

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141722.D
 Acq On : 21 Feb 2025 16:17
 Operator : RC/JU
 Sample : Q1385-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ST-1

Quant Time: Feb 21 16:39:09 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)

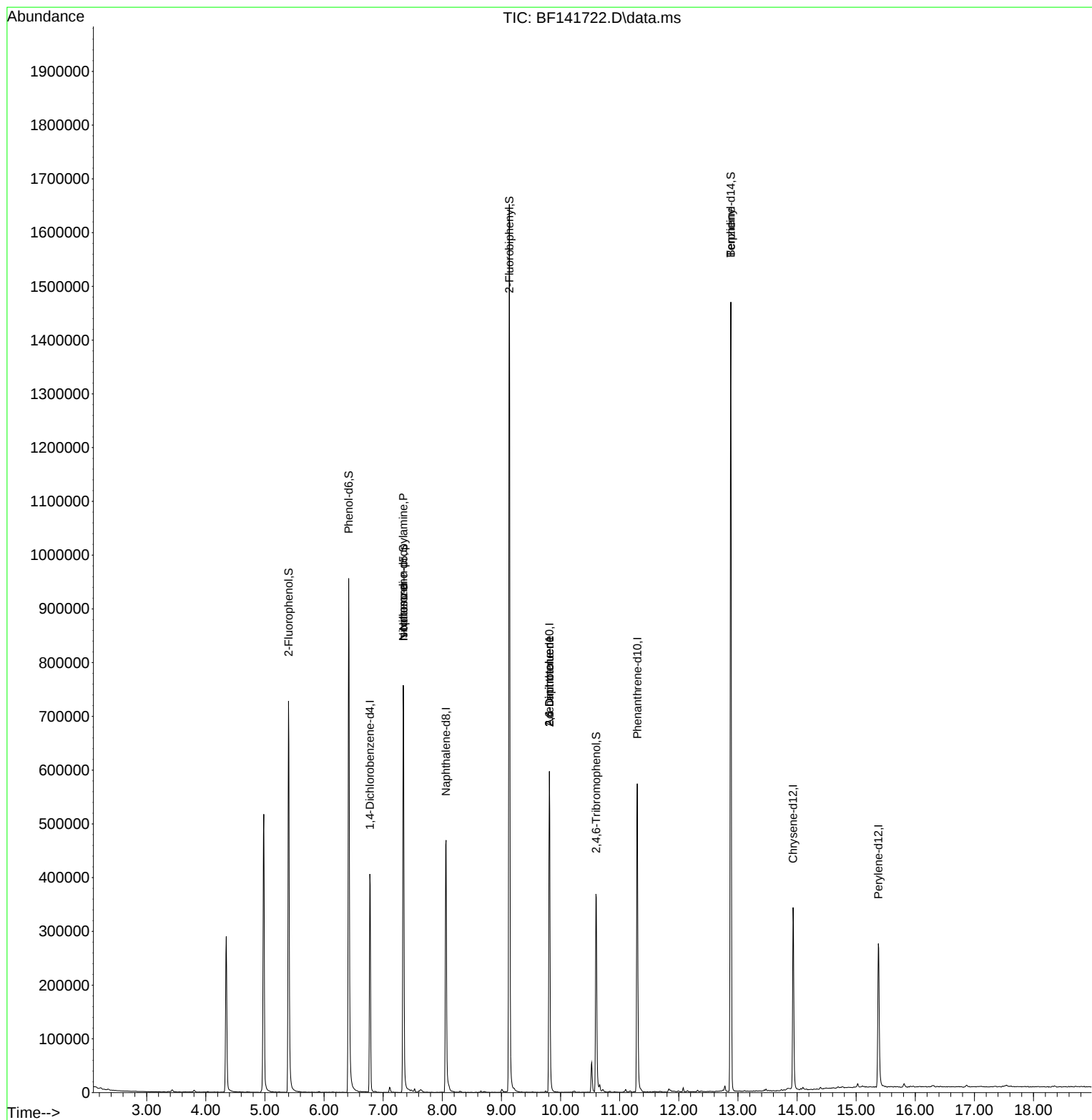
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	88085	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	352067	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	195612	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	332188	20.000	ng	-0.02
76) Chrysene-d12	13.933	240	189379	20.000	ng	-0.03
86) Perylene-d12	15.374	264	182795	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	297466	52.943	ng	-0.01
7) Phenol-d6	6.416	99	472042	66.471	ng	-0.02
23) Nitrobenzene-d5	7.340	82	364794	54.044	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	69236	35.234	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	738734	58.183	ng	-0.02
79) Terphenyl-d14	12.880	244	739114	65.887	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	48754	11.477	ng	# 73
25) Isophorone	7.340	82	353851	32.878	ng	# 66
51) 2,6-Dinitrotoluene	9.810	165	24680	8.502	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	24681	6.386	ng	# 19
77) Benzidine	12.880	184	9975	2.388	ng	# 92

