

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141756.D
 Acq On : 25 Feb 2025 11:04
 Operator : RC/JU
 Sample : PB166840BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166840BL

Quant Time: Feb 25 11:24:44 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)

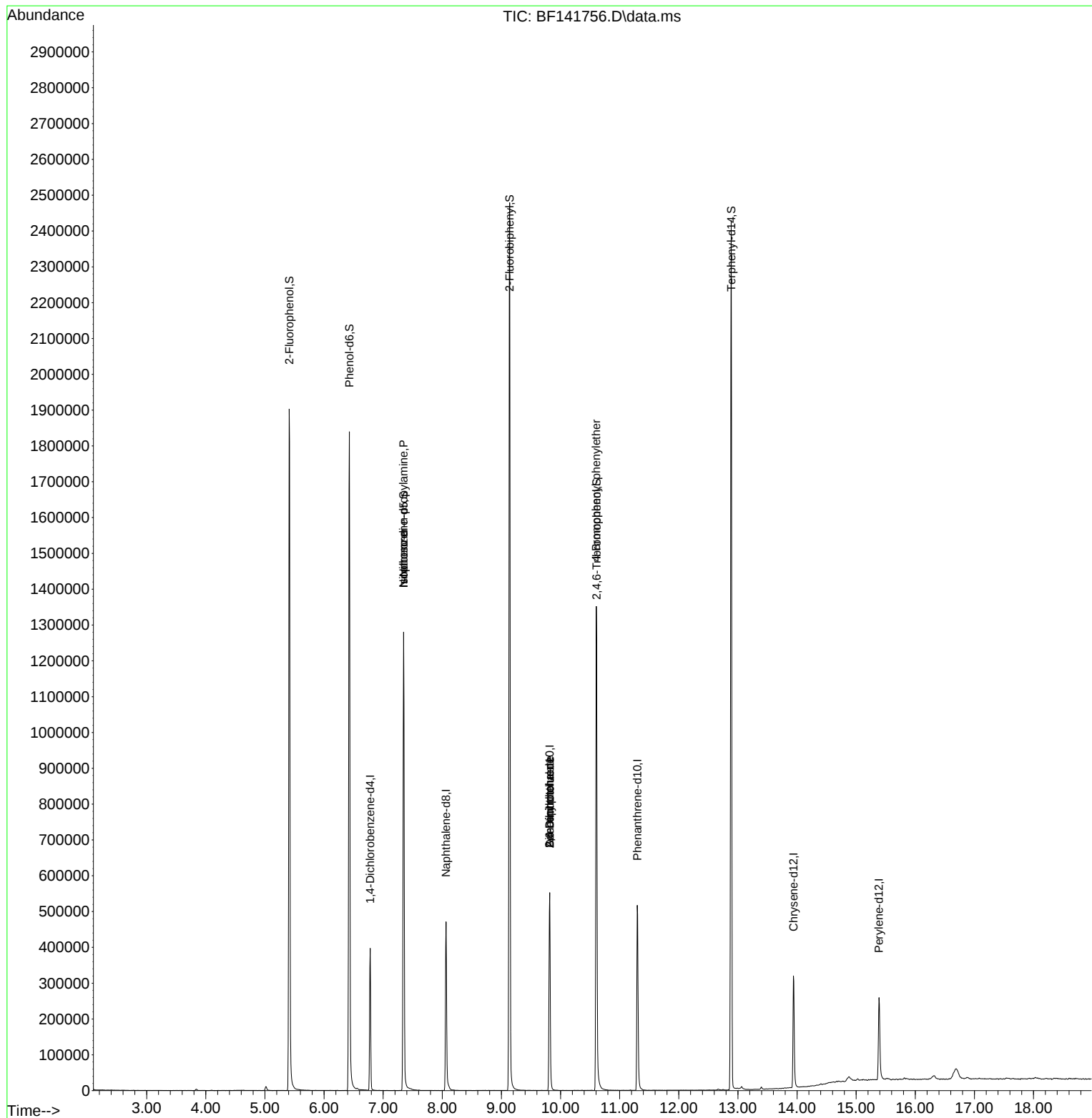
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	83105	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	337572	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	184319	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	314170	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	180438	20.000	ng	-0.02
86) Perylene-d12	15.386	264	156490	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	759746	143.323	ng	0.00
7) Phenol-d6	6.428	99	915316	136.616	ng	-0.01
23) Nitrobenzene-d5	7.345	82	610770	94.370	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	245088	132.368	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1177216	98.398	ng	-0.01
79) Terphenyl-d14	12.886	244	1223396	114.461	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	82433	20.569	ng	# 73
25) Isophorone	7.345	82	597053	57.857	ng	# 66
50) Dimethylphthalate	9.816	163	26055	2.082	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	23796	8.699	ng	# 22
57) 2,4-Dinitrotoluene	9.816	165	23796	6.535	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	16705	4.758	ng	# 1

