

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133233.D
 Acq On : 04 May 2023 16:27
 Operator : CG\JU
 Sample : PB152566BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152566BL

Quant Time: May 04 16:59:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

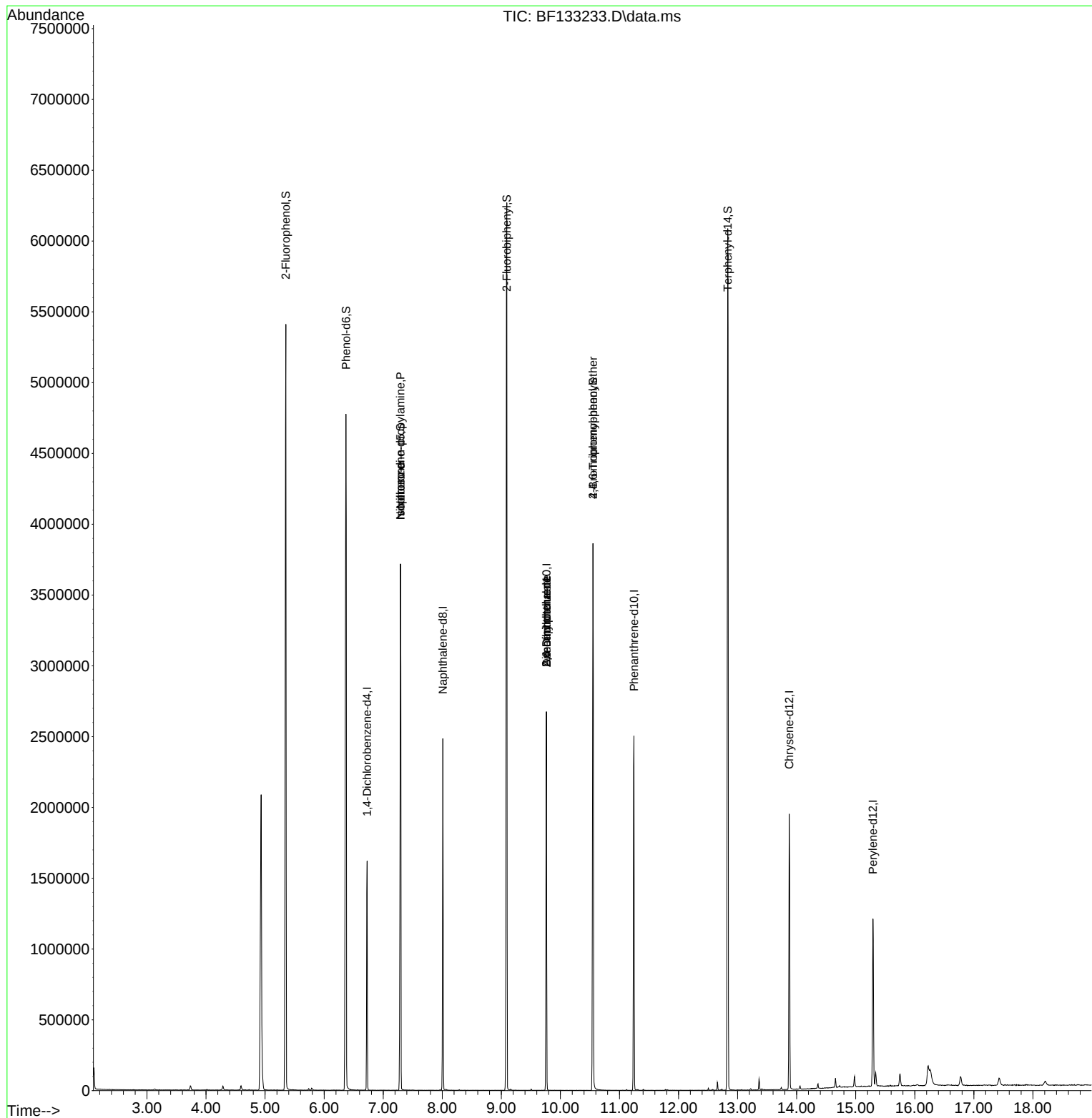
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	223621	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	938039	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	508294	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	924234	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	632981	20.000	ng	-0.01
86) Perylene-d12	15.292	264	507411	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1735635	117.246	ng	0.02
7) Phenol-d6	6.369	99	2173460	118.290	ng	0.00
23) Nitrobenzene-d5	7.293	82	1301373	74.884	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	542593	106.144	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2158858	71.057	ng	0.00
79) Terphenyl-d14	12.833	244	2547669	69.416	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.369	77	3127	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.293	70	172969	15.121	ng	# 77
25) Isophorone	7.293	82	1297959	39.337	ng	# 63
50) Dimethylphthalate	9.763	163	103764	2.928	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	64491	8.084	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	64491	6.339	ng	# 24
67) 4-Bromophenyl-phenylether	10.551	248	33776	3.370	ng	# 1

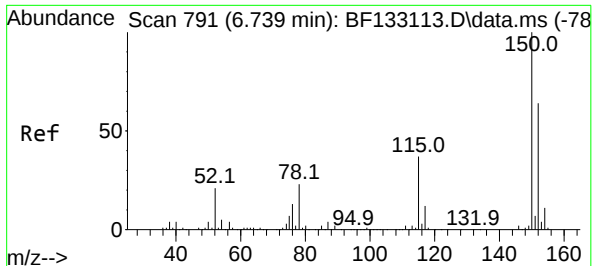
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 04 12:22:53 2023
Response via : Initial Calibration

