

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133216.D
 Acq On : 03 May 2023 19:50
 Operator : CG\JU
 Sample : 02583-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-26

Quant Time: May 04 01:41:06 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)

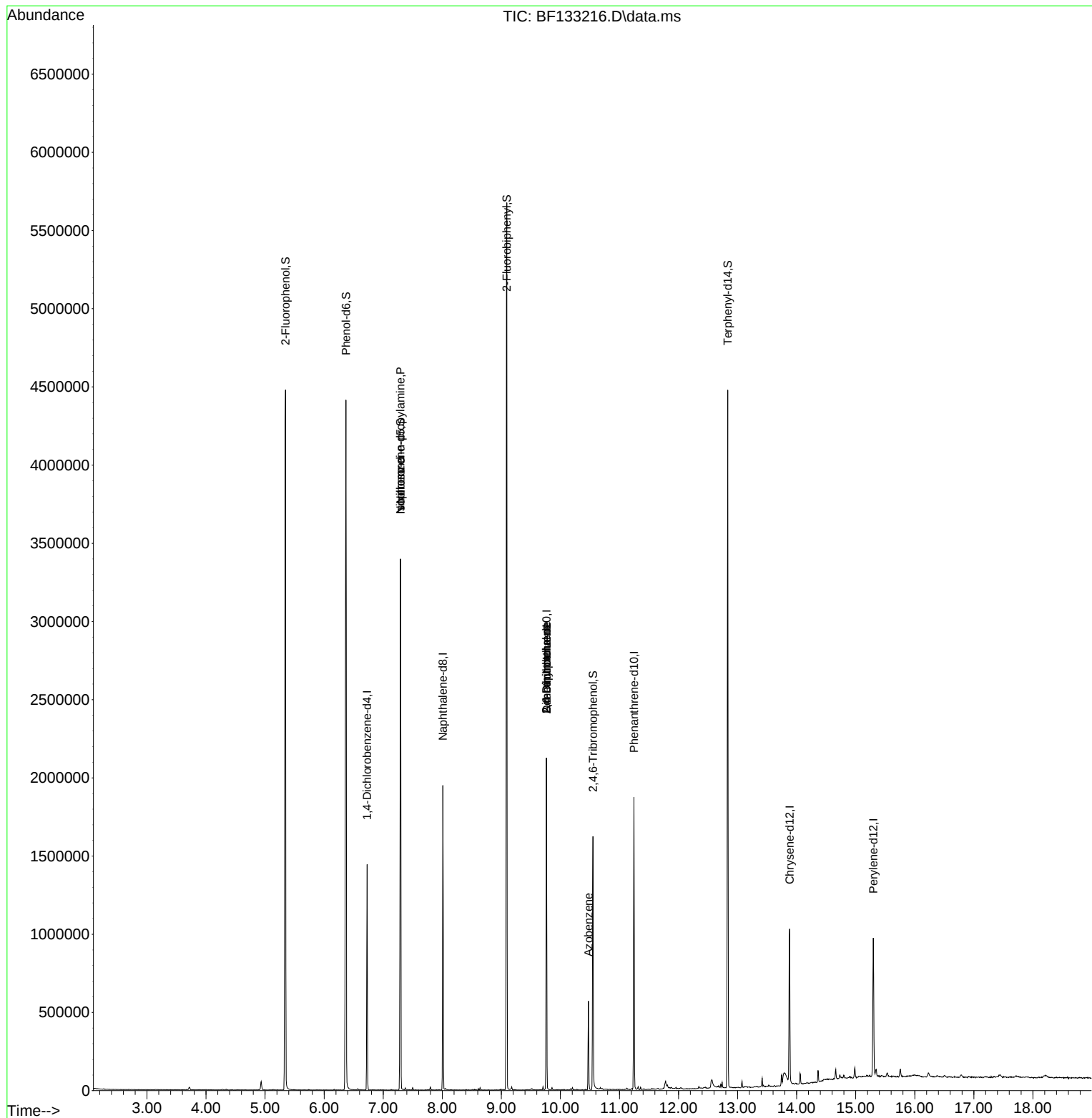
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	182575	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	725842	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	376226	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	602750	20.000	ng	0.00
76) Chrysene-d12	13.881	240	320117	20.000	ng	-0.01
86) Perylene-d12	15.298	264	365911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1380536	114.224	ng	0.00
7) Phenol-d6	6.369	99	1723177	114.867	ng	0.00
23) Nitrobenzene-d5	7.293	82	1056165	78.541	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	178851	47.269	ng	0.00
45) 2-Fluorobiphenyl	9.093	172	1739725	77.362	ng	0.00
79) Terphenyl-d14	12.834	244	1431954	77.148	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	310	Below Cal	#	72
19) n-Nitroso-di-n-propyla...	7.293	70	137562	14.729	ng	# 77
25) Isophorone	7.293	82	1056145	41.366	ng	# 62
50) Dimethylphthalate	9.763	163	74119	2.825	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	48639	8.238	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	48639	6.459	ng	# 23
63) Azobenzene	10.475	77	85570	3.260	ng	# 1

