

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141604.D
 Acq On : 13 Feb 2025 10:33
 Operator : RC/JU
 Sample : PB166698BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166698BL

Quant Time: Feb 13 11:06:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

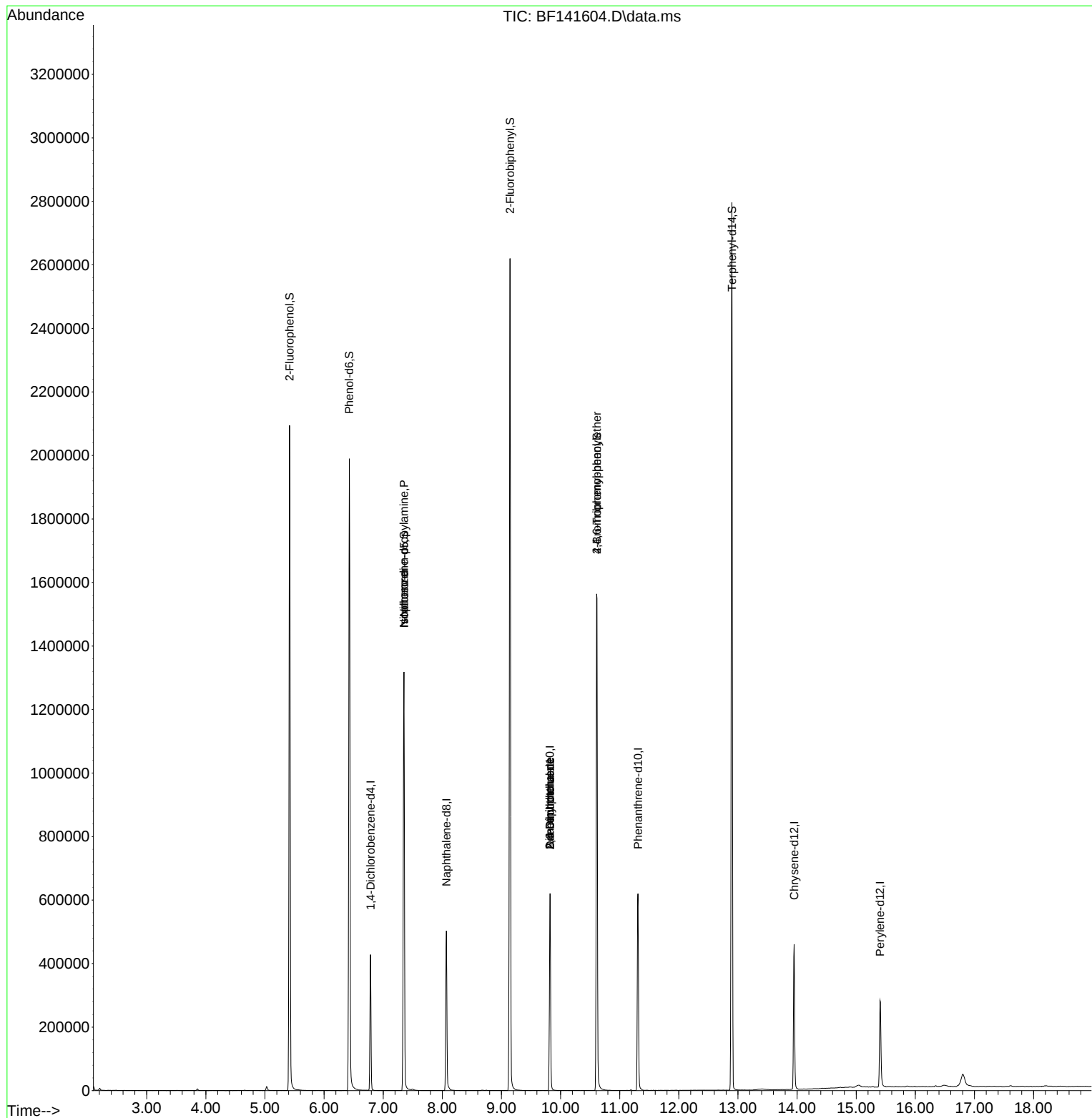
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	87878	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	353159	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	197361	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	342943	20.000	ng	0.00
76) Chrysene-d12	13.951	240	241718	20.000	ng	-0.01
86) Perylene-d12	15.404	264	185798	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	767130	136.856	ng	0.00
7) Phenol-d6	6.428	99	956775	135.047	ng	-0.01
23) Nitrobenzene-d5	7.351	82	631735	93.301	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	273158	137.779	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1207452	94.256	ng	0.00
79) Terphenyl-d14	12.898	244	1427293	99.683	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	85428	20.158	ng	# 73
25) Isophorone	7.351	82	610748	56.572	ng	# 66
50) Dimethylphthalate	9.822	163	28143	2.100	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	25508	8.709	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	25508	6.542	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	18927	4.938	ng	# 1

