

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132989.D
 Acq On : 24 Apr 2023 11:56
 Operator : CG\JU
 Sample : PB152297BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152293BL

Quant Time: Apr 24 12:50:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

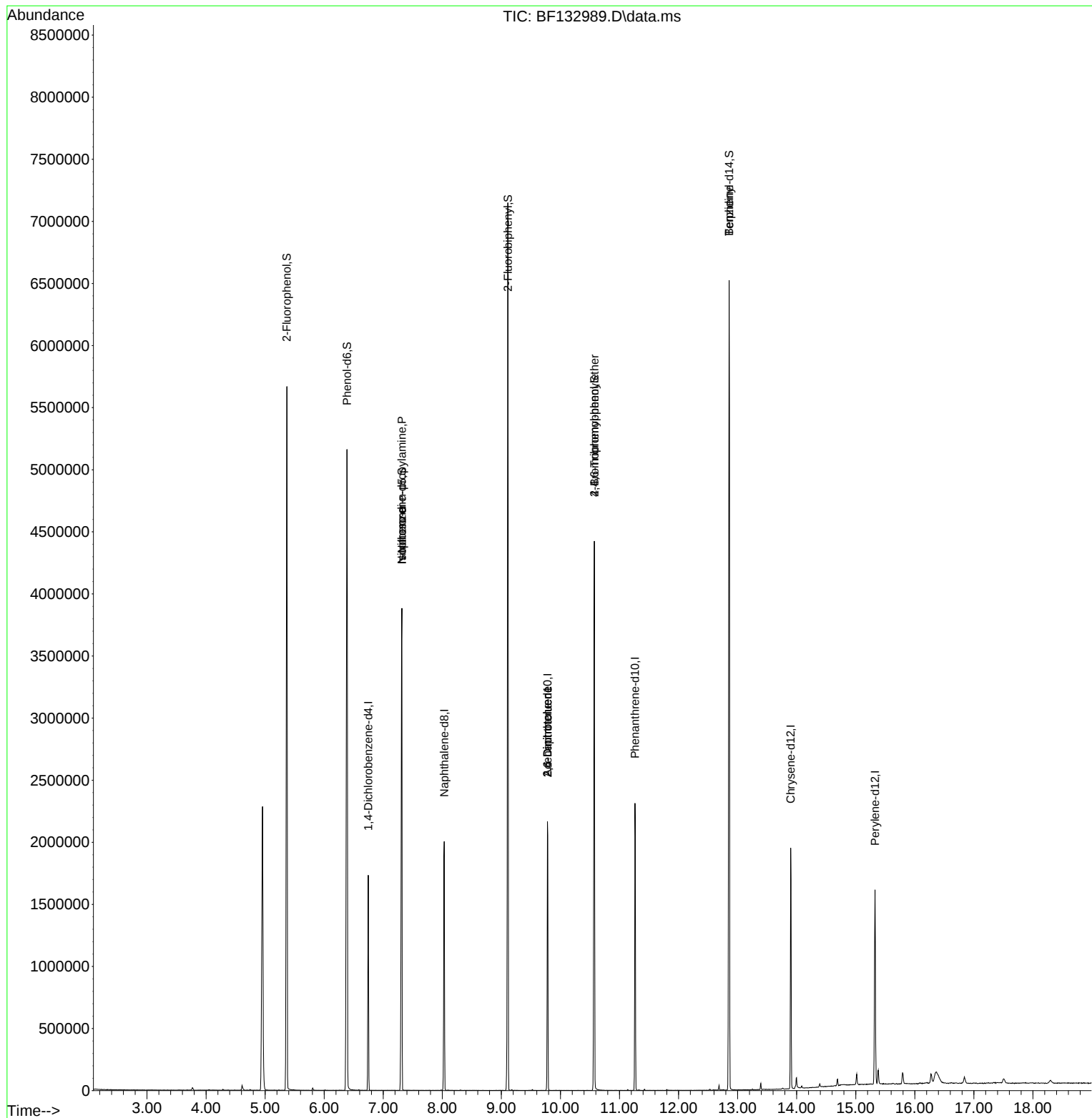
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	213942	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	861503	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	447948	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	817639	20.000	ng	0.00
76) Chrysene-d12	13.898	240	622540	20.000	ng	-0.01
86) Perylene-d12	15.327	264	649251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1833765	129.479	ng	0.02
7) Phenol-d6	6.386	99	2269691	129.115	ng	0.00
23) Nitrobenzene-d5	7.316	82	1365746	85.570	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	578412	128.394	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	2247671	83.946	ng	0.00
79) Terphenyl-d14	12.857	244	2671028	73.997	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.386	77	3530	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.316	70	182921	16.715	ng	# 77
25) Isophorone	7.316	82	1357688	44.803	ng	# 63
51) 2,6-Dinitrotoluene	9.780	165	57642	8.199	ng	# 25
57) 2,4-Dinitrotoluene	9.780	165	57642	6.429	ng	# 23
67) 4-Bromophenyl-phenylether	10.574	248	35195	3.969	ng	# 1
77) Benizidine	12.857	184	32006	3.040	ng	# 89

