

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136509.D
 Acq On : 12 Dec 2023 11:24
 Operator : CG\JU
 Sample : PB157637BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157637BL

Quant Time: Dec 12 12:06:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

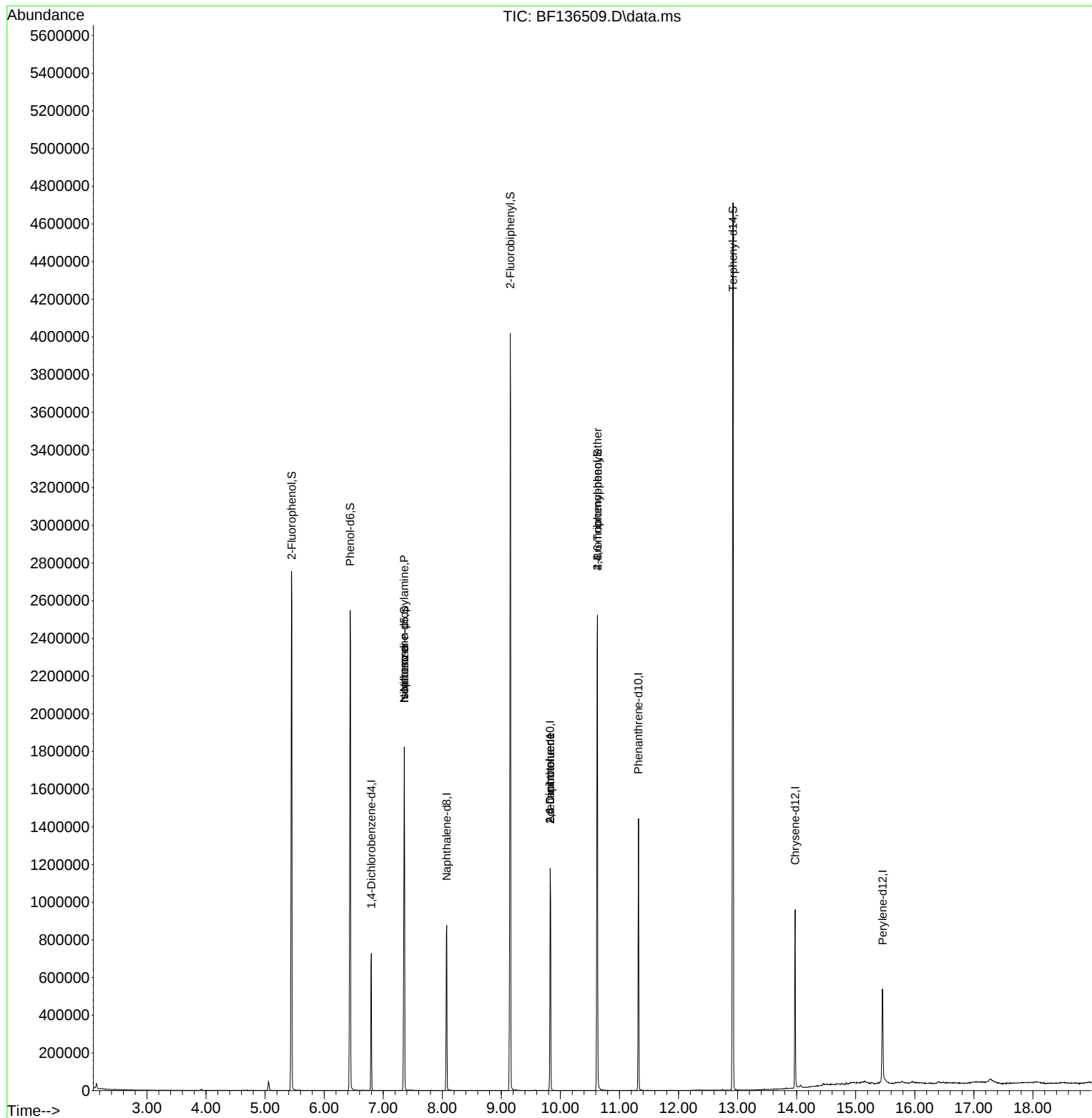
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	109291	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	446459	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	245393	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	495955	20.000	ng	0.00
76) Chrysene-d12	13.974	240	306751	20.000	ng	0.00
86) Perylene-d12	15.457	264	256526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	881819	119.158	ng	0.02
7) Phenol-d6	6.440	99	1087693	117.803	ng	0.00
23) Nitrobenzene-d5	7.357	82	658703	79.760	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	372201	123.013	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1434523	79.766	ng	-0.01
79) Terphenyl-d14	12.922	244	1792788	77.032	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.440	77	1759	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	86830	16.303	ng	# 76
25) Isophorone	7.357	82	654620	44.120	ng	# 65
51) 2,6-Dinitrotoluene	9.828	165	31387	7.722	ng	# 28
57) 2,4-Dinitrotoluene	9.828	165	31387	5.837	ng	# 28
67) 4-Bromophenyl-phenylether	10.628	248	21938	3.805	ng	# 1
77) Benzidine	12.675	184	651	Below Cal	#	66