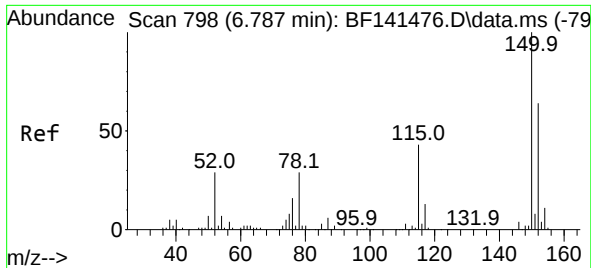
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
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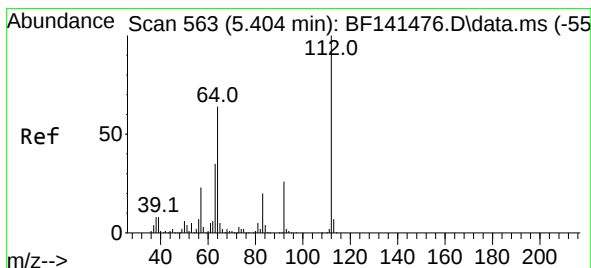
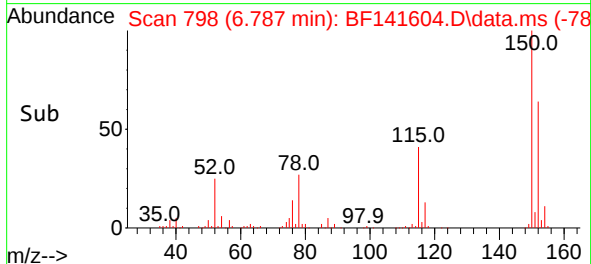
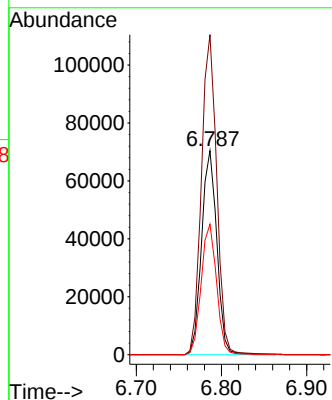
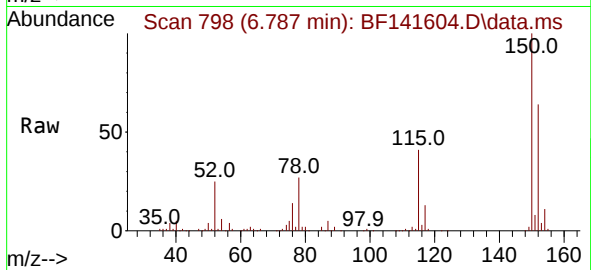




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33

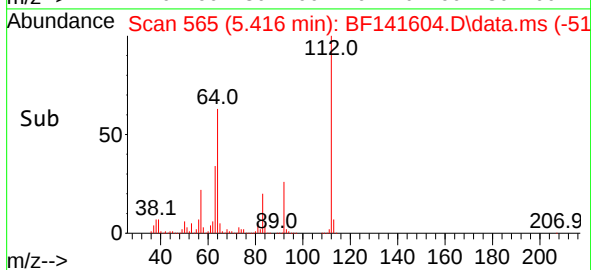
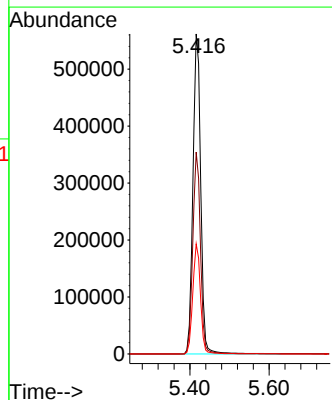
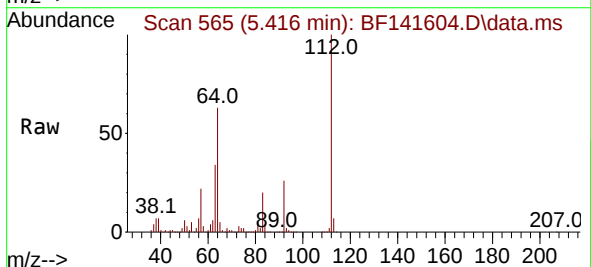
Instrument :
BNA_F
ClientSampleId :
PB166698BL

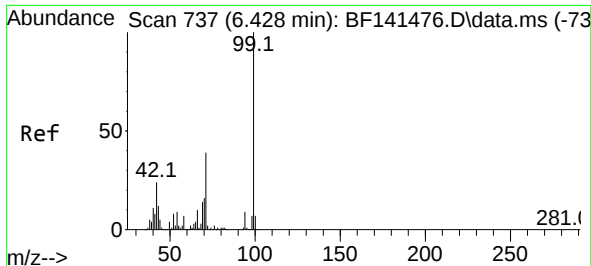
Tgt Ion:152 Resp: 87878
Ion Ratio Lower Upper
152 100
150 156.9 125.0 187.4
115 64.0 53.6 80.4



#5
2-Fluorophenol
Concen: 136.856 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33

Tgt Ion:112 Resp: 767130
Ion Ratio Lower Upper
112 100
64 63.1 51.1 76.7
63 34.4 28.4 42.6

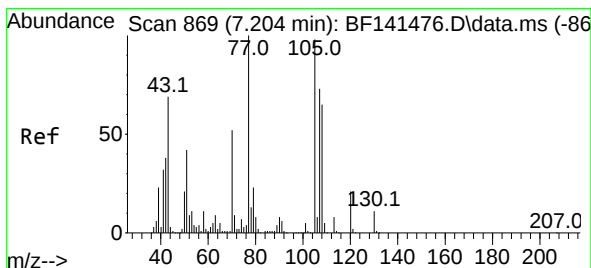
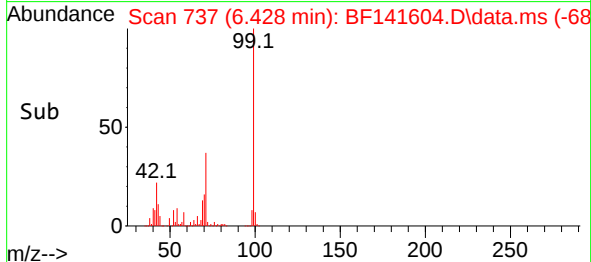
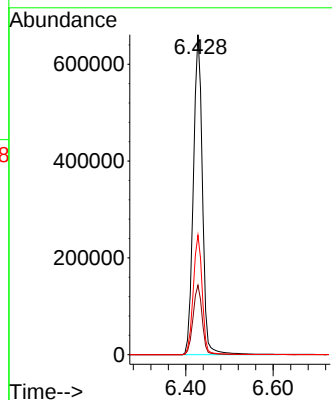
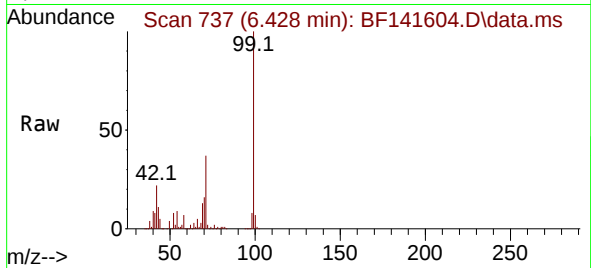




