

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133209.D
 Acq On : 03 May 2023 16:11
 Operator : CG\JU
 Sample : 02583-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-24

Quant Time: May 03 19:20:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:31:52 2023
 Response via : Initial Calibration

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

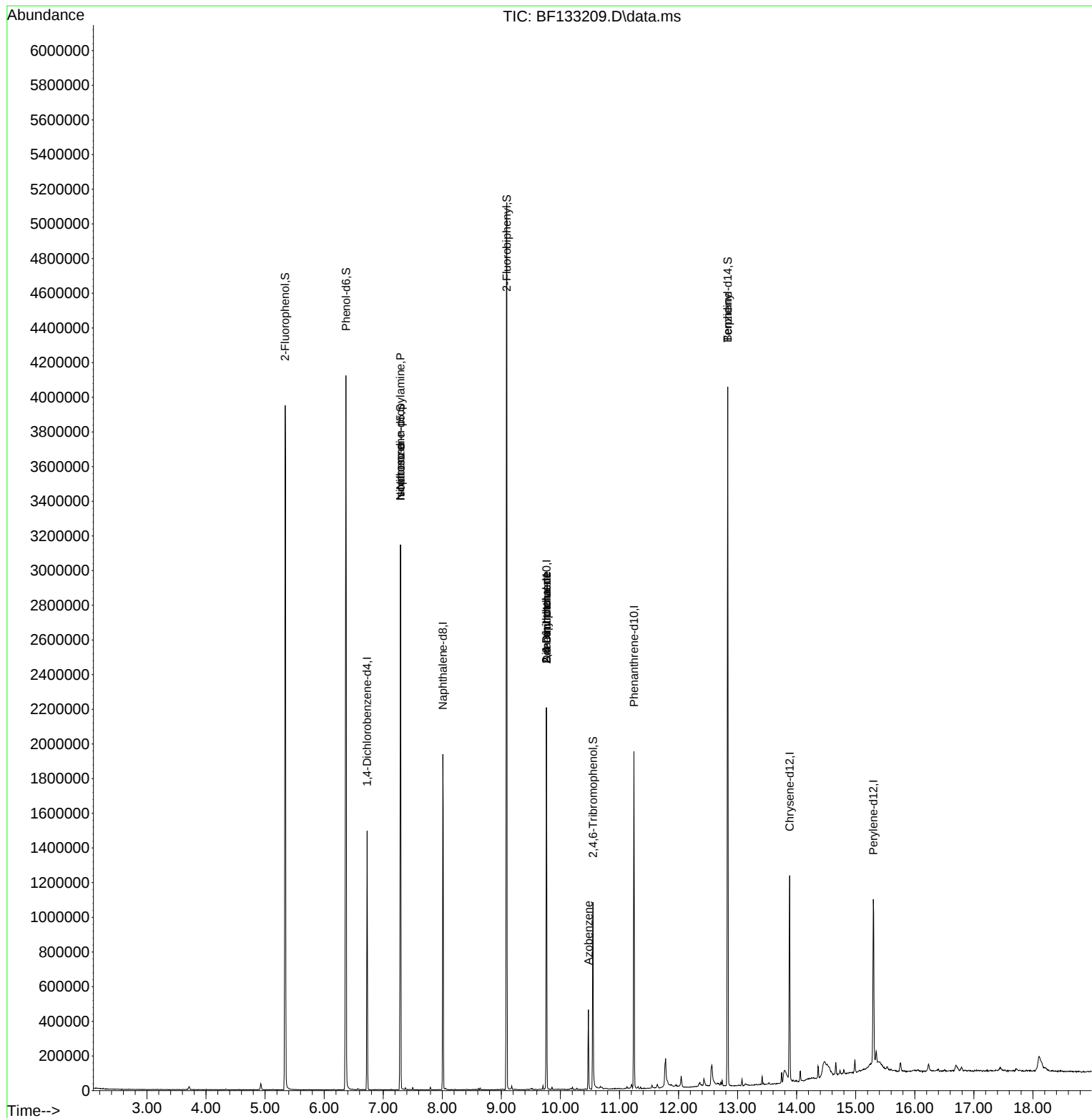
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	190475	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	777663	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	398552	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	642739	20.000	ng	0.00
76) Chrysene-d12	13.880	240	340932	20.000	ng	-0.01
86) Perylene-d12	15.298	264	409085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1223798	97.056	ng	0.00
7) Phenol-d6	6.369	99	1502453	96.000	ng	0.00
23) Nitrobenzene-d5	7.293	82	917625	63.691	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	122080	30.458	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1616169	67.842	ng	0.00
79) Terphenyl-d14	12.833	244	1324103	66.982	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	374	Below Cal	#	26
19) n-Nitroso-di-n-propyla...	7.293	70	122877	12.611	ng	# 77
25) Isophorone	7.293	82	916377	33.500	ng	# 63
50) Dimethylphthalate	9.763	163	76547	2.754	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	50208	8.027	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	50208	6.294	ng	# 23
63) Azobenzene	10.475	77	71582	2.574	ng	# 1
77) Benzidine	12.833	184	15576	2.702	ng	# 92

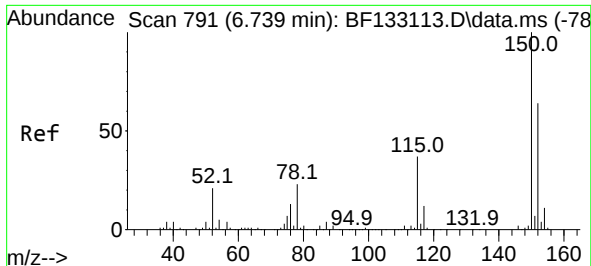
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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QLast Update : Wed May 03 17:31:52 2023
Response via : Initial Calibration

