

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135611.D
 Acq On : 05 Oct 2023 21:19
 Operator : CG\JU
 Sample : 04714-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Oct 06 03:48:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

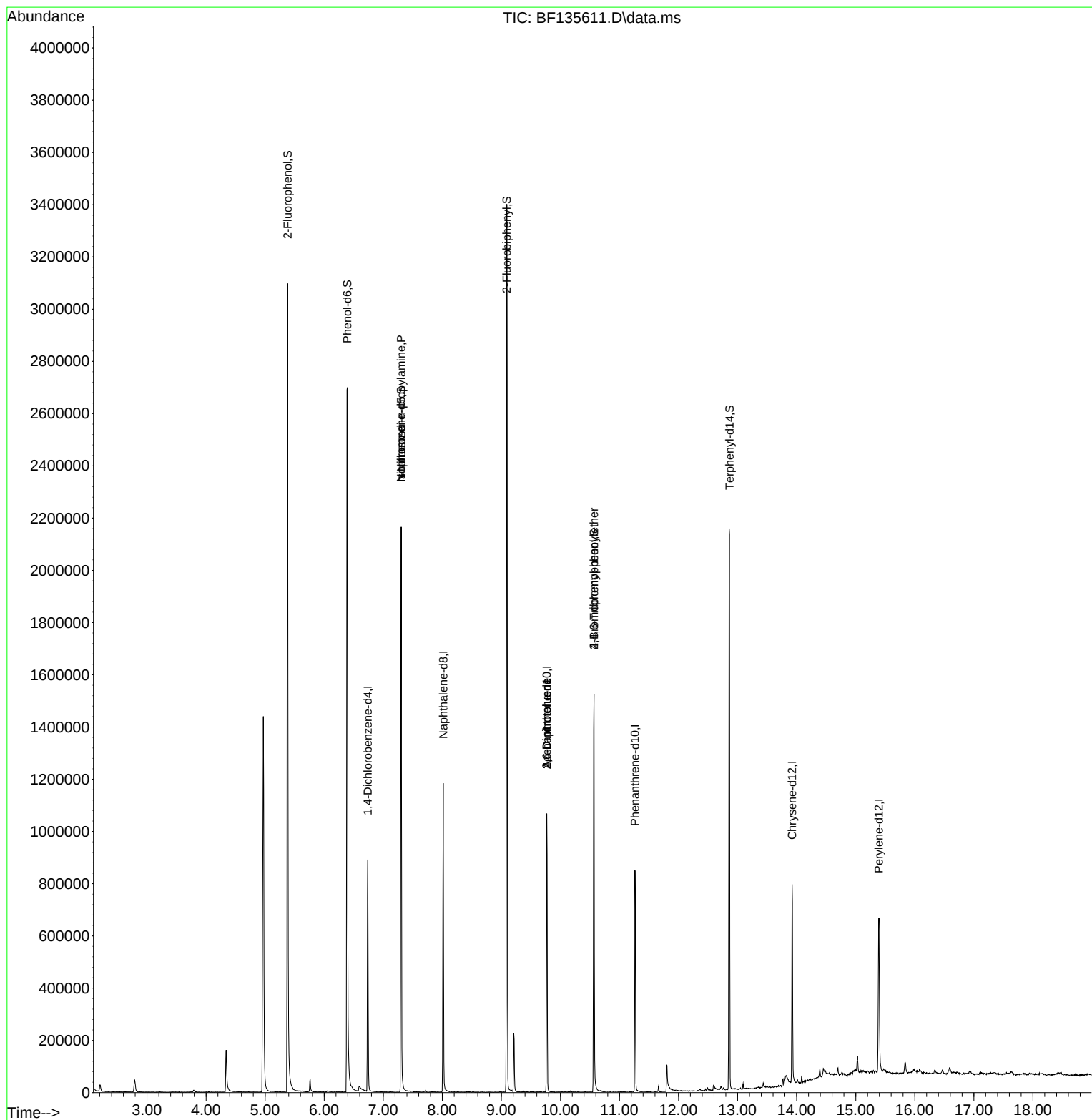
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	129335	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	478667	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	214298	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	309941	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	257842	20.000	ng	0.00
86) Perylene-d12	15.392	264	285377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	848381	106.688	ng	0.01
7) Phenol-d6	6.392	99	1025000	101.370	ng	0.00
23) Nitrobenzene-d5	7.304	82	624440	70.875	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	182035	85.478	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1055279	74.295	ng	0.00
79) Terphenyl-d14	12.863	244	805914	48.453	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	83594	13.347	ng	# 78
25) Isophorone	7.304	82	624436	38.597	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	26766	8.433	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	26766	6.736	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	12030	3.903	ng	# 1

