

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136678.D
 Acq On : 22 Dec 2023 10:34
 Operator : CG\JU
 Sample : PB157642BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157642BL

Quant Time: Dec 22 10:57:02 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)

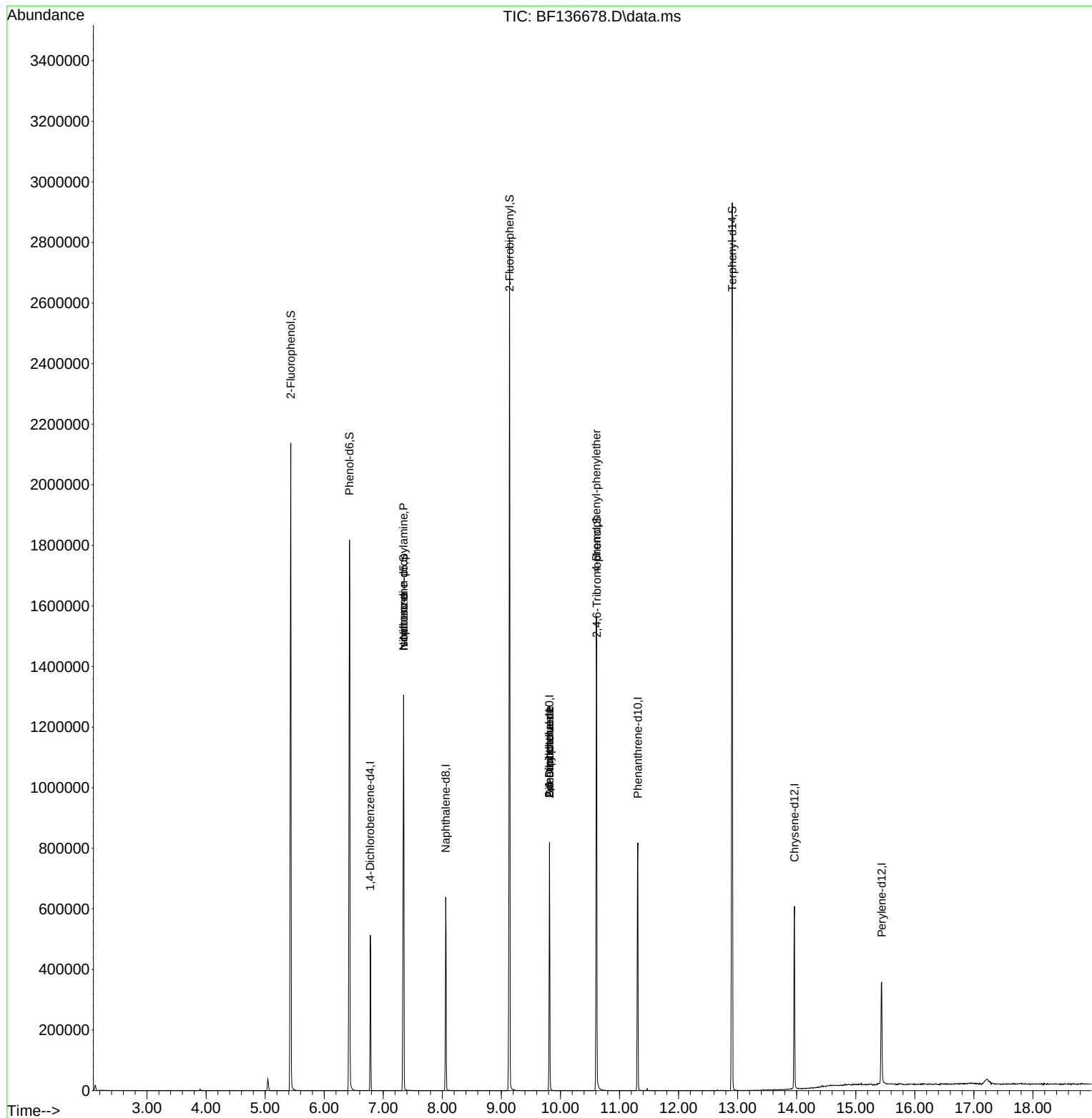
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75650	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	293142	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	153329	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	312120	20.000	ng	0.00
76) Chrysene-d12	13.963	240	213016	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	171287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	585734	120.808	ng	0.00
7) Phenol-d6	6.428	99	752810	119.827	ng	-0.01
23) Nitrobenzene-d5	7.345	82	466012	81.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	217756	120.588	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	925593	81.192	ng	-0.01
79) Terphenyl-d14	12.910	244	1098339	72.055	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	60921	15.997	ng	# 75
25) Isophorone	7.345	82	463588	44.474	ng	# 65
50) Dimethylphthalate	9.816	163	30993	2.767	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	18973	7.465	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	18973	5.750	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	12849	3.707	ng	# 1

