

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136443.D
 Acq On : 07 Dec 2023 12:50
 Operator : CG\JU
 Sample : PB157532BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157532BL

Quant Time: Dec 07 18:57:29 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)

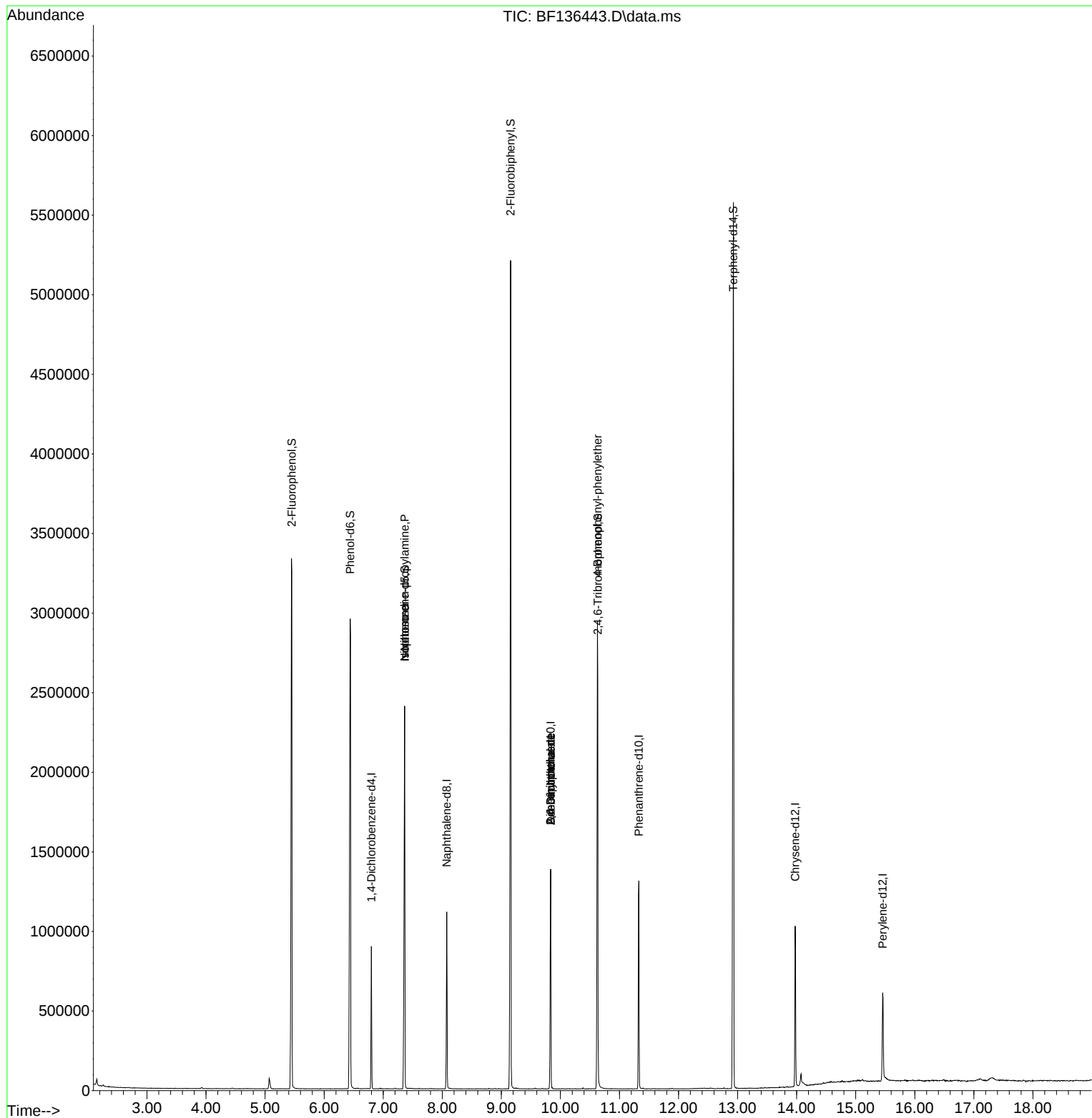
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	119333	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	490071	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	257715	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	503363	20.000	ng	0.00
76) Chrysene-d12	13.974	240	344242	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	269154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1141933	141.322	ng	0.02
7) Phenol-d6	6.440	99	1416850	140.540	ng	0.00
23) Nitrobenzene-d5	7.363	82	865657	95.492	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	456754	143.740	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1778191	94.148	ng	0.00
79) Terphenyl-d14	12.927	244	2339045	89.558	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	271	Below Cal		95
19) n-Nitroso-di-n-propyla...	7.363	70	111372	19.151 ng	#	76
25) Isophorone	7.363	82	865643	53.151 ng	#	65
50) Dimethylphthalate	9.834	163	53375	2.813 ng	#	1
51) 2,6-Dinitrotoluene	9.834	165	32927	7.714 ng	#	28
57) 2,4-Dinitrotoluene	9.834	165	32927	5.831 ng	#	28
67) 4-Bromophenyl-phenylether	10.628	248	27432	4.687 ng	#	1
77) Benzidine	12.675	184	2491	Below Cal	#	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
Data File : BF136443.D
Acq On : 07 Dec 2023 12:50
Operator : CG\JU
Sample : PB157532BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB157532BL

Quant Time: Dec 07 18:57:29 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

