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133333.D

Acq: 10 May 2023 16:28

Instrument :

BNA_F

ClientSampleId :

SB-01_5-7_20230509

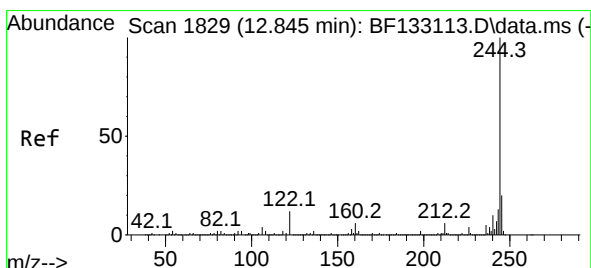
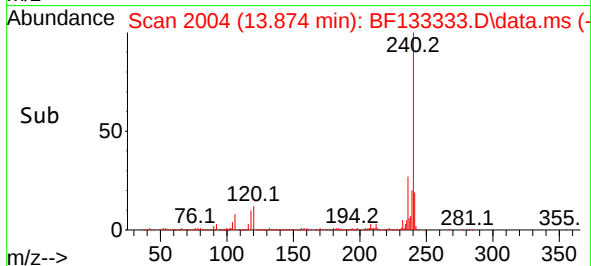
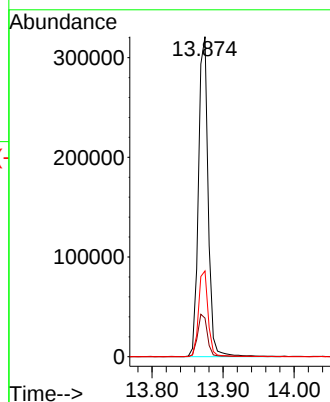
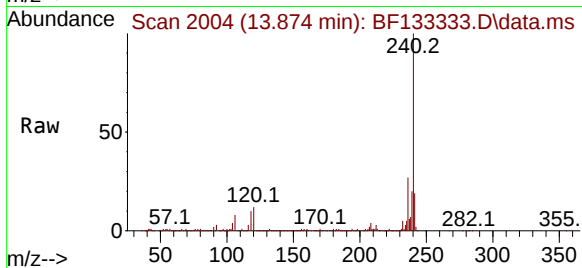
Tgt Ion:240 Resp: 305314

Ion Ratio Lower Upper

240 100

120 12.1 10.5 15.7

236 26.8 21.5 32.3



#79

Terphenyl-d14

Concen: 78.078 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF133333.D

Acq: 10 May 2023 16:28

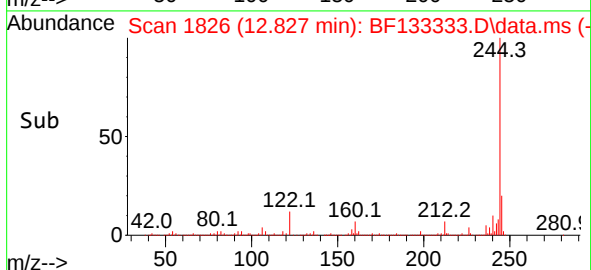
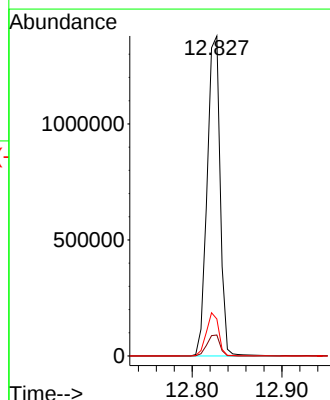
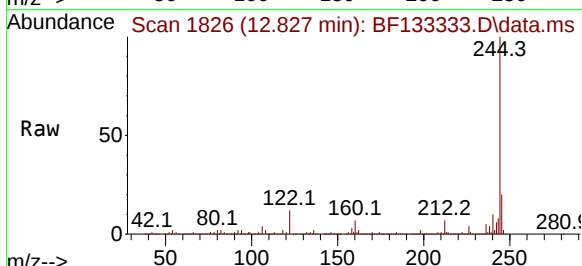
Tgt Ion:244 Resp: 1382198

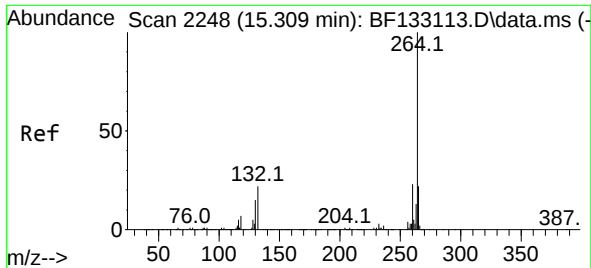
Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

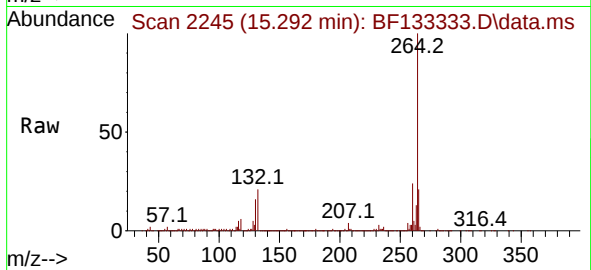
122 11.6 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.292 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133333.D
Acq: 10 May 2023 16:28

Instrument :
BNA_F
ClientSampleId :
SB-01_5-7_20230509



Tgt Ion:264 Resp: 397027

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.0	17.0	25.4

