

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133234.D
 Acq On : 04 May 2023 17:00
 Operator : CG\JU
 Sample : 02604-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TF-1

Quant Time: May 04 18:09:23 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)

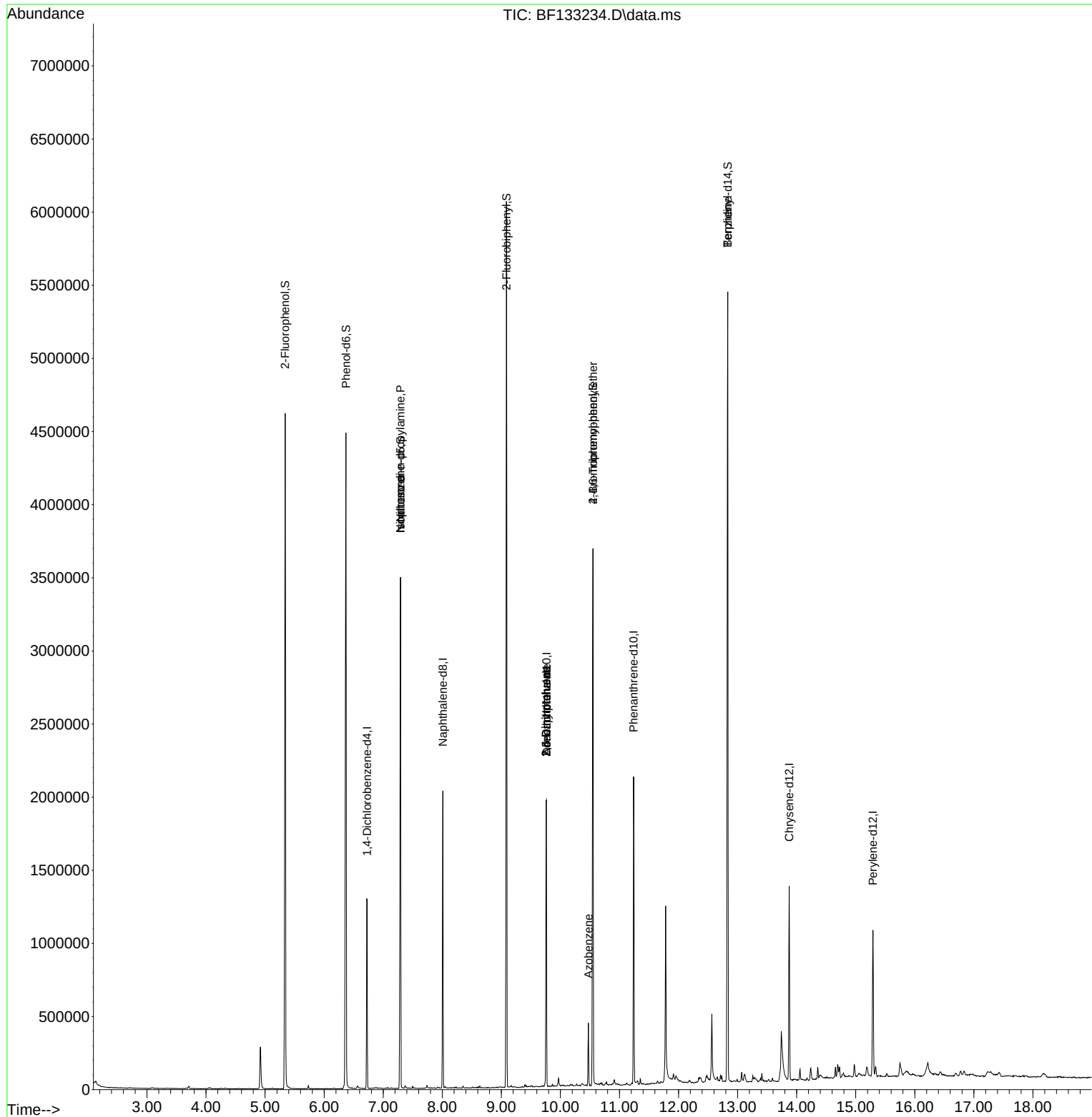
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	189834	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	752324	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	400921	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	721999	20.000	ng	0.00
76) Chrysene-d12	13.874	240	388310	20.000	ng	-0.01
86) Perylene-d12	15.292	264	406559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1411289	112.304	ng	0.00
7) Phenol-d6	6.369	99	1729554	110.884	ng	0.00
23) Nitrobenzene-d5	7.292	82	1047666	75.167	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	458451	113.702	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1817862	75.857	ng	0.00
79) Terphenyl-d14	12.833	244	2047706	90.948	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.275	77	451	Below Cal	#	56
19) n-Nitroso-di-n-propyla...	7.292	70	139605	14.377	ng	# 78
25) Isophorone	7.292	82	1046147	39.532	ng	# 63
50) Dimethylphthalate	9.763	163	84497	3.023	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	53059	8.433	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	53059	6.612	ng	# 23
63) Azobenzene	10.475	77	65973	2.358	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	27606	3.525	ng	# 1
77) Benzidine	12.833	184	24987	3.805	ng	# 92

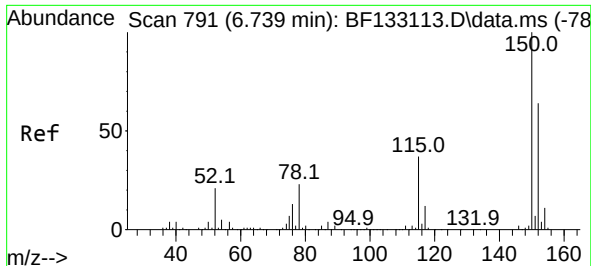
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 04 12:22:53 2023
Response via : Initial Calibration