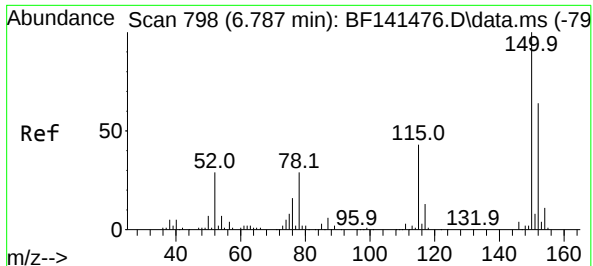
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141722.D
Acq On : 21 Feb 2025 16:17
Operator : RC/JU
Sample : Q1385-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Feb 21 16:39:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
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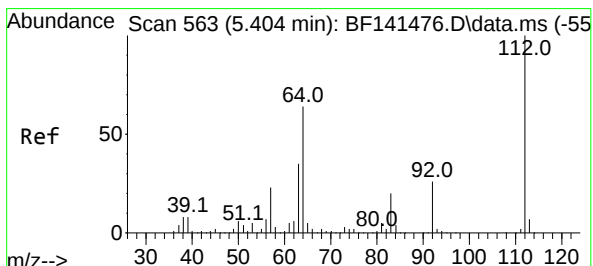
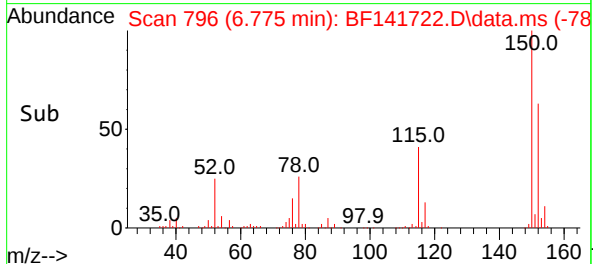
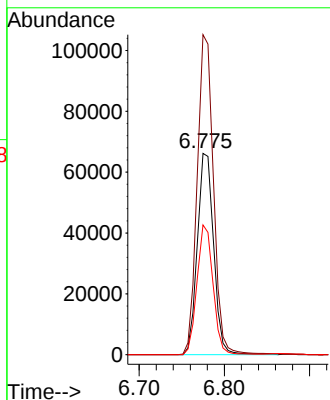
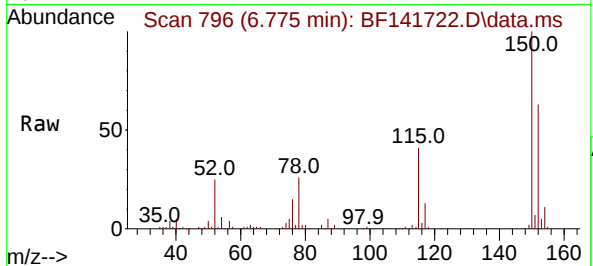




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 798
Delta R.T. -0.017 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

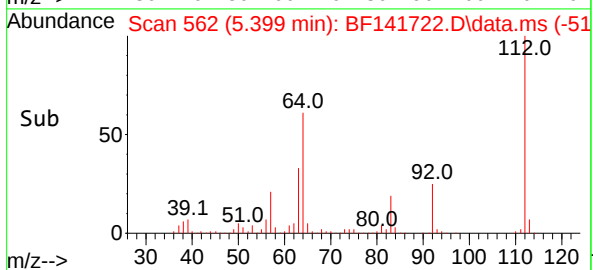
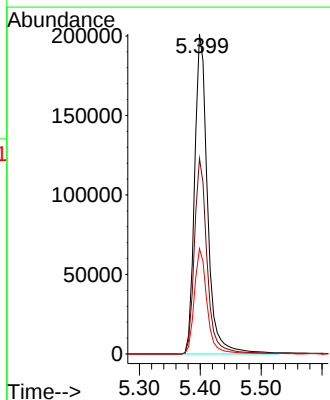
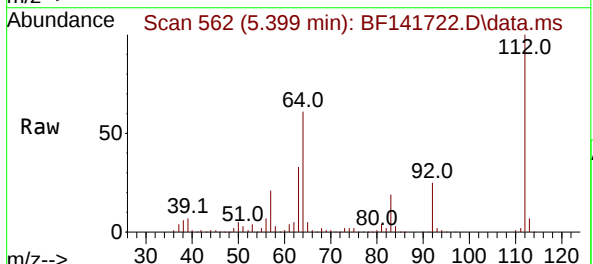
Instrument :
BNA_F
ClientSampleId :
ST-1

Tgt Ion:152 Resp: 88085
Ion Ratio Lower Upper
152 100
150 158.9 125.0 187.4
115 64.5 53.6 80.4



#5
2-Fluorophenol
Concen: 52.943 ng
RT: 5.399 min Scan# 562
Delta R.T. -0.012 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

Tgt Ion:112 Resp: 297466
Ion Ratio Lower Upper
112 100
64 61.1 51.1 76.7
63 32.9 28.4 42.6





#7
Phenol-d6
Concen: 66.471 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

