

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141735.D
 Acq On : 24 Feb 2025 10:22
 Operator : RC/JU
 Sample : PB166821BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166821BL

Quant Time: Feb 24 11:06:14 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)

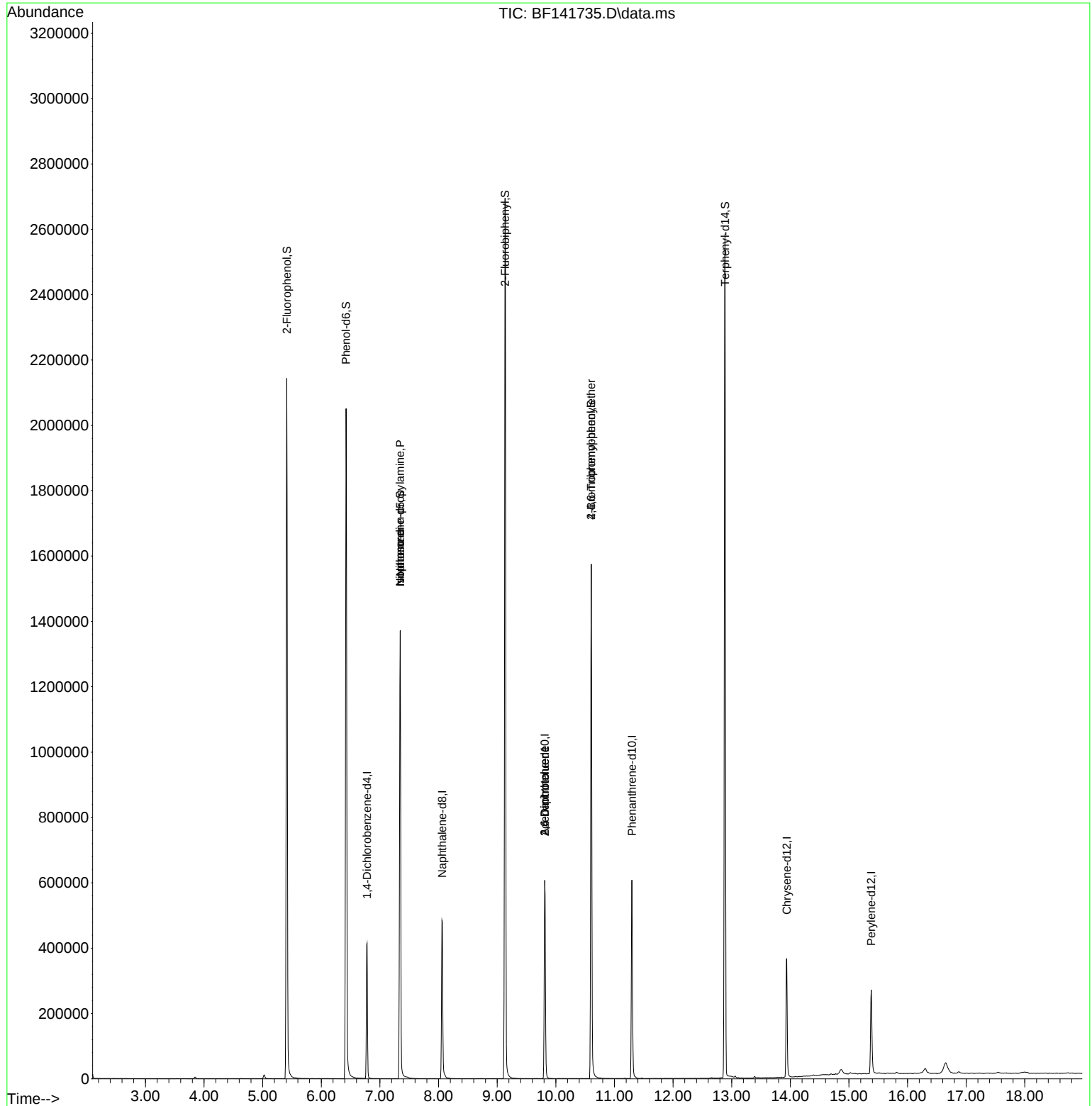
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	90718	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	368090	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	201154	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	342096	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	203723	20.000	ng	-0.02
86) Perylene-d12	15.380	264	169076	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	820907	141.865	ng	0.00
7) Phenol-d6	6.422	99	1010728	138.197	ng	-0.02
23) Nitrobenzene-d5	7.345	82	659421	93.440	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	273257	135.230	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	1263570	96.777	ng	-0.02
79) Terphenyl-d14	12.886	244	1352979	112.116	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	86849	19.852	ng	# 73
25) Isophorone	7.345	82	639073	56.794	ng	# 66
51) 2,6-Dinitrotoluene	9.810	165	26141	8.757	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	26141	6.578	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	18826	4.924	ng	# 1