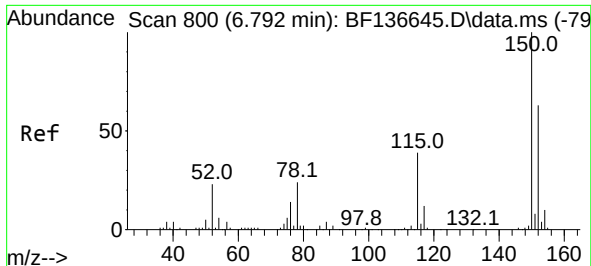
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
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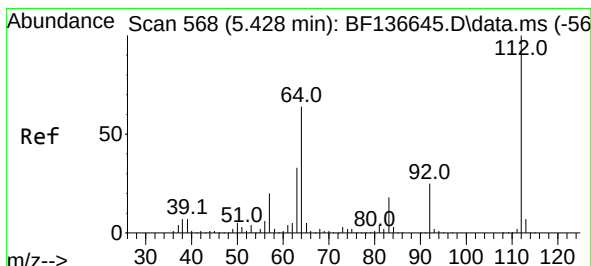
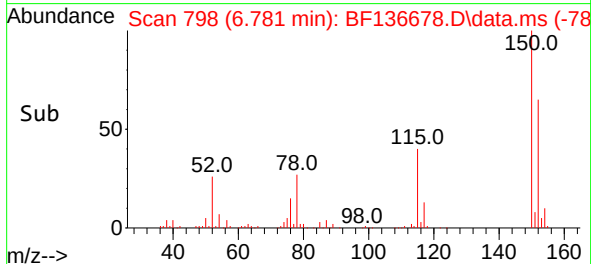
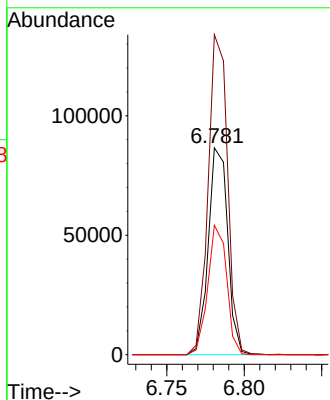
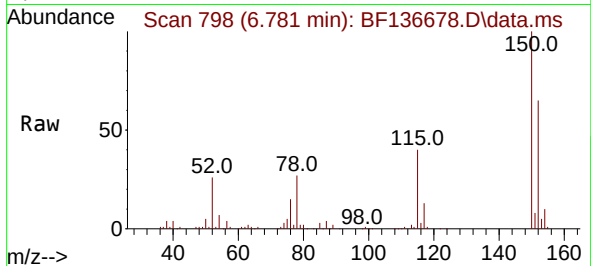




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

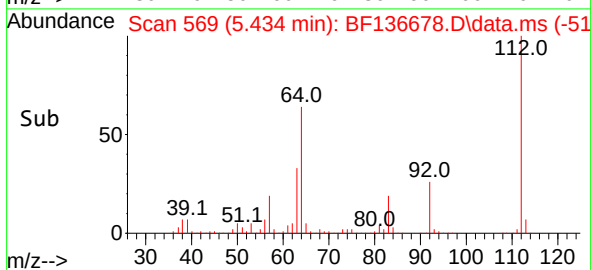
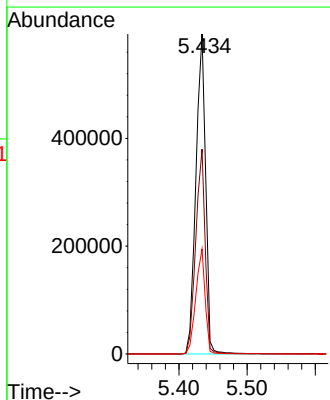
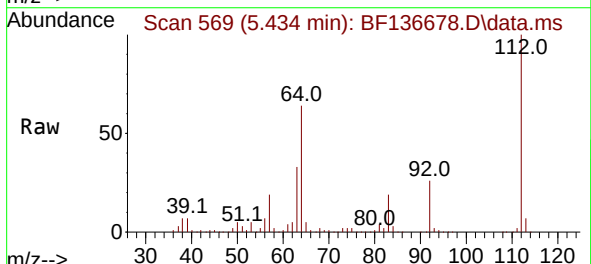
Instrument :
BNA_F
ClientSampleId :
PB157642BL

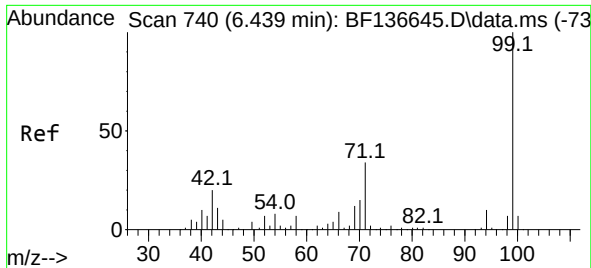
Tgt Ion:152 Resp: 75650
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 62.6 49.0 73.4



#5
2-Fluorophenol
Concen: 120.808 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

Tgt Ion:112 Resp: 585734
Ion Ratio Lower Upper
112 100
64 64.0 51.1 76.7
63 32.8 26.1 39.1

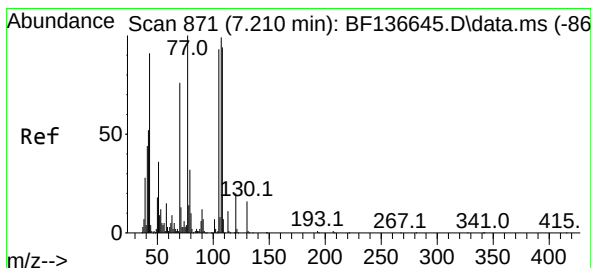
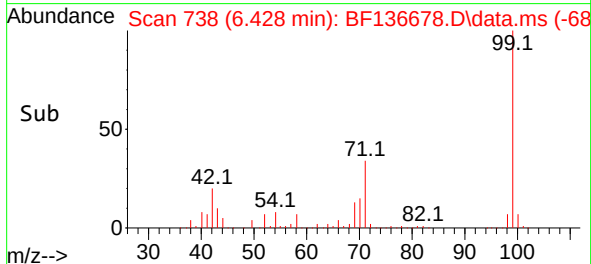
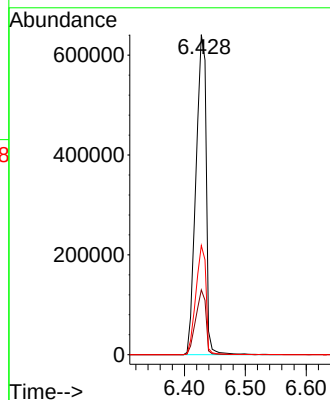
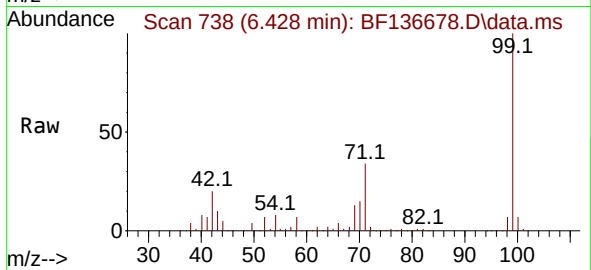




