

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136806.D
 Acq On : 28 Dec 2023 21:53
 Operator : CG\JU
 Sample : 06027-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTAINMENT

Quant Time: Dec 28 23:31:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

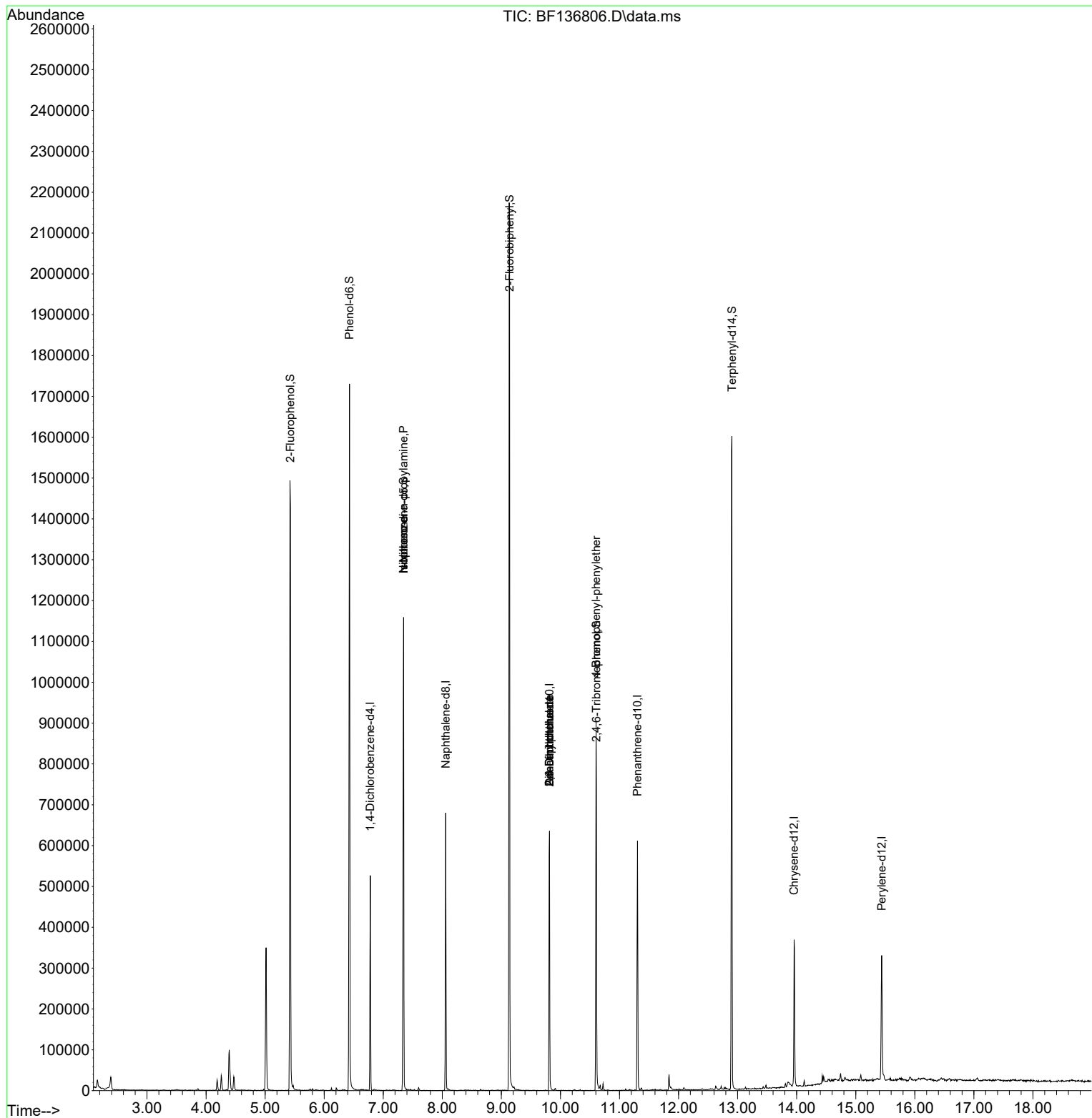
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68792	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	268715	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	129765	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	217773	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	132160	20.000	ng	-0.01
86) Perylene-d12	15.439	264	143176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	436390	98.978	ng	0.00
7) Phenol-d6	6.428	99	574242	100.516	ng	-0.01
23) Nitrobenzene-d5	7.345	82	361994	68.934	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	119358	78.100	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	730028	75.666	ng	-0.01
79) Terphenyl-d14	12.904	244	608044	64.295	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	47261	13.647	ng	# 73
25) Isophorone	7.345	82	361991	37.884	ng	# 65
50) Dimethylphthalate	9.816	163	25971	2.740	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	16660	7.745	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	16660	5.966	ng	# 21
67) 4-Bromophenyl-phenylether	10.604	248	7125	2.946	ng	# 1