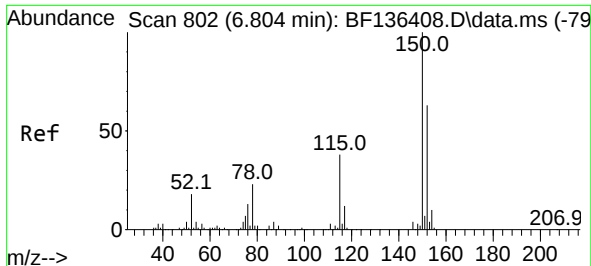
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136509.D
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Sample : PB157637BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB157637BL

Quant Time: Dec 12 12:06:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

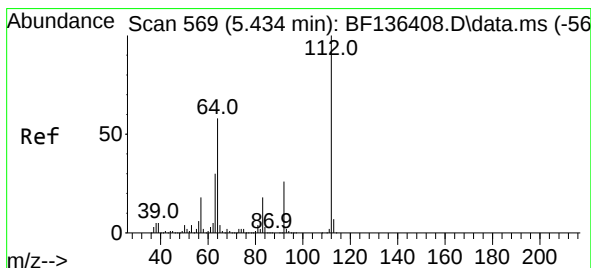
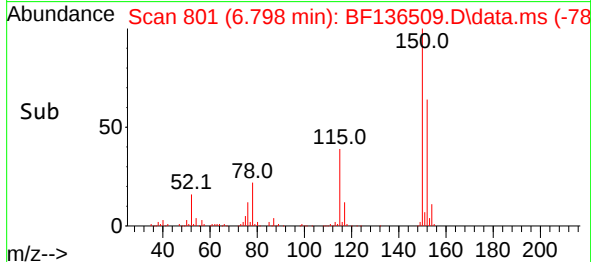
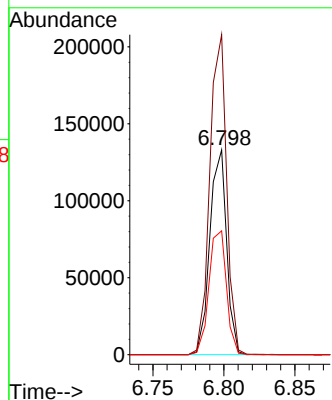
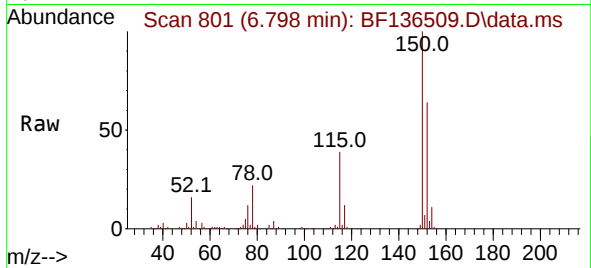




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

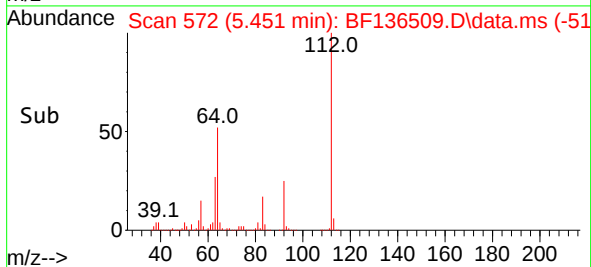
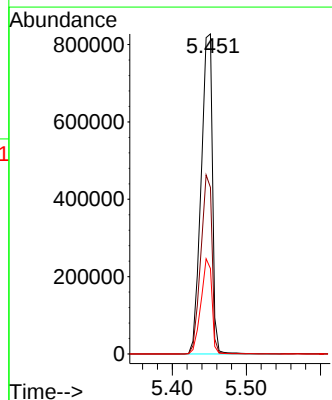
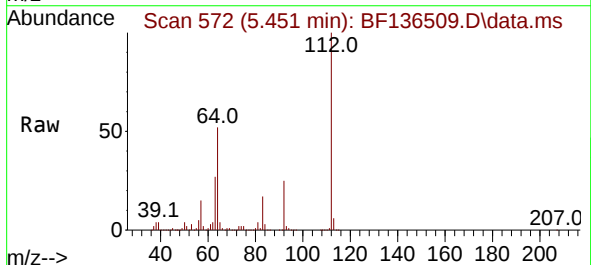
Instrument :
BNA_F
ClientSampleId :
PB157637BL

Tgt Ion:152 Resp: 109291
Ion Ratio Lower Upper
152 100
150 156.2 126.4 189.6
115 60.5 48.2 72.4



#5
2-Fluorophenol
Concen: 119.158 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

Tgt Ion:112 Resp: 881819
Ion Ratio Lower Upper
112 100
64 52.1 46.5 69.7
63 26.7 23.9 35.9

