

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133201.D
 Acq On : 03 May 2023 11:56
 Operator : CG\JU
 Sample : PB152525BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152525BL

Quant Time: May 03 12:14:51 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 12:00:39 2023
 Response via : Initial Calibration

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

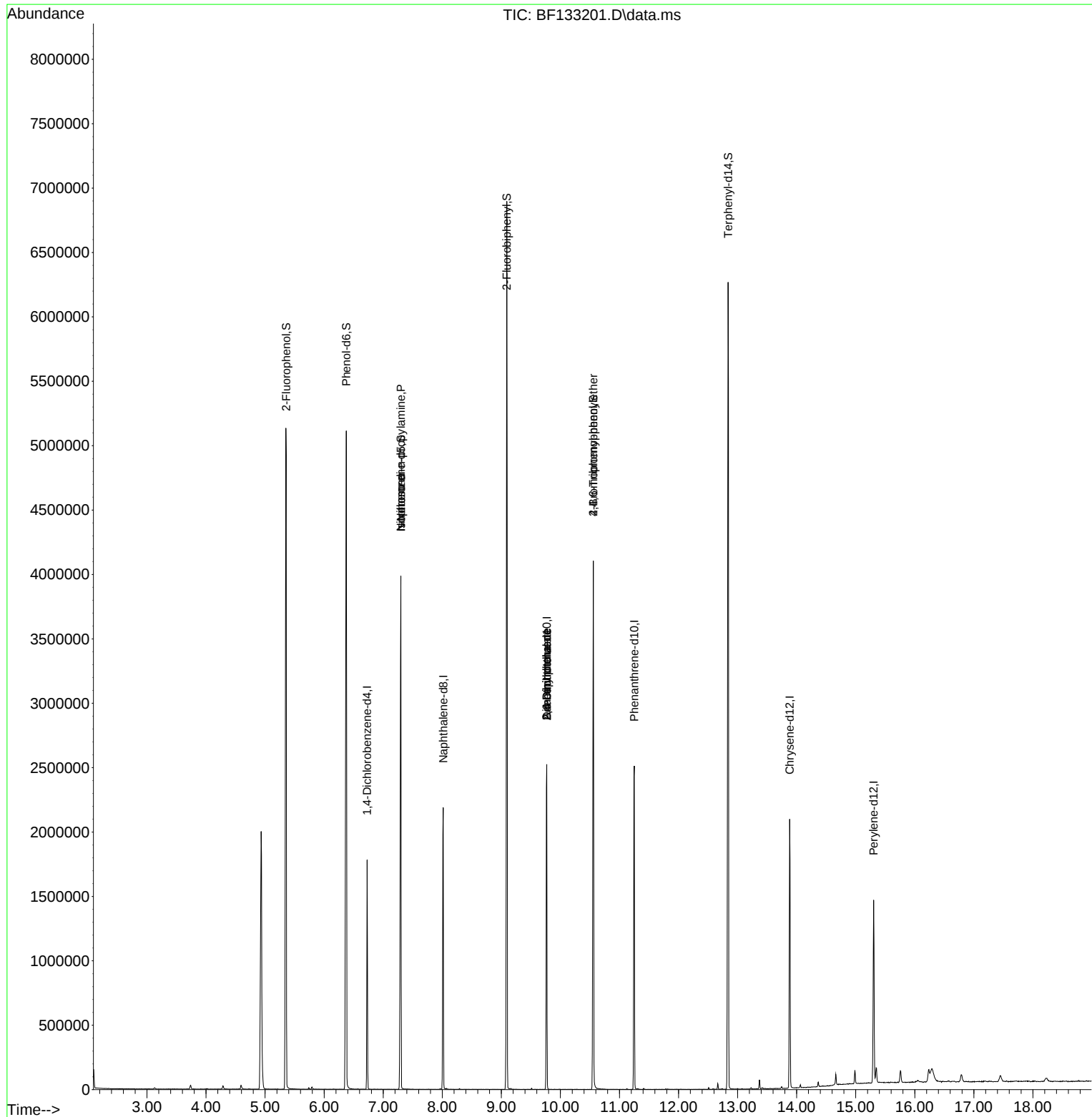
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	225598	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	960180	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	506294	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	951339	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	687058	20.000	ng	-0.01
86) Perylene-d12	15.304	264	590748	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1774978	118.853	ng	0.02
7) Phenol-d6	6.375	99	2174259	117.296	ng	0.00
23) Nitrobenzene-d5	7.298	82	1306027	73.419	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	558149	109.618	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2210860	73.056	ng	0.00
79) Terphenyl-d14	12.839	244	2675388	67.158	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.375	77	3013	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.298	70	174142	15.090	ng	# 76
25) Isophorone	7.298	82	1300334	38.500	ng	# 63
50) Dimethylphthalate	9.769	163	105680	2.994	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	66239	8.336	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	66239	6.537	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	34372	3.331	ng	# 1

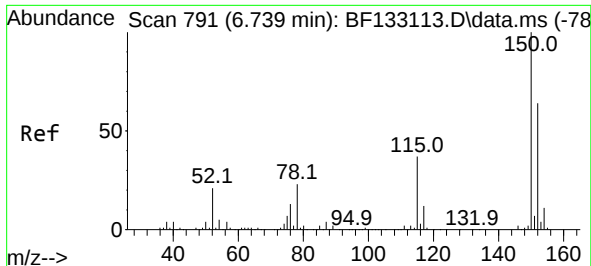
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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QLast Update : Wed May 03 12:00:39 2023
Response via : Initial Calibration

