

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136661.D
 Acq On : 21 Dec 2023 09:59
 Operator : CG\JU
 Sample : PB157501BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157501BL

Quant Time: Dec 21 10:49:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

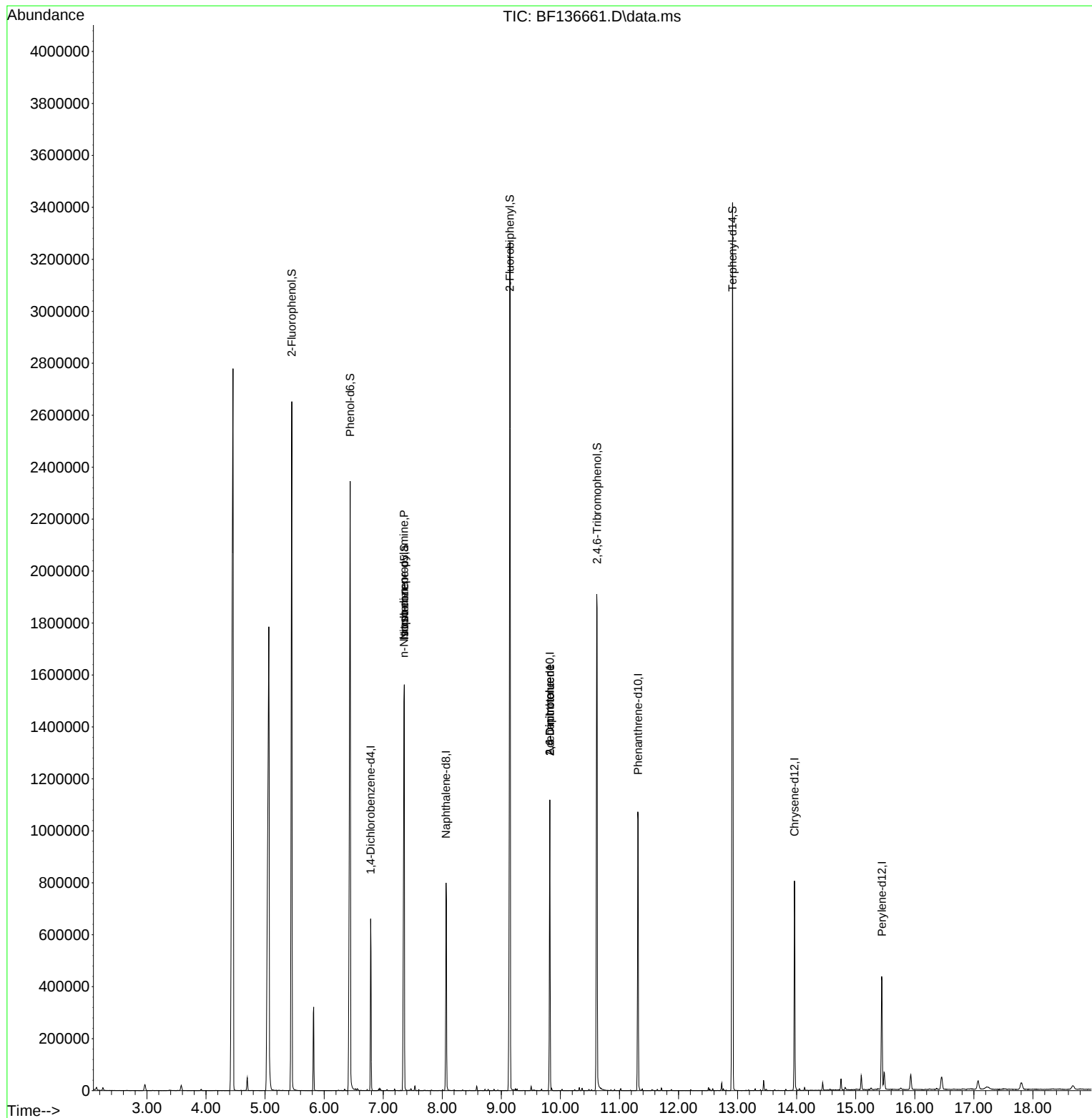
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	95590	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	391457	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	212073	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	432623	20.000	ng	0.00
76) Chrysene-d12	13.963	240	267190	20.000	ng	0.00
86) Perylene-d12	15.445	264	213441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	785706	128.248	ng	0.02
7) Phenol-d6	6.440	99	999193	125.868	ng	0.00
23) Nitrobenzene-d5	7.357	82	621122	81.193	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	302047	120.933	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1226780	77.803	ng	0.00
79) Terphenyl-d14	12.916	244	1431286	74.860	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	81598	16.956	ng	Qvalue
25) Isophorone	7.357	82	619393	44.497	ng	# 75
51) 2,6-Dinitrotoluene	9.822	165	26980	7.674	ng	# 65
57) 2,4-Dinitrotoluene	9.822	165	26980	5.912	ng	# 30
57) 2,4-Dinitrotoluene	9.822	165	26980	5.912	ng	# 21

