

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135613.D
 Acq On : 05 Oct 2023 22:22
 Operator : CG\JU
 Sample : 04714-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Oct 06 03:48:40 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)

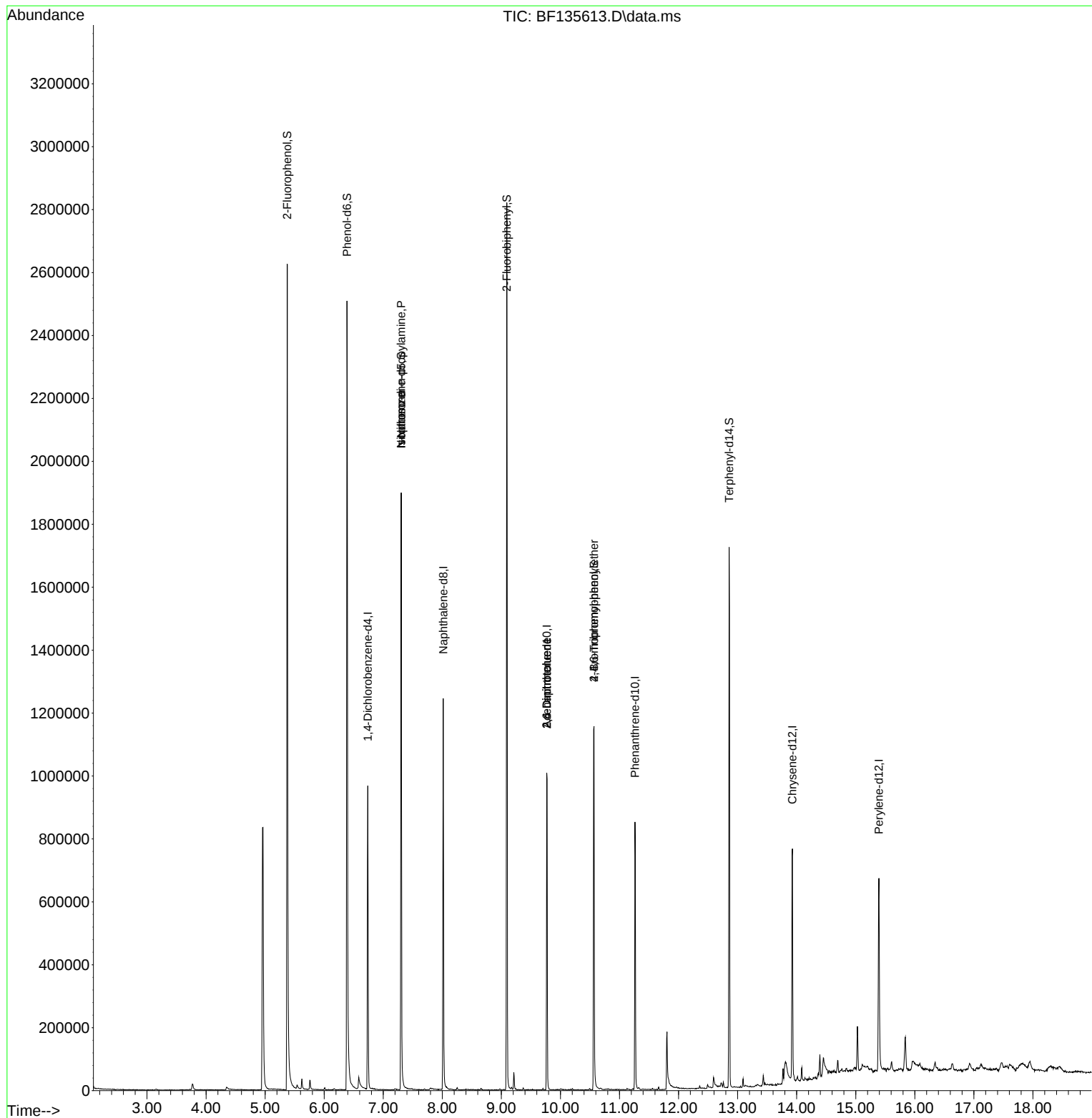
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	135636	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	506956	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	207877	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	321566	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	268884	20.000	ng	0.00
86) Perylene-d12	15.392	264	283251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	747074	89.584	ng	0.00
7) Phenol-d6	6.386	99	892886	84.202	ng	0.00
23) Nitrobenzene-d5	7.304	82	544754	58.380	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	140738	68.128	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	823935	59.799	ng	0.00
79) Terphenyl-d14	12.857	244	606509	34.967	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	71907	10.948	ng	# 82
25) Isophorone	7.304	82	544747	31.793	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	26683	8.666	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	26683	6.923	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	9290	2.905	ng	# 1