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

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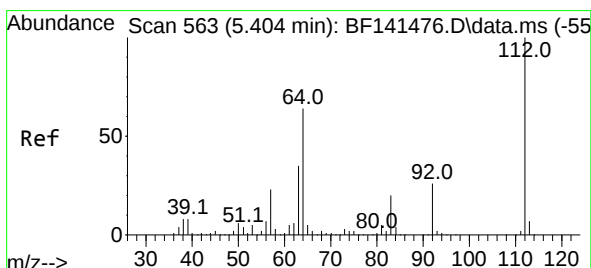
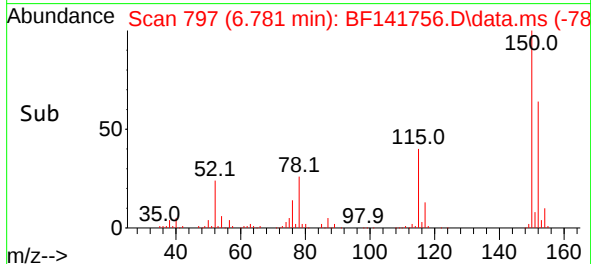
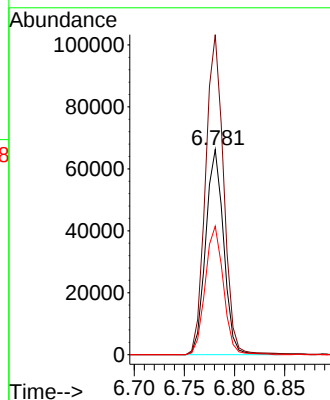
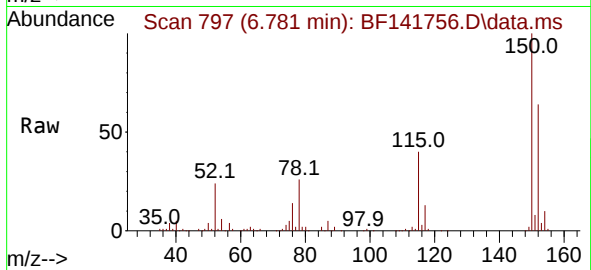




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141756.D
 Acq: 25 Feb 2025 11:04

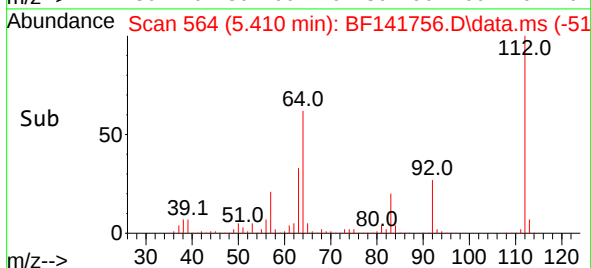
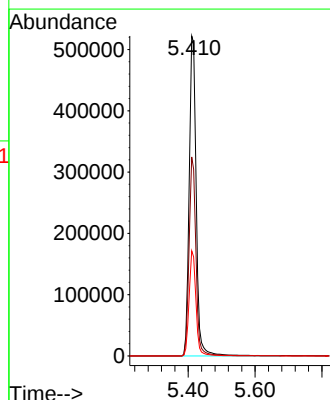
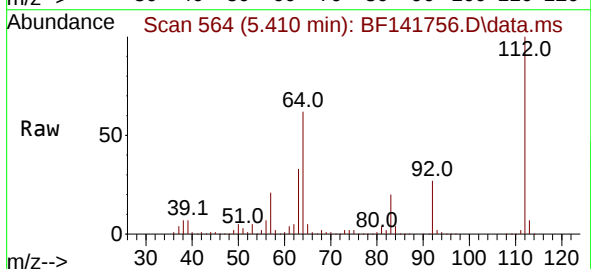
Instrument :
 BNA_F
 ClientSampleId :
 PB166840BL

Tgt Ion:152 Resp: 83105
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.0 187.4
 115 62.6 53.6 80.4



#5
 2-Fluorophenol
 Concen: 143.323 ng
 RT: 5.410 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF141756.D
 Acq: 25 Feb 2025 11:04

Tgt Ion:112 Resp: 759746
 Ion Ratio Lower Upper
 112 100
 64 62.2 51.1 76.7
 63 32.8 28.4 42.6