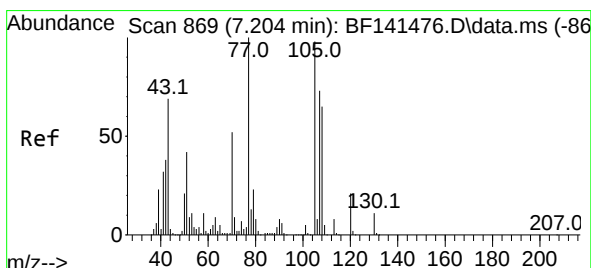
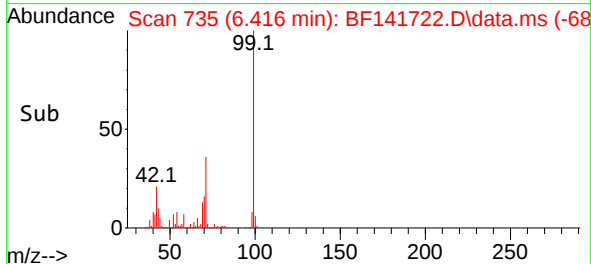
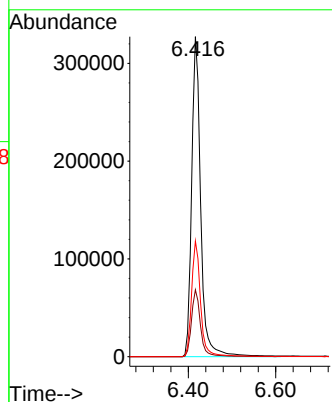
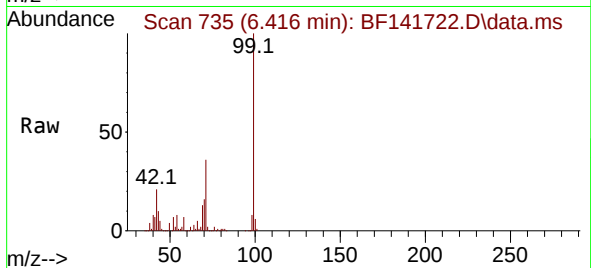
Instrument :

BNA_F

ClientSampleId :

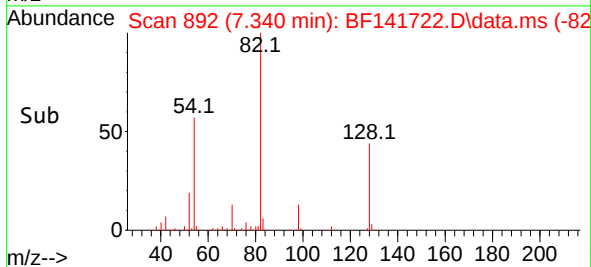
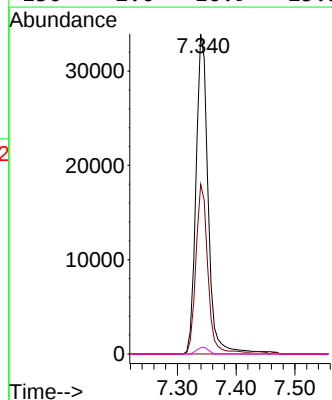
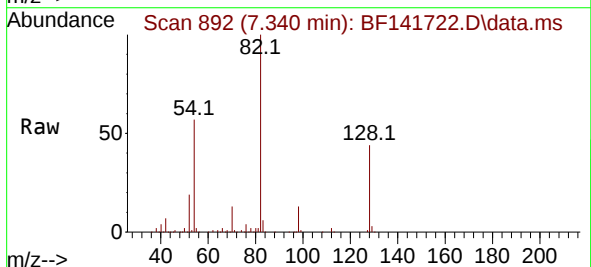
ST-1

Tgt Ion: 99 Resp: 472042
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 36.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.477 ng
RT: 7.340 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

Tgt Ion: 70 Resp: 48754
Ion Ratio Lower Upper
70 100
42 53.1 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

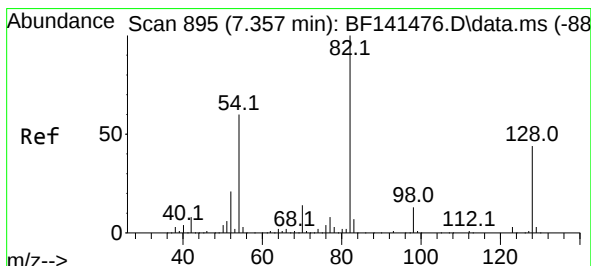
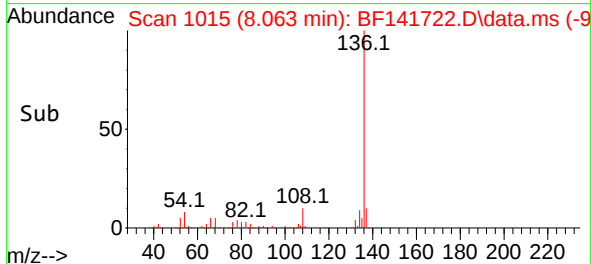
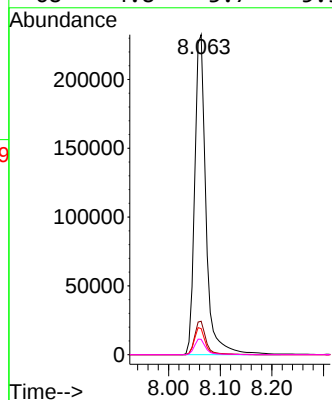
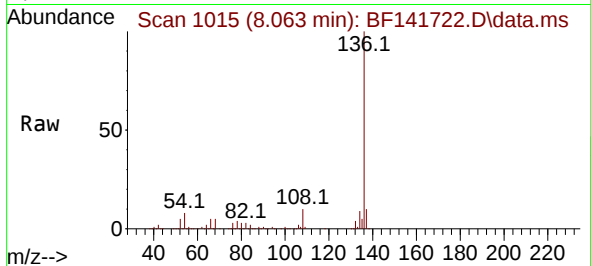