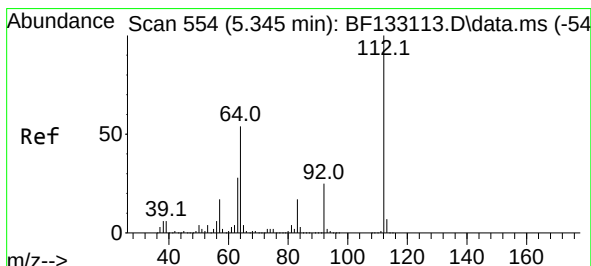
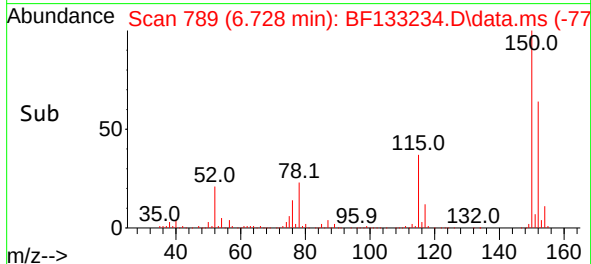
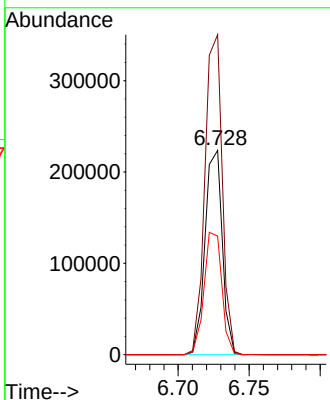
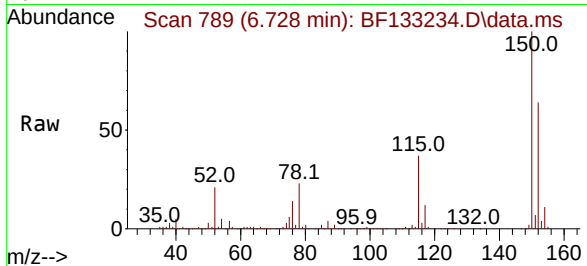




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133234.D
 Acq: 04 May 2023 17:00

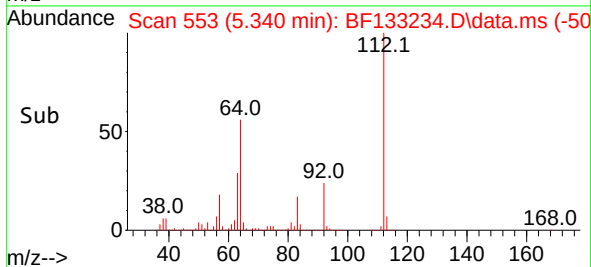
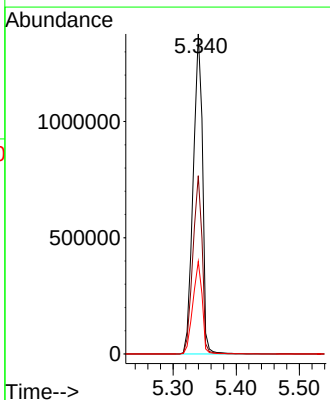
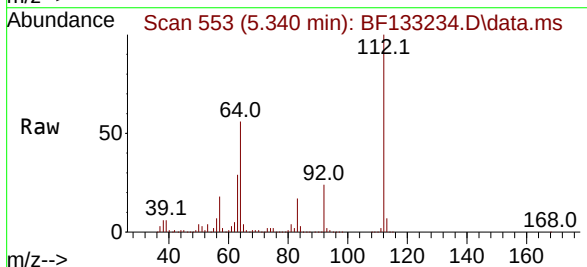
Instrument :
 BNA_F
 ClientSampleId :
 TF-1

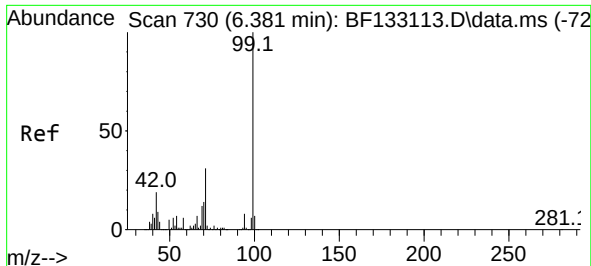
Tgt Ion:152 Resp: 189834
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.8 187.2
 115 58.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 112.304 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF133234.D
 Acq: 04 May 2023 17:00

Tgt Ion:112 Resp: 1411289
 Ion Ratio Lower Upper
 112 100
 64 55.7 46.8 70.2
 63 28.9 23.8 35.8





#7
Phenol-d6
Concen: 110.884 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

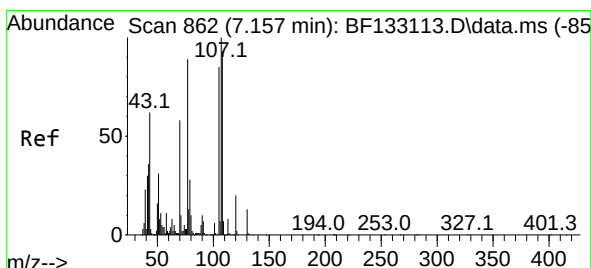
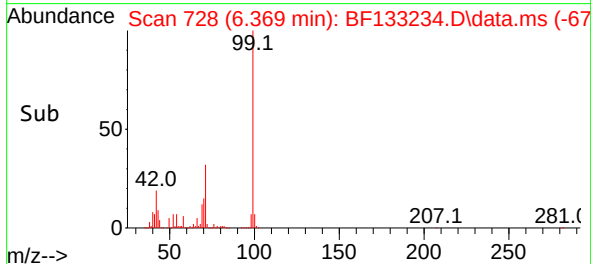
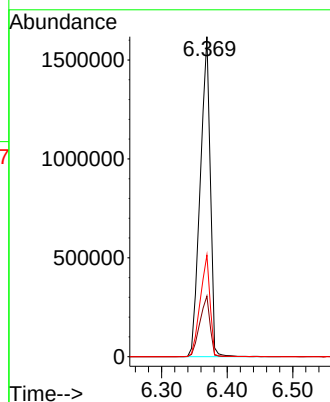
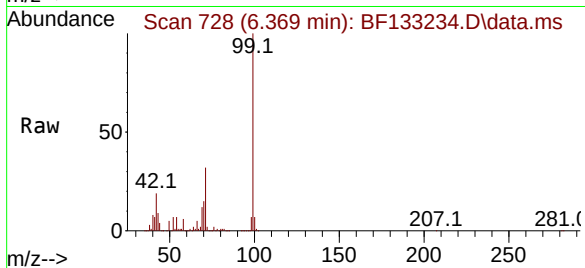
Instrument :

BNA_F

ClientSampleId :