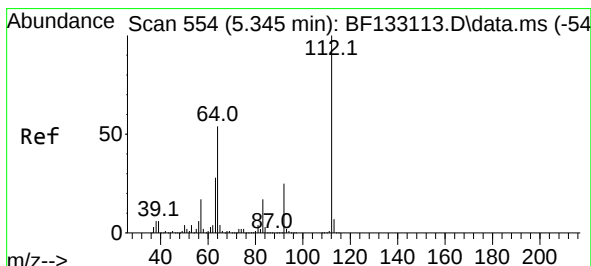
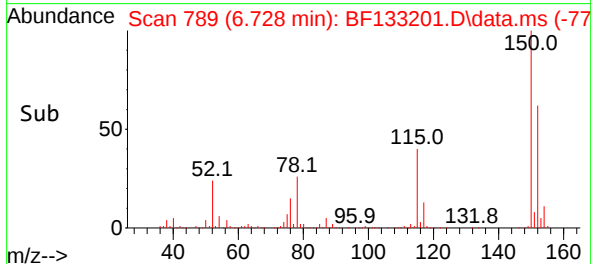
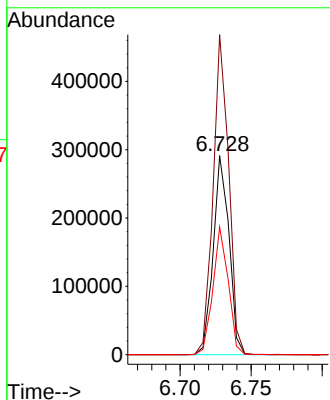
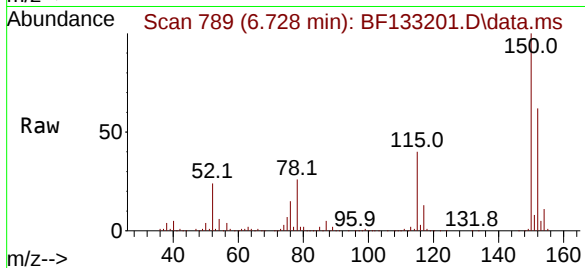




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF133201.D
 Acq: 03 May 2023 11:56

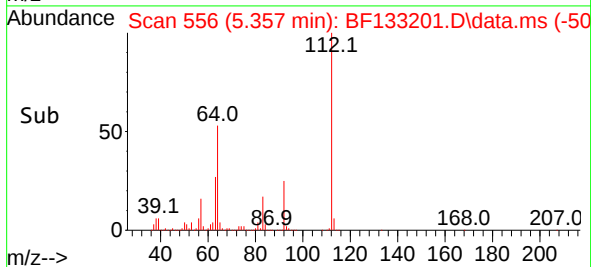
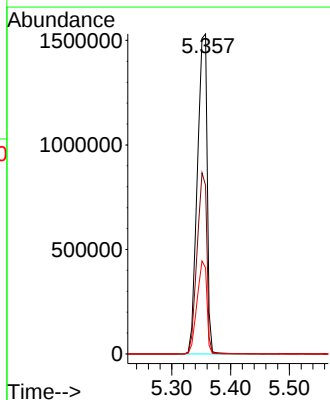
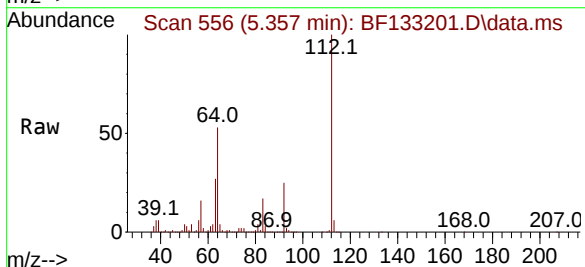
Instrument :
 BNA_F
 ClientSampleId :
 PB152525BL

Tgt Ion:152 Resp: 225598
 Ion Ratio Lower Upper
 152 100
 150 160.7 124.8 187.2
 115 64.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 118.853 ng
 RT: 5.357 min Scan# 556
 Delta R.T. 0.017 min
 Lab File: BF133201.D
 Acq: 03 May 2023 11:56

Tgt Ion:112 Resp: 1774978
 Ion Ratio Lower Upper
 112 100
 64 52.7 46.8 70.2
 63 26.9 23.8 35.8





#7
Phenol-d6
Concen: 117.296 ng
RT: 6.375 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

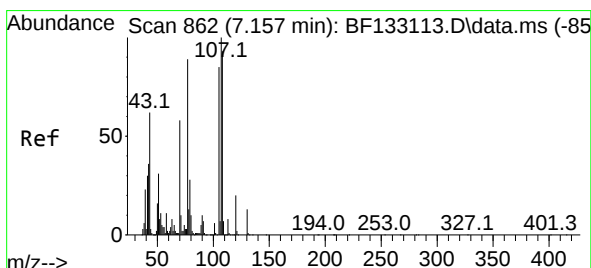
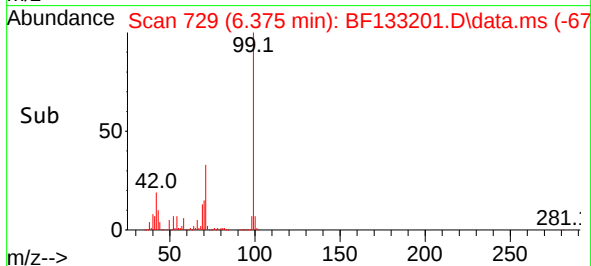
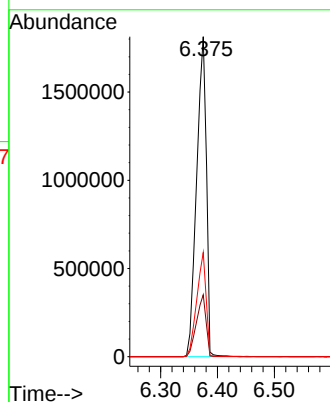
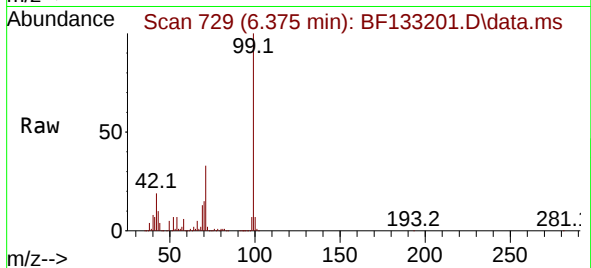
Instrument :

