

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141780.D
 Acq On : 26 Feb 2025 13:55
 Operator : RC/JU
 Sample : PB166875BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166875BL

Quant Time: Feb 26 14:15:56 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)

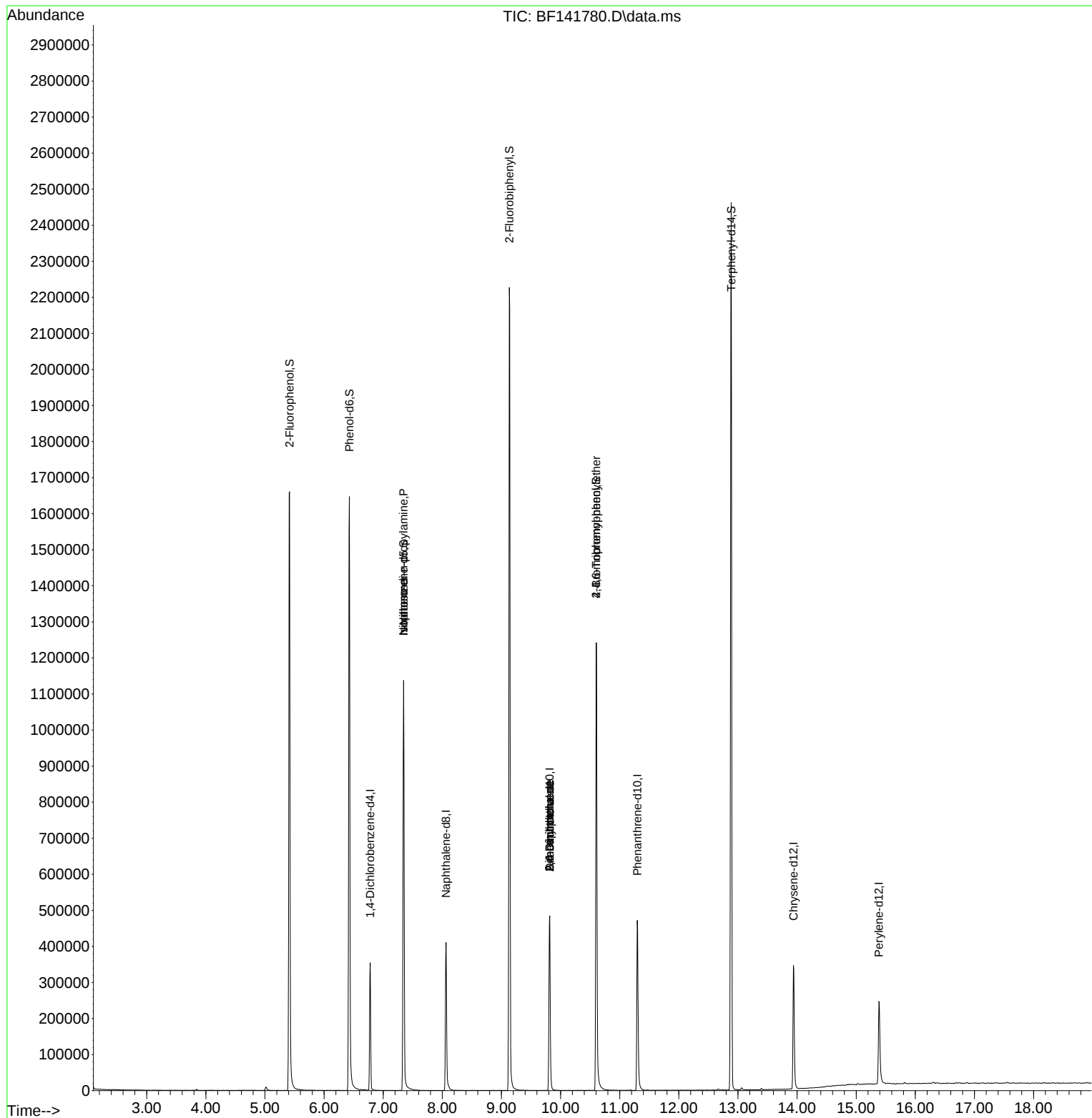
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76736	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	309972	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	172156	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	297565	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	205070	20.000	ng	-0.02
86) Perylene-d12	15.386	264	168978	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	690992	141.172	ng	0.00
7) Phenol-d6	6.428	99	838878	135.599	ng	-0.01
23) Nitrobenzene-d5	7.345	82	543627	91.475	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	229764	132.859	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	1079942	96.645	ng	-0.02
79) Terphenyl-d14	12.886	244	1286585	105.914	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	72431	19.573	ng	# 71
25) Isophorone	7.345	82	530198	55.953	ng	# 66
50) Dimethylphthalate	9.816	163	23526	2.013	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	22382	8.760	ng	# 21
57) 2,4-Dinitrotoluene	9.816	165	22382	6.581	ng	# 17
67) 4-Bromophenyl-phenylether	10.604	248	15627	4.699	ng	# 1

