

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141656.D
 Acq On : 18 Feb 2025 10:49
 Operator : RC/JU
 Sample : PB166741BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166741BL

Quant Time: Feb 18 11:13:23 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)

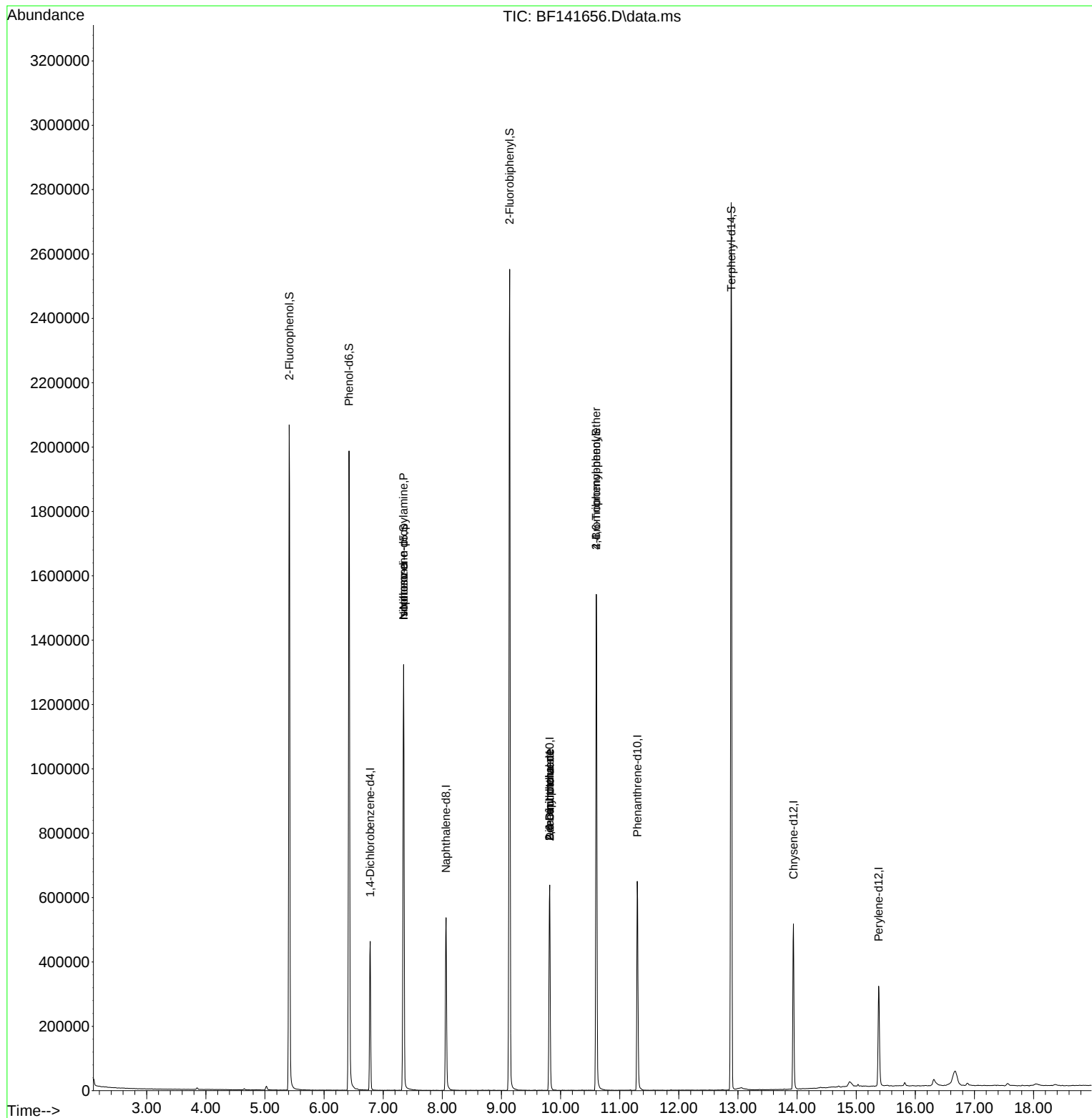
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	96632	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	381579	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	206410	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	366623	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	268627	20.000	ng	-0.02
86) Perylene-d12	15.380	264	196762	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	777507	126.142	ng	0.00
7) Phenol-d6	6.422	99	946480	121.492	ng	-0.02
23) Nitrobenzene-d5	7.345	82	627294	85.745	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	259932	125.360	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1202398	89.747	ng	-0.01
79) Terphenyl-d14	12.886	244	1399293	87.938	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	84031	18.033	ng	# 74
25) Isophorone	7.345	82	610253	52.316	ng	# 66
50) Dimethylphthalate	9.816	163	30561	2.181	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	26066	8.509	ng	# 22
57) 2,4-Dinitrotoluene	9.816	165	26066	6.392	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	17744	4.330	ng	# 1