BNA_F

ClientSampleId :

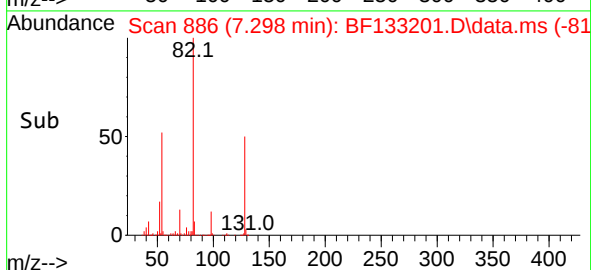
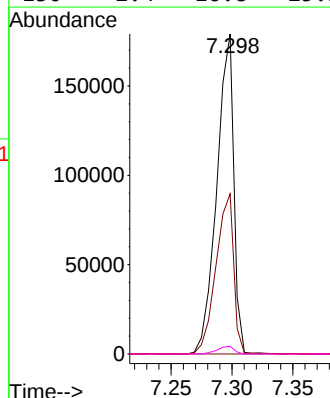
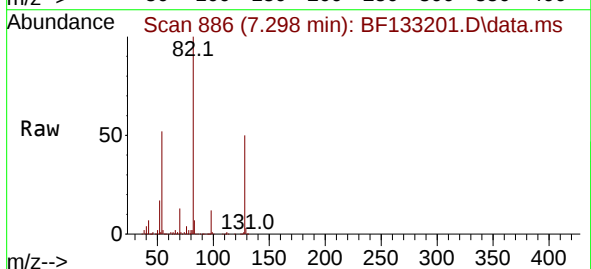
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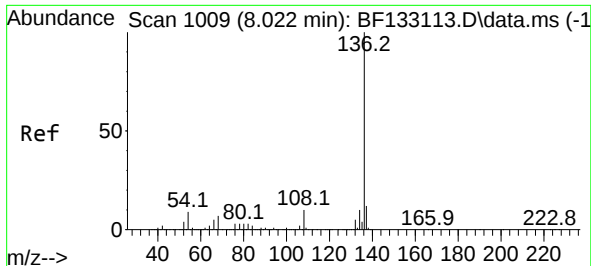
Tgt Ion: 99 Resp: 2174259
Ion Ratio Lower Upper
99 100
42 19.4 16.3 24.5
71 32.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.090 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.147 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

Tgt Ion: 70 Resp: 174142
Ion Ratio Lower Upper
70 100
42 50.1 51.8 77.6#
101 0.0 8.0 12.0#
130 2.4 16.8 25.2#

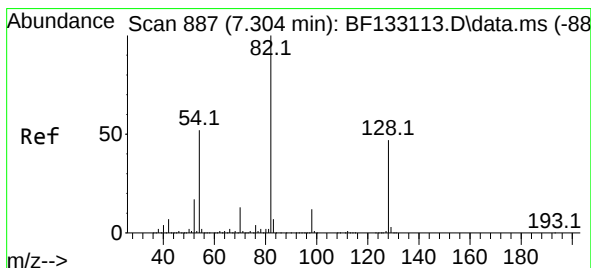
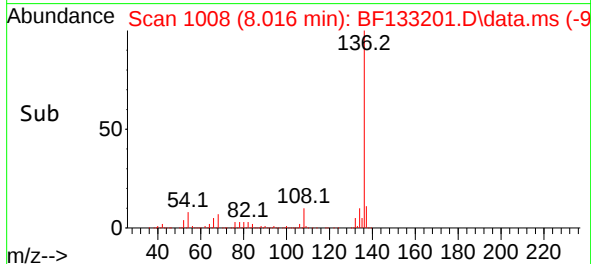
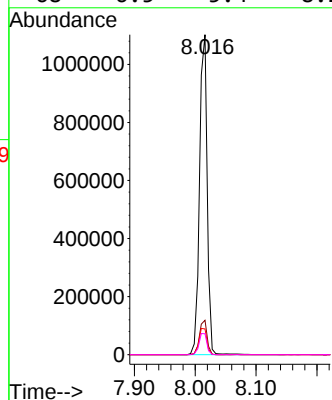
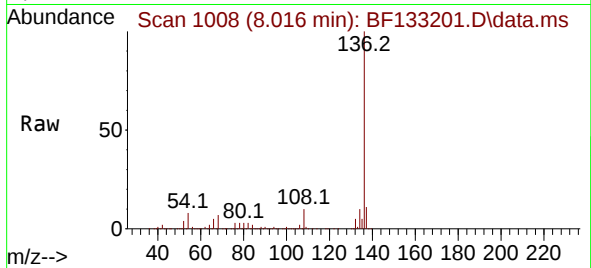




