

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133204.D
 Acq On : 03 May 2023 13:29
 Operator : CG\JU
 Sample : PB152548BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152548BL

Quant Time: May 03 14:25:27 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)

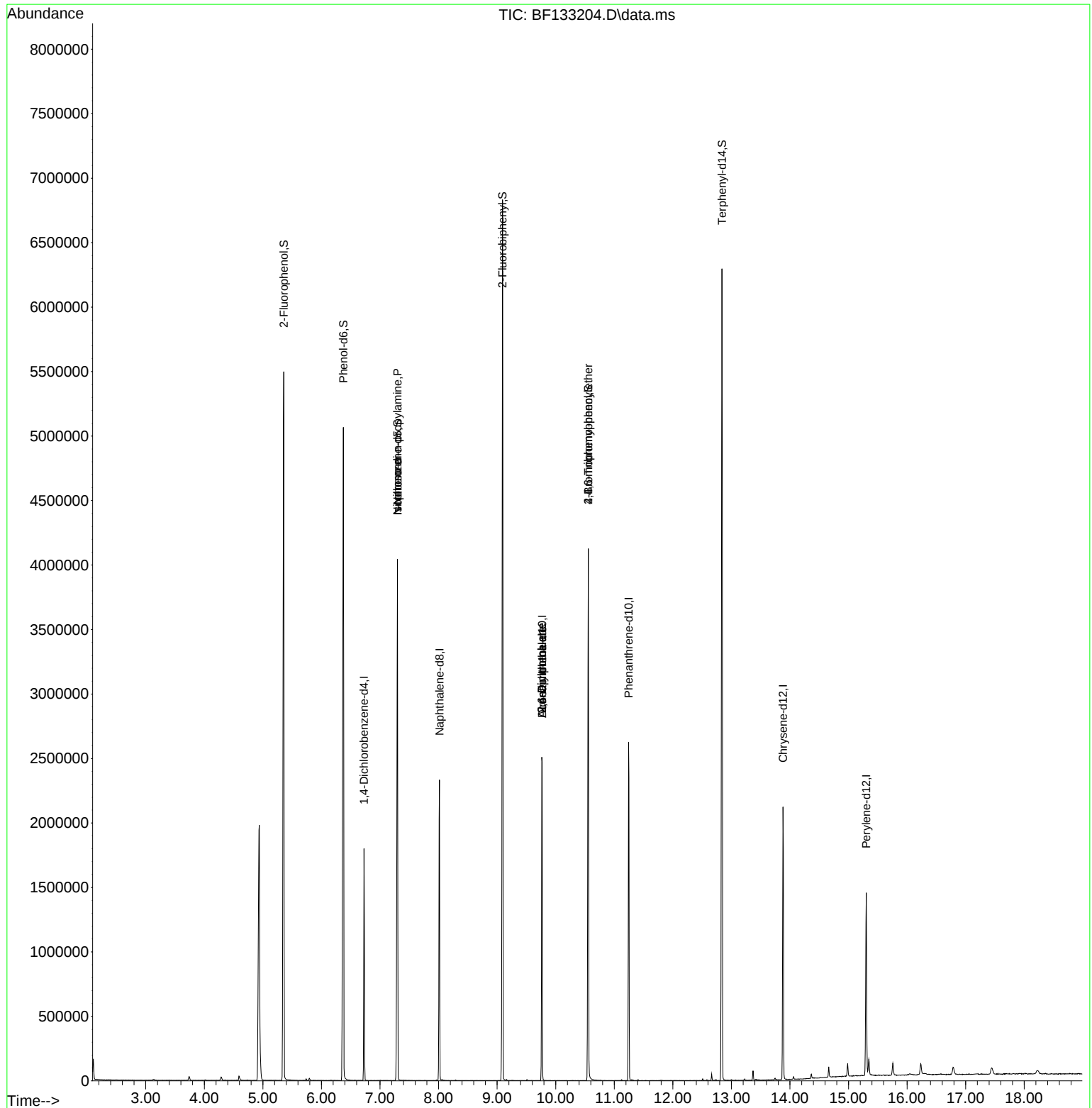
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	231663	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	994899	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	533275	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	964759	20.000	ng	0.00
76) Chrysene-d12	13.880	240	682883	20.000	ng	-0.01
86) Perylene-d12	15.304	264	595832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1823396	118.899	ng	0.02
7) Phenol-d6	6.375	99	2207941	115.995	ng	0.00
23) Nitrobenzene-d5	7.298	82	1353663	73.441	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	571128	106.492	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2280725	71.551	ng	0.00
79) Terphenyl-d14	12.839	244	2674220	67.539	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	3098	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.298	70	182214	15.376	ng	# 74
25) Isophorone	7.298	82	1347729	38.511	ng	# 63
50) Dimethylphthalate	9.769	163	110794	2.980	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	68358	8.168	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	68358	6.405	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	34473	3.295	ng	# 1