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

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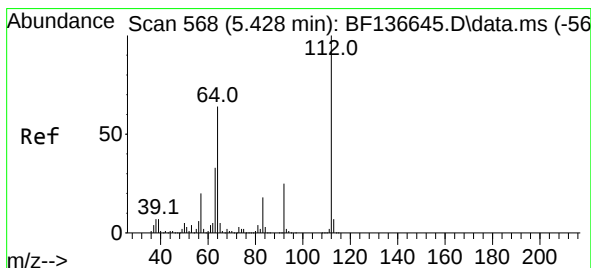
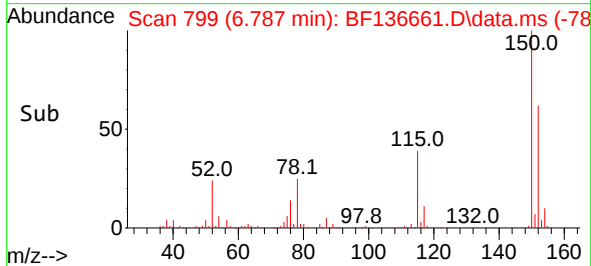
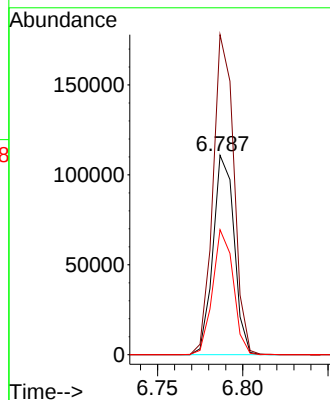
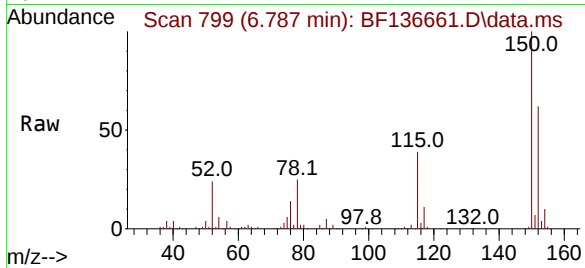




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF136661.D
 Acq: 21 Dec 2023 09:59

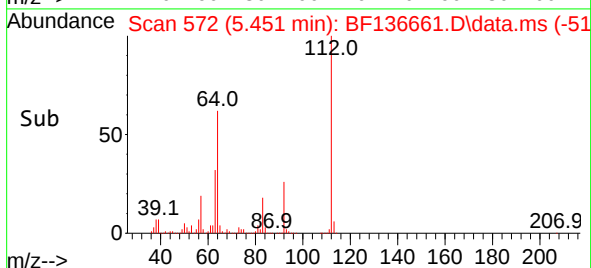
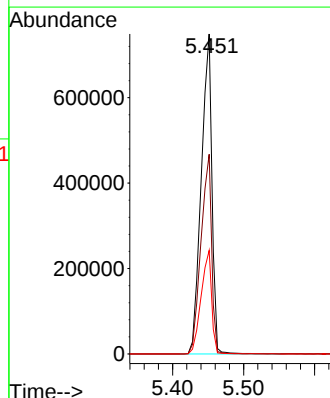
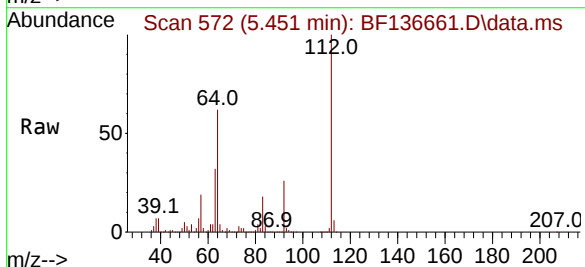
Instrument :
 BNA_F
 ClientSampleId :
 PB157501BL