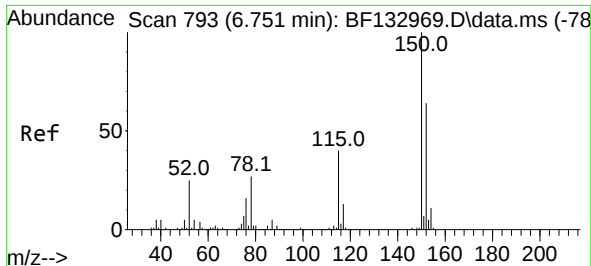
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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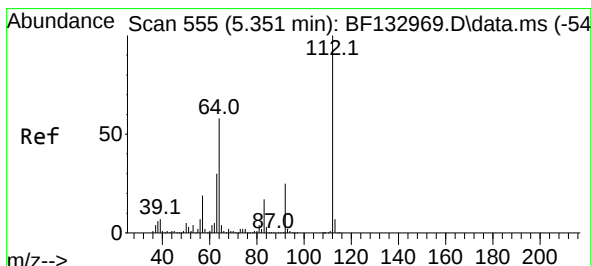
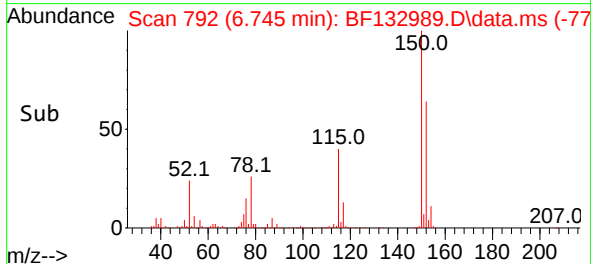
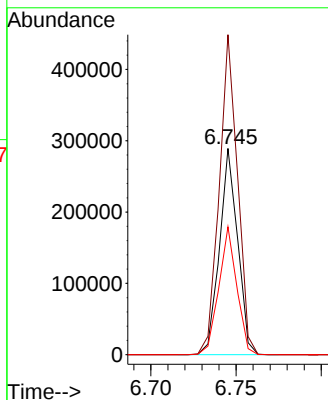
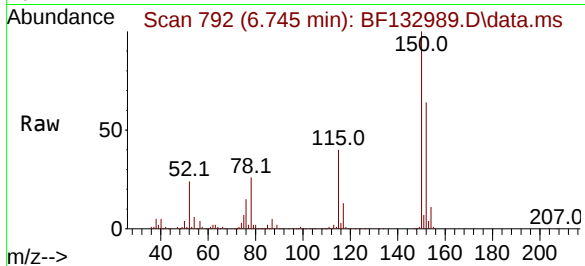




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

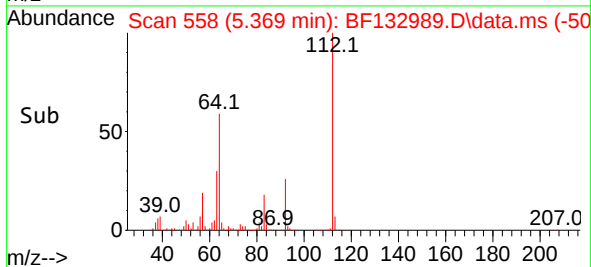
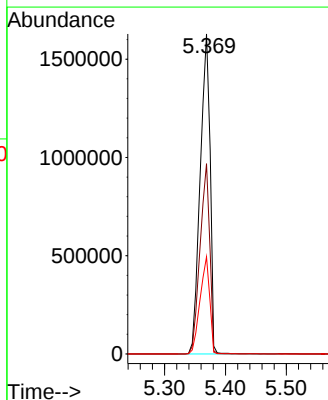
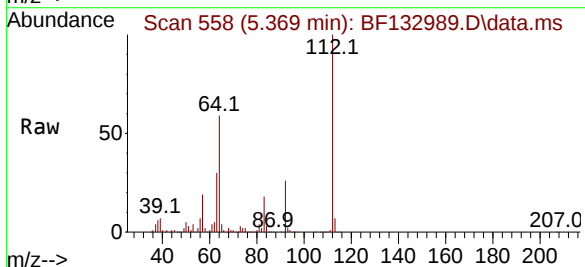
Instrument :
BNA_F
ClientSampleId :
PB152293BL

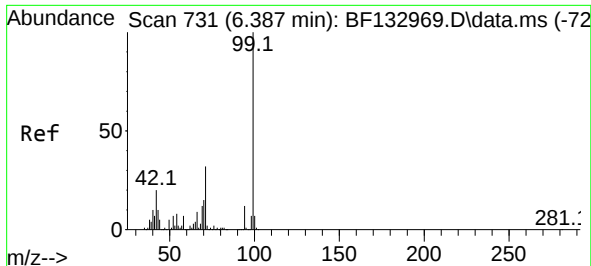
Tgt Ion:152 Resp: 213942
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 62.0 49.9 74.9



#5
2-Fluorophenol
Concen: 129.479 ng
RT: 5.369 min Scan# 558
Delta R.T. 0.018 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

Tgt Ion:112 Resp: 1833765
Ion Ratio Lower Upper
112 100
64 59.5 46.8 70.2
63 30.4 23.8 35.8