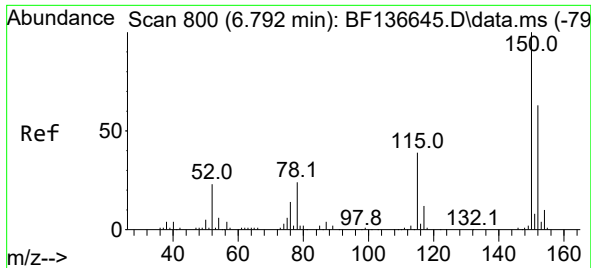
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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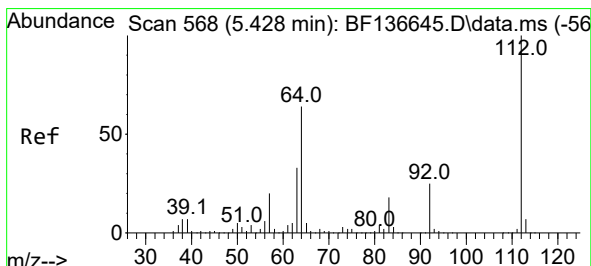
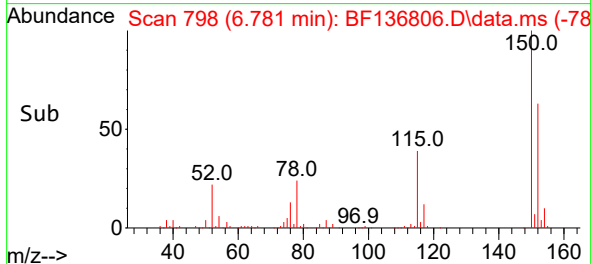
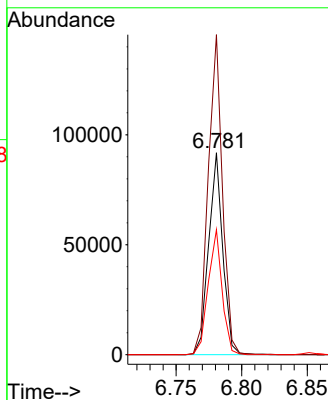
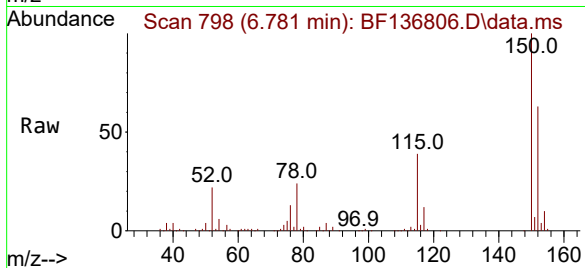




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

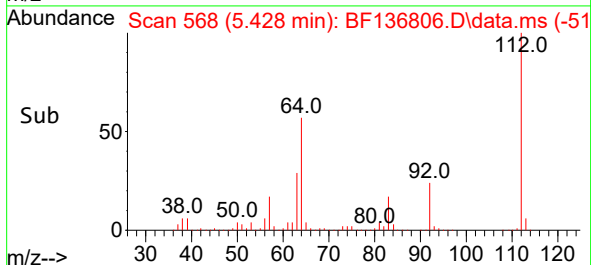
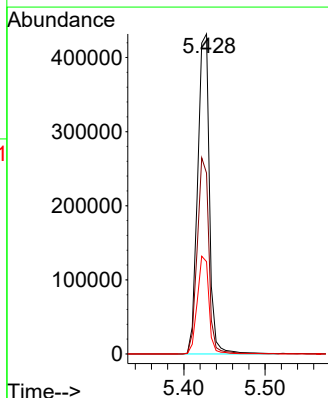
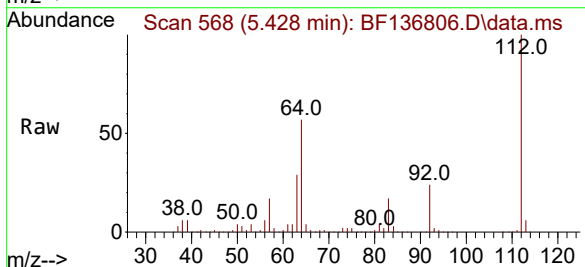
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT

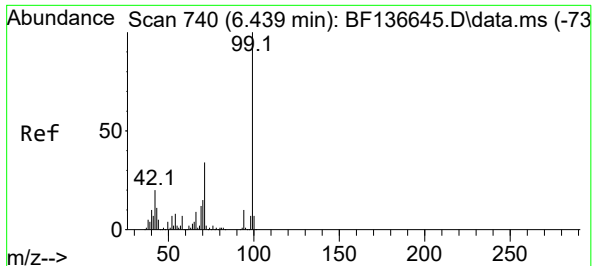
Tgt Ion:152 Resp: 68792
Ion Ratio Lower Upper
152 100
150 158.5 127.0 190.6
115 61.9 49.0 73.4



#5
2-Fluorophenol
Concen: 98.978 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

Tgt Ion:112 Resp: 436390
Ion Ratio Lower Upper
112 100
64 56.5 51.1 76.7
63 28.9 26.1 39.1