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

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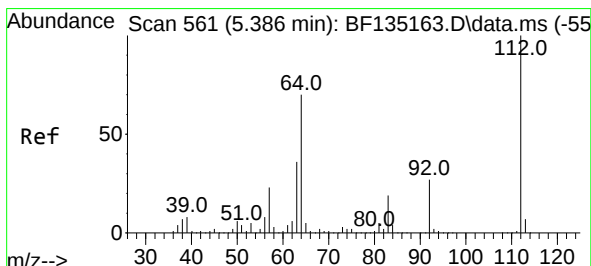
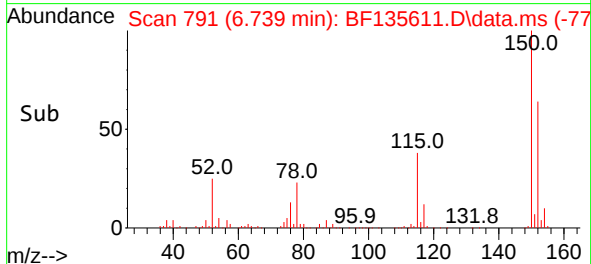
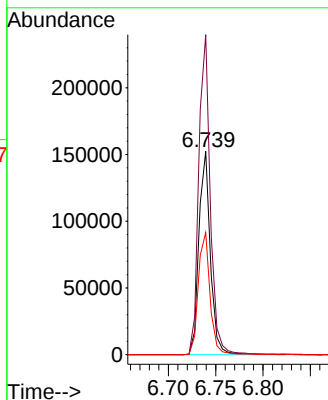
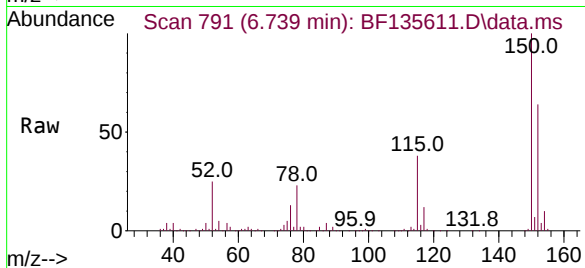




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

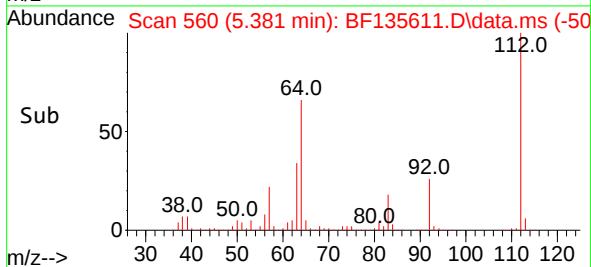
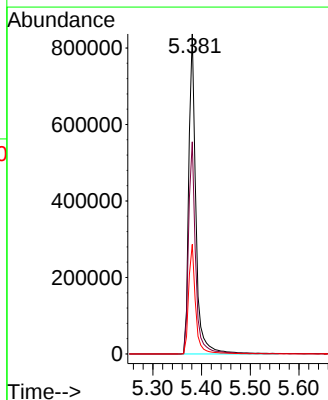
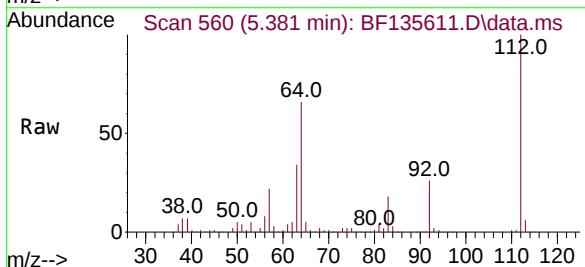
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 129335
Ion Ratio Lower Upper
152 100
150 157.4 127.8 191.6
115 60.1 49.8 74.8



#5
2-Fluorophenol
Concen: 106.688 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

Tgt Ion:112 Resp: 848381
Ion Ratio Lower Upper
112 100
64 66.3 55.9 83.9
63 34.3 29.0 43.6

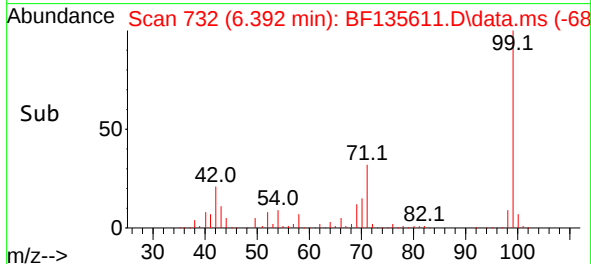
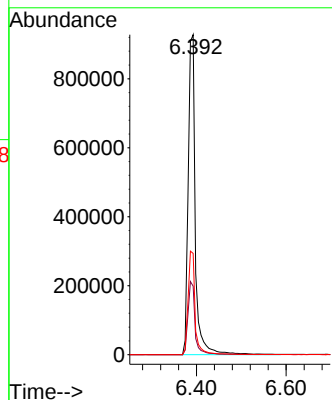
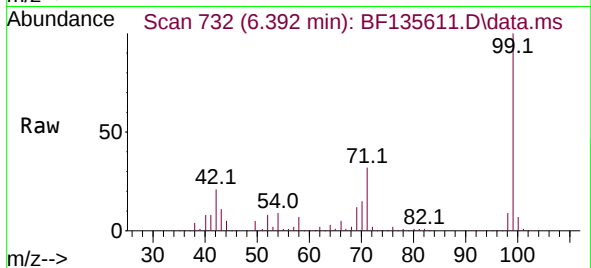