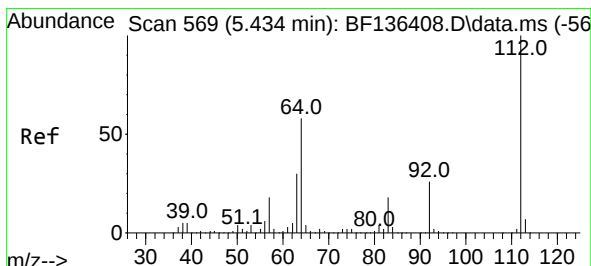
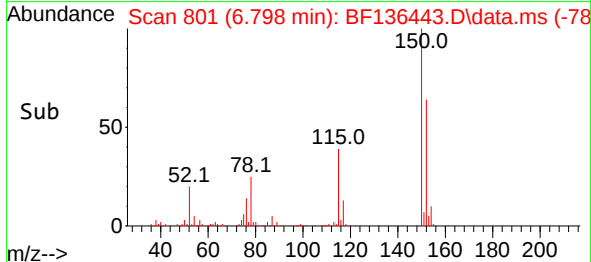
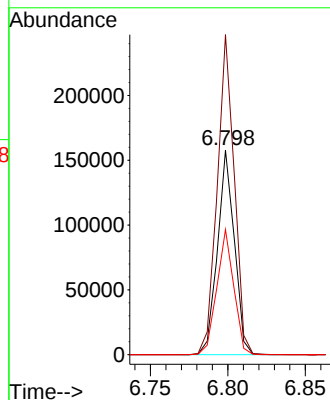
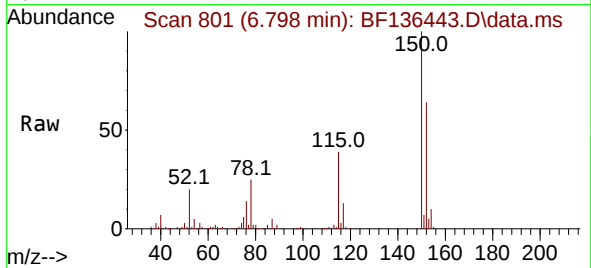




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

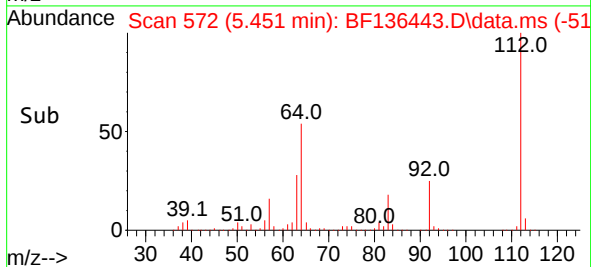
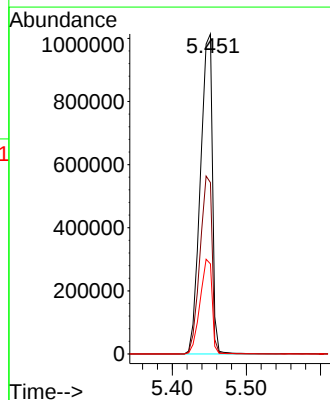
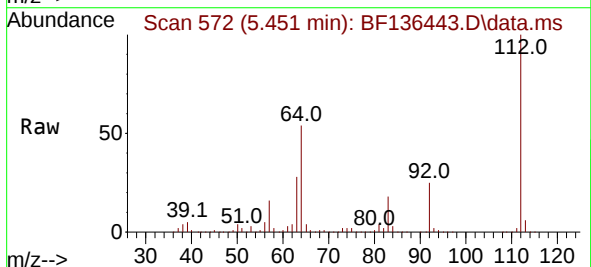
Instrument :
BNA_F
ClientSampleId :
PB157532BL

Tgt Ion:152 Resp: 119333
Ion Ratio Lower Upper
152 100
150 156.5 126.4 189.6
115 61.2 48.2 72.4



#5
2-Fluorophenol
Concen: 141.322 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

Tgt Ion:112 Resp: 1141933
Ion Ratio Lower Upper
112 100
64 53.6 46.5 69.7
63 28.1 23.9 35.9

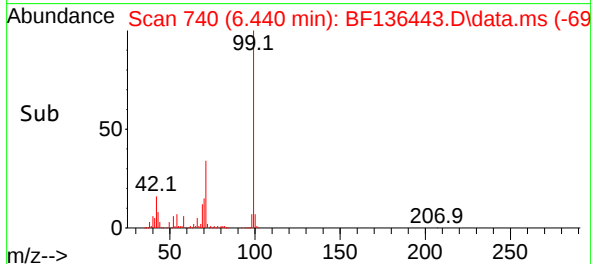
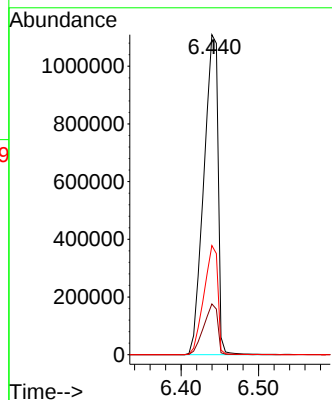
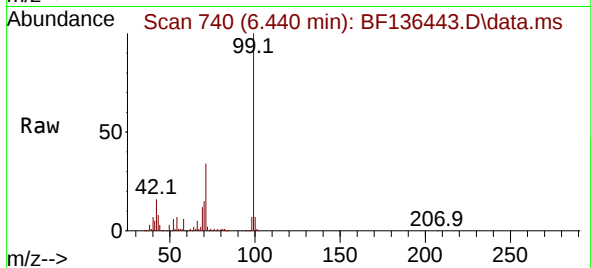