#7
Phenol-d6
Concen: 135.047 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33

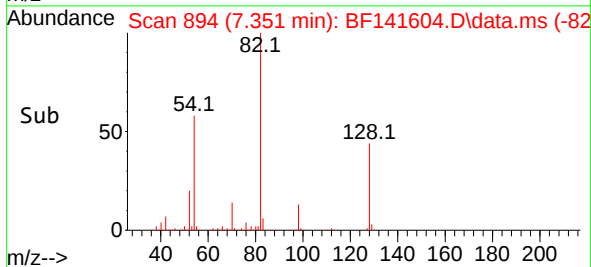
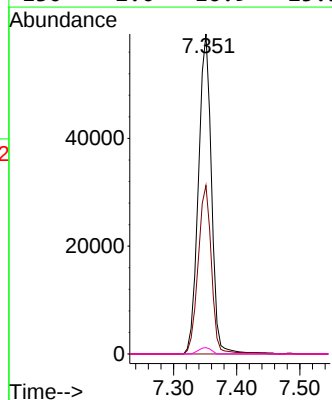
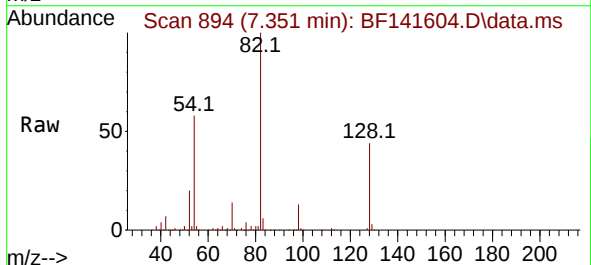
Instrument :
BNA_F
ClientSampleId :
PB166698BL

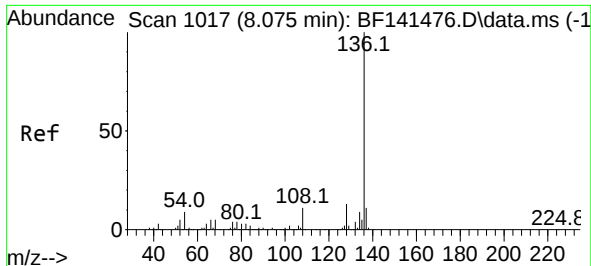
Tgt Ion: 99 Resp: 956775
Ion Ratio Lower Upper
99 100
42 21.7 19.1 28.7
71 37.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.158 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33

Tgt Ion: 70 Resp: 85428
Ion Ratio Lower Upper
70 100
42 52.7 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

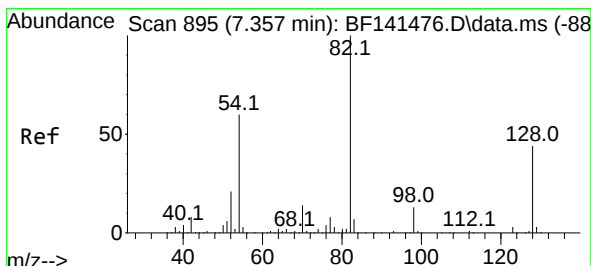
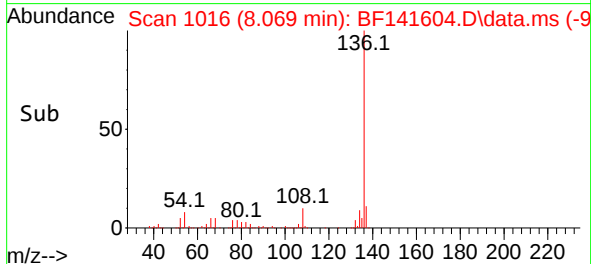
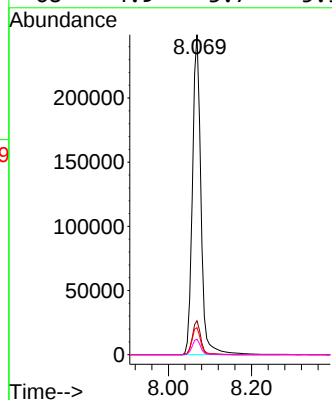
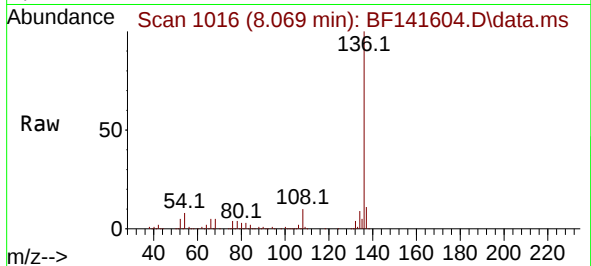