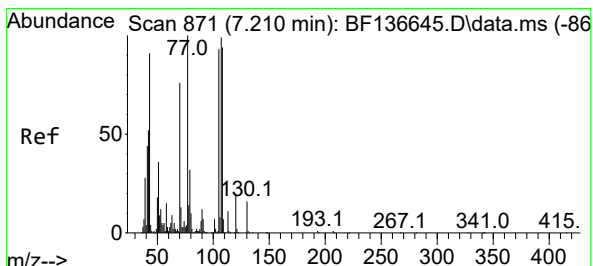
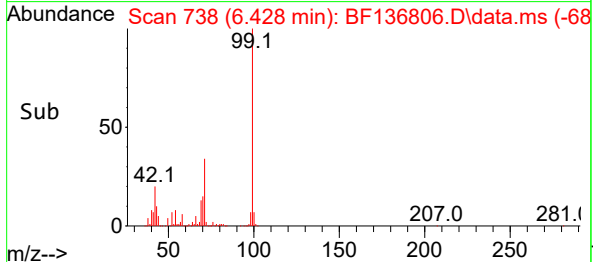
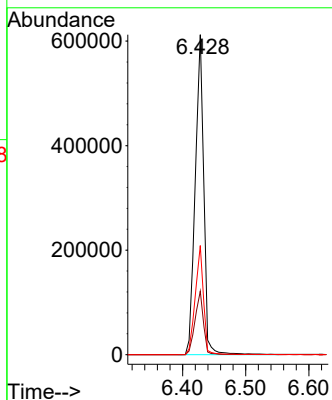
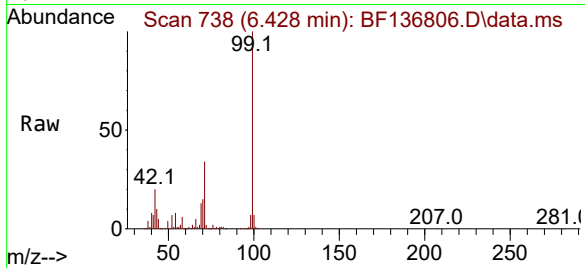




#7
Phenol-d6
Concen: 100.516 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

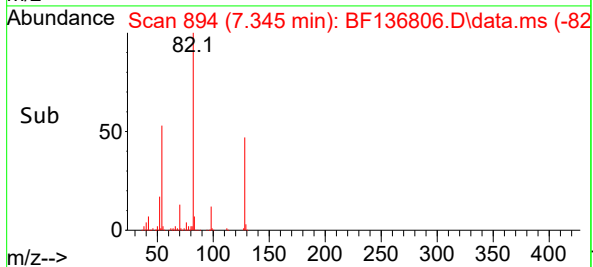
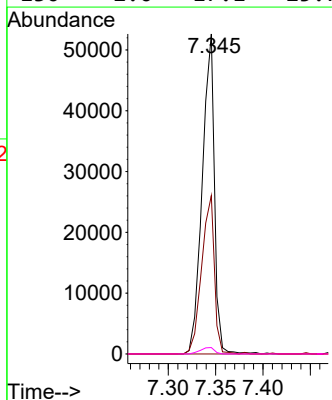
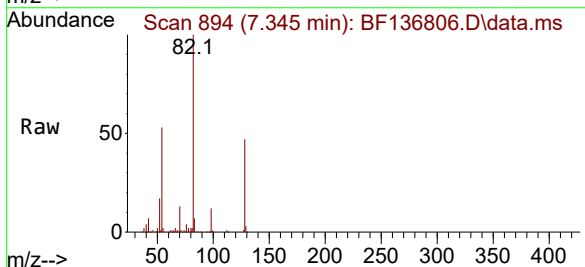
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT

Tgt Ion: 99 Resp: 574242
Ion Ratio Lower Upper
99 100
42 19.9 16.1 24.1
71 34.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.647 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

Tgt Ion: 70 Resp: 47261
Ion Ratio Lower Upper
70 100
42 49.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.0 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF136806.D

Acq: 28 Dec 2023 21:53

Instrument :

BNA_F

ClientSampleId :

CONTAINMENT

Tgt Ion:136 Resp: 268715

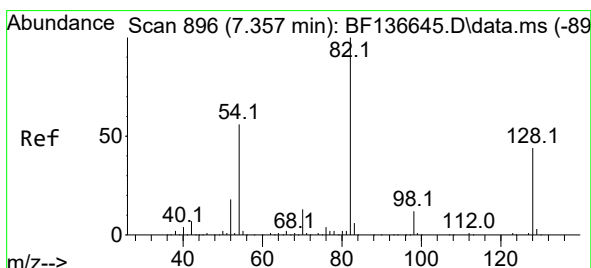
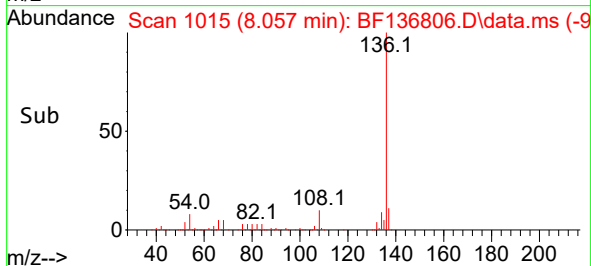
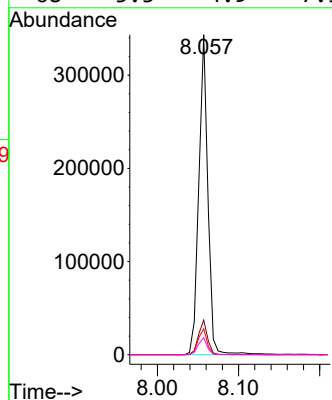
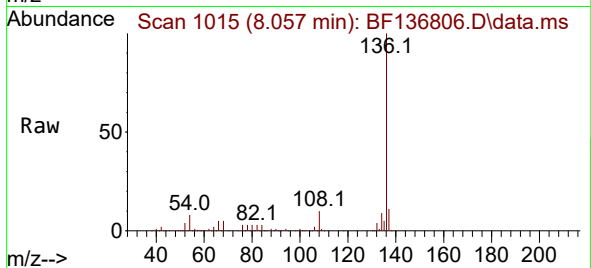
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 8.1 7.2 10.8