#7
Phenol-d6
Concen: 140.540 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

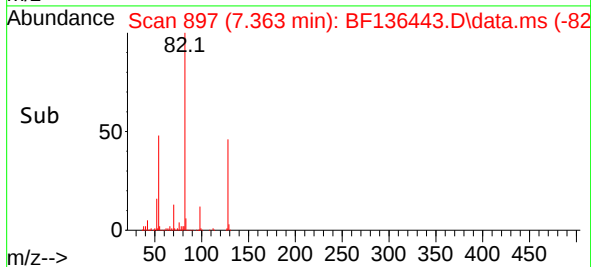
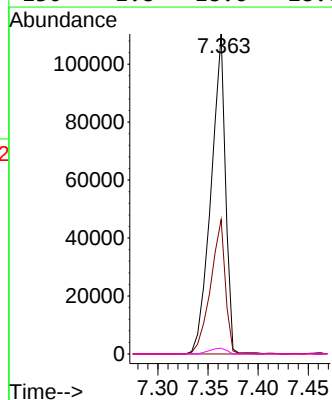
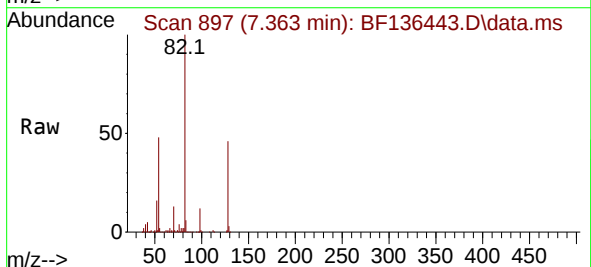
Instrument :
BNA_F
ClientSampleId :
PB157532BL

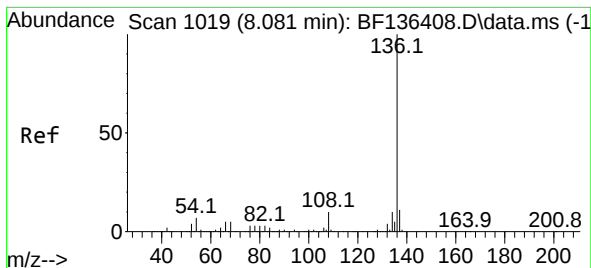
Tgt Ion: 99 Resp: 1416850
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 34.1 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.151 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

Tgt Ion: 70 Resp: 111372
Ion Ratio Lower Upper
70 100
42 42.0 41.4 62.0
101 0.0 8.2 12.4#
130 1.8 18.6 28.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136443.D

Acq: 07 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157532BL

Tgt Ion:136 Resp: 490071

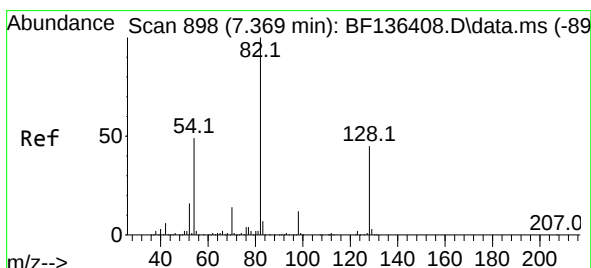
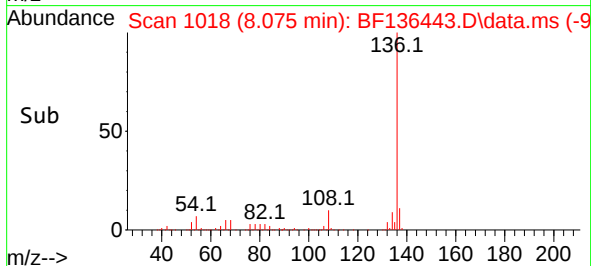
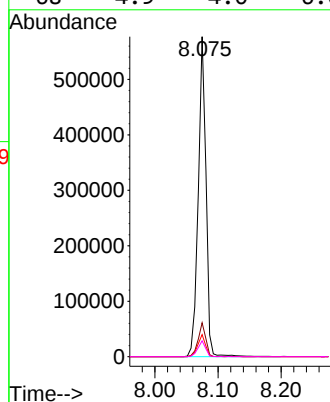
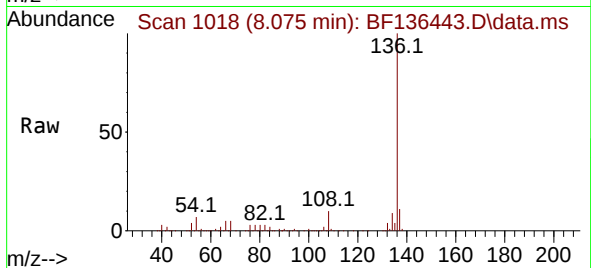
Ion Ratio Lower Upper