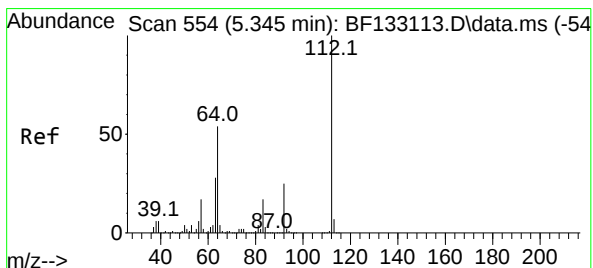
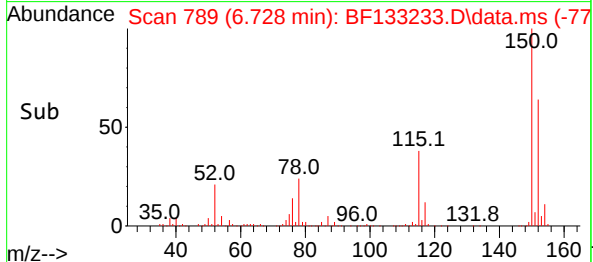
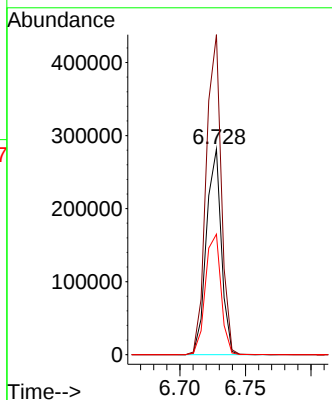
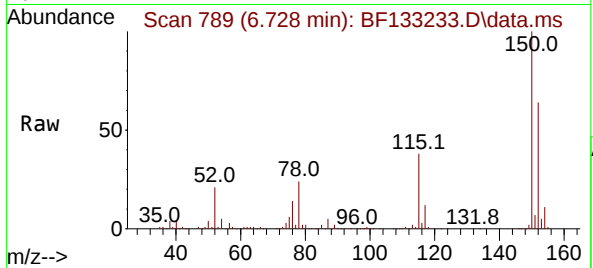




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

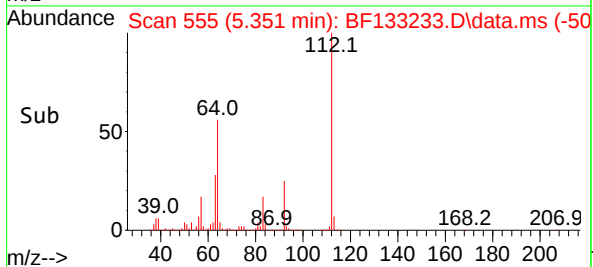
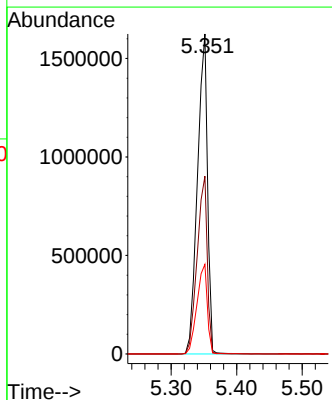
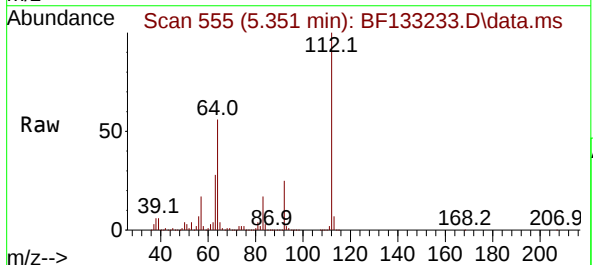
Instrument :
BNA_F
ClientSampleId :
PB152566BL

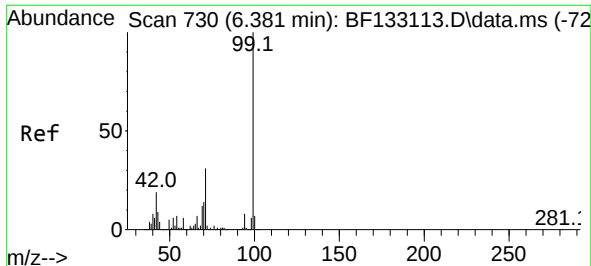
Tgt Ion:152 Resp: 223621
Ion Ratio Lower Upper
152 100
150 155.7 124.8 187.2
115 58.6 49.9 74.9



#5
2-Fluorophenol
Concen: 117.246 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

Tgt Ion:112 Resp: 1735635
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 28.0 23.8 35.8

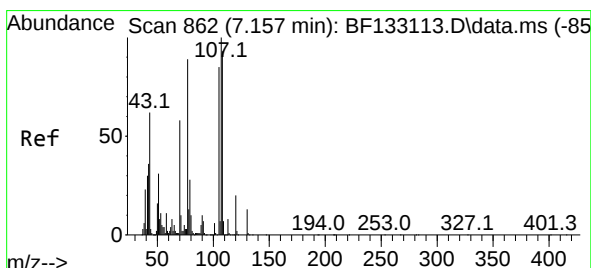
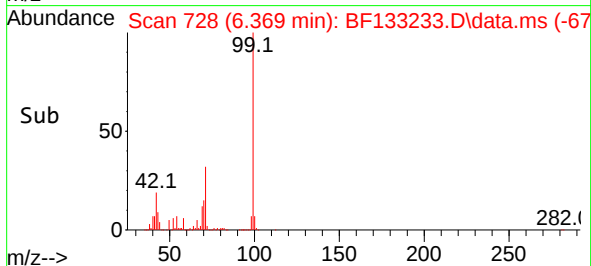
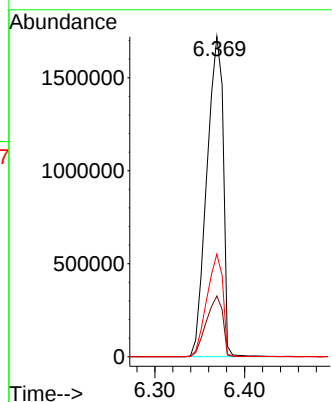
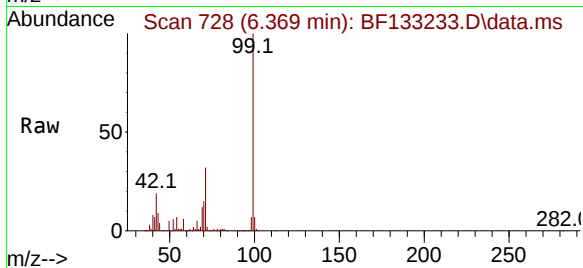