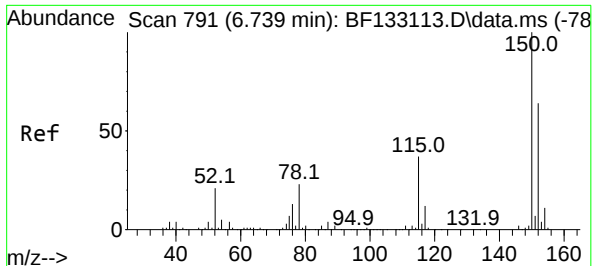
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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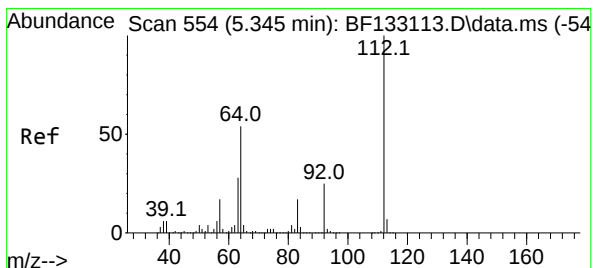
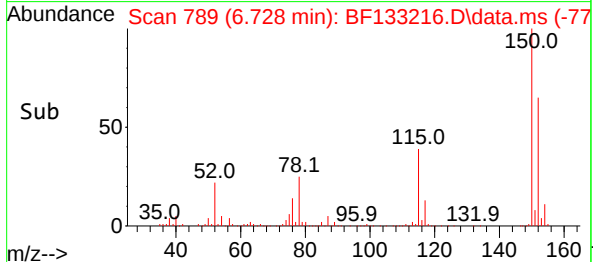
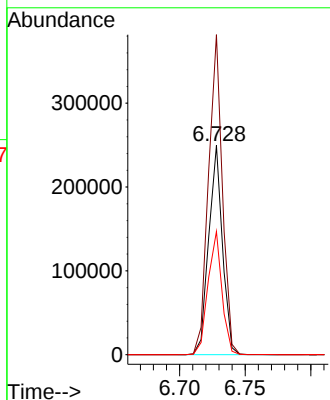
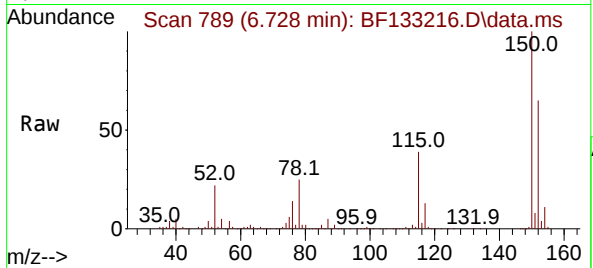




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133216.D
 Acq: 03 May 2023 19:50

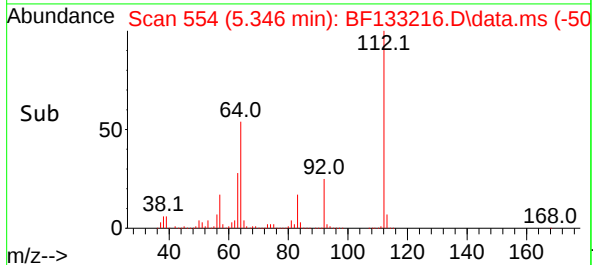
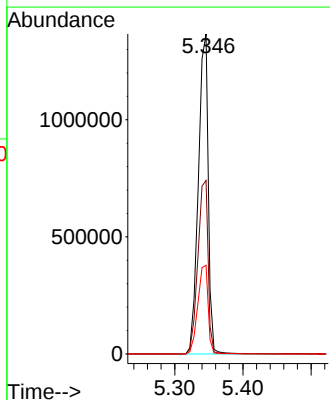
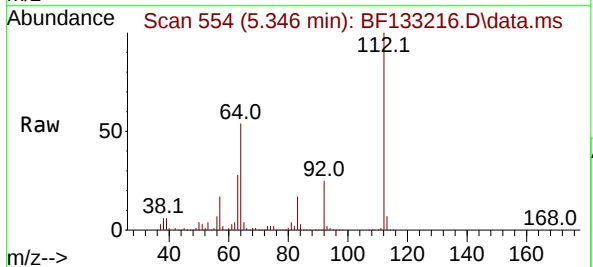
Instrument :
 BNA_F
 ClientSampleId :
 CF-26

Tgt Ion:152 Resp: 182575
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.8 187.2
 115 58.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 114.224 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF133216.D
 Acq: 03 May 2023 19:50

Tgt Ion:112 Resp: 1380536
 Ion Ratio Lower Upper
 112 100
 64 54.2 46.8 70.2
 63 27.7 23.8 35.8





#7
Phenol-d6
Concen: 114.867 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

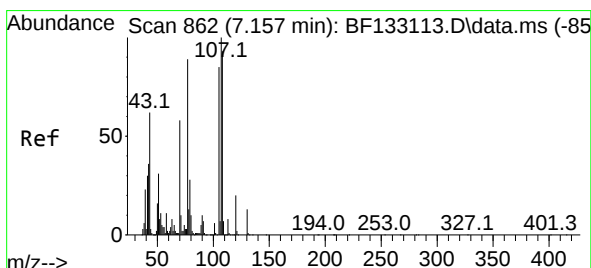
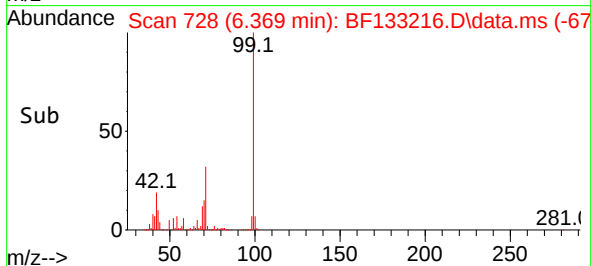
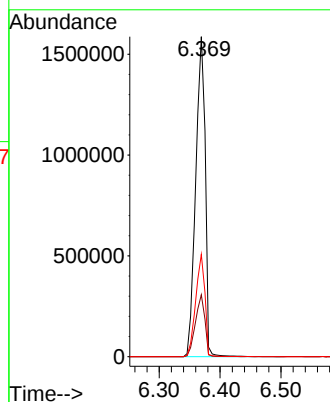
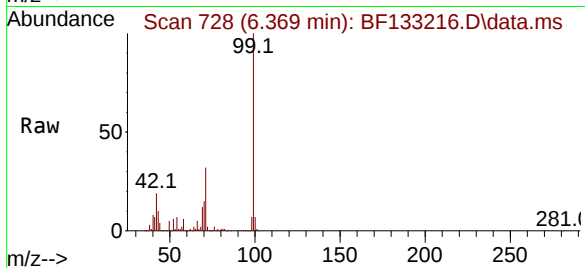
Instrument :

