

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141778.D
 Acq On : 26 Feb 2025 12:56
 Operator : RC/JU
 Sample : PB166870BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166870BL

Quant Time: Feb 26 13:19:20 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)

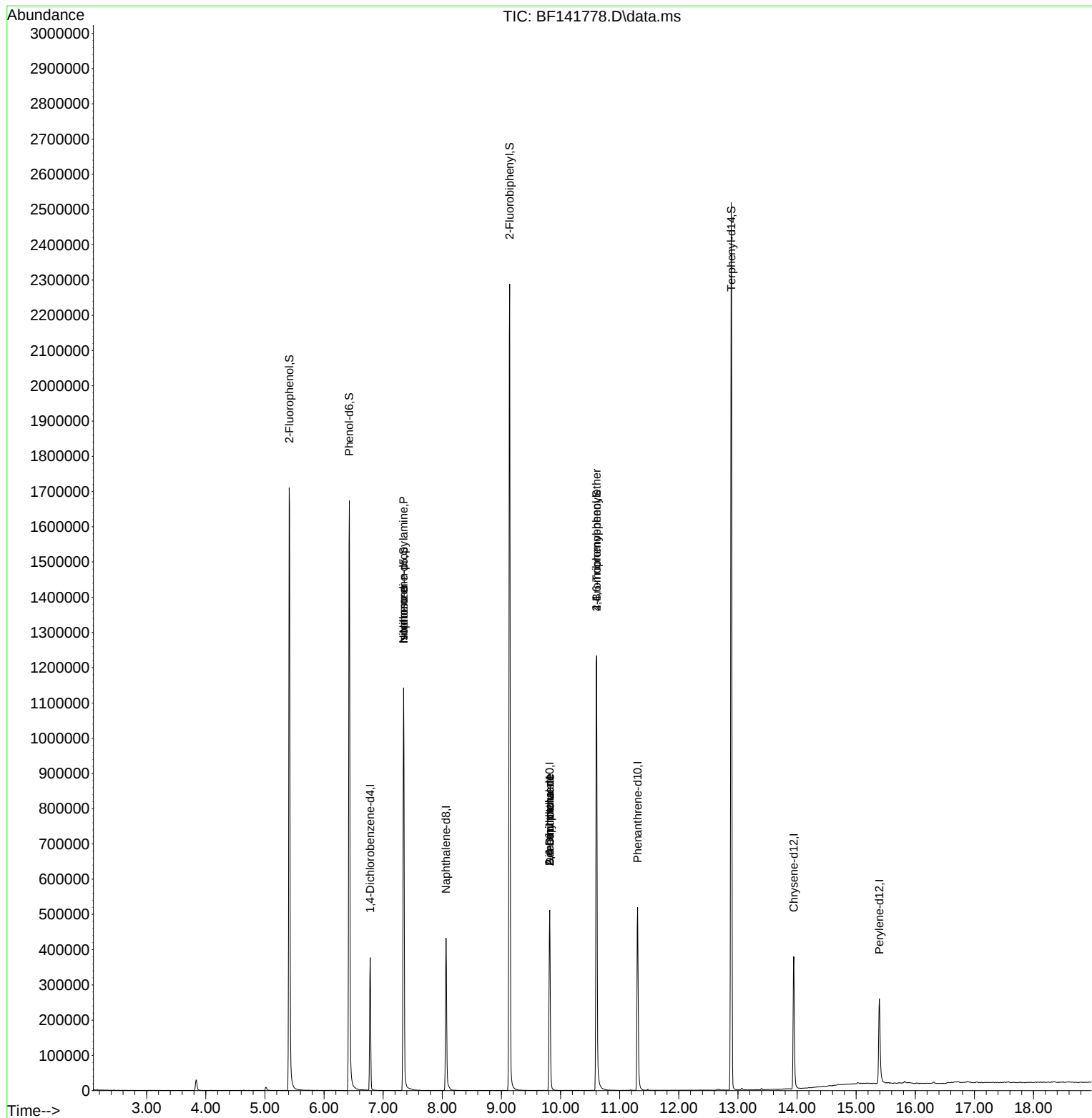
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	79623	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	323428	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	175903	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	313562	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	221568	20.000	ng	-0.02
86) Perylene-d12	15.392	264	172653	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	699238	137.677	ng	0.00
7) Phenol-d6	6.428	99	853735	132.997	ng	-0.01
23) Nitrobenzene-d5	7.345	82	552914	89.167	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	237817	134.586	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1100653	96.400	ng	-0.01
79) Terphenyl-d14	12.886	244	1310564	99.855	ng	-0.02
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.345	70	73978	19.266	ng	# 72
25) Isophorone	7.345	82	539913	54.608	ng	# 66
50) Dimethylphthalate	9.816	163	23892	2.001	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	22258	8.526	ng	# 21
57) 2,4-Dinitrotoluene	9.816	165	22258	6.405	ng	# 18
67) 4-Bromophenyl-phenylether	10.610	248	15881	4.532	ng	# 1

