

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141672.D
 Acq On : 19 Feb 2025 13:43
 Operator : RC/JU
 Sample : PB166772BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166772BL

Quant Time: Feb 19 14:14:10 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)

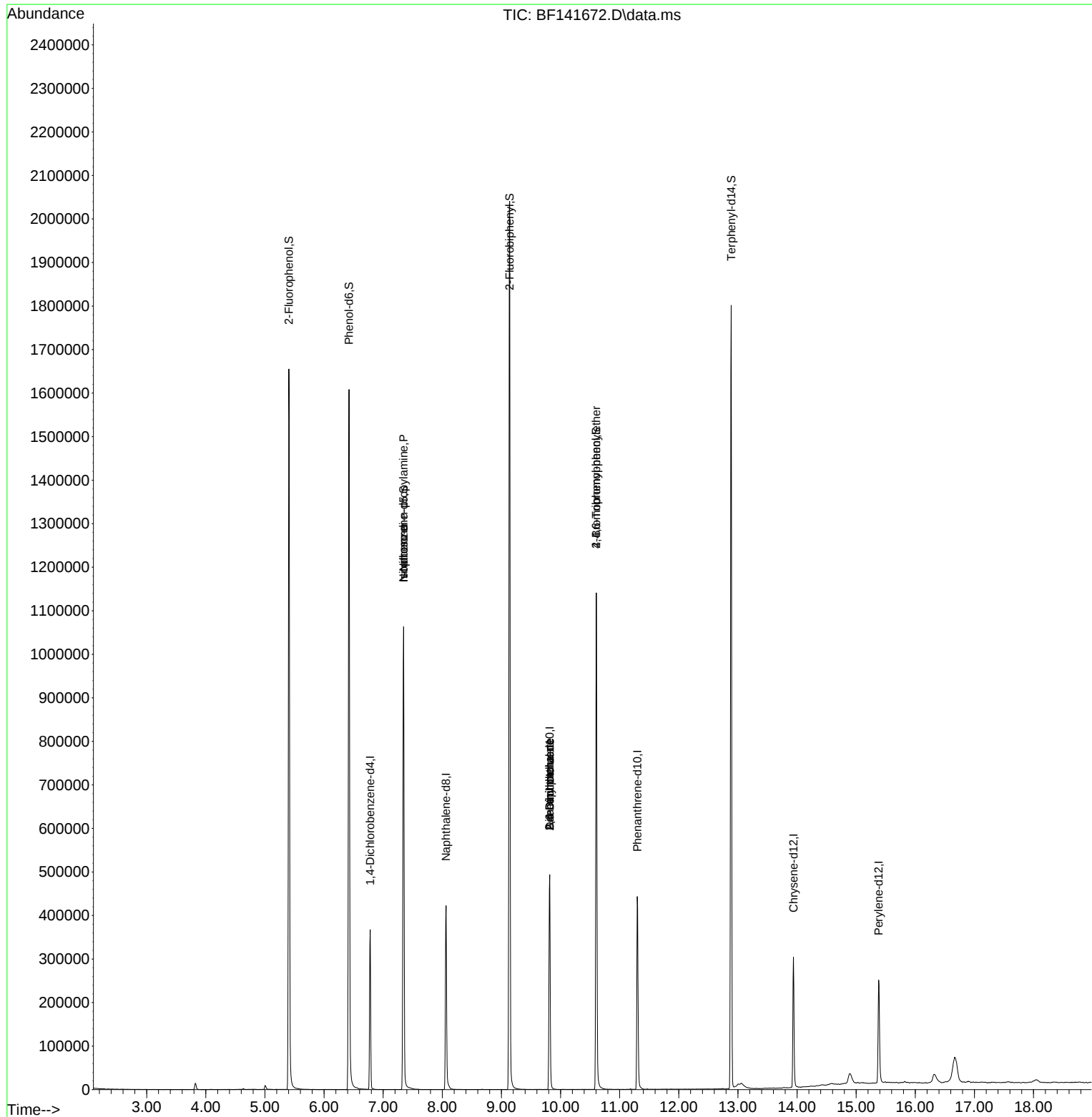
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	77259	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	306990	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	162888	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	261094	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	160948	20.000	ng	-0.02
86) Perylene-d12	15.380	264	156504	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	634424	128.738	ng	0.00
7) Phenol-d6	6.422	99	764255	122.700	ng	-0.02
23) Nitrobenzene-d5	7.345	82	504956	85.793	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	194153	118.655	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	975444	92.260	ng	-0.01
79) Terphenyl-d14	12.886	244	905474	94.975	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	67249	18.050	ng	# 74
25) Isophorone	7.345	82	489906	52.203	ng	# 66
50) Dimethylphthalate	9.816	163	23621	2.136	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	21315	8.817	ng	# 21
57) 2,4-Dinitrotoluene	9.816	165	21315	6.623	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	12809	4.390	ng	# 1