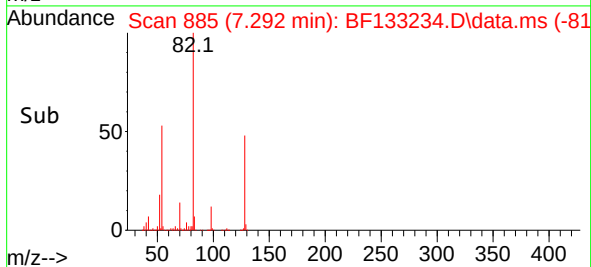
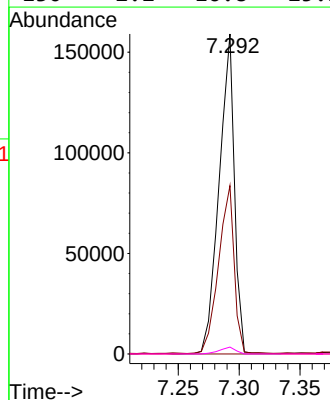
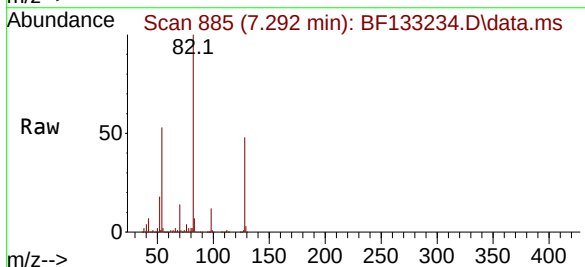
TF-1

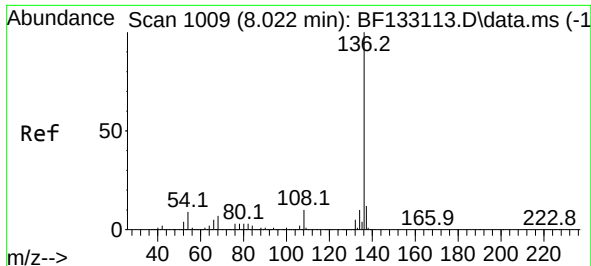
Tgt Ion: 99 Resp: 1729554
Ion Ratio Lower Upper
99 100
42 19.0 16.3 24.5
71 31.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.377 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

Tgt Ion: 70 Resp: 139605
Ion Ratio Lower Upper
70 100
42 52.6 51.8 77.6
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#



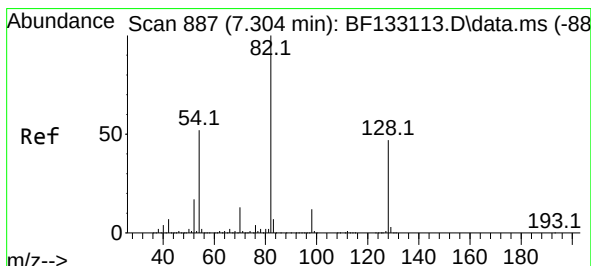
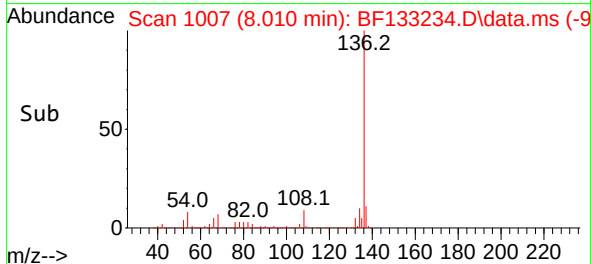
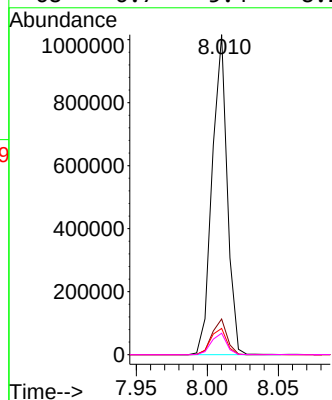
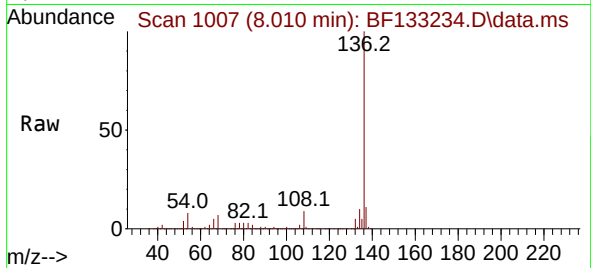


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

Instrument :
BNA_F
ClientSampleId :
TF-1

Tgt Ion:136 Resp: 752324

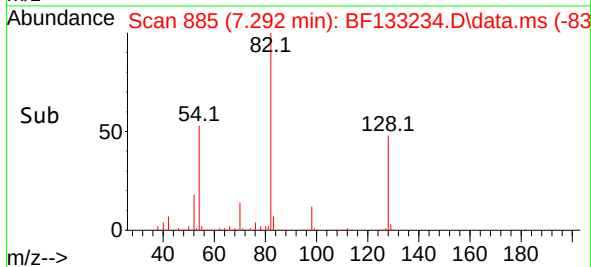
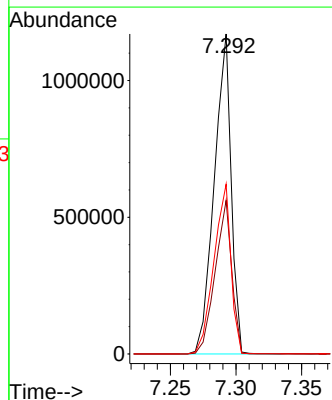
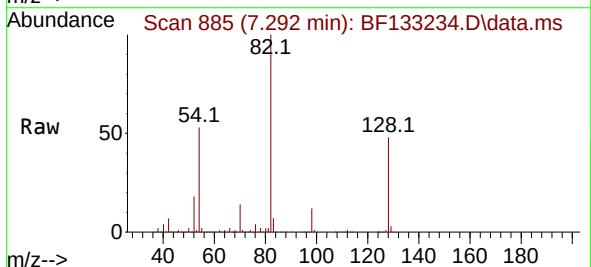
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.2	7.0	10.4
68	6.7	5.4	8.2