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

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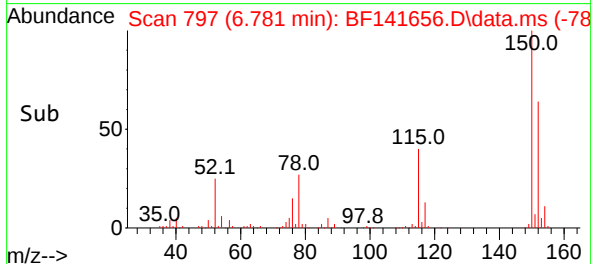
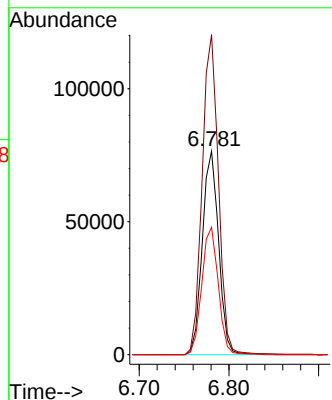
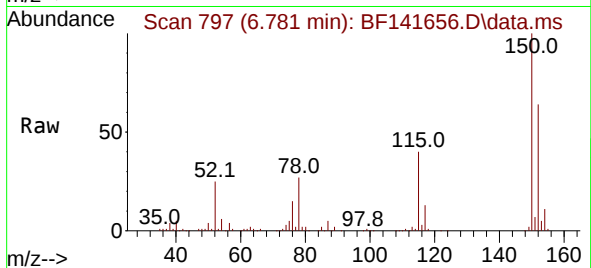




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141656.D
 Acq: 18 Feb 2025 10:49

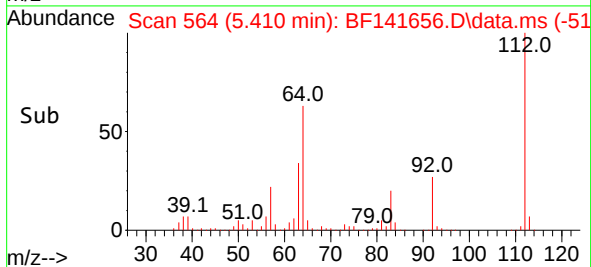
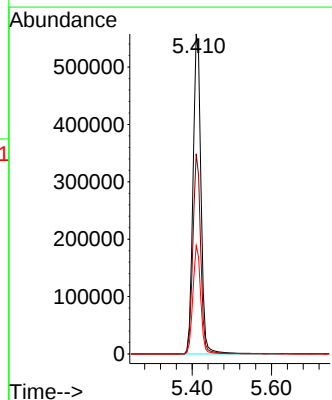
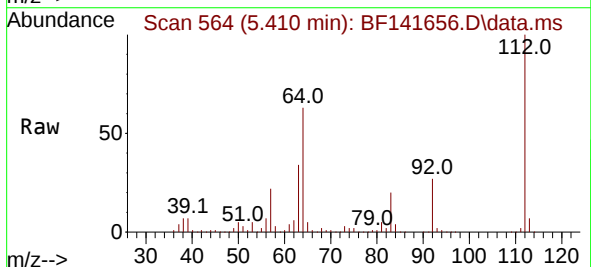
Instrument :
 BNA_F
 ClientSampleId :
 PB166741BL

Tgt Ion:152 Resp: 96632
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.0 187.4
 115 62.6 53.6 80.4



#5
 2-Fluorophenol
 Concen: 126.142 ng
 RT: 5.410 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF141656.D
 Acq: 18 Feb 2025 10:49

Tgt Ion:112 Resp: 777507
 Ion Ratio Lower Upper
 112 100
 64 62.6 51.1 76.7
 63 33.9 28.4 42.6

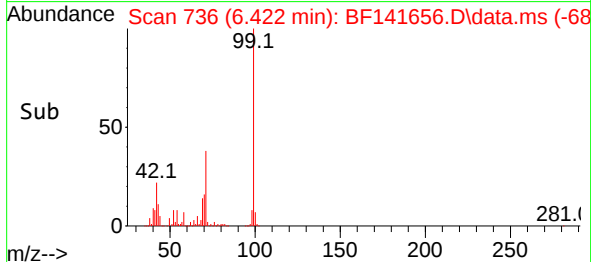
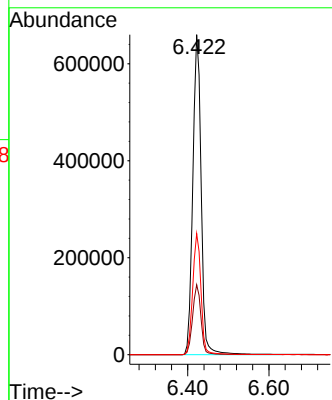
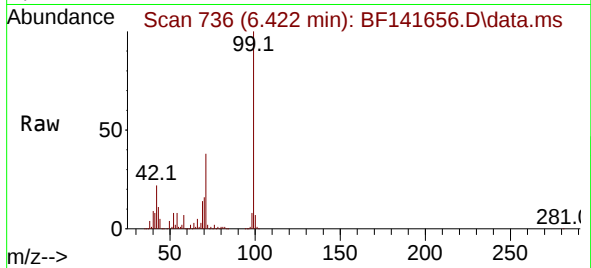