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

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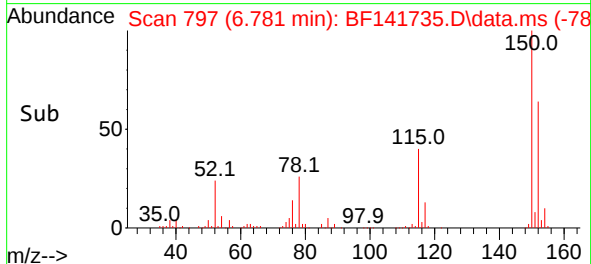
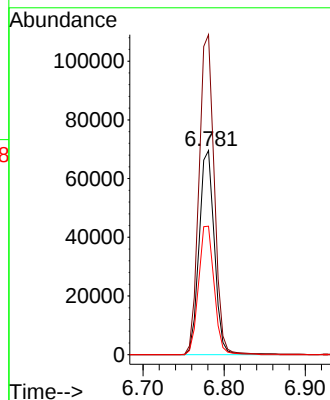
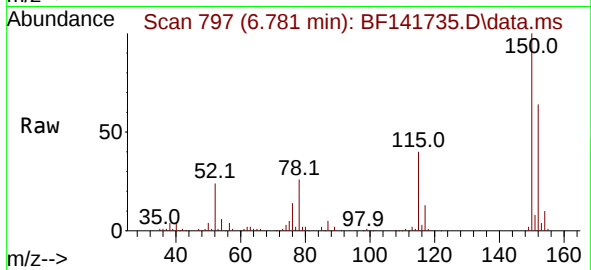




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141735.D
Acq: 24 Feb 2025 10:22

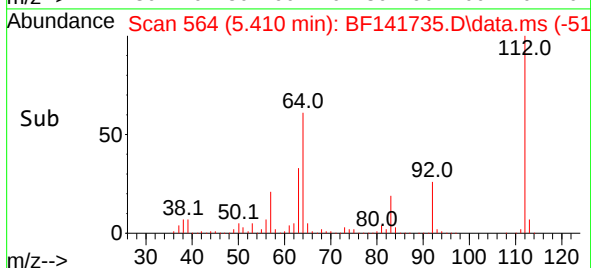
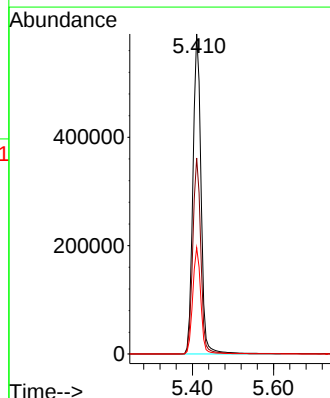
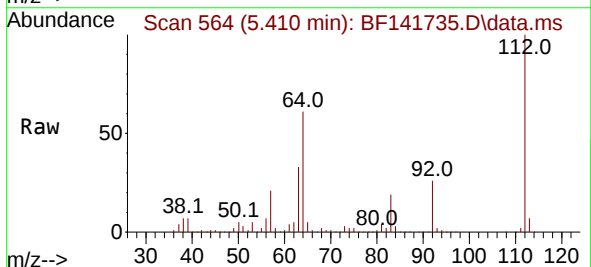
Instrument :
BNA_F
ClientSampleId :
PB166821BL

Tgt Ion:152 Resp: 90718
Ion Ratio Lower Upper
152 100
150 156.8 125.0 187.4
115 63.0 53.6 80.4



#5
2-Fluorophenol
Concen: 141.865 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141735.D
Acq: 24 Feb 2025 10:22

Tgt Ion:112 Resp: 820907
Ion Ratio Lower Upper
112 100
64 61.2 51.1 76.7
63 33.2 28.4 42.6

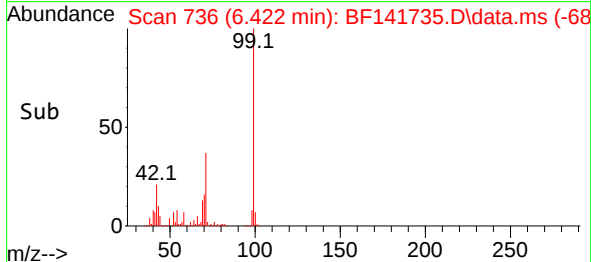
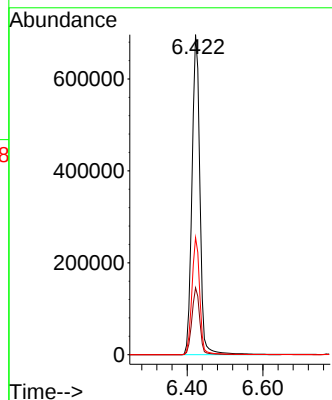
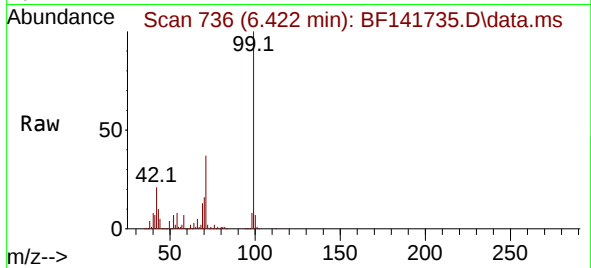