#7
Phenol-d6
Concen: 101.370 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

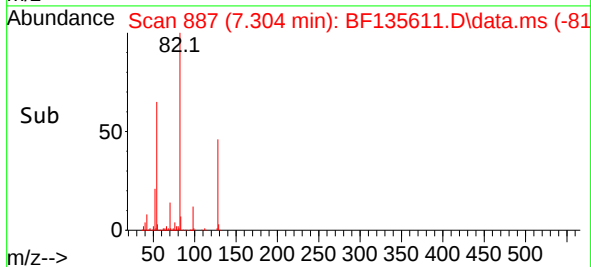
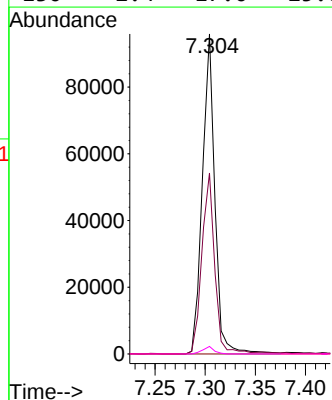
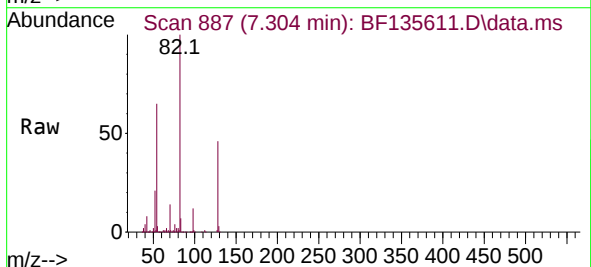
Instrument :
BNA_F
ClientSampleId :
TP-2

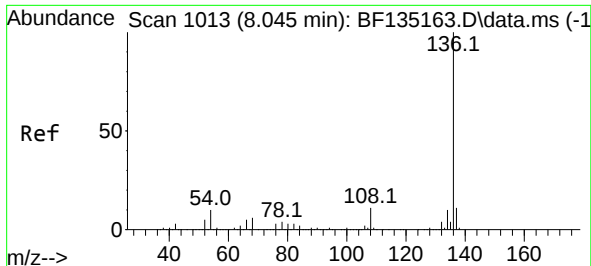
Tgt Ion: 99 Resp: 1025000
Ion Ratio Lower Upper
99 100
42 21.4 17.9 26.9
71 31.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.347 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

Tgt Ion: 70 Resp: 83594
Ion Ratio Lower Upper
70 100
42 56.6 55.4 83.0
101 0.0 7.7 11.5#
130 2.4 17.0 25.6#

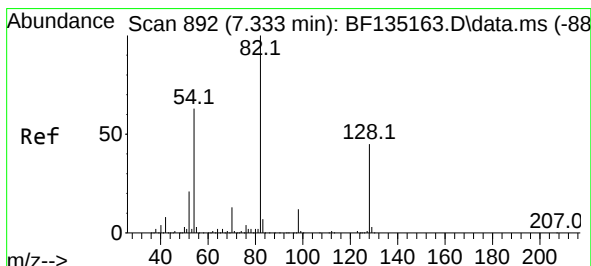
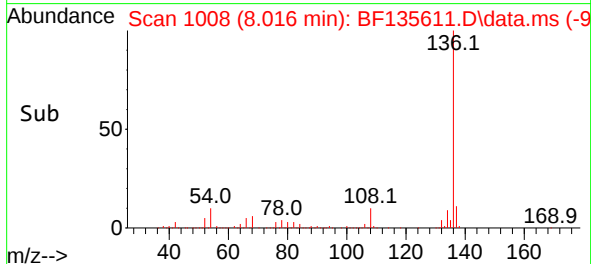
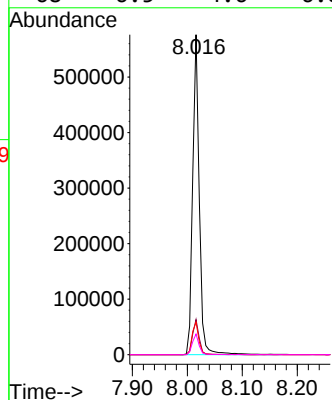
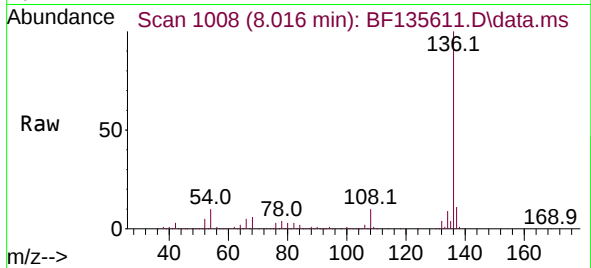