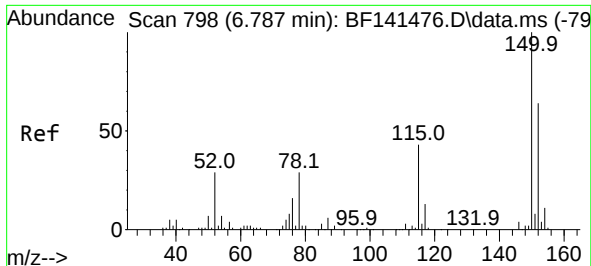
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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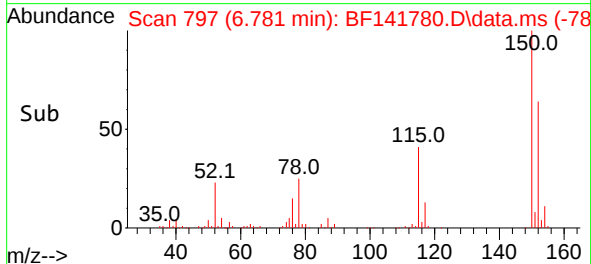
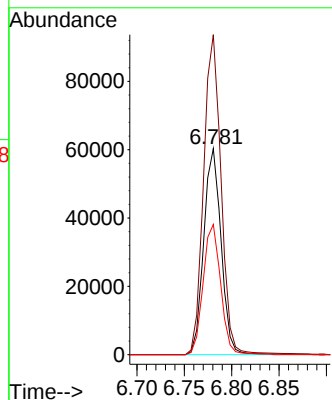
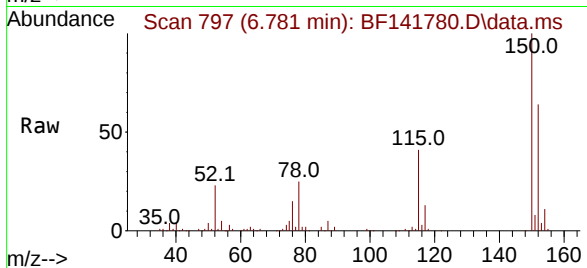




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141780.D
 Acq: 26 Feb 2025 13:55

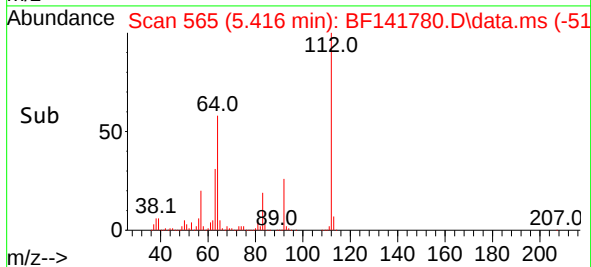
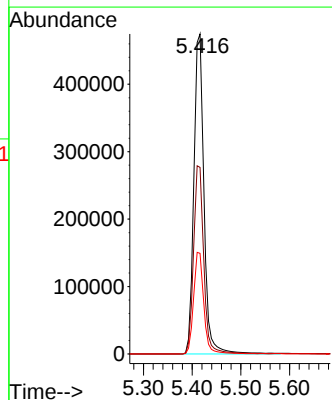
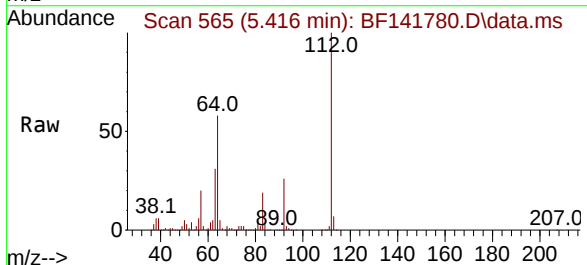
Instrument :
 BNA_F
 ClientSampleId :
 PB166875BL

Tgt Ion:152 Resp: 76736
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.0 187.4
 115 63.2 53.6 80.4



#5
 2-Fluorophenol
 Concen: 141.172 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141780.D
 Acq: 26 Feb 2025 13:55

Tgt Ion:112 Resp: 690992
 Ion Ratio Lower Upper
 112 100
 64 58.3 51.1 76.7
 63 31.4 28.4 42.6

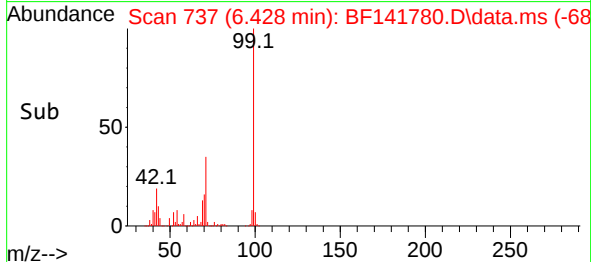
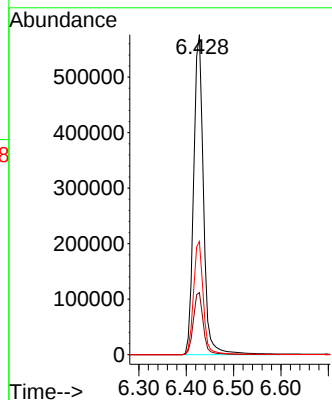
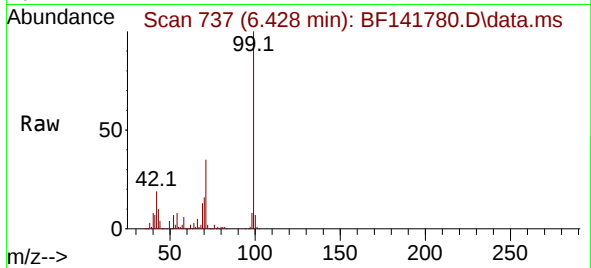