136 100

137 10.6 8.6 12.8

54 6.9 5.7 8.5

68 4.9 4.0 6.0



#23

Nitrobenzene-d5

Concen: 95.492 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF136443.D

Acq: 07 Dec 2023 12:50

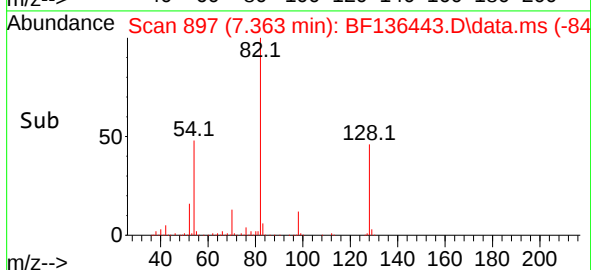
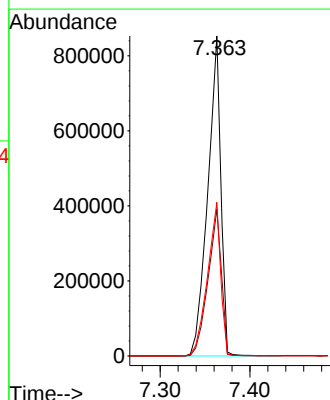
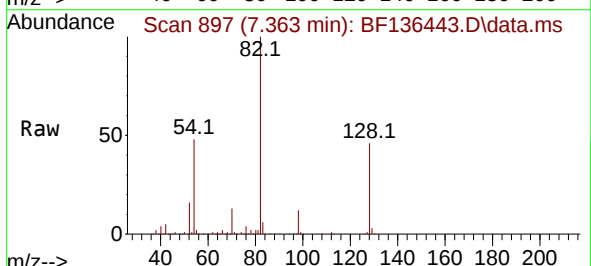
Tgt Ion: 82 Resp: 865657

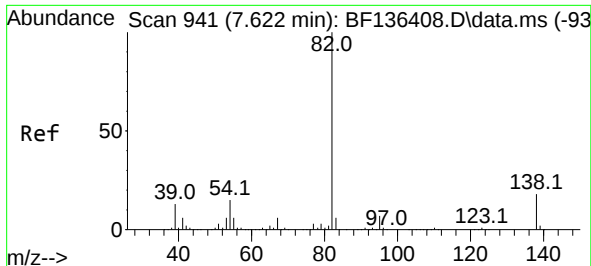
Ion Ratio Lower Upper

82 100

128 45.9 36.3 54.5

54 48.0 39.0 58.6

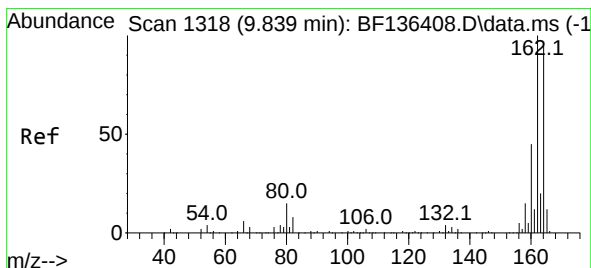
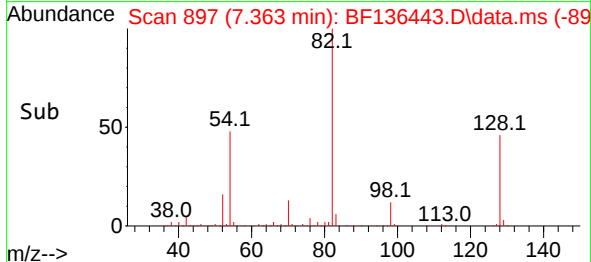
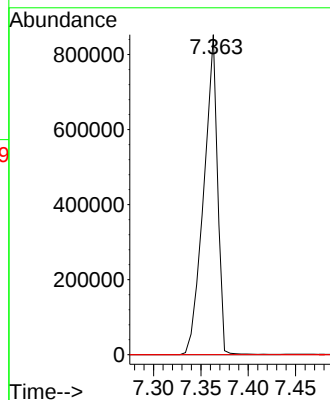
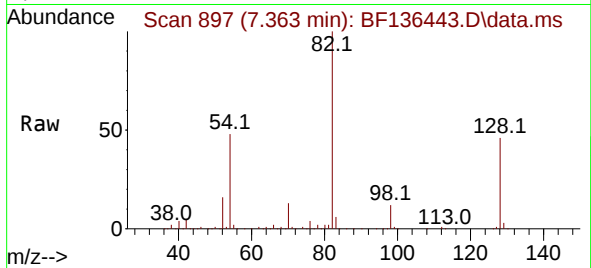




#25
Isophorone
Concen: 53.151 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

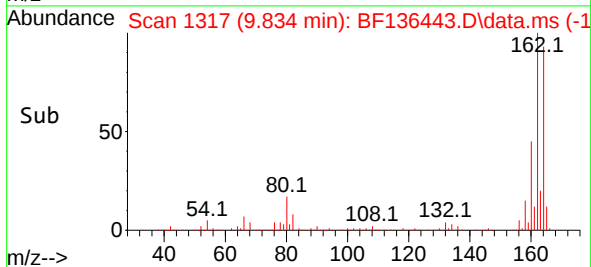
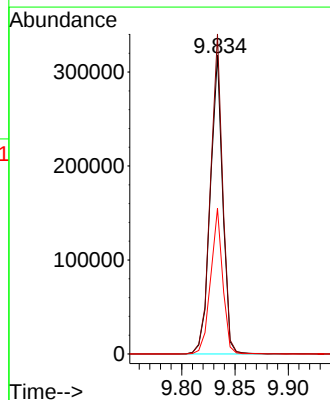
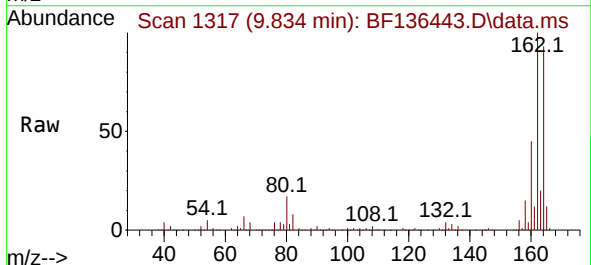
Instrument :
BNA_F
ClientSampleId :
PB157532BL