#7
Phenol-d6
Concen: 119.827 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

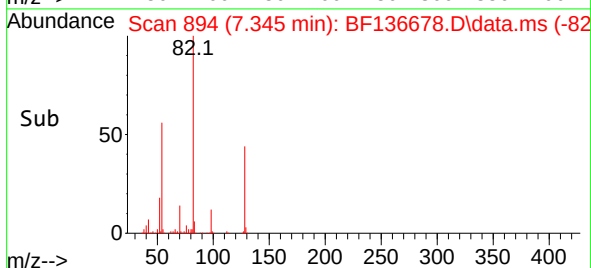
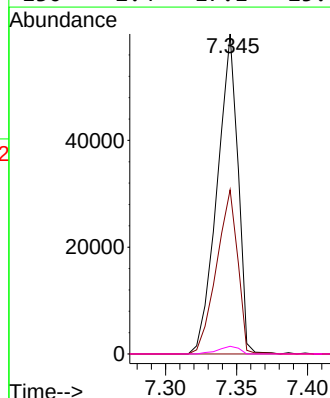
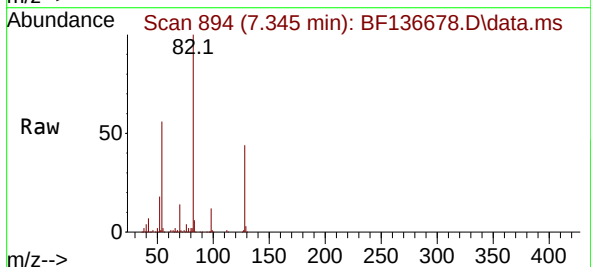
Instrument :
BNA_F
ClientSampleId :
PB157642BL

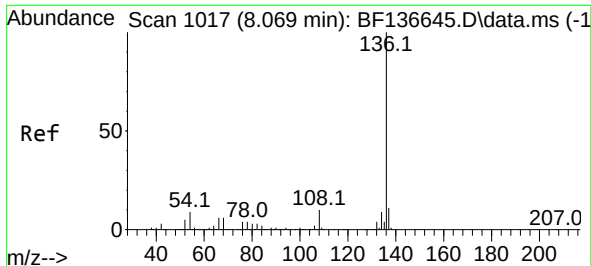
Tgt Ion: 99 Resp: 752810
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 34.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.997 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

Tgt Ion: 70 Resp: 60921
Ion Ratio Lower Upper
70 100
42 51.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

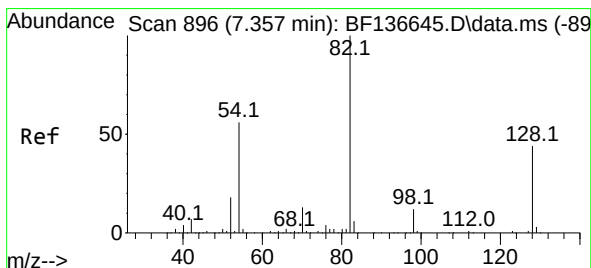
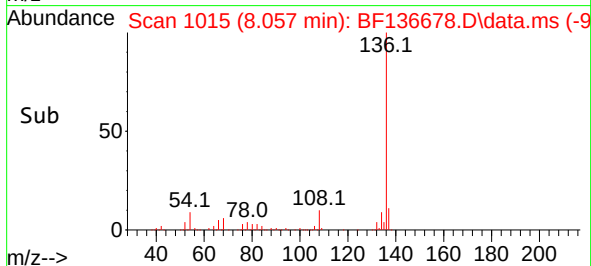
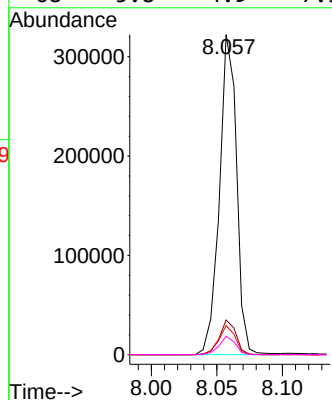
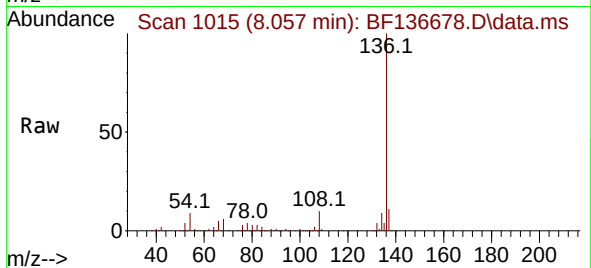
Instrument :