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 68.934 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136806.D

Acq: 28 Dec 2023 21:53

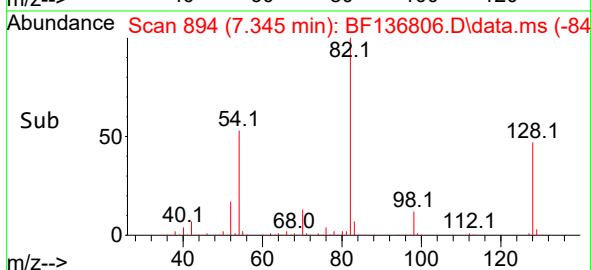
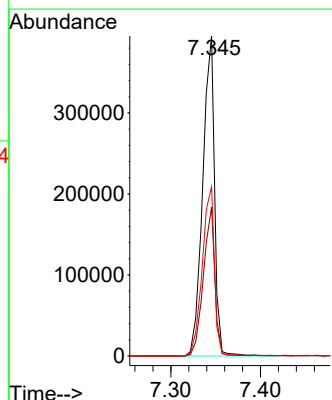
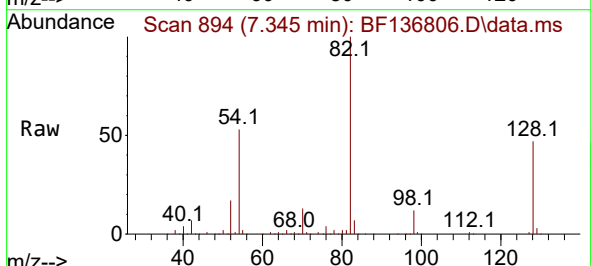
Tgt Ion: 82 Resp: 361994

Ion Ratio Lower Upper

82 100

128 46.5 35.3 52.9

54 52.9 44.5 66.7

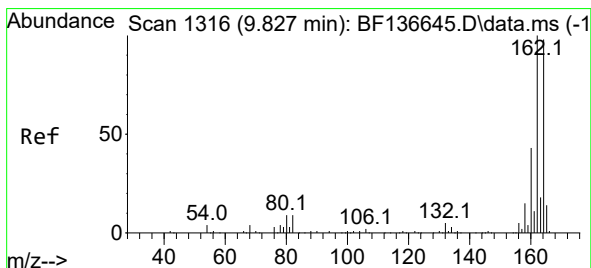
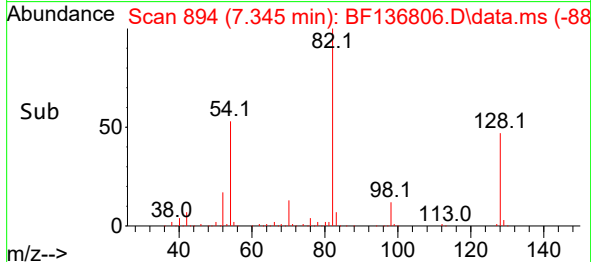
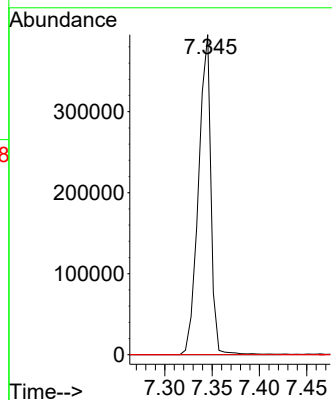
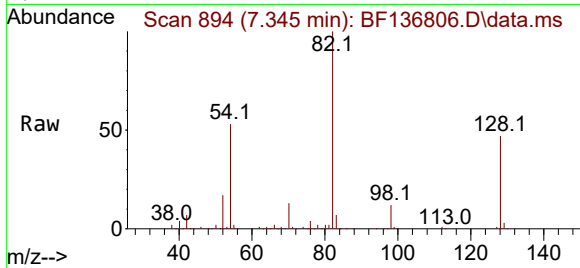




#25
Isophorone
Concen: 37.884 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

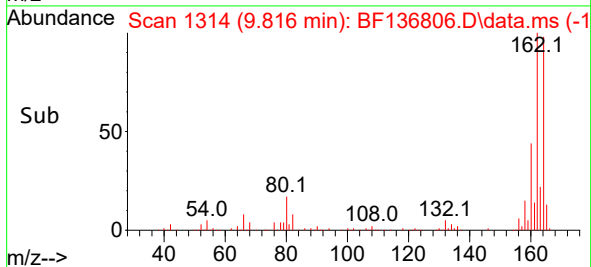
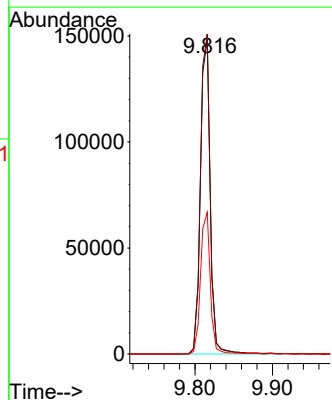
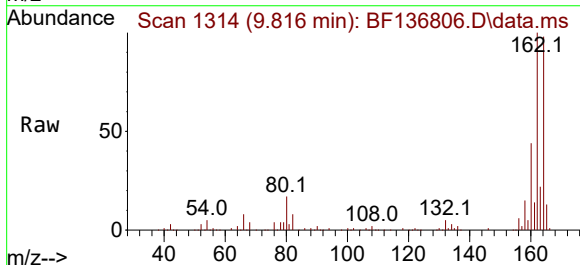
Instrument :
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Tgt Ion: 82 Resp: 361991
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