#7
Phenol-d6
Concen: 118.290 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

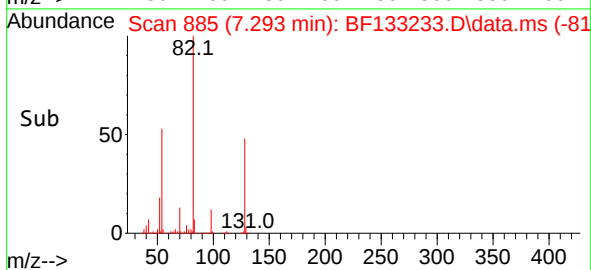
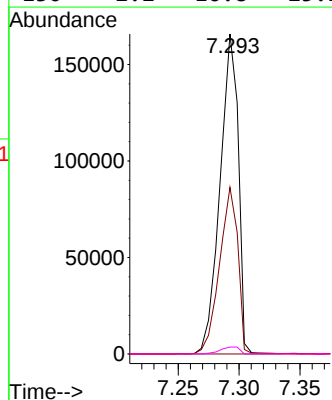
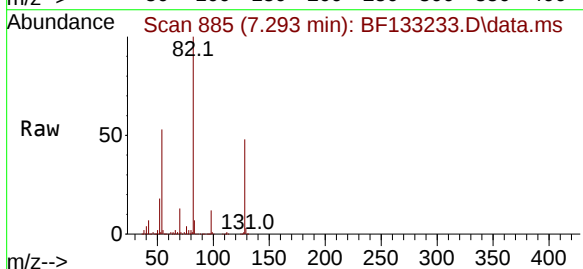
Instrument :
BNA_F
ClientSampleId :
PB152566BL

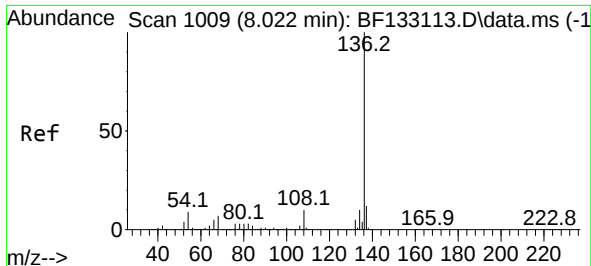
Tgt Ion: 99 Resp: 2173460
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 32.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.121 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

Tgt Ion: 70 Resp: 172969
Ion Ratio Lower Upper
70 100
42 52.0 51.8 77.6
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#



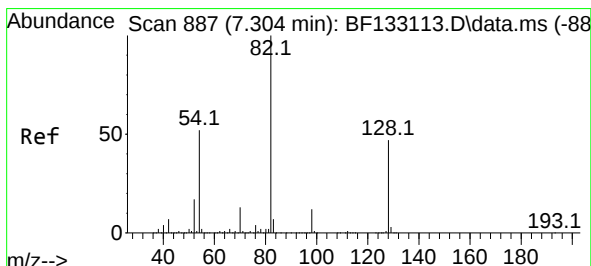
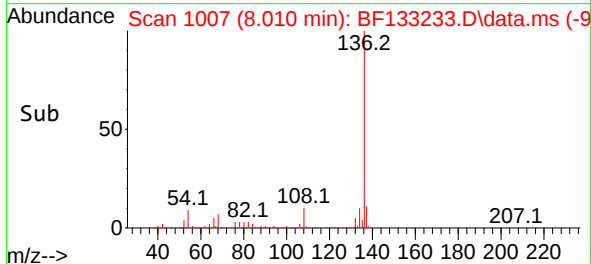
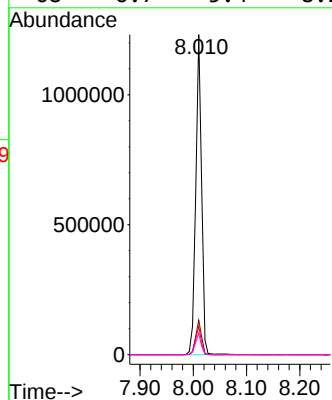
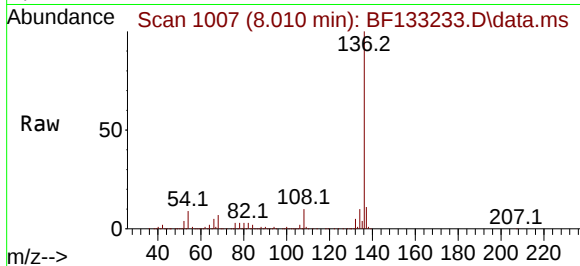