#7
Phenol-d6
Concen: 135.599 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141780.D
Acq: 26 Feb 2025 13:55

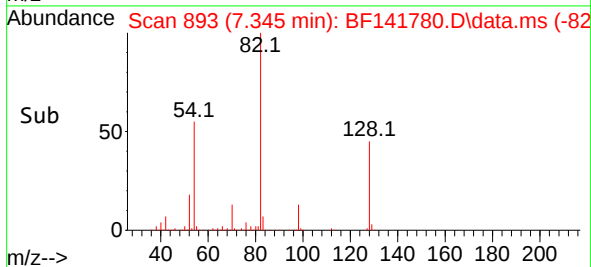
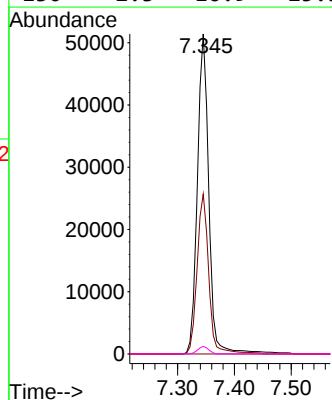
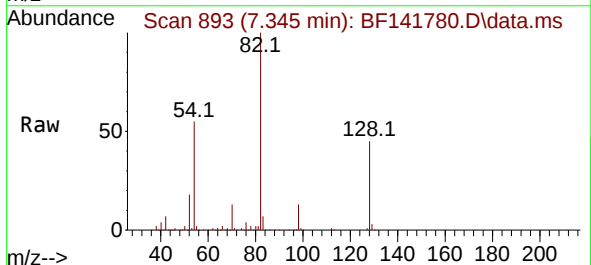
Instrument :
BNA_F
ClientSampleId :
PB166875BL

Tgt Ion: 99 Resp: 838878
Ion Ratio Lower Upper
99 100
42 19.4 19.1 28.7
71 35.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.573 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF141780.D
Acq: 26 Feb 2025 13:55

Tgt Ion: 70 Resp: 72431
Ion Ratio Lower Upper
70 100
42 50.0 57.4 86.2#
101 0.0 8.0 12.0#
130 2.3 16.9 25.3#

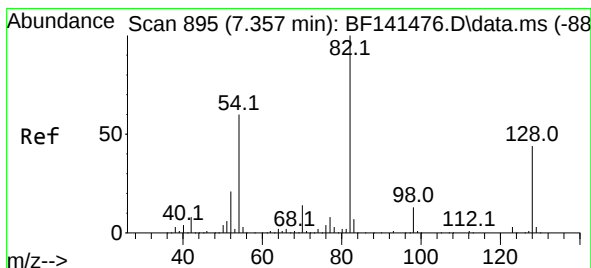
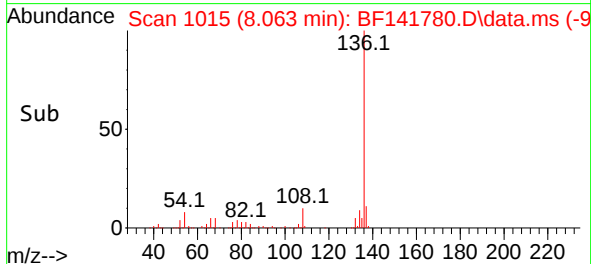
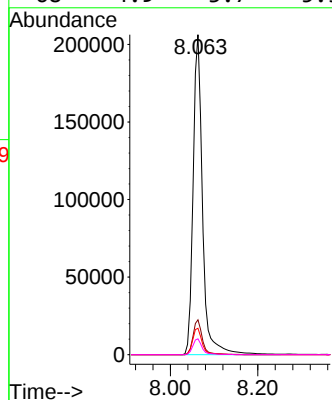
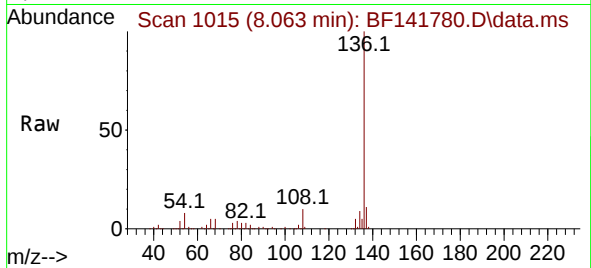




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141780.D
Acq: 26 Feb 2025 13:55