Tgt Ion: 164 Resp: 129765
Ion Ratio Lower Upper
164 100
162 101.9 81.6 122.4
160 45.1 34.9 52.3

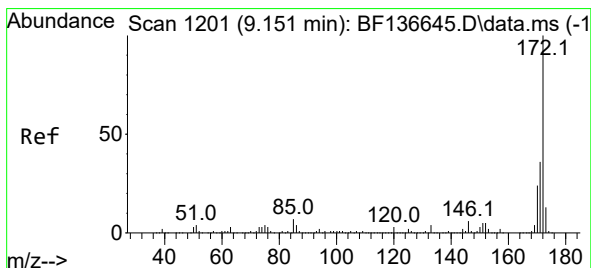
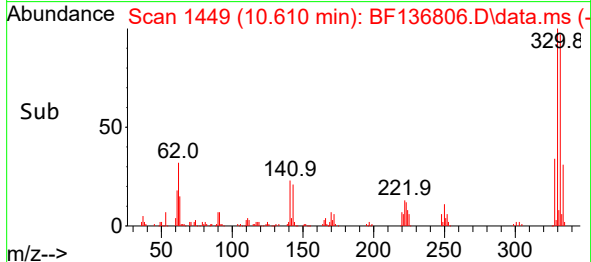
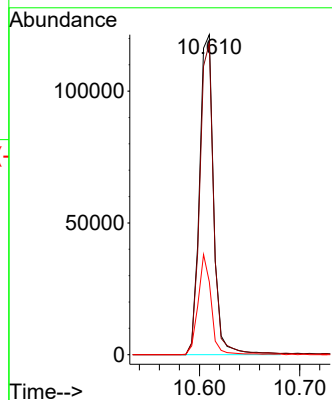
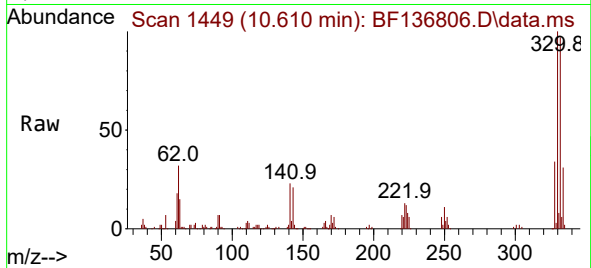




#42
2,4,6-Tribromophenol
Concen: 78.100 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

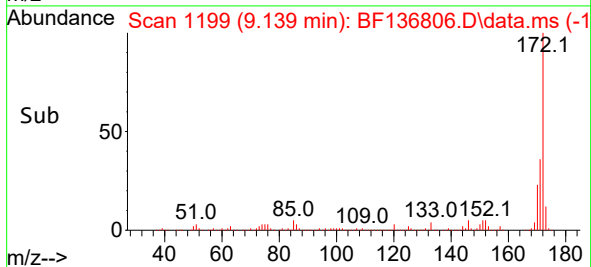
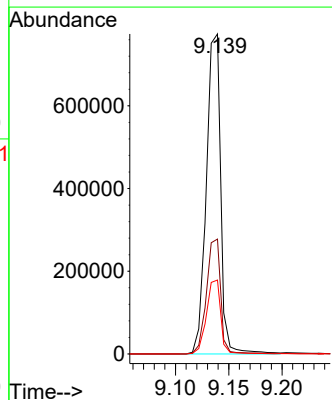
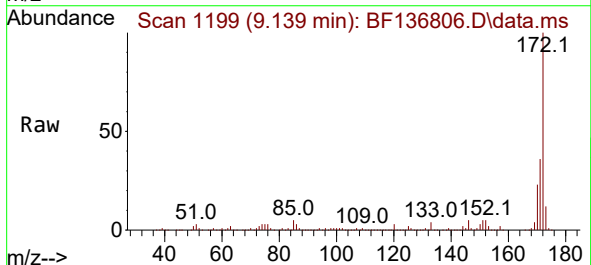
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT

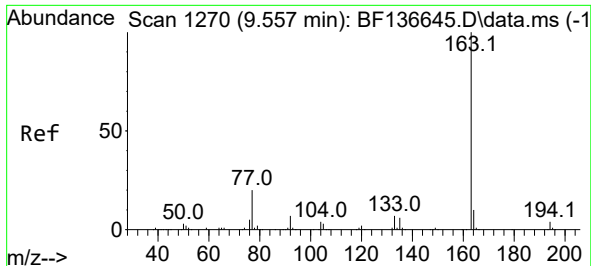
Tgt Ion:330 Resp: 119358
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 29.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 75.666 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

Tgt Ion:172 Resp: 730028
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.1 19.0 28.4