BNA_F

ClientSampleId :

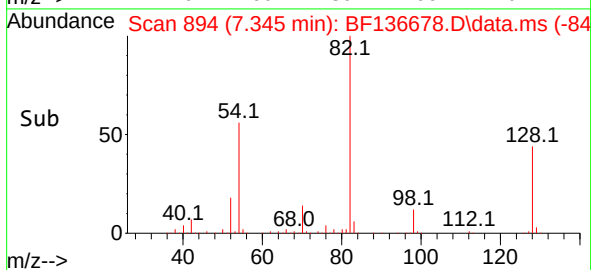
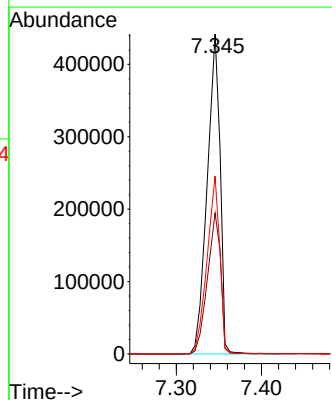
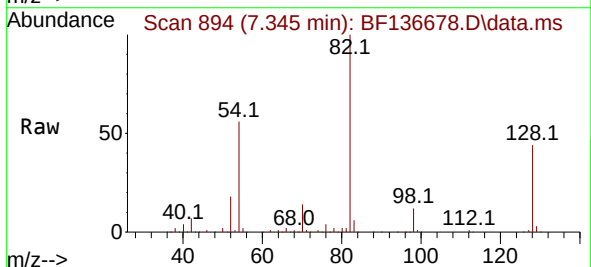
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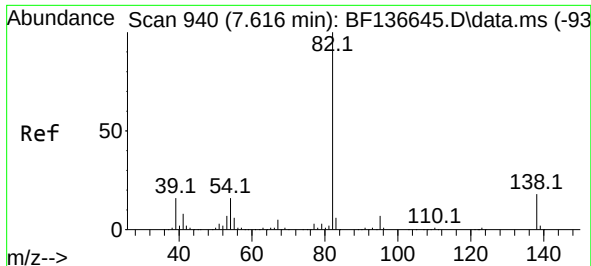
Tgt Ion:136 Resp: 293142
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.1 7.2 10.8
68 5.8 4.9 7.3



#23
Nitrobenzene-d5
Concen: 81.347 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

Tgt Ion: 82 Resp: 466012
Ion Ratio Lower Upper
82 100
128 44.0 35.3 52.9
54 55.5 44.5 66.7

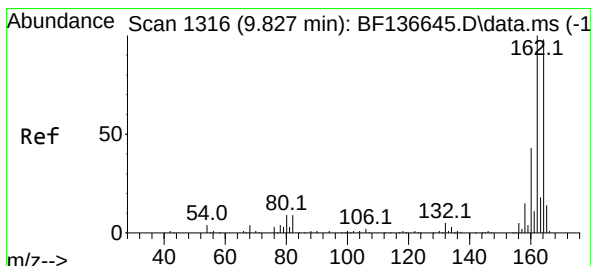
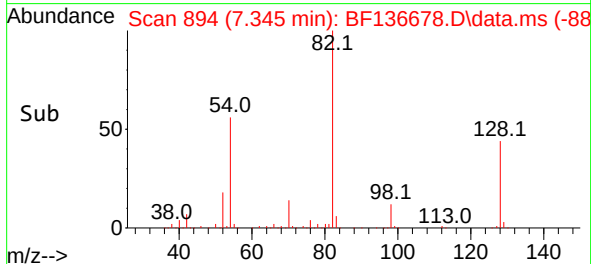
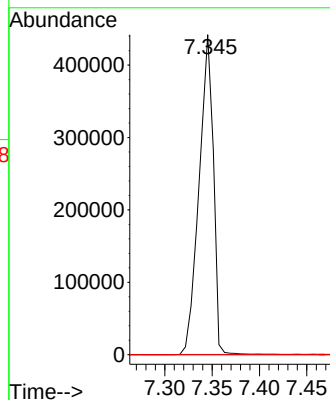
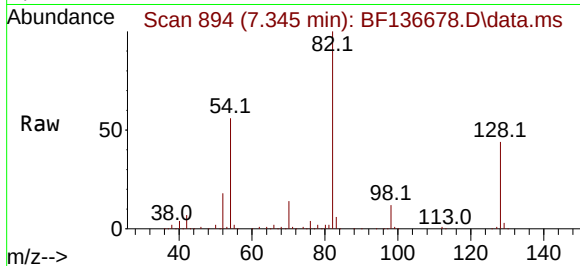




#25
Isophorone
Concen: 44.474 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