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

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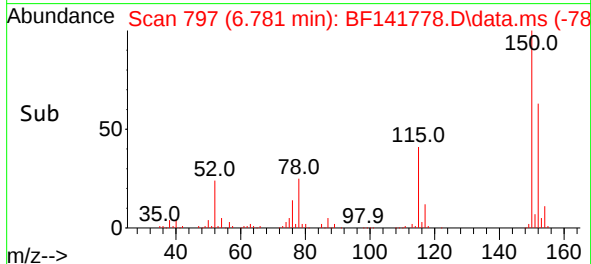
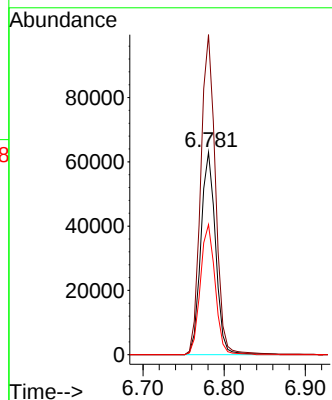
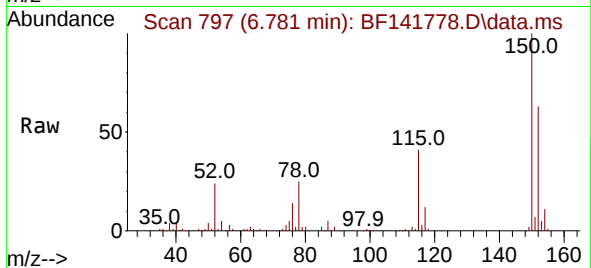




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141778.D
 Acq: 26 Feb 2025 12:56

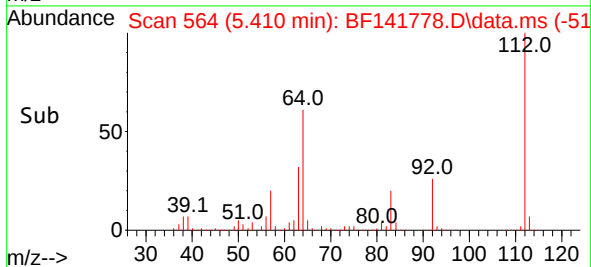
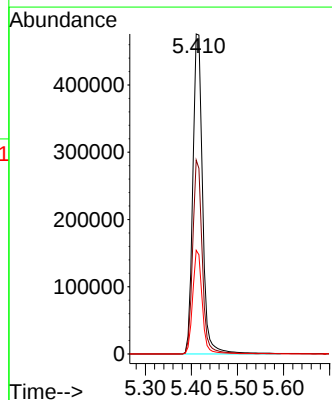
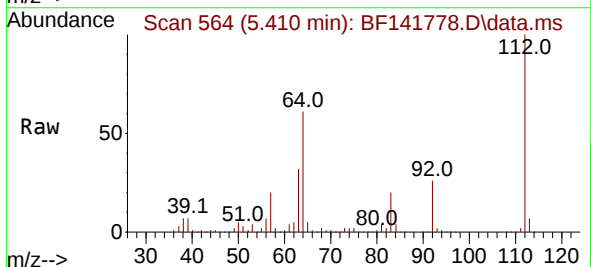
Instrument :
 BNA_F
 ClientSampleId :
 PB166870BL

Tgt Ion:152 Resp: 79623
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.0 187.4
 115 64.3 53.6 80.4



#5
 2-Fluorophenol
 Concen: 137.677 ng
 RT: 5.410 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF141778.D
 Acq: 26 Feb 2025 12:56

Tgt Ion:112 Resp: 699238
 Ion Ratio Lower Upper
 112 100
 64 60.6 51.1 76.7
 63 32.4 28.4 42.6