#7
Phenol-d6
Concen: 138.197 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141735.D
Acq: 24 Feb 2025 10:22

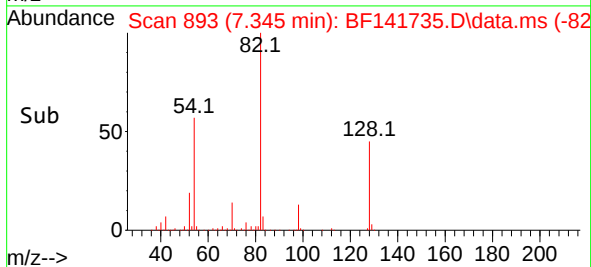
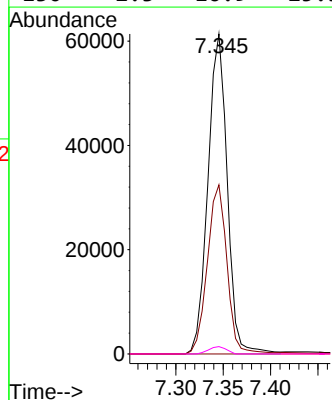
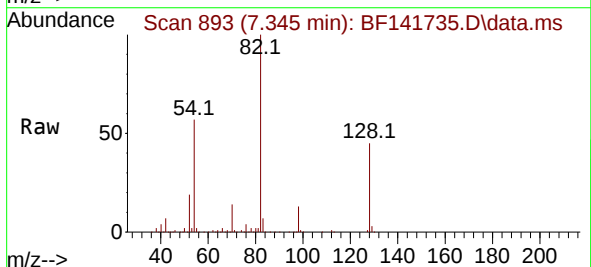
Instrument :
BNA_F
ClientSampleId :
PB166821BL

Tgt Ion: 99 Resp: 1010728
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 36.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.852 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141735.D
Acq: 24 Feb 2025 10:22

Tgt Ion: 70 Resp: 86849
Ion Ratio Lower Upper
70 100
42 52.9 57.4 86.2#
101 0.0 8.0 12.0#
130 2.3 16.9 25.3#

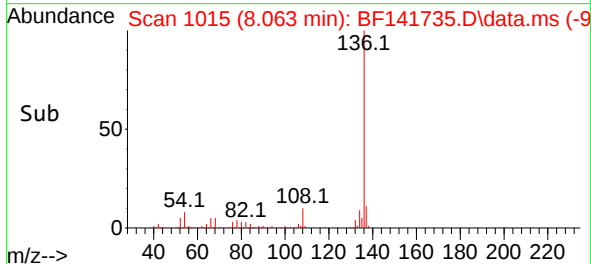
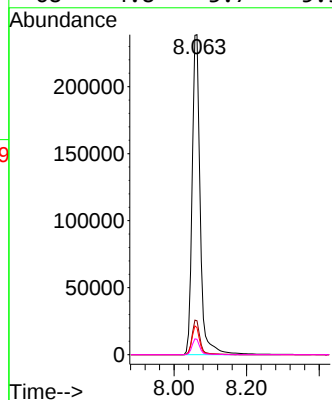
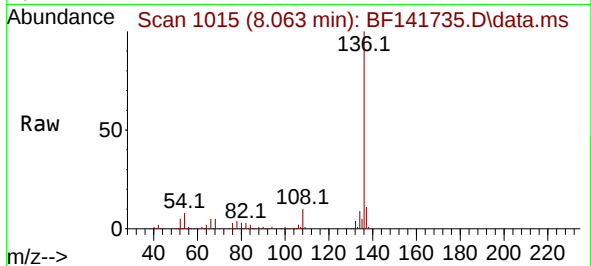




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141735.D
Acq: 24 Feb 2025 10:22