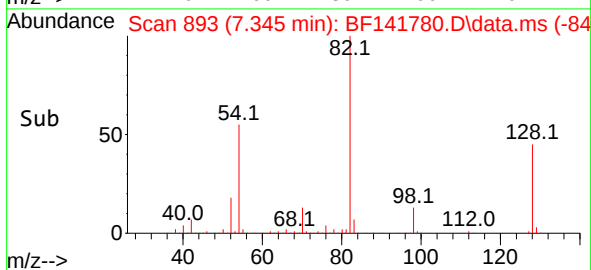
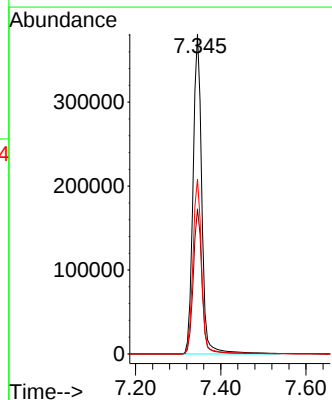
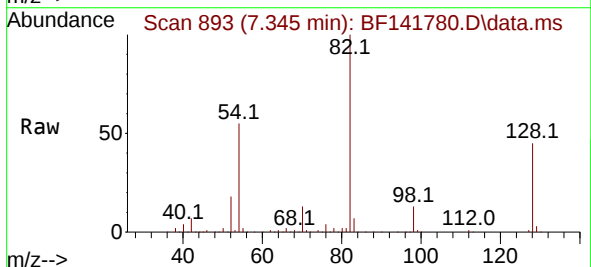
Instrument :
BNA_F
ClientSampleId :
PB166875BL

Tgt Ion:136 Resp: 309972
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 7.2 10.8
68 4.9 3.7 5.5



#23
Nitrobenzene-d5
Concen: 91.475 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF141780.D
Acq: 26 Feb 2025 13:55

Tgt Ion: 82 Resp: 543627
Ion Ratio Lower Upper
82 100
128 45.4 34.8 52.2
54 54.6 48.2 72.4

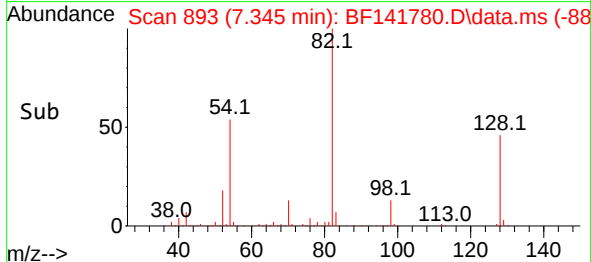
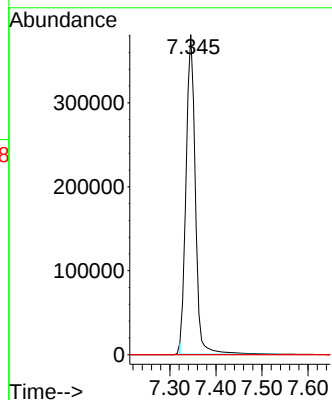
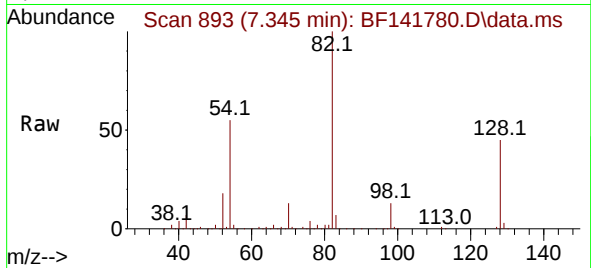




#25
Isophorone
Concen: 55.953 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141780.D
Acq: 26 Feb 2025 13:55

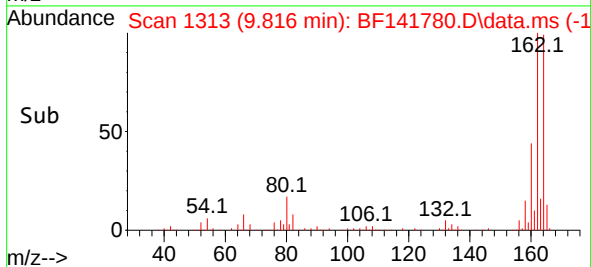
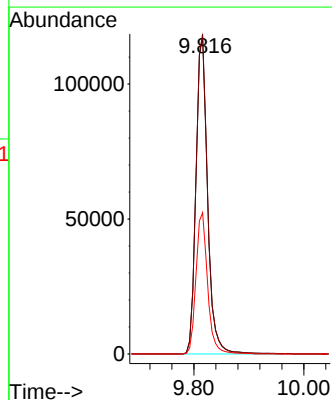
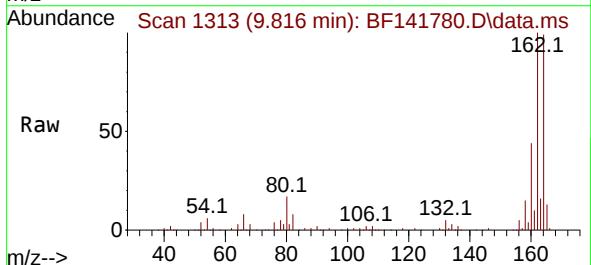
Instrument :
BNA_F
ClientSampleId :
PB166875BL