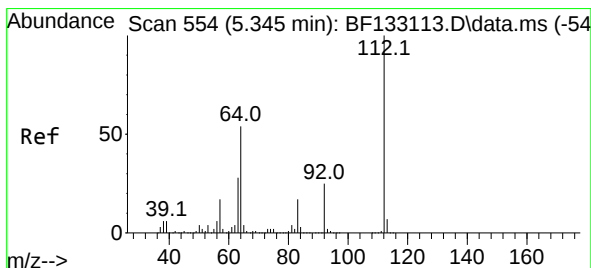
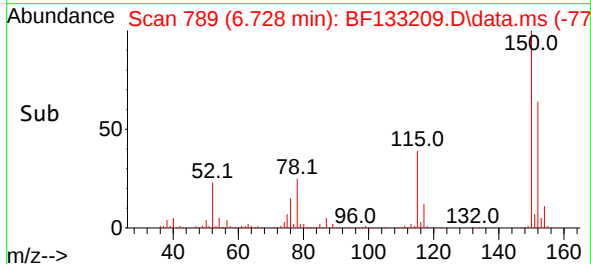
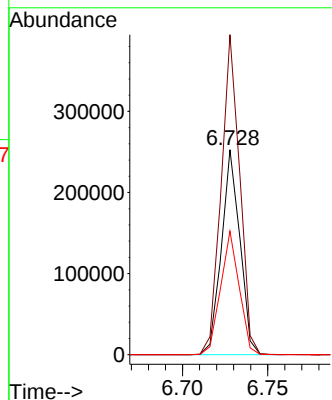
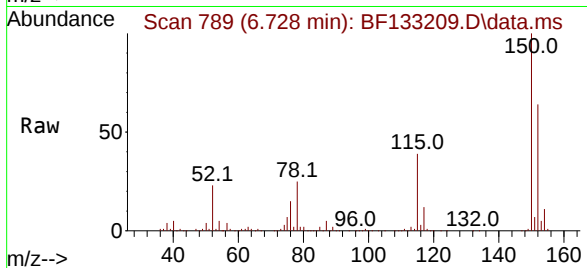




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133209.D
 Acq: 03 May 2023 16:11

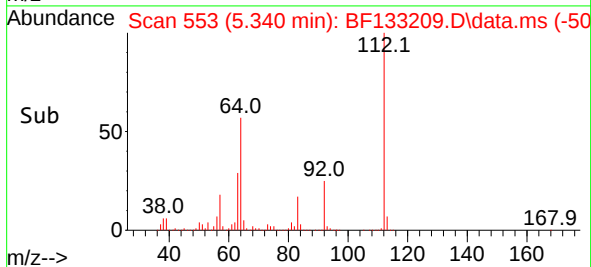
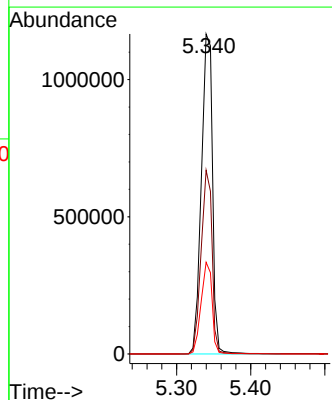
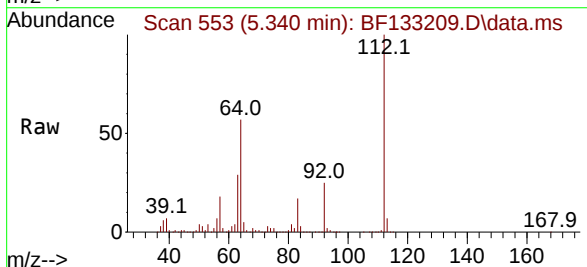
Instrument :
 BNA_F
 ClientSampleId :
 CF-24

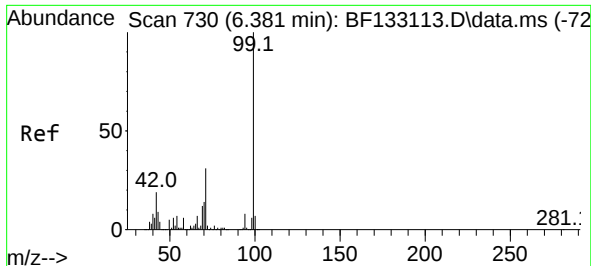
Tgt Ion:152 Resp: 190475
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.8 187.2
 115 60.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 97.056 ng
 RT: 5.340 min Scan# 553
 Delta R.T. -0.000 min
 Lab File: BF133209.D
 Acq: 03 May 2023 16:11

Tgt Ion:112 Resp: 1223798
 Ion Ratio Lower Upper
 112 100
 64 57.4 46.8 70.2
 63 28.7 23.8 35.8

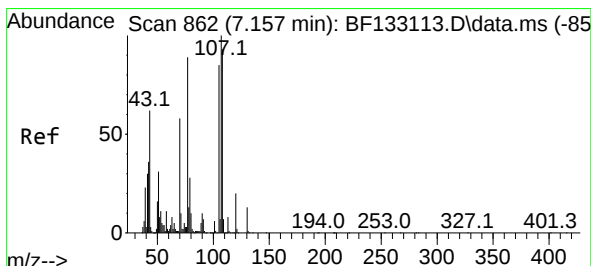
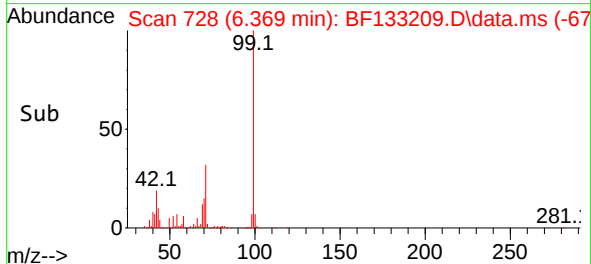
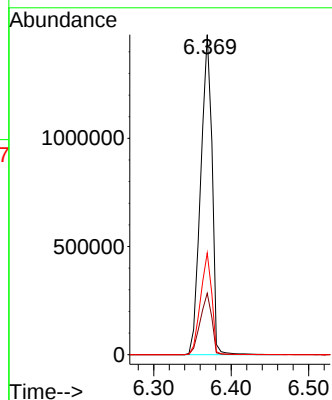
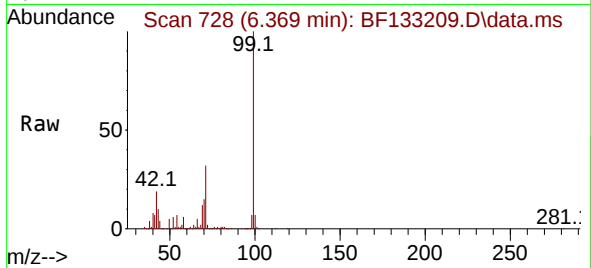