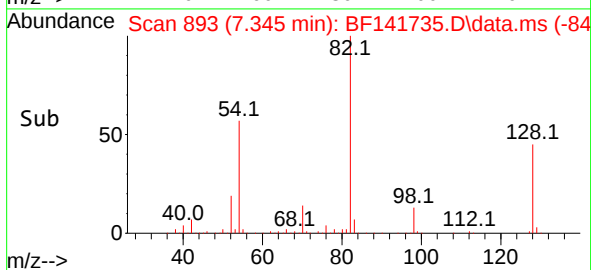
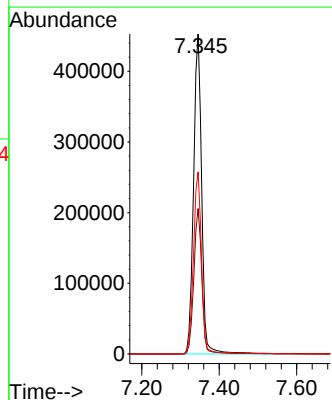
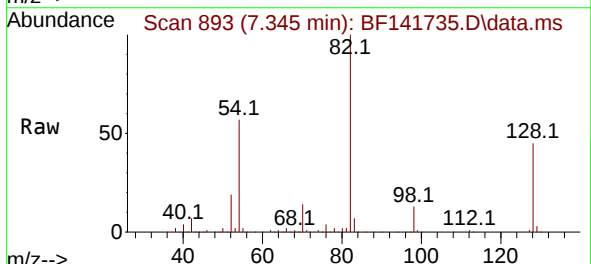
Instrument :
BNA_F
ClientSampleId :
PB166821BL

Tgt Ion:136 Resp: 368090
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 7.2 10.8
68 4.8 3.7 5.5



#23
Nitrobenzene-d5
Concen: 93.440 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF141735.D
Acq: 24 Feb 2025 10:22

Tgt Ion: 82 Resp: 659421
Ion Ratio Lower Upper
82 100
128 45.5 34.8 52.2
54 56.9 48.2 72.4

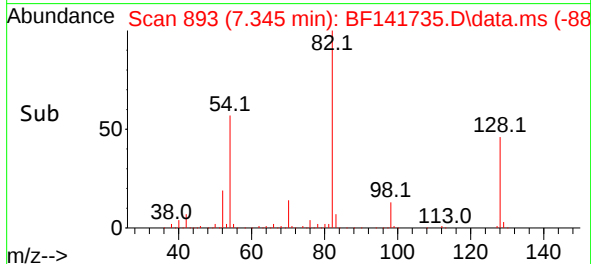
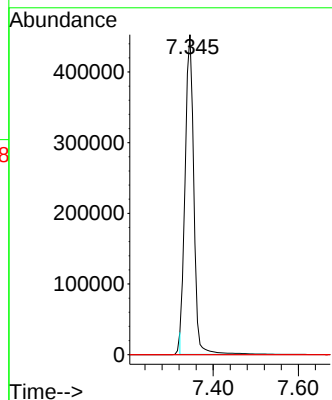
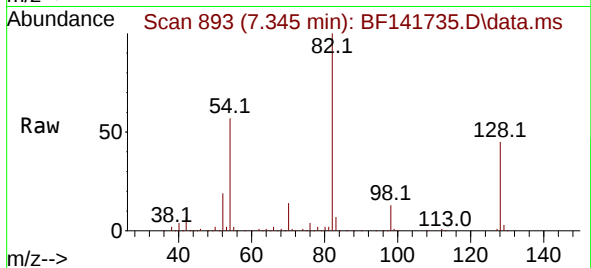




#25
Isophorone
Concen: 56.794 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141735.D
Acq: 24 Feb 2025 10:22

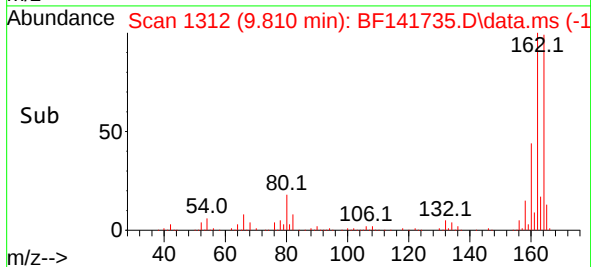
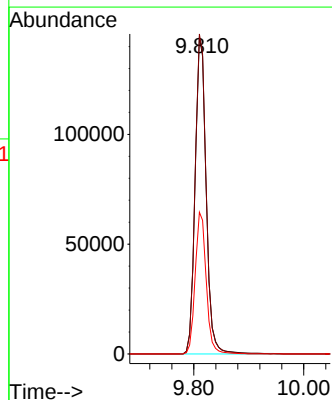
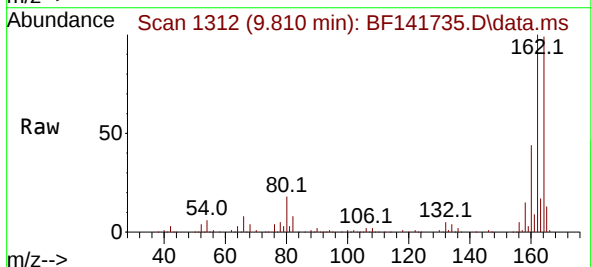
Instrument :
BNA_F
ClientSampleId :
PB166821BL