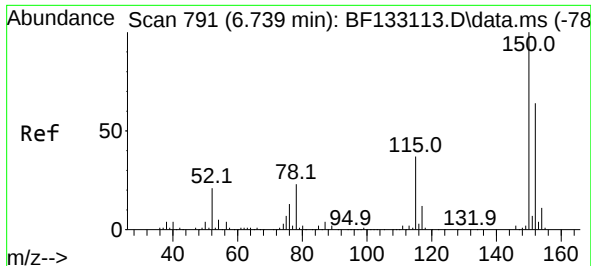
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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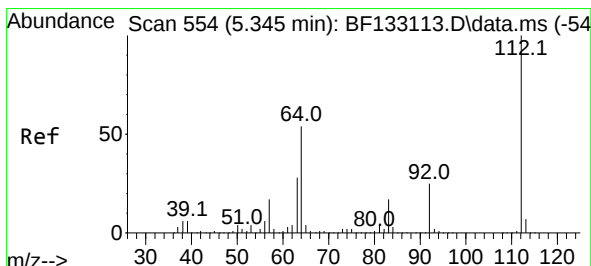
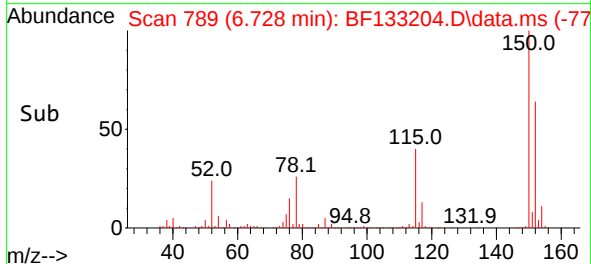
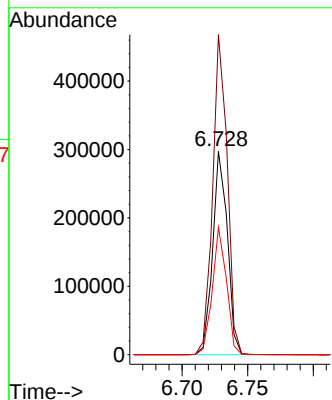
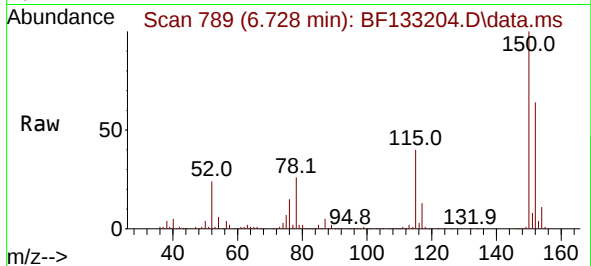




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

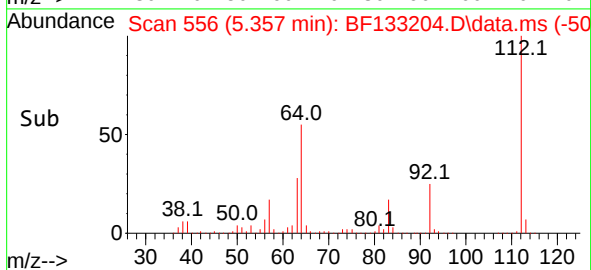
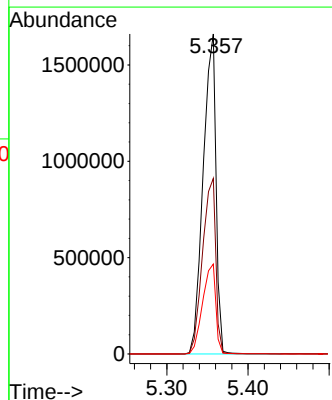
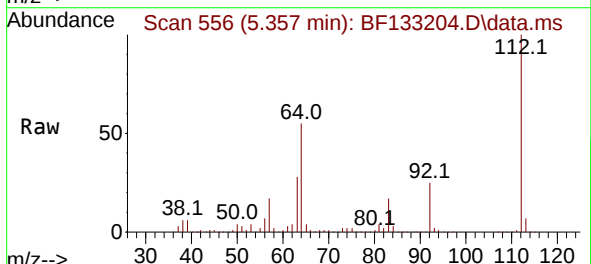
Instrument :
BNA_F
ClientSampleId :
PB152548BL

Tgt Ion:152 Resp: 231663
Ion Ratio Lower Upper
152 100
150 157.3 124.8 187.2
115 62.6 49.9 74.9



#5
2-Fluorophenol
Concen: 118.899 ng
RT: 5.357 min Scan# 556
Delta R.T. 0.017 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

Tgt Ion:112 Resp: 1823396
Ion Ratio Lower Upper
112 100
64 54.9 46.8 70.2
63 28.1 23.8 35.8

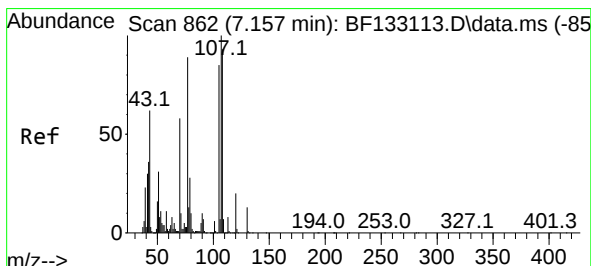
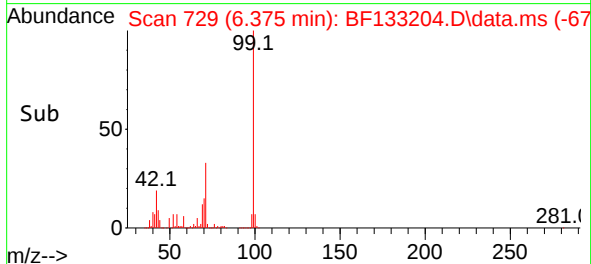
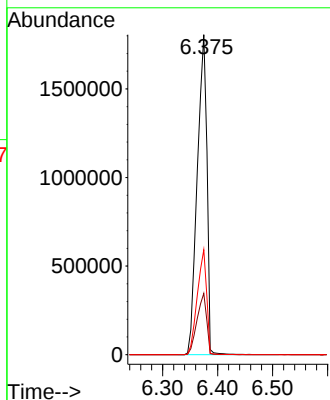
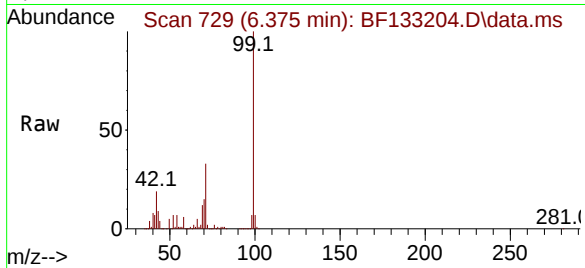