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

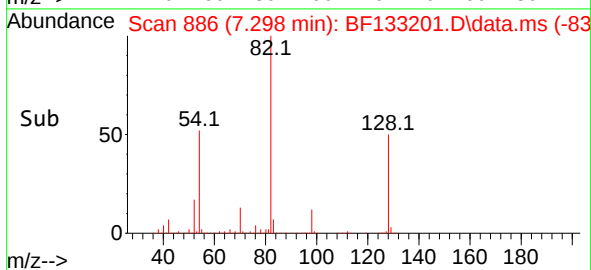
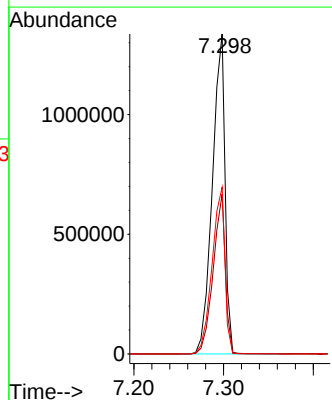
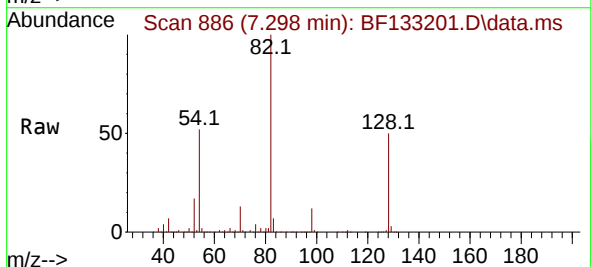
Instrument :
BNA_F
ClientSampleId :
PB152525BL

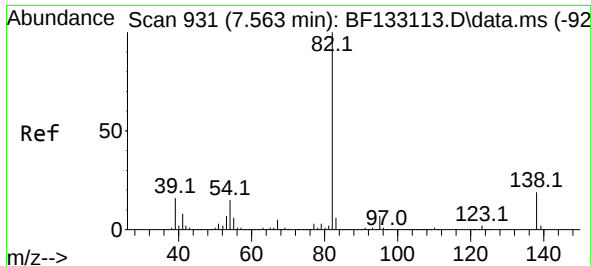
Tgt Ion:	136	Resp:	960180
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.1	7.0	10.4
68	6.5	5.4	8.2



#23
Nitrobenzene-d5
Concen: 73.419 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

Tgt Ion:	82	Resp:	1306027
Ion	Ratio	Lower	Upper
82	100		
128	50.0	37.7	56.5
54	52.1	43.0	64.4

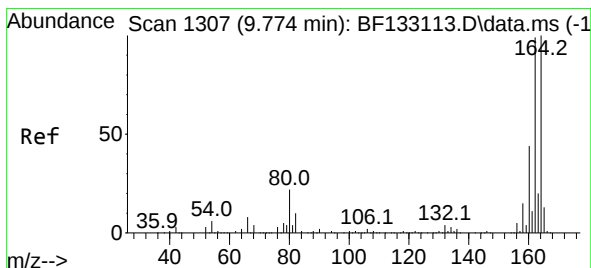
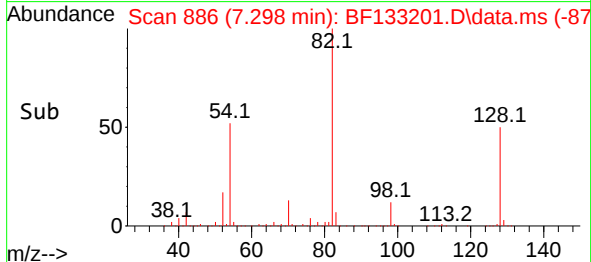
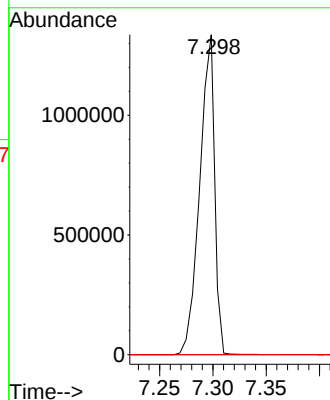
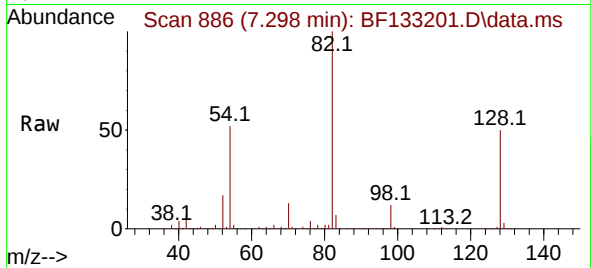




#25
Isophorone
Concen: 38.500 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

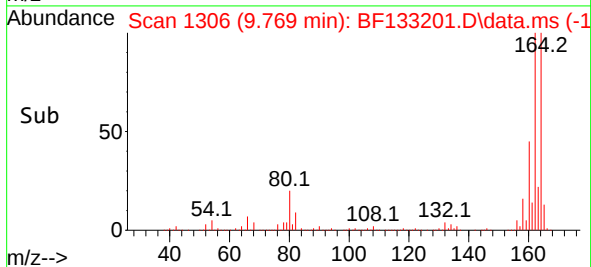
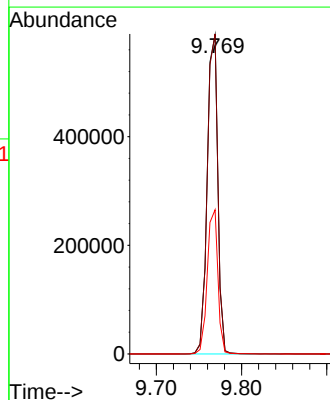
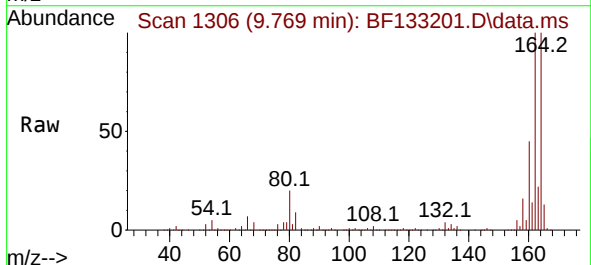
Instrument :
BNA_F
ClientSampleId :
PB152525BL