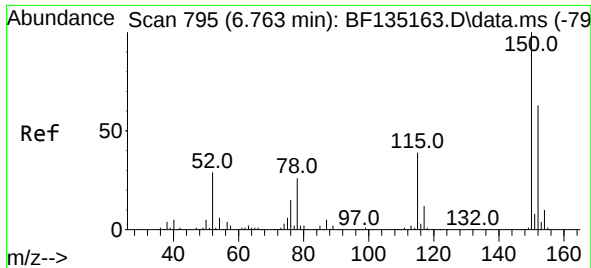
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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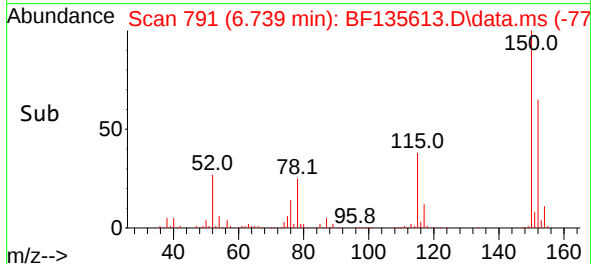
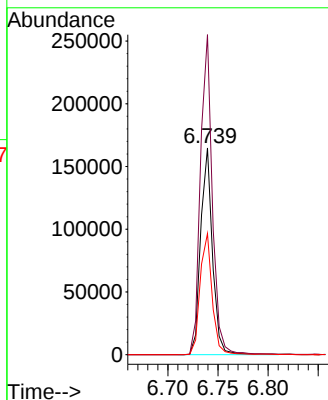
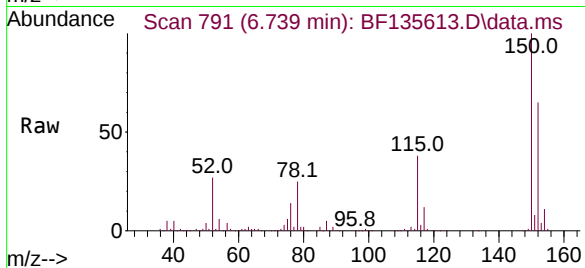




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135613.D
 Acq: 05 Oct 2023 22:22

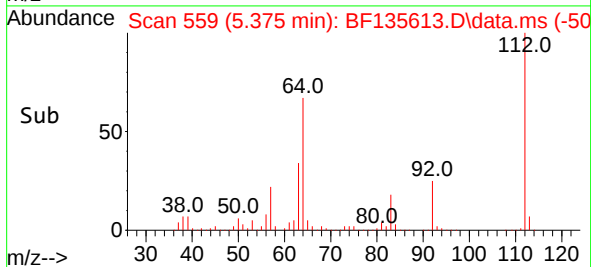
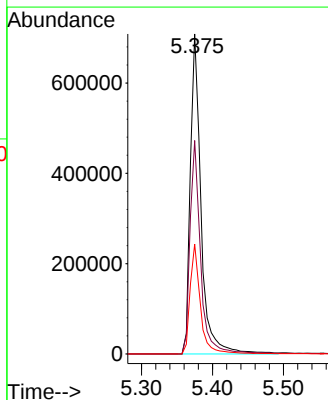
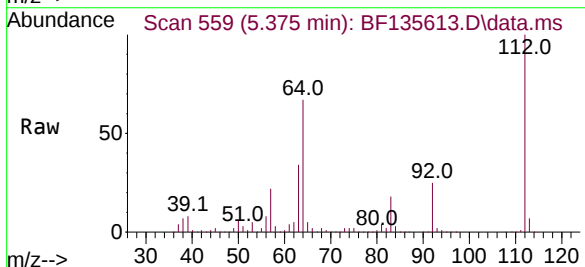
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