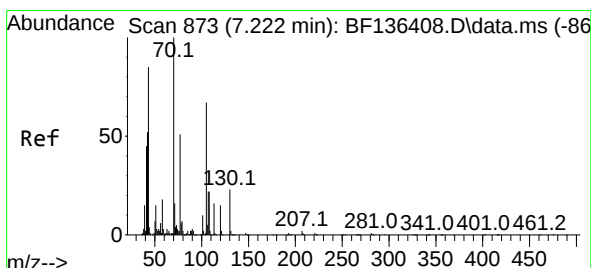
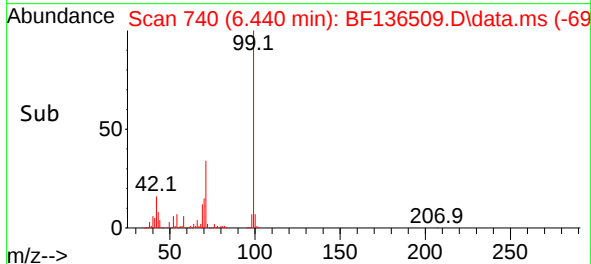
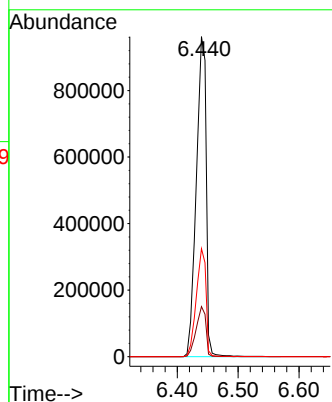
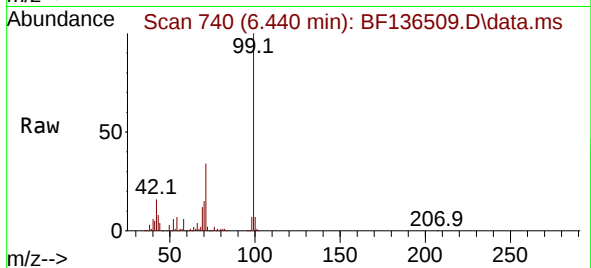




#7
Phenol-d6
Concen: 117.803 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

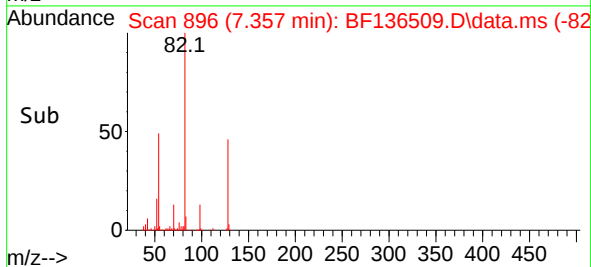
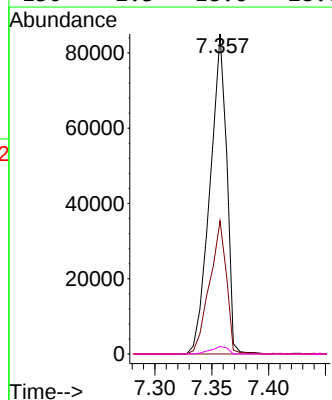
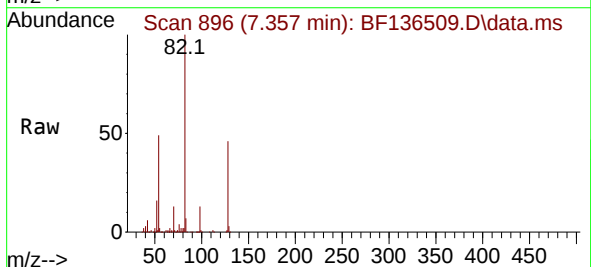
Instrument :
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ClientSampleId :
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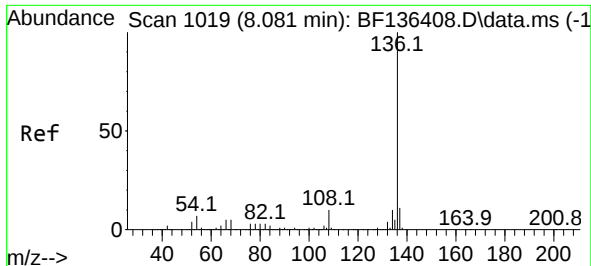
Tgt Ion: 99 Resp: 1087693
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 33.8 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.303 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

Tgt Ion: 70 Resp: 86830
Ion Ratio Lower Upper
70 100
42 41.6 41.4 62.0
101 0.0 8.2 12.4#
130 2.3 18.6 28.0#

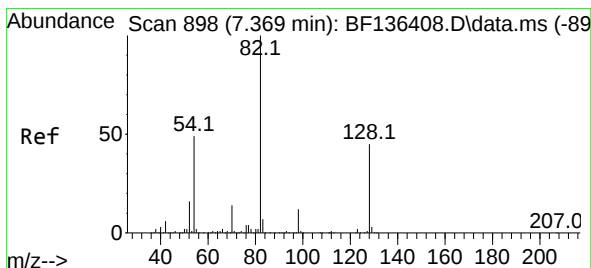
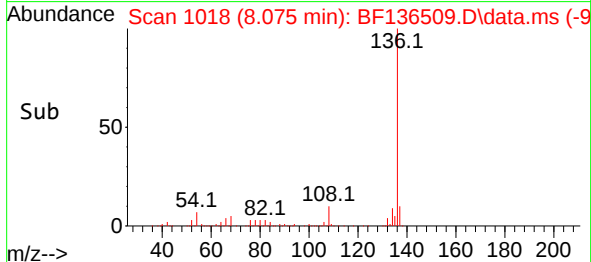
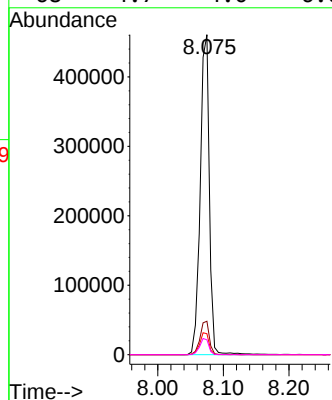
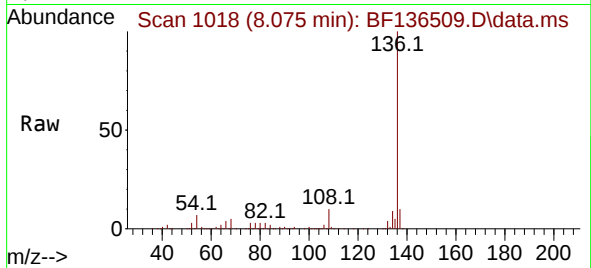