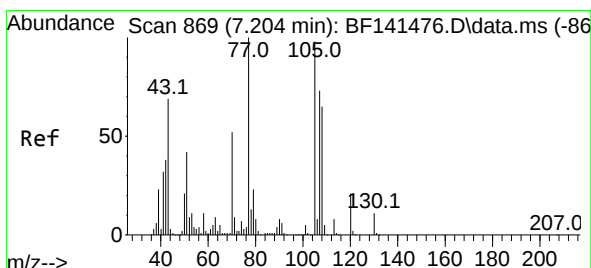
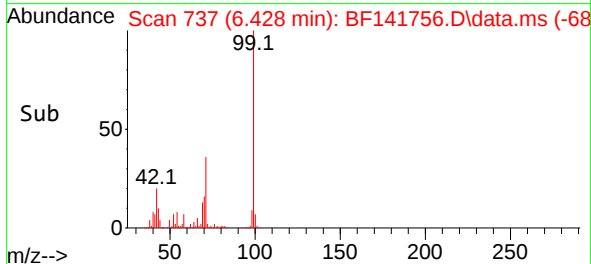
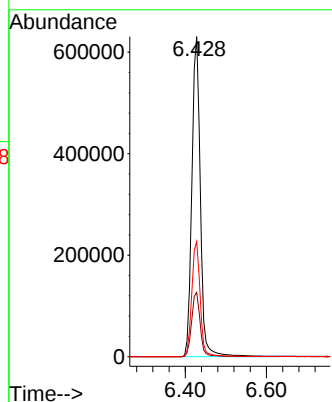
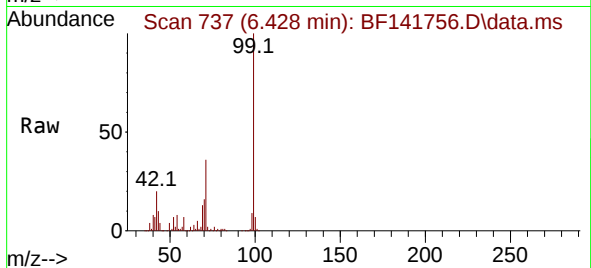




#7
Phenol-d6
Concen: 136.616 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

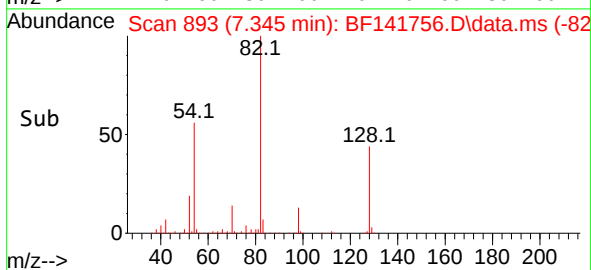
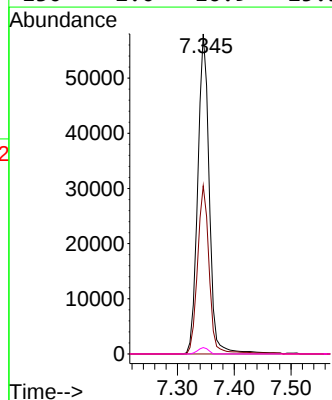
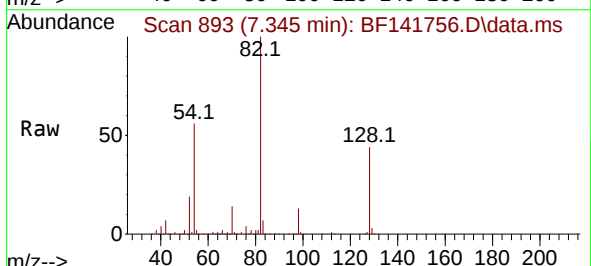
Instrument :
BNA_F
ClientSampleId :
PB166840BL

Tgt Ion: 99 Resp: 915316
Ion Ratio Lower Upper
99 100
42 20.1 19.1 28.7
71 35.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.569 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

Tgt Ion: 70 Resp: 82433
Ion Ratio Lower Upper
70 100
42 52.5 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

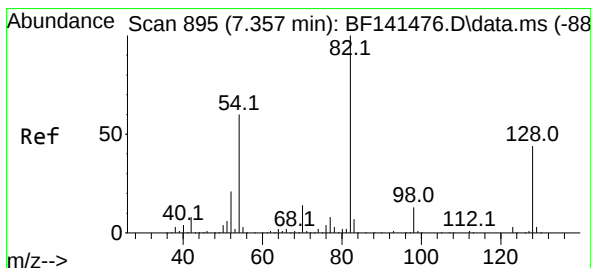
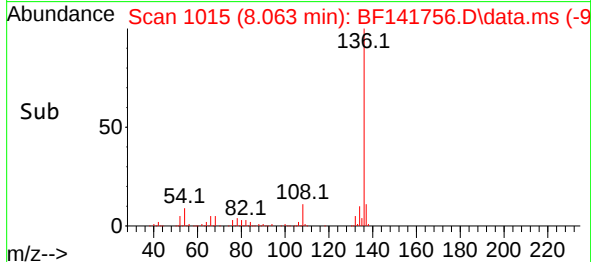
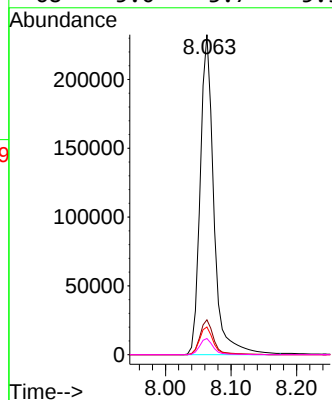
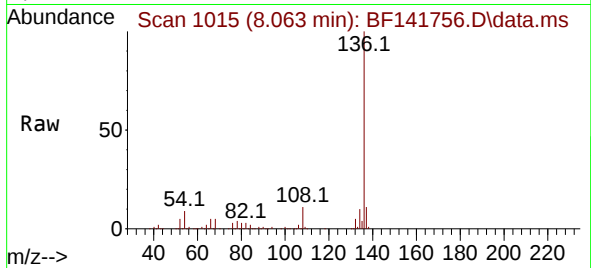