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

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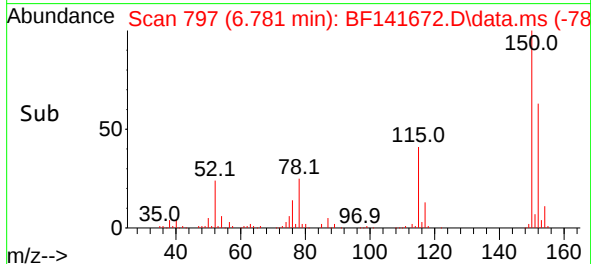
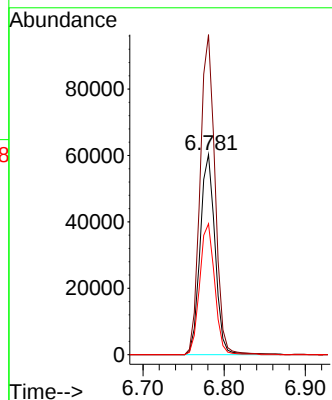
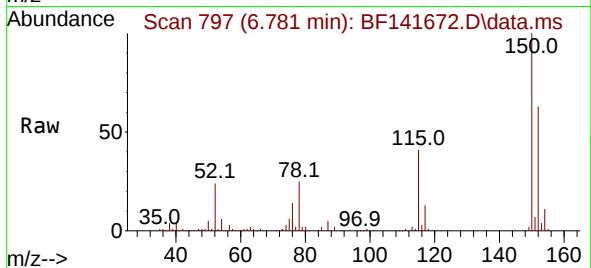




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

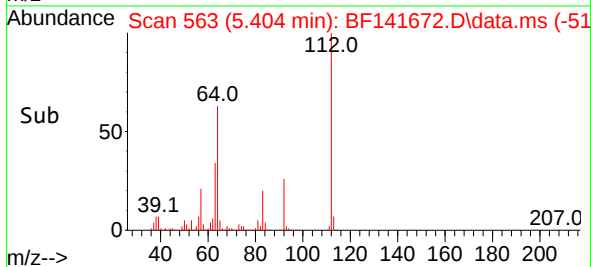
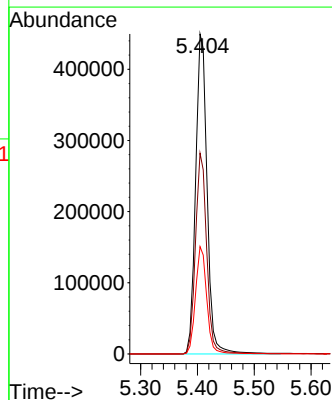
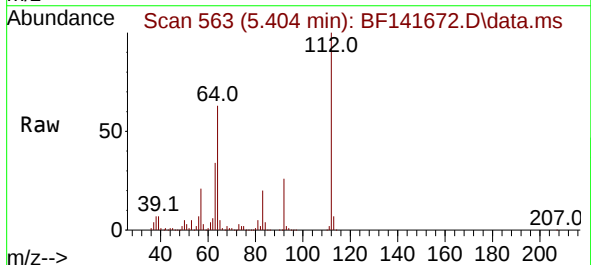
Instrument :
BNA_F
ClientSampleId :
PB166772BL

Tgt Ion:152 Resp: 77259
Ion Ratio Lower Upper
152 100
150 159.9 125.0 187.4
115 65.4 53.6 80.4



#5
2-Fluorophenol
Concen: 128.738 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

Tgt Ion:112 Resp: 634424
Ion Ratio Lower Upper
112 100
64 62.8 51.1 76.7
63 33.6 28.4 42.6

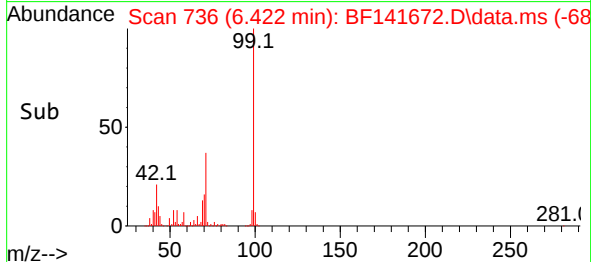
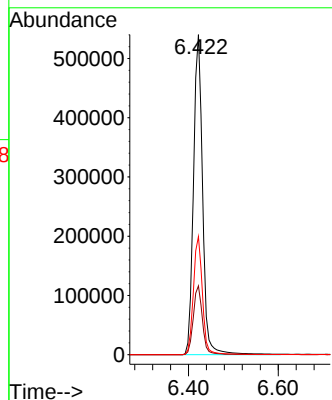
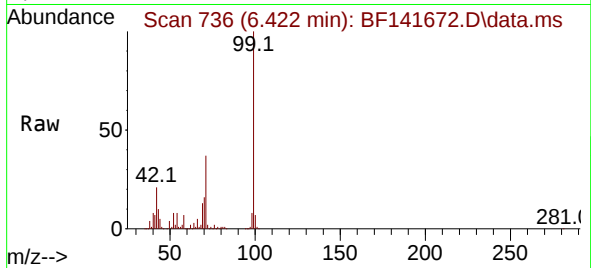