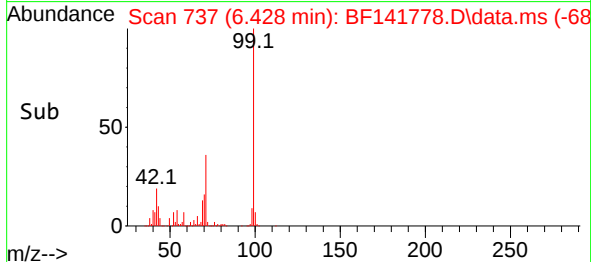
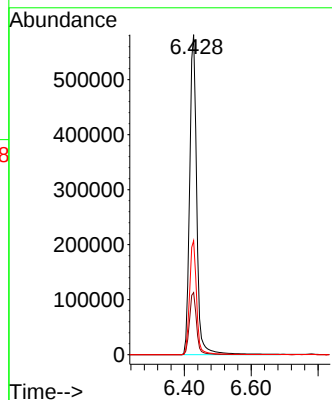
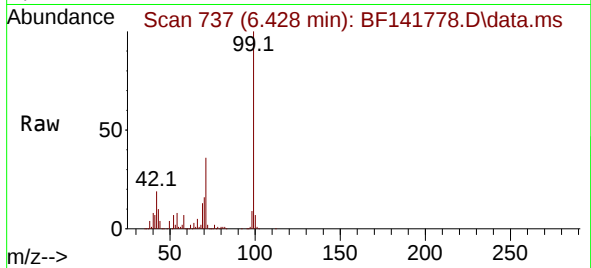




#7
Phenol-d6
Concen: 132.997 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

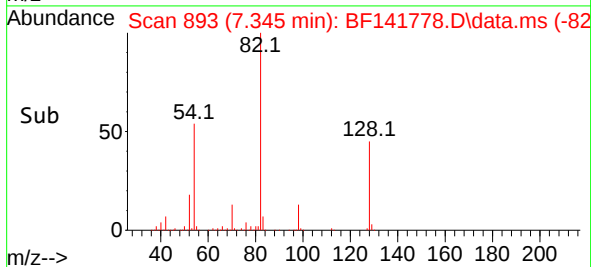
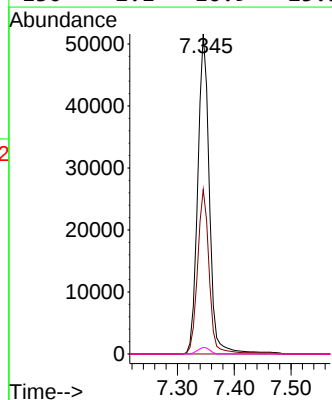
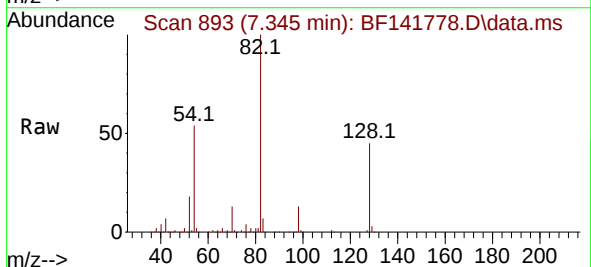
Instrument :
BNA_F
ClientSampleId :
PB166870BL

Tgt Ion: 99 Resp: 853735
Ion Ratio Lower Upper
99 100
42 19.4 19.1 28.7
71 35.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.266 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

Tgt Ion: 70 Resp: 73978
Ion Ratio Lower Upper
70 100
42 51.4 57.4 86.2#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#

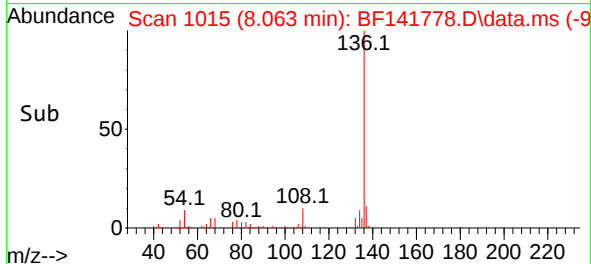
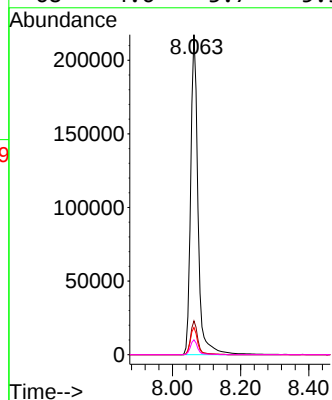
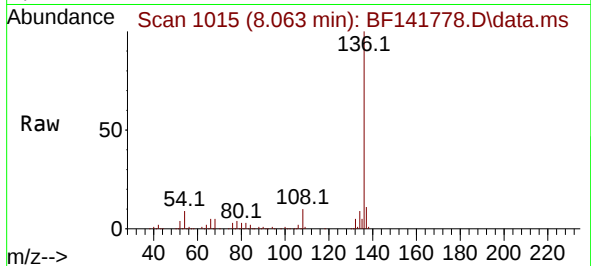