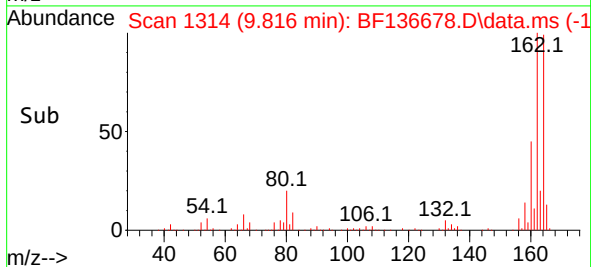
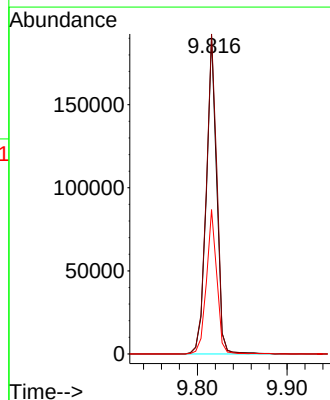
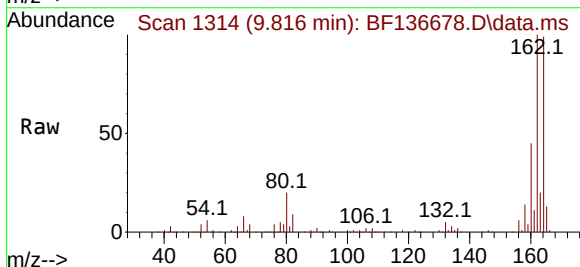
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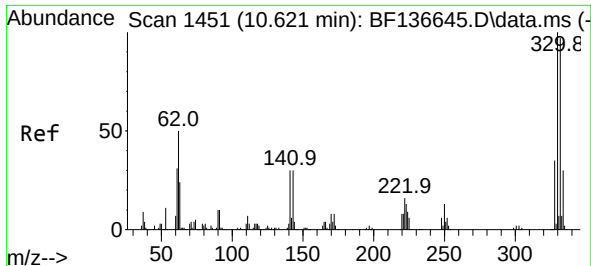
Tgt Ion: 82 Resp: 463588
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

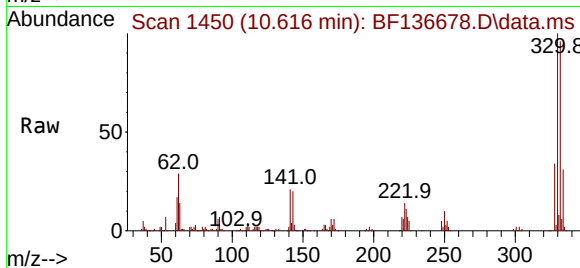
Tgt Ion:164 Resp: 153329
Ion Ratio Lower Upper
164 100
162 100.8 81.6 122.4
160 45.5 34.9 52.3



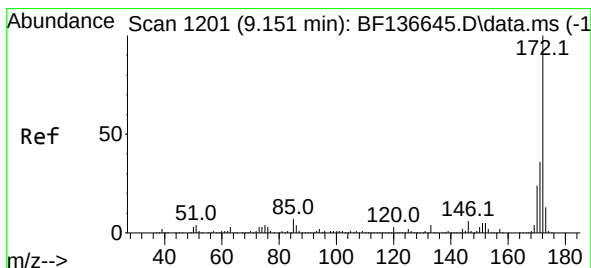
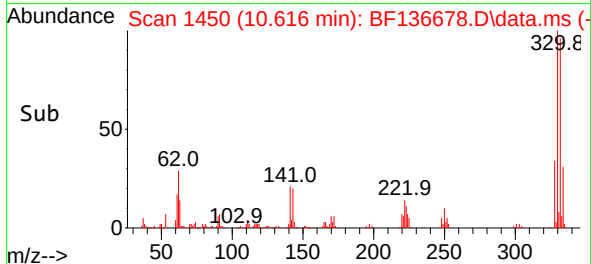
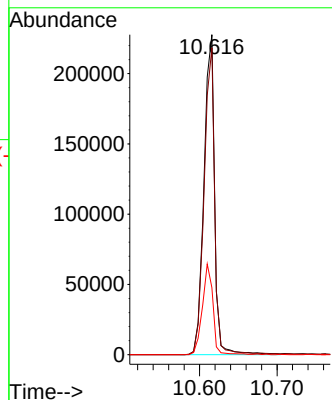


#42
2,4,6-Tribromophenol
Concen: 120.588 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

Instrument :
BNA_F
ClientSampleId :
PB157642BL

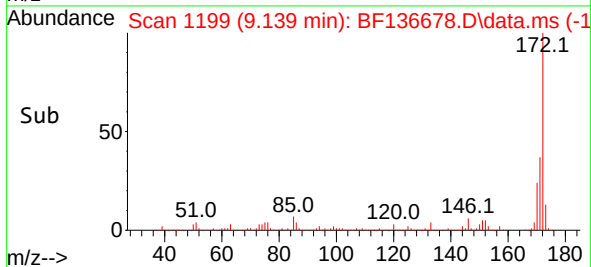
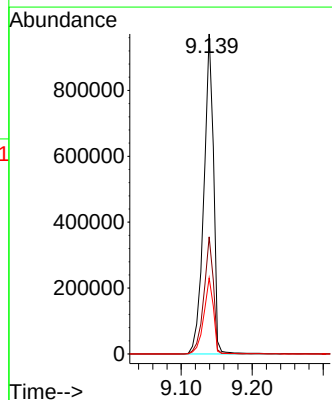
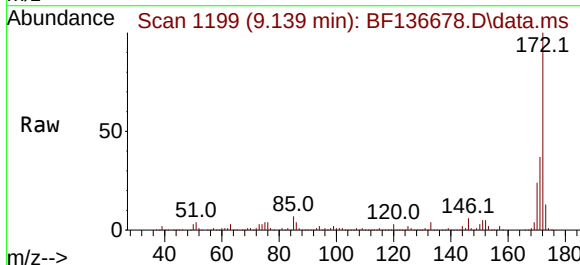


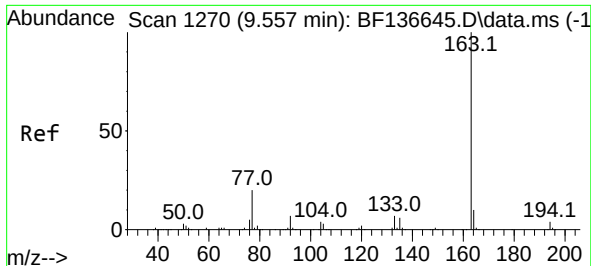
Tgt Ion:330 Resp: 217756
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 27.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.192 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