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

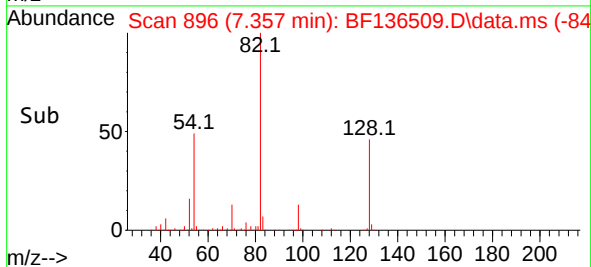
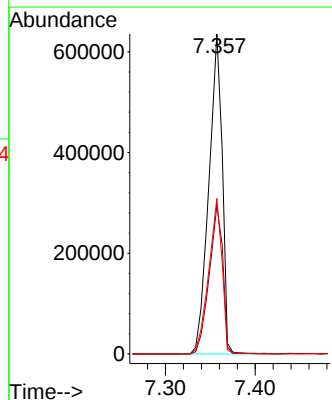
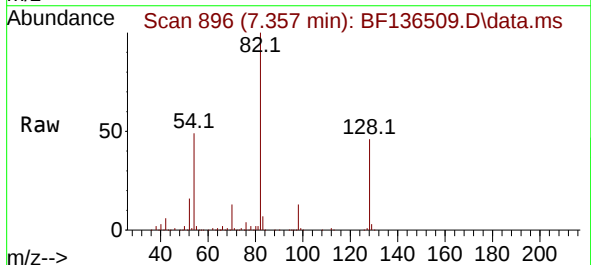
Instrument :
BNA_F
ClientSampleId :
PB157637BL

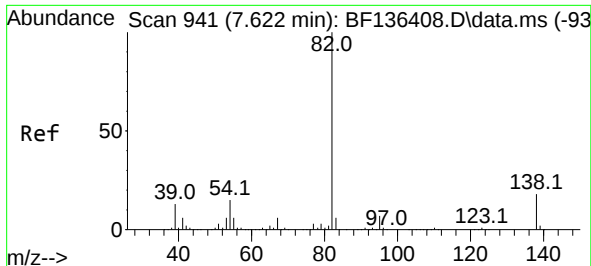
Tgt Ion:136 Resp: 446459
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 6.6 5.7 8.5
68 4.7 4.0 6.0



#23
Nitrobenzene-d5
Concen: 79.760 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

Tgt Ion: 82 Resp: 658703
Ion Ratio Lower Upper
82 100
128 46.4 36.3 54.5
54 48.6 39.0 58.6

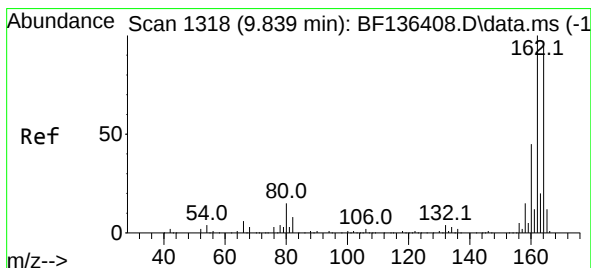
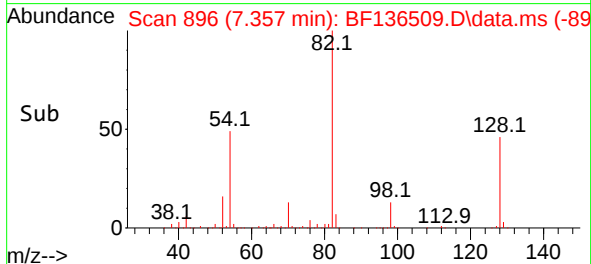
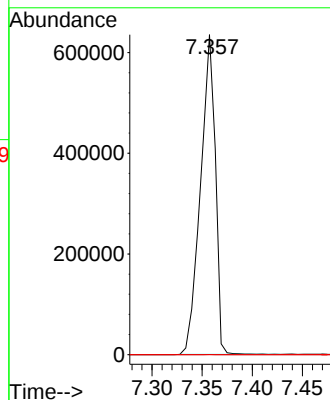
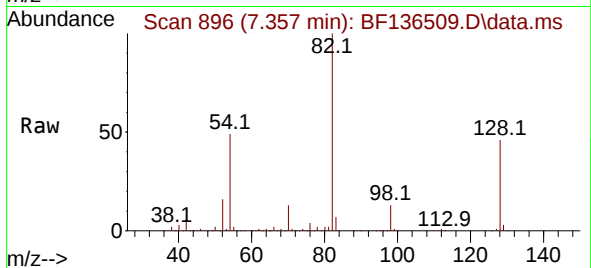