#7
Phenol-d6
Concen: 115.995 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

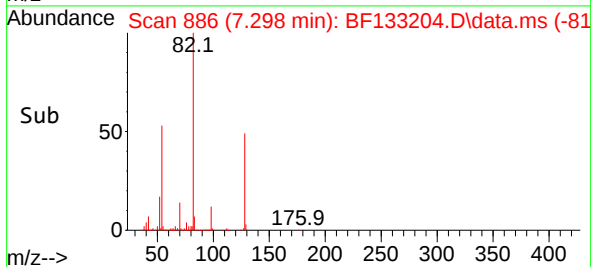
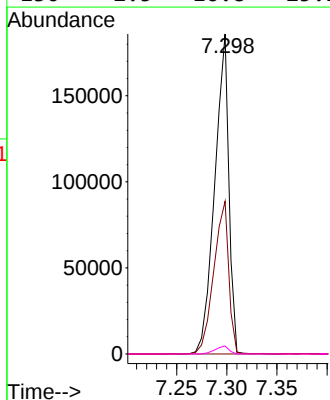
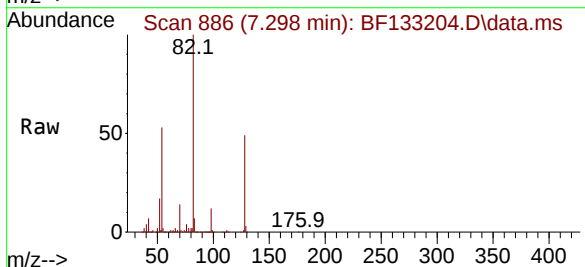
Instrument :
BNA_F
ClientSampleId :
PB152548BL

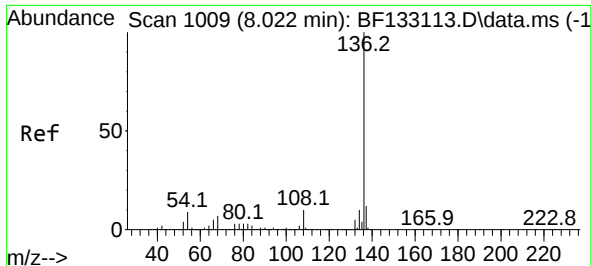
Tgt Ion: 99 Resp: 2207941
Ion Ratio Lower Upper
99 100
42 19.2 16.3 24.5
71 32.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.376 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.147 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

Tgt Ion: 70 Resp: 182214
Ion Ratio Lower Upper
70 100
42 47.7 51.8 77.6#
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#

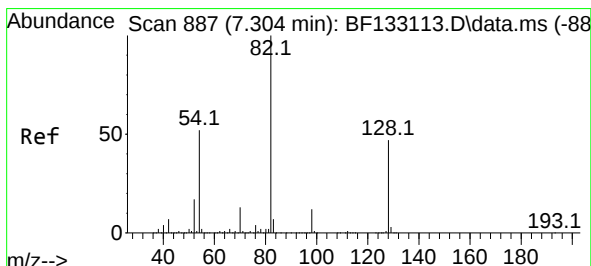
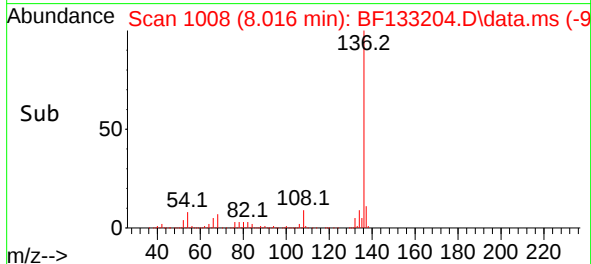
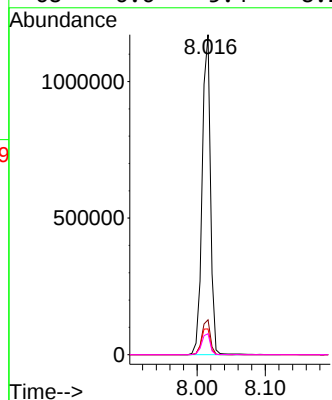
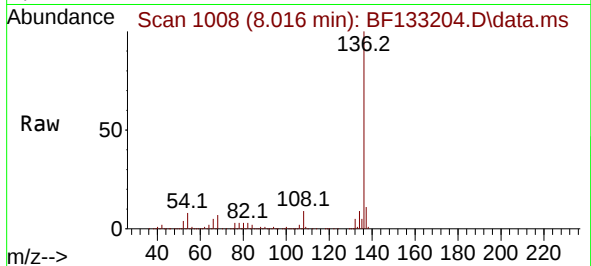