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

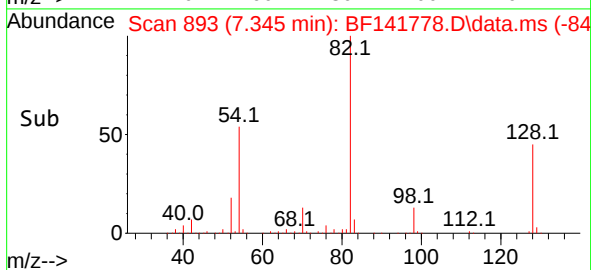
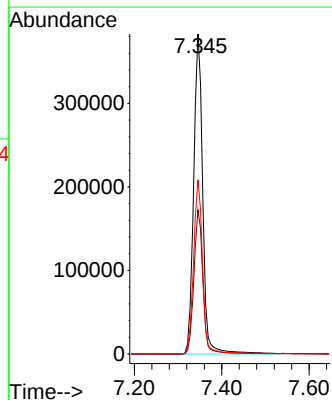
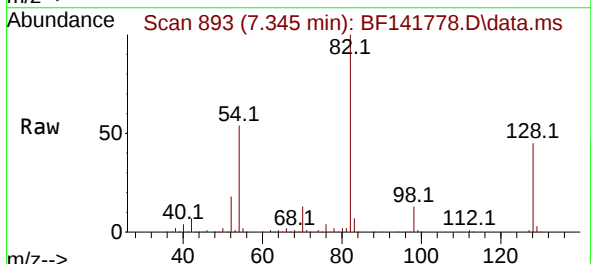
Instrument :
BNA_F
ClientSampleId :
PB166870BL

Tgt Ion:	136	Resp:	323428
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	8.5	7.2	10.8
68	4.6	3.7	5.5



#23
Nitrobenzene-d5
Concen: 89.167 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

Tgt Ion:	82	Resp:	552914
Ion Ratio	Lower	Upper	
82	100		
128	45.0	34.8	52.2
54	54.5	48.2	72.4

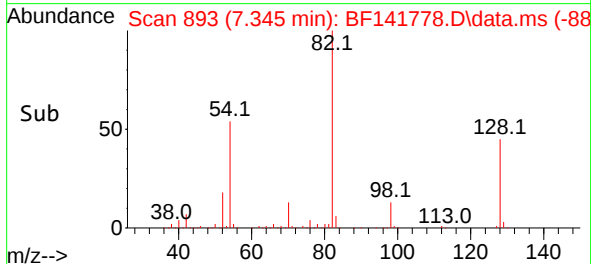
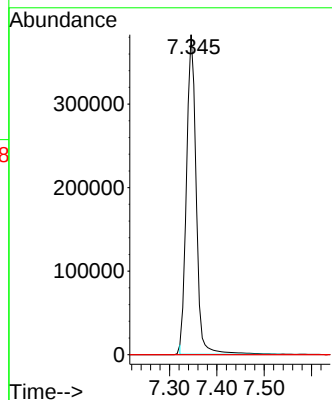
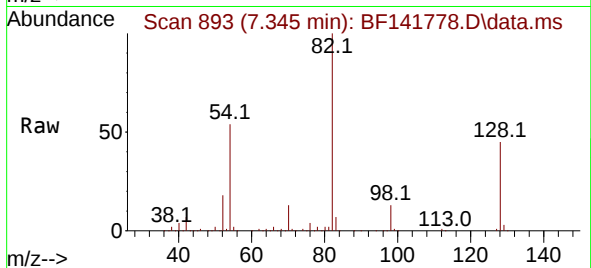




#25
Isophorone
Concen: 54.608 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

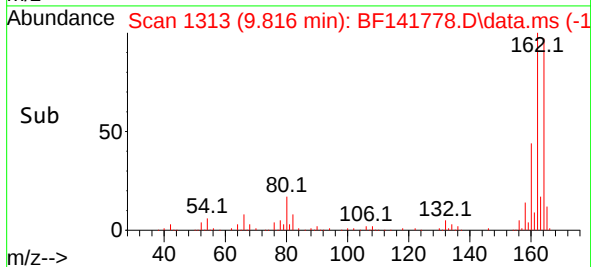
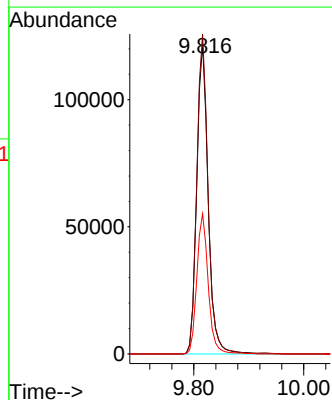
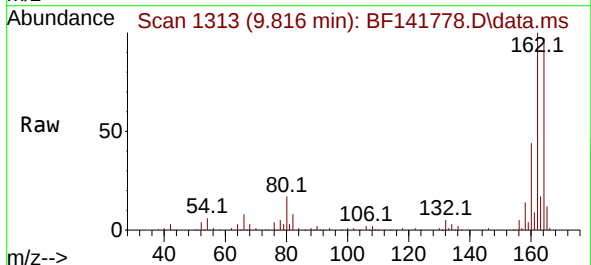
Instrument :
BNA_F
ClientSampleId :
PB166870BL