#25
Isophorone
Concen: 44.120 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

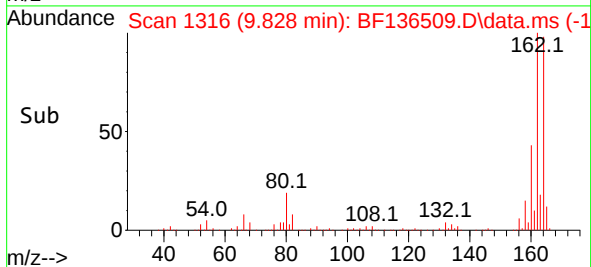
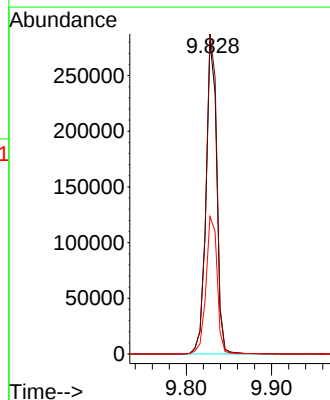
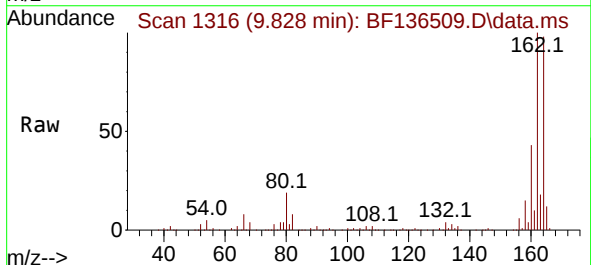
Instrument :
BNA_F
ClientSampleId :
PB157637BL

Tgt Ion: 82 Resp: 654620
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

Tgt Ion:164 Resp: 245393
Ion Ratio Lower Upper
164 100
162 102.3 84.4 126.6
160 43.9 37.6 56.4

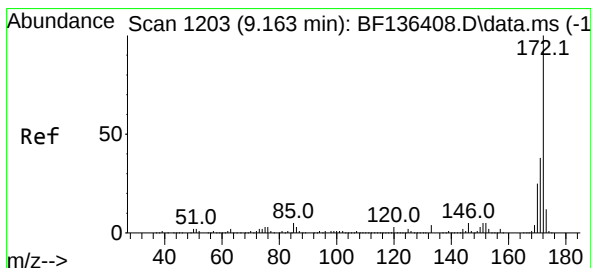
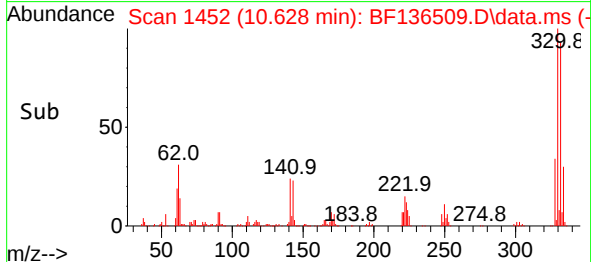
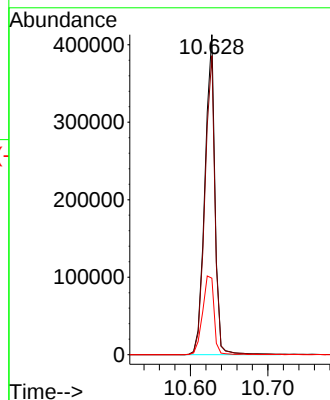
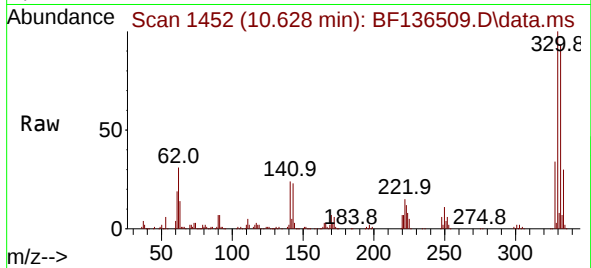




#42
2,4,6-Tribromophenol
Concen: 123.013 ng
RT: 10.628 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