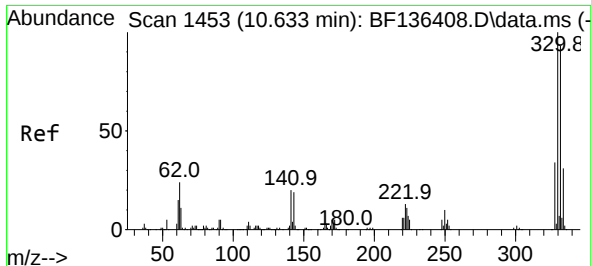
Tgt Ion: 82 Resp: 865643
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

Tgt Ion: 164 Resp: 257715
Ion Ratio Lower Upper
164 100
162 107.0 84.4 126.6
160 48.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 143.740 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF136443.D

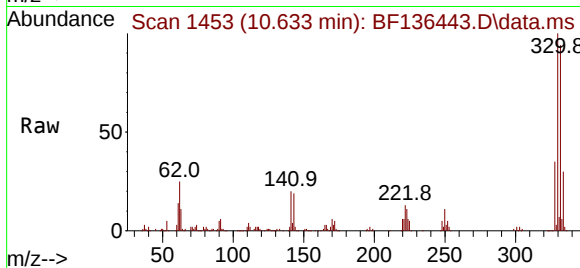
Acq: 07 Dec 2023 12:50

Instrument :

BNA_F

ClientSampleId :

PB157532BL



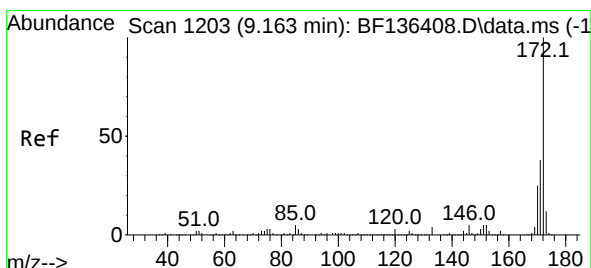
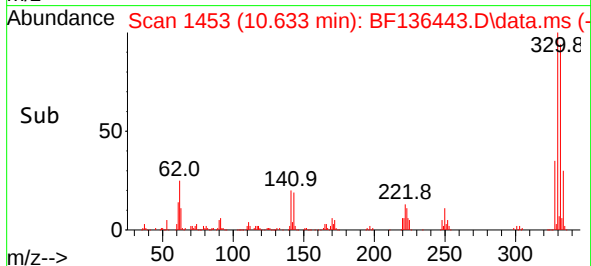
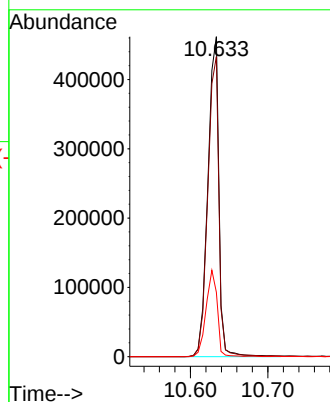
Tgt Ion:330 Resp: 456754

Ion Ratio Lower Upper

330 100

332 94.4 76.4 114.6

141 27.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 94.148 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136443.D

Acq: 07 Dec 2023 12:50

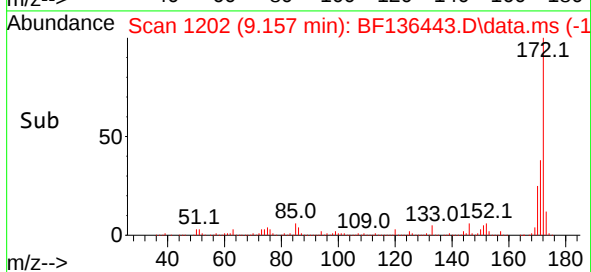
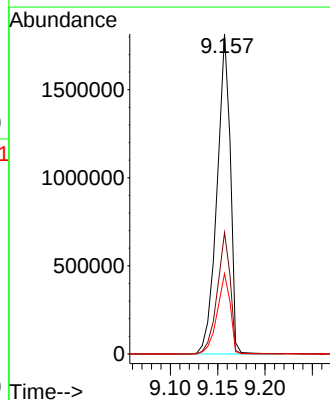
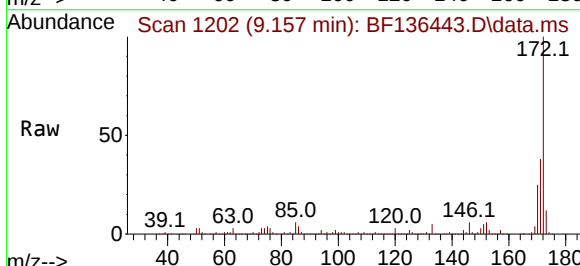
Tgt Ion:172 Resp: 1778191