#7
Phenol-d6
Concen: 122.700 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

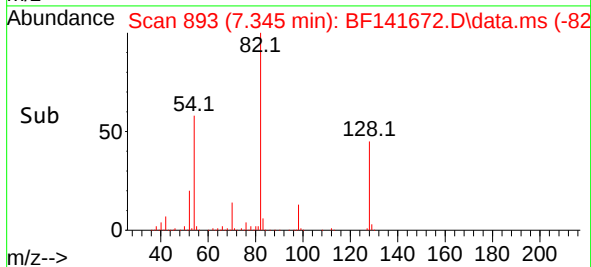
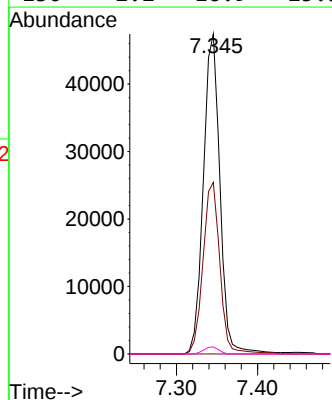
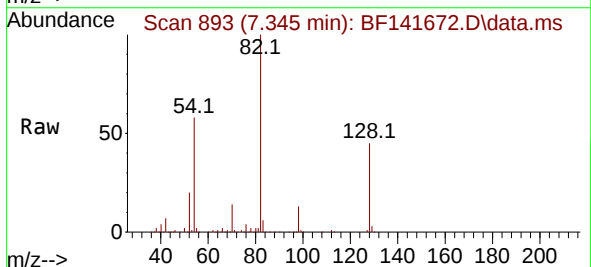
Instrument :
BNA_F
ClientSampleId :
PB166772BL

Tgt Ion: 99 Resp: 764255
Ion Ratio Lower Upper
99 100
42 21.5 19.1 28.7
71 36.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.050 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

Tgt Ion: 70 Resp: 67249
Ion Ratio Lower Upper
70 100
42 53.7 57.4 86.2#
101 0.0 8.0 12.0#
130 2.2 16.9 25.3#



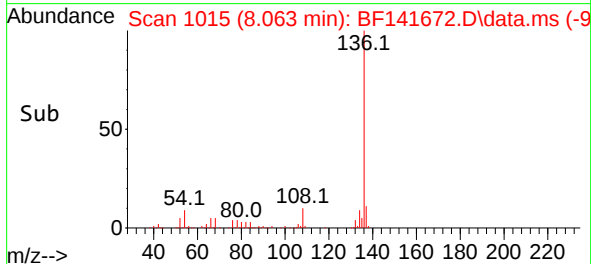
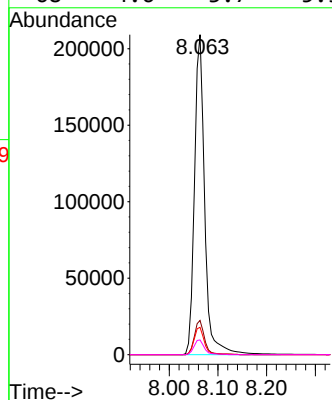
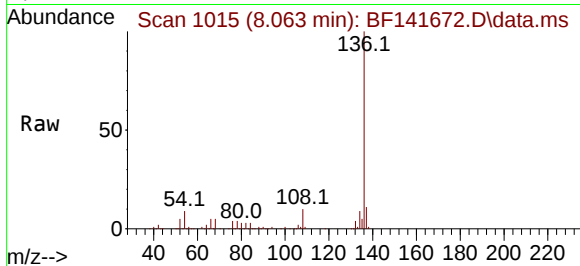


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

Instrument :
BNA_F
ClientSampleId :
PB166772BL

Tgt Ion:136 Resp: 306990

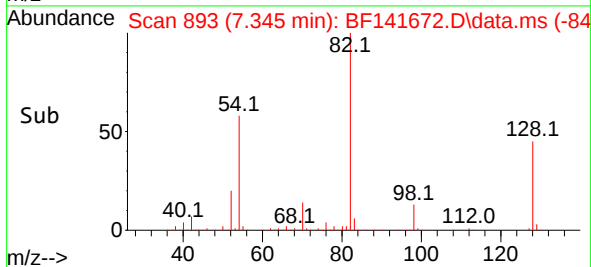
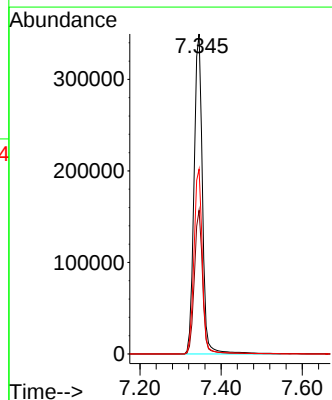
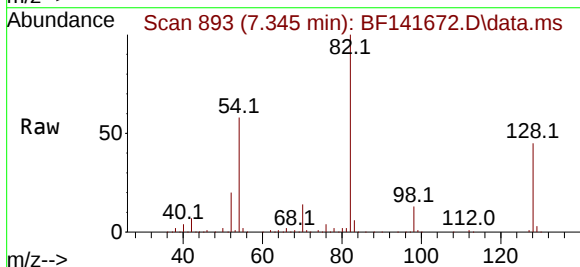
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.6	7.2	10.8
68	4.6	3.7	5.5