#7
Phenol-d6
Concen: 96.000 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

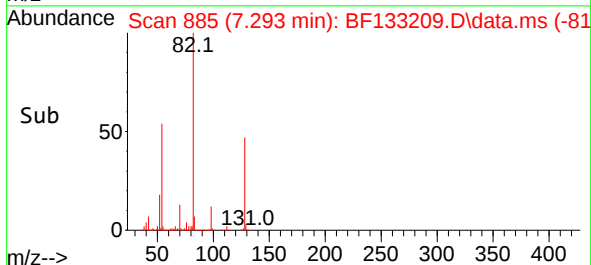
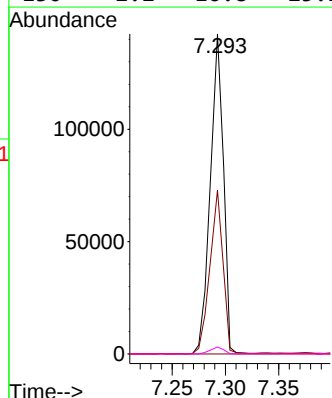
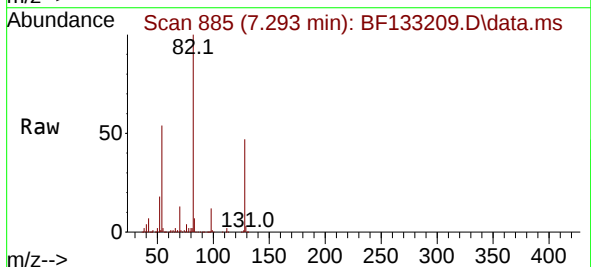
Instrument :
BNA_F
ClientSampleId :
CF-24

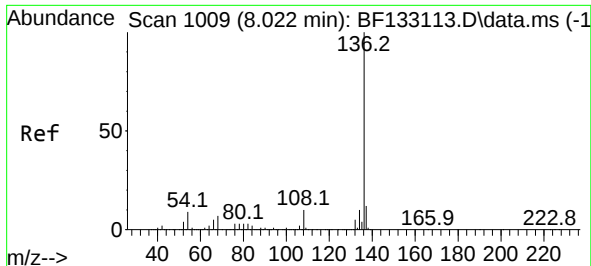
Tgt Ion: 99 Resp: 1502453
Ion Ratio Lower Upper
99 100
42 19.2 16.3 24.5
71 31.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.611 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

Tgt Ion: 70 Resp: 122877
Ion Ratio Lower Upper
70 100
42 51.2 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#



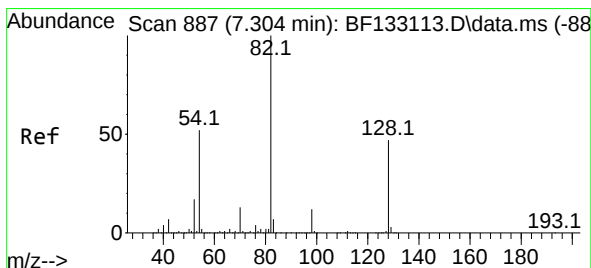
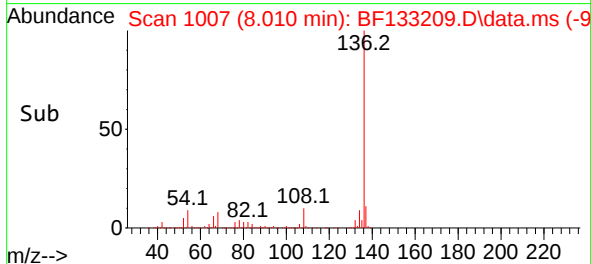
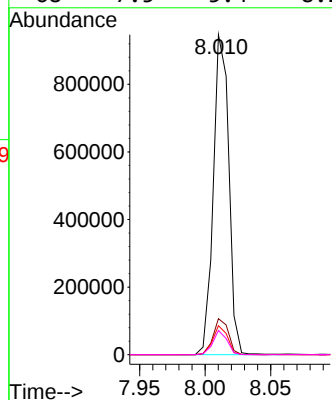
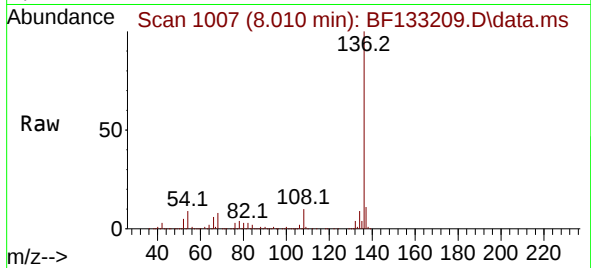