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33

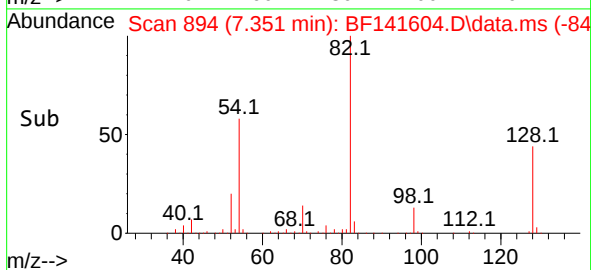
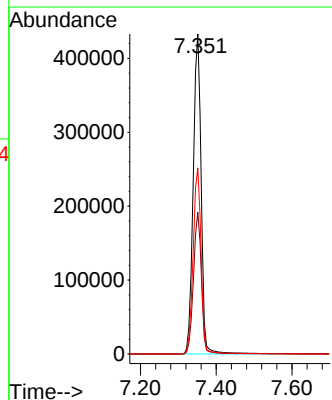
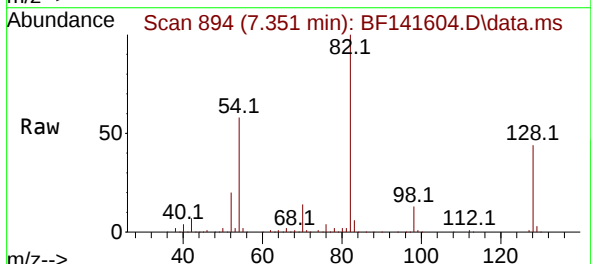
Instrument :
BNA_F
ClientSampleId :
PB166698BL

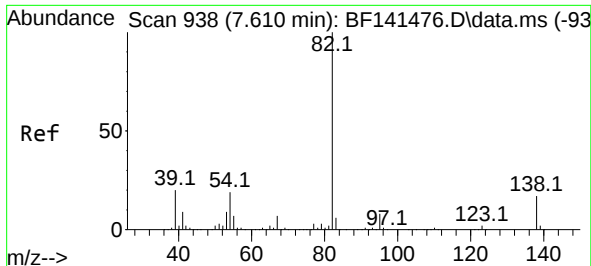
Tgt Ion:136 Resp: 353159
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 7.2 10.8
68 4.9 3.7 5.5



#23
Nitrobenzene-d5
Concen: 93.301 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33

Tgt Ion: 82 Resp: 631735
Ion Ratio Lower Upper
82 100
128 44.2 34.8 52.2
54 58.1 48.2 72.4

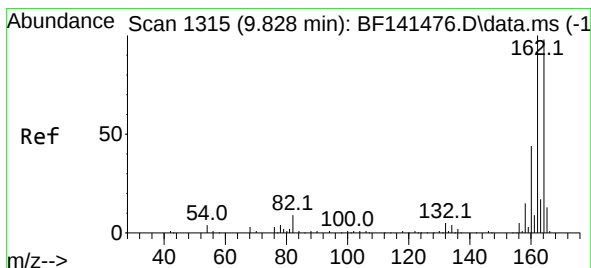
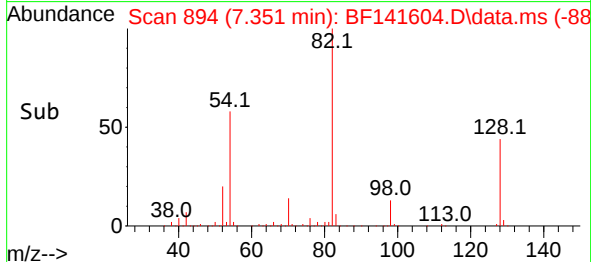
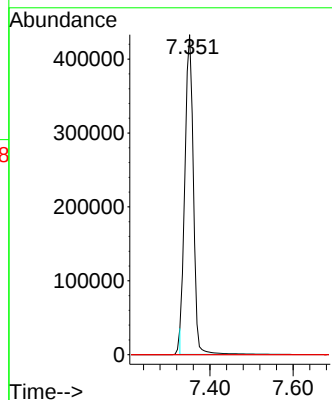
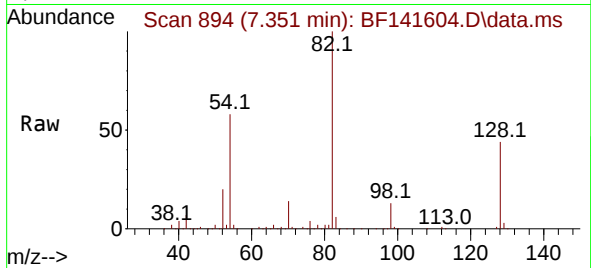




#25
Isophorone
Concen: 56.572 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33

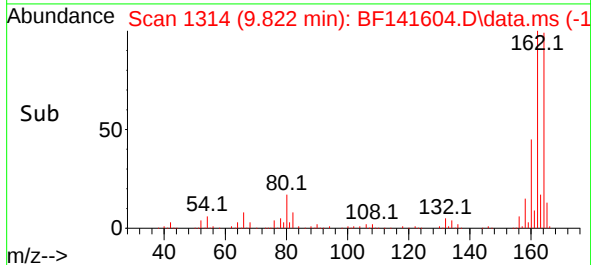
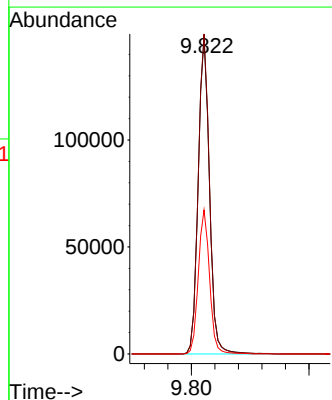
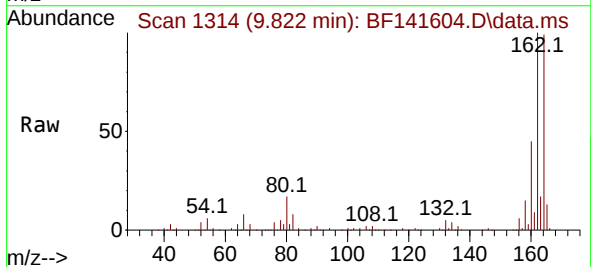
Instrument :
BNA_F
ClientSampleId :
PB166698BL