#23
Nitrobenzene-d5
Concen: 85.793 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

Tgt Ion: 82 Resp: 504956

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.8	52.2
54	57.8	48.2	72.4

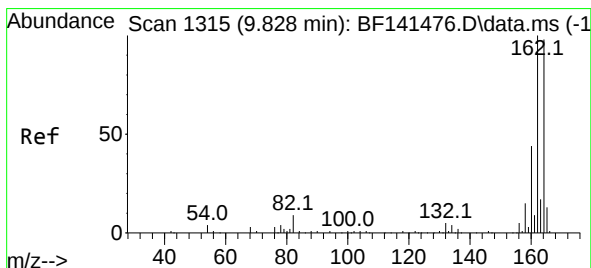
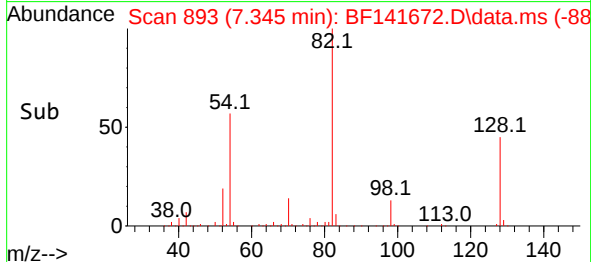
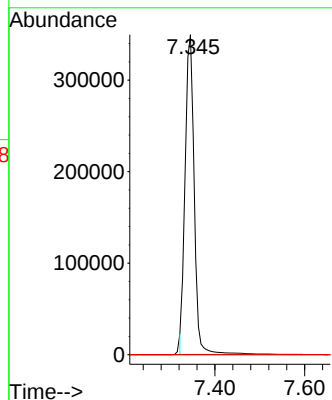
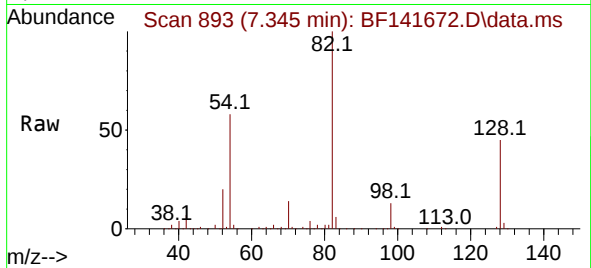




#25
Isophorone
Concen: 52.203 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

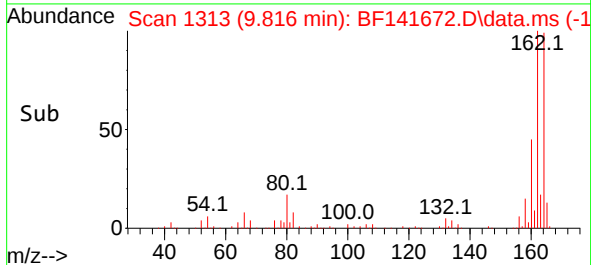
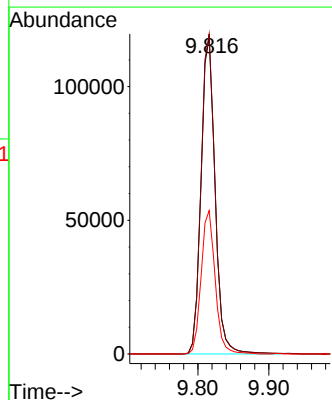
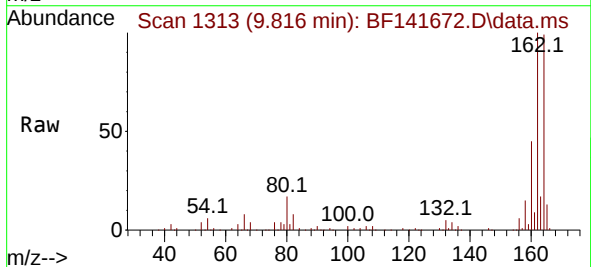
Instrument :
BNA_F
ClientSampleId :
PB166772BL

Tgt Ion: 82 Resp: 489906
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: BF141672.D
Acq: 19 Feb 2025 13:43