#7
Phenol-d6
Concen: 121.492 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141656.D
Acq: 18 Feb 2025 10:49

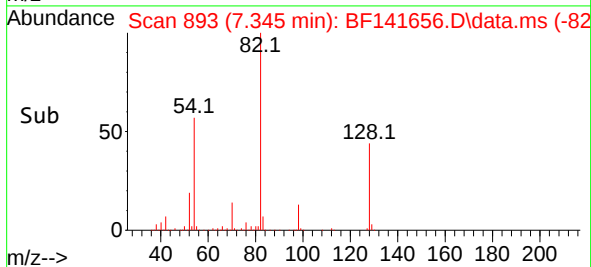
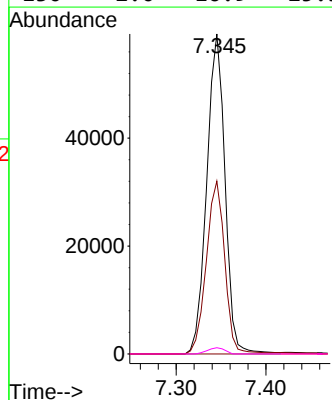
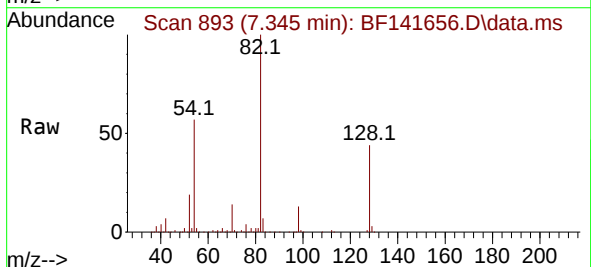
Instrument :
BNA_F
ClientSampleId :
PB166741BL

Tgt Ion: 99 Resp: 946480
Ion Ratio Lower Upper
99 100
42 21.9 19.1 28.7
71 37.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.033 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF141656.D
Acq: 18 Feb 2025 10:49

Tgt Ion: 70 Resp: 84031
Ion Ratio Lower Upper
70 100
42 54.0 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

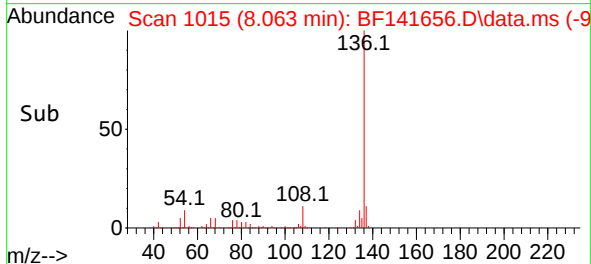
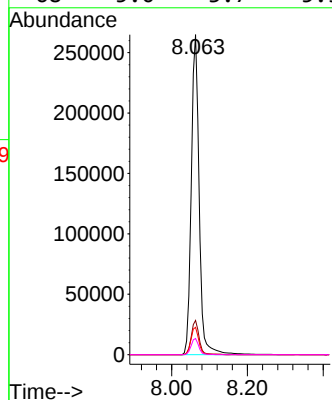
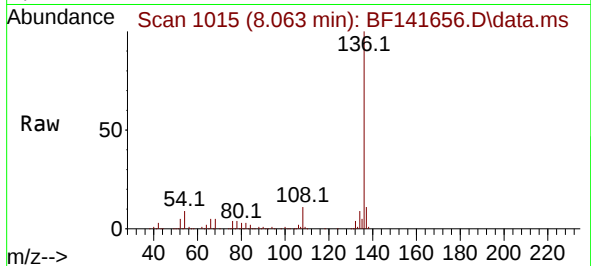




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141656.D
Acq: 18 Feb 2025 10:49