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

Instrument :
BNA_F
ClientSampleId :
CF-24

Tgt Ion:136 Resp: 777663

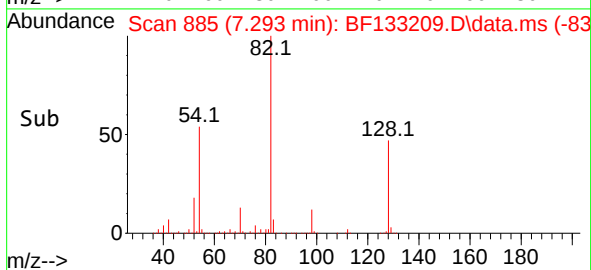
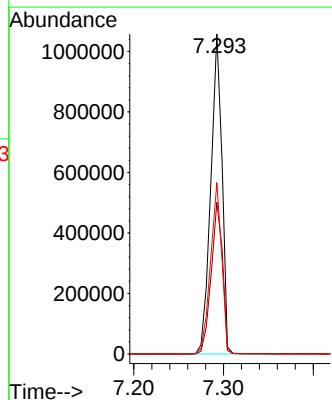
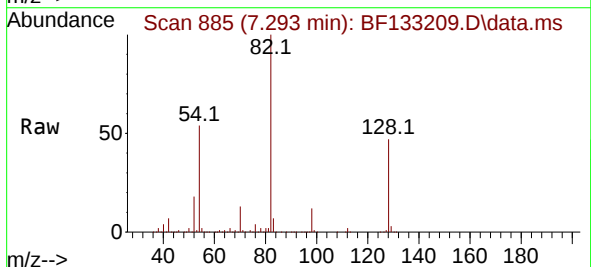
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.1	7.0	10.4
68	7.5	5.4	8.2

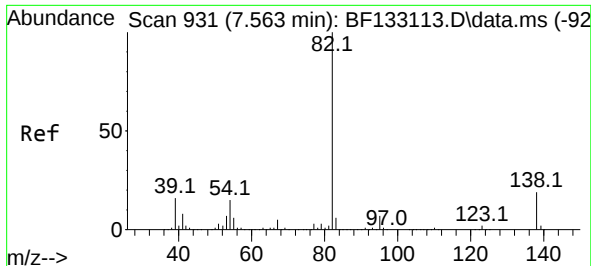


#23
Nitrobenzene-d5
Concen: 63.691 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

Tgt Ion: 82 Resp: 917625

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.7	56.5
54	53.5	43.0	64.4

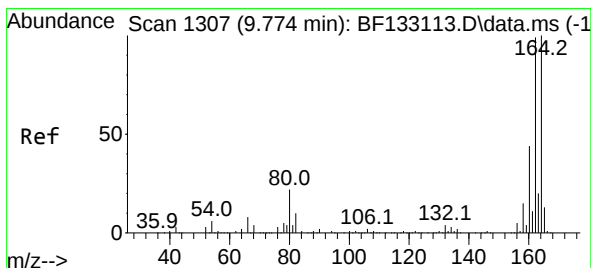
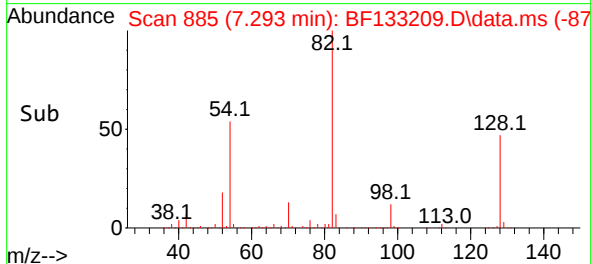
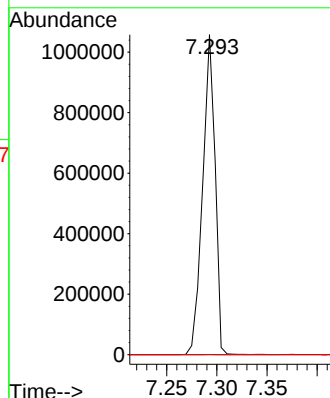
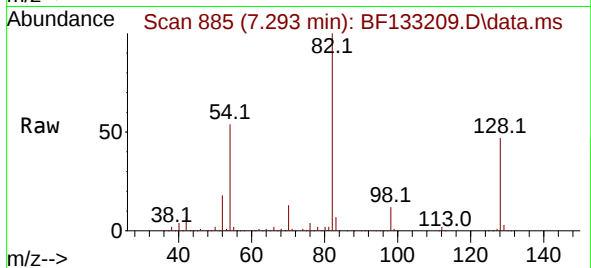




#25
Isophorone
Concen: 33.500 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

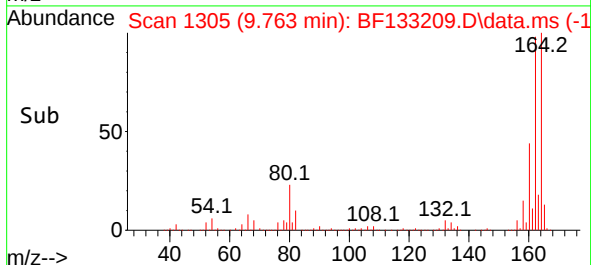
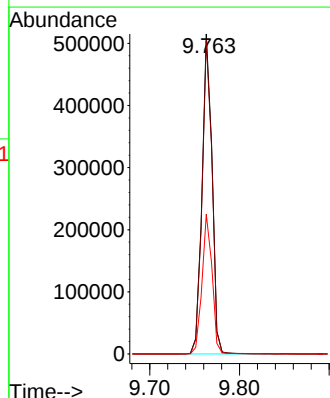
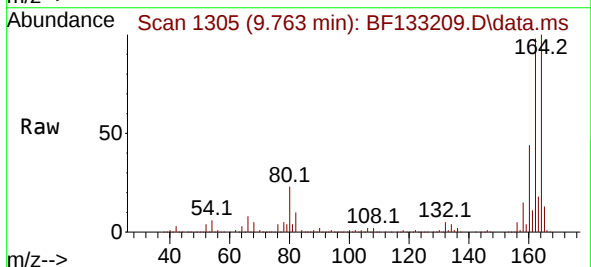
Instrument :
BNA_F
ClientSampleId :
CF-24

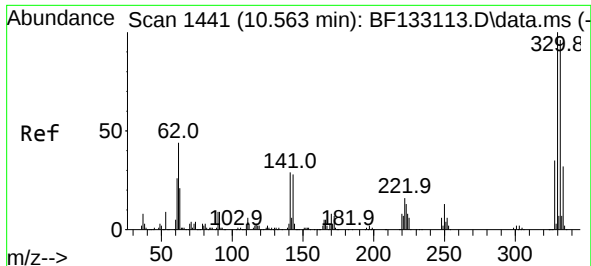
Tgt Ion: 82 Resp: 916377
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