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

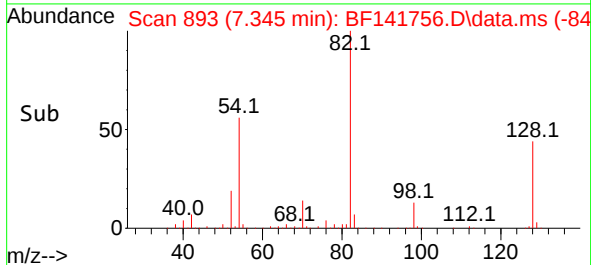
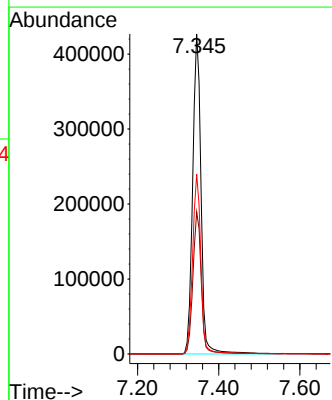
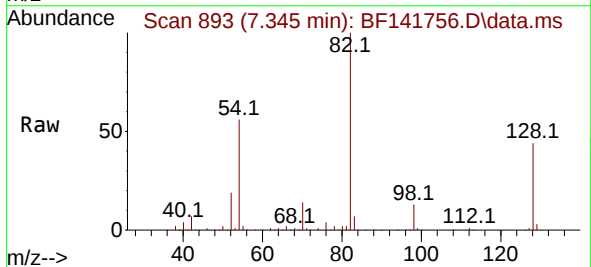
Instrument :
BNA_F
ClientSampleId :
PB166840BL

Tgt Ion:136 Resp: 337572
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.2 10.8
68 5.0 3.7 5.5



#23
Nitrobenzene-d5
Concen: 94.370 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

Tgt Ion: 82 Resp: 610770
Ion Ratio Lower Upper
82 100
128 44.4 34.8 52.2
54 56.2 48.2 72.4

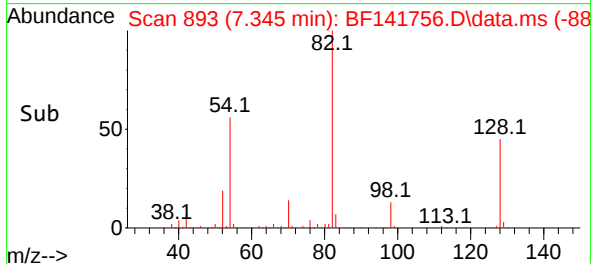
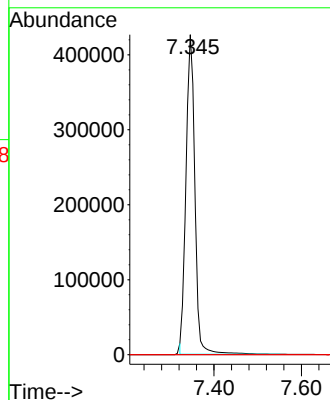
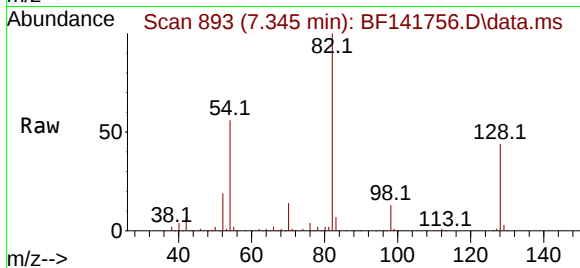




#25
Isophorone
Concen: 57.857 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

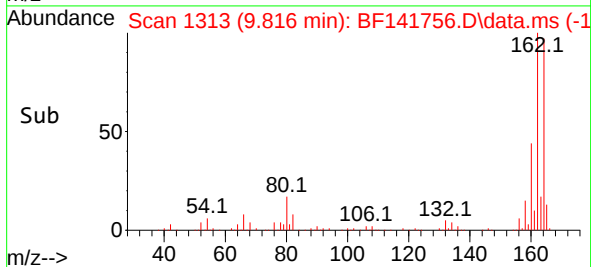
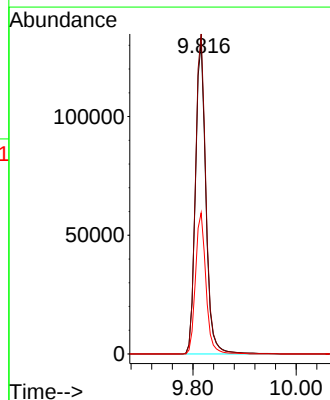
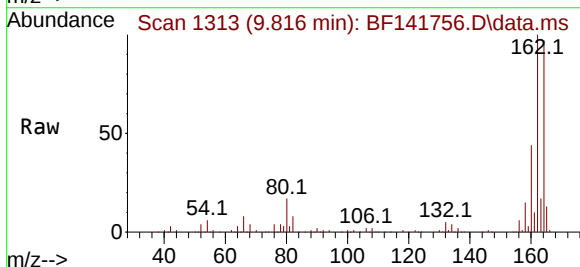
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ClientSampleId :
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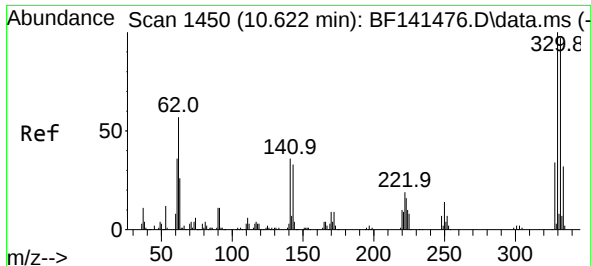
Tgt Ion: 82 Resp: 597053
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