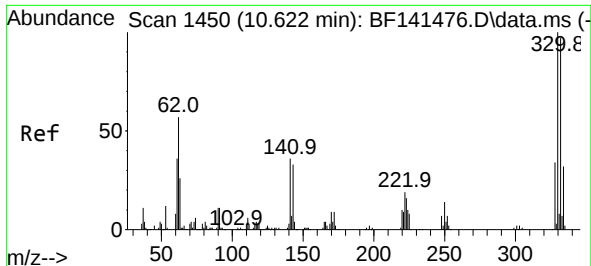
Tgt Ion: 82 Resp: 610748
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33

Tgt Ion:164 Resp: 197361
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 45.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 137.779 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141604.D

Acq: 13 Feb 2025 10:33

Instrument :

BNA_F

ClientSampleId :

PB166698BL

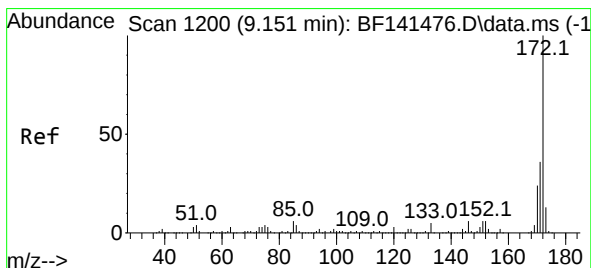
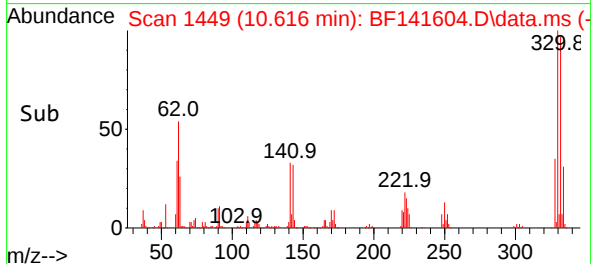
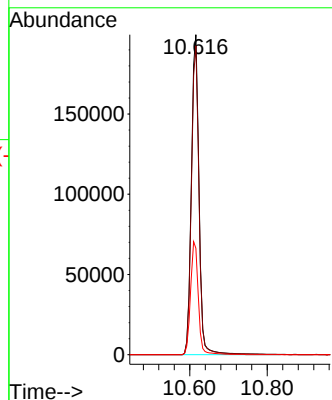
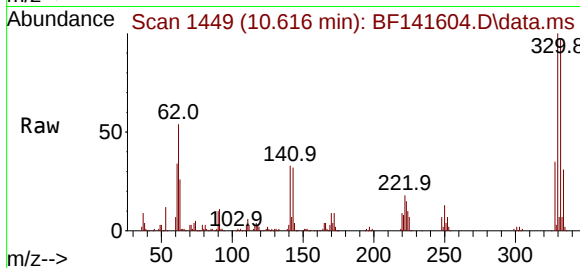
Tgt Ion:330 Resp: 273158

Ion Ratio Lower Upper

330 100

332 96.1 78.5 117.7

141 35.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 94.256 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141604.D

Acq: 13 Feb 2025 10:33

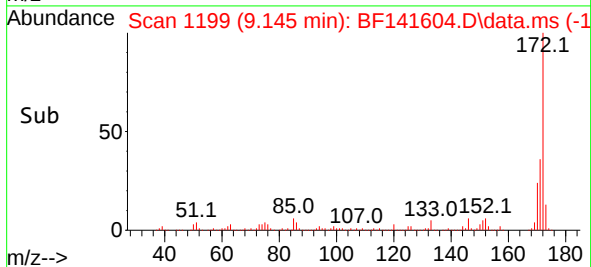
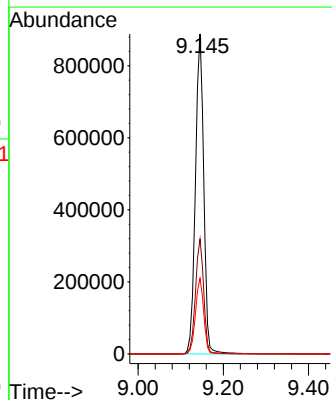
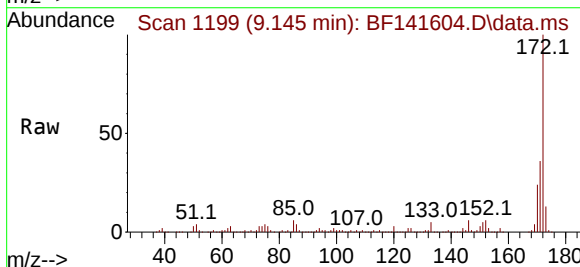
Tgt Ion:172 Resp: 1207452