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

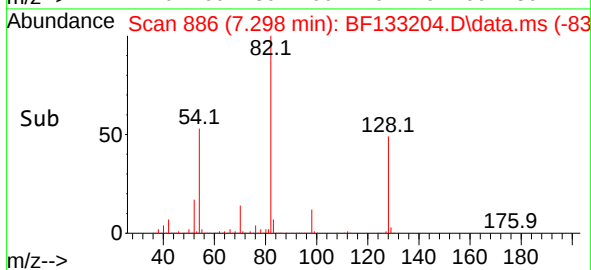
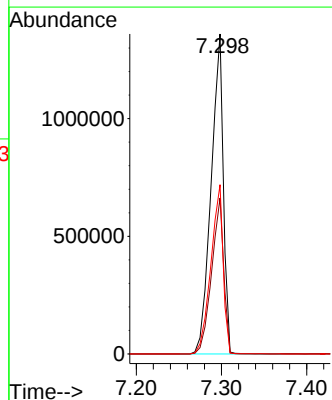
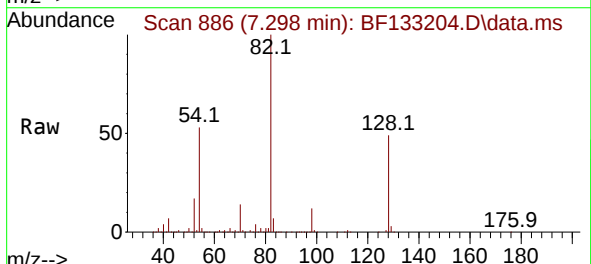
Instrument :
BNA_F
ClientSampleId :
PB152548BL

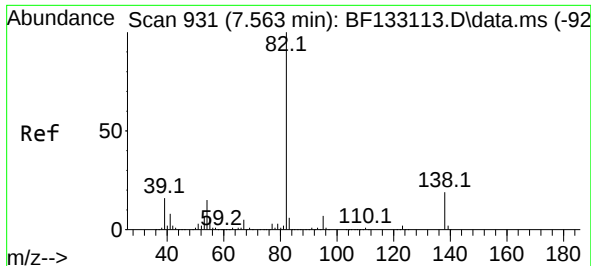
Tgt Ion:	136	Resp:	994899
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.1	7.0	10.4
68	6.6	5.4	8.2



#23
Nitrobenzene-d5
Concen: 73.441 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

Tgt Ion:	82	Resp:	1353663
Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.7	56.5
54	52.9	43.0	64.4

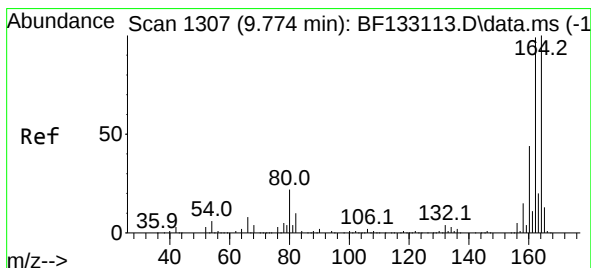
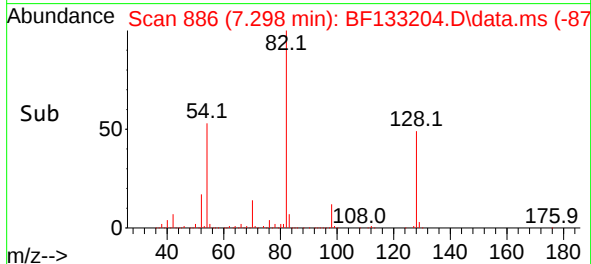
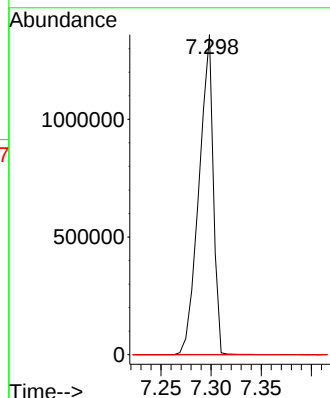
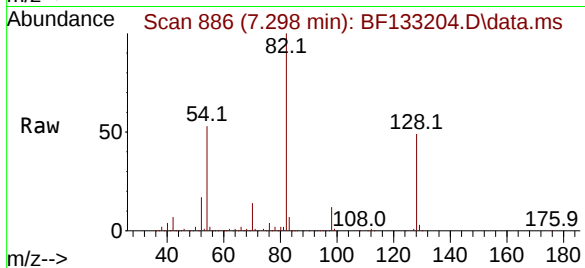




#25
Isophorone
Concen: 38.511 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

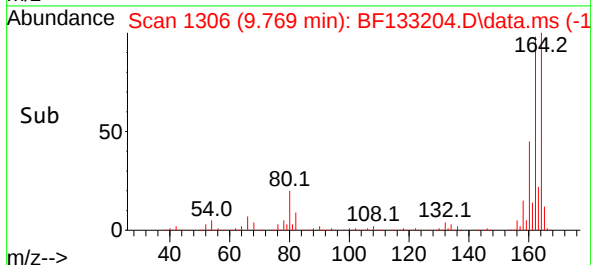
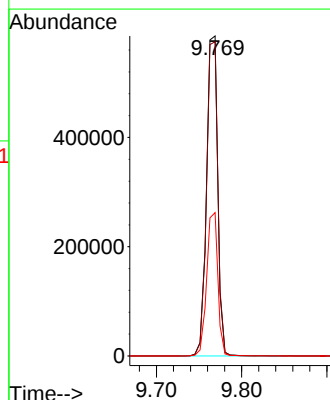
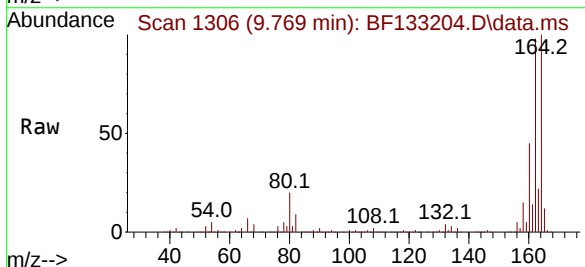
Instrument :
BNA_F
ClientSampleId :
PB152548BL