BNA_F

ClientSampleId :

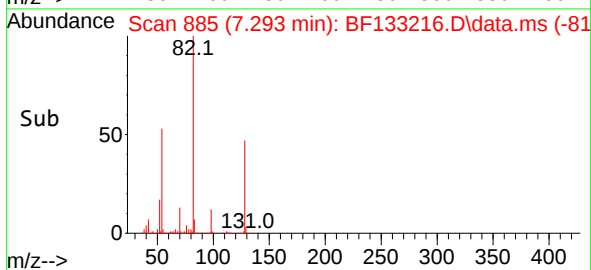
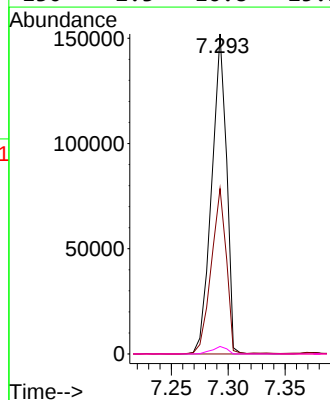
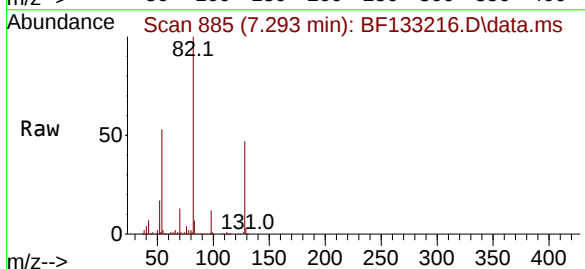
CF-26

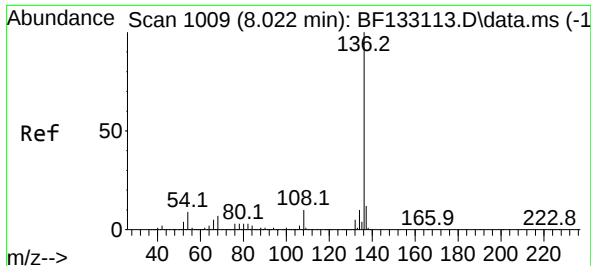
Tgt Ion: 99 Resp: 1723177
Ion Ratio Lower Upper
99 100
42 19.4 16.3 24.5
71 31.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.729 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

Tgt Ion: 70 Resp: 137562
Ion Ratio Lower Upper
70 100
42 51.7 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

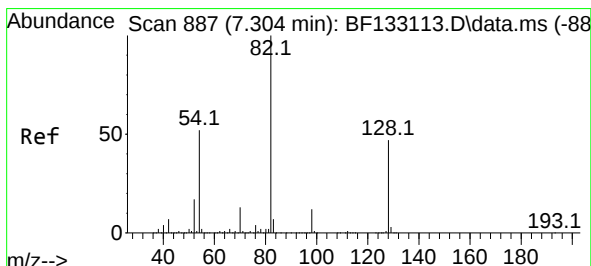
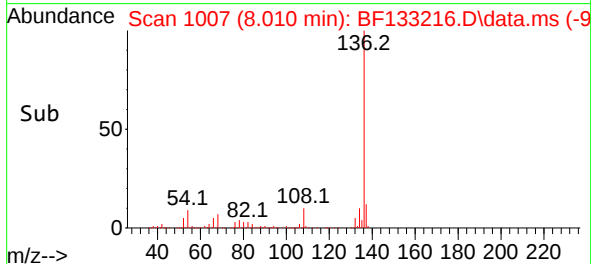
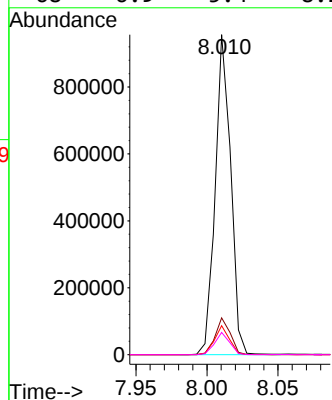
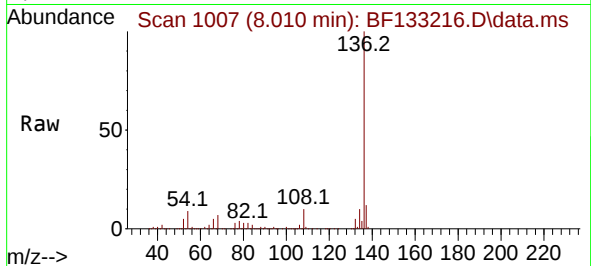