Tgt Ion: 82 Resp: 530198
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: 9.816 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF141780.D
Acq: 26 Feb 2025 13:55

Tgt Ion: 164 Resp: 172156
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 44.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 132.859 ng

RT: 10.604 min Scan# 1450

Delta R.T. -0.023 min

Lab File: BF141780.D

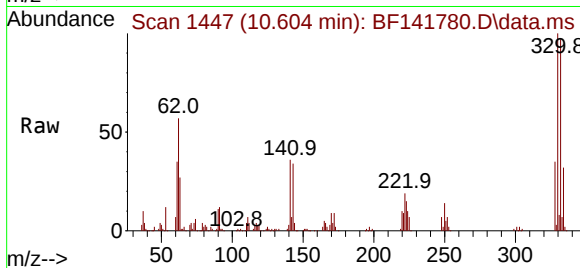
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Instrument :

BNA_F

ClientSampleId :

PB166875BL



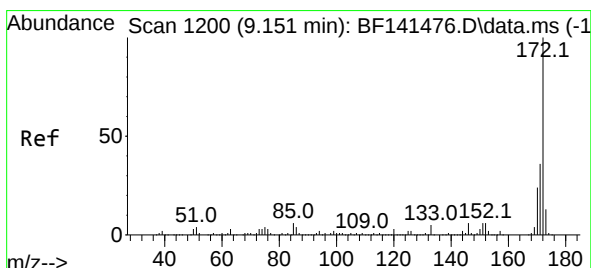
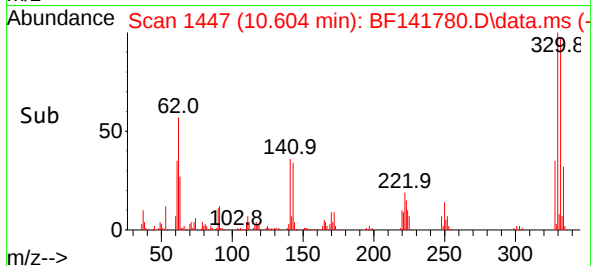
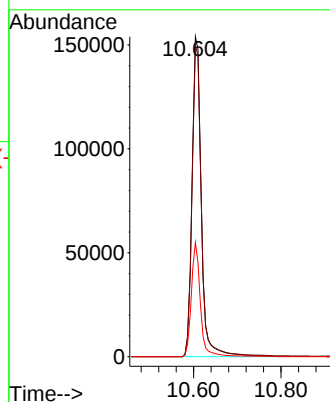
Tgt Ion:330 Resp: 229764

Ion Ratio Lower Upper

330 100

332 97.4 78.5 117.7

141 34.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 96.645 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141780.D

Acq: 26 Feb 2025 13:55

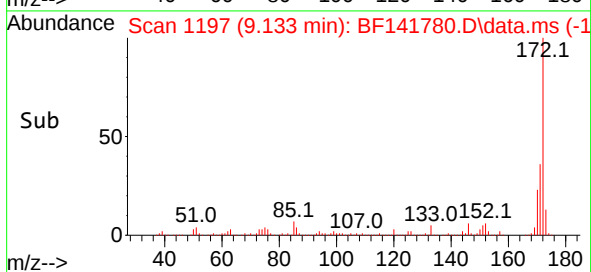
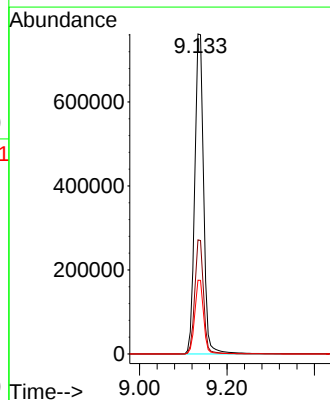
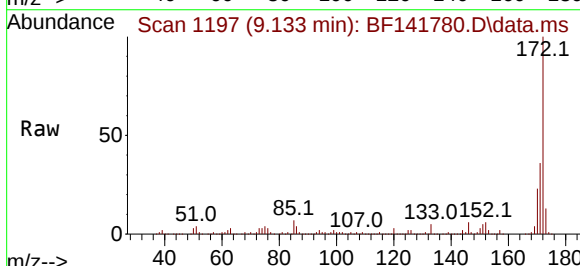
Tgt Ion:172 Resp: 1079942