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

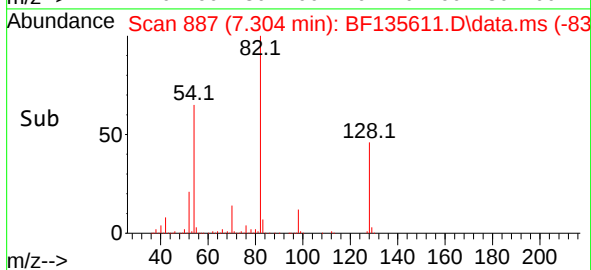
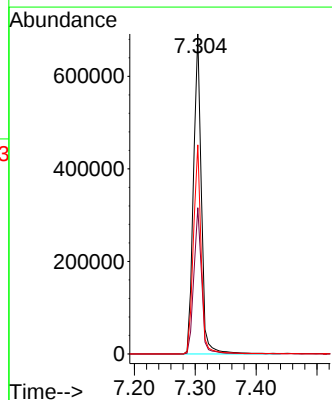
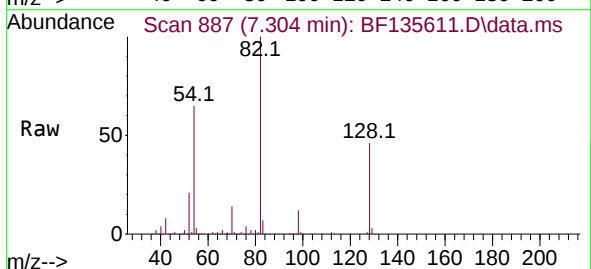
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 478667
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.1 7.7 11.5
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 70.875 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

Tgt Ion: 82 Resp: 624440
Ion Ratio Lower Upper
82 100
128 45.7 35.8 53.6
54 65.3 50.6 76.0

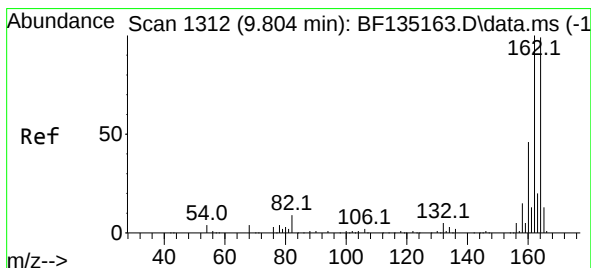
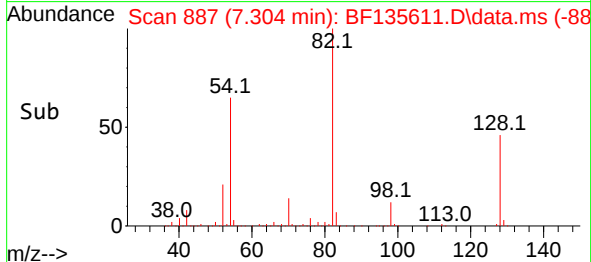
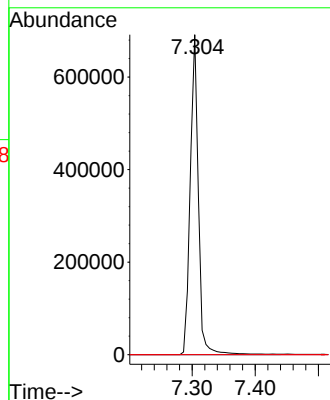
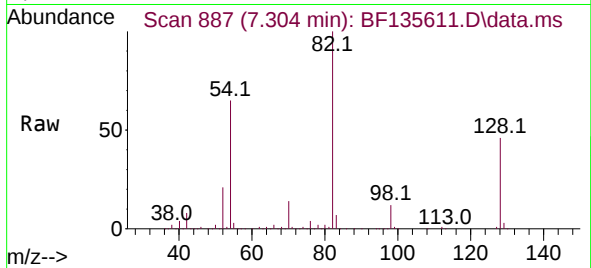




#25
Isophorone
Concen: 38.597 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