Tgt Ion: 82 Resp: 539913
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. -0.017 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

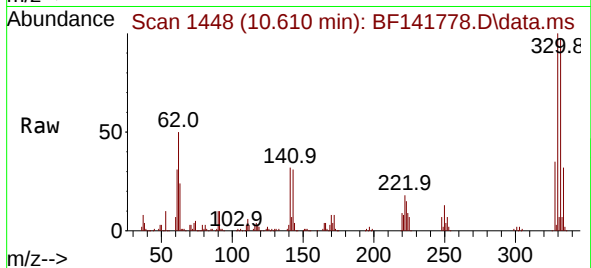
Tgt Ion: 164 Resp: 175903
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 45.3 35.9 53.9



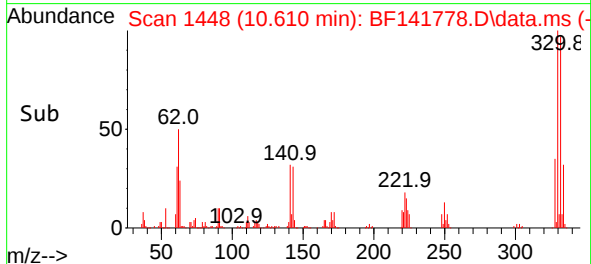
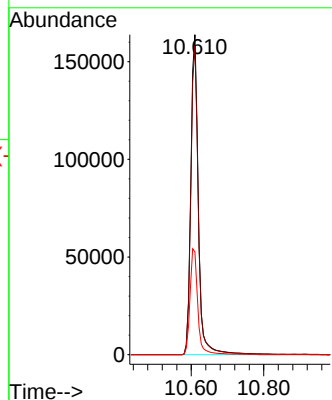


#42
2,4,6-Tribromophenol
Concen: 134.586 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.017 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

Instrument :
BNA_F
ClientSampleId :
PB166870BL

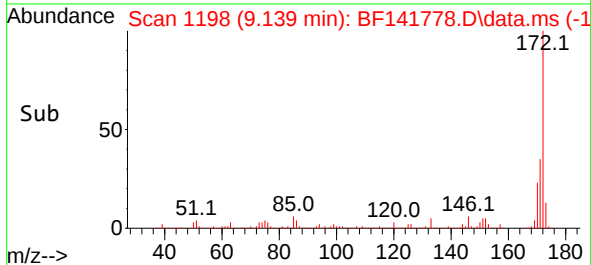
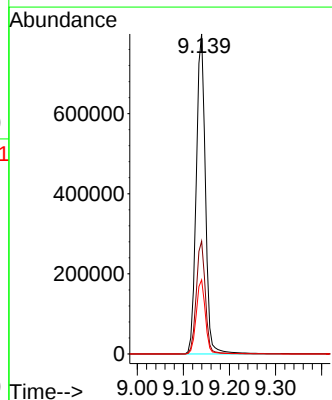
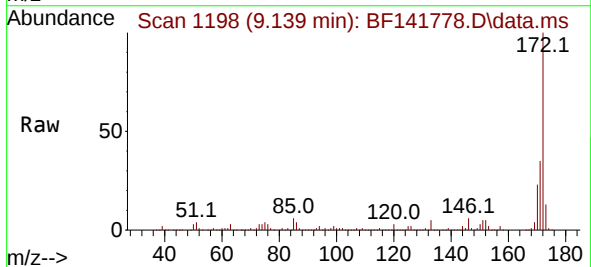


Tgt Ion: 330 Resp: 237817
Ion Ratio Lower Upper
330 100
332 96.2 78.5 117.7
141 34.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 96.400 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

Tgt Ion: 172 Resp: 1100653
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.2 18.9 28.3