Tgt Ion:164 Resp: 398552
Ion Ratio Lower Upper
164 100
162 98.0 78.7 118.1
160 43.7 35.8 53.6

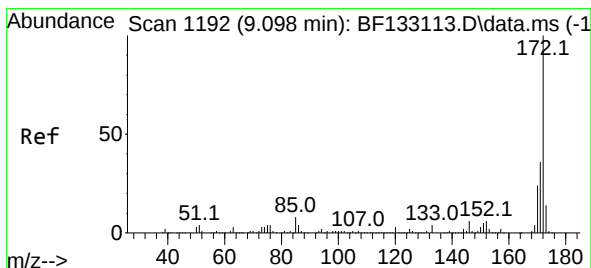
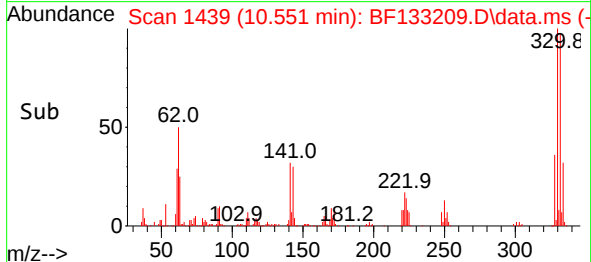
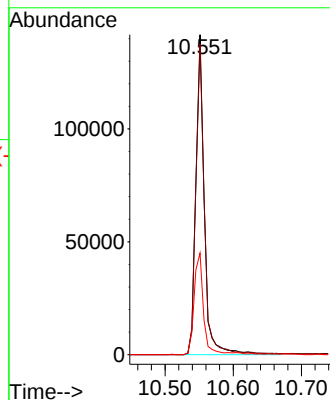
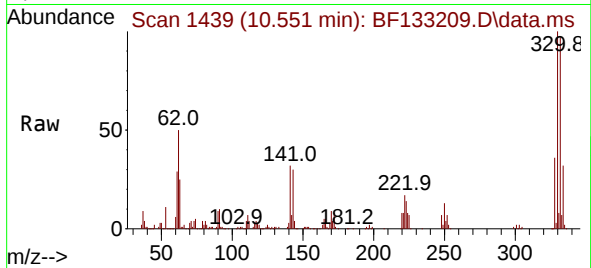




#42
2,4,6-Tribromophenol
Concen: 30.458 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

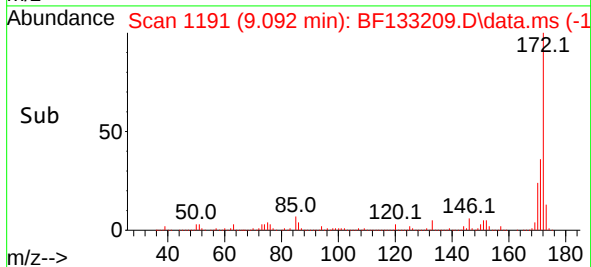
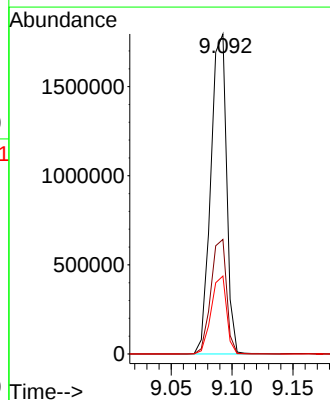
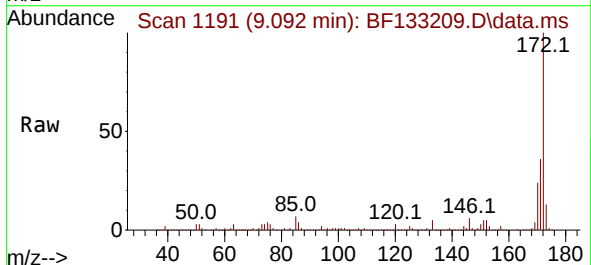
Instrument :
BNA_F
ClientSampleId :
CF-24

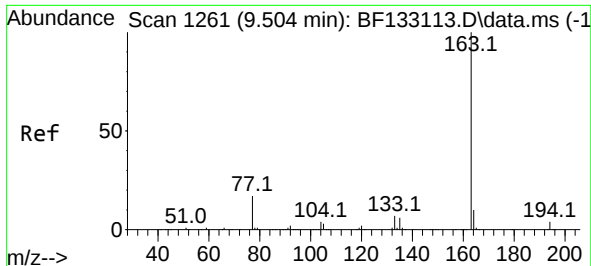
Tgt Ion:330 Resp: 122080
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 35.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 67.842 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

Tgt Ion:172 Resp: 1616169
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.4 19.4 29.2

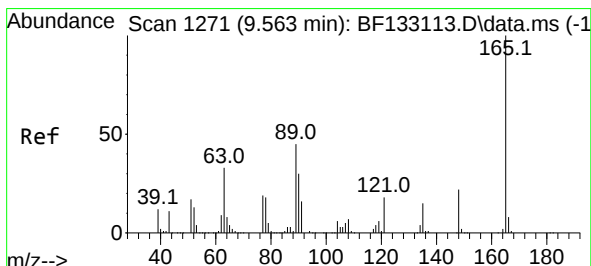
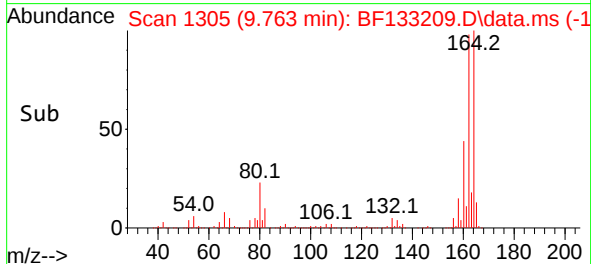
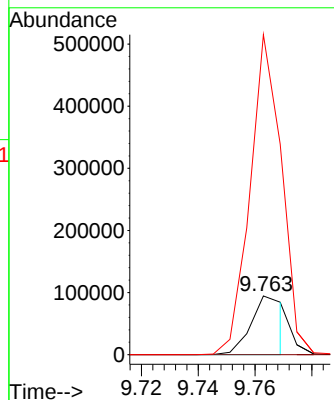
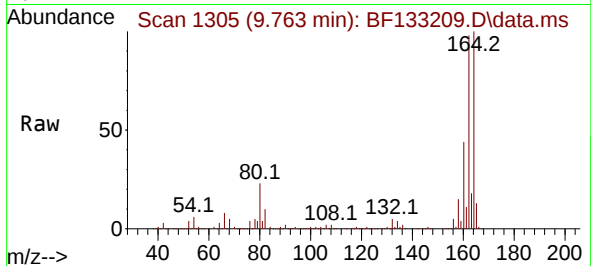