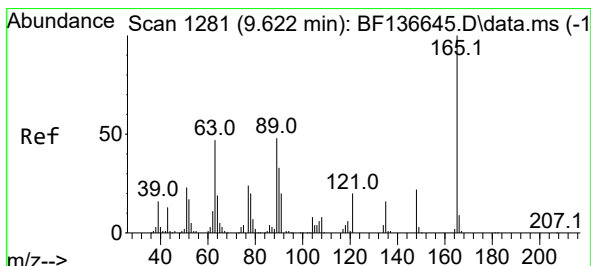
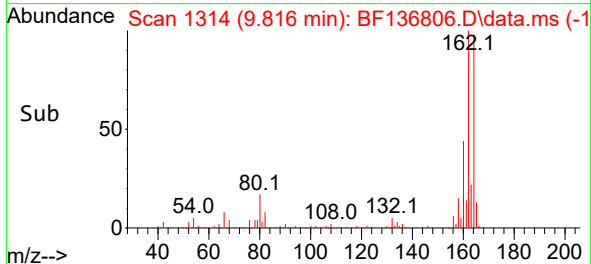
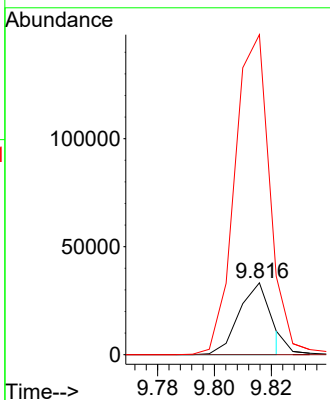
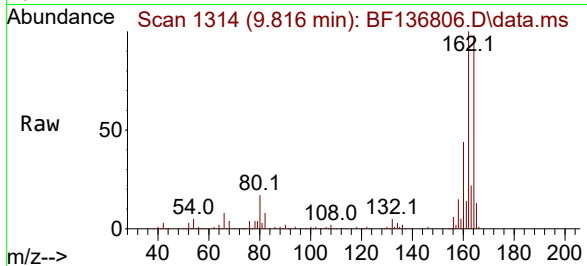




#50
Dimethylphthalate
Concen: 2.740 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

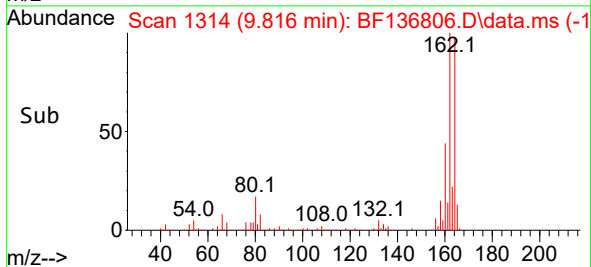
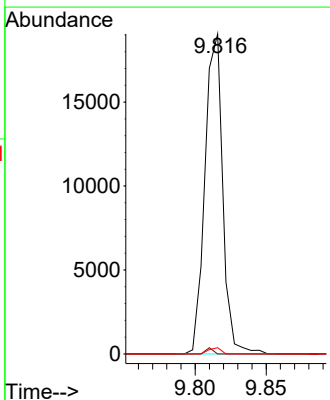
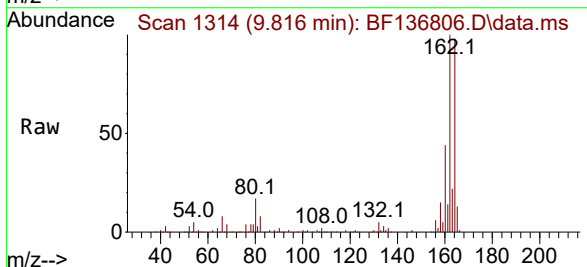
Instrument :
BNA_F
ClientSampleId :
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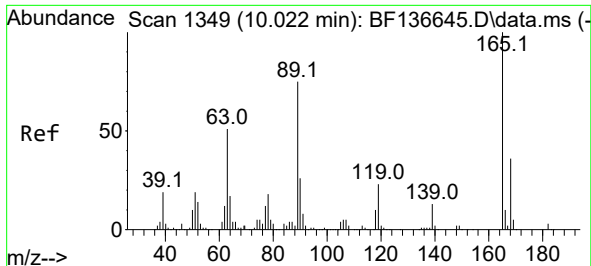
Tgt Ion:163 Resp: 25971
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 444.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.745 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

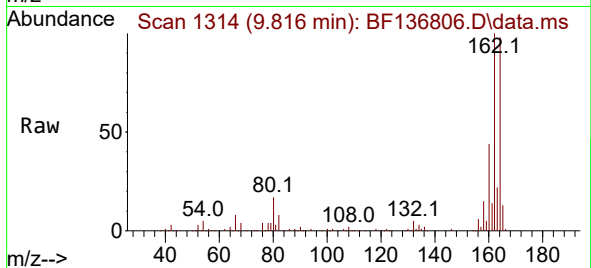
Tgt Ion:165 Resp: 16660
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.9 38.8 58.2#