Tgt Ion: 82 Resp: 639073
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: BF141735.D
Acq: 24 Feb 2025 10:22

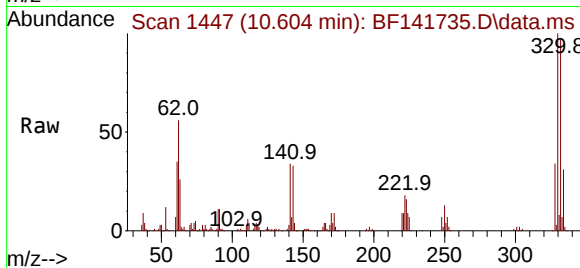
Tgt Ion:164 Resp: 201154
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 44.7 35.9 53.9



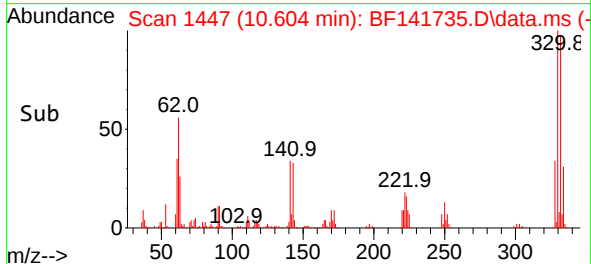
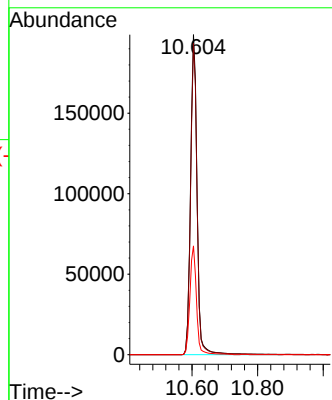


#42
2,4,6-Tribromophenol
Concen: 135.230 ng
RT: 10.604 min Scan# 1450
Delta R.T. -0.023 min
Lab File: BF141735.D
Acq: 24 Feb 2025 10:22

Instrument :
BNA_F
ClientSampleId :
PB166821BL

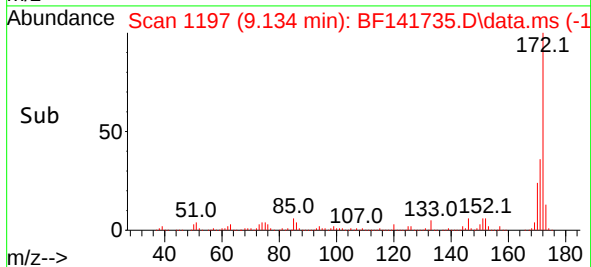
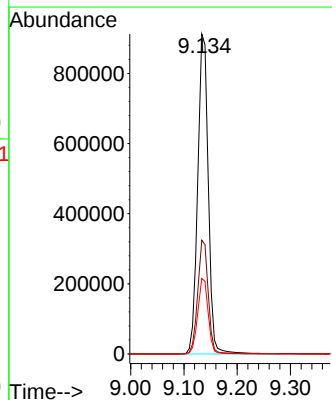
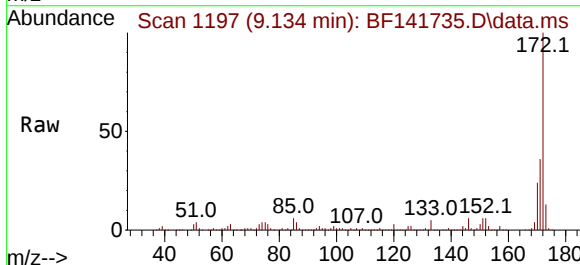


Tgt Ion:330 Resp: 273257
Ion Ratio Lower Upper
330 100
332 97.0 78.5 117.7
141 34.3 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 96.777 ng
RT: 9.134 min Scan# 1197
Delta R.T. -0.017 min
Lab File: BF141735.D
Acq: 24 Feb 2025 10:22

Tgt Ion:172 Resp: 1263570
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.6 18.9 28.3