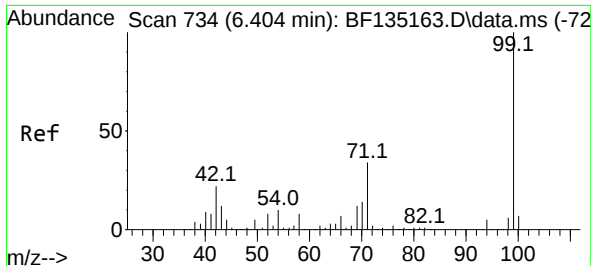
Tgt Ion:152 Resp: 135636
 Ion Ratio Lower Upper
 152 100
 150 154.8 127.8 191.6
 115 58.6 49.8 74.8



#5
 2-Fluorophenol
 Concen: 89.584 ng
 RT: 5.375 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: BF135613.D
 Acq: 05 Oct 2023 22:22

Tgt Ion:112 Resp: 747074
 Ion Ratio Lower Upper
 112 100
 64 66.7 55.9 83.9
 63 34.4 29.0 43.6

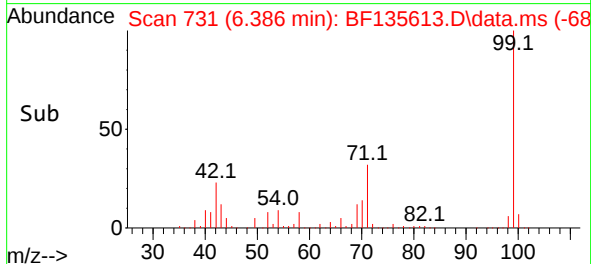
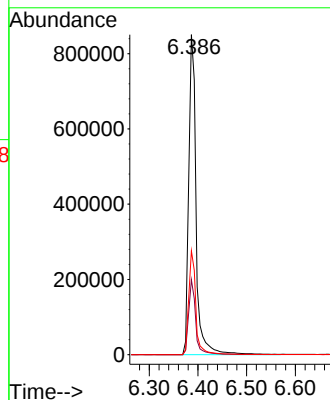
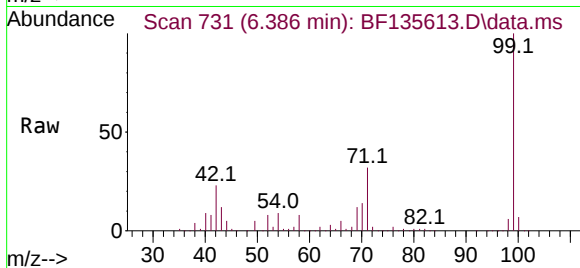




#7
Phenol-d6
Concen: 84.202 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

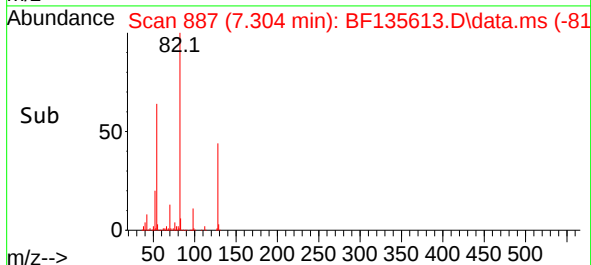
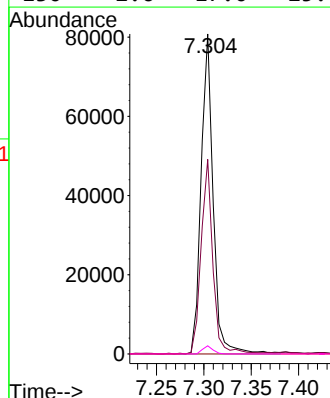
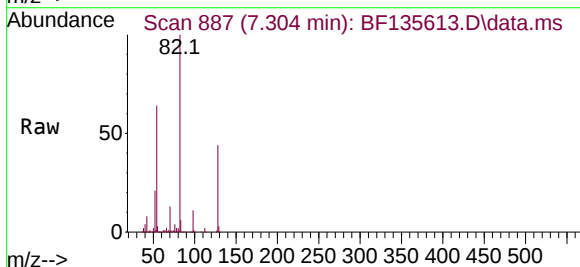
Instrument :
BNA_F
ClientSampleId :
TP-4