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.1 18.9 28.3

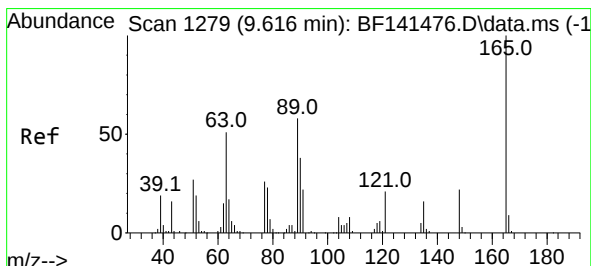
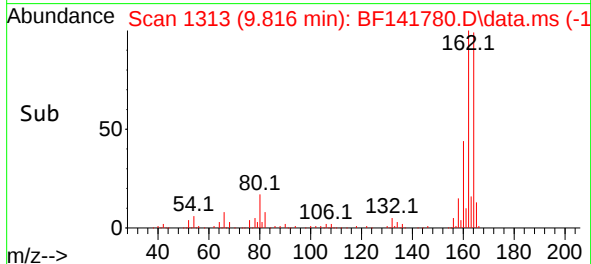
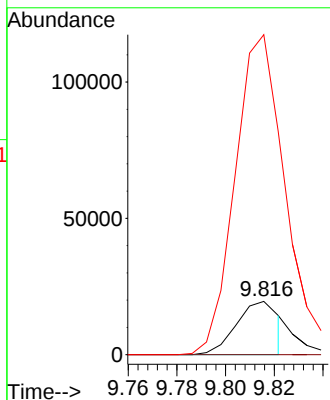
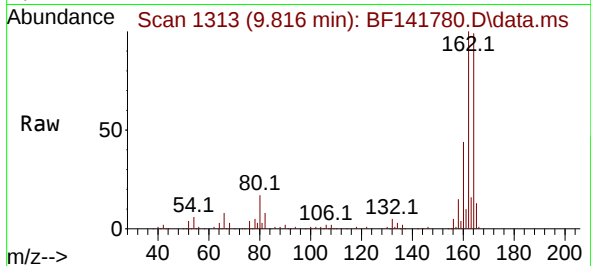




#50
Dimethylphthalate
Concen: 2.013 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF141780.D
Acq: 26 Feb 2025 13:55

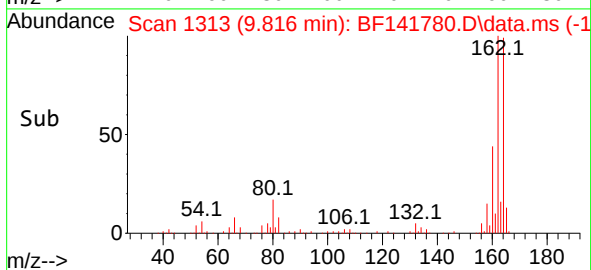
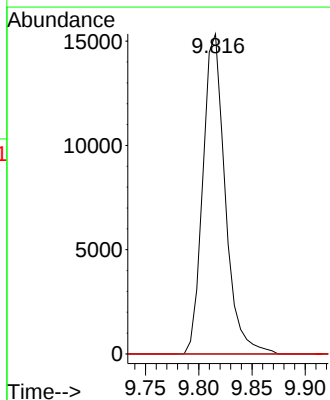
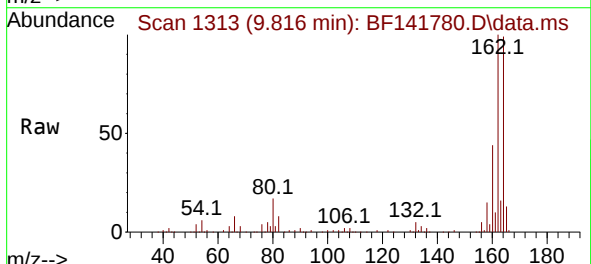
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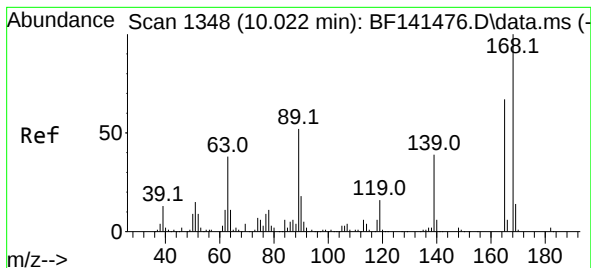
Tgt Ion:163 Resp: 23526
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 600.3 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.760 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.194 min
Lab File: BF141780.D
Acq: 26 Feb 2025 13:55

Tgt Ion:165 Resp: 22382
Ion Ratio Lower Upper
165 100
63 0.0 49.4 74.0#
89 0.0 46.5 69.7#