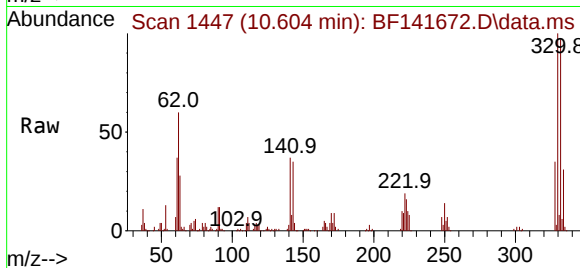
Tgt Ion:164 Resp: 162888
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 45.3 35.9 53.9



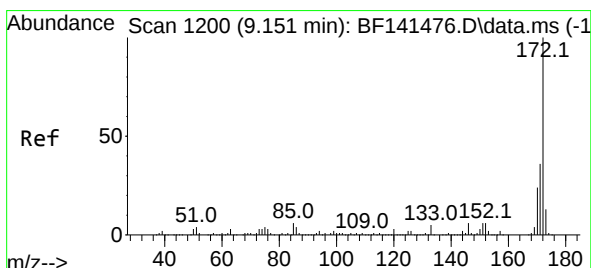
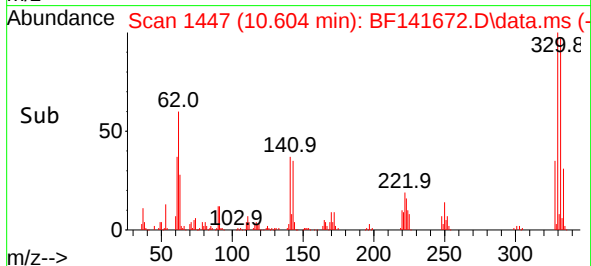
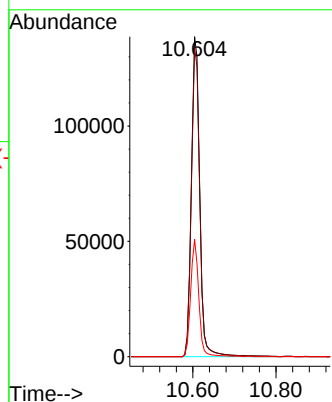


#42
2,4,6-Tribromophenol
Concen: 118.655 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

Instrument :
BNA_F
ClientSampleId :
PB166772BL

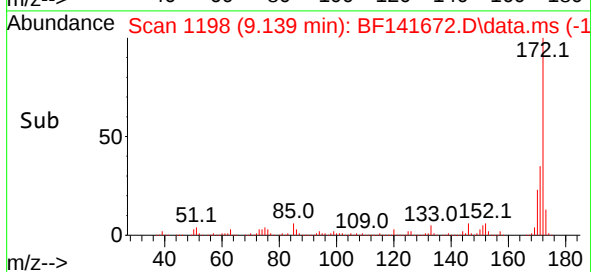
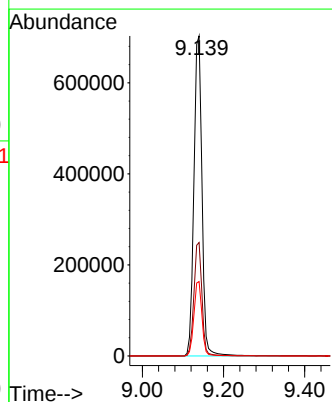
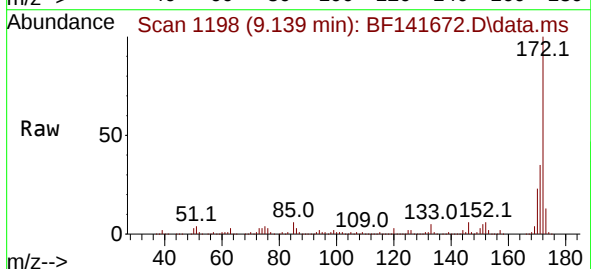


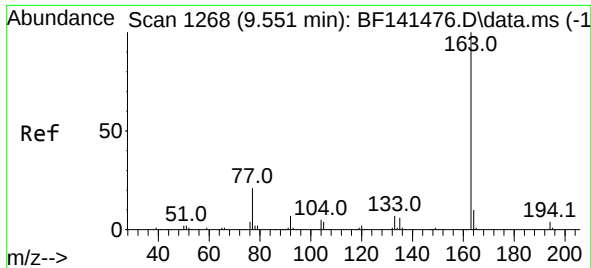
Tgt Ion:330 Resp: 194153
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 35.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 92.260 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

Tgt Ion:172 Resp: 975444
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.3 18.9 28.3