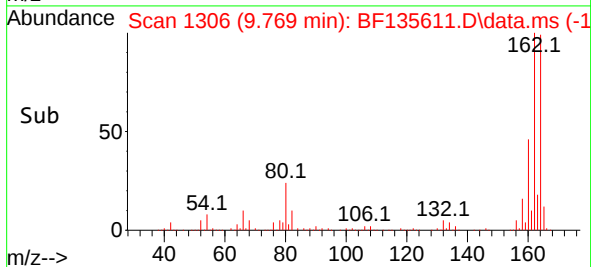
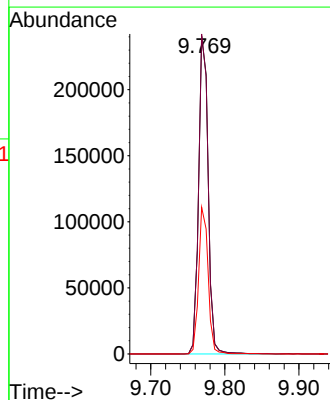
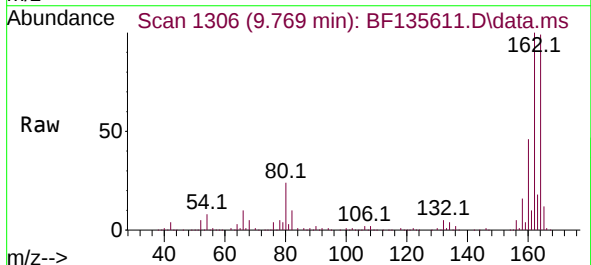
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 624436
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

Tgt Ion:164 Resp: 214298
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 85.478 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135611.D

Acq: 05 Oct 2023 21:19

Instrument :

BNA_F

ClientSampleId :

TP-2

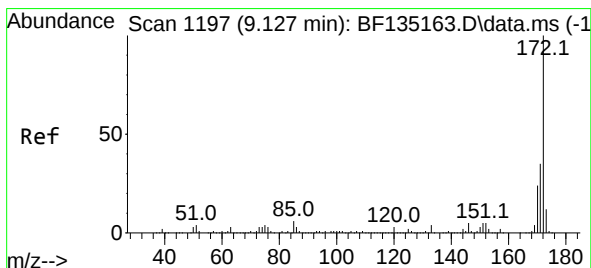
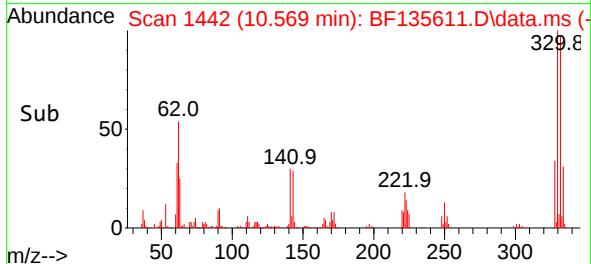
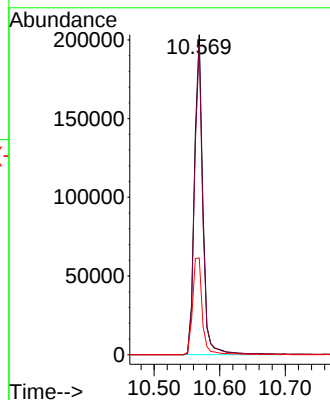
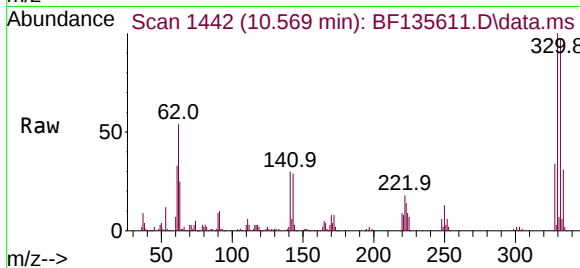
Tgt Ion:330 Resp: 182035

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 34.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 74.295 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135611.D