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

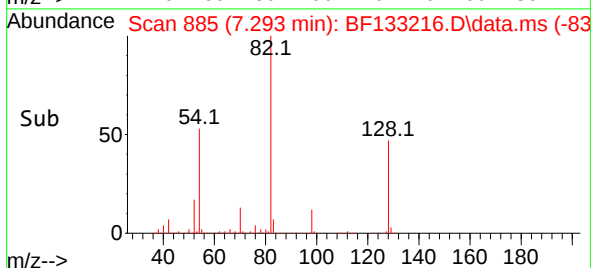
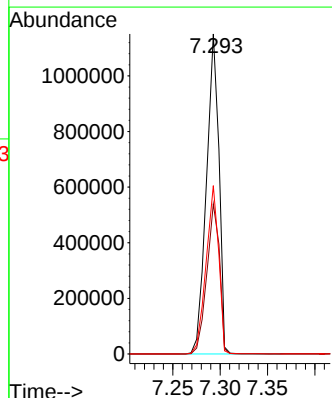
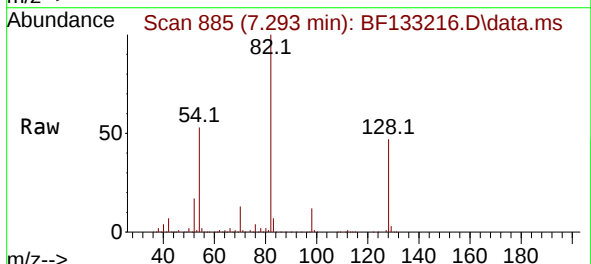
Instrument :
BNA_F
ClientSampleId :
CF-26

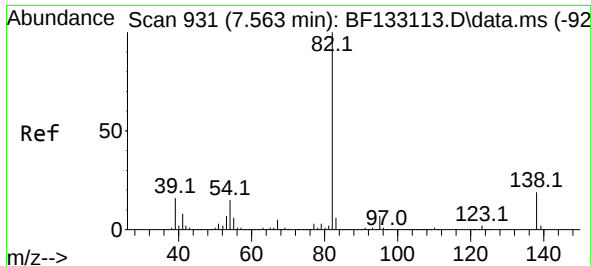
Tgt Ion:136	Resp: 725842
Ion Ratio	Lower Upper
136 100	
137 11.5	8.6 13.0
54 9.0	7.0 10.4
68 6.9	5.4 8.2



#23
Nitrobenzene-d5
Concen: 78.541 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

Tgt Ion: 82		Resp: 1056165	
Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.7	56.5
54	52.6	43.0	64.4

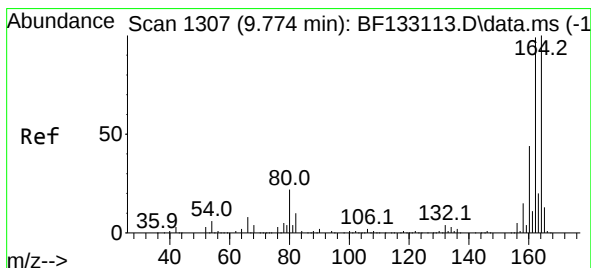
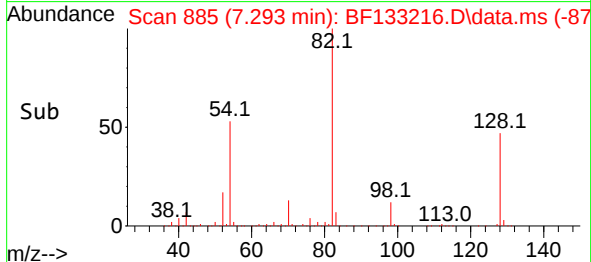
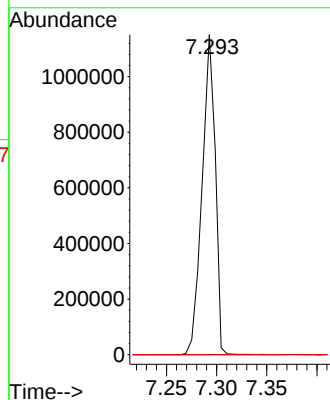
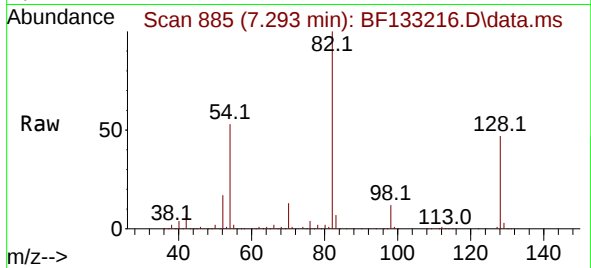




#25
Isophorone
Concen: 41.366 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

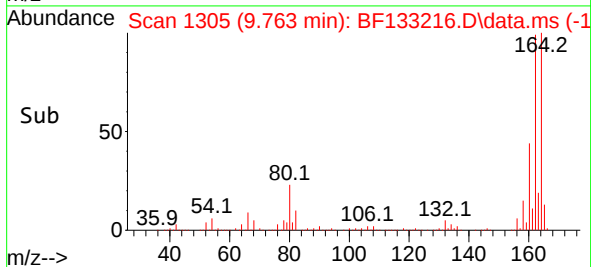
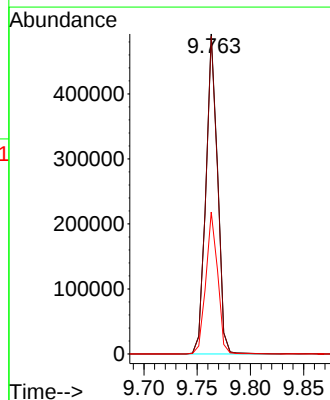
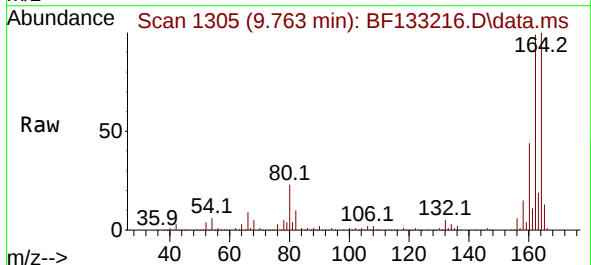
Instrument :
BNA_F
ClientSampleId :
CF-26