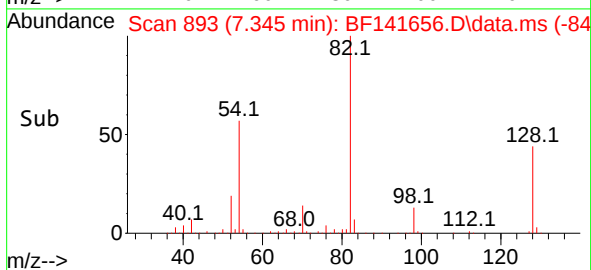
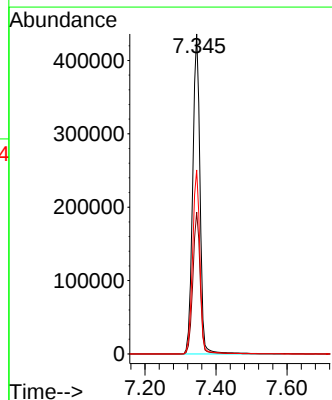
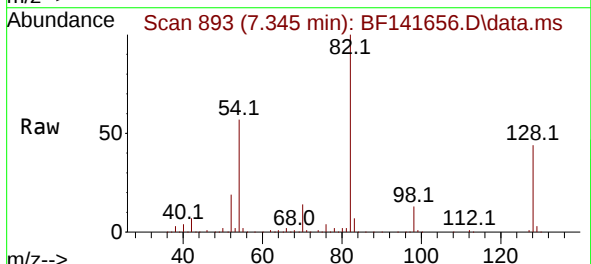
Instrument :
BNA_F
ClientSampleId :
PB166741BL

Tgt Ion:136 Resp: 381579
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.5 7.2 10.8
68 5.0 3.7 5.5



#23
Nitrobenzene-d5
Concen: 85.745 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF141656.D
Acq: 18 Feb 2025 10:49

Tgt Ion: 82 Resp: 627294
Ion Ratio Lower Upper
82 100
128 44.3 34.8 52.2
54 57.5 48.2 72.4

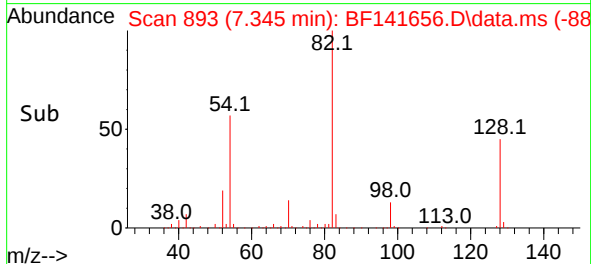
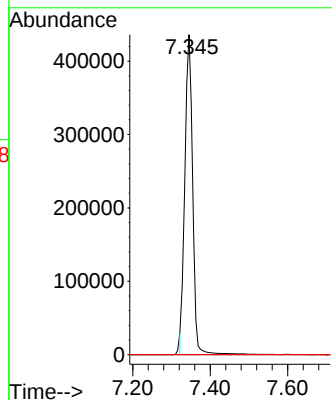
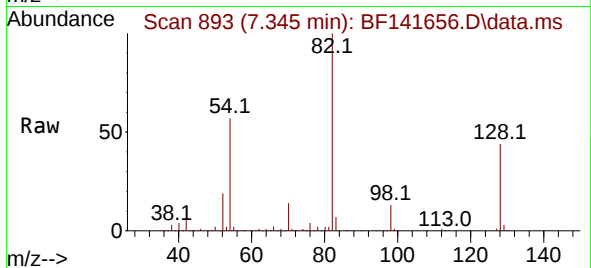




#25
Isophorone
Concen: 52.316 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141656.D
Acq: 18 Feb 2025 10:49

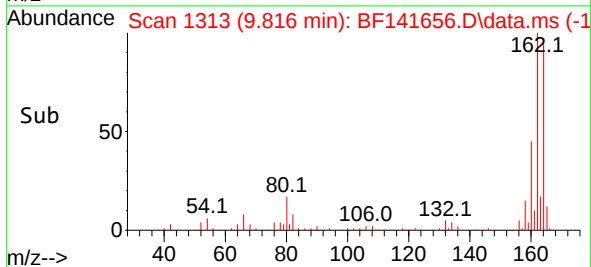
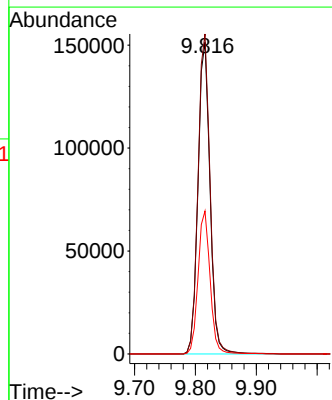
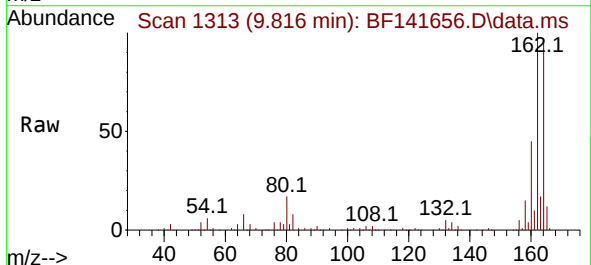
Instrument :
BNA_F
ClientSampleId :
PB166741BL

Tgt Ion: 82 Resp: 610253
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: BF141656.D
Acq: 18 Feb 2025 10:49