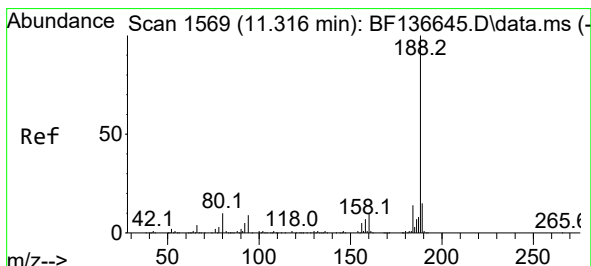
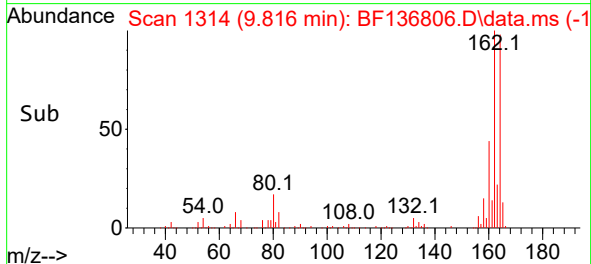
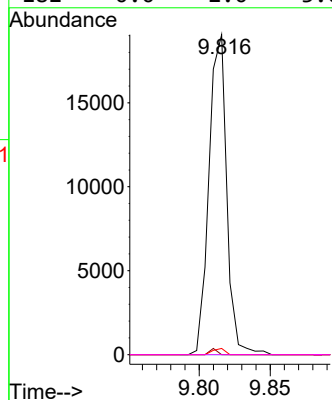


#57
2,4-Dinitrotoluene
Concen: 5.966 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

Instrument :
BNA_F
ClientSampleId :
CONTAINMENT

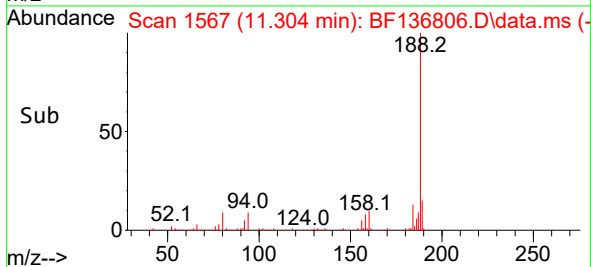
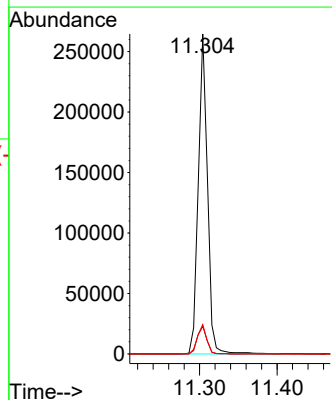
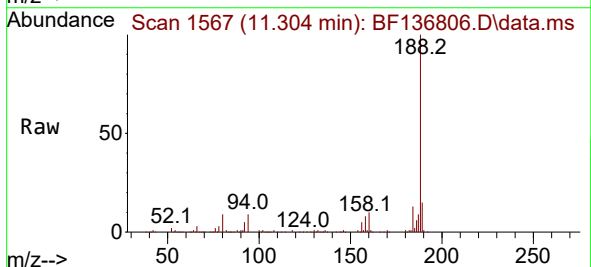


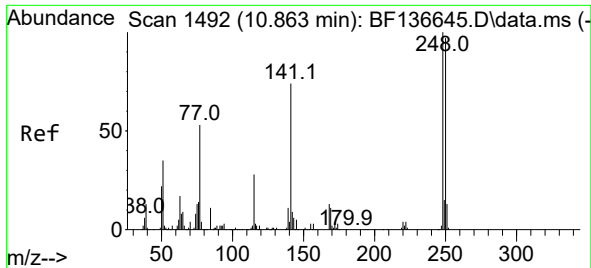
Tgt Ion:165 Resp: 16660
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 1.9 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

Tgt Ion:188 Resp: 217773
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.2 8.1 12.1

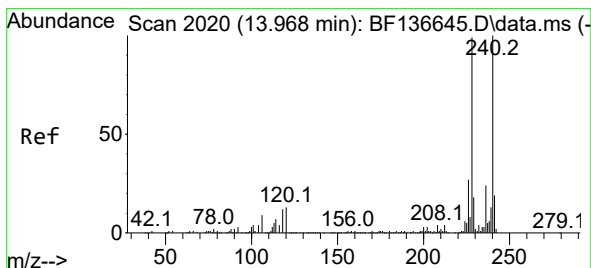
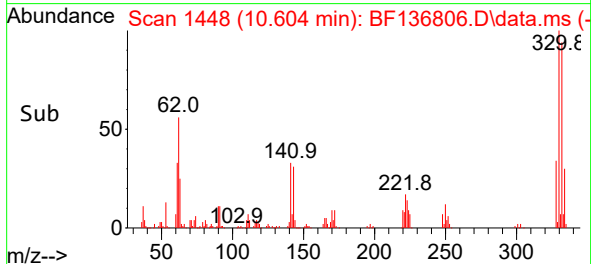
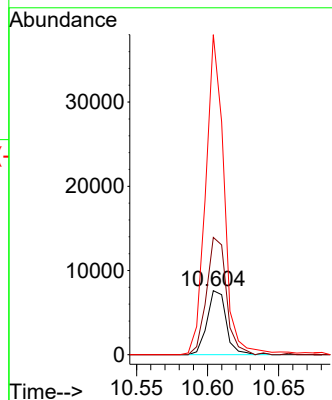
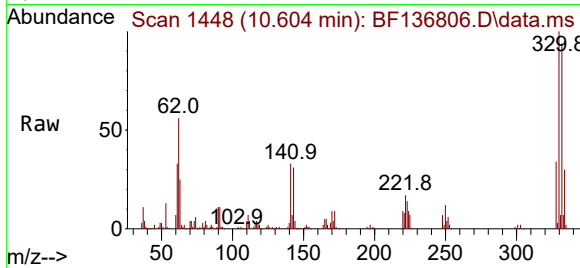