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

Instrument :
BNA_F
ClientSampleId :
PB152566BL

Tgt Ion:136 Resp: 938039

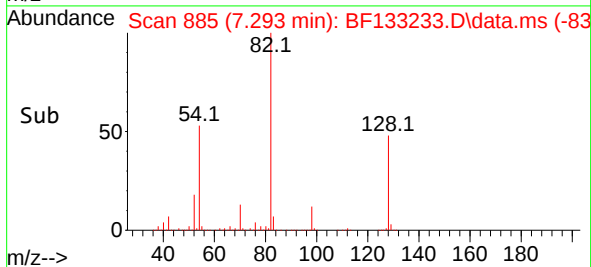
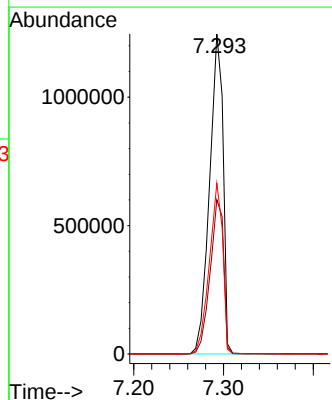
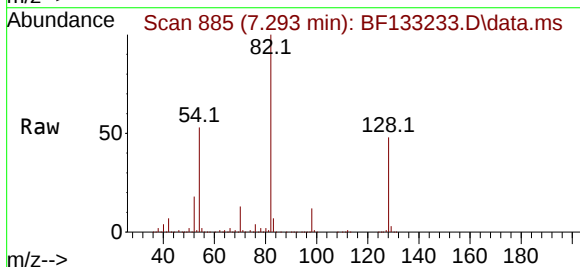
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.8	7.0	10.4
68	6.7	5.4	8.2

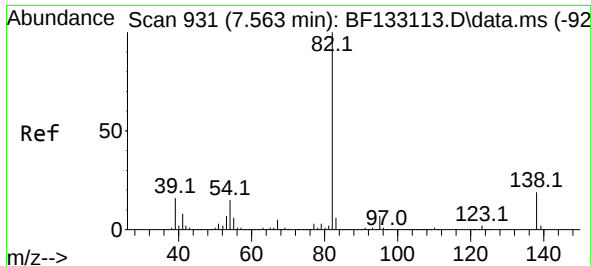


#23
Nitrobenzene-d5
Concen: 74.884 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

Tgt Ion: 82 Resp: 1301373

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.7	56.5
54	53.3	43.0	64.4

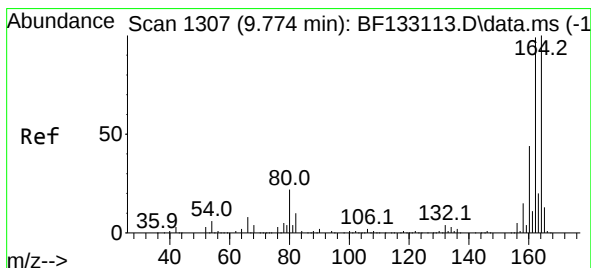
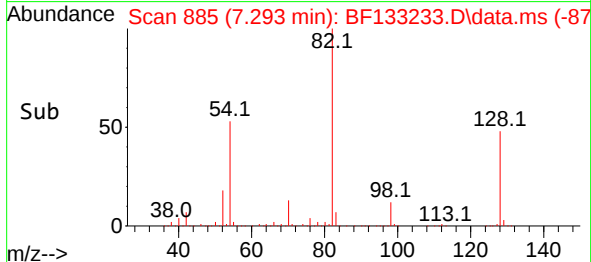
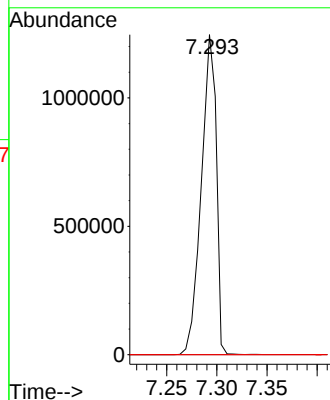
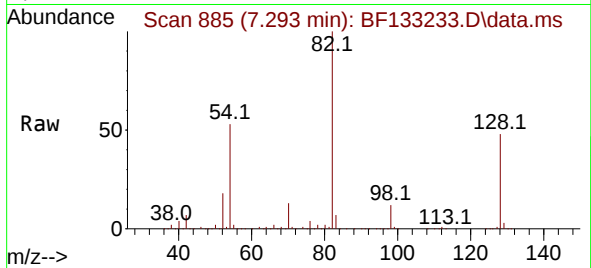




#25
Isophorone
Concen: 39.337 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

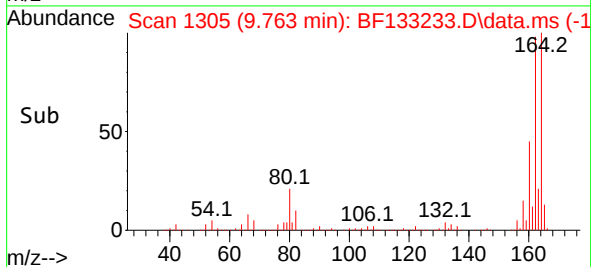
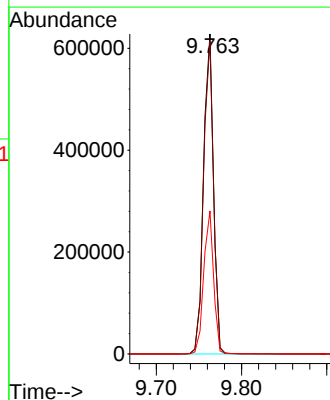
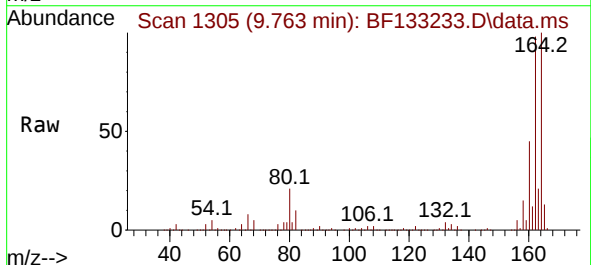
Instrument :
BNA_F
ClientSampleId :
PB152566BL