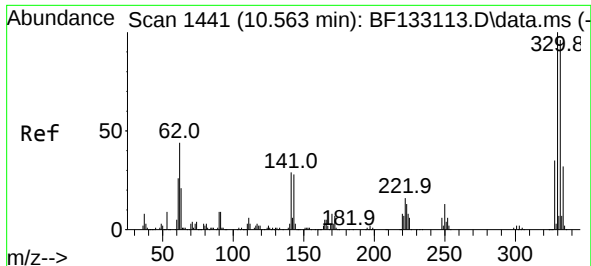
Tgt Ion: 82 Resp: 1347729
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

Tgt Ion: 164 Resp: 533275
Ion Ratio Lower Upper
164 100
162 98.2 78.7 118.1
160 44.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 106.492 ng

RT: 10.557 min Scan# 1441

Delta R.T. -0.000 min

Lab File: BF133204.D

Acq: 03 May 2023 13:29

Instrument :

BNA_F

ClientSampleId :

PB152548BL

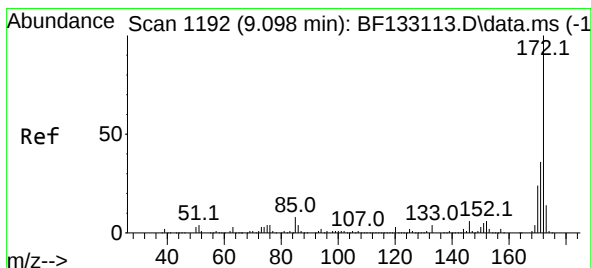
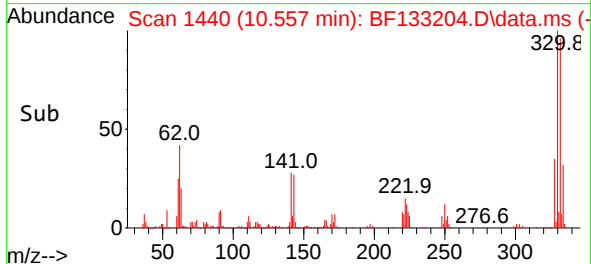
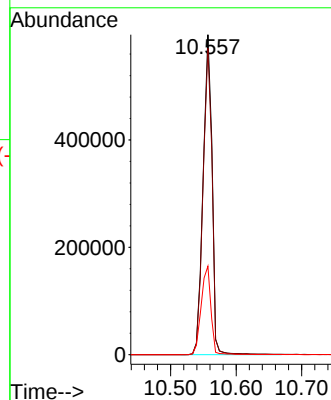
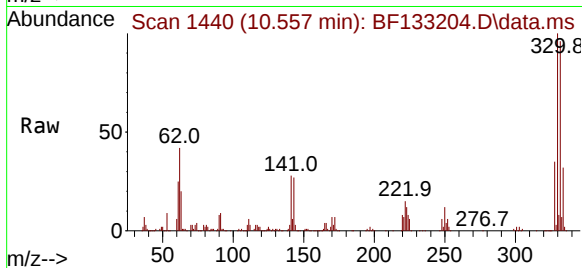
Tgt Ion:330 Resp: 571128

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 29.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 71.551 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF133204.D

Acq: 03 May 2023 13:29

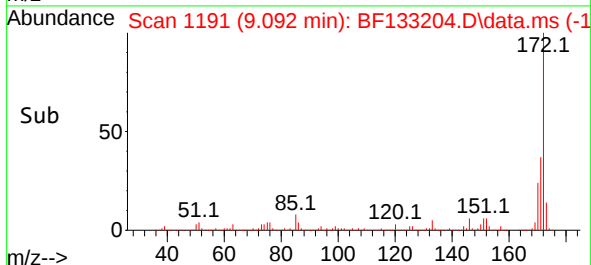
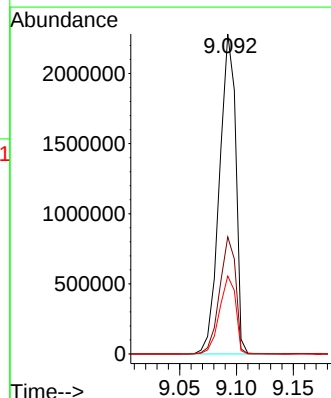
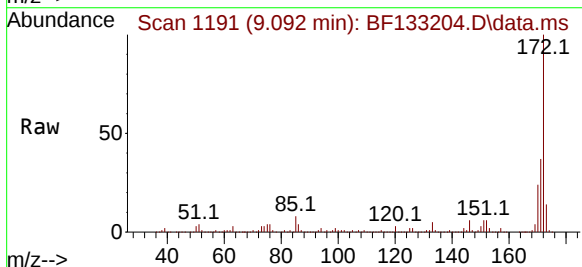
Tgt Ion:172 Resp: 2280725