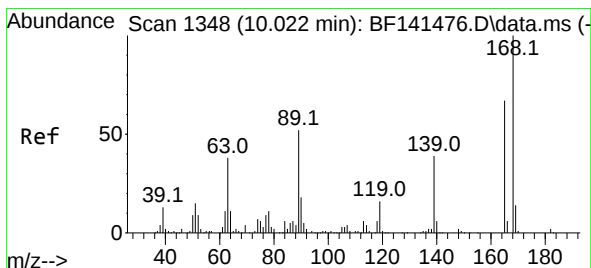
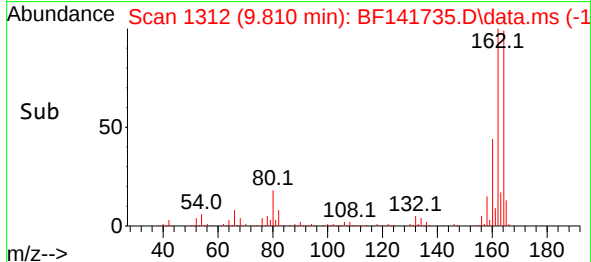
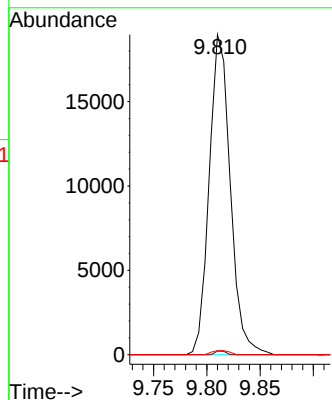
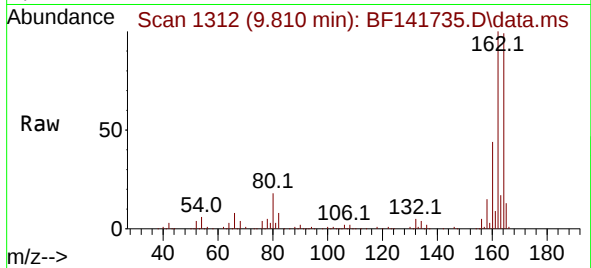




#51
2,6-Dinitrotoluene
Concen: 8.757 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF141735.D
Acq: 24 Feb 2025 10:22

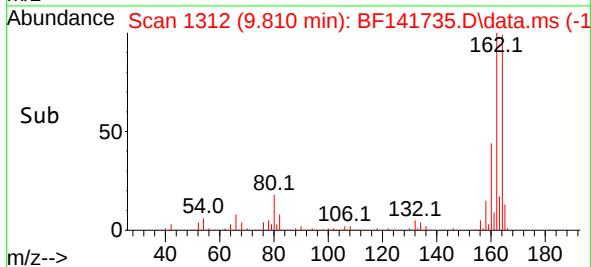
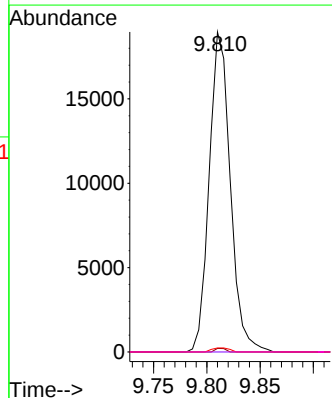
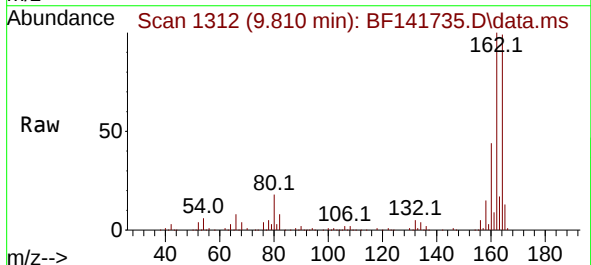
Instrument :
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ClientSampleId :
PB166821BL

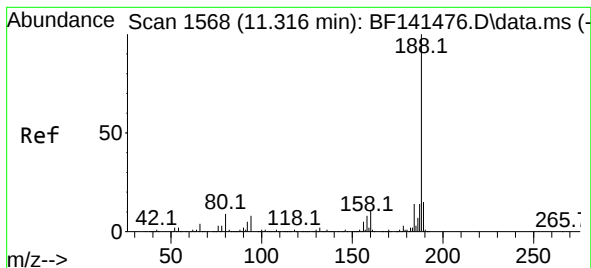
Tgt Ion:165 Resp: 26141
Ion Ratio Lower Upper
165 100
63 1.1 49.4 74.0#
89 1.3 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.578 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.217 min
Lab File: BF141735.D
Acq: 24 Feb 2025 10:22

Tgt Ion:165 Resp: 26141
Ion Ratio Lower Upper
165 100
63 1.1 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# 11