Tgt Ion:164 Resp: 184319
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 45.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 132.368 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141756.D

Acq: 25 Feb 2025 11:04

Instrument :

BNA_F

ClientSampleId :

PB166840BL

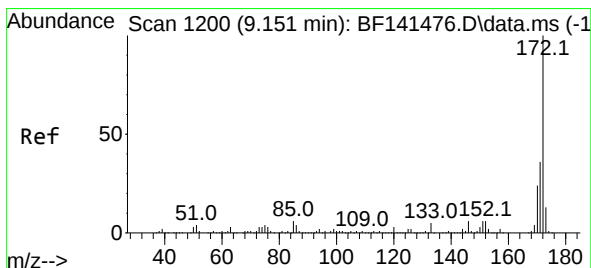
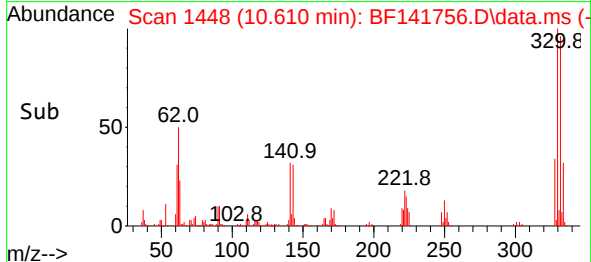
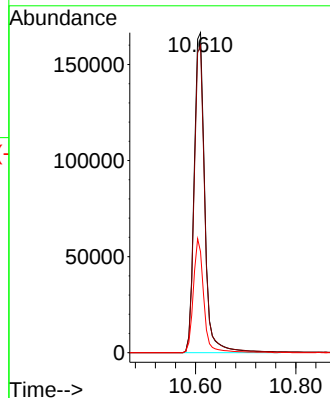
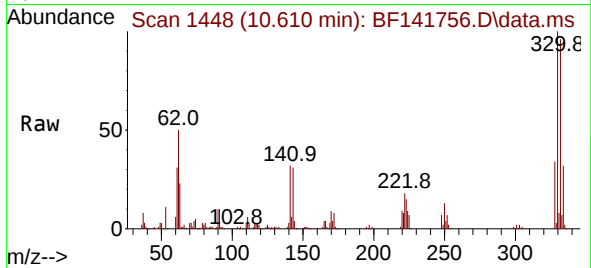
Tgt Ion:330 Resp: 245088

Ion Ratio Lower Upper

330 100

332 97.0 78.5 117.7

141 34.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 98.398 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141756.D

Acq: 25 Feb 2025 11:04

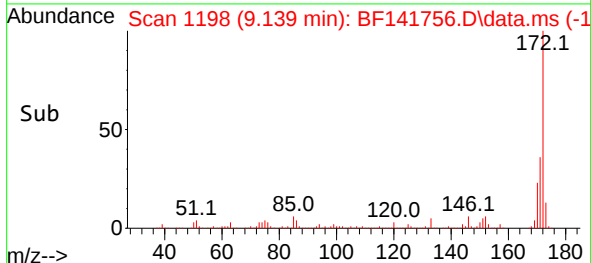
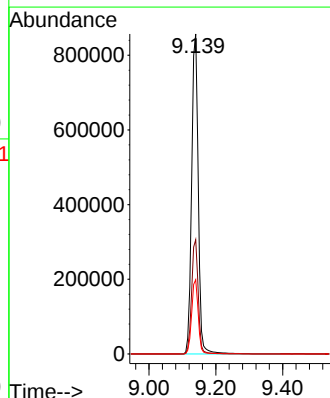
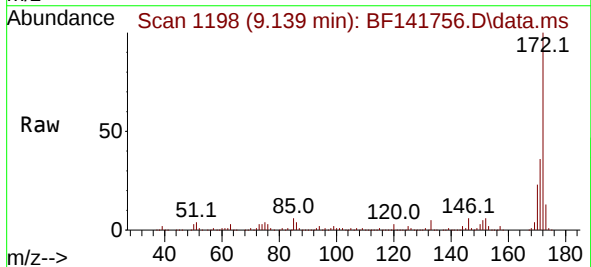
Tgt Ion:172 Resp: 1177216