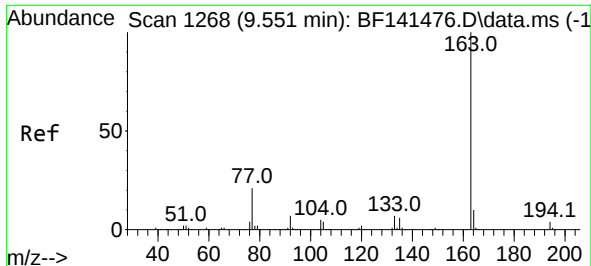
Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.6 18.9 28.3

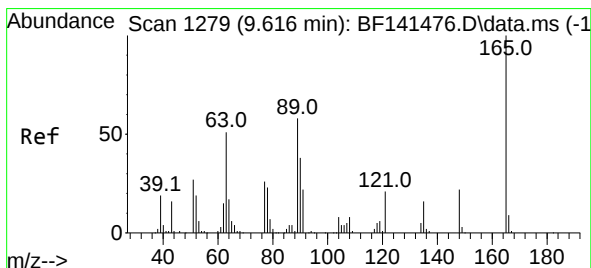
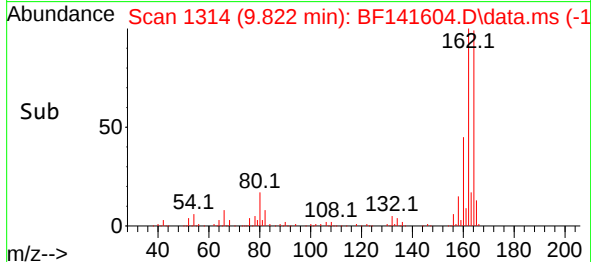
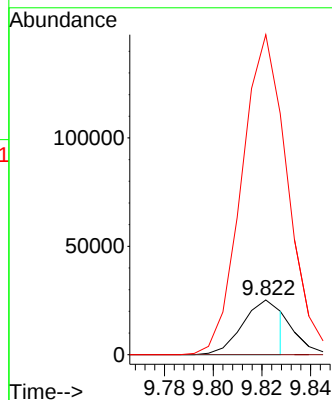
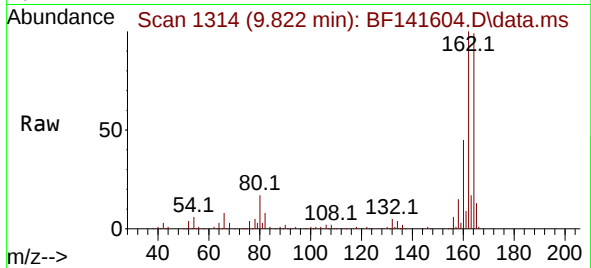




#50
Dimethylphthalate
Concen: 2.100 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33

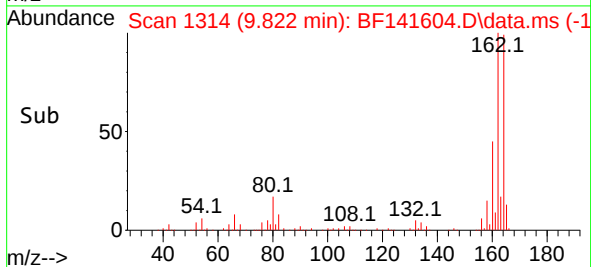
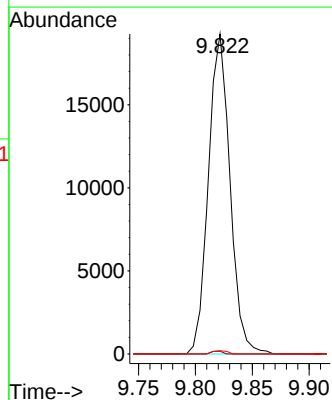
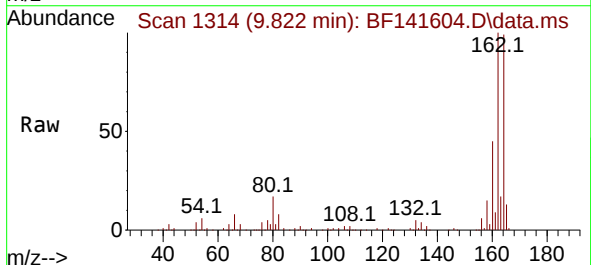
Instrument :
BNA_F
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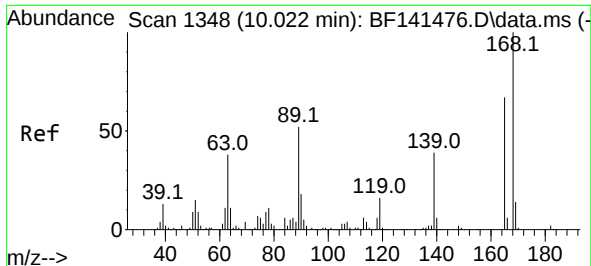
Tgt Ion:163 Resp: 28143
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 584.8 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.709 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33

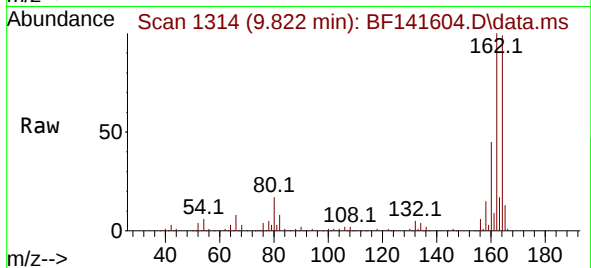
Tgt Ion:165 Resp: 25508
Ion Ratio Lower Upper
165 100
63 0.8 49.4 74.0#
89 1.0 46.5 69.7#