Delta R.T. -0.017 min

Lab File: BF141735.D

Acq: 24 Feb 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB166821BL

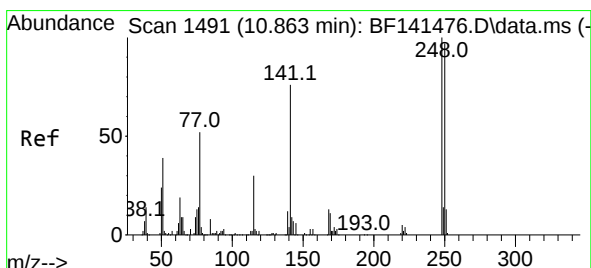
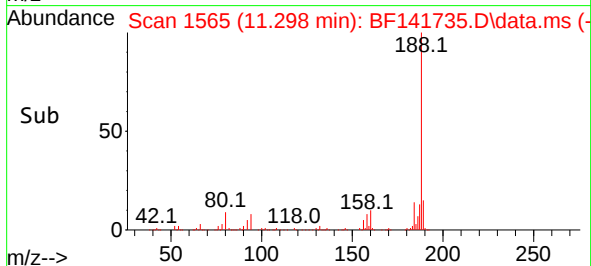
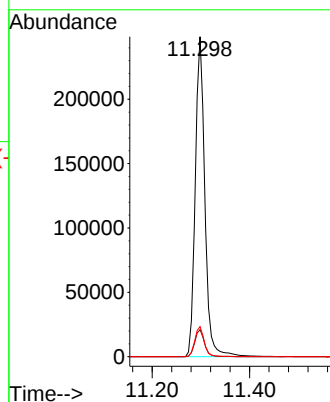
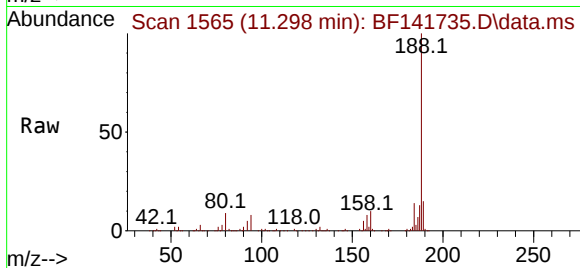
Tgt Ion:188 Resp: 342096

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.4 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.924 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.259 min

Lab File: BF141735.D

Acq: 24 Feb 2025 10:22

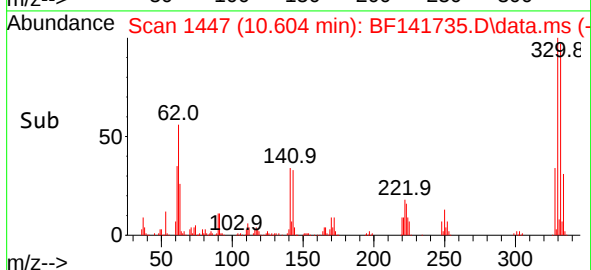
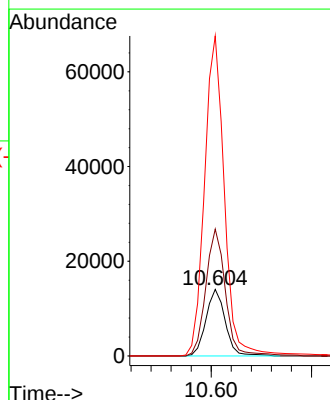
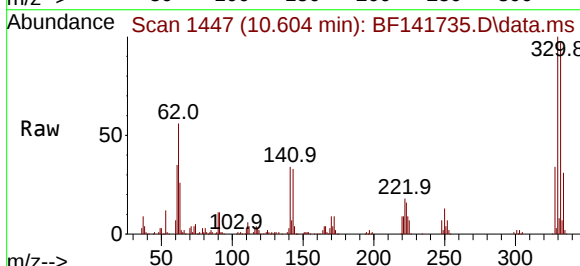
Tgt Ion:248 Resp: 18826