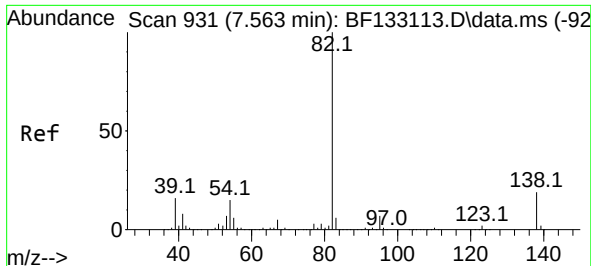


#23
Nitrobenzene-d5
Concen: 75.167 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

Tgt Ion: 82 Resp: 1047666

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.7	56.5
54	53.0	43.0	64.4

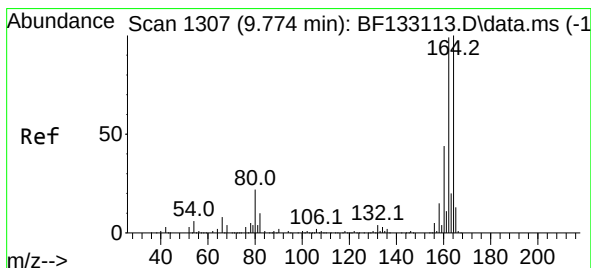
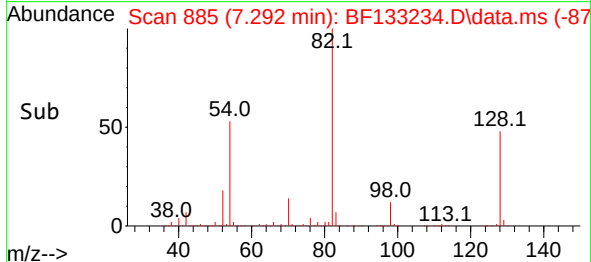
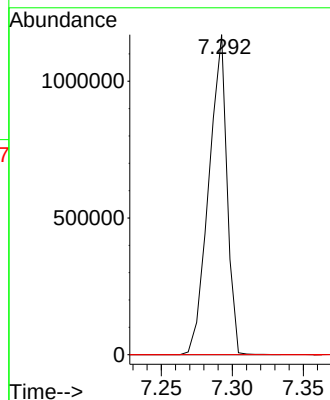
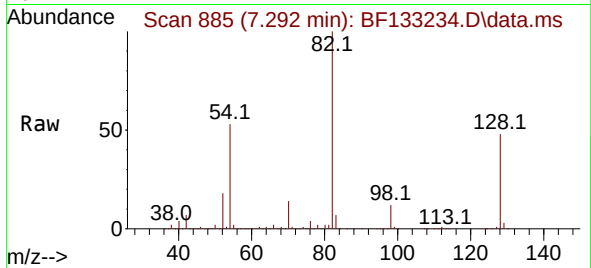




#25
Isophorone
Concen: 39.532 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

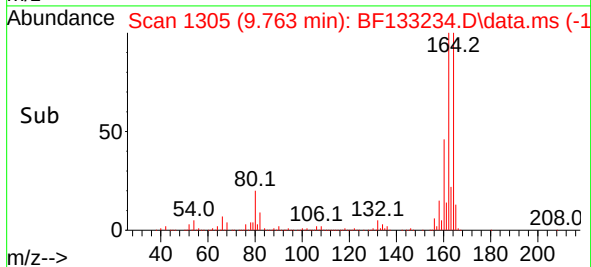
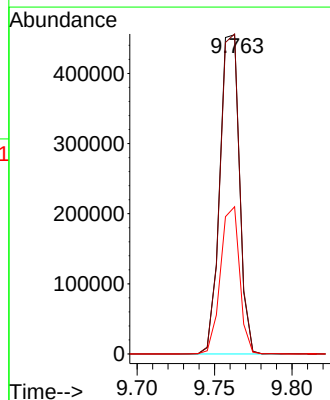
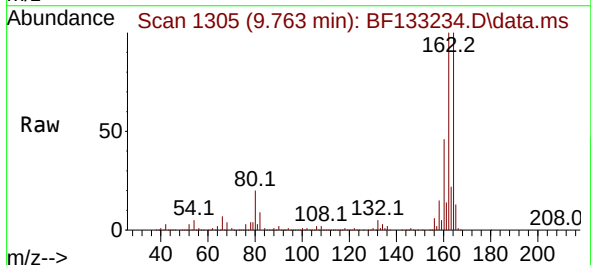
Instrument :
BNA_F
ClientSampleId :
TF-1

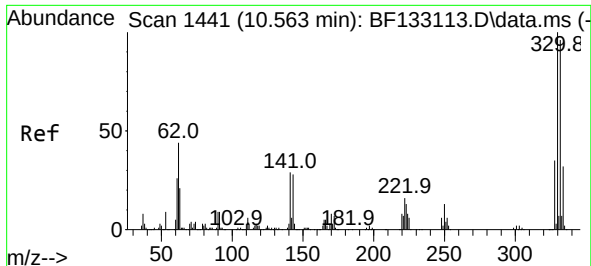
Tgt Ion: 82 Resp: 1046147
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

Tgt Ion: 164 Resp: 400921
Ion Ratio Lower Upper
164 100
162 100.3 78.7 118.1
160 46.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 113.702 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133234.D