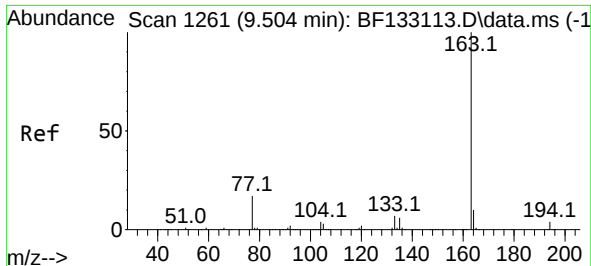
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.4 19.4 29.2

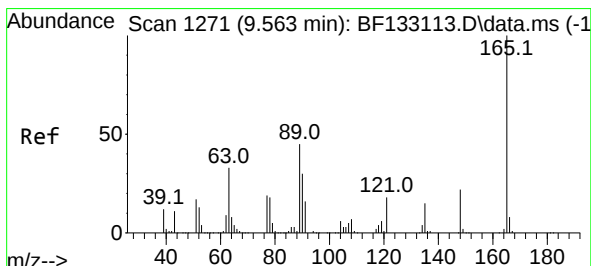
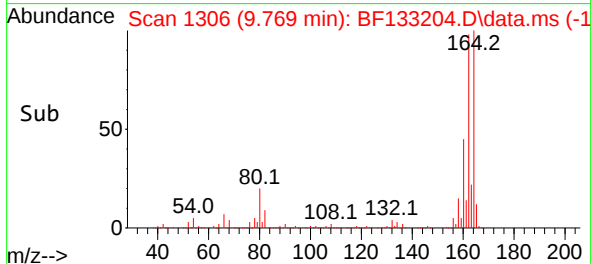
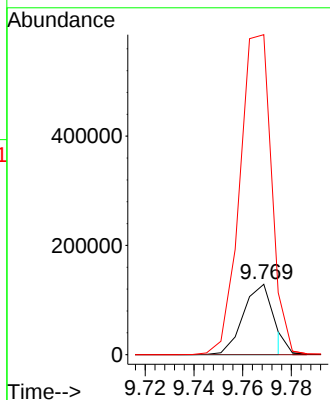
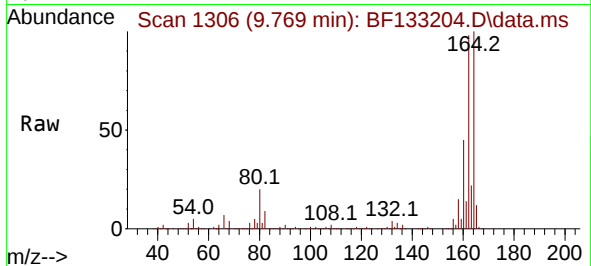




#50
Dimethylphthalate
Concen: 2.980 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.270 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

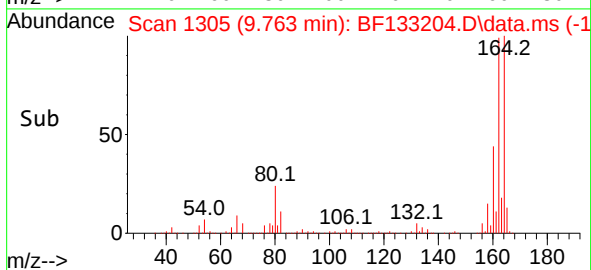
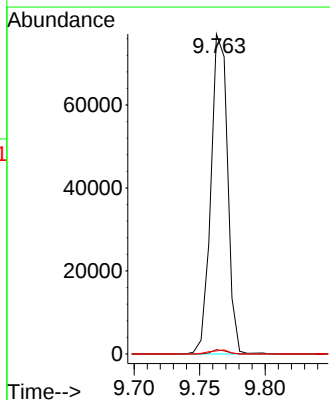
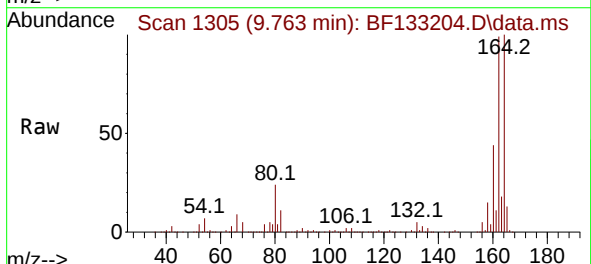
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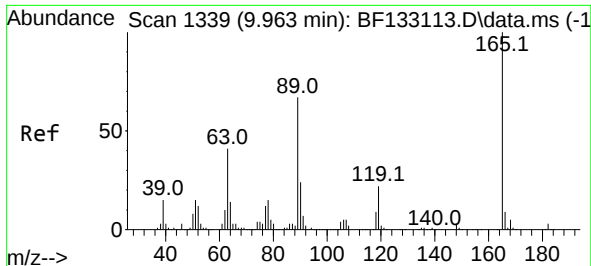
Tgt Ion:163 Resp: 110794
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 454.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.168 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.206 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

Tgt Ion:165 Resp: 68358
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 0.9 44.0 66.0#