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

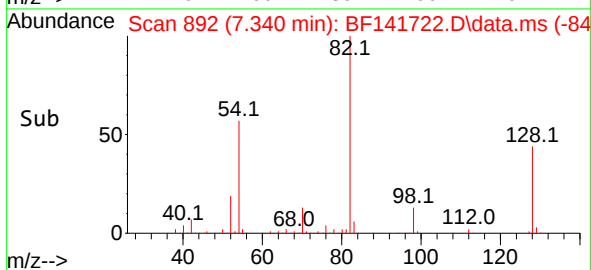
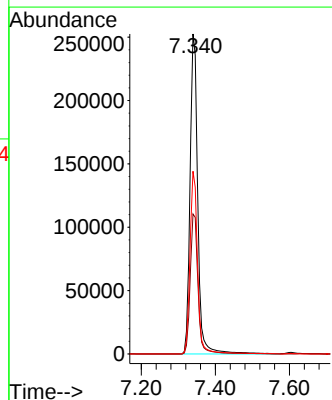
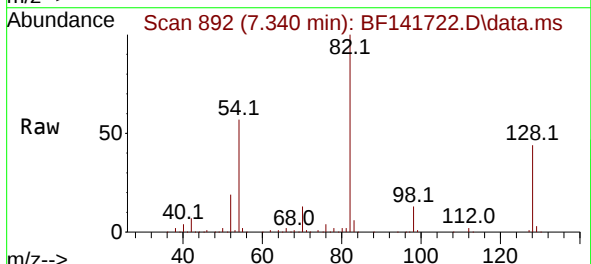
Instrument :
BNA_F
ClientSampleId :
ST-1

Tgt	Ion:136	Resp:	352067
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.2	7.2	10.8
68	4.8	3.7	5.5



#23
Nitrobenzene-d5
Concen: 54.044 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.023 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

Tgt Ion: 82	Resp: 364794
Ion Ratio	Lower Upper
82 100	
128 43.8	34.8 52.2
54 57.1	48.2 72.4

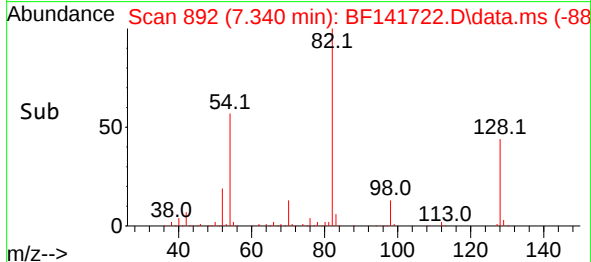
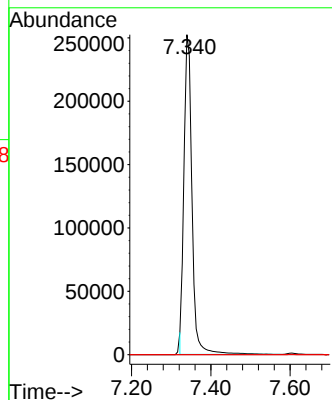
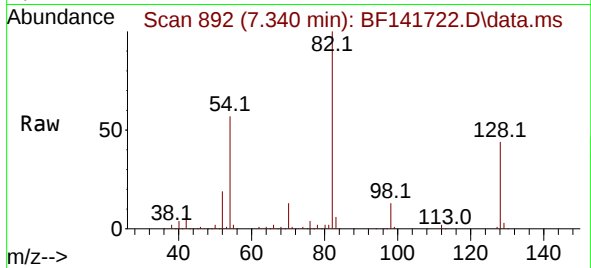




#25
Isophorone
Concen: 32.878 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.282 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