Acq: 05 Oct 2023 21:19

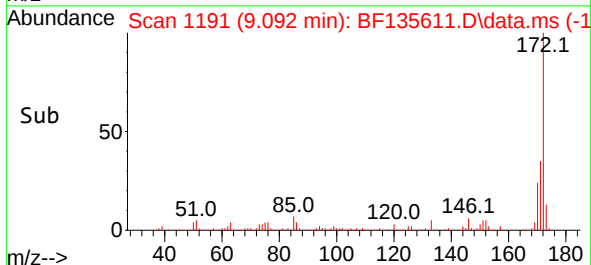
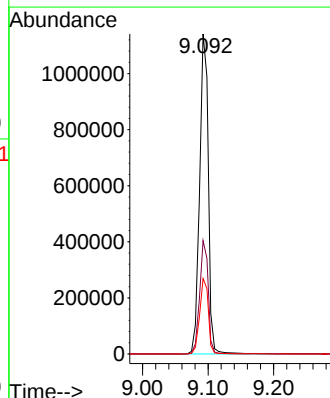
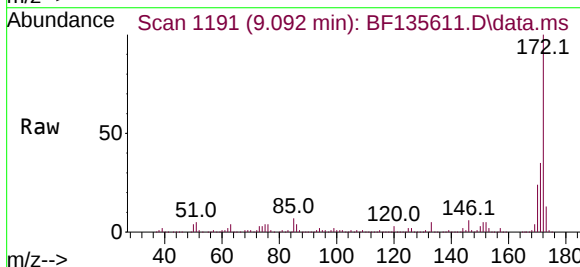
Tgt Ion:172 Resp: 1055279

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.5 19.0 28.4

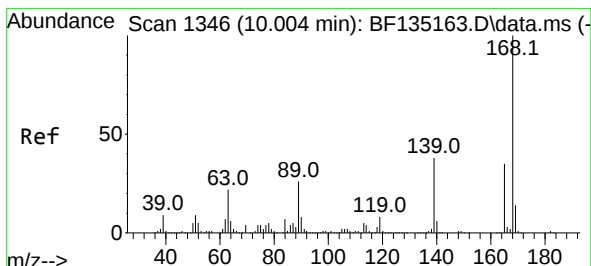
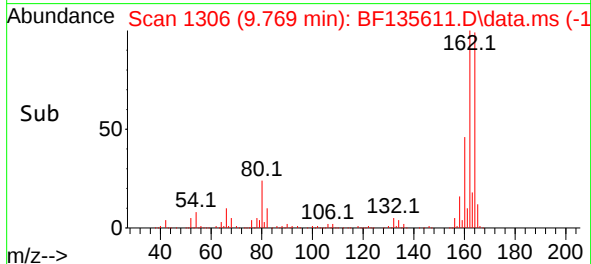
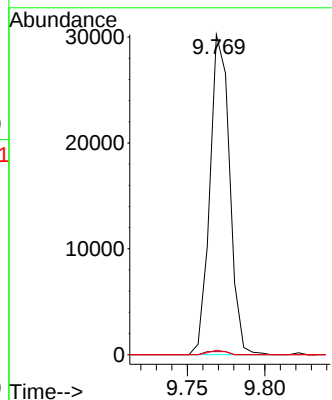
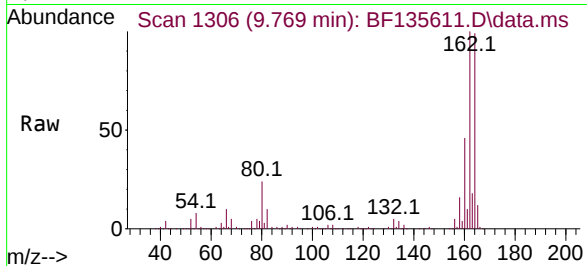




#51
2,6-Dinitrotoluene
Concen: 8.433 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.194 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

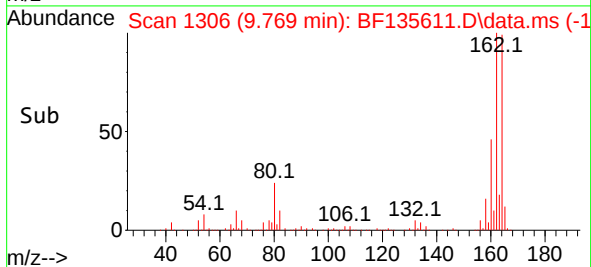
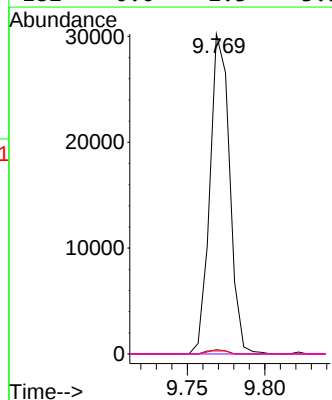
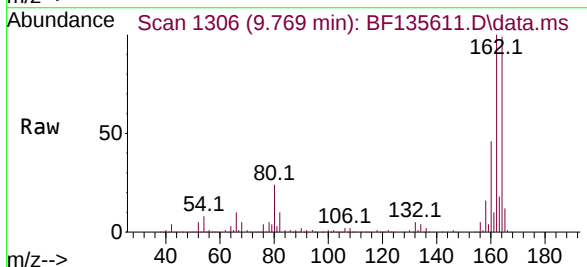
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:165 Resp: 26766
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.4 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.736 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.218 min
Lab File: BF135611.D
Acq: 05 Oct 2023 21:19