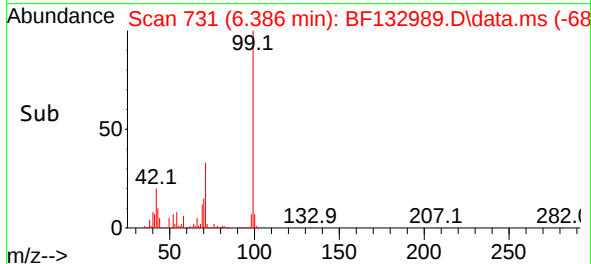
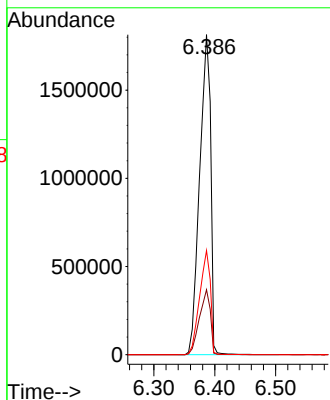
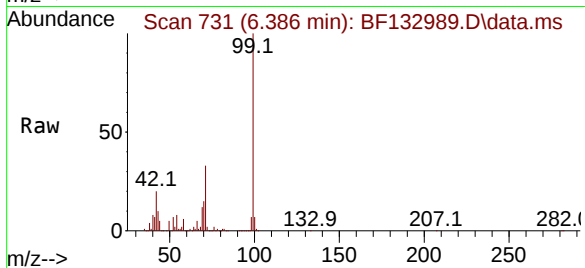




#7
Phenol-d6
Concen: 129.115 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

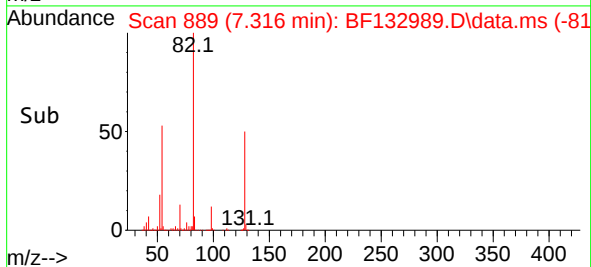
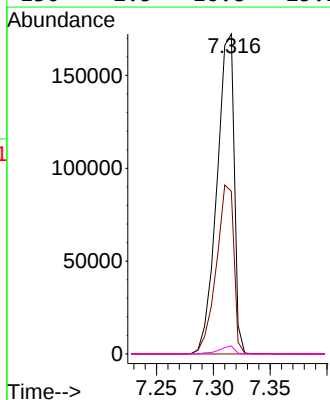
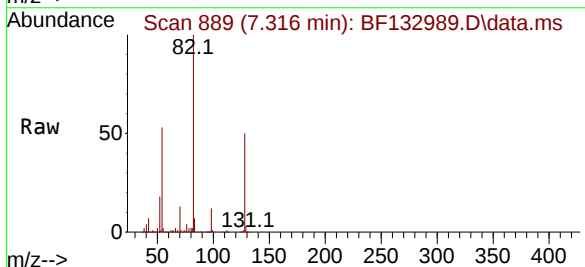
Instrument :
BNA_F
ClientSampleId :
PB152293BL

Tgt Ion: 99 Resp: 2269691
Ion Ratio Lower Upper
99 100
42 20.3 16.3 24.5
71 32.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.715 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

Tgt Ion: 70 Resp: 182921
Ion Ratio Lower Upper
70 100
42 50.9 51.8 77.6#
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#

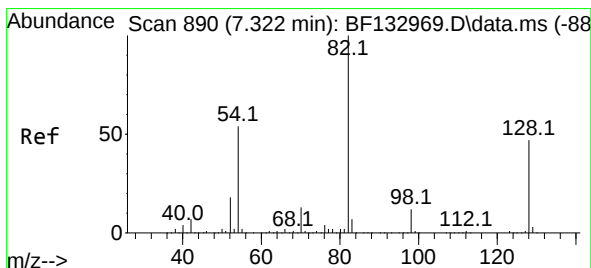
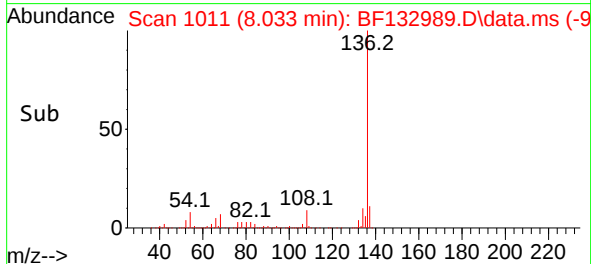
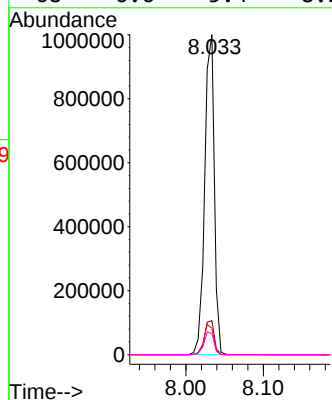
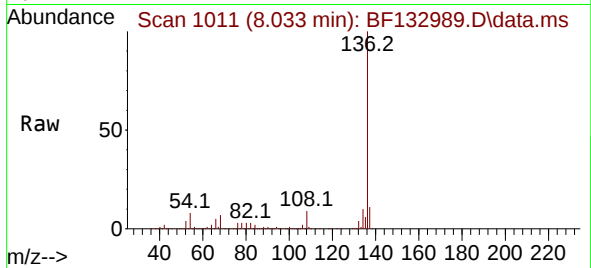