Tgt Ion:172 Resp: 925593
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.6
170 23.8 19.0 28.4

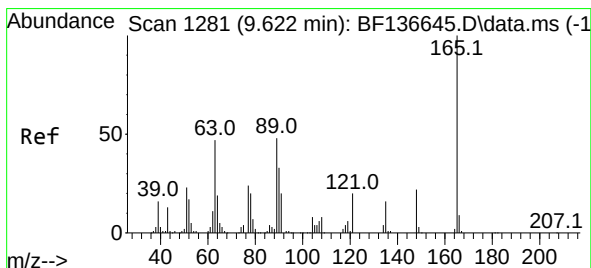
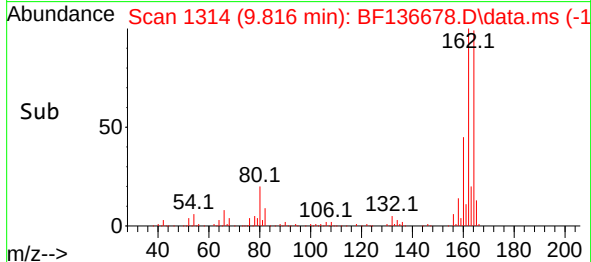
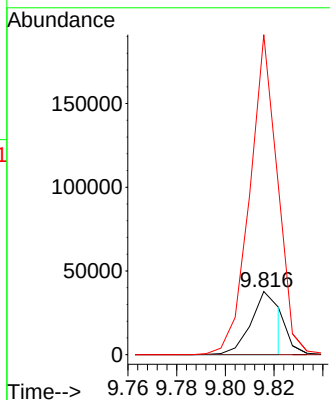
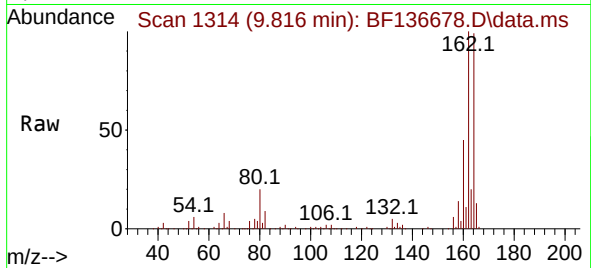




#50
Dimethylphthalate
Concen: 2.767 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

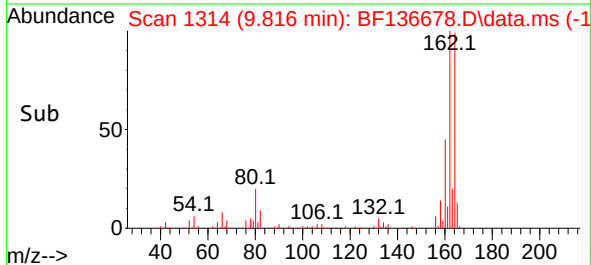
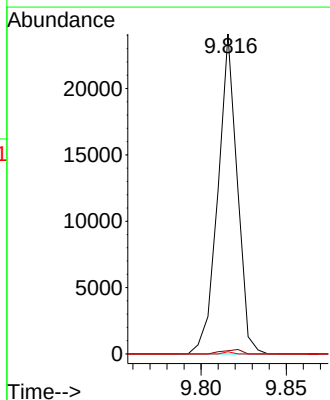
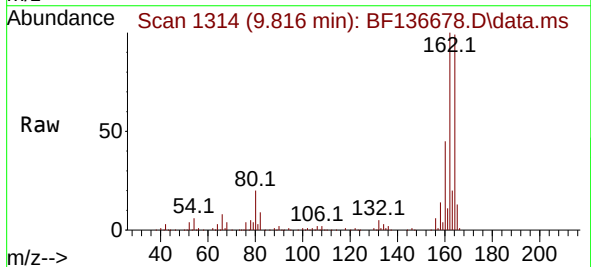
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ClientSampleId :
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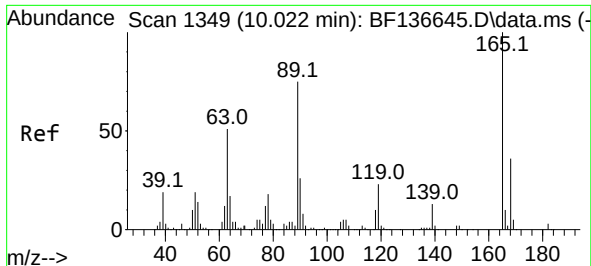
Tgt Ion:163 Resp: 30993
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 506.0 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.465 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

Tgt Ion:165 Resp: 18973
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 0.7 38.8 58.2#