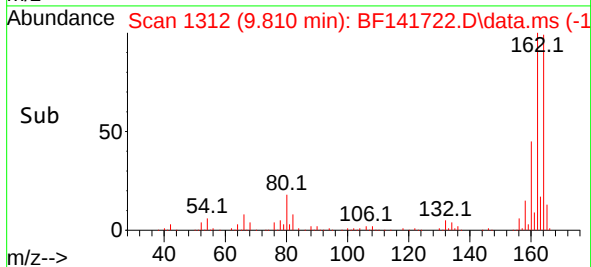
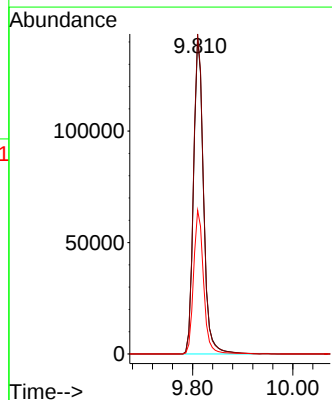
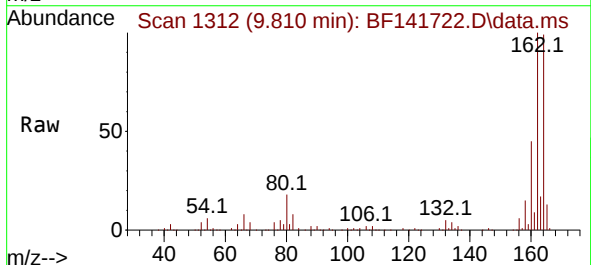
Instrument :
BNA_F
ClientSampleId :
ST-1

Tgt Ion: 82 Resp: 353851
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: 9.810 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

Tgt Ion: 164 Resp: 195612
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 45.5 35.9 53.9

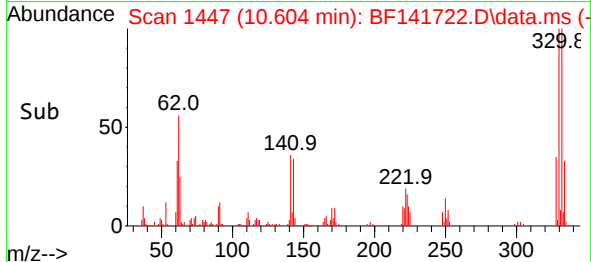
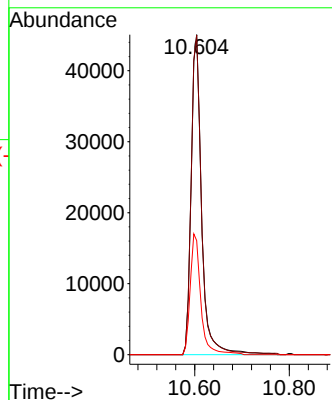
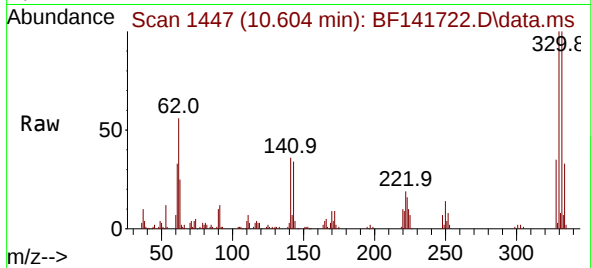




#42
2,4,6-Tribromophenol
Concen: 35.234 ng
RT: 10.604 min Scan# 1450
Delta R.T. -0.023 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

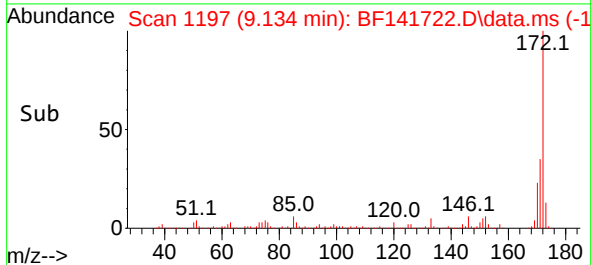
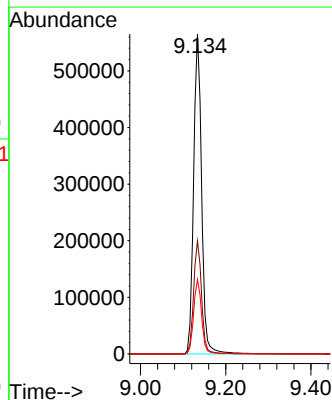
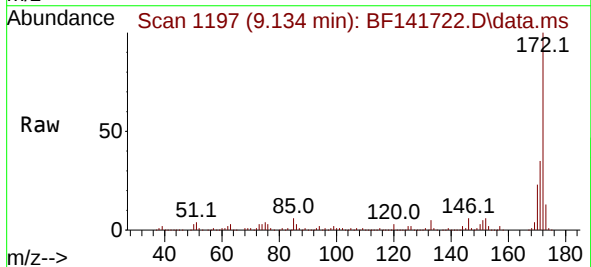
Instrument :
BNA_F
ClientSampleId :
ST-1

Tgt Ion: 330 Resp: 69236
Ion Ratio Lower Upper
330 100
332 99.3 78.5 117.7
141 38.3 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 58.183 ng
RT: 9.134 min Scan# 1197
Delta R.T. -0.017 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