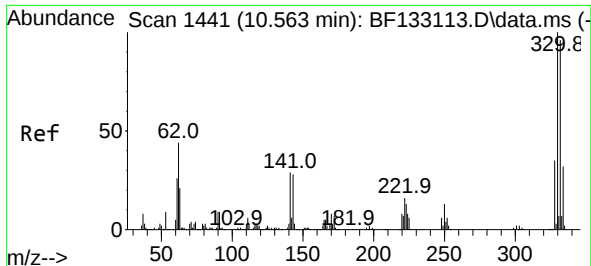
Tgt Ion: 82 Resp: 1300334
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

Tgt Ion: 164 Resp: 506294
Ion Ratio Lower Upper
164 100
162 100.3 78.7 118.1
160 45.2 35.8 53.6

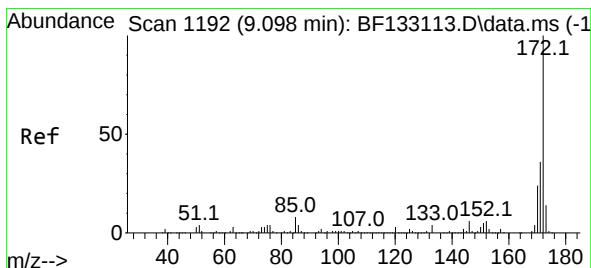
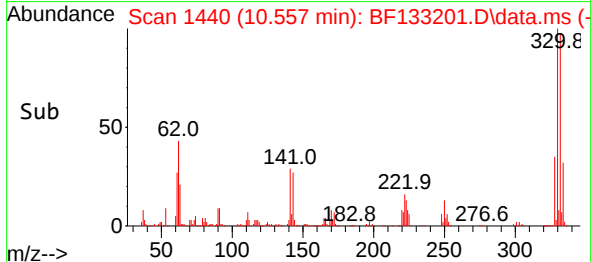
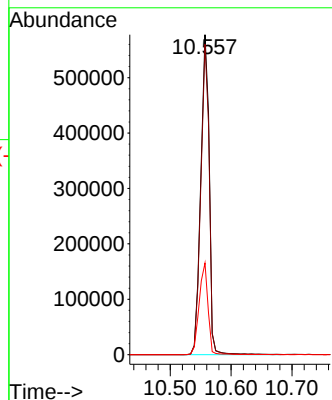
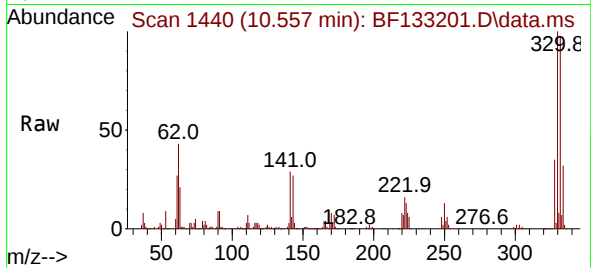




#42
2,4,6-Tribromophenol
Concen: 109.618 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

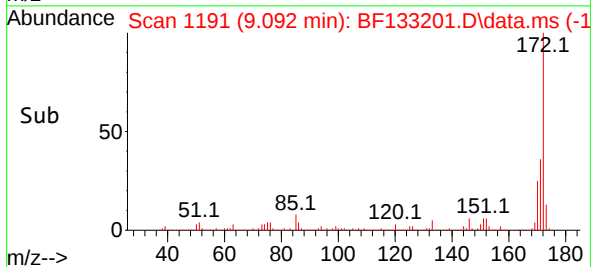
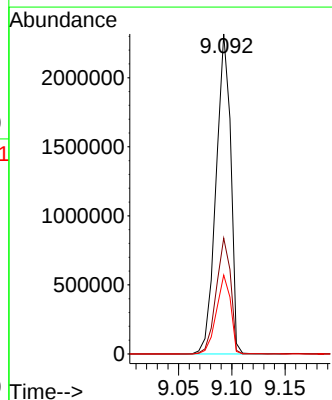
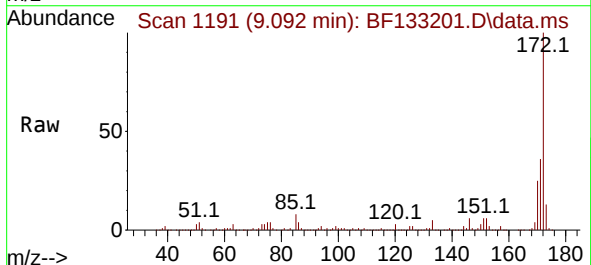
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PB152525BL