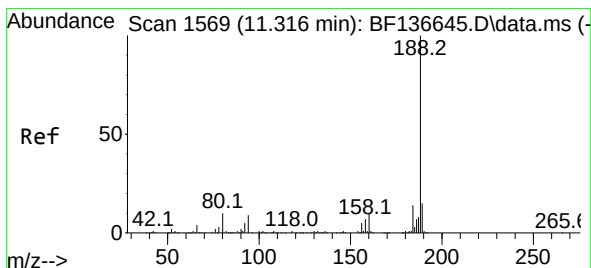
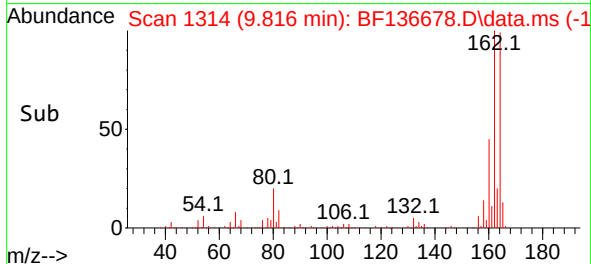
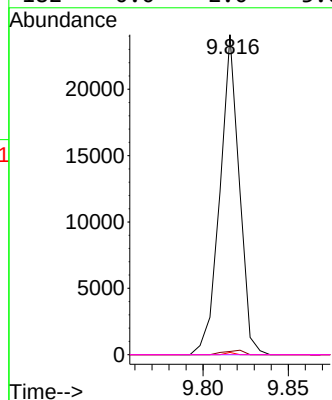
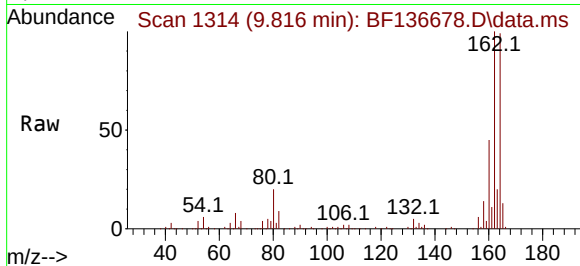




#57
2,4-Dinitrotoluene
Concen: 5.750 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

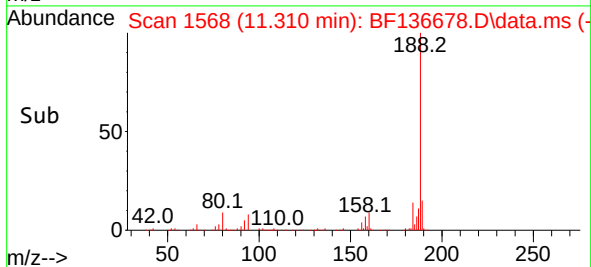
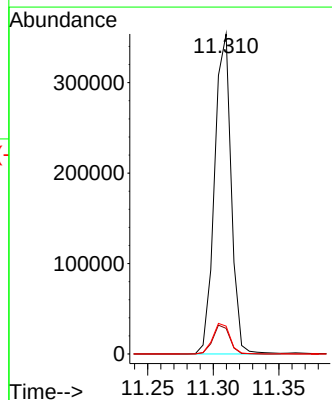
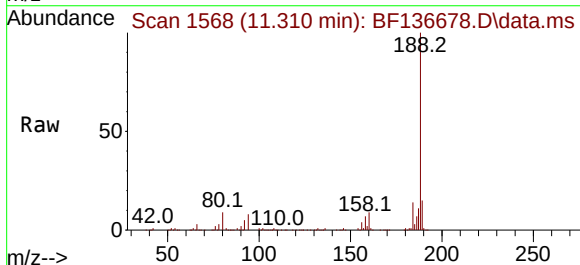
Instrument :
BNA_F
ClientSampleId :
PB157642BL

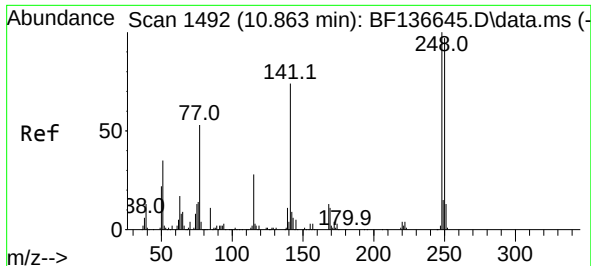
Tgt Ion:165 Resp: 18973
Ion Ratio Lower Upper
165 100
63 1.0 41.0 61.6#
89 0.7 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

Tgt Ion:188 Resp: 312120
Ion Ratio Lower Upper
188 100
94 8.0 7.5 11.3
80 8.7 8.1 12.1

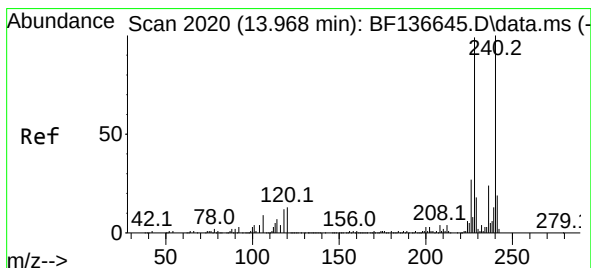
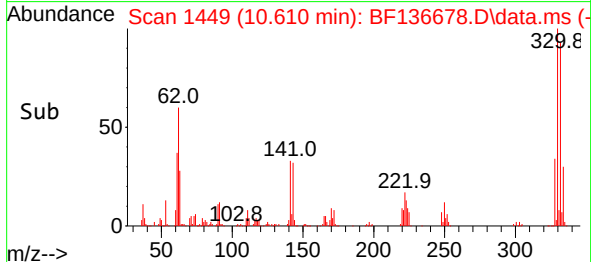
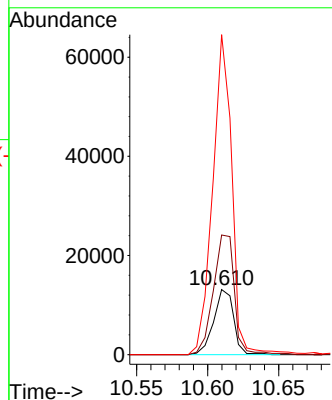
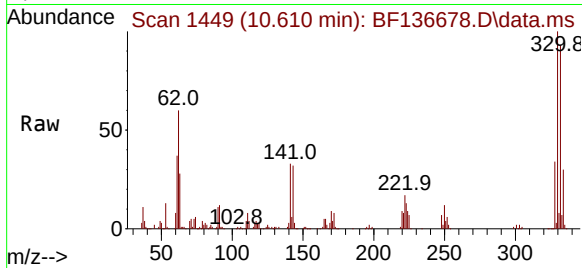