#50
Dimethylphthalate
Concen: 2.754 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.265 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

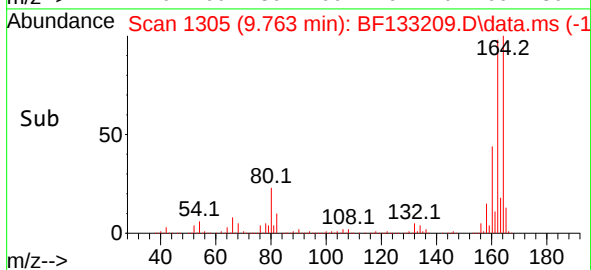
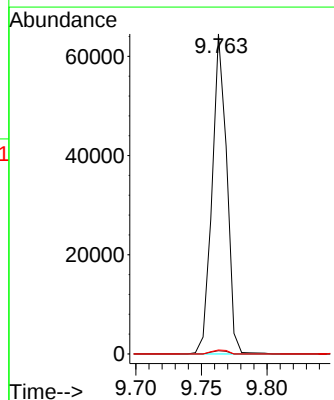
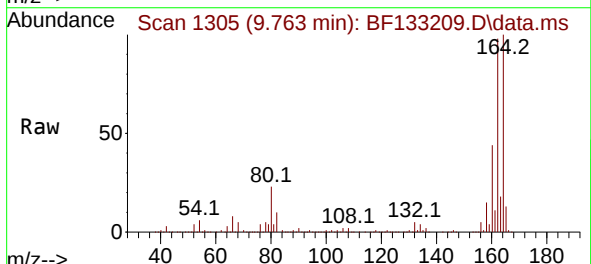
Instrument :
BNA_F
ClientSampleId :
CF-24

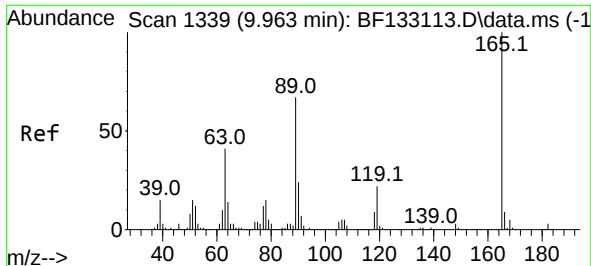
Tgt Ion:163 Resp: 76547
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 544.7 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.027 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.206 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

Tgt Ion:165 Resp: 50208
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.2 44.0 66.0#

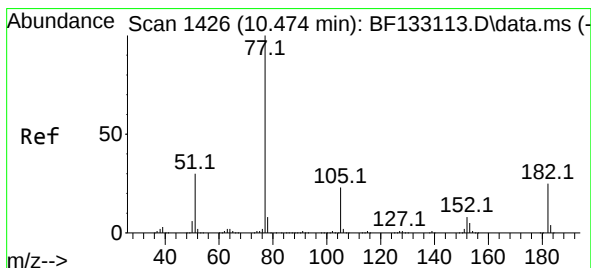
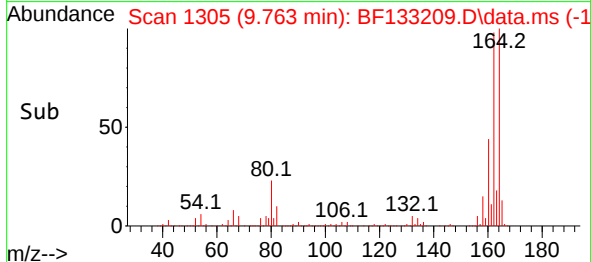
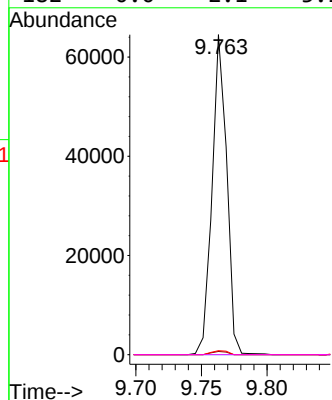
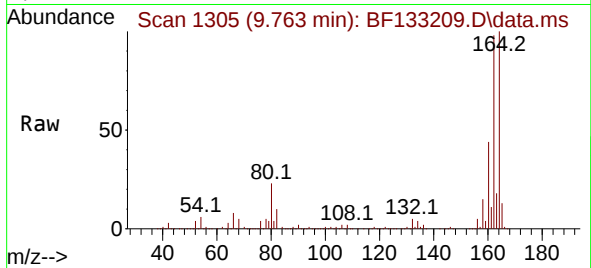




#57
2,4-Dinitrotoluene
Concen: 6.294 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