Tgt Ion:164 Resp: 206410
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 45.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 125.360 ng

RT: 10.604 min Scan# 1450

Delta R.T. -0.023 min

Lab File: BF141656.D

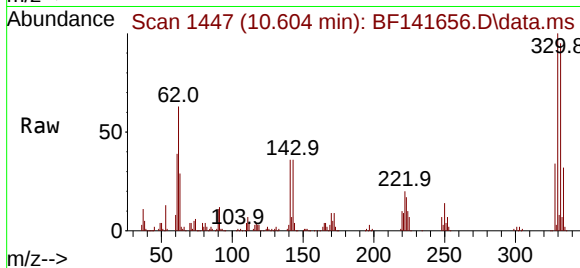
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Instrument :

BNA_F

ClientSampleId :

PB166741BL



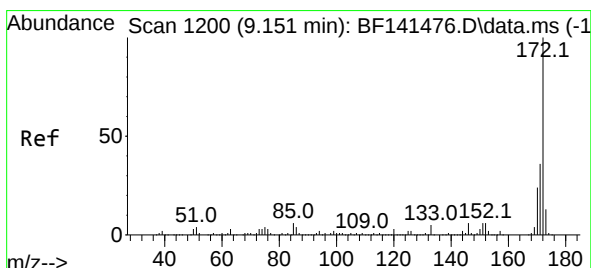
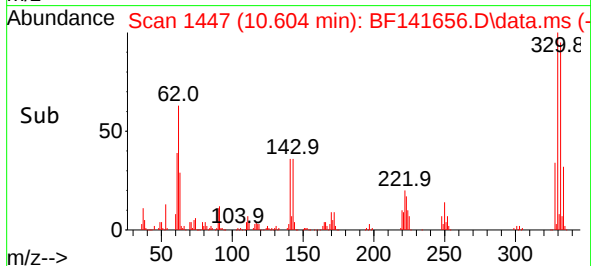
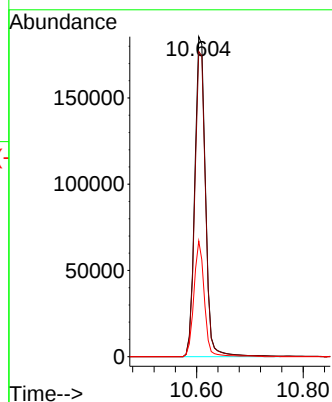
Tgt Ion:330 Resp: 259932

Ion Ratio Lower Upper

330 100

332 95.6 78.5 117.7

141 35.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 89.747 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141656.D

Acq: 18 Feb 2025 10:49

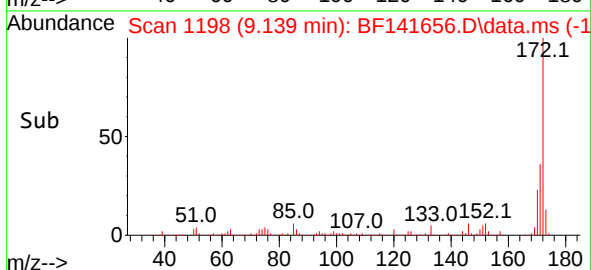
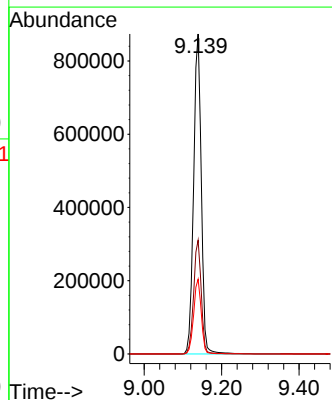
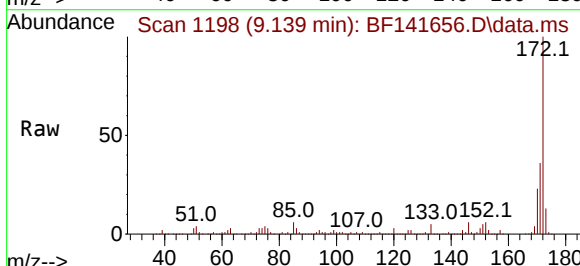
Tgt Ion:172 Resp: 1202398