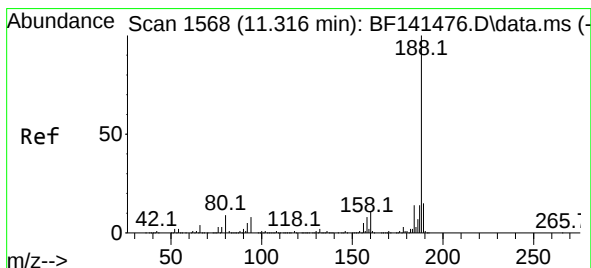
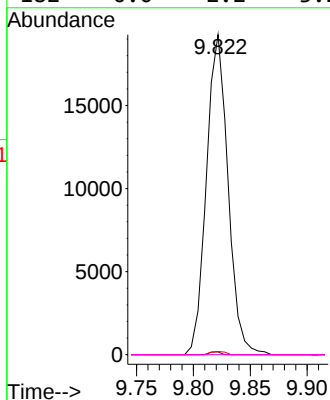
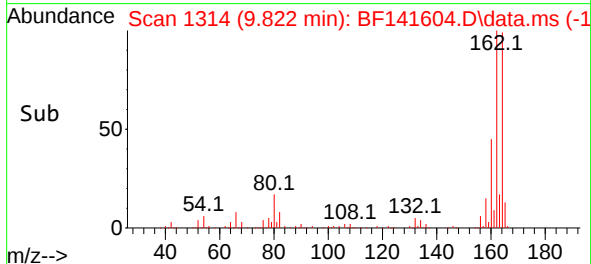


#57
2,4-Dinitrotoluene
Concen: 6.542 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33

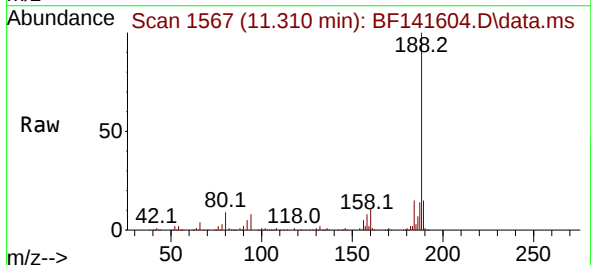
Instrument :
BNA_F
ClientSampleId :
PB166698BL



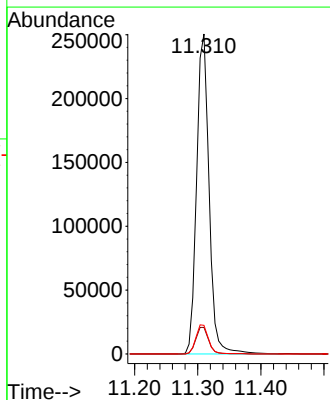
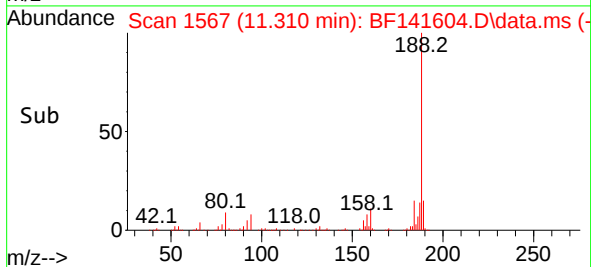
Tgt Ion:165 Resp: 25508
Ion Ratio Lower Upper
165 100
63 0.8 46.4 69.6#
89 1.0 61.8 92.6#
182 0.0 2.2 3.2#

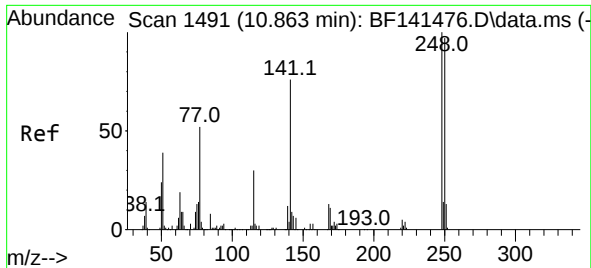


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33



Tgt Ion:188 Resp: 342943
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.0 7.3 10.9

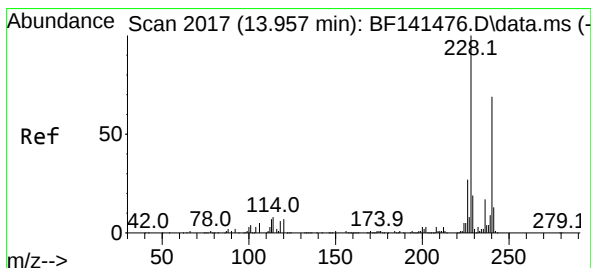
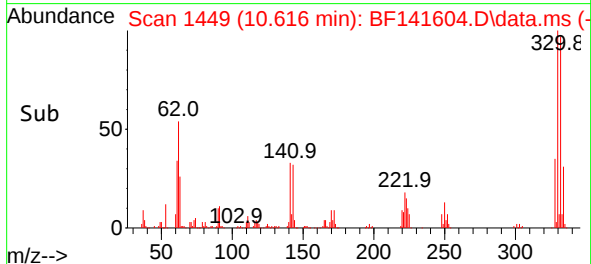
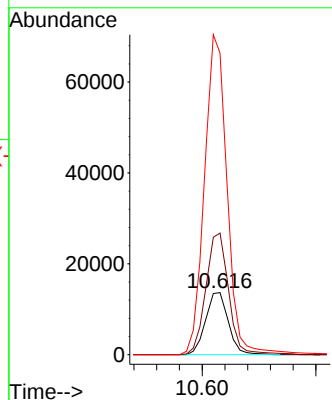
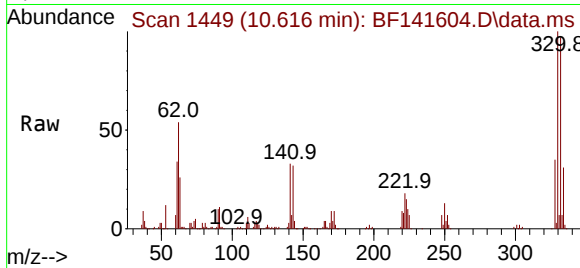