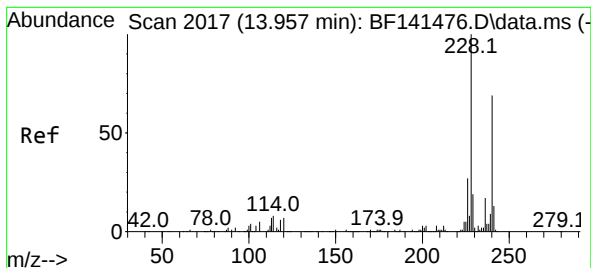
Ion Ratio Lower Upper

248 100

250 190.7 77.8 116.6#

141 480.8 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: BF141735.D

Acq: 24 Feb 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB166821BL

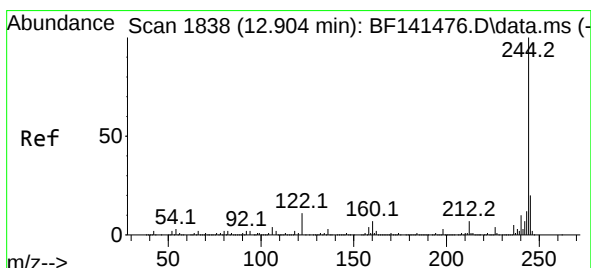
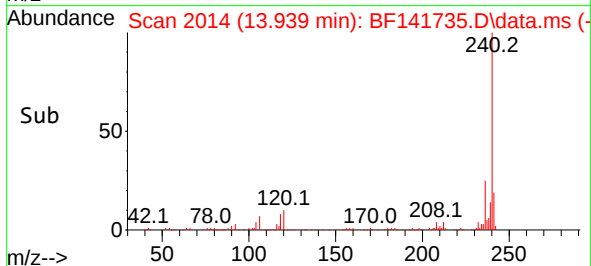
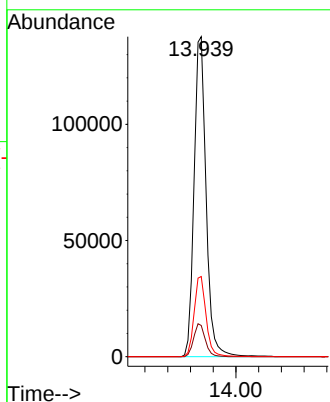
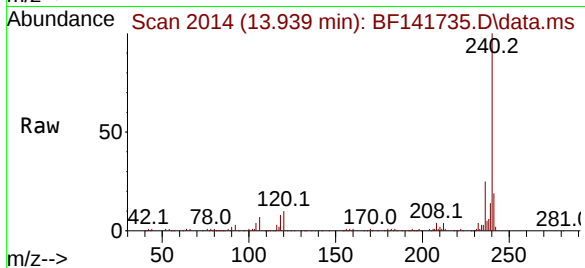
Tgt Ion:240 Resp: 203723

Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

236 25.1 19.8 29.8



#79

Terphenyl-d14

Concen: 112.116 ng

RT: 12.886 min Scan# 1835

Delta R.T. -0.017 min

Lab File: BF141735.D

Acq: 24 Feb 2025 10:22

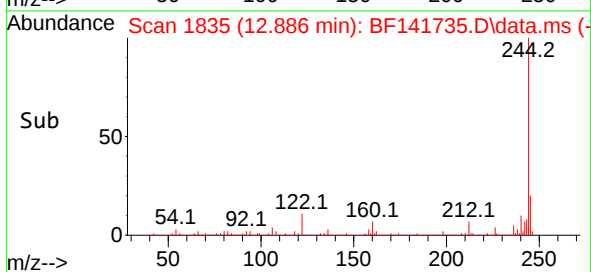
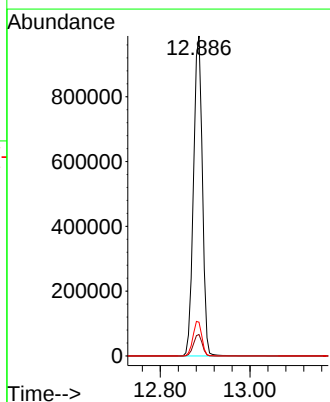
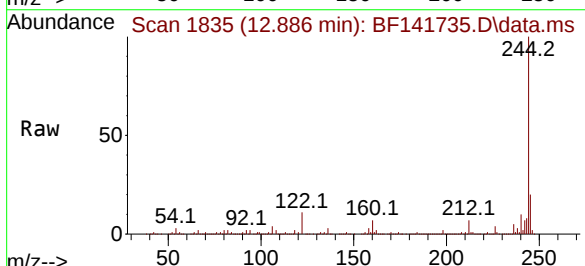
Tgt Ion:244 Resp: 1352979

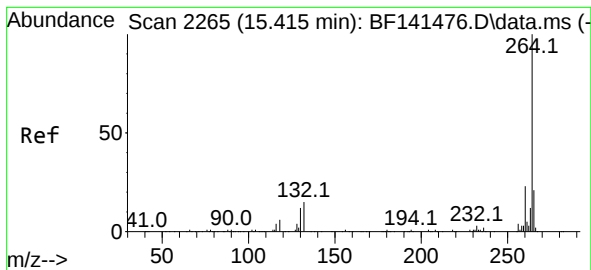
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.6 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141735.D

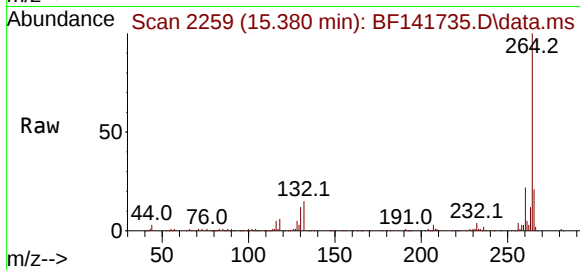
Acq: 24 Feb 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB166821BL



Tgt Ion:264 Resp: 169076

Ion Ratio Lower Upper

264 100

260 22.4 18.6 28.0

265 21.4 17.0 25.4