Tgt Ion: 172 Resp: 738734
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.3 18.9 28.3

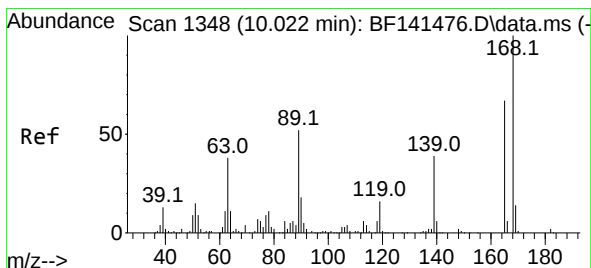
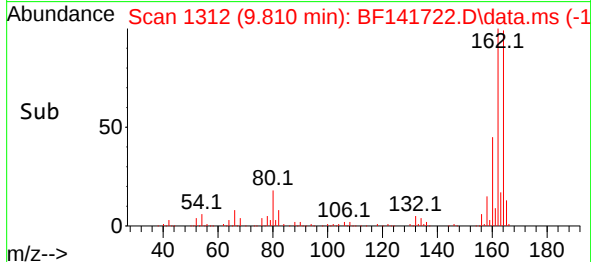
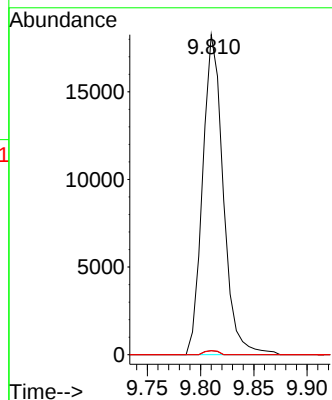
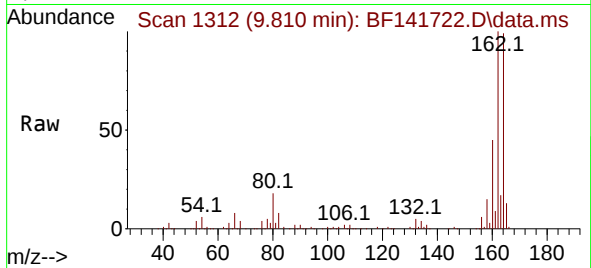




#51
2,6-Dinitrotoluene
Concen: 8.502 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

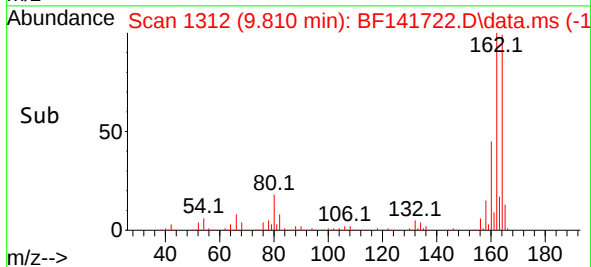
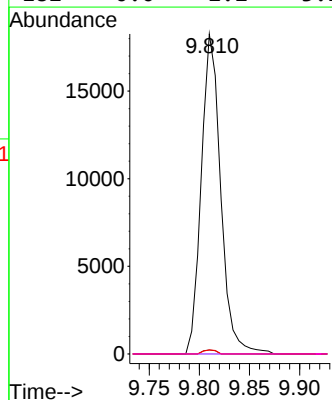
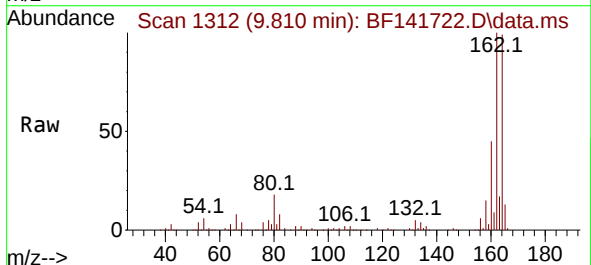
Instrument :
BNA_F
ClientSampleId :
ST-1

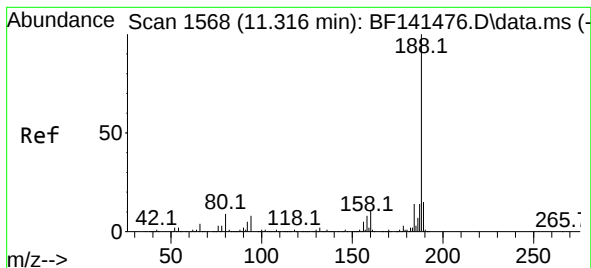
Tgt Ion:165 Resp: 24680
Ion Ratio Lower Upper
165 100
63 1.3 49.4 74.0#
89 1.3 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.386 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.217 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

Tgt Ion:165 Resp: 24681
Ion Ratio Lower Upper
165 100
63 1.3 46.4 69.6#
89 1.3 61.8 92.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141722.D

Acq: 21 Feb 2025 16:17

Instrument :

BNA_F

ClientSampleId :