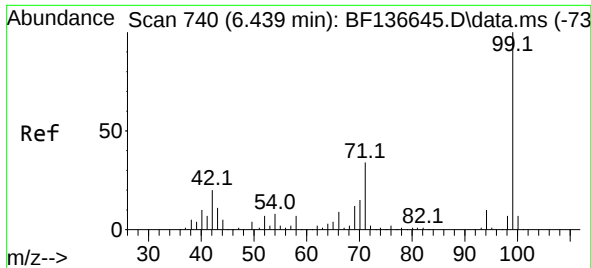
Tgt Ion:152 Resp: 95590
 Ion Ratio Lower Upper
 152 100
 150 160.5 127.0 190.6
 115 62.7 49.0 73.4



#5
 2-Fluorophenol
 Concen: 128.248 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.024 min
 Lab File: BF136661.D
 Acq: 21 Dec 2023 09:59

Tgt Ion:112 Resp: 785706
 Ion Ratio Lower Upper
 112 100
 64 62.4 51.1 76.7
 63 32.4 26.1 39.1

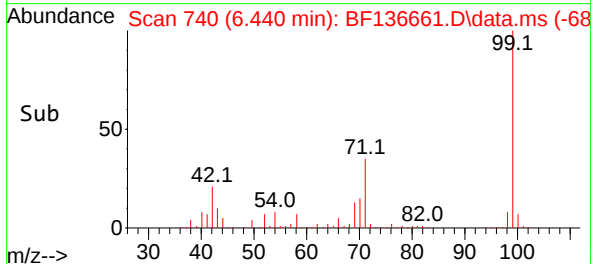
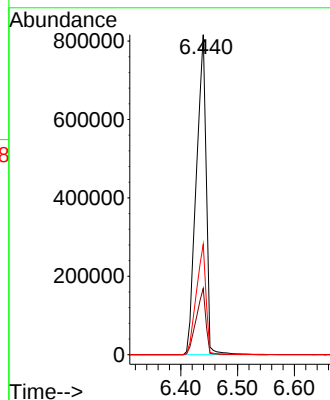
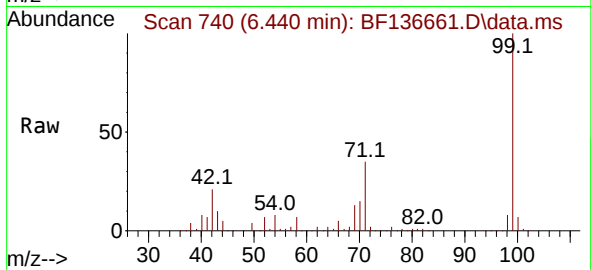




#7
Phenol-d6
Concen: 125.868 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59

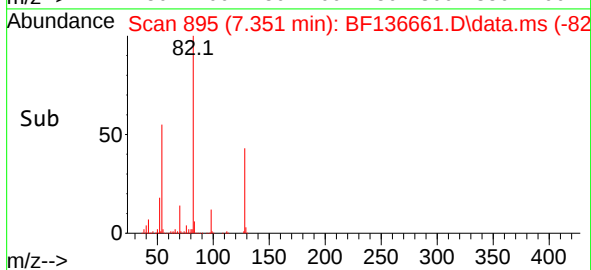
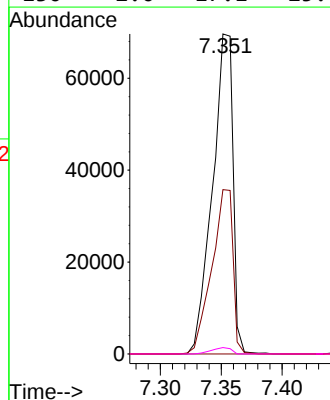
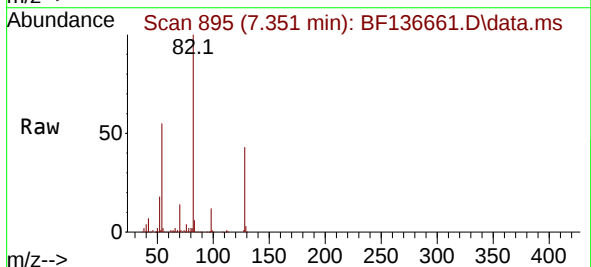
Instrument :
BNA_F
ClientSampleId :
PB157501BL

Tgt Ion: 99 Resp: 999193
Ion Ratio Lower Upper
99 100
42 20.7 16.1 24.1
71 34.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.956 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59

Tgt Ion: 70 Resp: 81598
Ion Ratio Lower Upper
70 100
42 51.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.0 17.1 25.7#