#67
4-Bromophenyl-phenylether
Concen: 4.938 ng
RT: 10.616 min Scan# 1491
Delta R.T. -0.247 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33

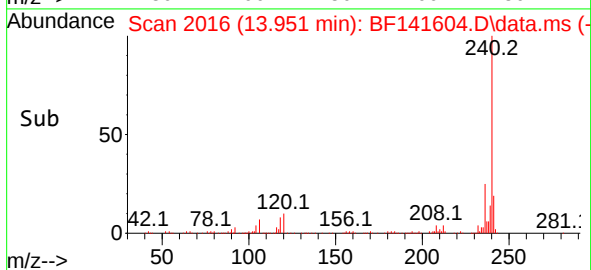
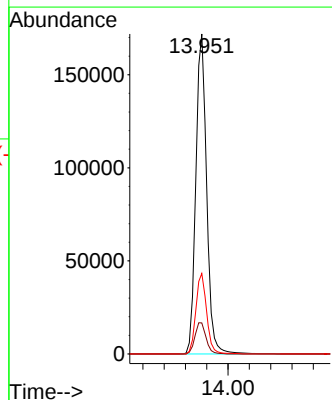
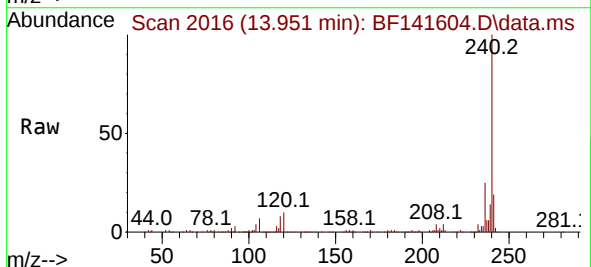
Instrument :
BNA_F
ClientSampleId :
PB166698BL

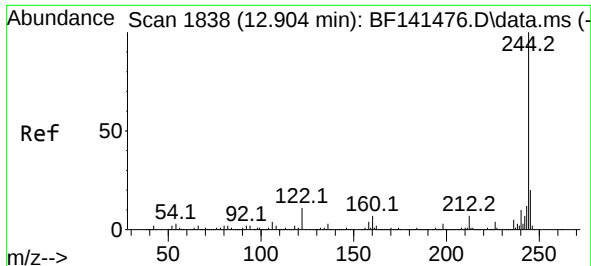
Tgt Ion:248 Resp: 18927
Ion Ratio Lower Upper
248 100
250 195.7 77.8 116.6#
141 484.9 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141604.D
Acq: 13 Feb 2025 10:33

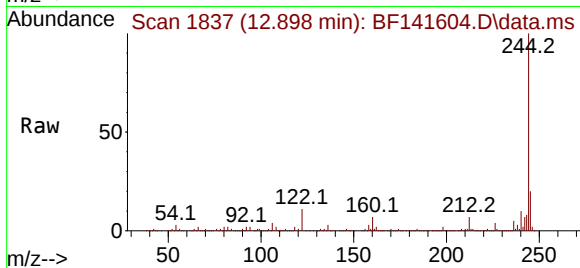
Tgt Ion:240 Resp: 241718
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.2 19.8 29.8



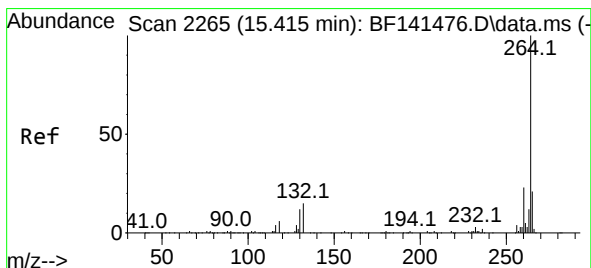
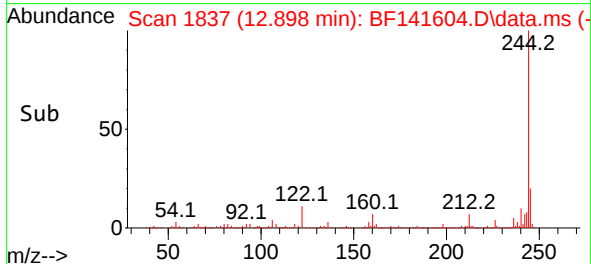
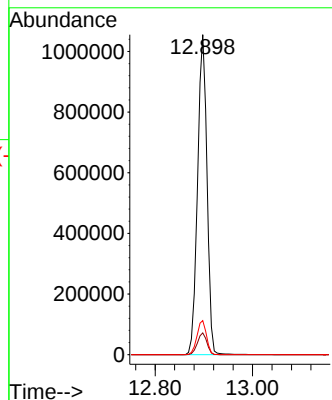


#79
 Terphenyl-d14
 Concen: 99.683 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141604.D
 Acq: 13 Feb 2025 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB166698BL



Tgt Ion:244 Resp: 1427293
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.012 min
 Lab File: BF141604.D
 Acq: 13 Feb 2025 10:33

Tgt Ion:264 Resp: 185798
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.7 17.0 25.4