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

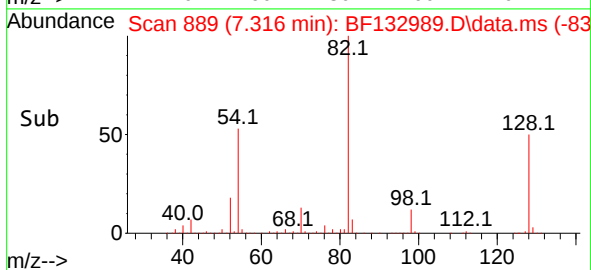
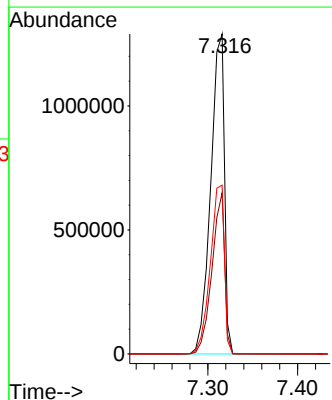
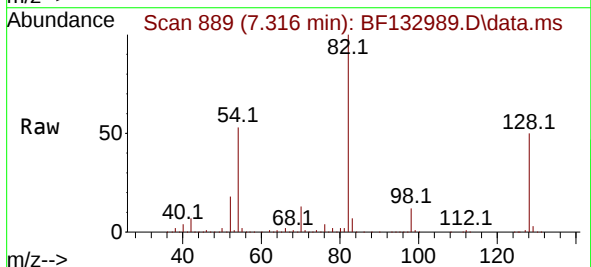
Instrument :
BNA_F
ClientSampleId :
PB152293BL

Tgt Ion:136 Resp: 861503
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 7.0 10.4
68 6.6 5.4 8.2



#23
Nitrobenzene-d5
Concen: 85.570 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

Tgt Ion: 82 Resp: 1365746
Ion Ratio Lower Upper
82 100
128 50.3 37.7 56.5
54 52.8 43.0 64.4

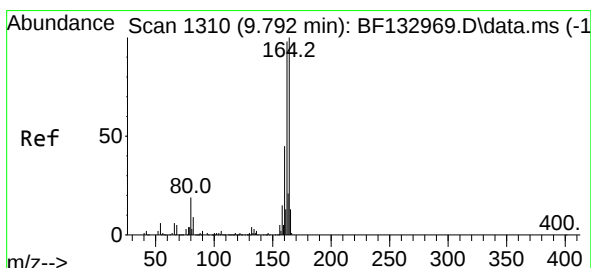
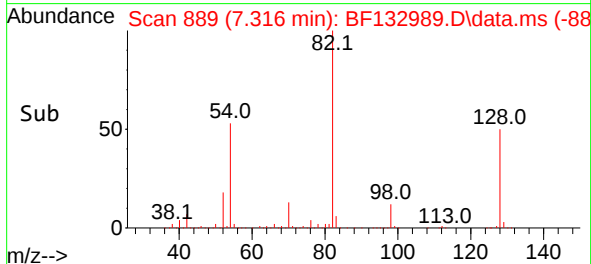
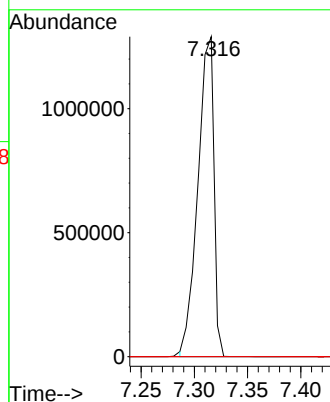
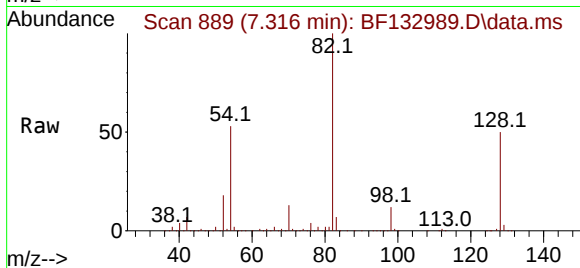




#25
Isophorone
Concen: 44.803 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

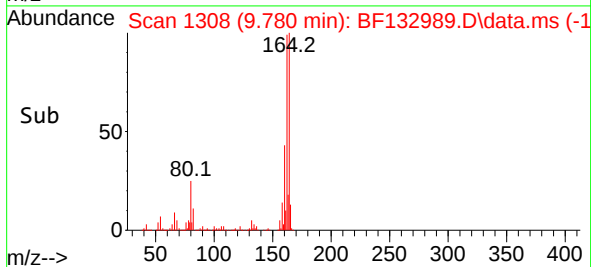
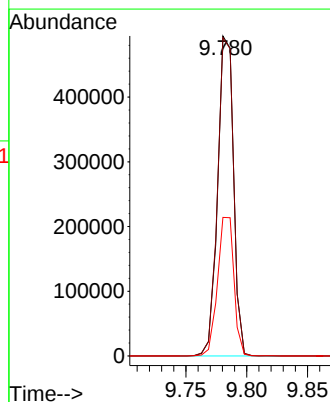
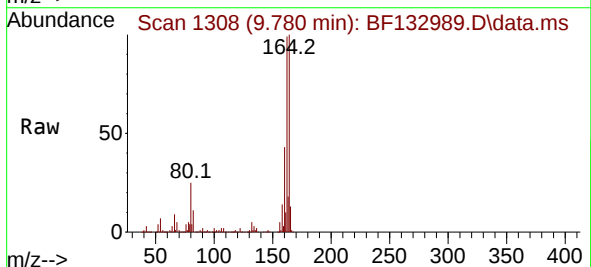
Instrument :
BNA_F
ClientSampleId :
PB152293BL