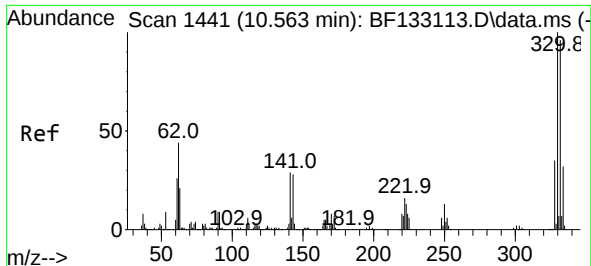
Tgt Ion: 82 Resp: 1297959
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

Tgt Ion: 164 Resp: 508294
Ion Ratio Lower Upper
164 100
162 97.8 78.7 118.1
160 44.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 106.144 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133233.D

Acq: 04 May 2023 16:27

Instrument :

BNA_F

ClientSampleId :

PB152566BL

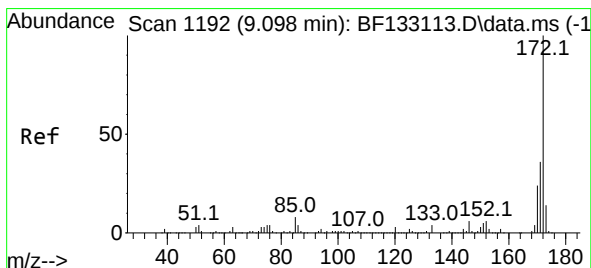
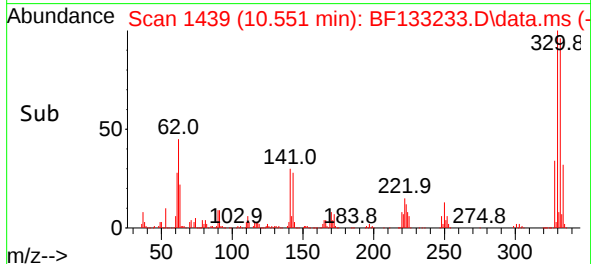
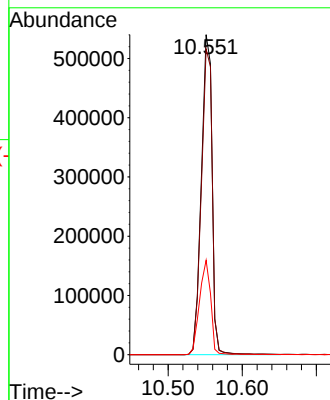
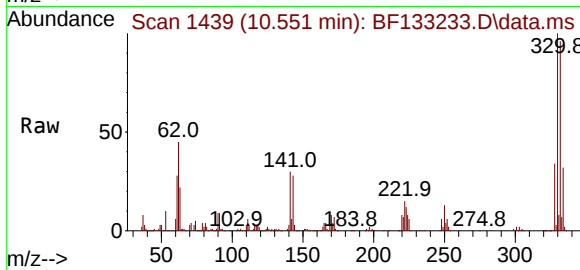
Tgt Ion:330 Resp: 542593

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 30.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 71.057 ng

RT: 9.092 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF133233.D

Acq: 04 May 2023 16:27

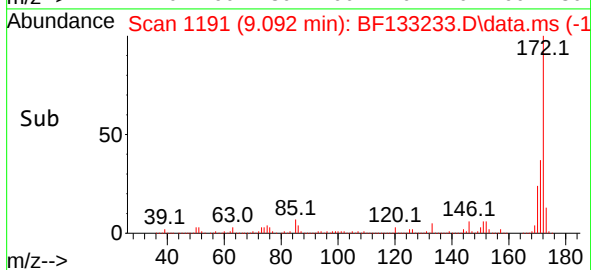
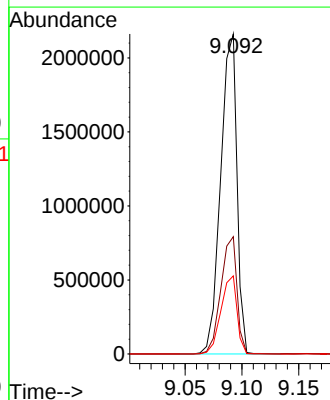
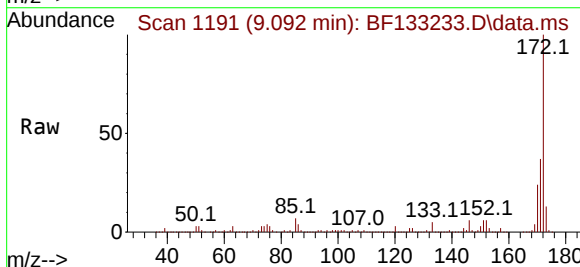
Tgt Ion:172 Resp: 2158858

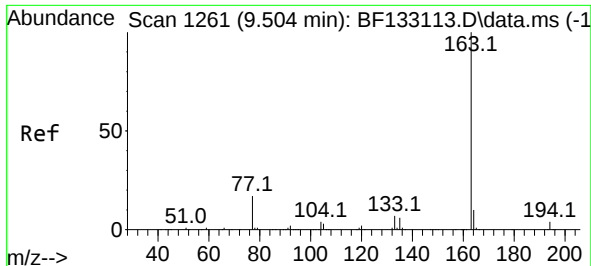
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.4 19.4 29.2