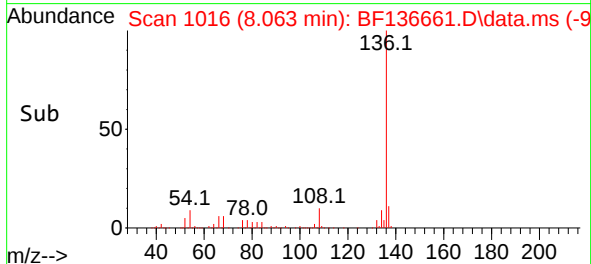
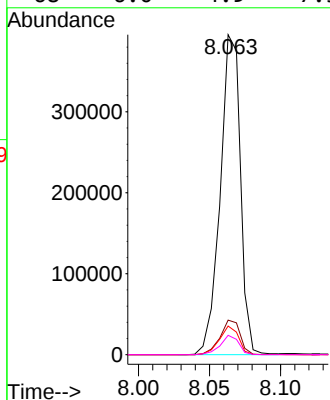
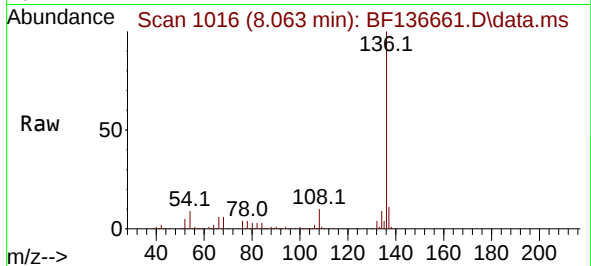




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59

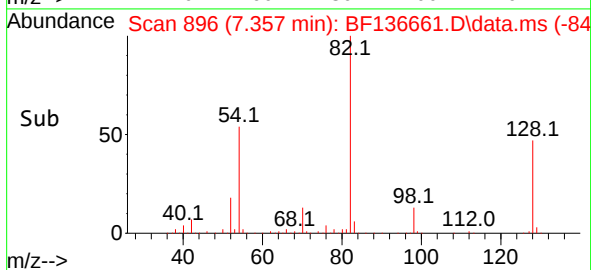
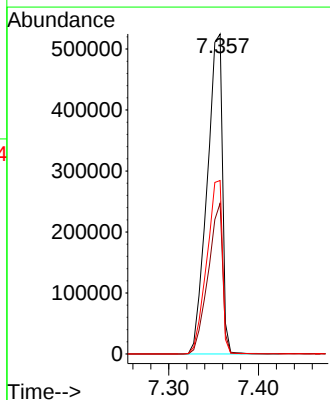
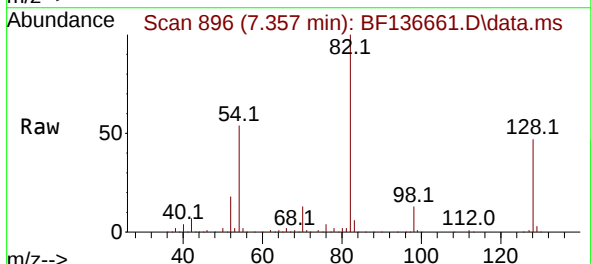
Instrument :
BNA_F
ClientSampleId :
PB157501BL

Tgt Ion:136 Resp: 391457
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.0 7.2 10.8
68 6.0 4.9 7.3



#23
Nitrobenzene-d5
Concen: 81.193 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59

Tgt Ion: 82 Resp: 621122
Ion Ratio Lower Upper
82 100
128 47.1 35.3 52.9
54 54.2 44.5 66.7

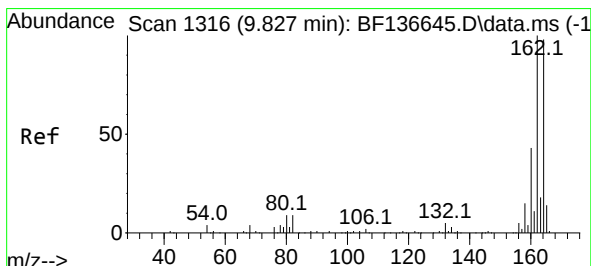
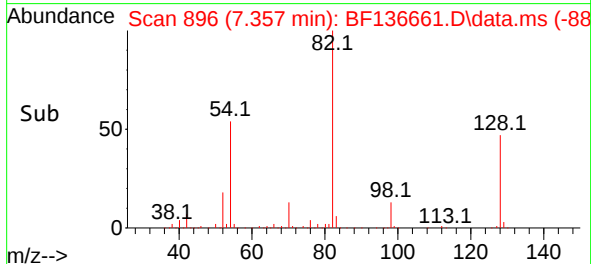
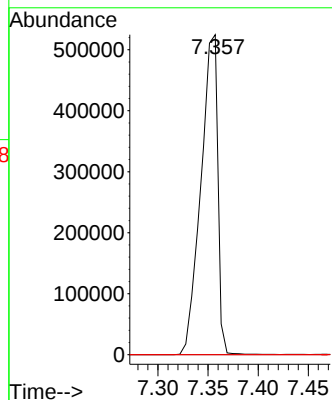
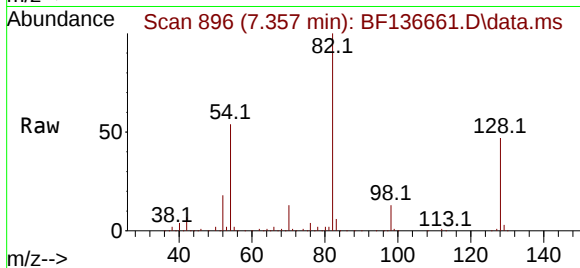