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.2 18.9 28.3

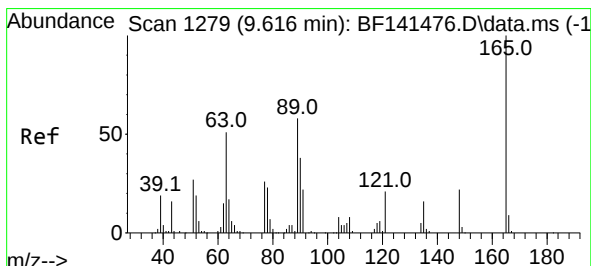
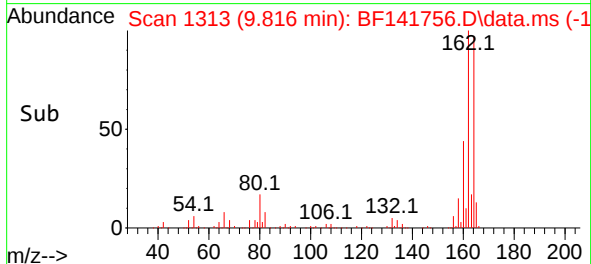
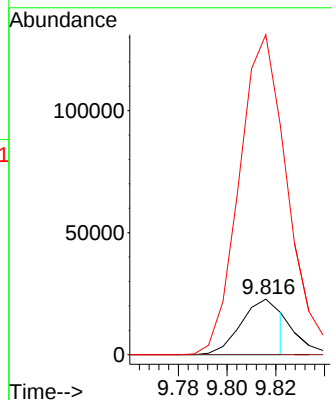
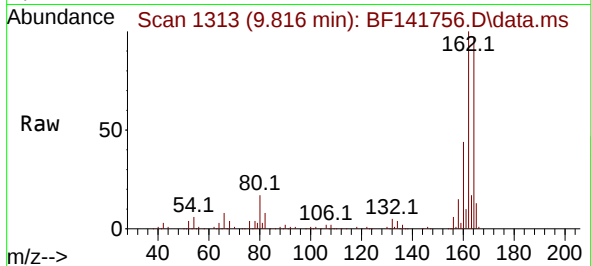




#50
Dimethylphthalate
Concen: 2.082 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

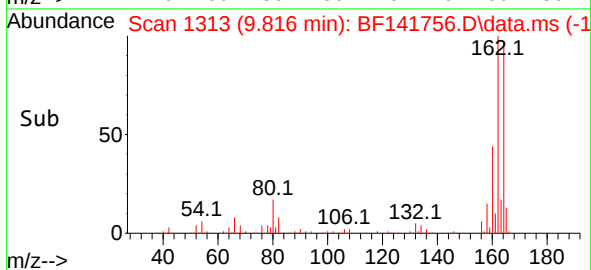
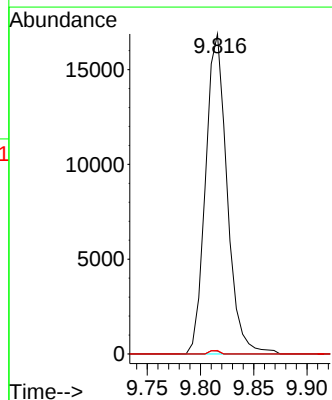
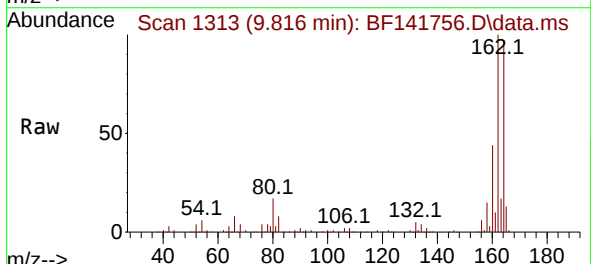
Instrument :
BNA_F
ClientSampleId :
PB166840BL

Tgt Ion:163 Resp: 26055
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 576.2 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.699 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.194 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

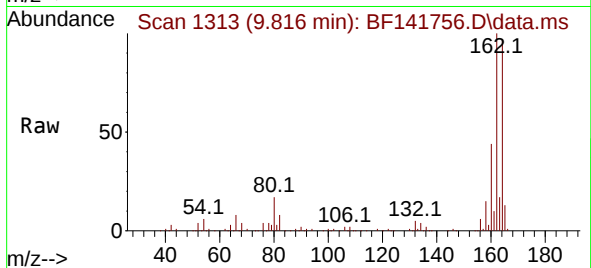
Tgt Ion:165 Resp: 23796
Ion Ratio Lower Upper
165 100
63 0.9 49.4 74.0#
89 1.1 46.5 69.7#