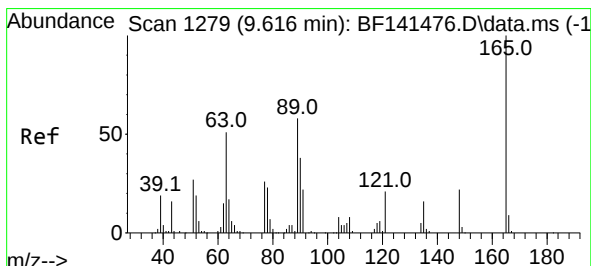
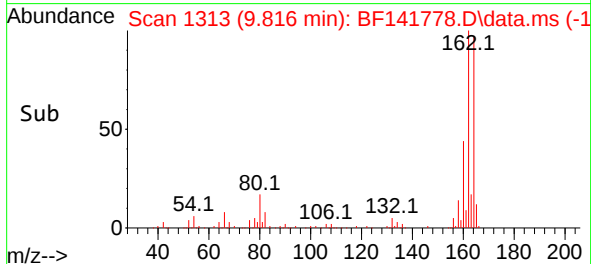
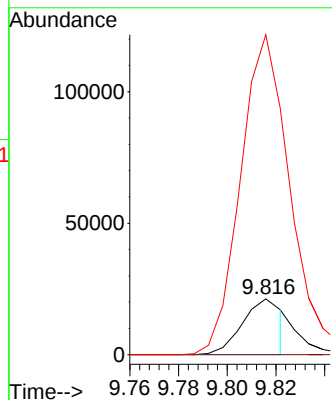
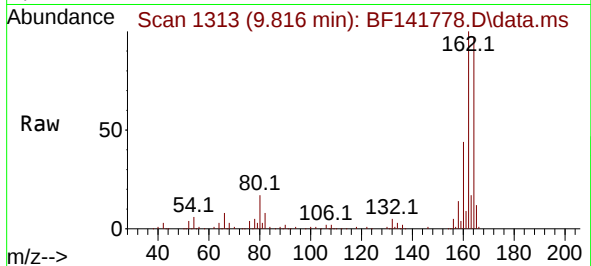




#50
Dimethylphthalate
Concen: 2.001 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

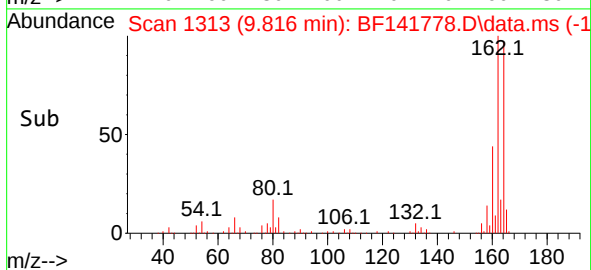
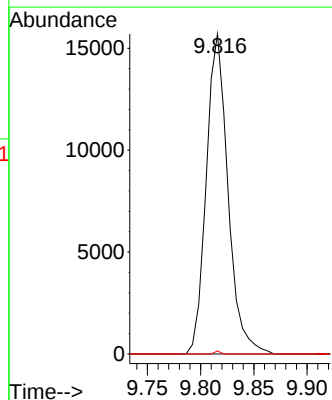
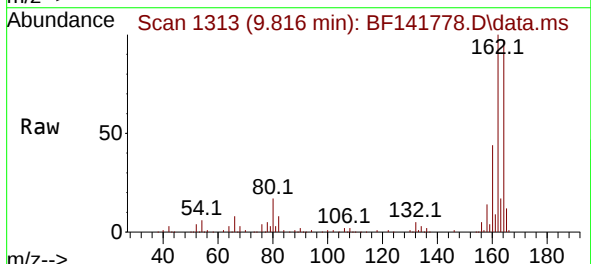
Instrument :
BNA_F
ClientSampleId :
PB166870BL

Tgt Ion:163 Resp: 23892
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 572.2 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.526 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.194 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

Tgt Ion:165 Resp: 22258
Ion Ratio Lower Upper
165 100
63 0.0 49.4 74.0#
89 1.0 46.5 69.7#

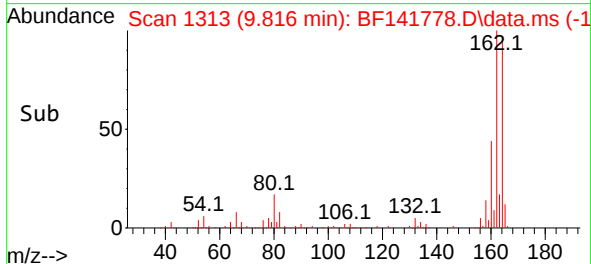
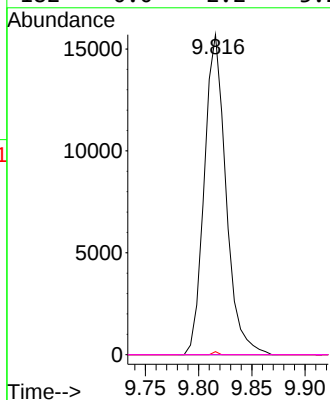
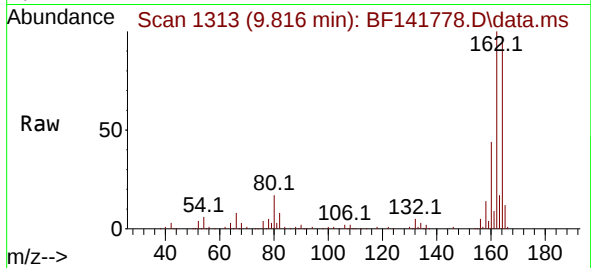