Acq: 04 May 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TF-1

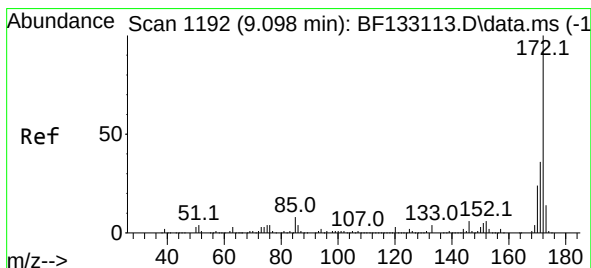
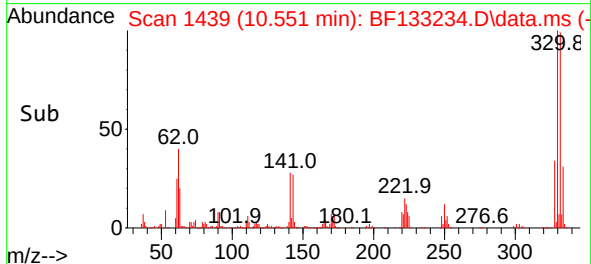
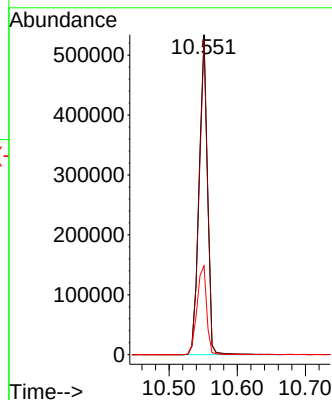
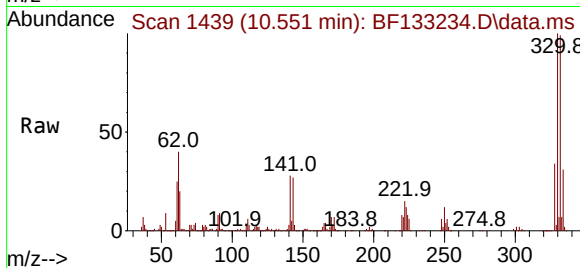
Tgt Ion:330 Resp: 458451

Ion Ratio Lower Upper

330 100

332 97.6 77.1 115.7

141 31.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 75.857 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF133234.D

Acq: 04 May 2023 17:00

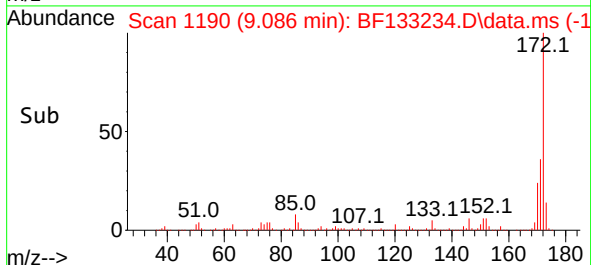
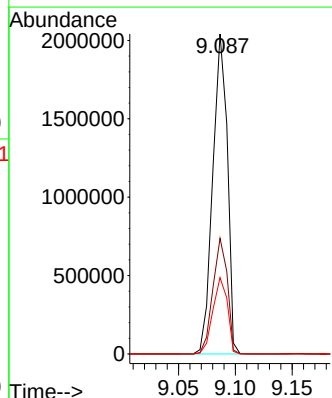
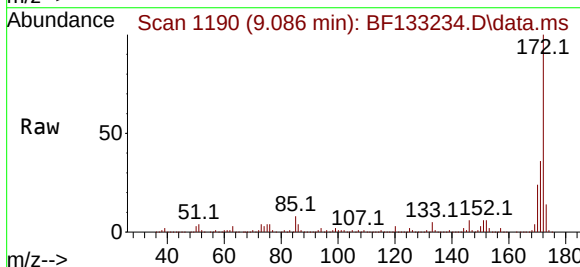
Tgt Ion:172 Resp: 1817862

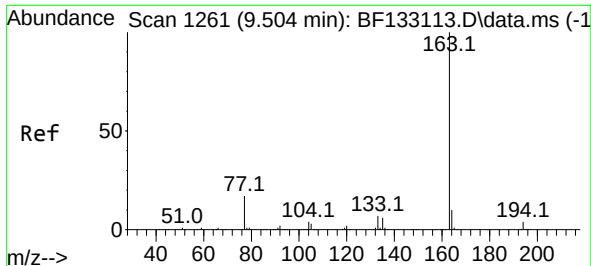
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 23.8 19.4 29.2

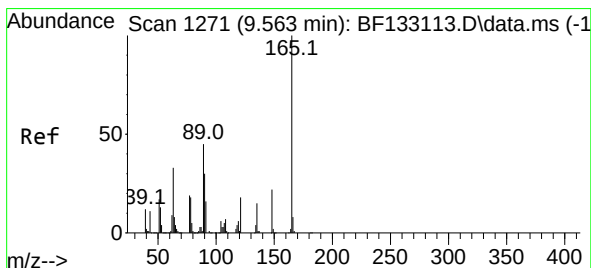
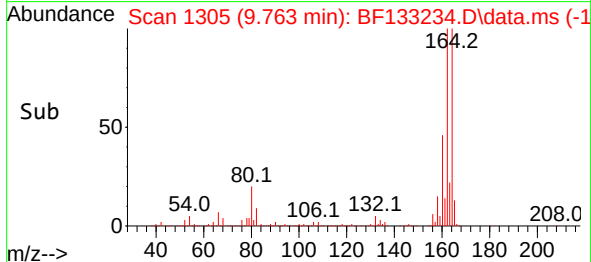
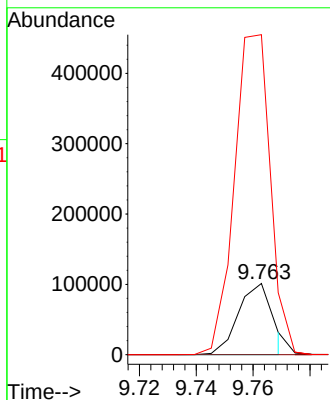
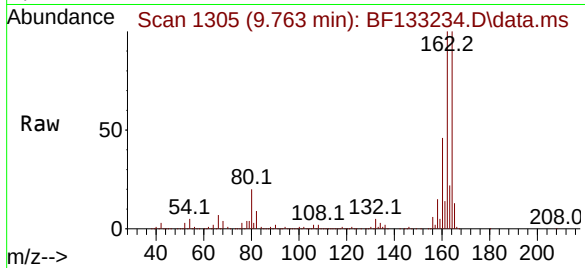




#50
 Dimethylphthalate
 Concen: 3.023 ng
 RT: 9.763 min Scan# 11
 Delta R.T. 0.265 min
 Lab File: BF133234.D
 Acq: 04 May 2023 17:00