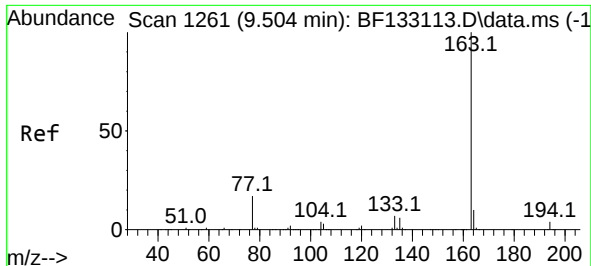
Tgt Ion:330 Resp: 558149
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 29.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 73.056 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

Tgt Ion:172 Resp: 2210860
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.6 19.4 29.2

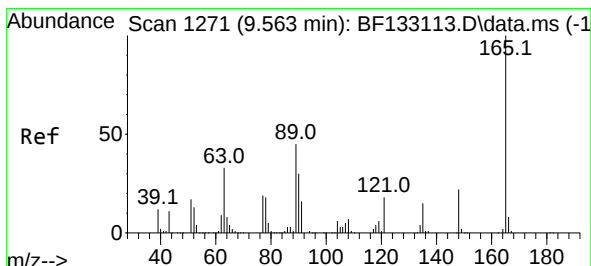
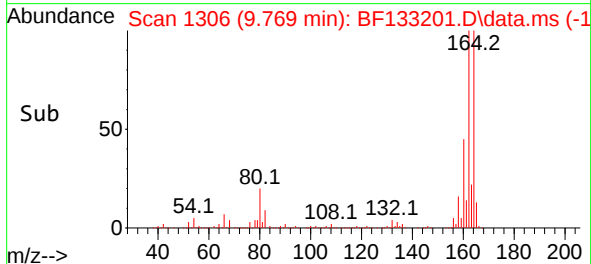
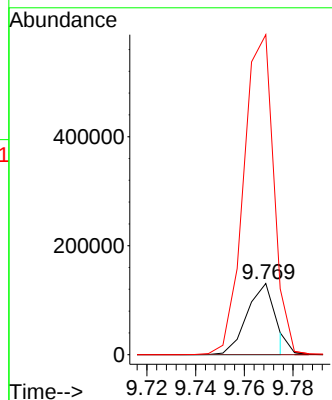
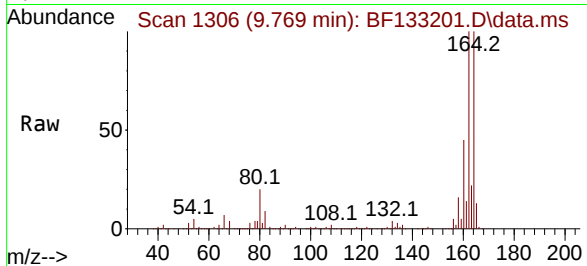




#50
Dimethylphthalate
Concen: 2.994 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.270 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

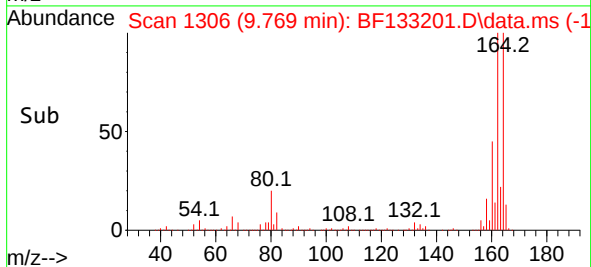
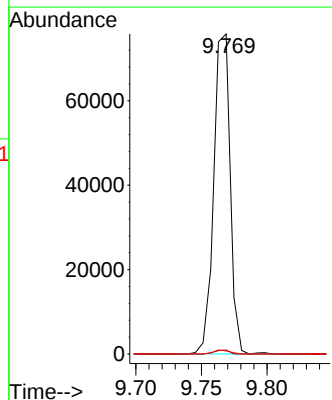
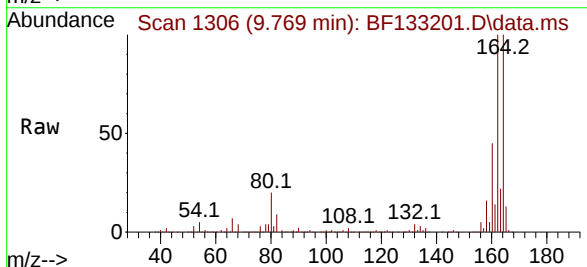
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ClientSampleId :
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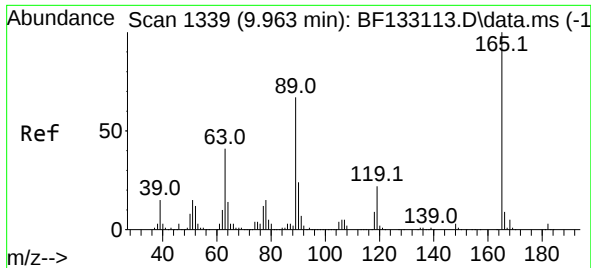
Tgt Ion:163 Resp: 105680
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 449.0 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.336 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.212 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

Tgt Ion:165 Resp: 66239
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 1.0 44.0 66.0#