#57
2,4-Dinitrotoluene
Concen: 6.405 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

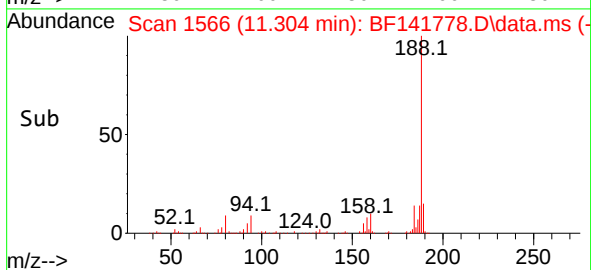
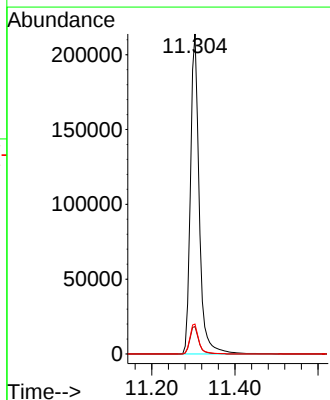
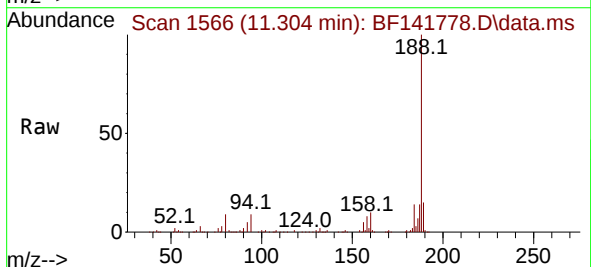
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ClientSampleId :
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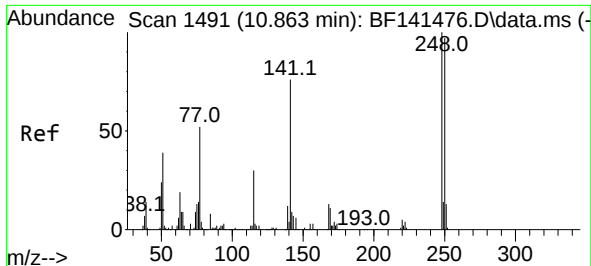
Tgt Ion:165 Resp: 22258
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.0 61.8 92.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

Tgt Ion:188 Resp: 313562
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.3 7.3 10.9

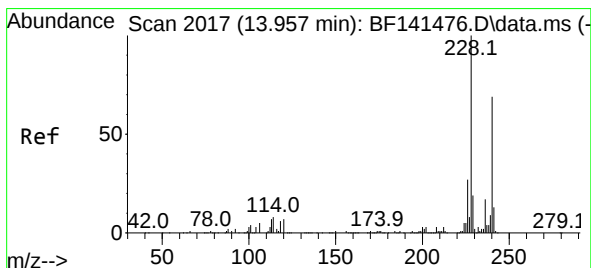
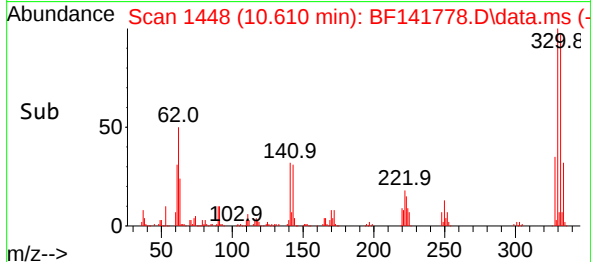
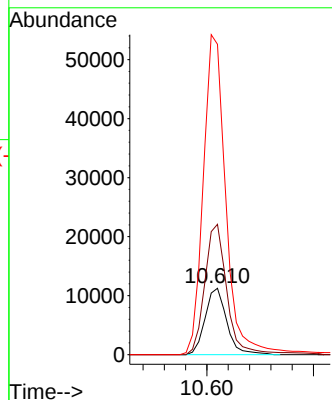
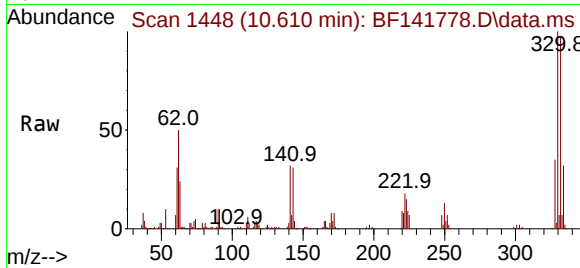