Tgt Ion: 82 Resp: 1357688
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: 9.780 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

Tgt Ion:164 Resp: 447948
Ion Ratio Lower Upper
164 100
162 99.4 78.7 118.1
160 43.3 35.8 53.6

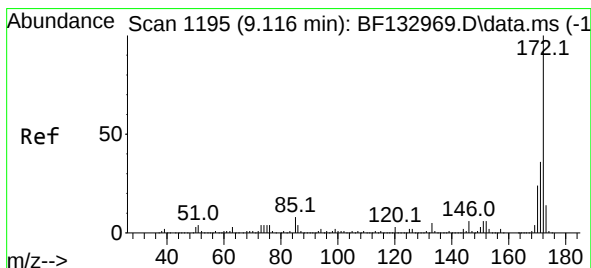
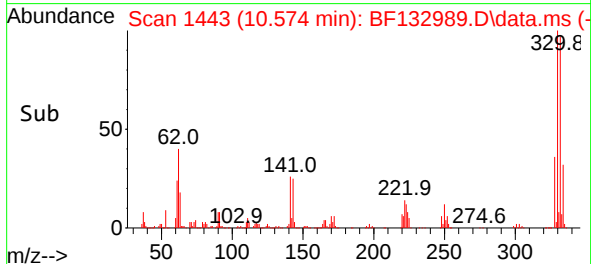
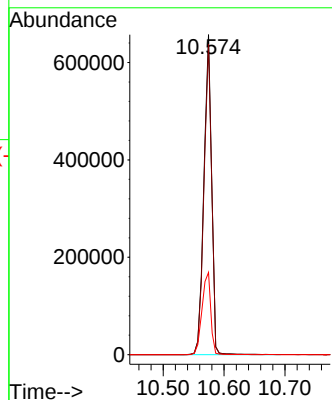
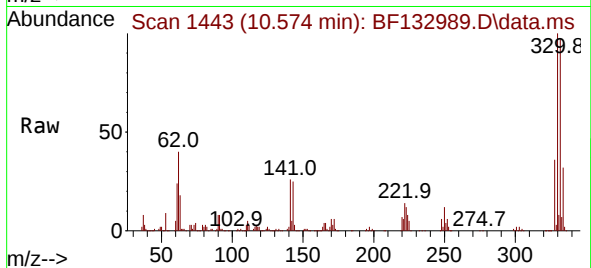




#42
2,4,6-Tribromophenol
Concen: 128.394 ng
RT: 10.574 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

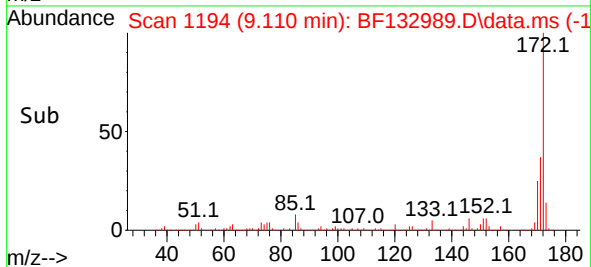
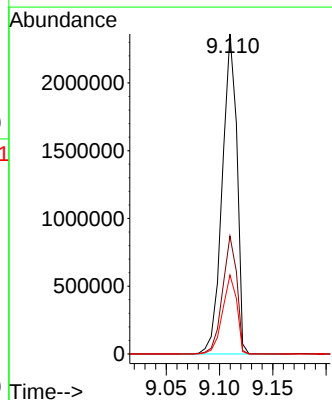
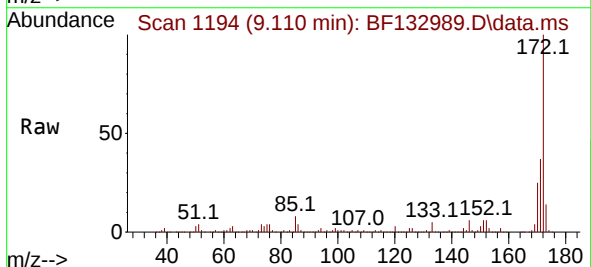
Instrument :
BNA_F
ClientSampleId :
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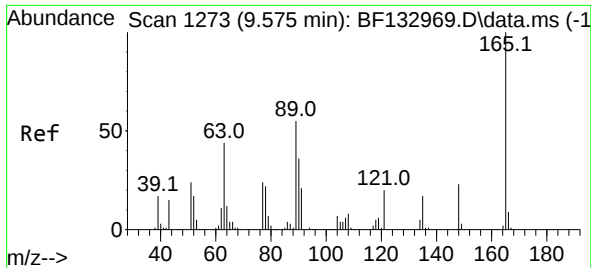
Tgt Ion:330 Resp: 578412
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 29.0 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 83.946 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

Tgt Ion:172 Resp: 2247671
Ion Ratio Lower Upper
172 100
171 36.9 28.8 43.2
170 24.7 19.4 29.2