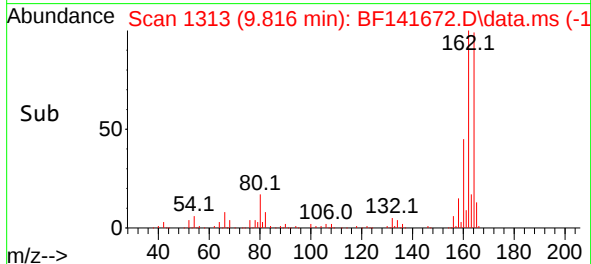
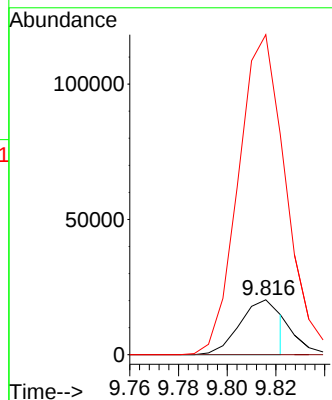
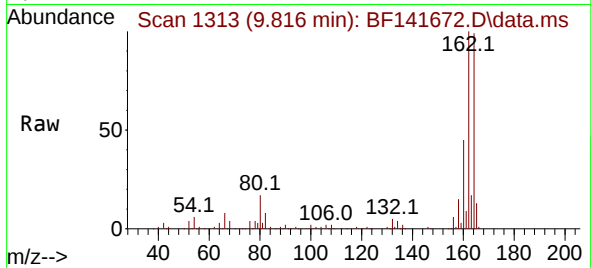




#50
Dimethylphthalate
Concen: 2.136 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

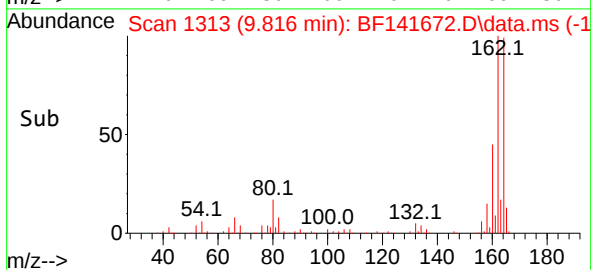
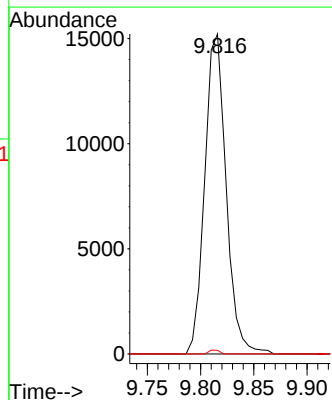
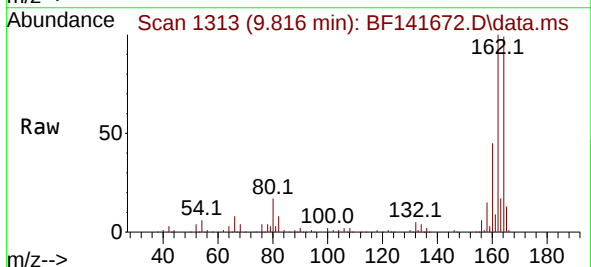
Instrument :
BNA_F
ClientSampleId :
PB166772BL

Tgt Ion:163 Resp: 23621
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 582.4 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.817 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.194 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

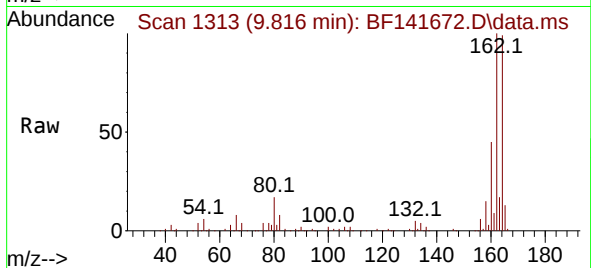
Tgt Ion:165 Resp: 21315
Ion Ratio Lower Upper
165 100
63 0.0 49.4 74.0#
89 1.2 46.5 69.7#



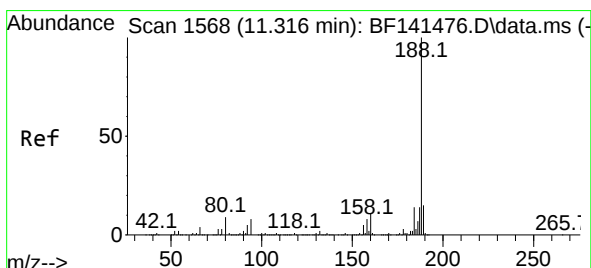
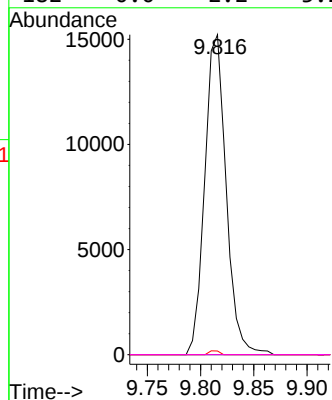
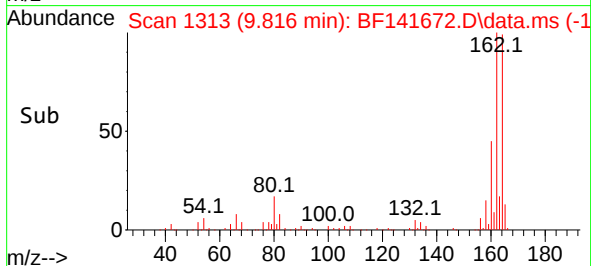