#25
Isophorone
Concen: 44.497 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.259 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59

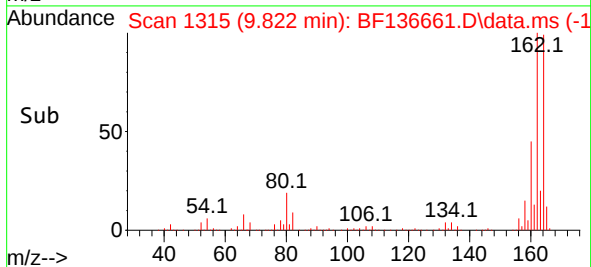
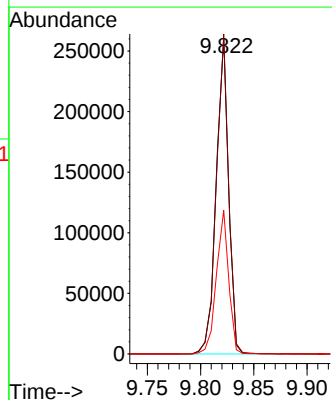
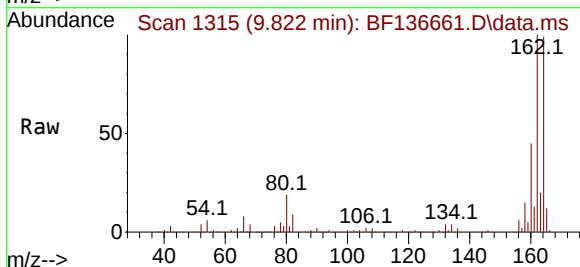
Instrument :
BNA_F
ClientSampleId :
PB157501BL

Tgt Ion: 82 Resp: 619393
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59

Tgt Ion:164 Resp: 212073
Ion Ratio Lower Upper
164 100
162 101.3 81.6 122.4
160 45.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 120.933 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136661.D

Acq: 21 Dec 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB157501BL

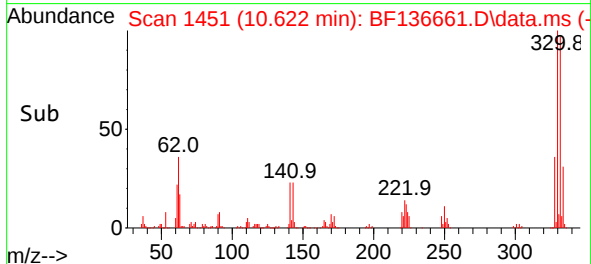
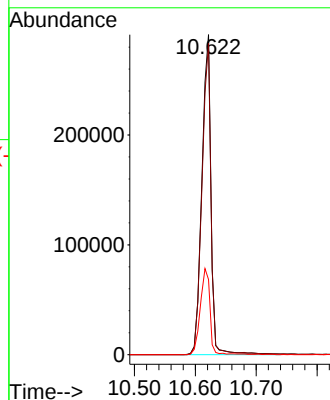
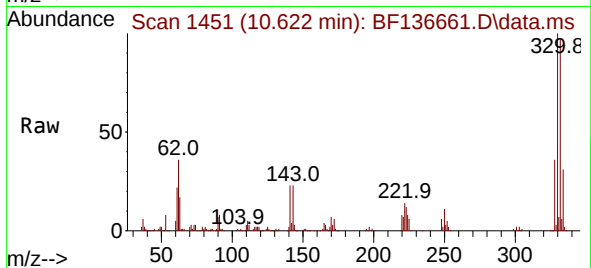
Tgt Ion:330 Resp: 302047