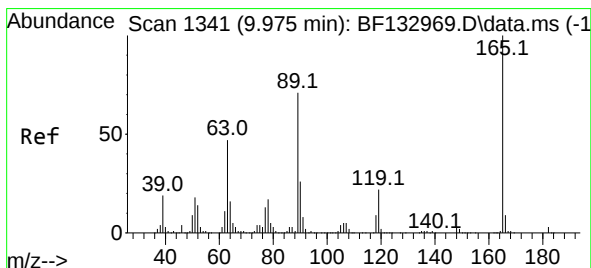
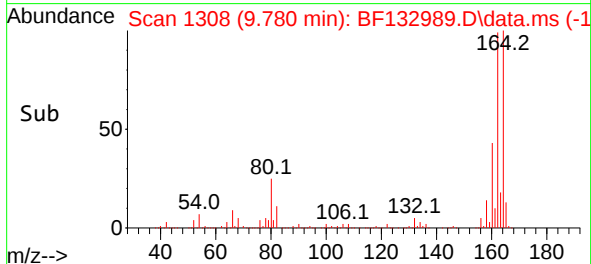
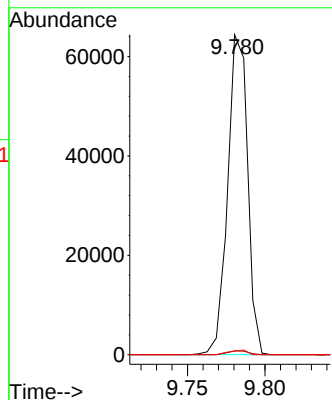
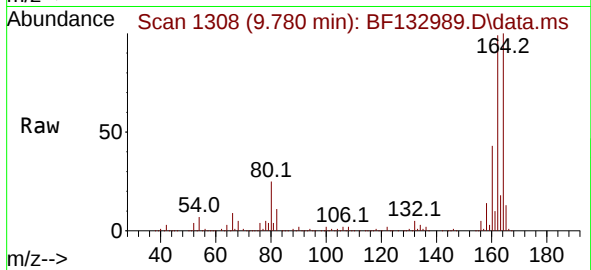




#51
2,6-Dinitrotoluene
Concen: 8.199 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

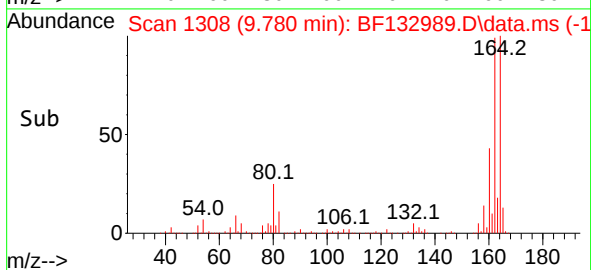
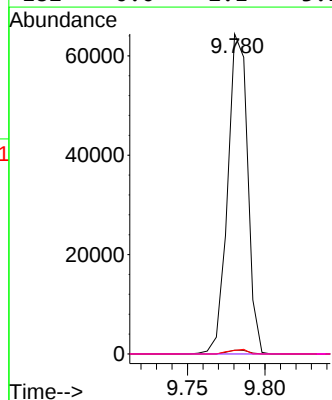
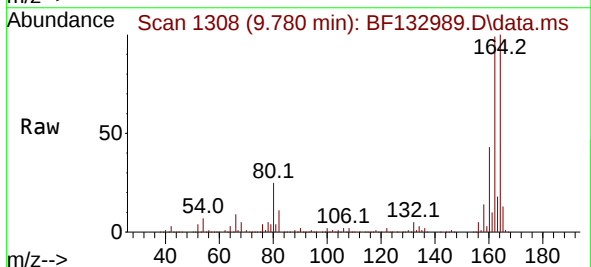
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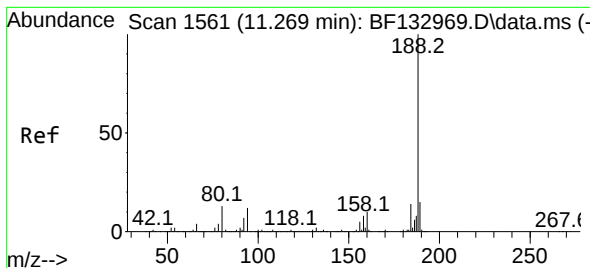
Tgt Ion:165 Resp: 57642
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 1.1 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.429 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

Tgt Ion:165 Resp: 57642
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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132989.D

Acq: 24 Apr 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB152293BL

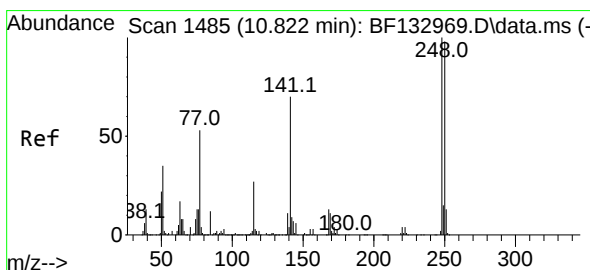
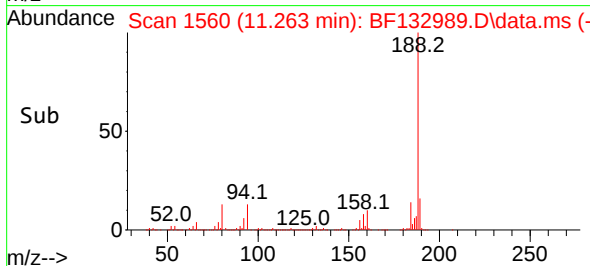
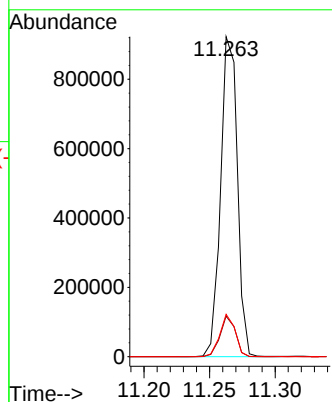
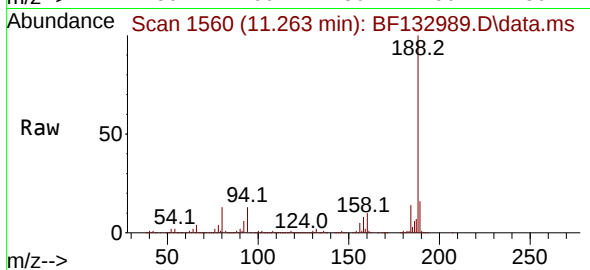
Tgt Ion:188 Resp: 817639