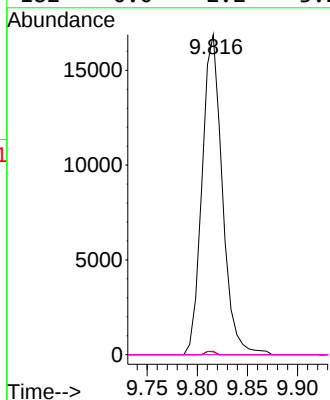
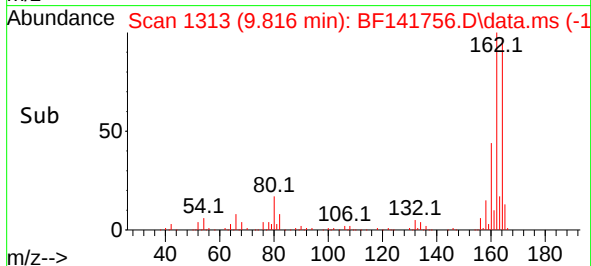


#57
2,4-Dinitrotoluene
Concen: 6.535 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

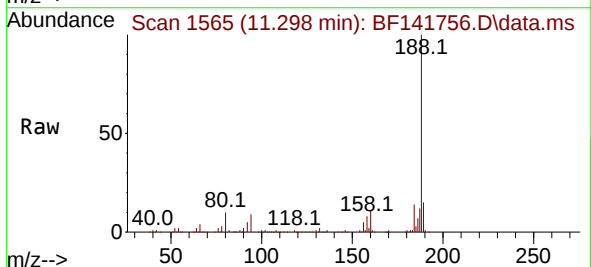
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ClientSampleId :
PB166840BL



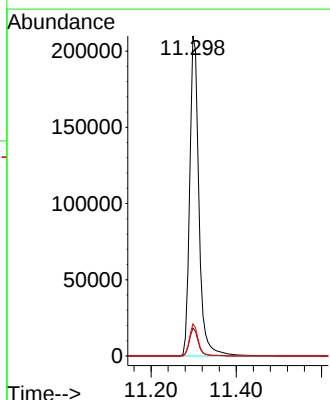
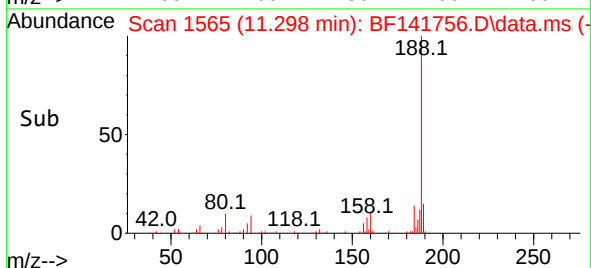
Tgt Ion:165 Resp: 23796
Ion Ratio Lower Upper
165 100
63 0.9 46.4 69.6#
89 1.1 61.8 92.6#
182 0.0 2.2 3.2#

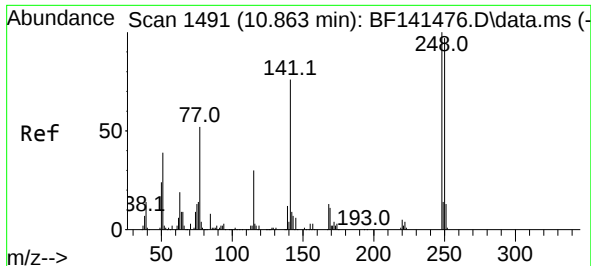


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04



Tgt Ion:188 Resp: 314170
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 10.0 7.3 10.9

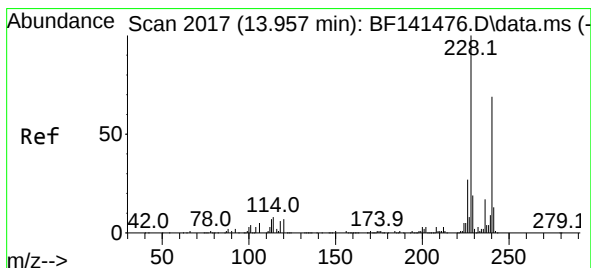
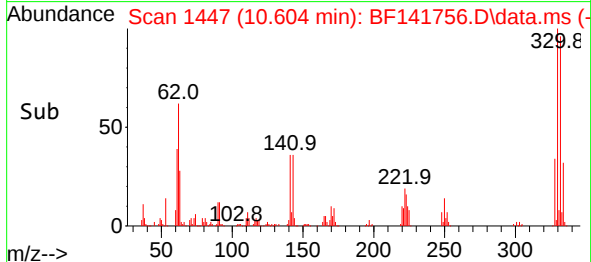
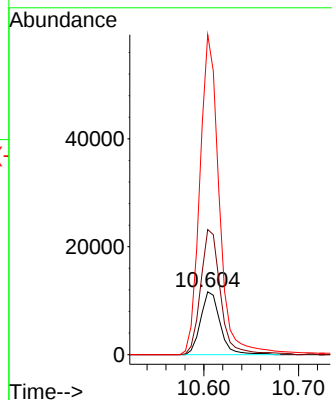
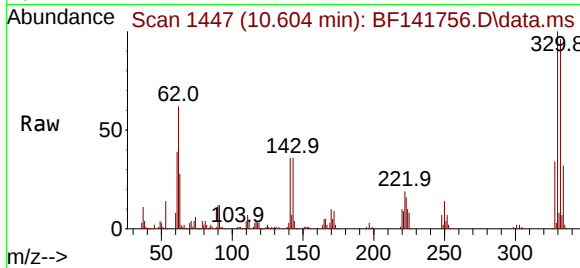