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.0

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 77.803 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF136661.D

Acq: 21 Dec 2023 09:59

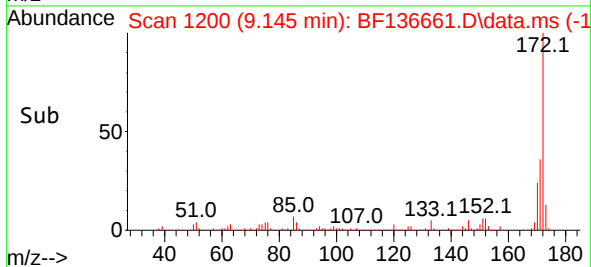
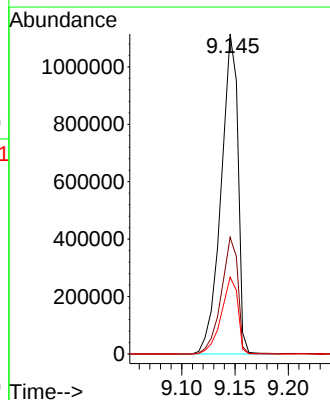
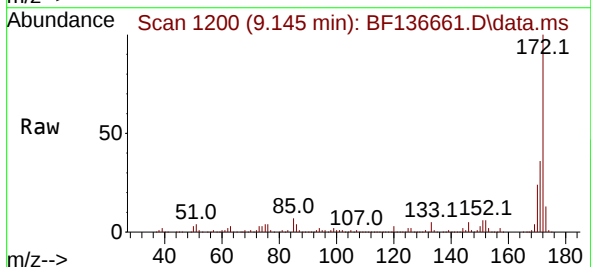
Tgt Ion:172 Resp: 1226780

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 24.0 19.0 28.4

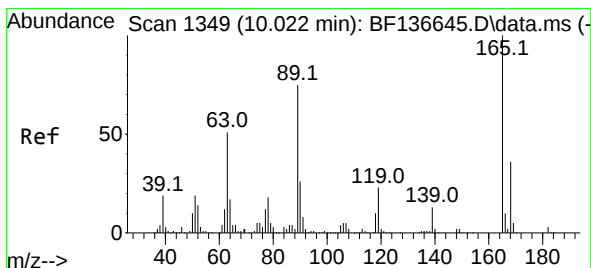
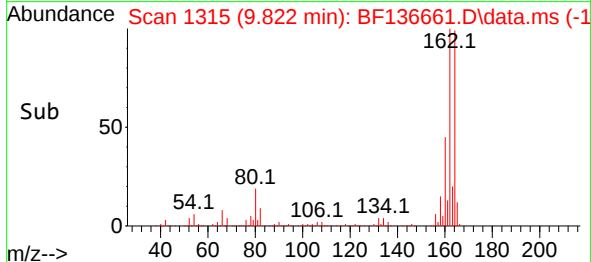
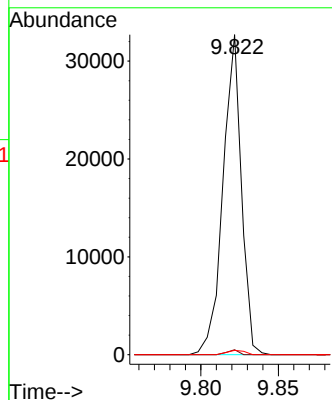
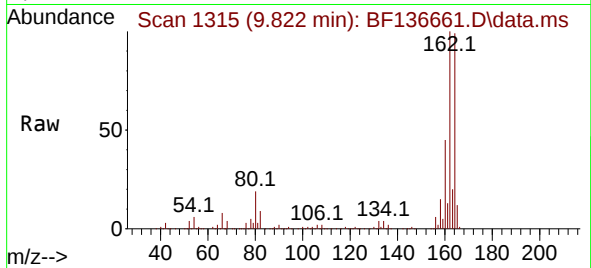




#51
2,6-Dinitrotoluene
Concen: 7.674 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59