#67
4-Bromophenyl-phenylether
Concen: 3.707 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

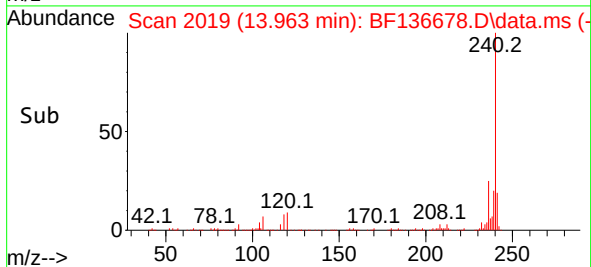
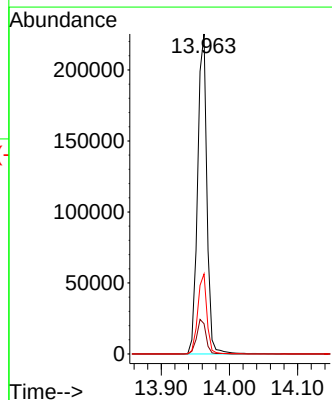
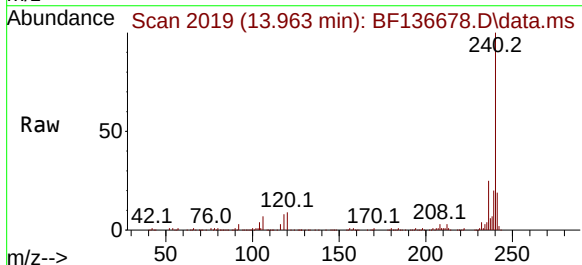
Instrument :
BNA_F
ClientSampleId :
PB157642BL

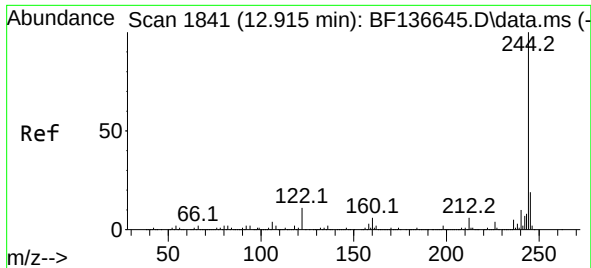
Tgt Ion:248 Resp: 12849
Ion Ratio Lower Upper
248 100
250 183.6 77.8 116.6#
141 490.8 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136678.D
Acq: 22 Dec 2023 10:34

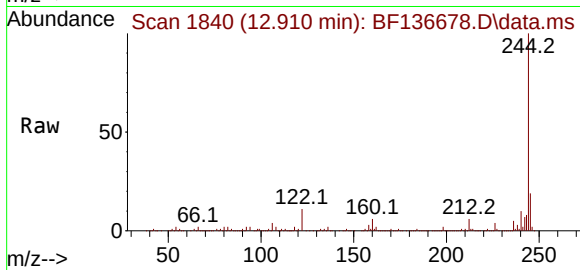
Tgt Ion:240 Resp: 213016
Ion Ratio Lower Upper
240 100
120 9.5 10.3 15.5#
236 25.0 19.4 29.2





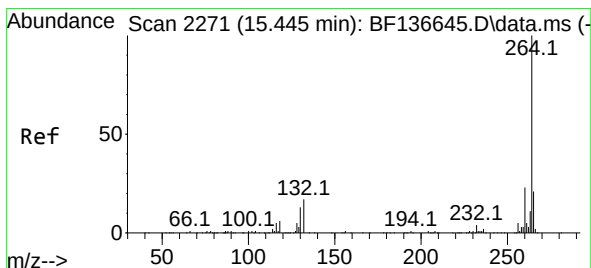
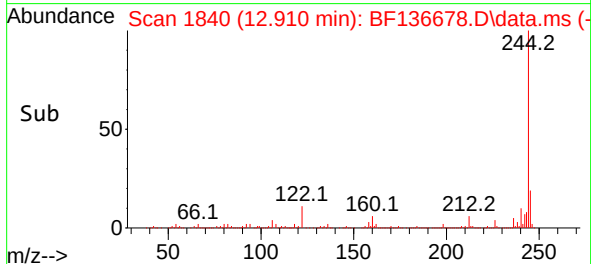
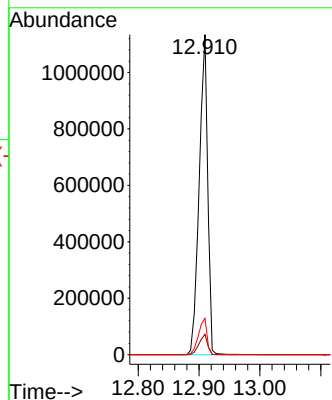
#79
 Terphenyl-d14
 Concen: 72.055 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF136678.D
 Acq: 22 Dec 2023 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB157642BL



Tgt Ion:244 Resp: 1098339

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	11.3	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: BF136678.D
 Acq: 22 Dec 2023 10:34

Tgt Ion:264 Resp: 171287

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	21.1	17.0	25.6