#67
4-Bromophenyl-phenylether
Concen: 4.758 ng
RT: 10.604 min Scan# 1491
Delta R.T. -0.259 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

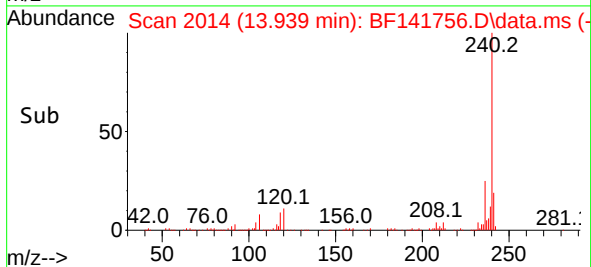
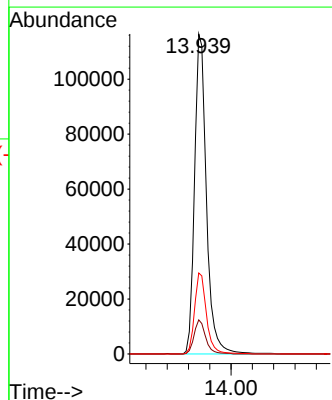
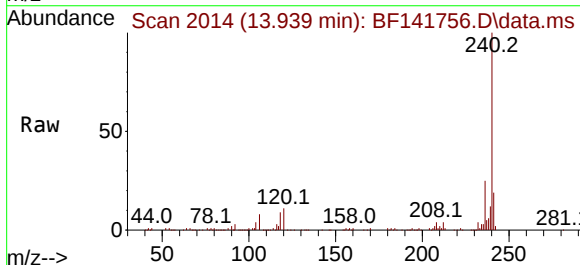
Instrument :
BNA_F
ClientSampleId :
PB166840BL

Tgt Ion:248 Resp: 16705
Ion Ratio Lower Upper
248 100
250 198.9 77.8 116.6#
141 508.6 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: BF141756.D
Acq: 25 Feb 2025 11:04

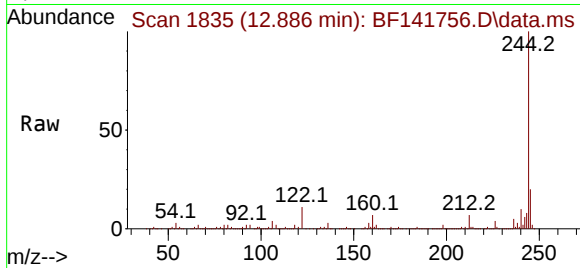
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Ion Ratio Lower Upper
240 100
120 10.7 8.0 12.0
236 25.3 19.8 29.8



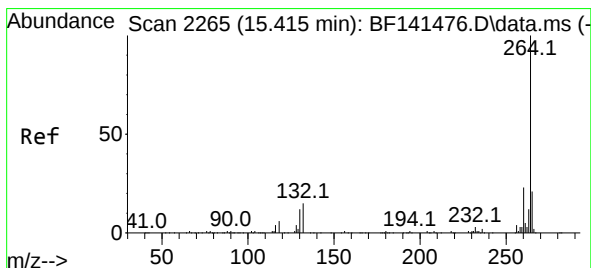
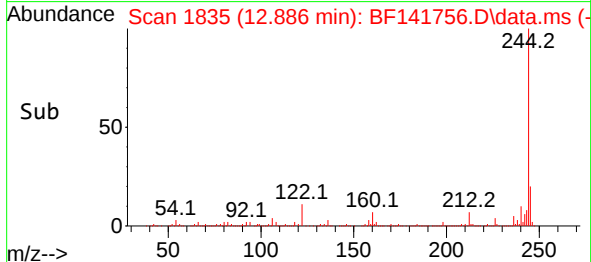
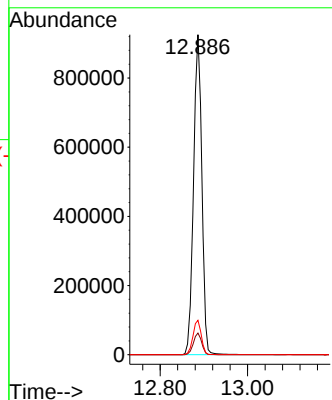


#79
 Terphenyl-d14
 Concen: 114.461 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.017 min
 Lab File: BF141756.D
 Acq: 25 Feb 2025 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB166840BL



Tgt Ion:244 Resp: 1223396
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.7 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: BF141756.D
 Acq: 25 Feb 2025 11:04

Tgt Ion:264 Resp: 156490
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.6 17.0 25.4