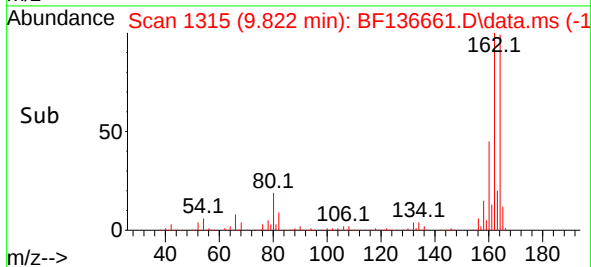
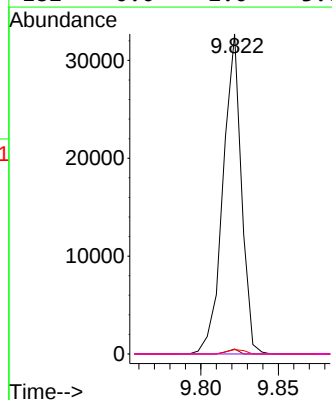
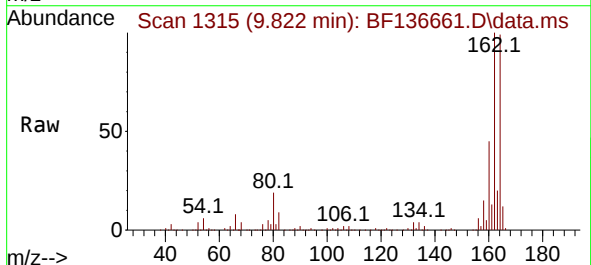
Instrument :
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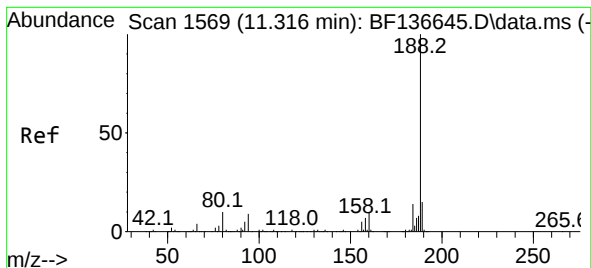
Tgt Ion:165 Resp: 26980
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.3 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.912 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.200 min
Lab File: BF136661.D
Acq: 21 Dec 2023 09:59

Tgt Ion:165 Resp: 26980
Ion Ratio Lower Upper
165 100
63 1.5 41.0 61.6#
89 1.3 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136661.D

Acq: 21 Dec 2023 09:59

Instrument :

BNA_F

ClientSampleId :

PB157501BL

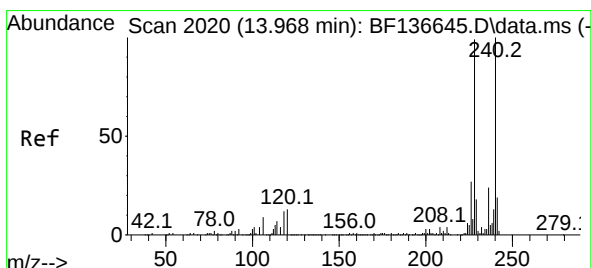
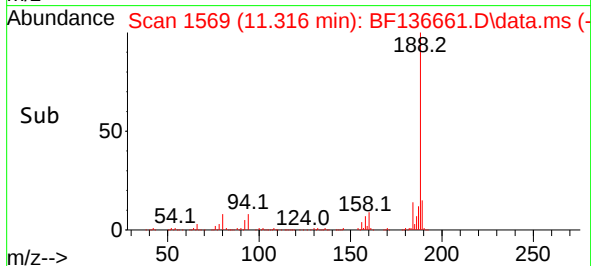
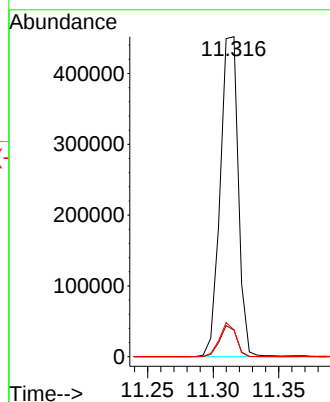
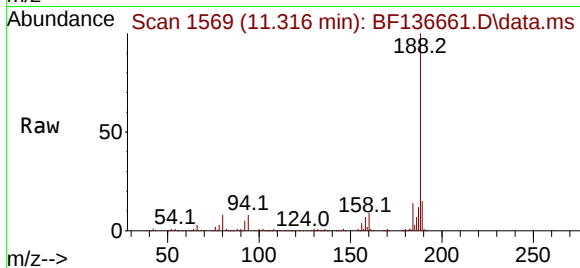
Tgt Ion:188 Resp: 432623