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.4 18.9 28.3

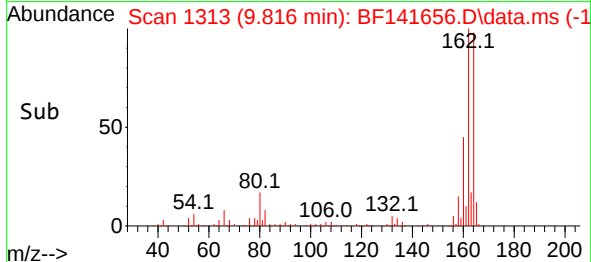
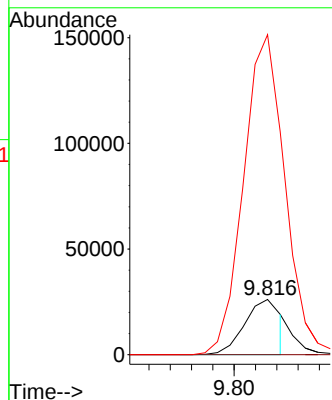
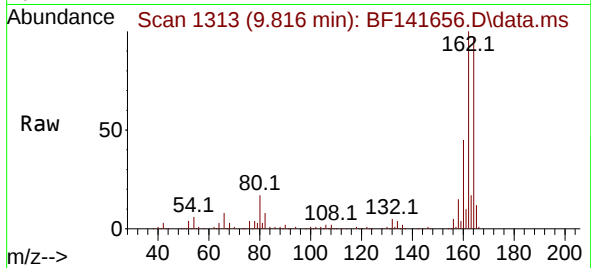




#50
Dimethylphthalate
Concen: 2.181 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.253 min
Lab File: BF141656.D
Acq: 18 Feb 2025 10:49

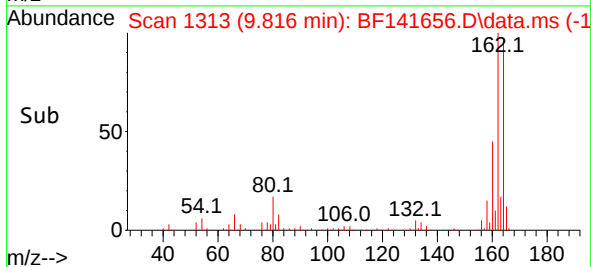
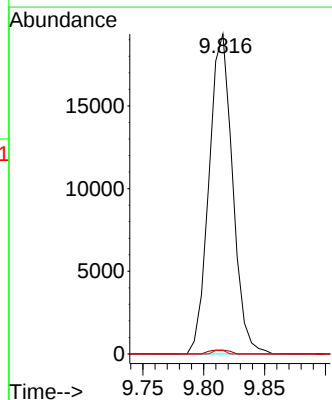
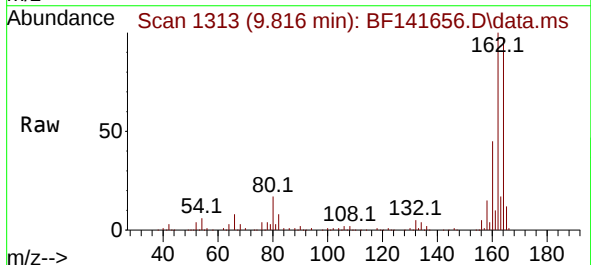
Instrument :
BNA_F
ClientSampleId :
PB166741BL

Tgt Ion:163 Resp: 30561
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 579.4 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.509 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.194 min
Lab File: BF141656.D
Acq: 18 Feb 2025 10:49

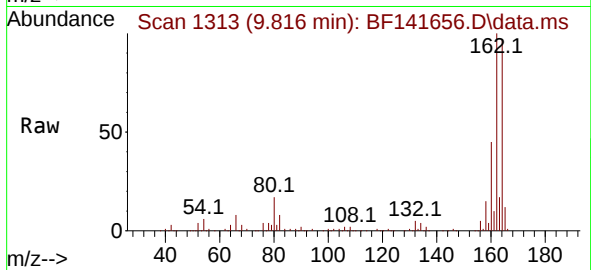
Tgt Ion:165 Resp: 26066
Ion Ratio Lower Upper
165 100
63 1.2 49.4 74.0#
89 1.1 46.5 69.7#



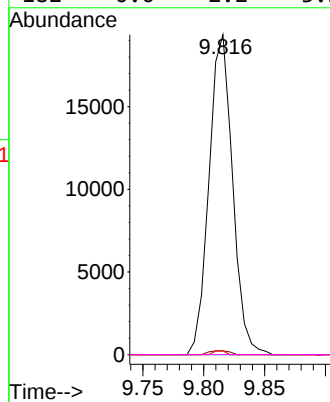
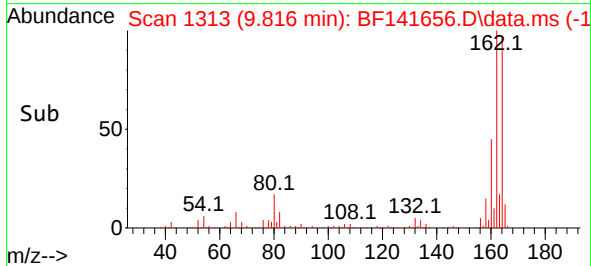


#57
2,4-Dinitrotoluene
Concen: 6.392 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF141656.D
Acq: 18 Feb 2025 10:49