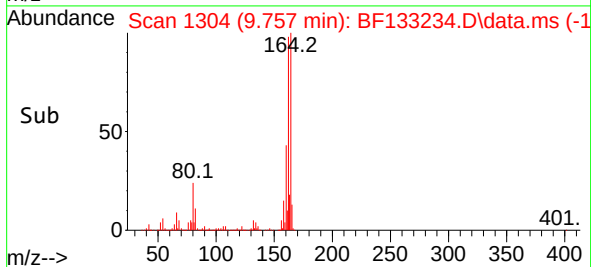
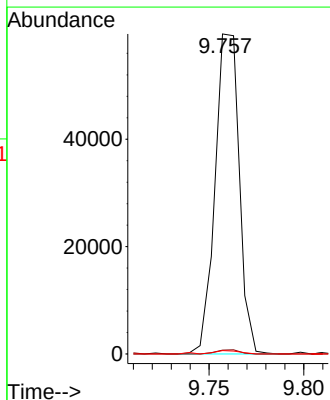
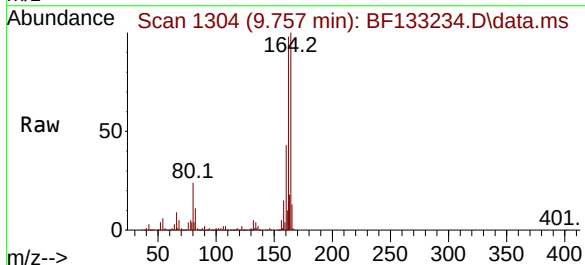
Instrument :
 BNA_F
 ClientSampleId :
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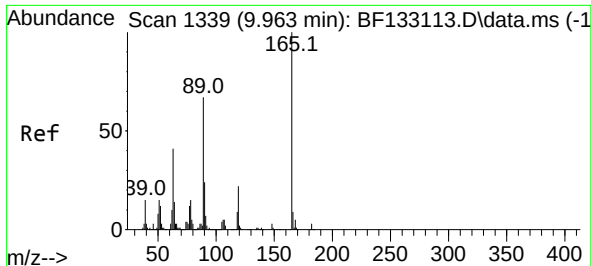
Tgt Ion:163 Resp: 84497
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.1 4.7#
 164 449.2 8.5 12.7#



#51
 2,6-Dinitrotoluene
 Concen: 8.433 ng
 RT: 9.757 min Scan# 1304
 Delta R.T. 0.200 min
 Lab File: BF133234.D
 Acq: 04 May 2023 17:00

Tgt Ion:165 Resp: 53059
 Ion Ratio Lower Upper
 165 100
 63 1.2 45.9 68.9#
 89 1.1 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.612 ng

RT: 9.757 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF133234.D

Acq: 04 May 2023 17:00

Instrument :

BNA_F

ClientSampleId :

TF-1

Tgt Ion:165 Resp: 53059

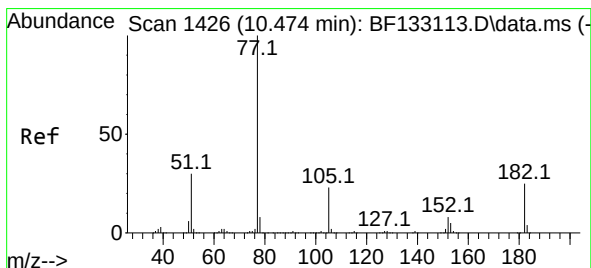
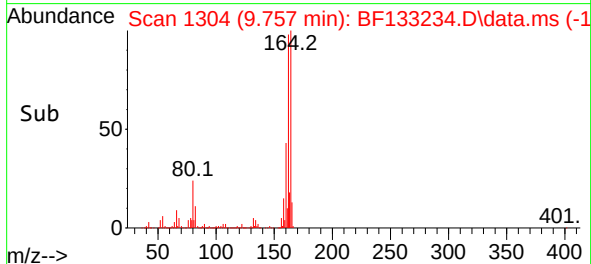
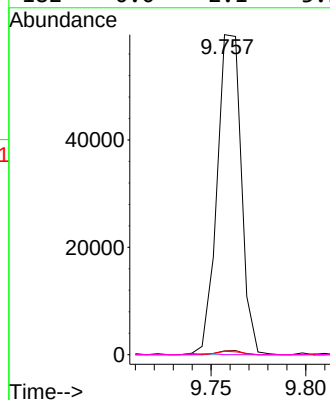
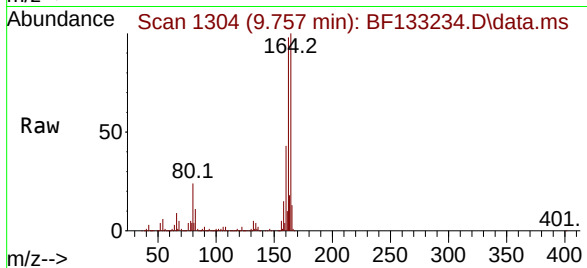
Ion Ratio Lower Upper

165 100

63 1.2 37.7 56.5#

89 1.1 57.0 85.4#

182 0.0 2.1 3.1#



#63

Azobenzene

Concen: 2.358 ng

RT: 10.475 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF133234.D

Acq: 04 May 2023 17:00

Tgt Ion: 77 Resp: 65973

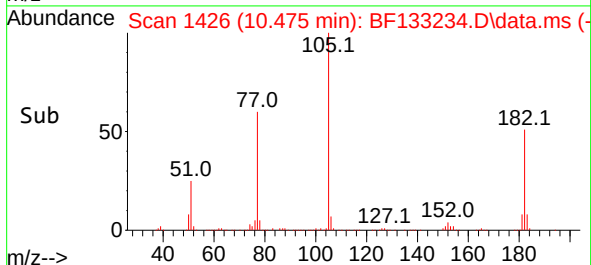
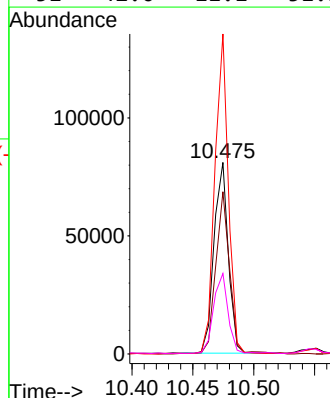
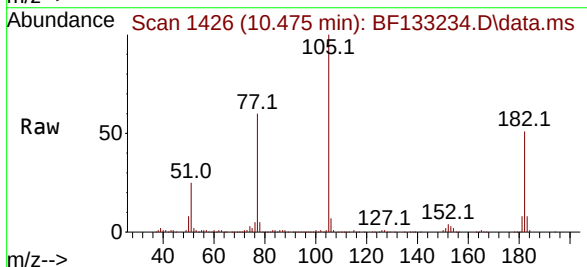
Ion Ratio Lower Upper