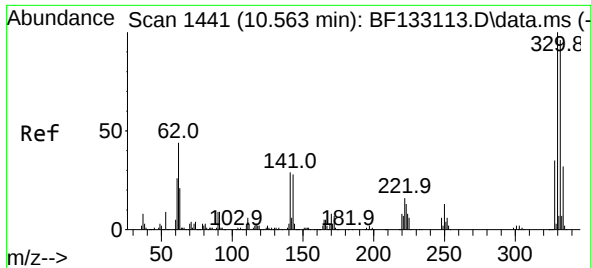
Tgt Ion: 82 Resp: 1056145
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

Tgt Ion: 164 Resp: 376226
Ion Ratio Lower Upper
164 100
162 99.3 78.7 118.1
160 44.4 35.8 53.6

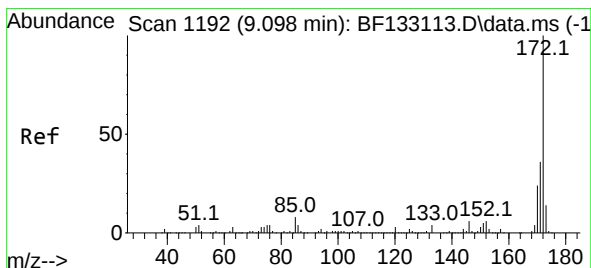
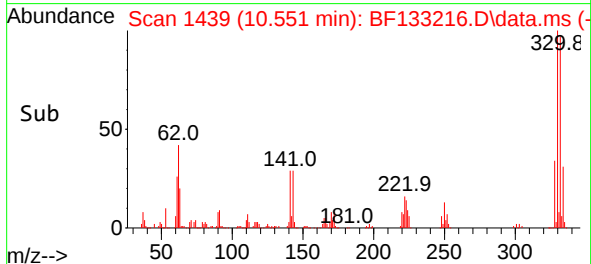
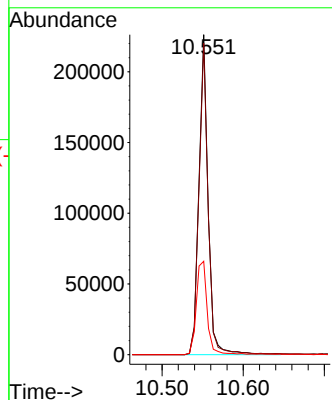
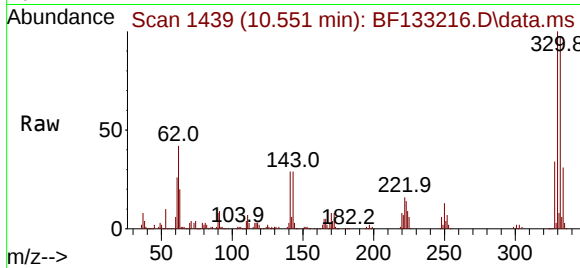




#42
2,4,6-Tribromophenol
Concen: 47.269 ng
RT: 10.551 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

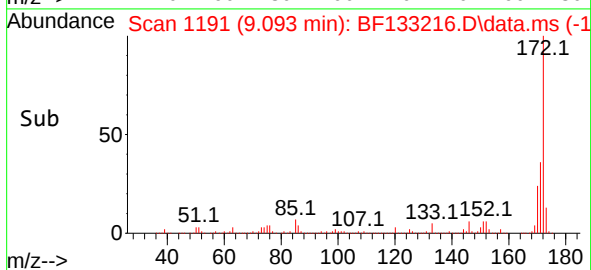
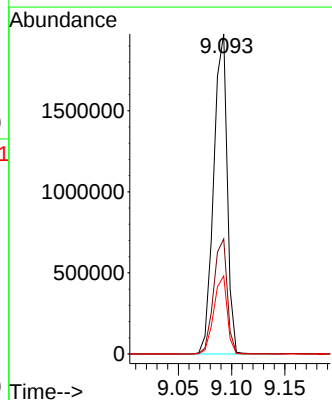
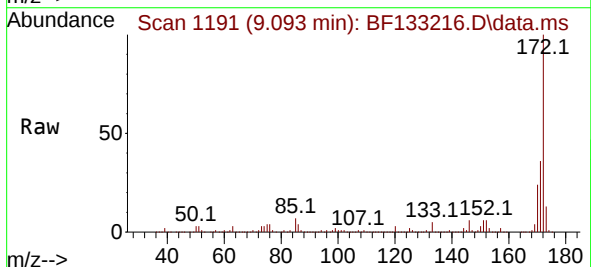
Instrument :
BNA_F
ClientSampleId :
CF-26

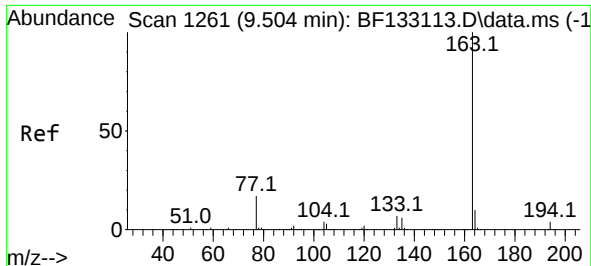
Tgt Ion:330 Resp: 178851
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 34.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 77.362 ng
RT: 9.093 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