#57
2,4-Dinitrotoluene
Concen: 6.623 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

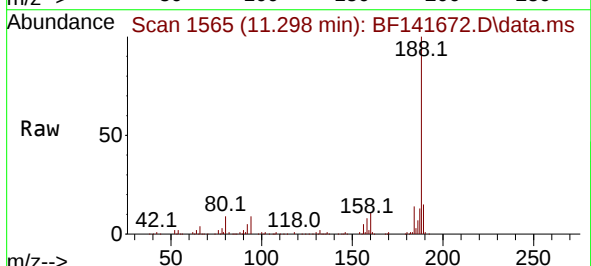
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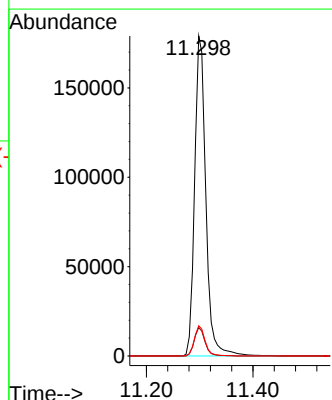
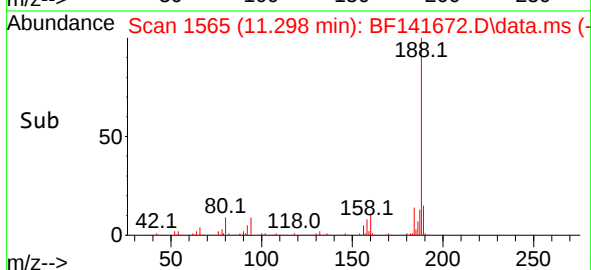
Tgt Ion:165 Resp: 21315
Ion Ratio Lower Upper
165 100
63 0.0 46.4 69.6#
89 1.2 61.8 92.6#
182 0.0 2.2 3.2#

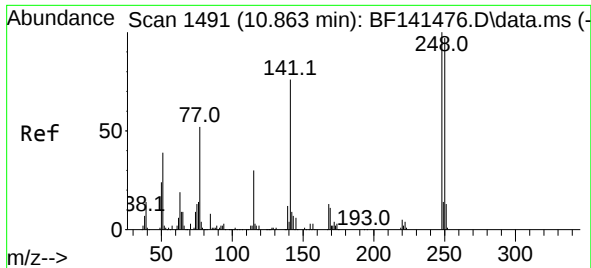


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43



Tgt Ion:188 Resp: 261094
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.4 7.3 10.9

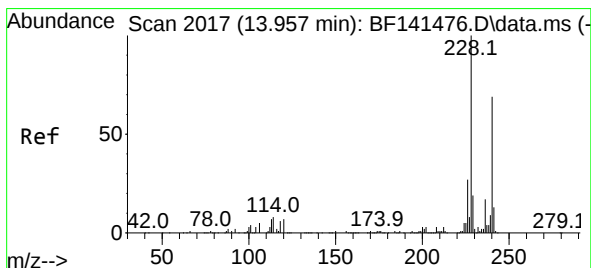
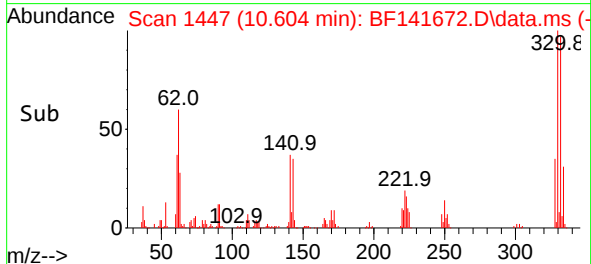
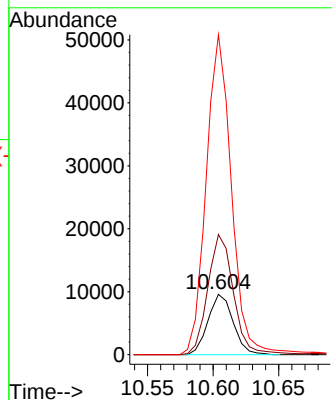
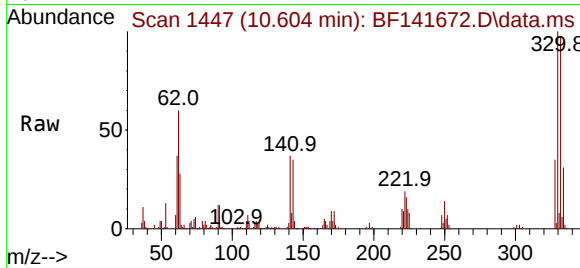




#67
4-Bromophenyl-phenylether
Concen: 4.390 ng
RT: 10.604 min Scan# 1491
Delta R.T. -0.259 min
Lab File: BF141672.D
Acq: 19 Feb 2025 13:43