Tgt Ion:165 Resp: 26766
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135611.D

Acq: 05 Oct 2023 21:19

Instrument :

BNA_F

ClientSampleId :

TP-2

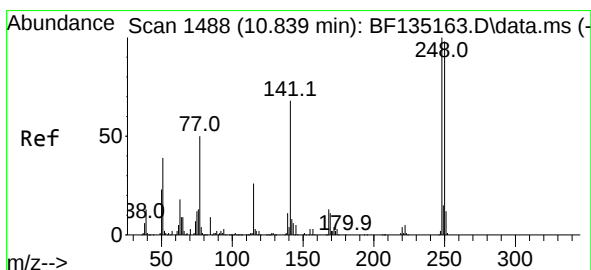
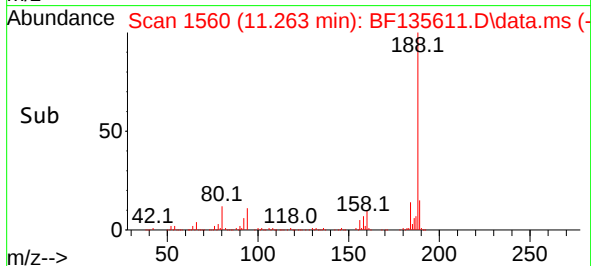
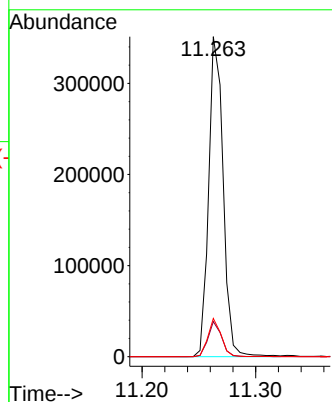
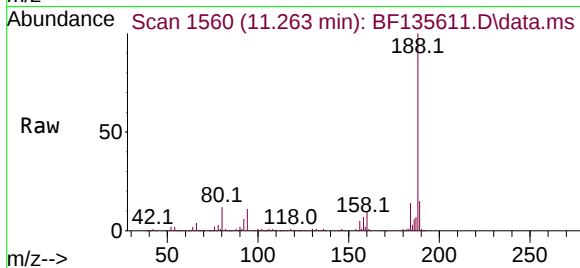
Tgt Ion:188 Resp: 309941

Ion Ratio Lower Upper

188 100

94 11.0 7.0 10.6#

80 11.9 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.903 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF135611.D

Acq: 05 Oct 2023 21:19

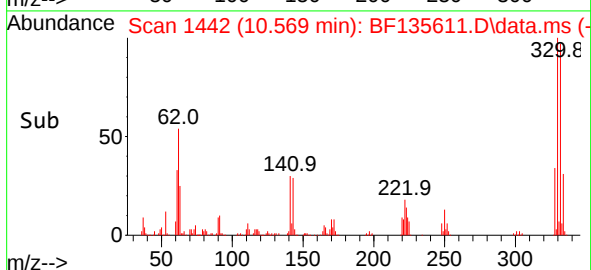
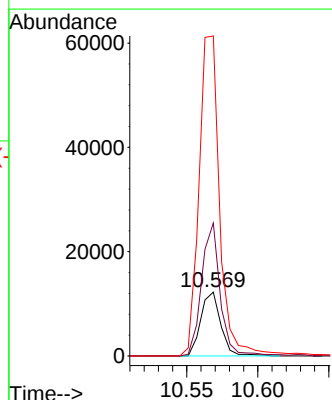
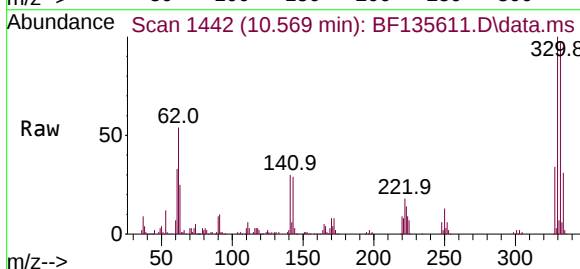
Tgt Ion:248 Resp: 12030

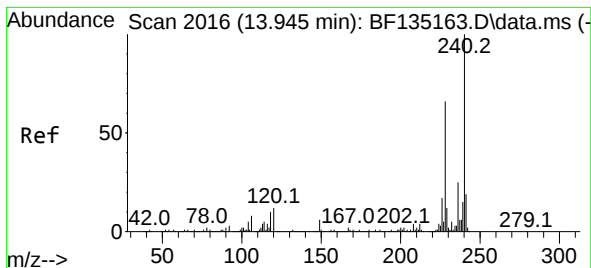
Ion Ratio Lower Upper

248 100

250 208.2 78.6 117.8#

141 501.0 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135611.D

Acq: 05 Oct 2023 21:19

Instrument :