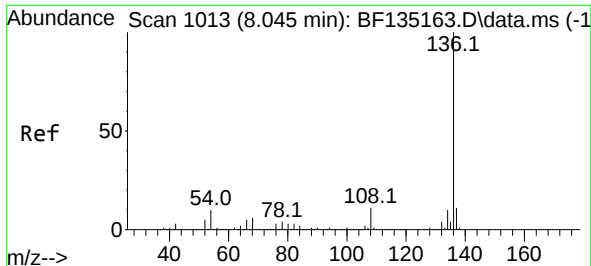
Tgt Ion: 99 Resp: 892886
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 32.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.948 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

Tgt Ion: 70 Resp: 71907
Ion Ratio Lower Upper
70 100
42 60.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.6 17.0 25.6#

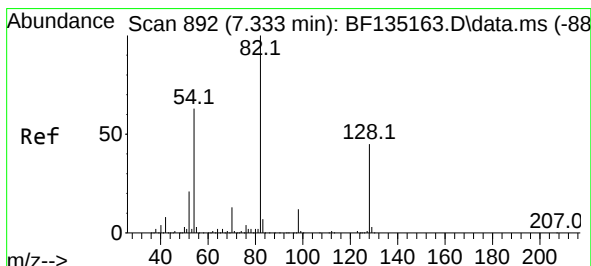
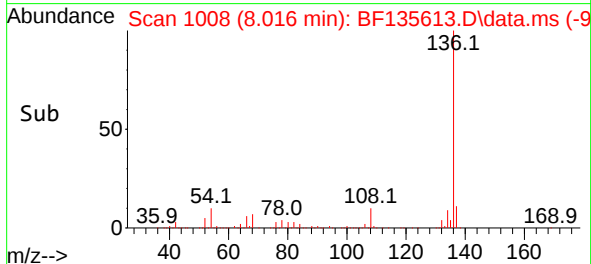
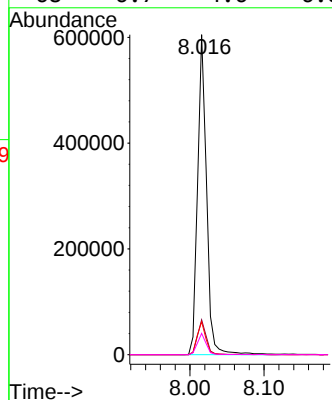
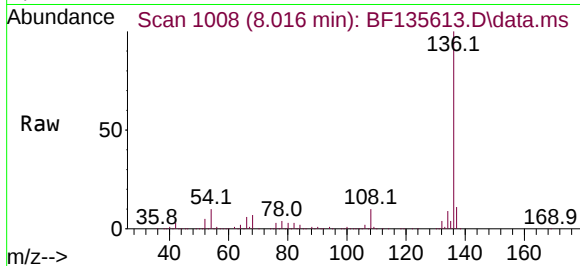




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

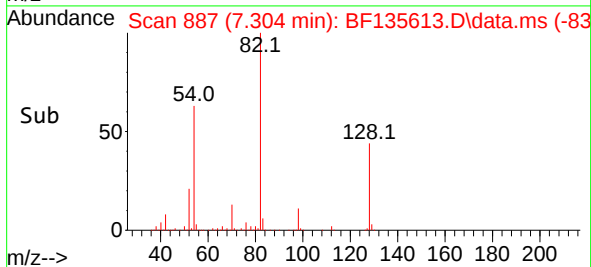
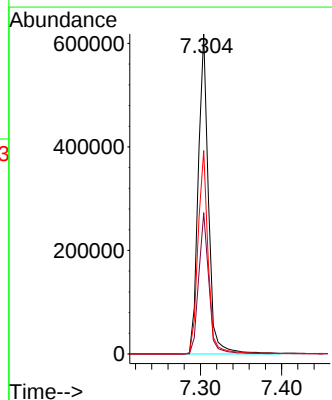
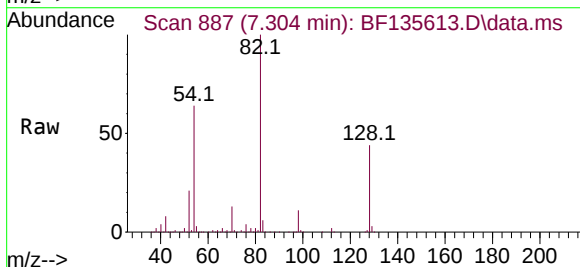
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:136 Resp: 506956
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.3 7.7 11.5
68 6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 58.380 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

Tgt Ion: 82 Resp: 544754
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 63.5 50.6 76.0