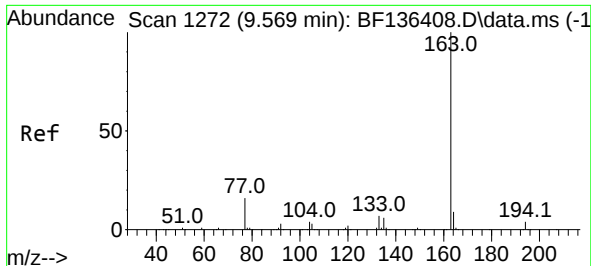
Ion Ratio Lower Upper

172 100

171 38.0 30.5 45.7

170 25.1 19.9 29.9

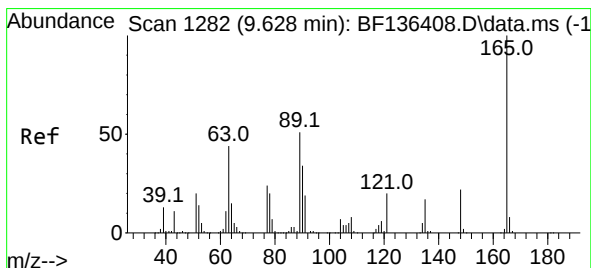
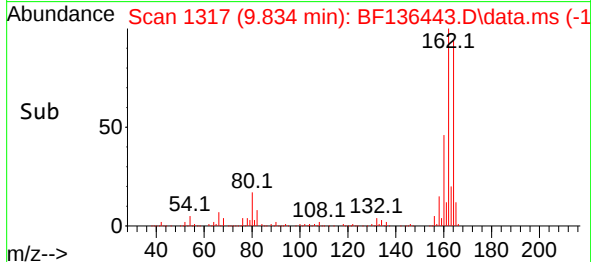
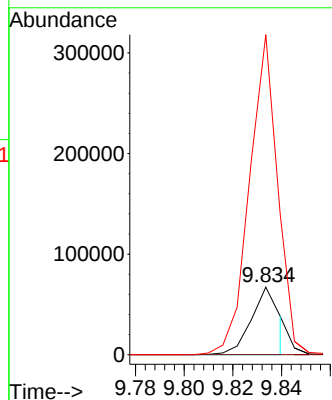
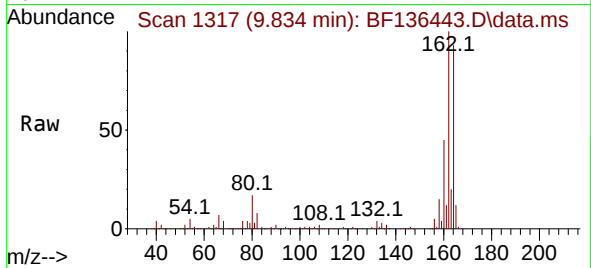




#50
Dimethylphthalate
Concen: 2.813 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

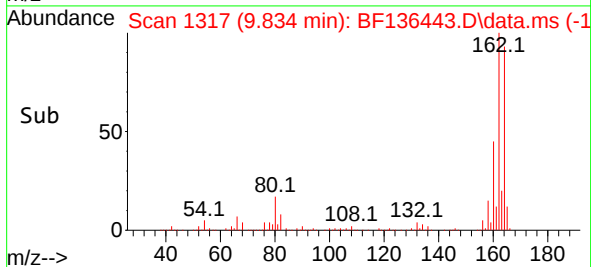
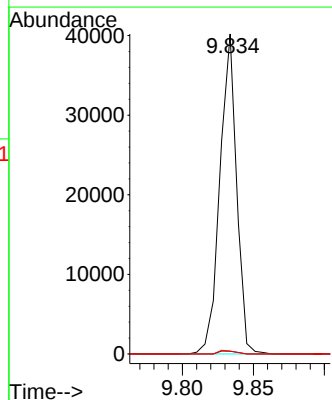
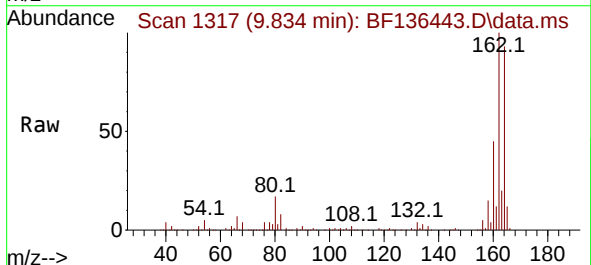
Instrument :
BNA_F
ClientSampleId :
PB157532BL

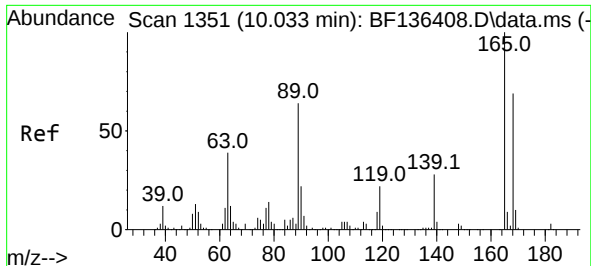
Tgt Ion:163 Resp: 53375
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 473.3 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.714 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

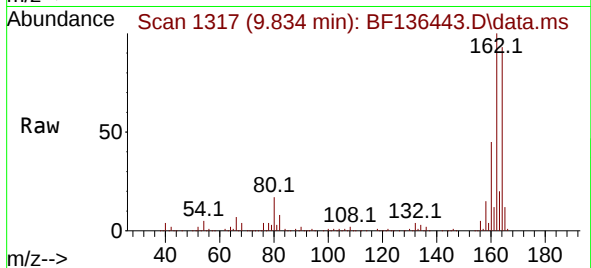
Tgt Ion:165 Resp: 32927
Ion Ratio Lower Upper
165 100
63 0.8 40.4 60.6#
89 0.9 40.6 60.8#