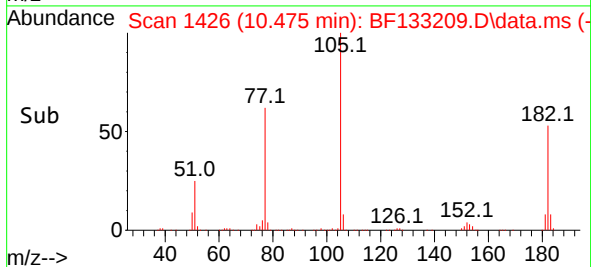
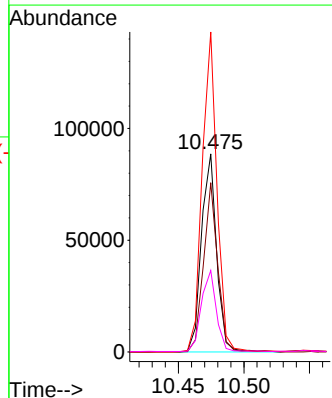
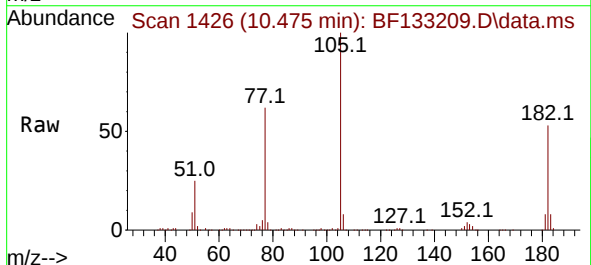
Instrument :
BNA_F
ClientSampleId :
CF-24

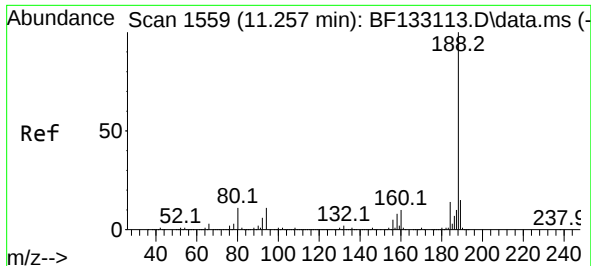
Tgt Ion:165 Resp: 50208
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 2.574 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

Tgt Ion: 77 Resp: 71582
Ion Ratio Lower Upper
77 100
182 85.5 5.9 45.9#
105 161.6 2.3 42.3#
51 41.2 11.1 51.1

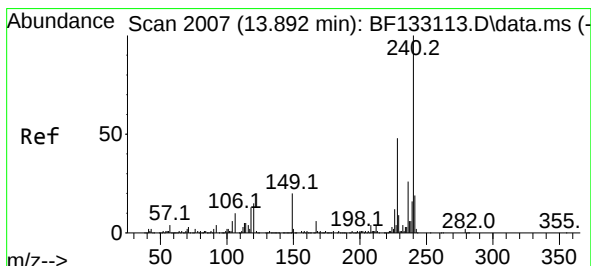
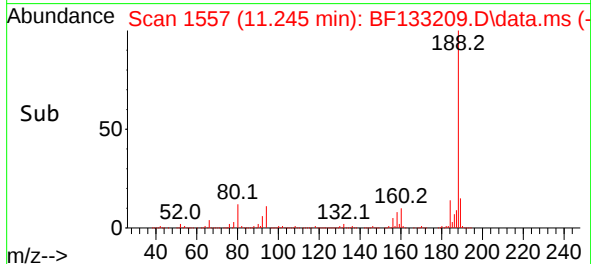
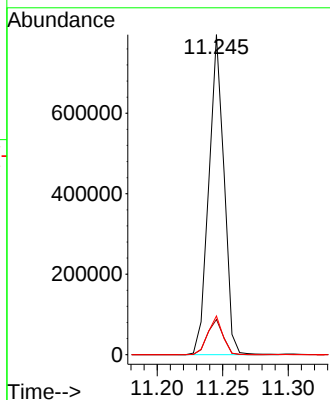
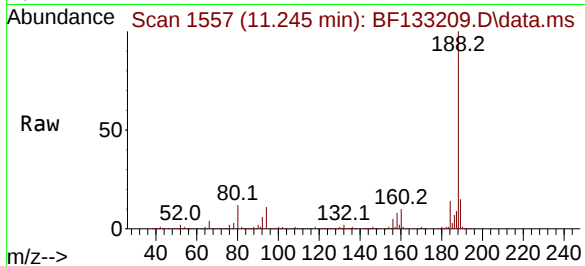




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

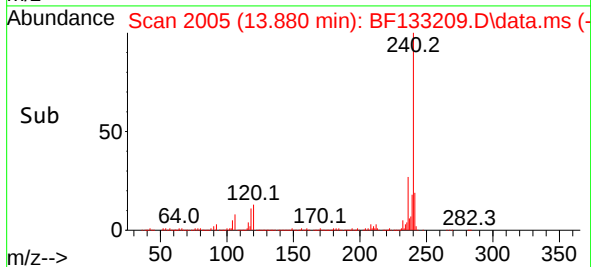
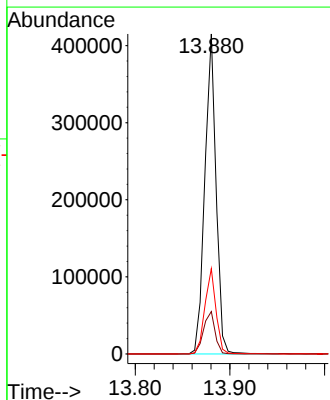
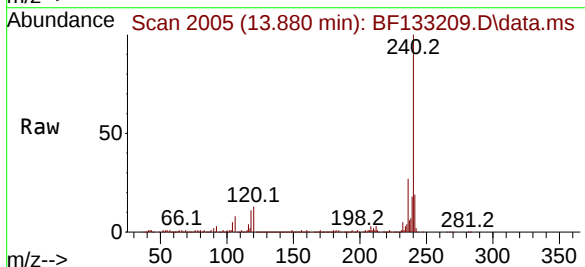
Instrument :
BNA_F
ClientSampleId :
CF-24