BNA_F

ClientSampleId :

TP-2

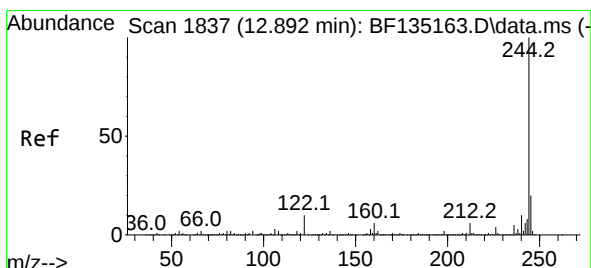
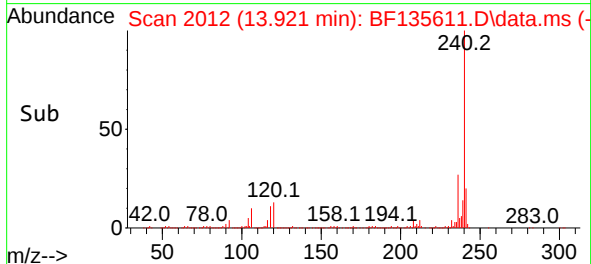
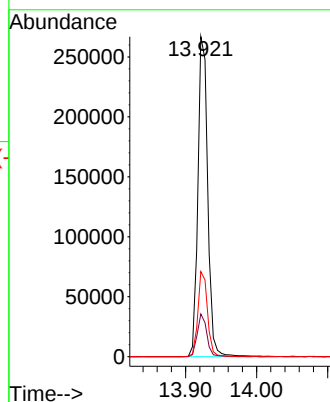
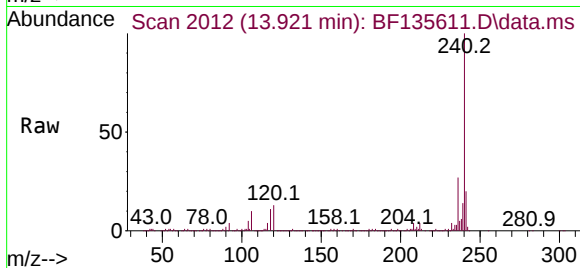
Tgt Ion:240 Resp: 257842

Ion Ratio Lower Upper

240 100

120 13.4 9.4 14.2

236 26.6 19.8 29.8



#79

Terphenyl-d14

Concen: 48.453 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135611.D

Acq: 05 Oct 2023 21:19

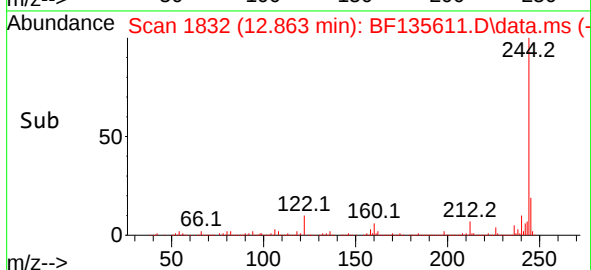
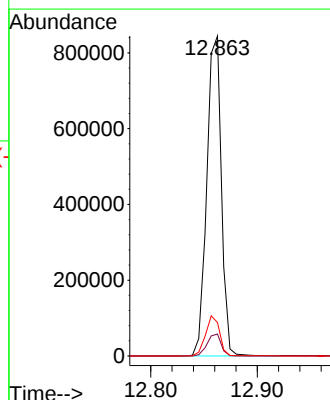
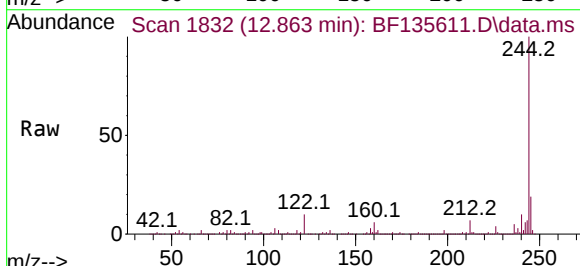
Tgt Ion:244 Resp: 805914

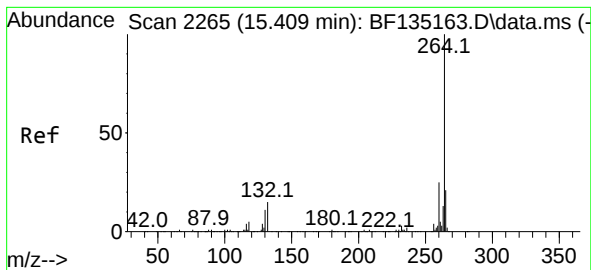
Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 10.4 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135611.D
 Acq: 05 Oct 2023 21:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:264 Resp: 285377
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.5 17.0 25.4