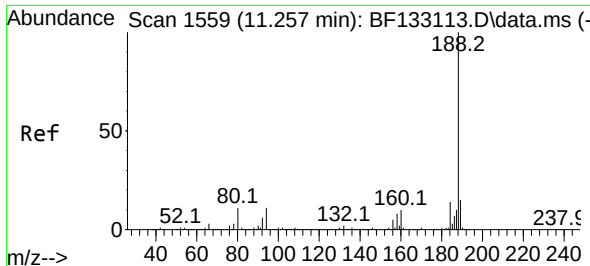
77 100

182 84.7 5.9 45.9#

105 167.1 2.3 42.3#

51 42.0 11.1 51.1

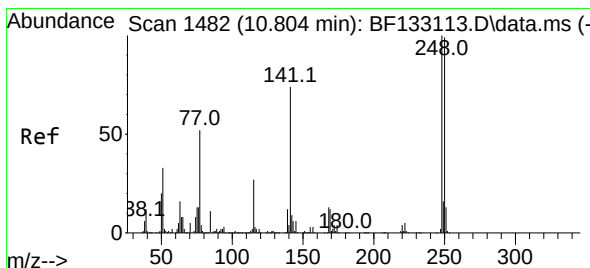
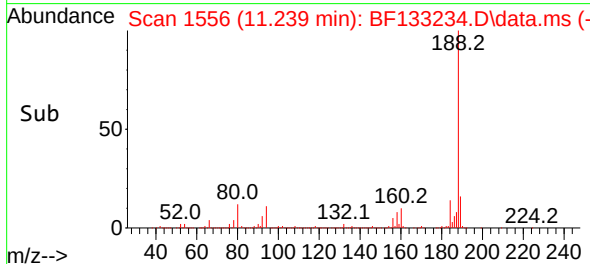
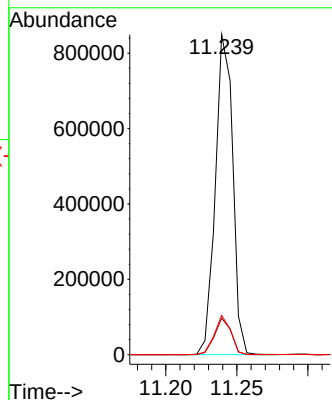
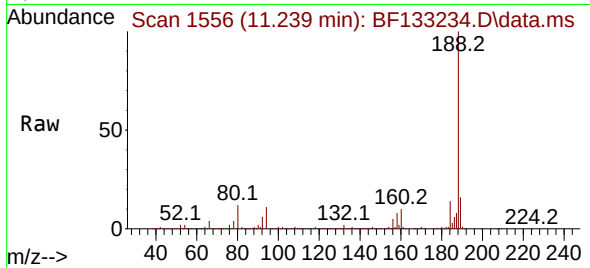




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

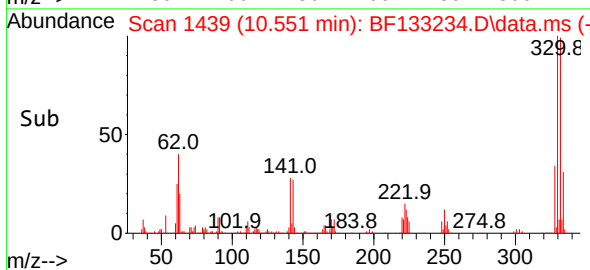
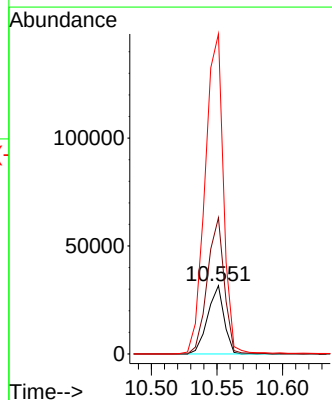
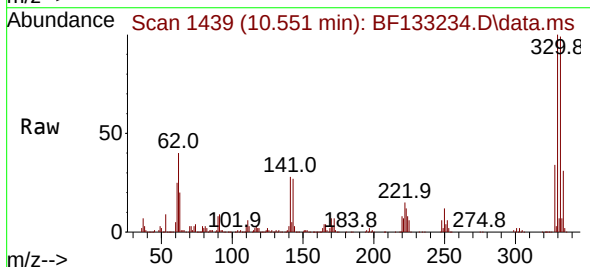
Instrument :
BNA_F
ClientSampleId :
TF-1

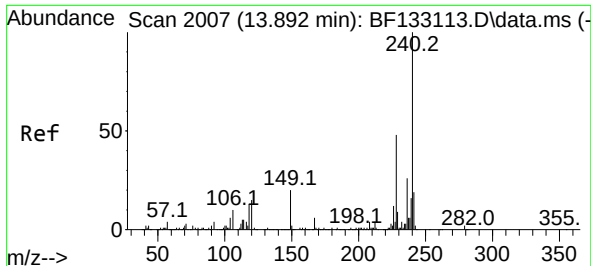
Tgt Ion:188 Resp: 721999
Ion Ratio Lower Upper
188 100
94 11.4 9.7 14.5
80 12.3 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 3.525 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.247 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

Tgt Ion:248 Resp: 27606
Ion Ratio Lower Upper
248 100
250 199.5 78.7 118.1#
141 468.7 56.3 84.5#