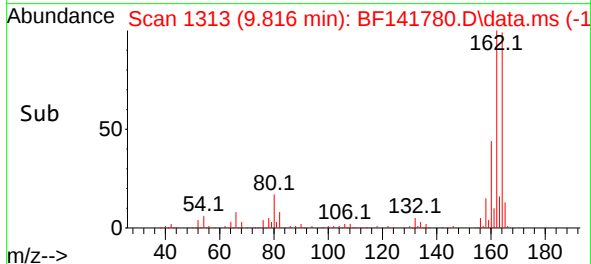
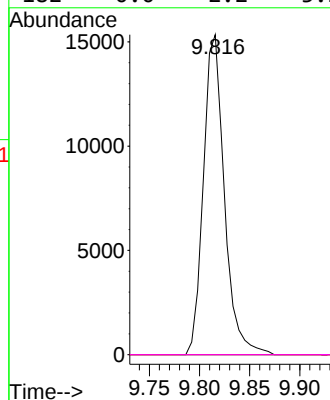
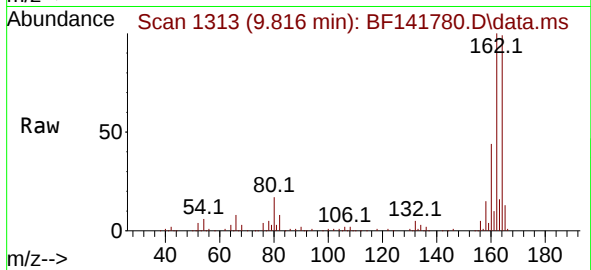




#57
2,4-Dinitrotoluene
Concen: 6.581 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141780.D
Acq: 26 Feb 2025 13:55

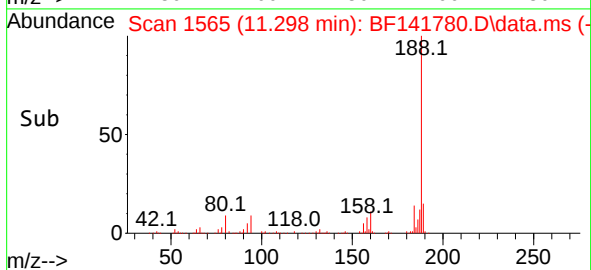
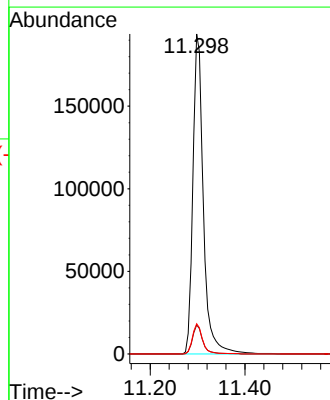
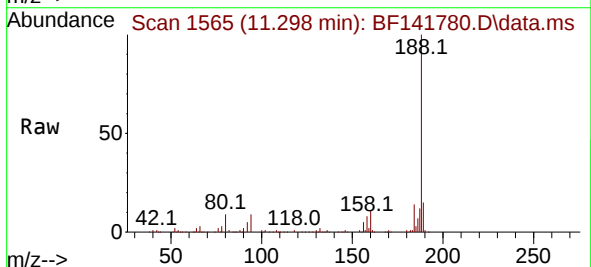
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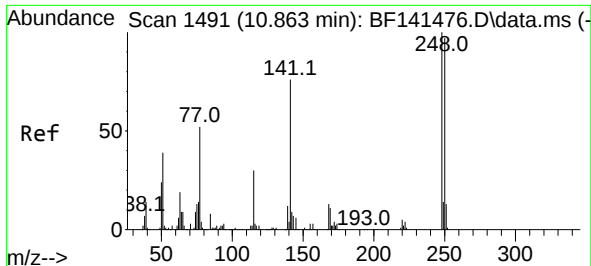
Tgt Ion:165 Resp: 22382
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 0.0 61.8 92.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141780.D
Acq: 26 Feb 2025 13:55

Tgt Ion:188 Resp: 297565
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.5 7.3 10.9

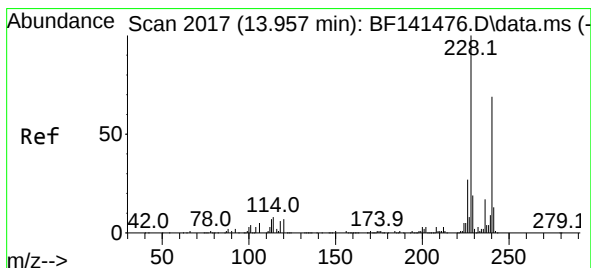
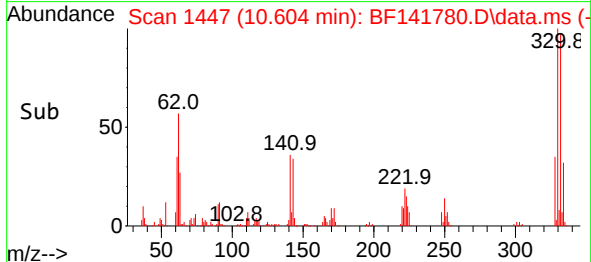
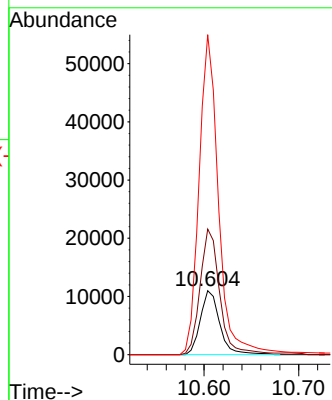
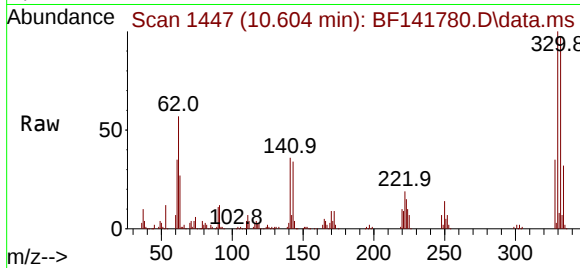