ST-1

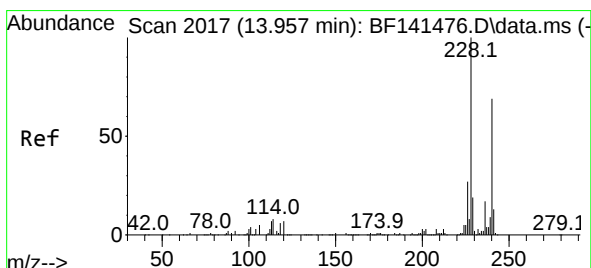
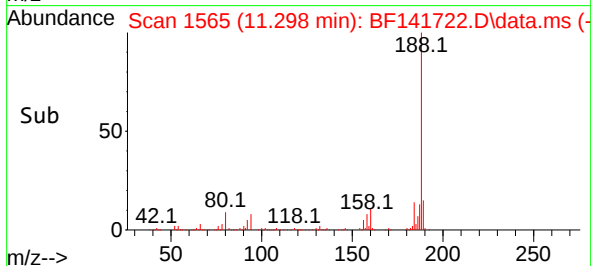
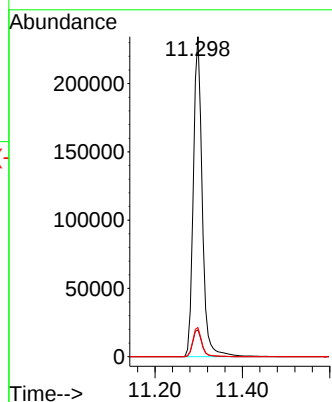
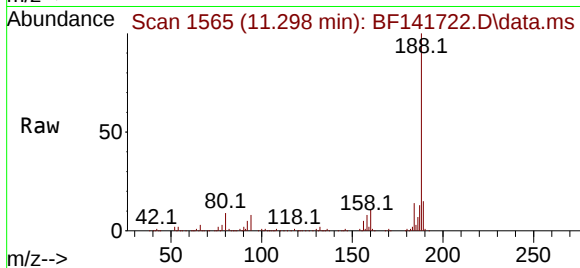
Tgt Ion:188 Resp: 332188

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.1 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.029 min

Lab File: BF141722.D

Acq: 21 Feb 2025 16:17

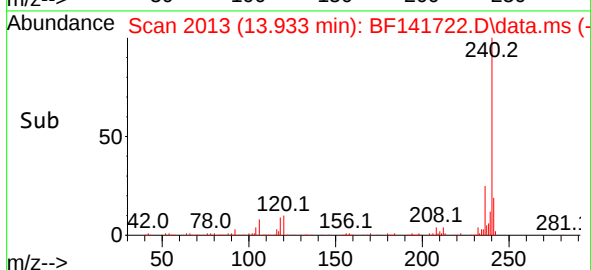
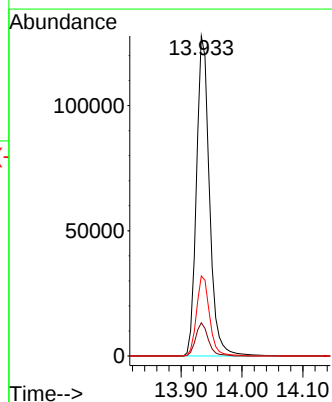
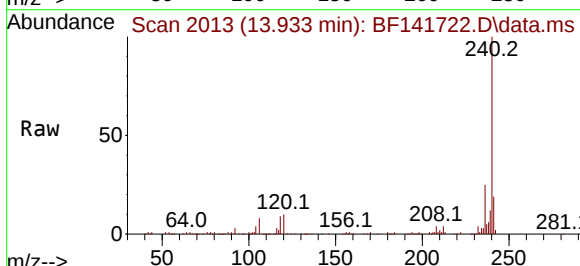
Tgt Ion:240 Resp: 189379

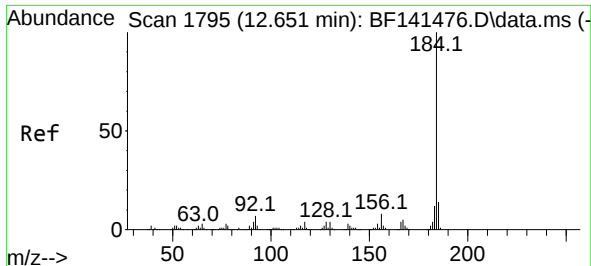
Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