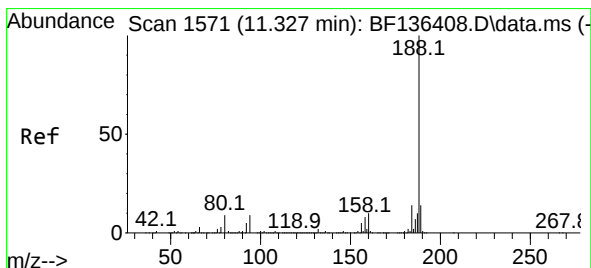
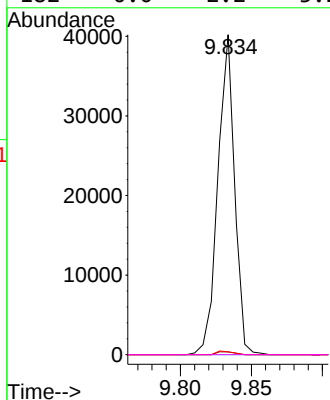
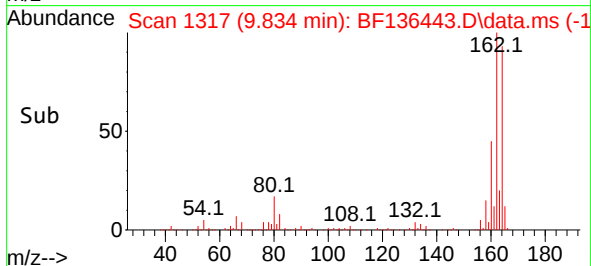


#57
2,4-Dinitrotoluene
Concen: 5.831 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

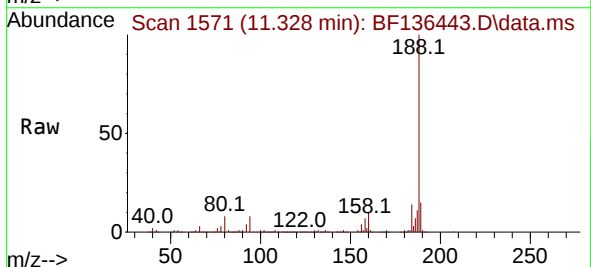
Instrument :
BNA_F
ClientSampleId :
PB157532BL



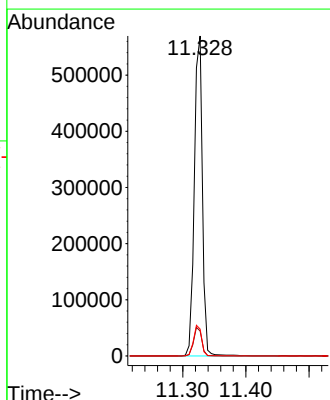
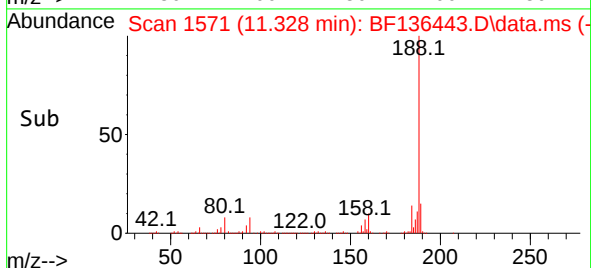
Tgt Ion:165 Resp: 32927
Ion Ratio Lower Upper
165 100
63 0.8 31.4 47.2#
89 0.9 51.7 77.5#
182 0.0 2.2 3.2#

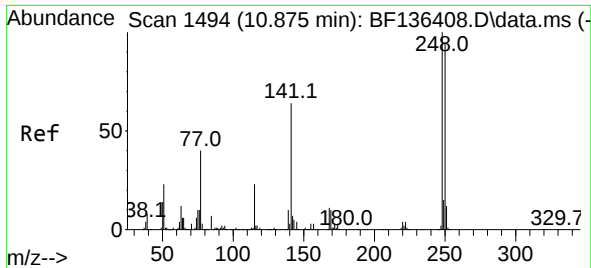


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50



Tgt Ion:188 Resp: 503363
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 8.4 7.2 10.8

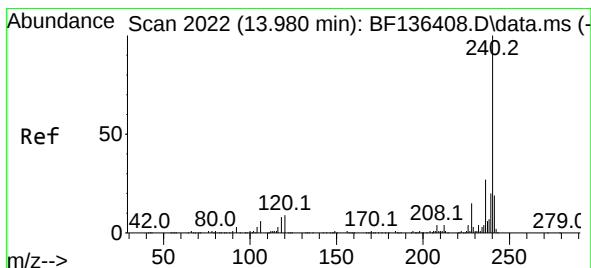
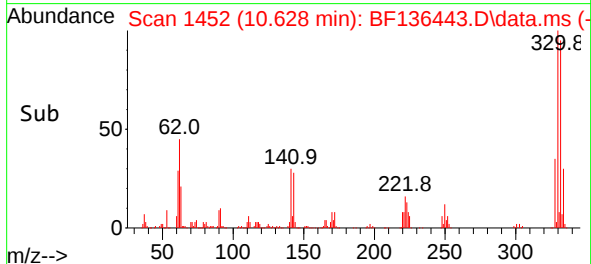
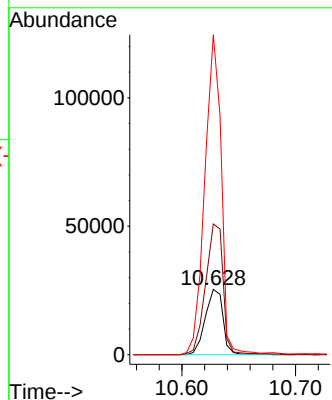
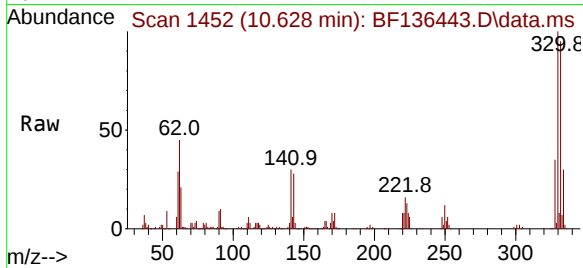