#67
4-Bromophenyl-phenylether
Concen: 4.532 ng
RT: 10.610 min Scan# 1491
Delta R.T. -0.253 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

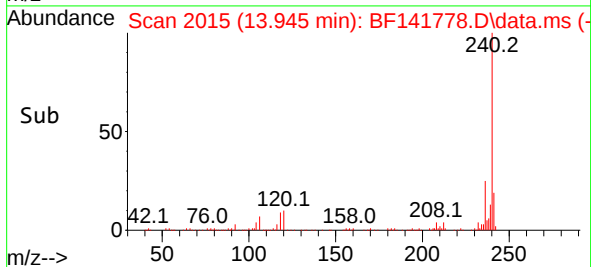
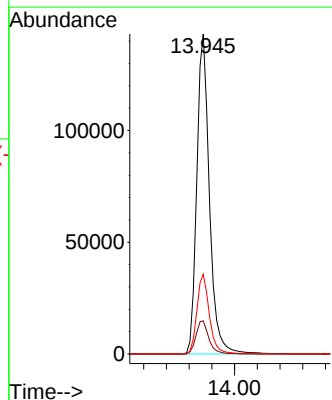
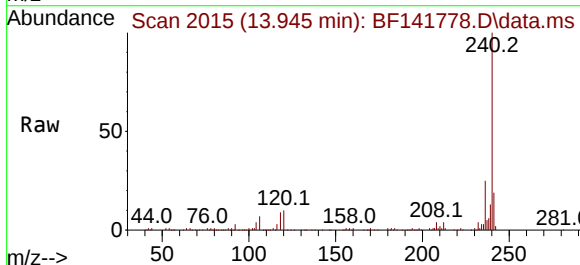
Instrument :
BNA_F
ClientSampleId :
PB166870BL

Tgt Ion:248 Resp: 15881
Ion Ratio Lower Upper
248 100
250 196.3 77.8 116.6#
141 467.1 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

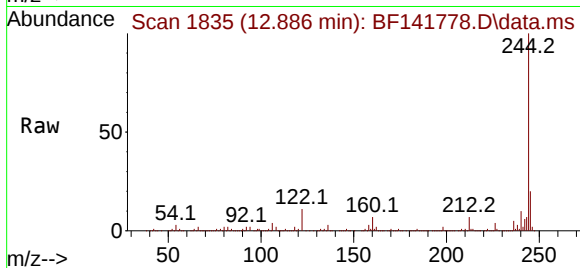
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Ion Ratio Lower Upper
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120 10.3 8.0 12.0
236 24.9 19.8 29.8



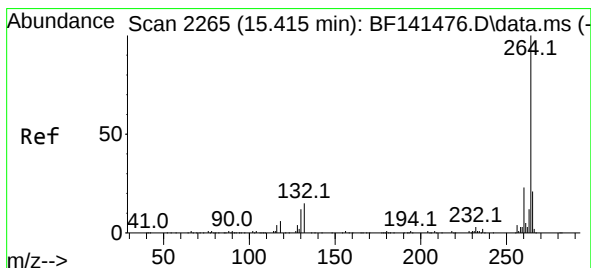
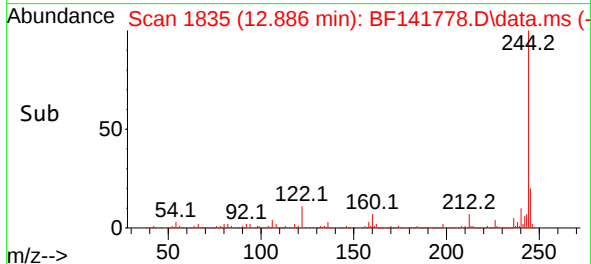
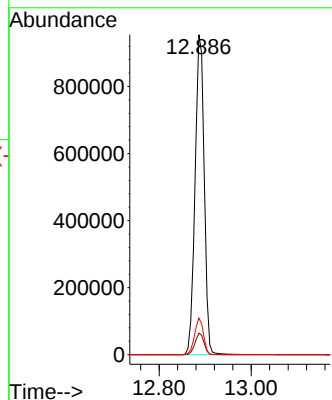


#79
Terphenyl-d14
Concen: 99.855 ng
RT: 12.886 min Scan# 1835
Delta R.T. -0.017 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

Instrument :
BNA_F
ClientSampleId :
PB166870BL



Tgt Ion:244 Resp: 1310564
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 11.4 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2261
Delta R.T. -0.023 min
Lab File: BF141778.D
Acq: 26 Feb 2025 12:56

Tgt Ion:264 Resp: 172653
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 20.9 17.0 25.4