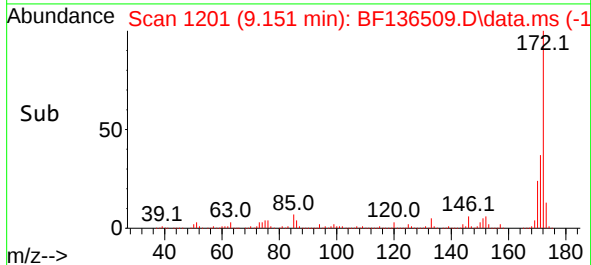
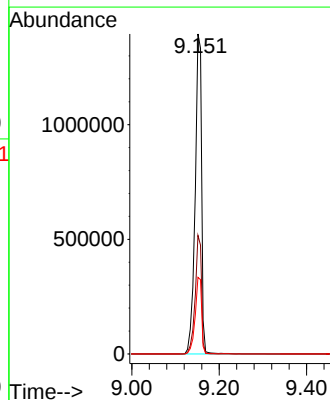
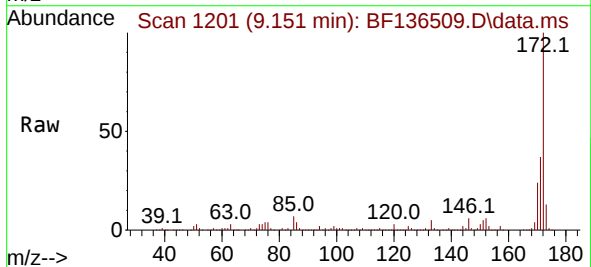
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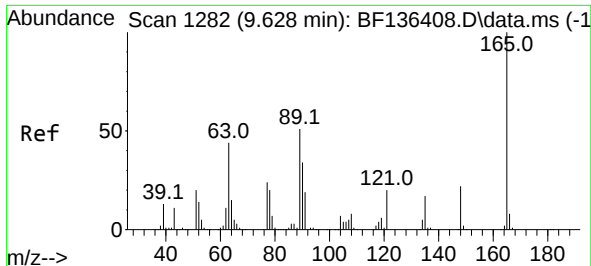
Tgt Ion:330 Resp: 372201
Ion Ratio Lower Upper
330 100
332 94.3 76.4 114.6
141 28.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 79.766 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

Tgt Ion:172 Resp: 1434523
Ion Ratio Lower Upper
172 100
171 37.1 30.5 45.7
170 24.0 19.9 29.9

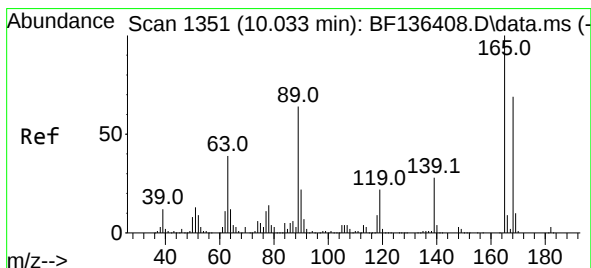
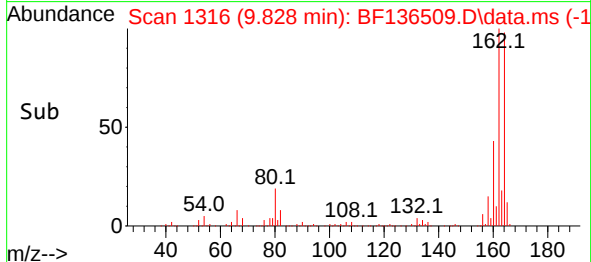
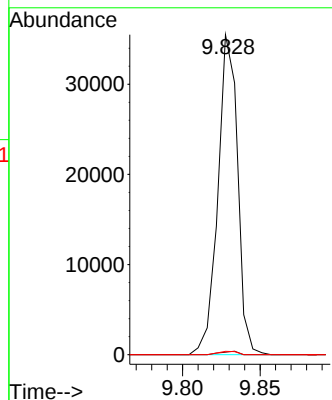
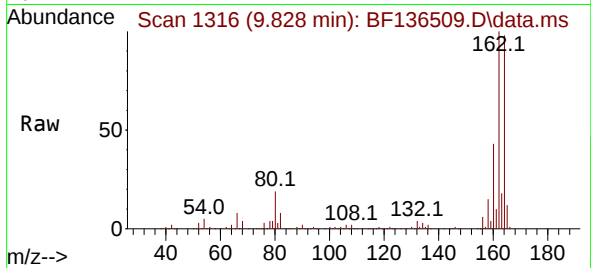




#51
2,6-Dinitrotoluene
Concen: 7.722 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

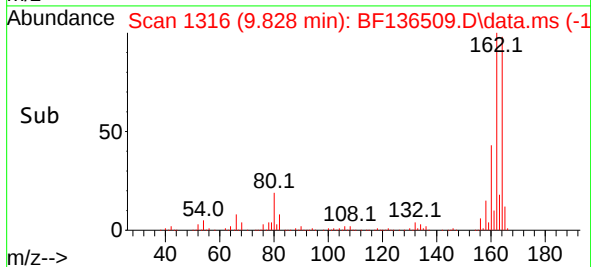
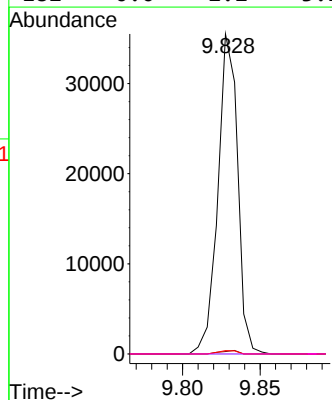
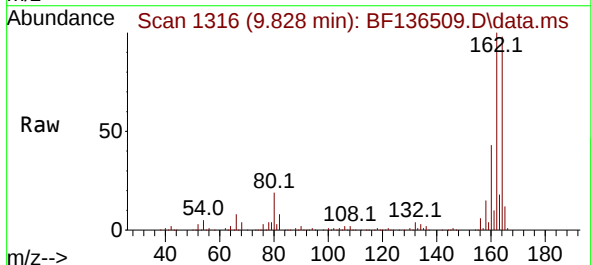
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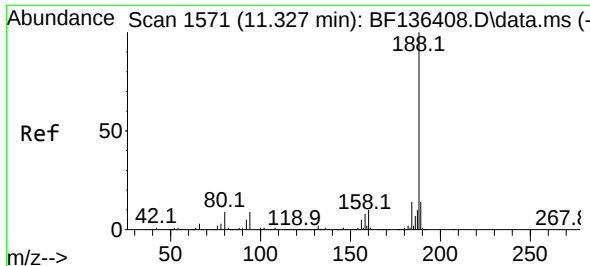
Tgt Ion:165 Resp: 31387
Ion Ratio Lower Upper
165 100
63 0.7 40.4 60.6#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.837 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.206 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