Instrument :
BNA_F
ClientSampleId :
PB166741BL

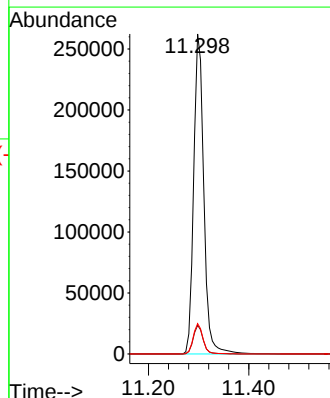
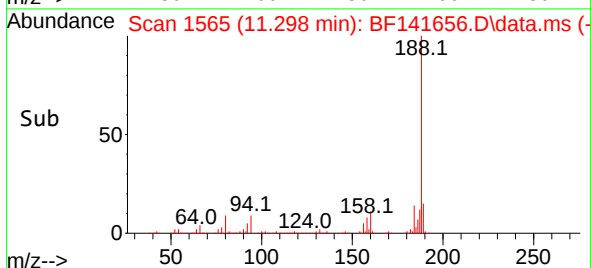
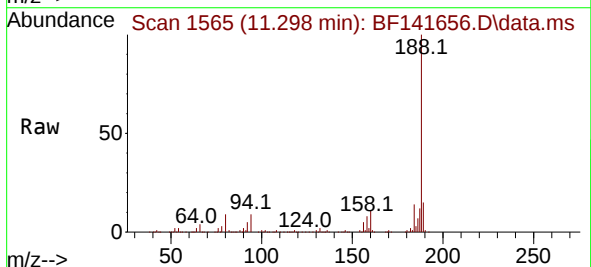


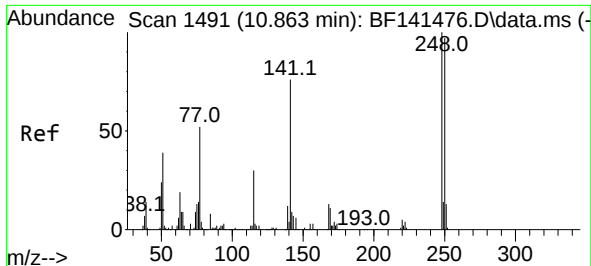
Tgt Ion:165 Resp: 26066
Ion Ratio Lower Upper
165 100
63 1.2 46.4 69.6#
89 1.1 61.8 92.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141656.D
Acq: 18 Feb 2025 10:49

Tgt Ion:188 Resp: 366623
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.5 7.3 10.9

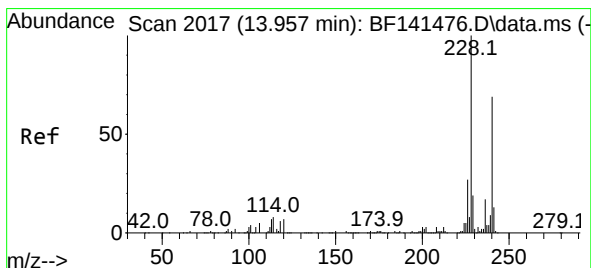
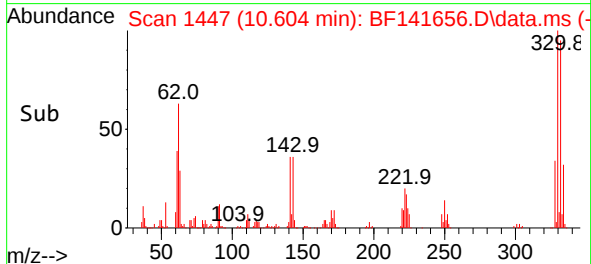
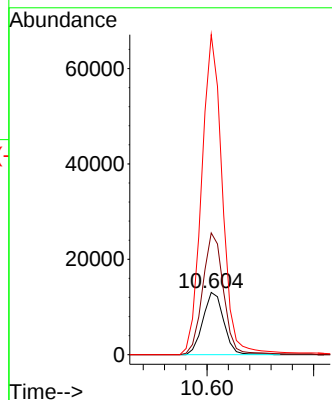
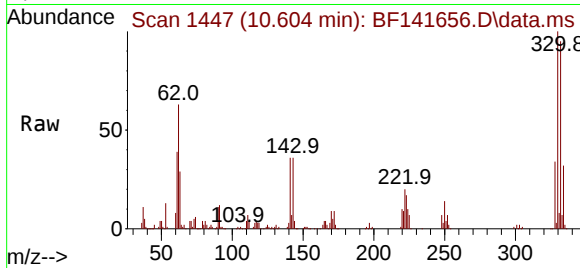




#67
4-Bromophenyl-phenylether
Concen: 4.330 ng
RT: 10.604 min Scan# 1491
Delta R.T. -0.259 min
Lab File: BF141656.D
Acq: 18 Feb 2025 10:49