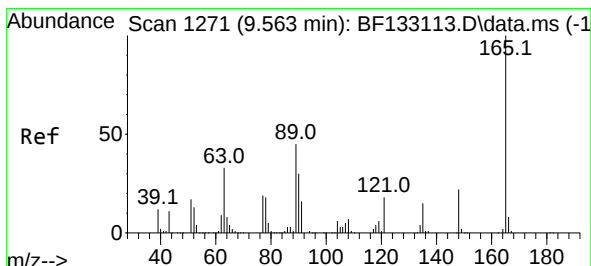
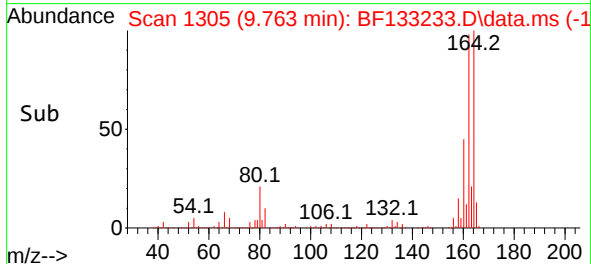
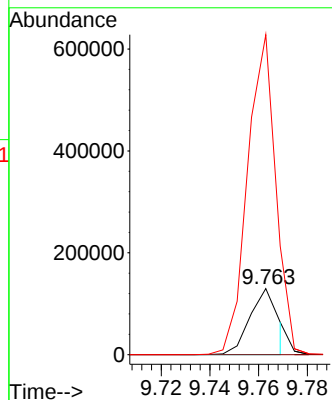
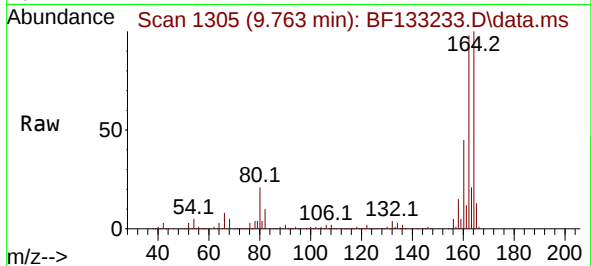




#50
Dimethylphthalate
Concen: 2.928 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.265 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

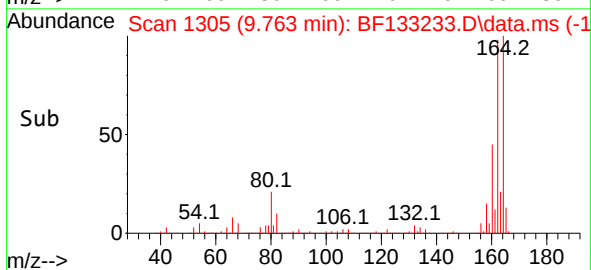
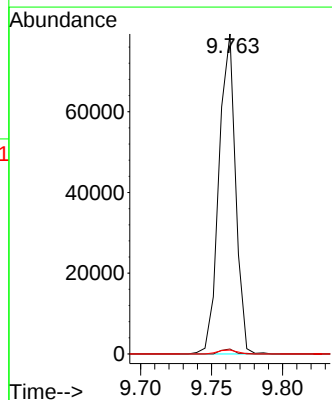
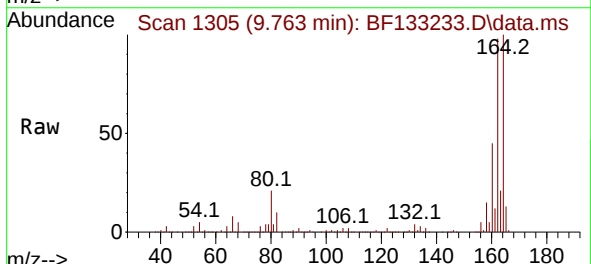
Instrument :
BNA_F
ClientSampleId :
PB152566BL

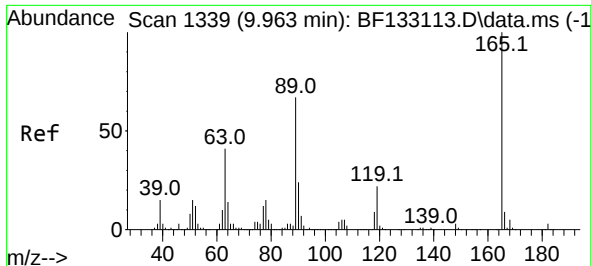
Tgt Ion:163 Resp: 103764
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 484.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.084 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.206 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

Tgt Ion:165 Resp: 64491
Ion Ratio Lower Upper
165 100
63 1.6 45.9 68.9#
89 1.2 44.0 66.0#