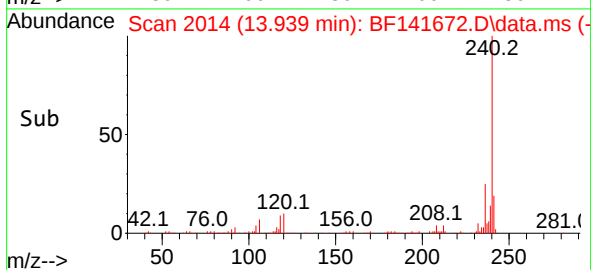
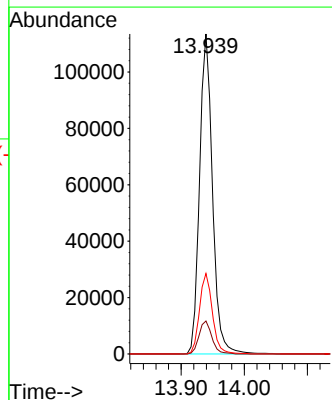
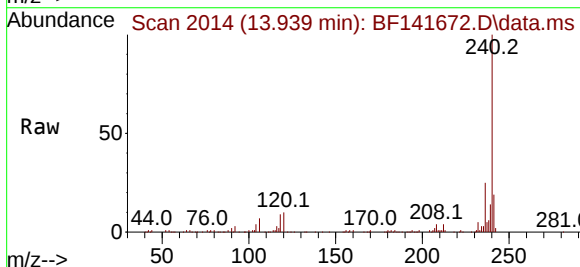
Instrument :
BNA_F
ClientSampleId :
PB166772BL

Tgt Ion:248 Resp: 12809
Ion Ratio Lower Upper
248 100
250 199.1 77.8 116.6#
141 530.3 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: BF141672.D
Acq: 19 Feb 2025 13:43

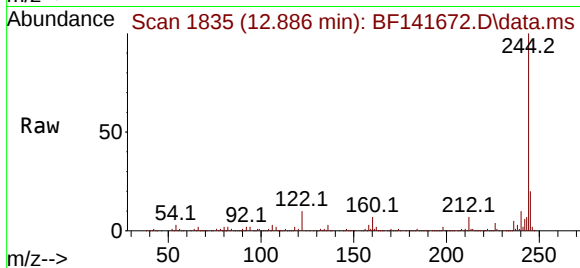
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Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.1 19.8 29.8



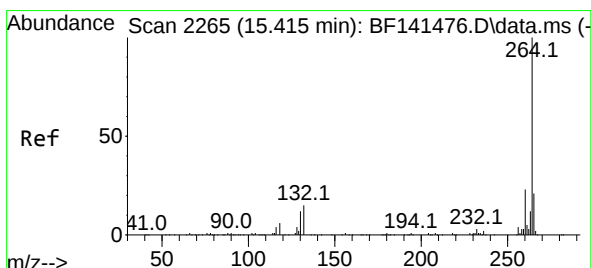
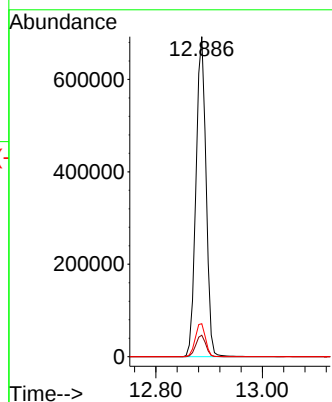
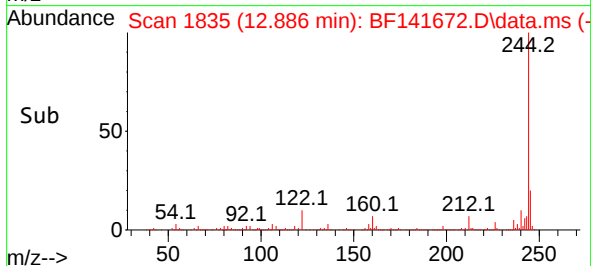


#79
 Terphenyl-d14
 Concen: 94.975 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.017 min
 Lab File: BF141672.D
 Acq: 19 Feb 2025 13:43

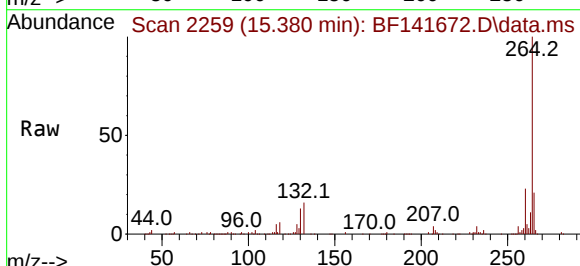
Instrument :
 BNA_F
 ClientSampleId :
 PB166772BL



Tgt Ion:244 Resp: 905474
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.3 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2259
 Delta R.T. -0.035 min
 Lab File: BF141672.D
 Acq: 19 Feb 2025 13:43



Tgt Ion:264 Resp: 156504
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 20.8 17.0 25.4