236 25.0 19.8 29.8

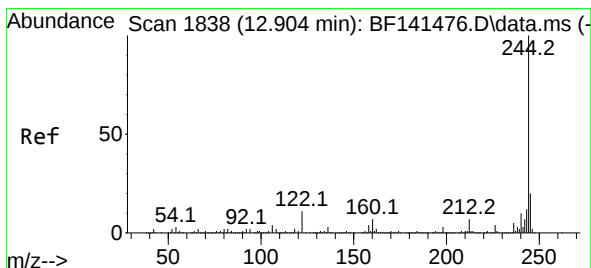
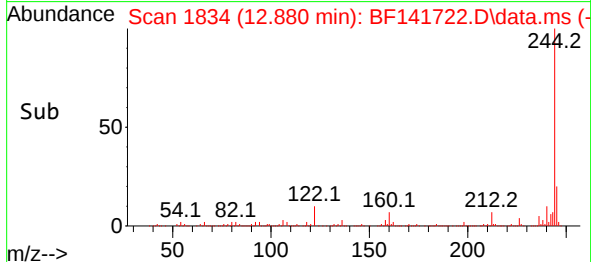
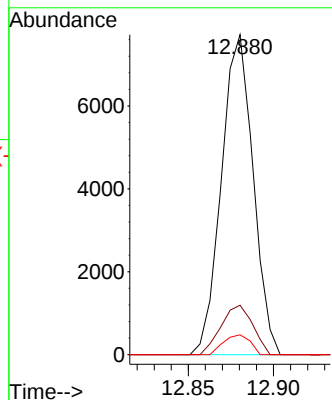
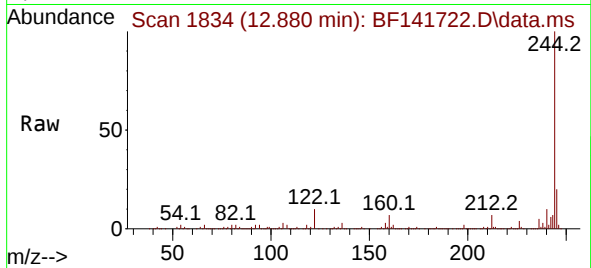




#77
Benzidine
Concen: 2.388 ng
RT: 12.880 min Scan# 1834
Delta R.T. 0.224 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

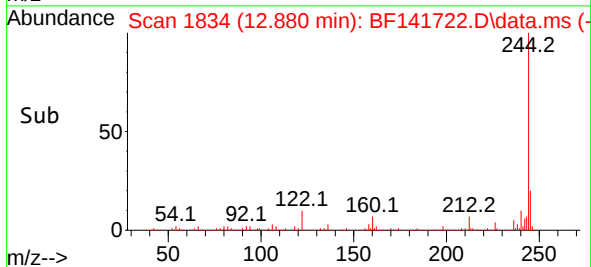
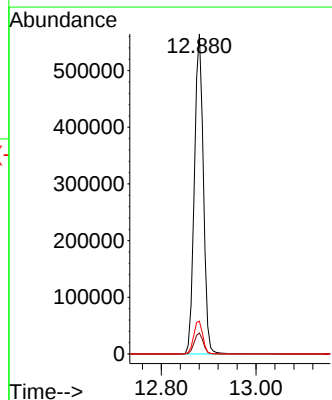
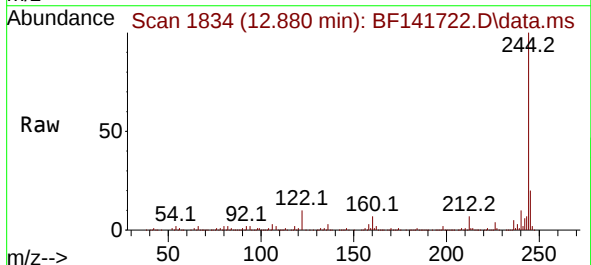
Instrument :
BNA_F
ClientSampleId :
ST-1

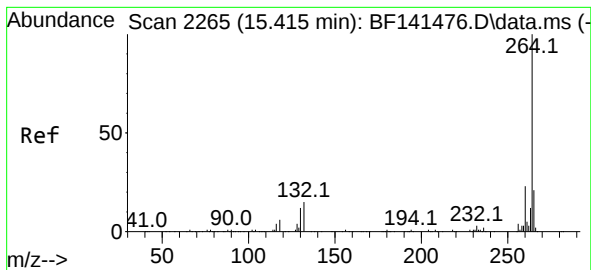
Tgt Ion:184 Resp: 9975
Ion Ratio Lower Upper
184 100
185 15.5 11.3 16.9
183 6.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 65.887 ng
RT: 12.880 min Scan# 1834
Delta R.T. -0.023 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

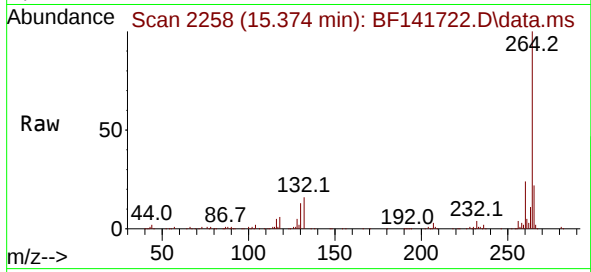
Tgt Ion:244 Resp: 739114
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.3 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 21
Delta R.T. -0.041 min
Lab File: BF141722.D
Acq: 21 Feb 2025 16:17

Instrument :
BNA_F
ClientSampleId :
ST-1



Tgt Ion:264 Resp: 182795
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.7 17.0 25.4