Ion Ratio Lower Upper

188 100

94 8.3 7.5 11.3

80 8.4 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136661.D

Acq: 21 Dec 2023 09:59

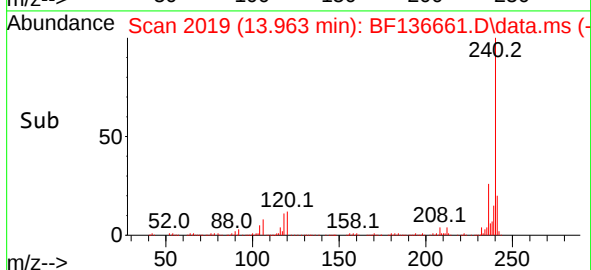
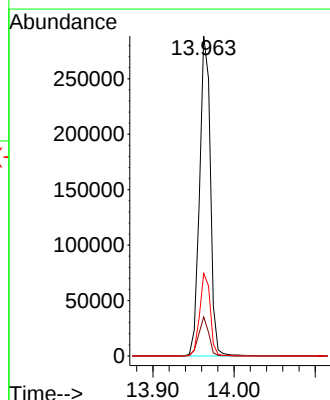
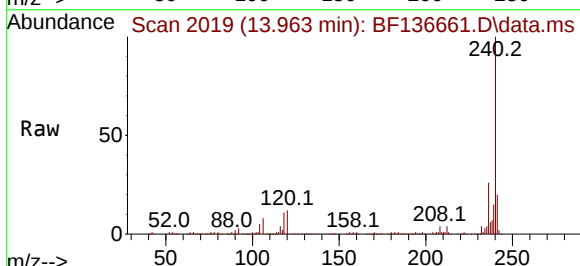
Tgt Ion:240 Resp: 267190

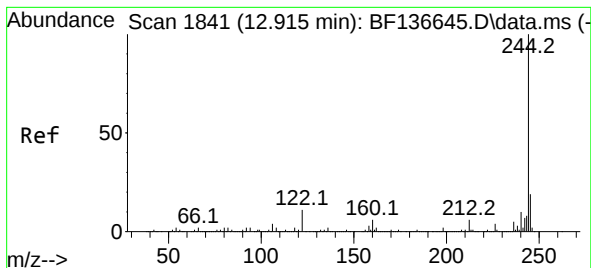
Ion Ratio Lower Upper

240 100

120 12.2 10.3 15.5

236 25.8 19.4 29.2





#79

Terphenyl-d14

Concen: 74.860 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136661.D

Acq: 21 Dec 2023 09:59

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BNA_F

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PB157501BL

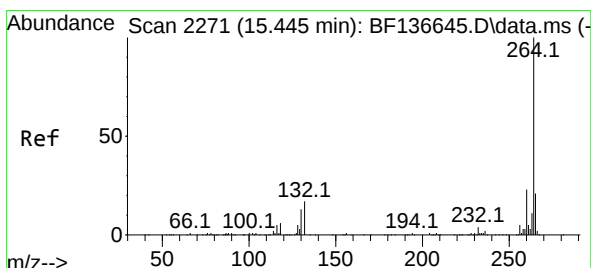
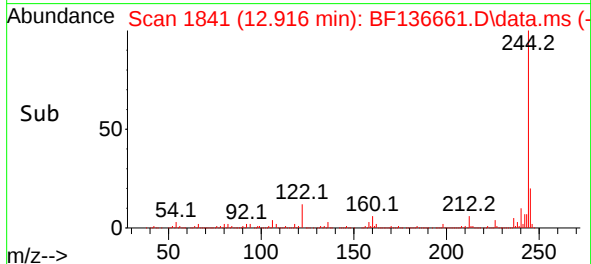
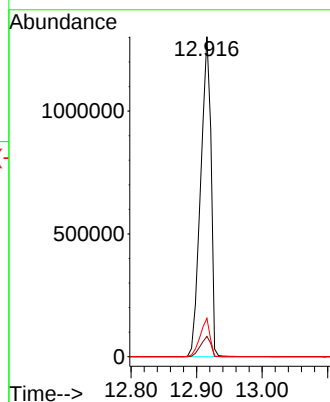
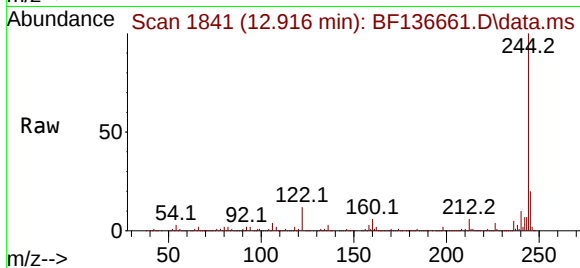
Tgt Ion:244 Resp: 1431286

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 12.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136661.D

Acq: 21 Dec 2023 09:59

Tgt Ion:264 Resp: 213441

Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 20.9 17.0 25.6