Tgt Ion:172 Resp: 1739725
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.4 19.4 29.2

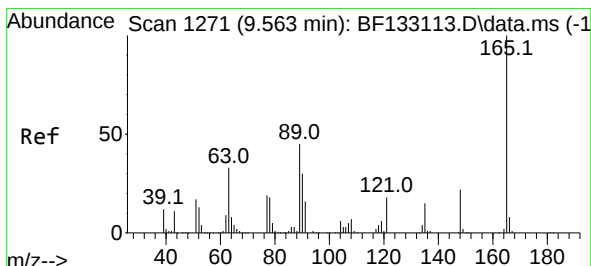
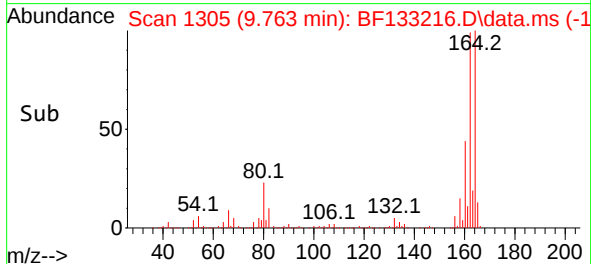
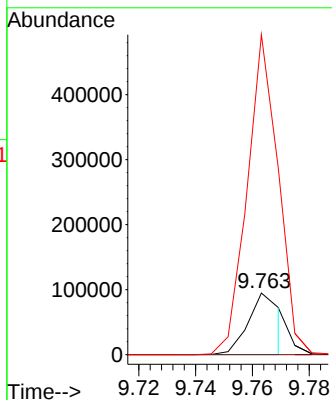
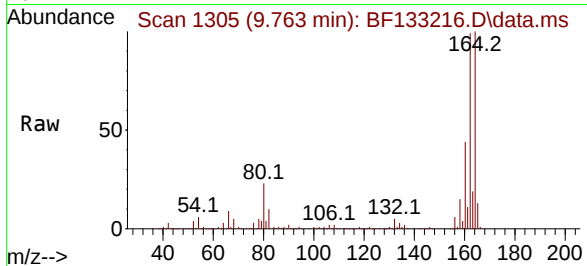




#50
Dimethylphthalate
Concen: 2.825 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.265 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

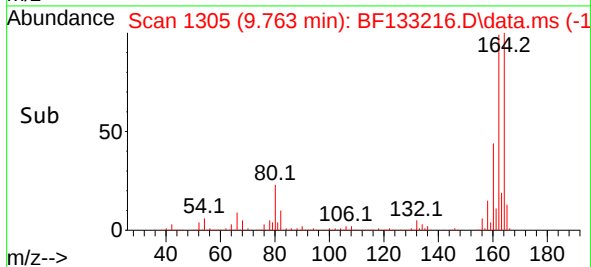
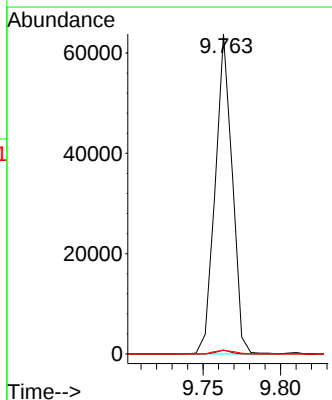
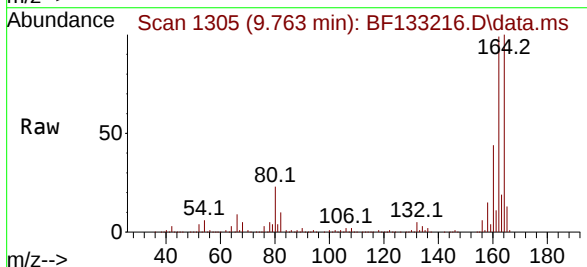
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ClientSampleId :
CF-26

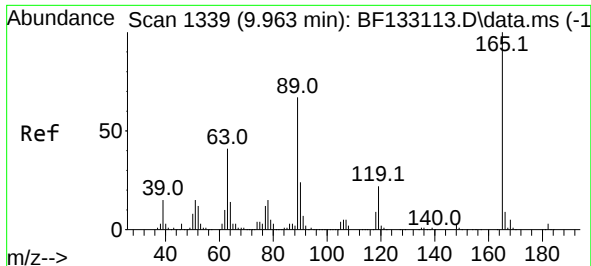
Tgt Ion:163 Resp: 74119
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 519.9 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.238 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.206 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

Tgt Ion:165 Resp: 48639
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.1 44.0 66.0#