Ion Ratio Lower Upper

188 100

94 12.6 9.7 14.5

80 13.3 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 3.969 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF132989.D

Acq: 24 Apr 2023 11:56

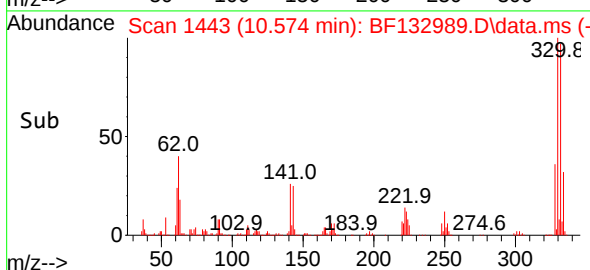
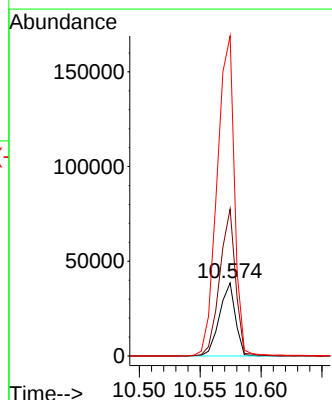
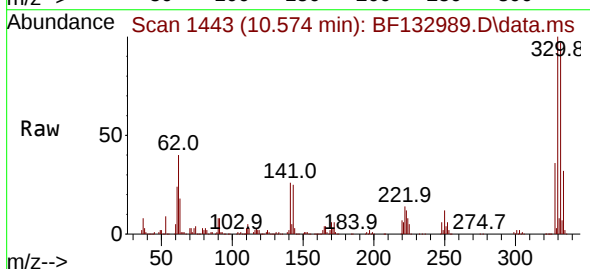
Tgt Ion:248 Resp: 35195

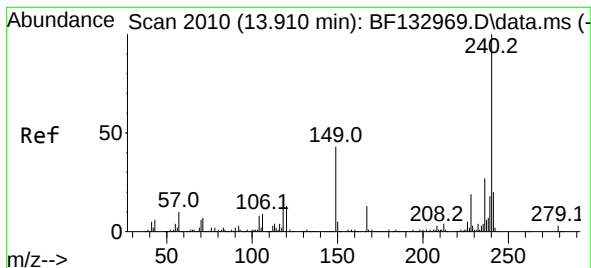
Ion Ratio Lower Upper

248 100

250 201.4 78.7 118.1#

141 438.4 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF132989.D

Acq: 24 Apr 2023 11:56

Instrument :

BNA_F

ClientSampleId :

PB152293BL

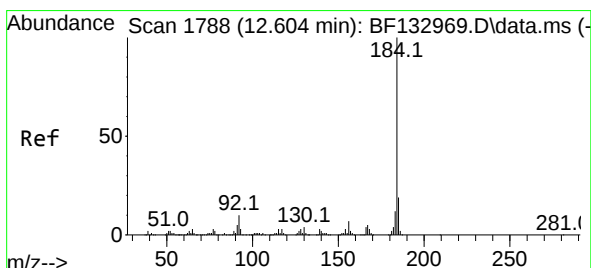
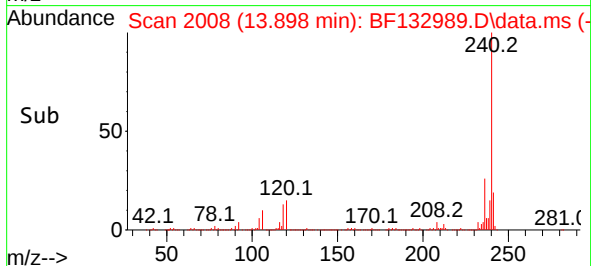
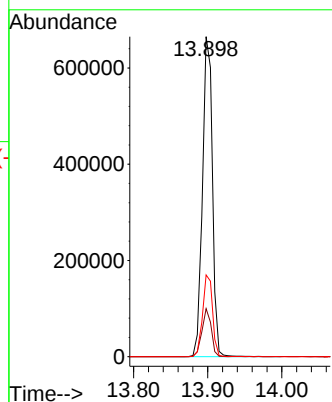
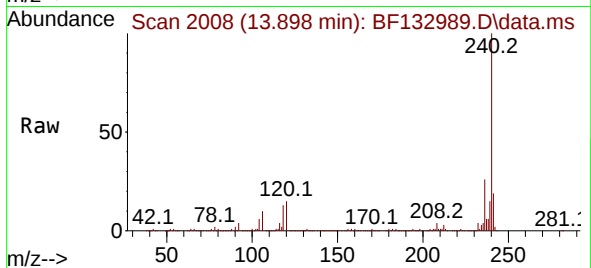
Tgt Ion:240 Resp: 622540