#67
4-Bromophenyl-phenylether
Concen: 2.946 ng
RT: 10.604 min Scan# 1492
Delta R.T. -0.259 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

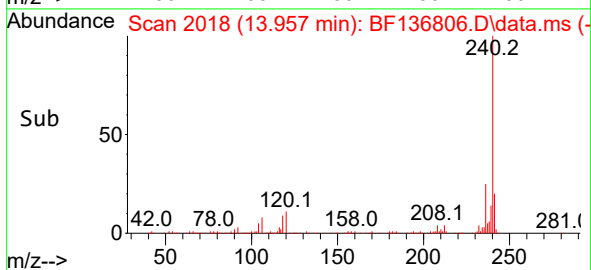
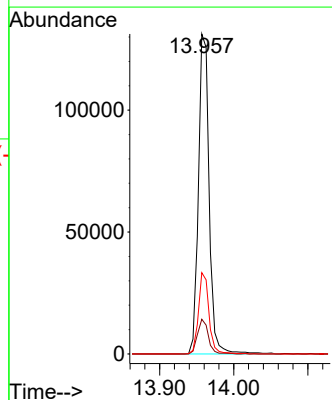
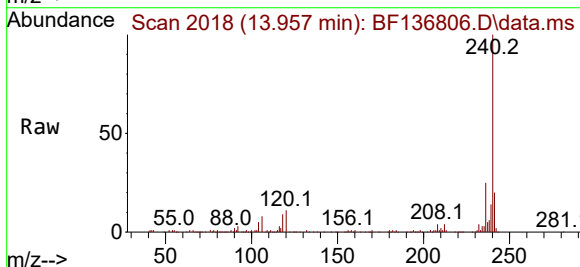
Instrument :
BNA_F
ClientSampleId :
CONTAINMENT

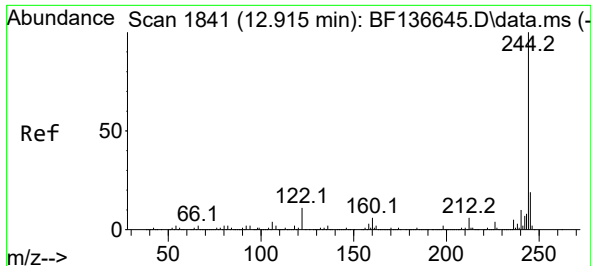
Tgt Ion:248 Resp: 7125
Ion Ratio Lower Upper
248 100
250 183.3 77.8 116.6#
141 500.4 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136806.D
Acq: 28 Dec 2023 21:53

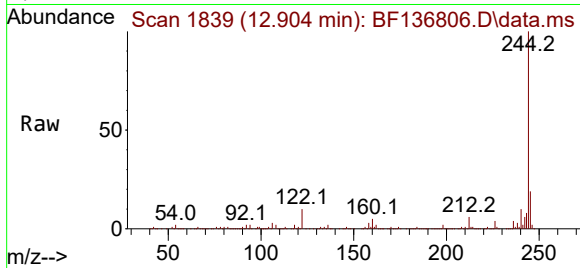
Tgt Ion:240 Resp: 132160
Ion Ratio Lower Upper
240 100
120 10.8 10.3 15.5
236 25.4 19.4 29.2



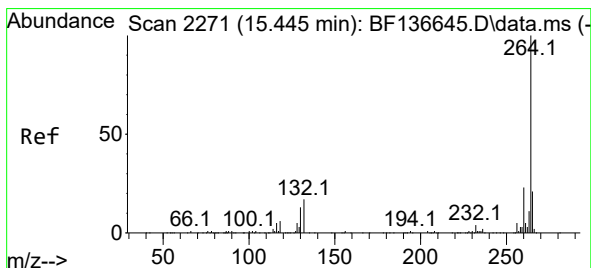
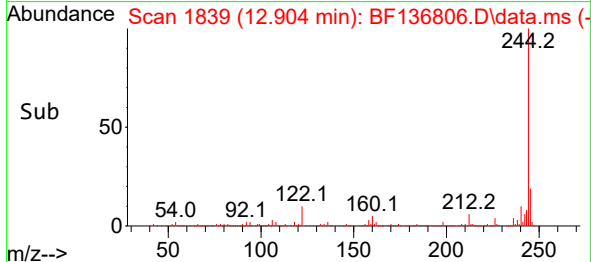
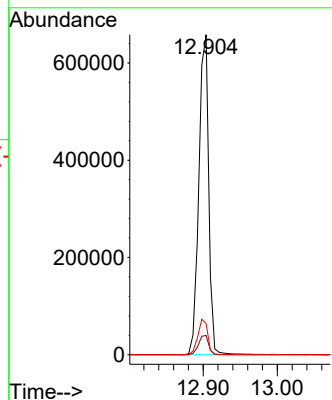


#79
 Terphenyl-d14
 Concen: 64.295 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136806.D
 Acq: 28 Dec 2023 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CONTAINMENT



Tgt Ion:244 Resp: 608044
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 9.7 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136806.D
 Acq: 28 Dec 2023 21:53

Tgt Ion:264 Resp: 143176
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 22.1 17.0 25.6