Tgt Ion:165 Resp: 31387
Ion Ratio Lower Upper
165 100
63 0.7 31.4 47.2#
89 1.1 51.7 77.5#
182 0.0 2.2 3.2#

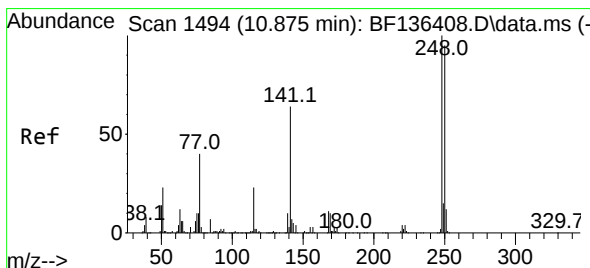
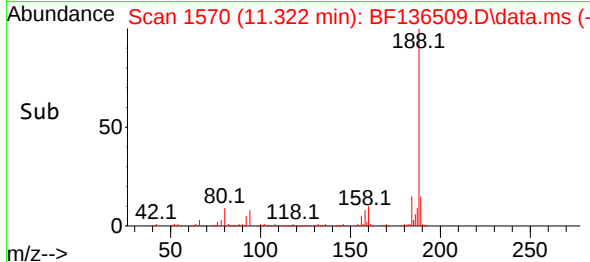
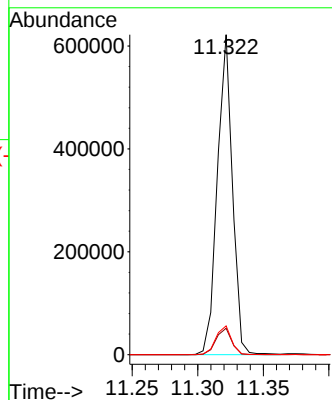
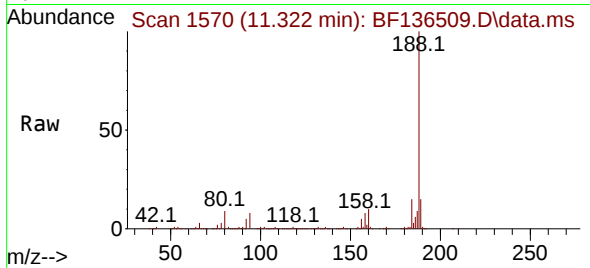




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

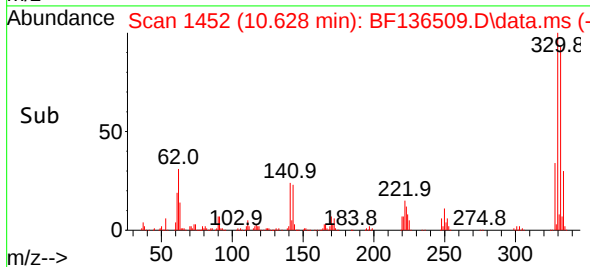
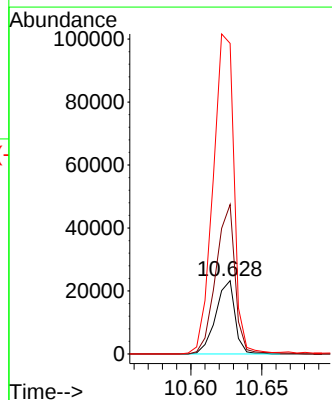
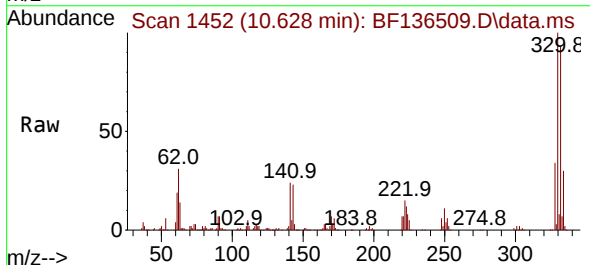
Instrument :
BNA_F
ClientSampleId :
PB157637BL

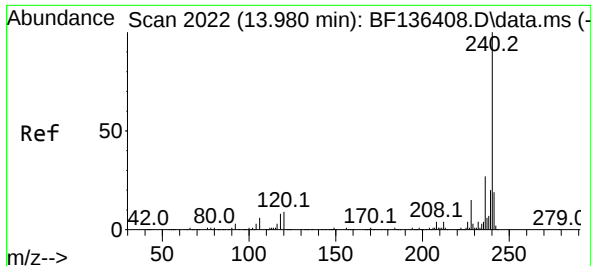
Tgt Ion:188 Resp: 495955
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.0 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.805 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