#67
4-Bromophenyl-phenylether
Concen: 4.687 ng
RT: 10.628 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

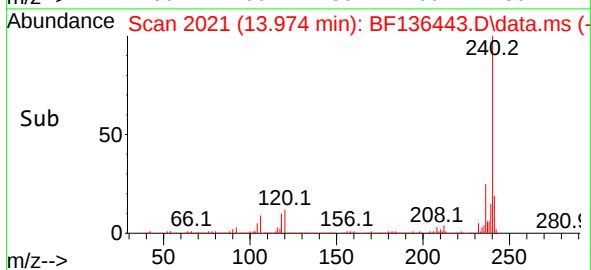
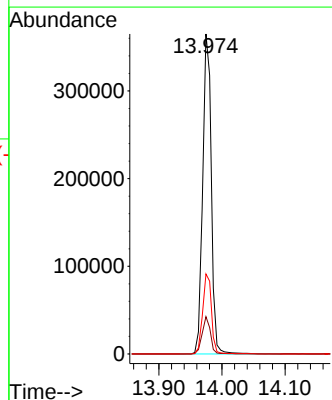
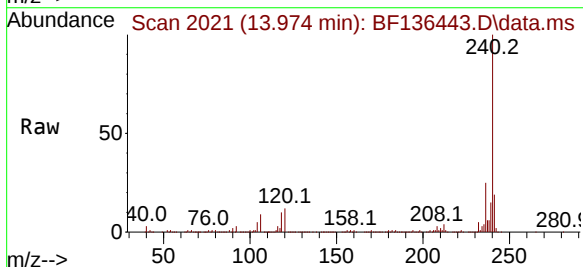
Instrument :
BNA_F
ClientSampleId :
PB157532BL

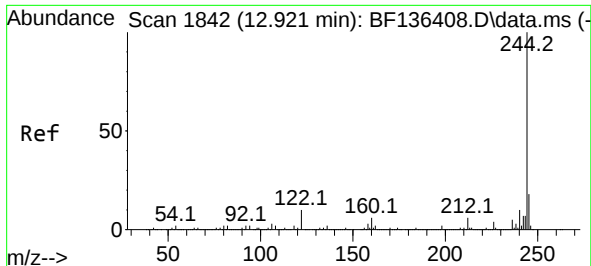
Tgt Ion:248 Resp: 27432
Ion Ratio Lower Upper
248 100
250 200.3 76.2 114.2#
141 490.6 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136443.D
Acq: 07 Dec 2023 12:50

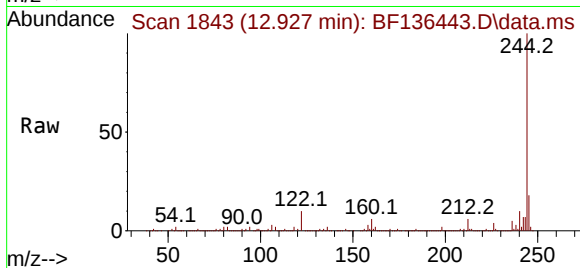
Tgt Ion:240 Resp: 344242
Ion Ratio Lower Upper
240 100
120 11.7 7.3 10.9#
236 25.0 21.3 31.9





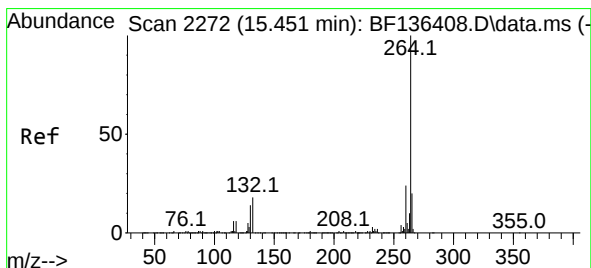
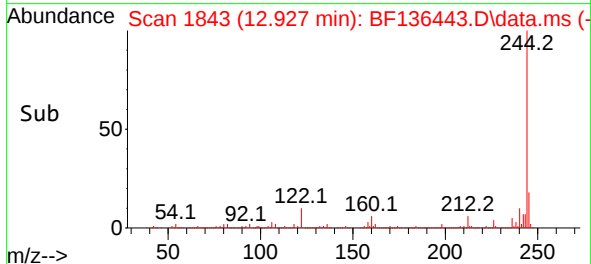
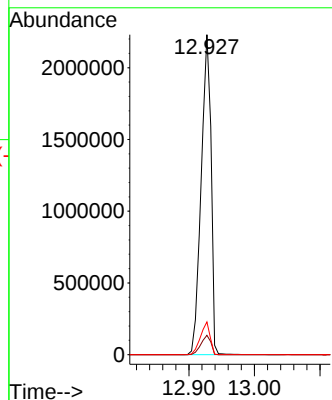
#79
 Terphenyl-d14
 Concen: 89.558 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF136443.D
 Acq: 07 Dec 2023 12:50

Instrument :
 BNA_F
 ClientSampleId :
 PB157532BL



Tgt Ion:244 Resp: 2339045

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.0	7.4
122	10.3	8.3	12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.006 min
 Lab File: BF136443.D
 Acq: 07 Dec 2023 12:50

Tgt Ion:264 Resp: 269154

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	15.9	23.9