#67
4-Bromophenyl-phenylether
Concen: 4.699 ng
RT: 10.604 min Scan# 1491
Delta R.T. -0.259 min
Lab File: BF141780.D
Acq: 26 Feb 2025 13:55

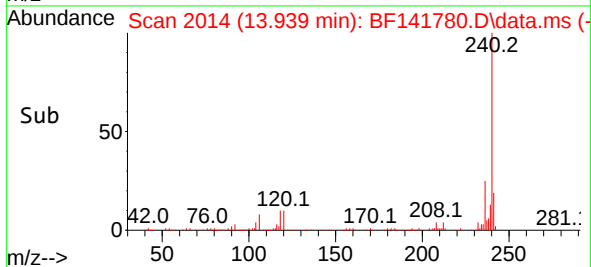
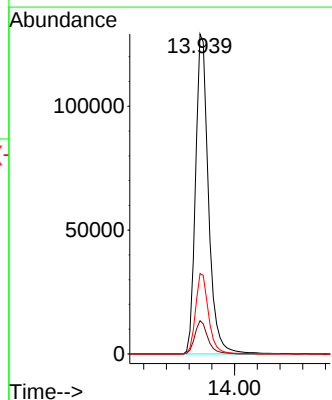
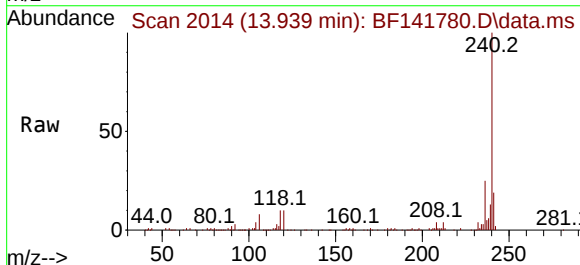
Instrument :
BNA_F
ClientSampleId :
PB166875BL

Tgt Ion:248 Resp: 15627
Ion Ratio Lower Upper
248 100
250 196.1 77.8 116.6#
141 499.9 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141780.D
Acq: 26 Feb 2025 13:55

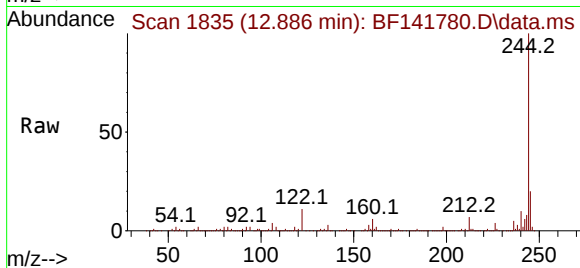
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Ion Ratio Lower Upper
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120 10.4 8.0 12.0
236 25.1 19.8 29.8



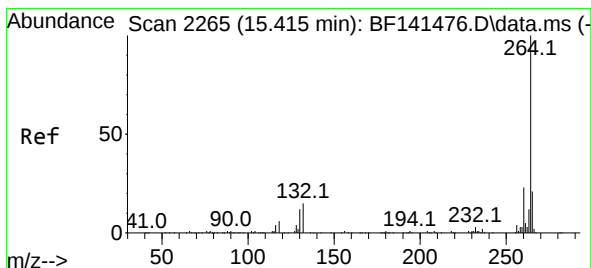
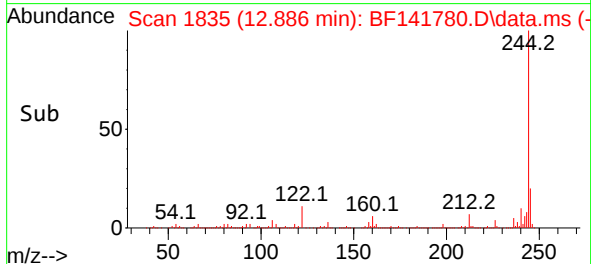
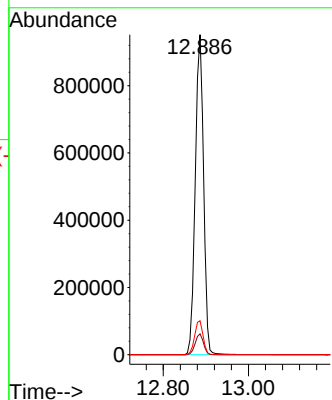


#79
 Terphenyl-d14
 Concen: 105.914 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.018 min
 Lab File: BF141780.D
 Acq: 26 Feb 2025 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB166875BL



Tgt Ion:244 Resp: 1286585
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2260
 Delta R.T. -0.029 min
 Lab File: BF141780.D
 Acq: 26 Feb 2025 13:55

Tgt Ion:264 Resp: 168978
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.6 17.0 25.4