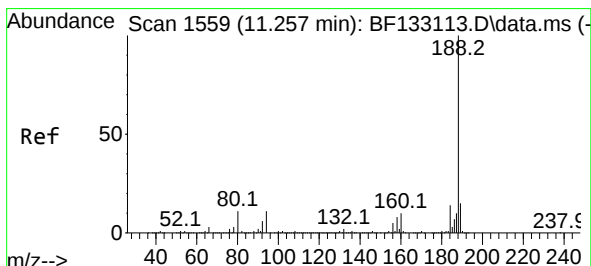
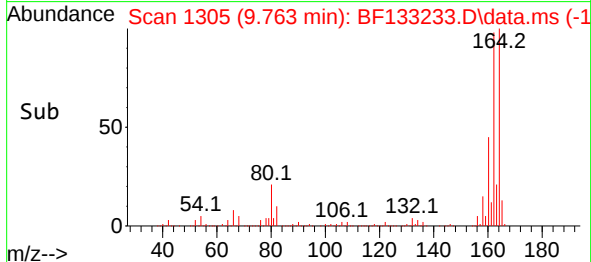
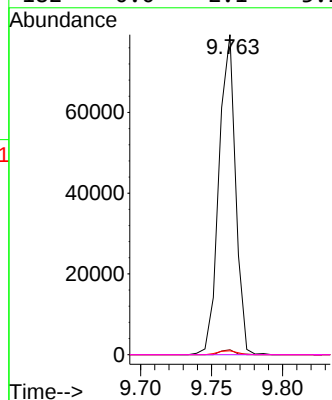
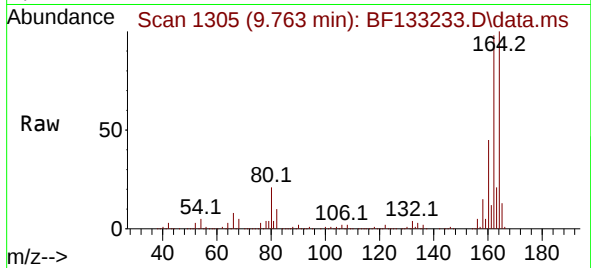




#57
2,4-Dinitrotoluene
Concen: 6.339 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

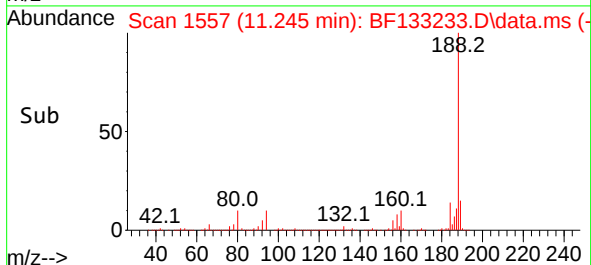
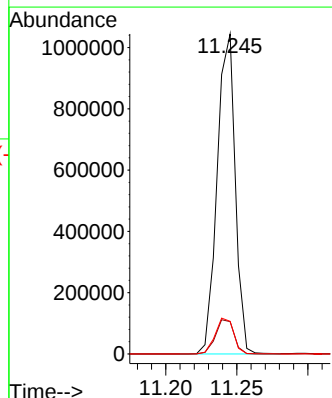
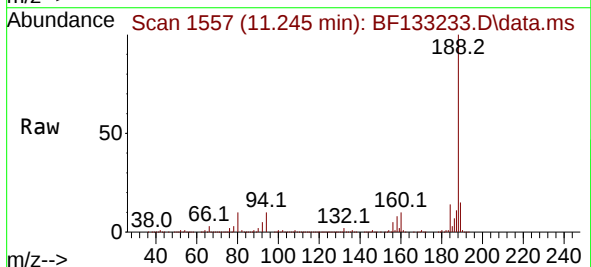
Instrument :
BNA_F
ClientSampleId :
PB152566BL

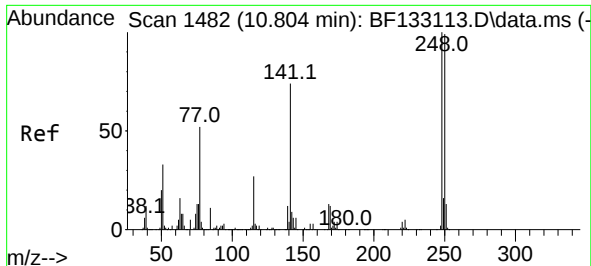
Tgt Ion:165 Resp: 64491
Ion Ratio Lower Upper
165 100
63 1.6 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

Tgt Ion:188 Resp: 924234
Ion Ratio Lower Upper
188 100
94 10.1 9.7 14.5
80 10.2 10.4 15.6#

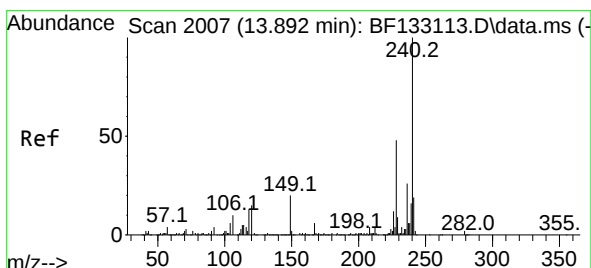
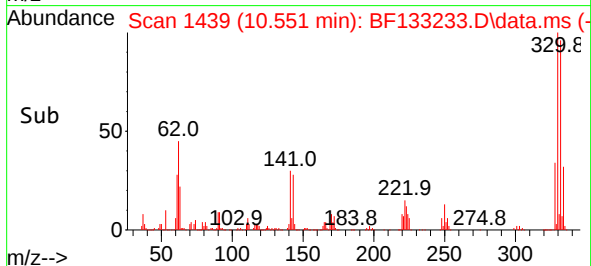
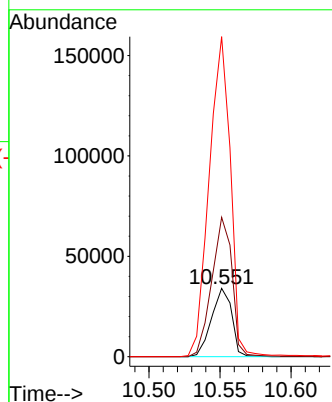
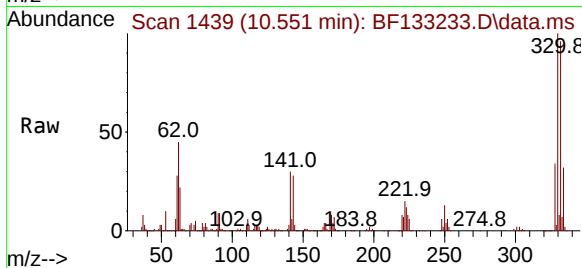