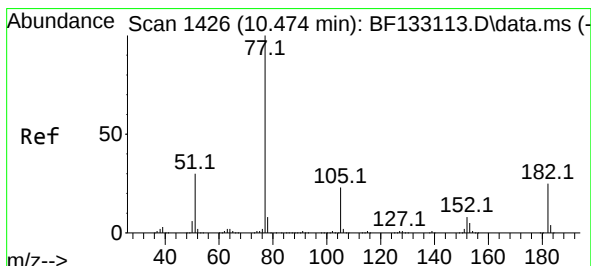
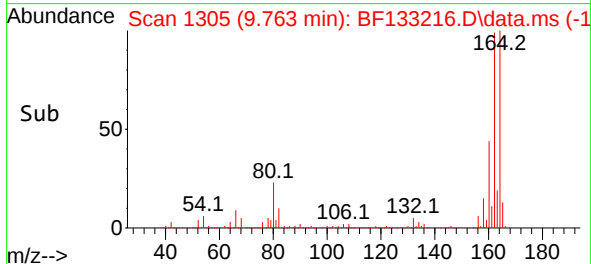
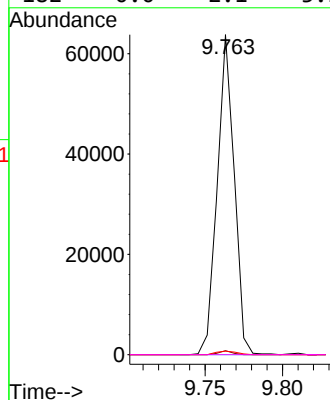
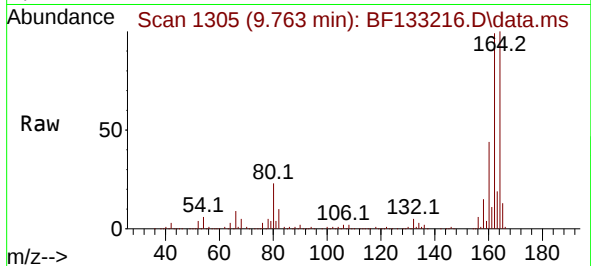




#57
2,4-Dinitrotoluene
Concen: 6.459 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

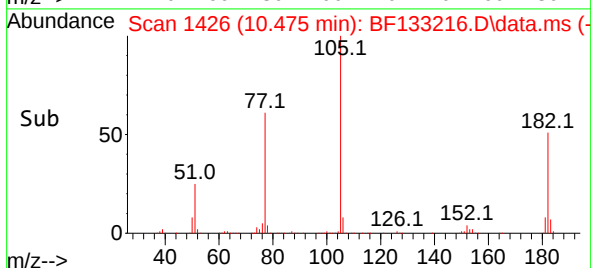
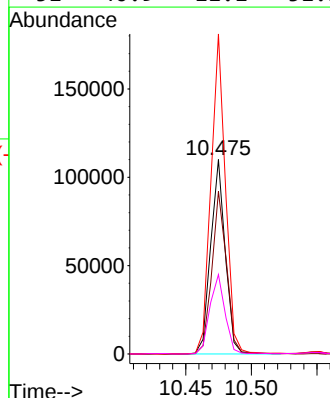
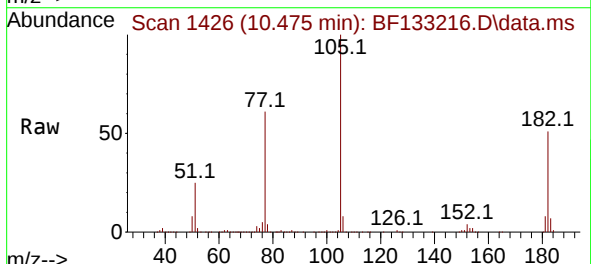
Instrument :
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ClientSampleId :
CF-26

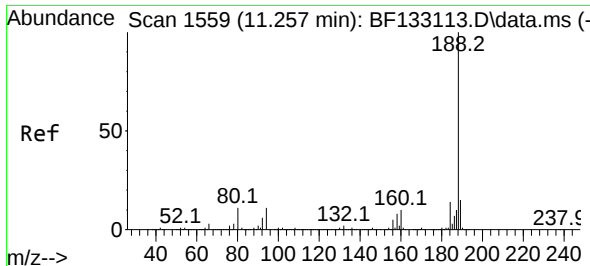
Tgt Ion:165 Resp: 48639
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 3.260 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

Tgt Ion: 77 Resp: 85570
Ion Ratio Lower Upper
77 100
182 83.6 5.9 45.9#
105 164.6 2.3 42.3#
51 40.9 11.1 51.1

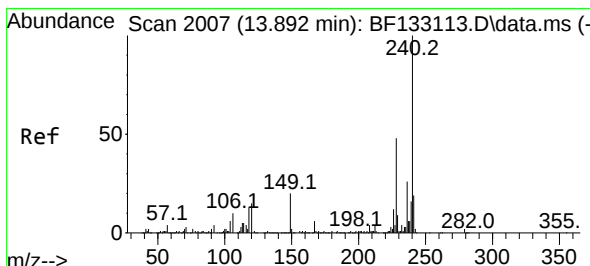
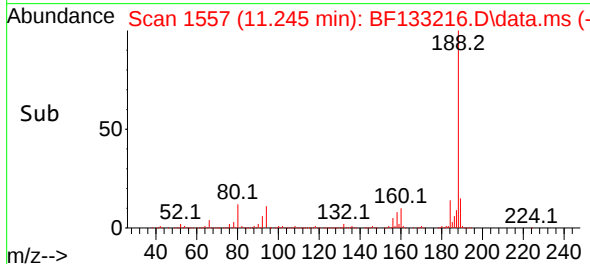
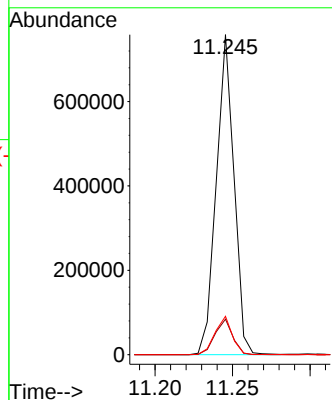
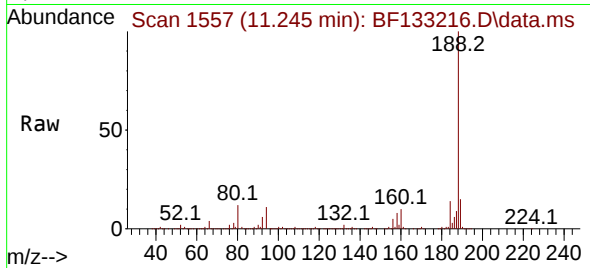