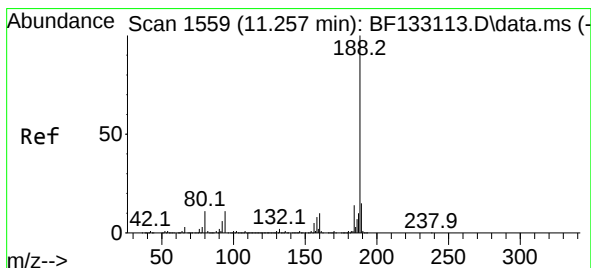
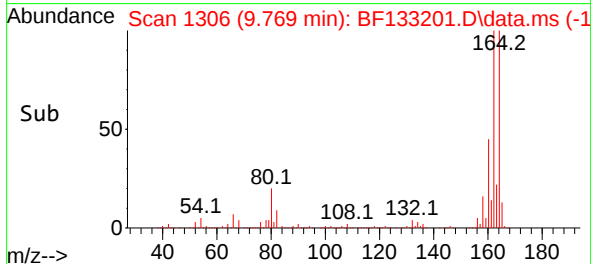
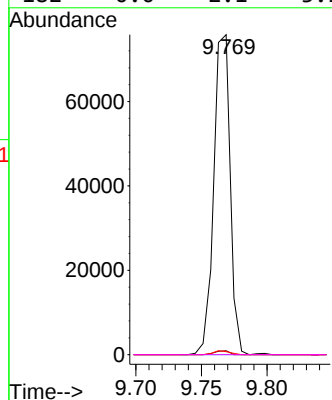
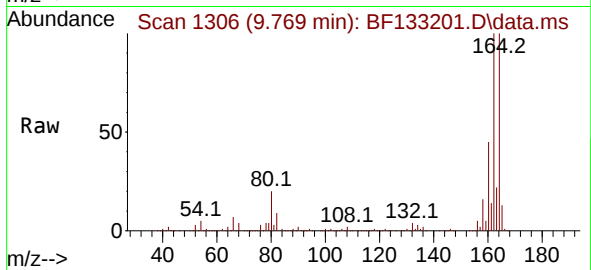




#57
2,4-Dinitrotoluene
Concen: 6.537 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

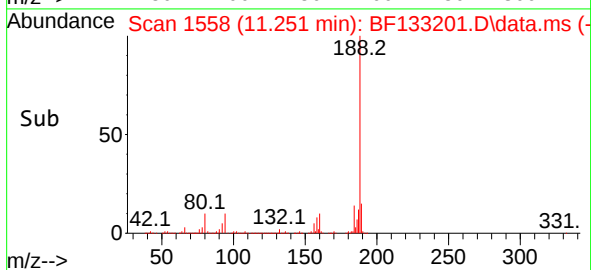
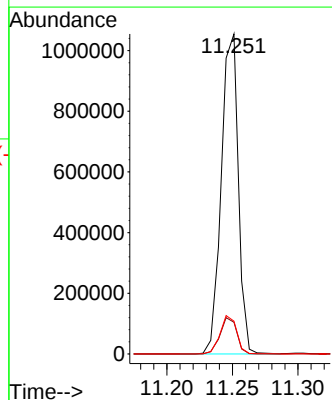
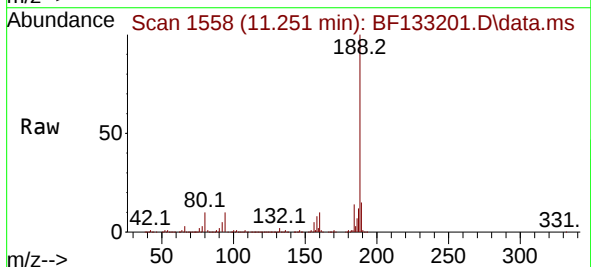
Instrument :
BNA_F
ClientSampleId :
PB152525BL

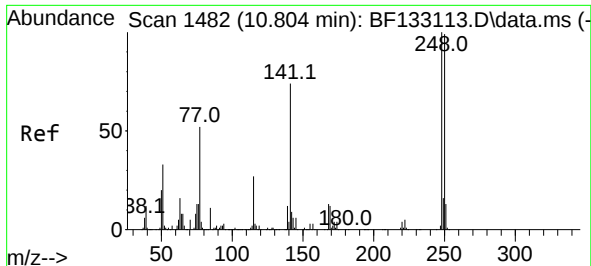
Tgt Ion:165 Resp: 66239
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 1.0 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

Tgt Ion:188 Resp: 951339
Ion Ratio Lower Upper
188 100
94 9.9 9.7 14.5
80 10.3 10.4 15.6#

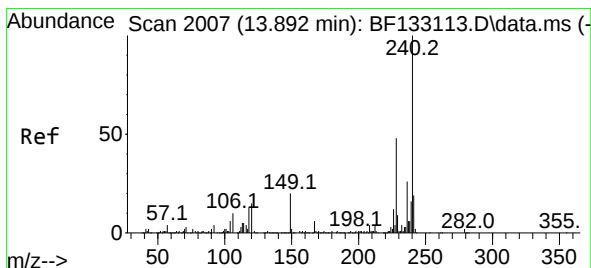
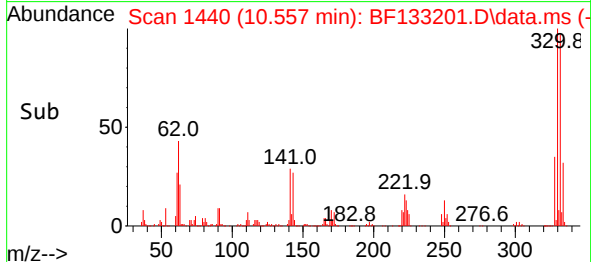
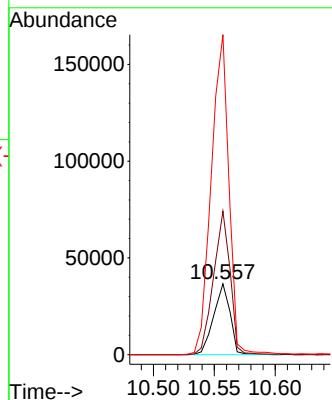
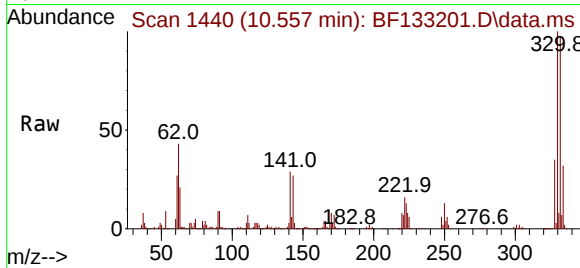