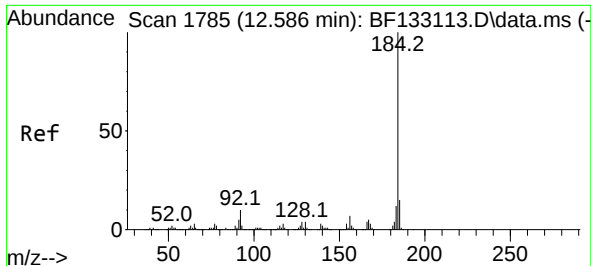
Tgt Ion:188 Resp: 642739
Ion Ratio Lower Upper
188 100
94 11.0 9.7 14.5
80 12.1 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

Tgt Ion:240 Resp: 340932
Ion Ratio Lower Upper
240 100
120 13.2 10.5 15.7
236 26.6 21.5 32.3

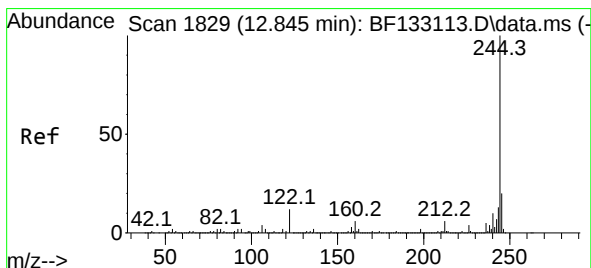
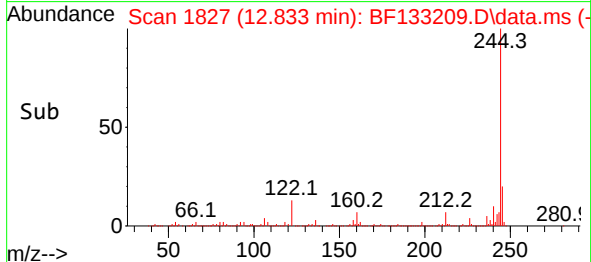
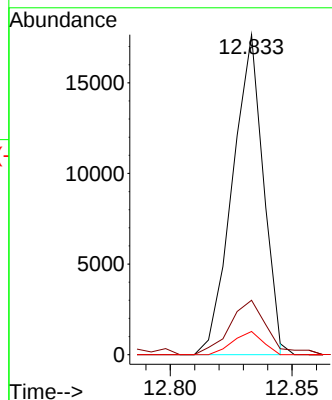
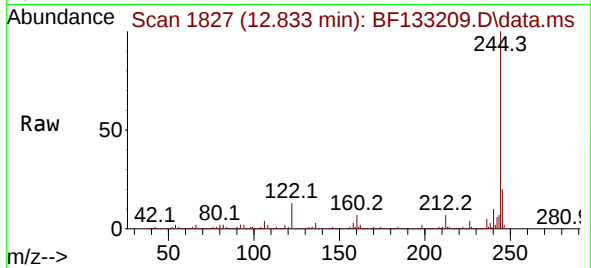




#77
Benzidine
Concen: 2.702 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.253 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

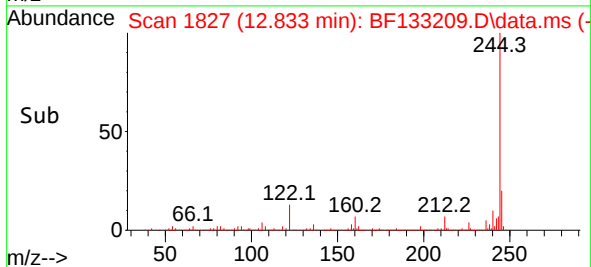
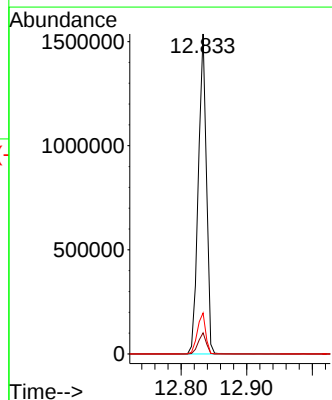
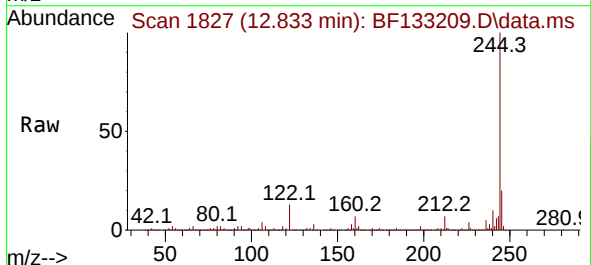
Instrument :
BNA_F
ClientSampleId :
CF-24

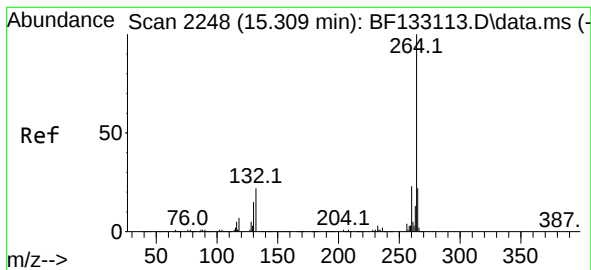
Tgt Ion:184 Resp: 15576
Ion Ratio Lower Upper
184 100
185 17.0 15.4 23.2
183 7.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 66.982 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

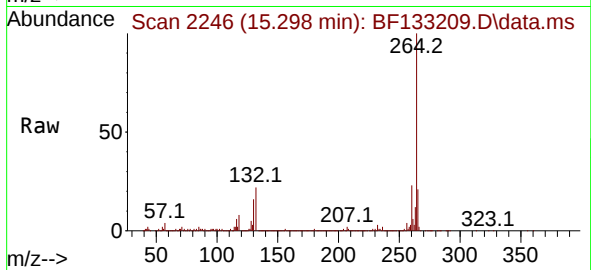
Tgt Ion:244 Resp: 1324103
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 12.8 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133209.D
Acq: 03 May 2023 16:11

Instrument :
BNA_F
ClientSampleId :
CF-24



Tgt Ion:264 Resp: 409085

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.0	17.0	25.4