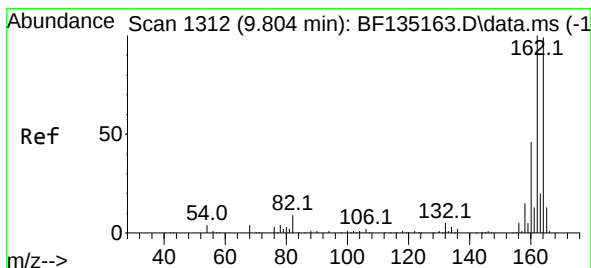
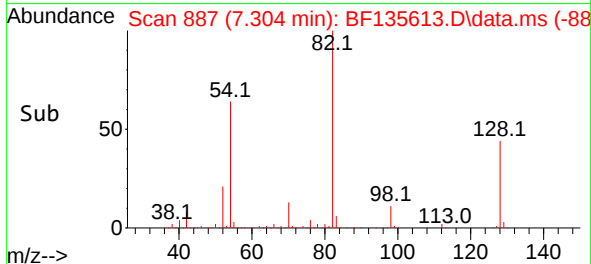
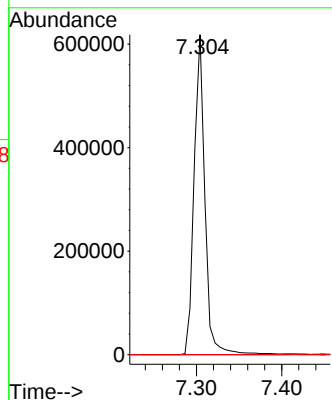
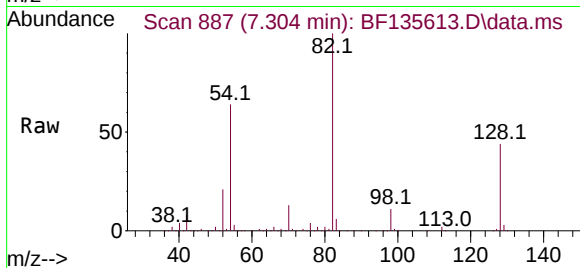




#25
Isophorone
Concen: 31.793 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

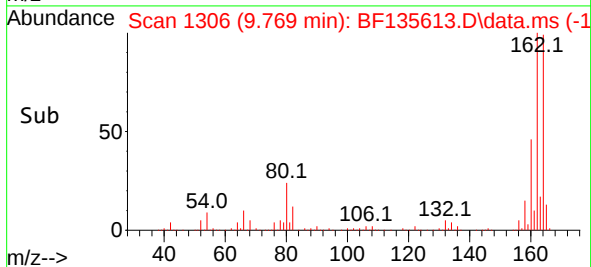
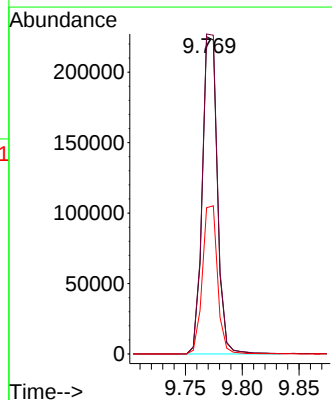
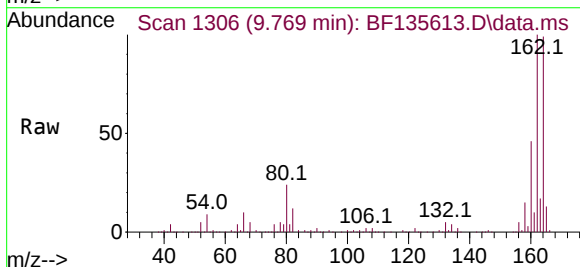
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 82 Resp: 544747
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: BF135613.D
Acq: 05 Oct 2023 22:22

Tgt Ion: 164 Resp: 207877
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 46.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 68.128 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF135613.D

Acq: 05 Oct 2023 22:22

Instrument :

BNA_F

ClientSampleId :