#67
4-Bromophenyl-phenylether
Concen: 3.331 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

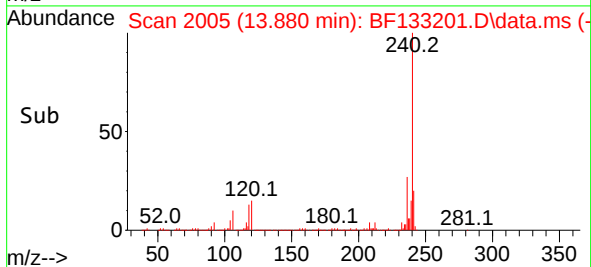
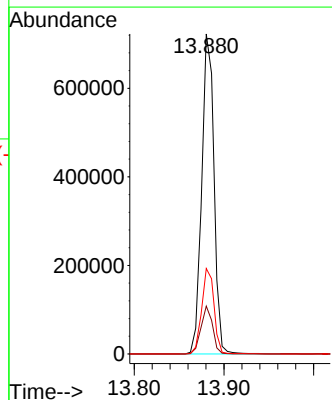
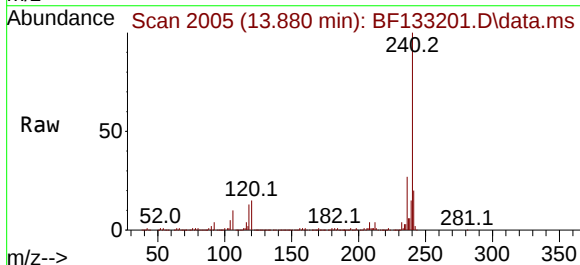
Instrument :
BNA_F
ClientSampleId :
PB152525BL

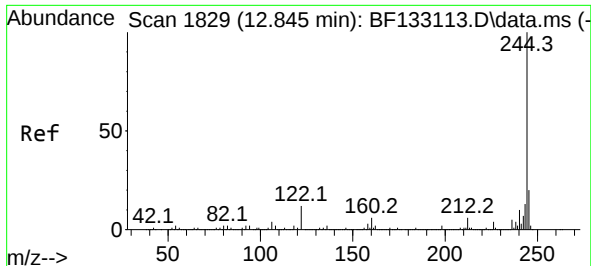
Tgt Ion:248 Resp: 34372
Ion Ratio Lower Upper
248 100
250 202.4 78.7 118.1#
141 451.4 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133201.D
Acq: 03 May 2023 11:56

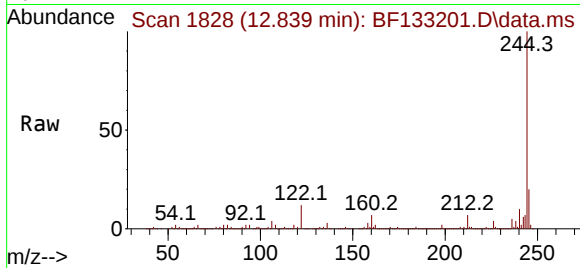
Tgt Ion:240 Resp: 687058
Ion Ratio Lower Upper
240 100
120 14.9 10.5 15.7
236 26.7 21.5 32.3





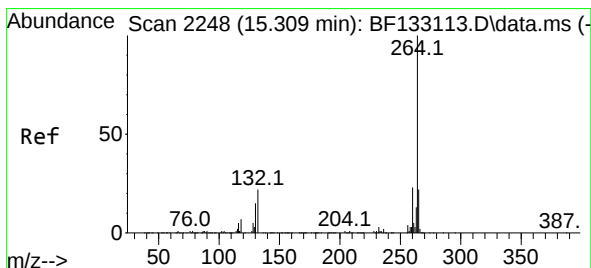
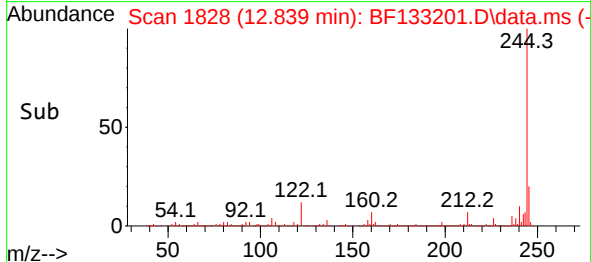
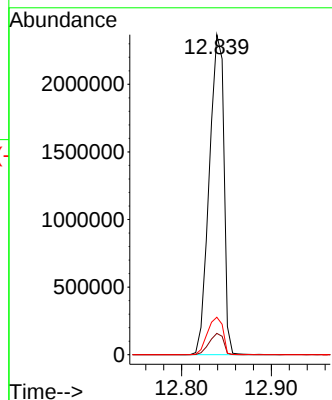
#79
 Terphenyl-d14
 Concen: 67.158 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. -0.000 min
 Lab File: BF133201.D
 Acq: 03 May 2023 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB152525BL



Tgt Ion:244 Resp: 2675388

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.1	7.7
122	11.7	8.6	13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. -0.000 min
 Lab File: BF133201.D
 Acq: 03 May 2023 11:56

Tgt Ion:264 Resp: 590748

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.6	17.0	25.4