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

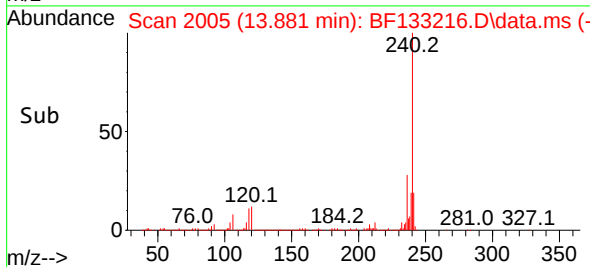
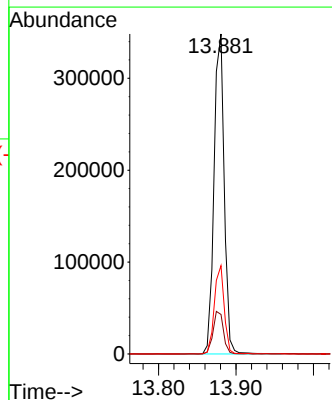
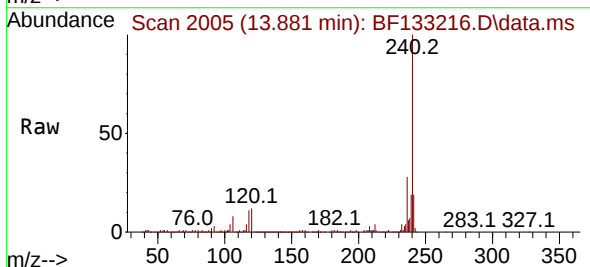
Instrument :
BNA_F
ClientSampleId :
CF-26

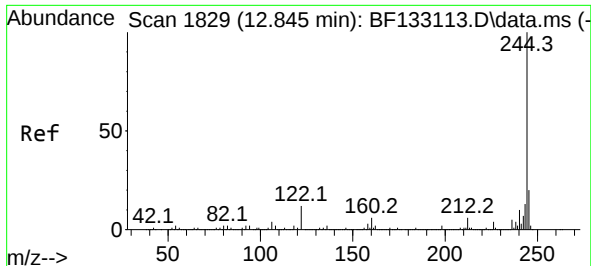
Tgt Ion:188 Resp: 602750
Ion Ratio Lower Upper
188 100
94 11.1 9.7 14.5
80 12.0 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.881 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133216.D
Acq: 03 May 2023 19:50

Tgt Ion:240 Resp: 320117
Ion Ratio Lower Upper
240 100
120 12.3 10.5 15.7
236 27.6 21.5 32.3

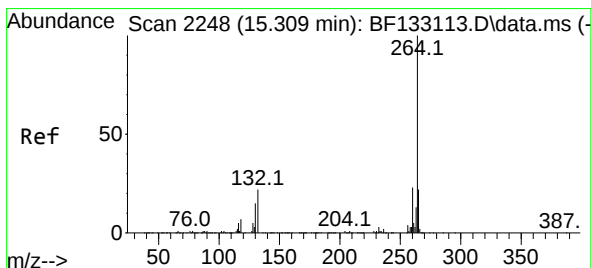
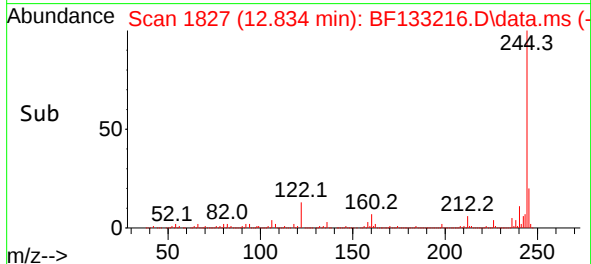
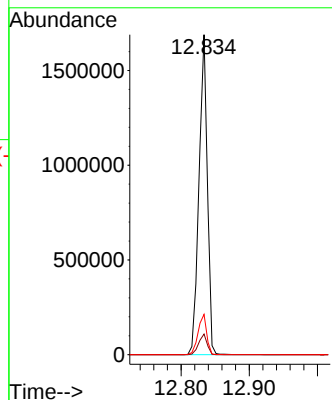
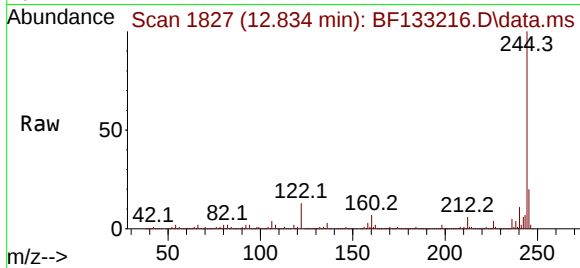




#79
 Terphenyl-d14
 Concen: 77.148 ng
 RT: 12.834 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF133216.D
 Acq: 03 May 2023 19:50

Instrument :
 BNA_F
 ClientSampleId :
 CF-26

Tgt Ion:244 Resp: 1431954
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 12.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.006 min
 Lab File: BF133216.D
 Acq: 03 May 2023 19:50

Tgt Ion:264 Resp: 365911
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.0 17.0 25.4