TP-4

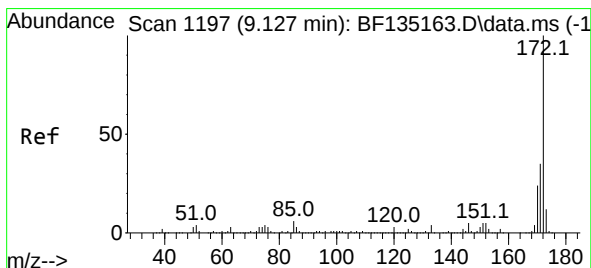
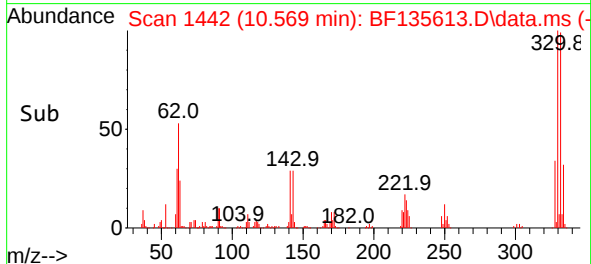
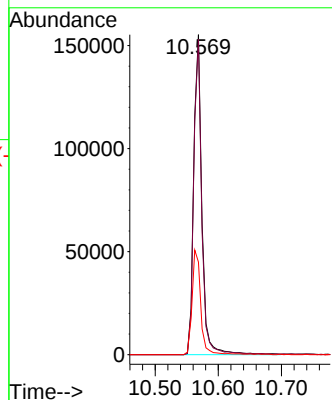
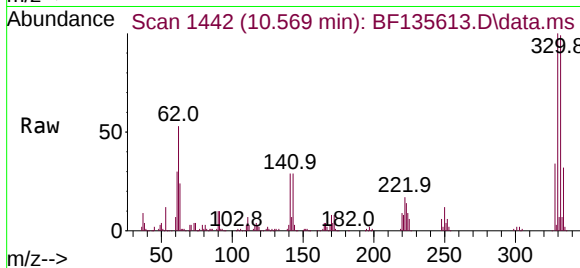
Tgt Ion:330 Resp: 140738

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

141 34.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 59.799 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135613.D

Acq: 05 Oct 2023 22:22

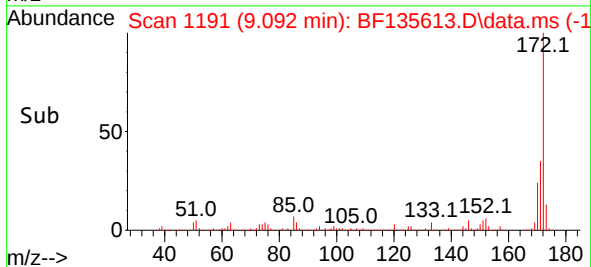
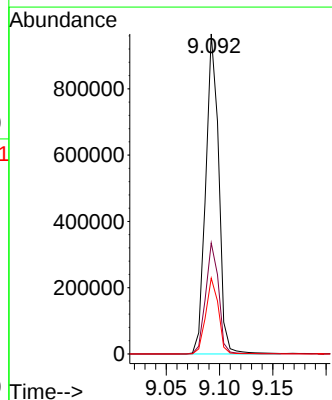
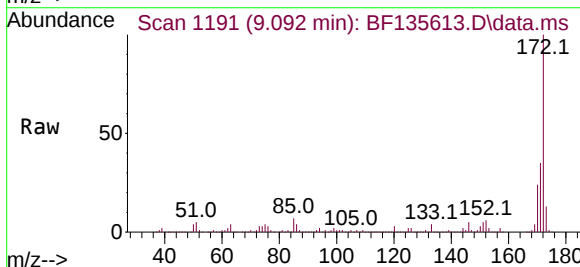
Tgt Ion:172 Resp: 823935