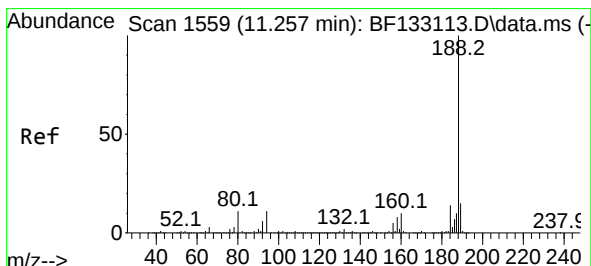
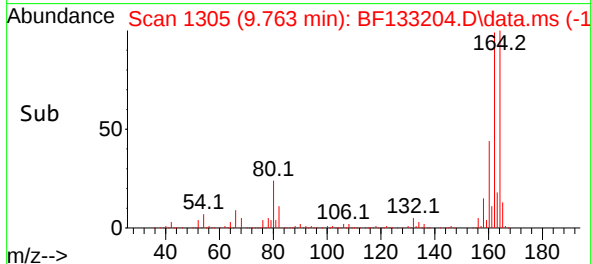
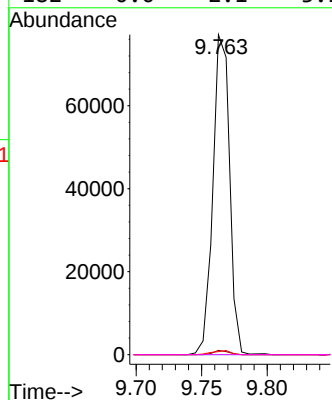
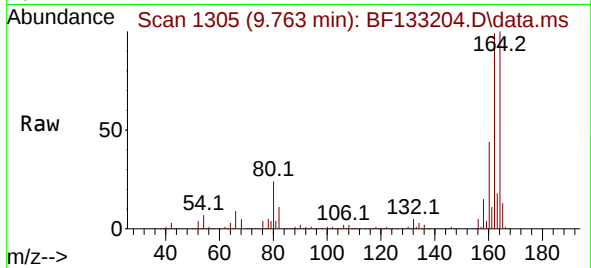




#57
2,4-Dinitrotoluene
Concen: 6.405 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

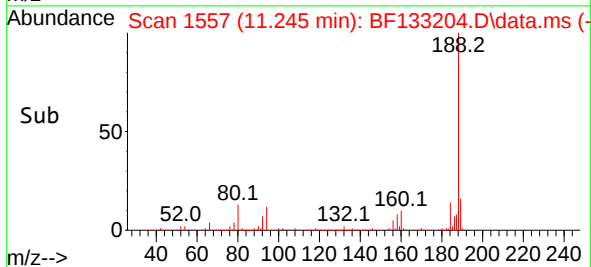
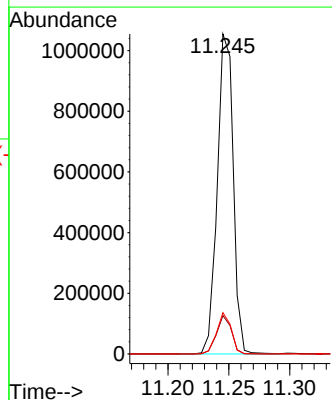
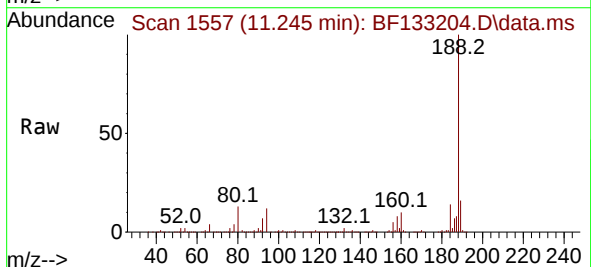
Instrument :
BNA_F
ClientSampleId :
PB152548BL

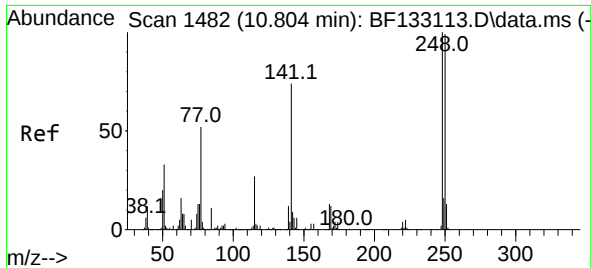
Tgt Ion:165 Resp: 68358
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 0.9 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

Tgt Ion:188 Resp: 964759
Ion Ratio Lower Upper
188 100
94 12.0 9.7 14.5
80 12.9 10.4 15.6

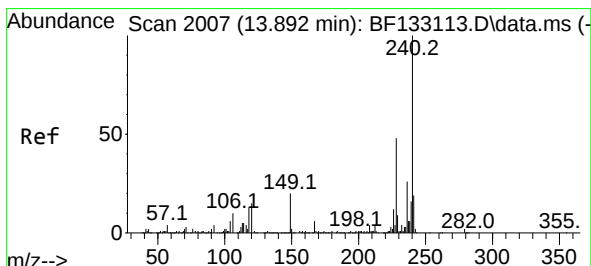
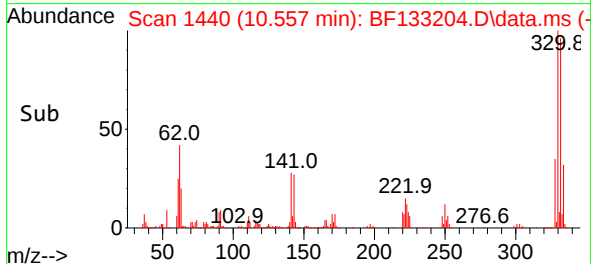
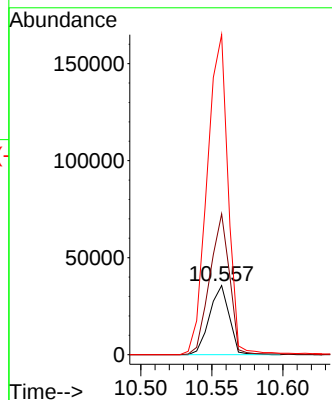
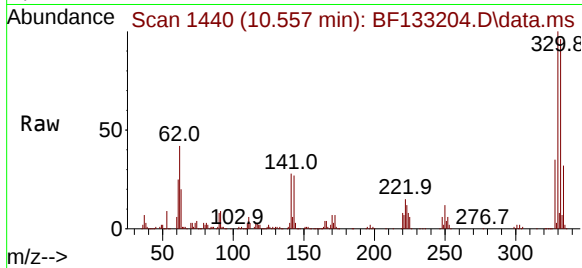