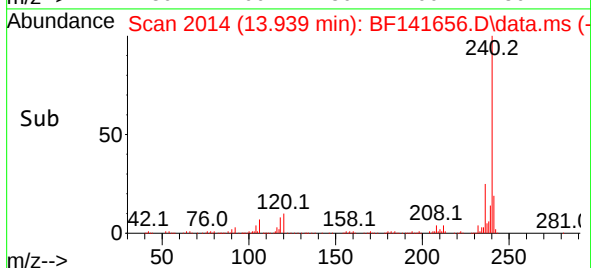
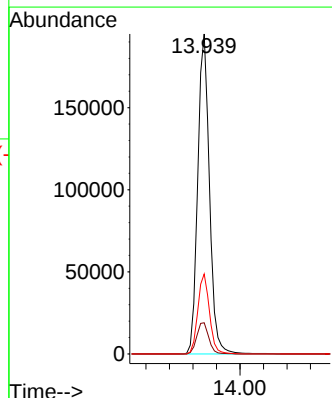
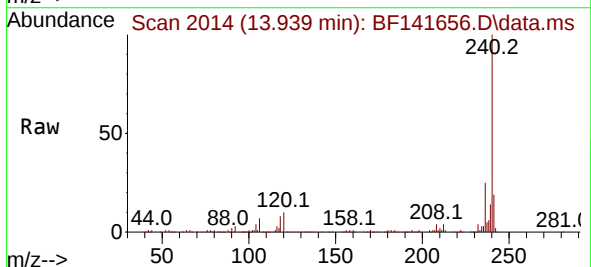
Instrument :
BNA_F
ClientSampleId :
PB166741BL

Tgt Ion:248 Resp: 17744
Ion Ratio Lower Upper
248 100
250 195.8 77.8 116.6#
141 514.7 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: BF141656.D
Acq: 18 Feb 2025 10:49

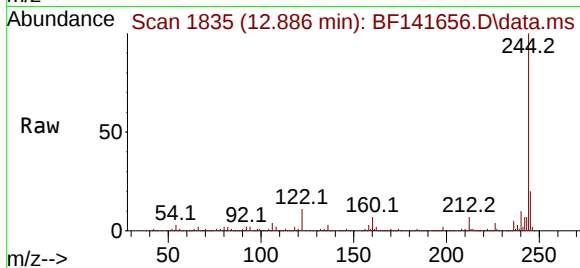
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Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.0 19.8 29.8



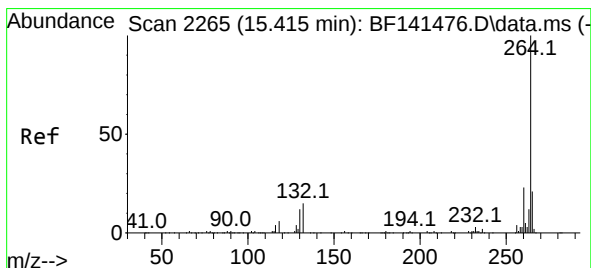
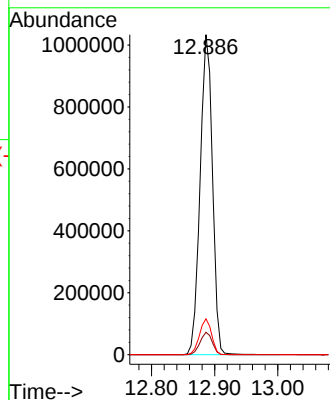
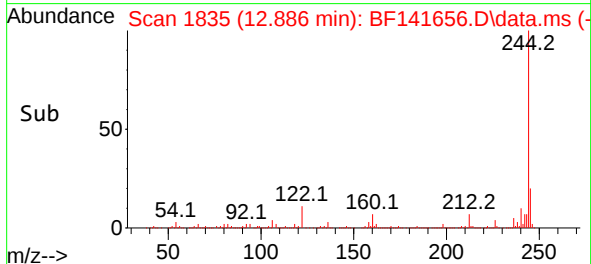


#79
 Terphenyl-d14
 Concen: 87.938 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF141656.D
 Acq: 18 Feb 2025 10:49

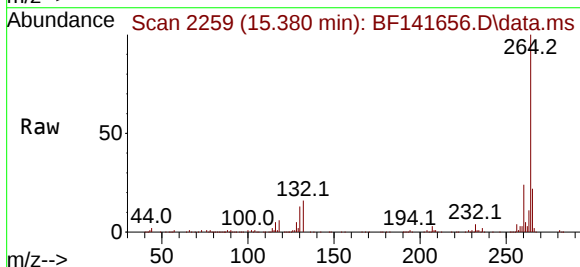
Instrument :
 BNA_F
 ClientSampleId :
 PB166741BL



Tgt Ion:244 Resp: 1399293
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.2 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: BF141656.D
 Acq: 18 Feb 2025 10:49



Tgt Ion:264 Resp: 196762
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 22.1 17.0 25.4