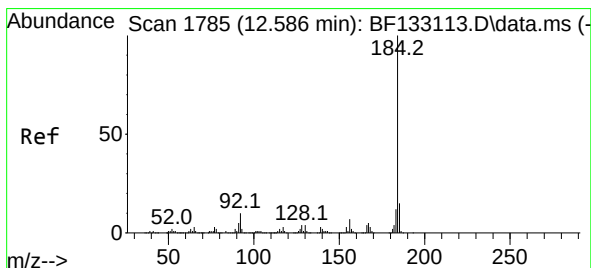
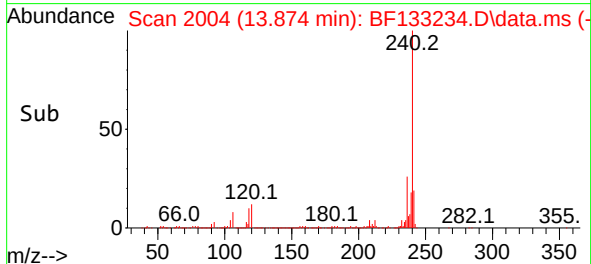
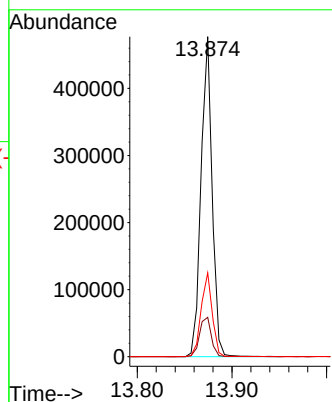
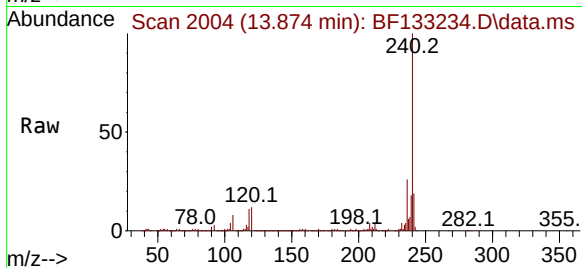




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

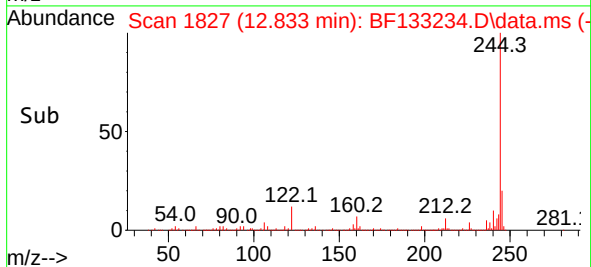
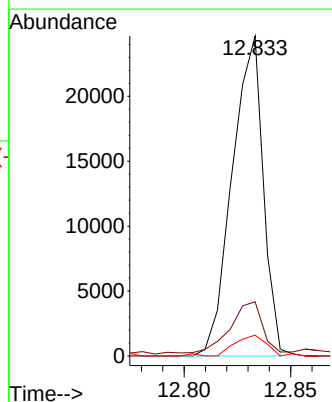
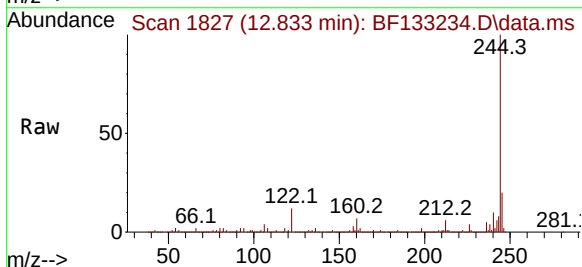
Instrument :
BNA_F
ClientSampleId :
TF-1

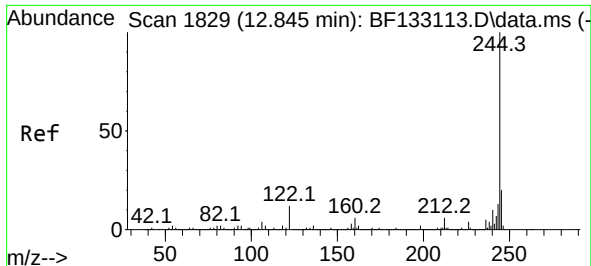
Tgt Ion:240 Resp: 388310
Ion Ratio Lower Upper
240 100
120 12.3 10.5 15.7
236 26.2 21.5 32.3



#77
Benzidine
Concen: 3.805 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.253 min
Lab File: BF133234.D
Acq: 04 May 2023 17:00

Tgt Ion:184 Resp: 24987
Ion Ratio Lower Upper
184 100
185 16.9 15.4 23.2
183 6.5 9.4 14.0#

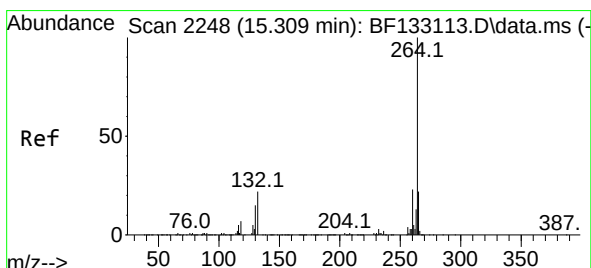
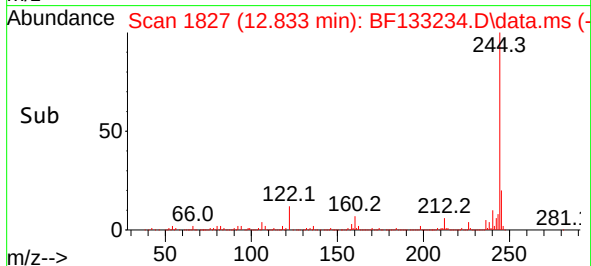
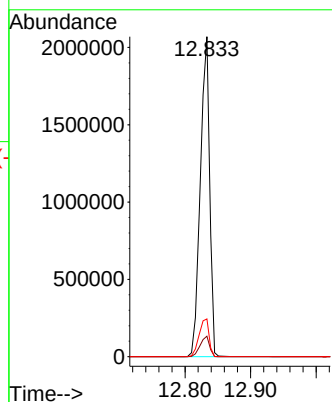
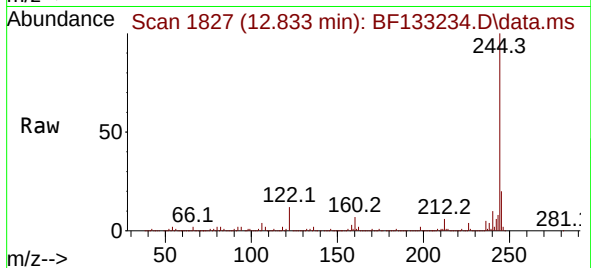




#79
 Terphenyl-d14
 Concen: 90.948 ng
 RT: 12.833 min Scan# 1829
 Delta R.T. 0.000 min
 Lab File: BF133234.D
 Acq: 04 May 2023 17:00

Instrument :
 BNA_F
 ClientSampleId :
 TF-1

Tgt Ion:244 Resp: 2047706
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.8 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: BF133234.D
 Acq: 04 May 2023 17:00

Tgt Ion:264 Resp: 406559
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.2 17.0 25.4