#67
4-Bromophenyl-phenylether
Concen: 3.295 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

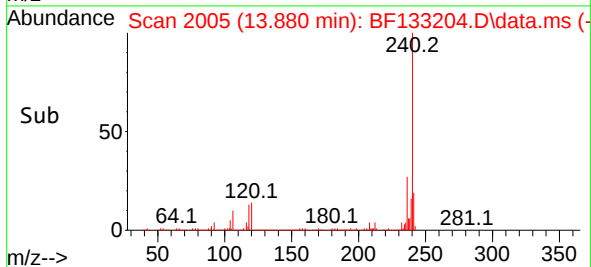
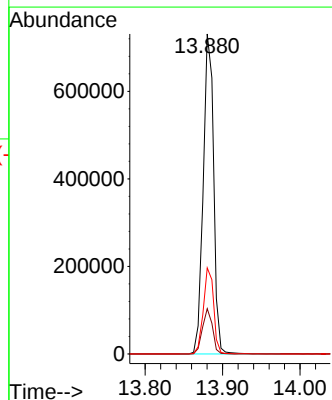
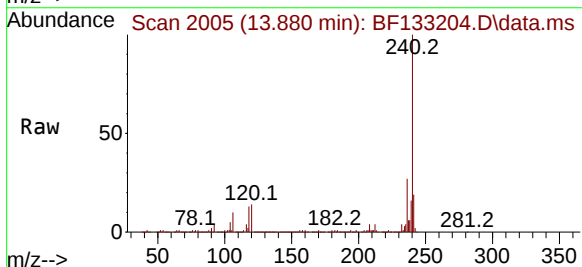
Instrument :
BNA_F
ClientSampleId :
PB152548BL

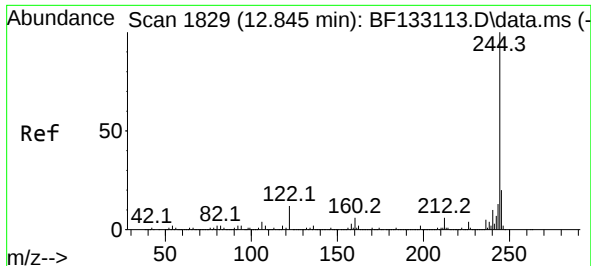
Tgt Ion:248 Resp: 34473
Ion Ratio Lower Upper
248 100
250 203.7 78.7 118.1#
141 463.2 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133204.D
Acq: 03 May 2023 13:29

Tgt Ion:240 Resp: 682883
Ion Ratio Lower Upper
240 100
120 14.2 10.5 15.7
236 26.9 21.5 32.3

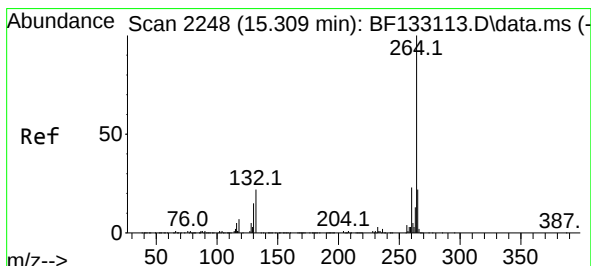
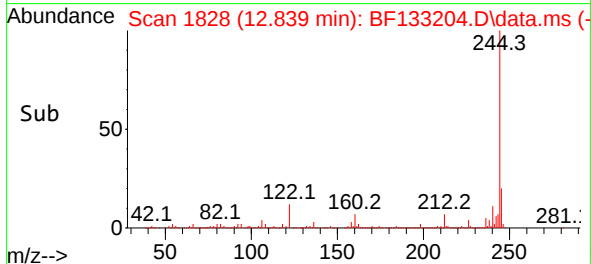
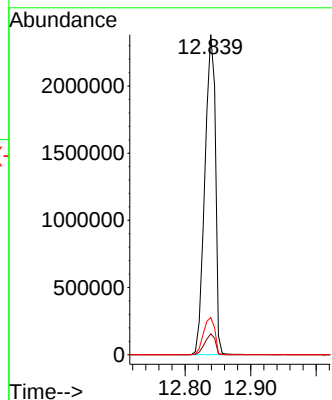
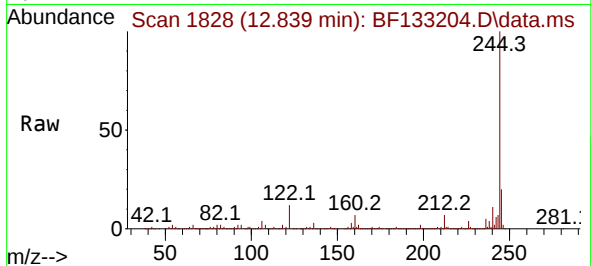




#79
 Terphenyl-d14
 Concen: 67.539 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. -0.000 min
 Lab File: BF133204.D
 Acq: 03 May 2023 13:29

Instrument :
 BNA_F
 ClientSampleId :
 PB152548BL

Tgt Ion:244 Resp: 2674220
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.6 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: BF133204.D
 Acq: 03 May 2023 13:29

Tgt Ion:264 Resp: 595832
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.5 17.0 25.4