Tgt Ion:248 Resp: 21938
Ion Ratio Lower Upper
248 100
250 203.9 76.2 114.2#
141 423.8 51.0 76.4#

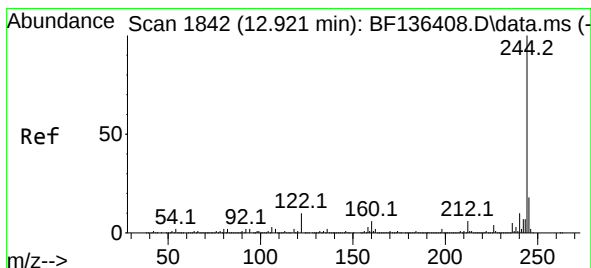
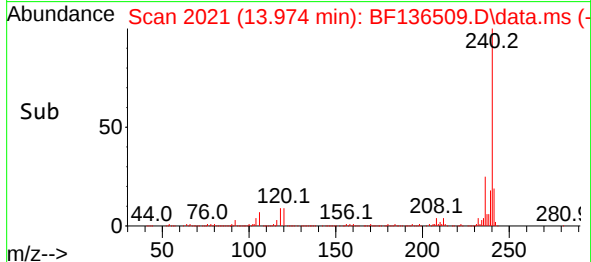
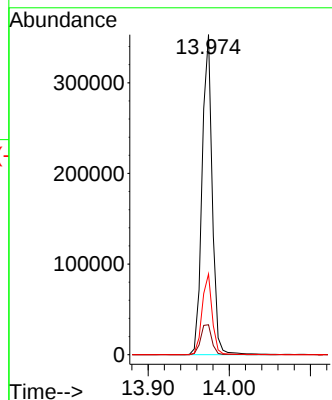
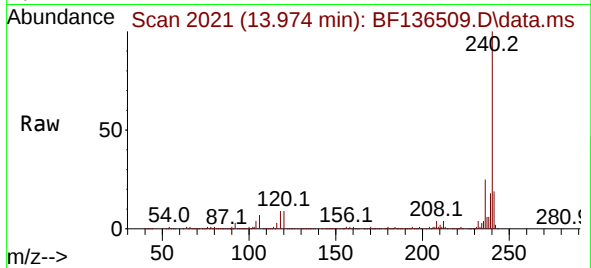




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

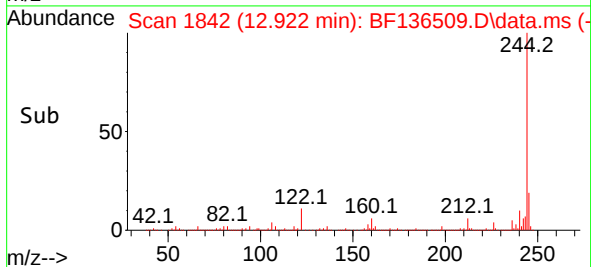
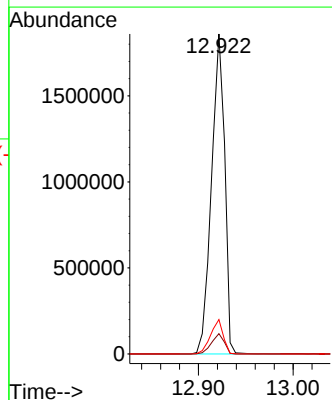
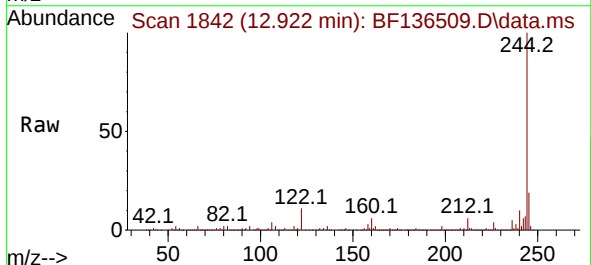
Instrument :
BNA_F
ClientSampleId :
PB157637BL

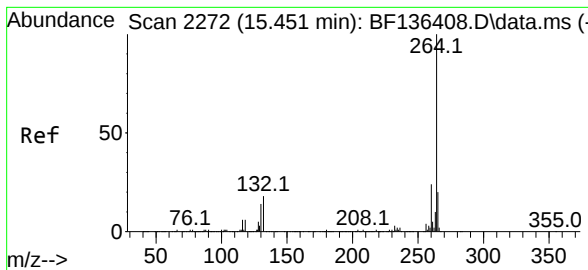
Tgt Ion:240 Resp: 306751
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.2 21.3 31.9



#79
Terphenyl-d14
Concen: 77.032 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF136509.D
Acq: 12 Dec 2023 11:24

Tgt Ion:244 Resp: 1792788
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 10.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF136509.D
 Acq: 12 Dec 2023 11:24

Instrument :
 BNA_F
 ClientSampleId :
 PB157637BL

Tgt Ion:264	Resp:	256526
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.2 28.8
265	21.6	15.9 23.9