Ion Ratio Lower Upper

240 100

120 15.0 10.5 15.7

236 25.5 21.5 32.3



#77

Benidine

Concen: 3.040 ng

RT: 12.857 min Scan# 1831

Delta R.T. 0.253 min

Lab File: BF132989.D

Acq: 24 Apr 2023 11:56

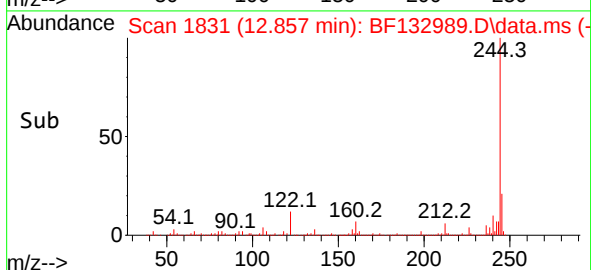
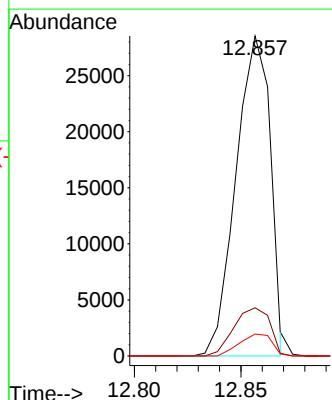
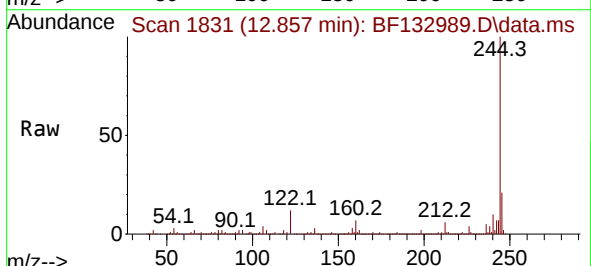
Tgt Ion:184 Resp: 32006

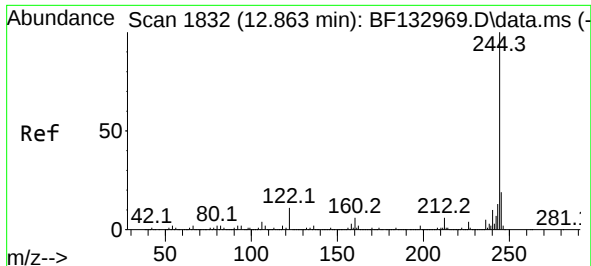
Ion Ratio Lower Upper

184 100

185 15.1 15.4 23.2#

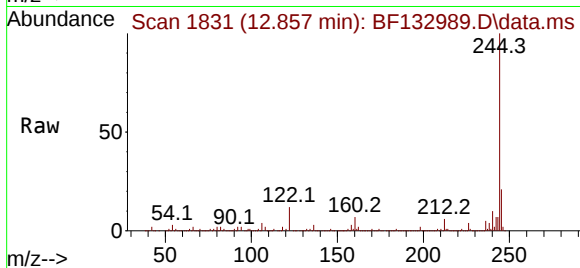
183 6.8 9.4 14.0#



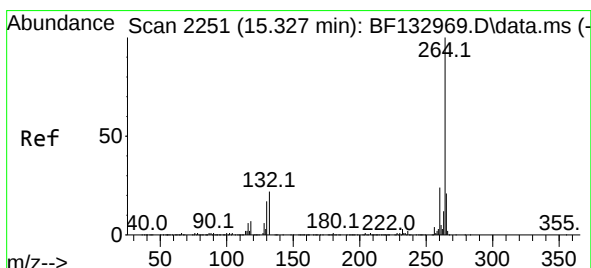
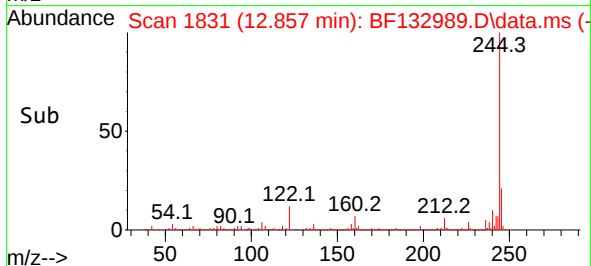
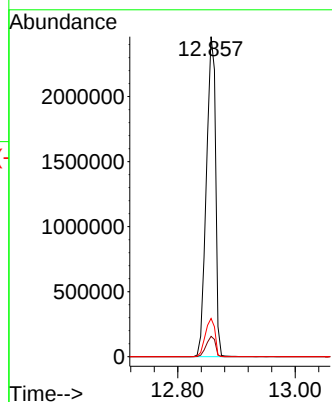


#79
Terphenyl-d14
Concen: 73.997 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

Instrument :
BNA_F
ClientSampleId :
PB152293BL



Tgt Ion:244 Resp: 2671028
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 12.0 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.327 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BF132989.D
Acq: 24 Apr 2023 11:56

Tgt Ion:264 Resp: 649251
Ion Ratio Lower Upper
264 100
260 24.7 18.8 28.2
265 22.0 17.0 25.4