#67
4-Bromophenyl-phenylether
Concen: 3.370 ng
RT: 10.551 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

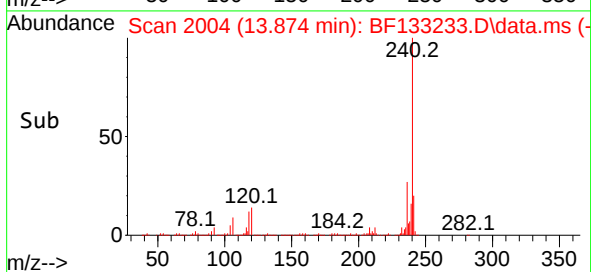
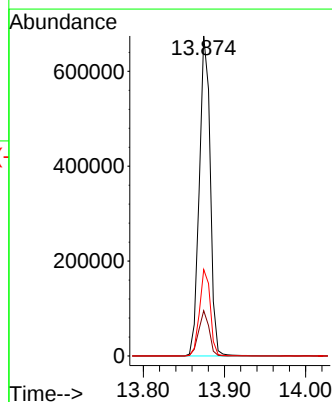
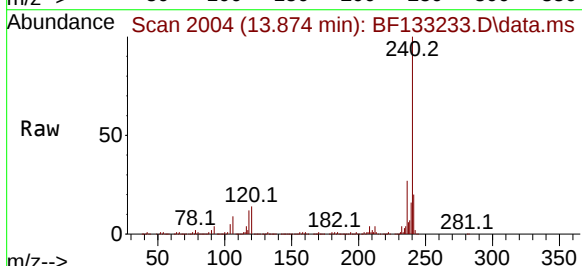
Instrument :
BNA_F
ClientSampleId :
PB152566BL

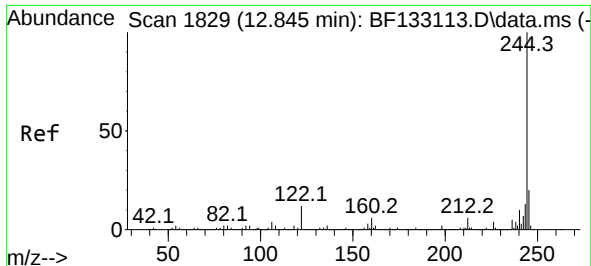
Tgt Ion:248 Resp: 33776
Ion Ratio Lower Upper
248 100
250 204.2 78.7 118.1#
141 468.7 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.012 min
Lab File: BF133233.D
Acq: 04 May 2023 16:27

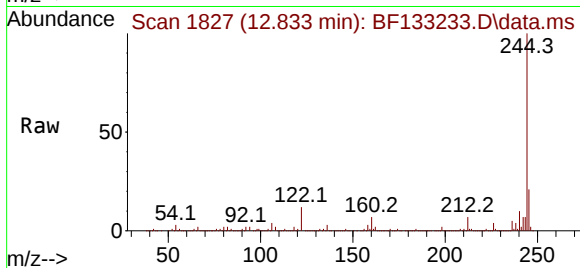
Tgt Ion:240 Resp: 632981
Ion Ratio Lower Upper
240 100
120 14.1 10.5 15.7
236 27.0 21.5 32.3



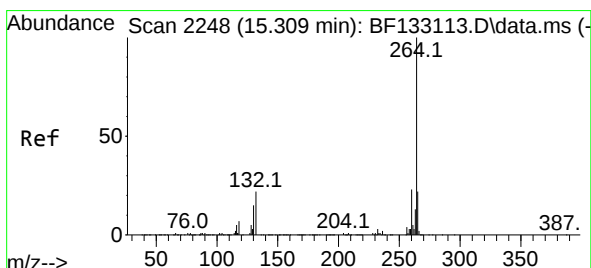
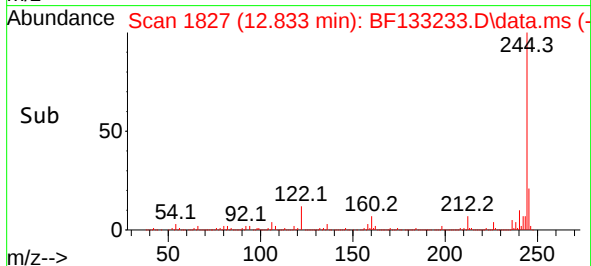
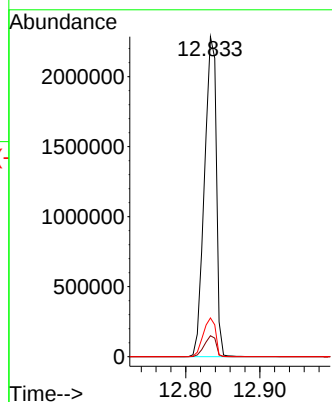


#79
 Terphenyl-d14
 Concen: 69.416 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133233.D
 Acq: 04 May 2023 16:27

Instrument :
 BNA_F
 ClientSampleId :
 PB152566BL



Tgt Ion:244 Resp: 2547669
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. -0.006 min
 Lab File: BF133233.D
 Acq: 04 May 2023 16:27

Tgt Ion:264 Resp: 507411
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 20.9 17.0 25.4