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.7 19.0 28.4

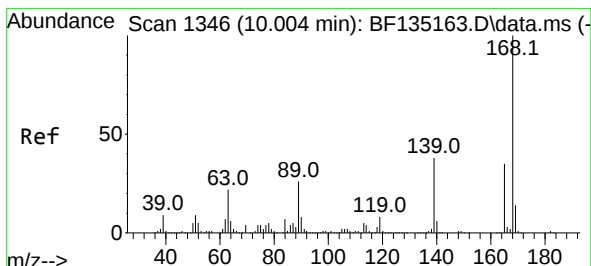
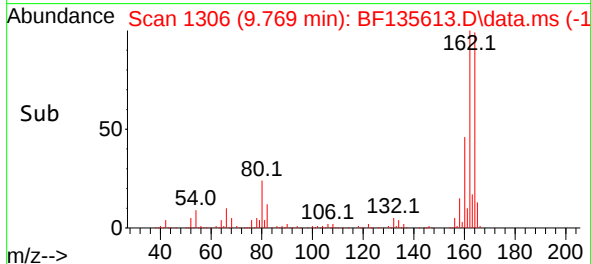
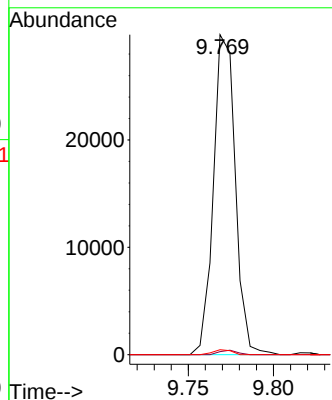
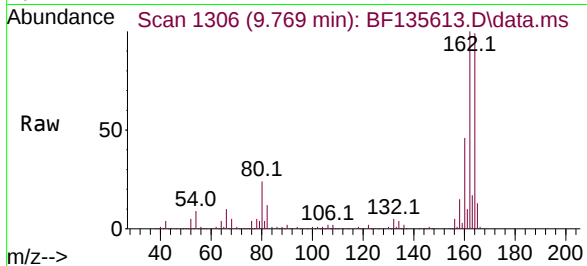




#51
2,6-Dinitrotoluene
Concen: 8.666 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.194 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

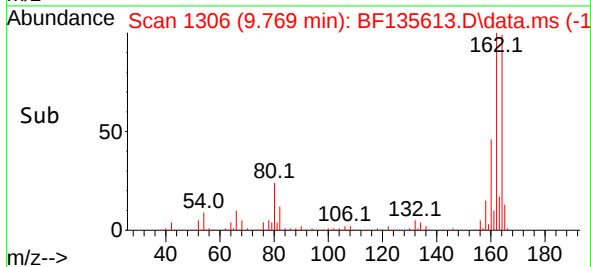
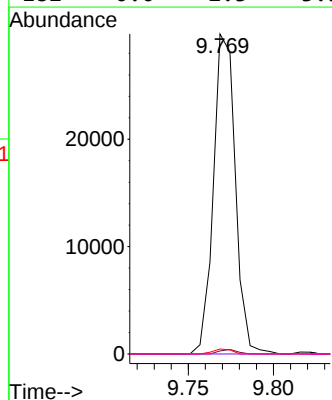
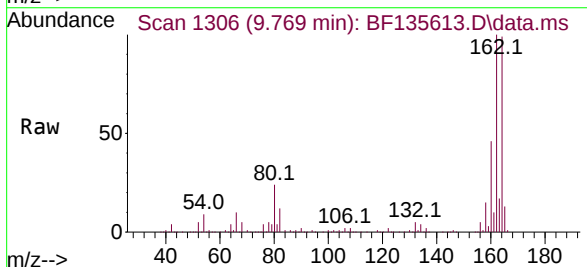
Instrument :
BNA_F
ClientSampleId :
TP-4

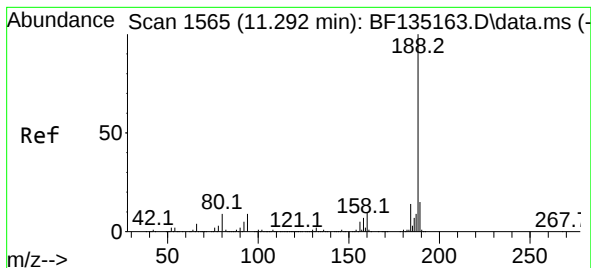
Tgt Ion:165 Resp: 26683
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.6 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.923 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.218 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

Tgt Ion:165 Resp: 26683
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.6 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135613.D

Acq: 05 Oct 2023 22:22

Instrument :

BNA_F

ClientSampleId :

TP-4

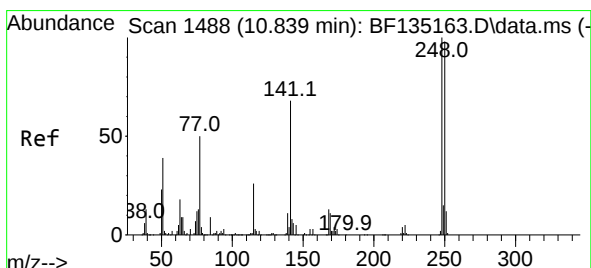
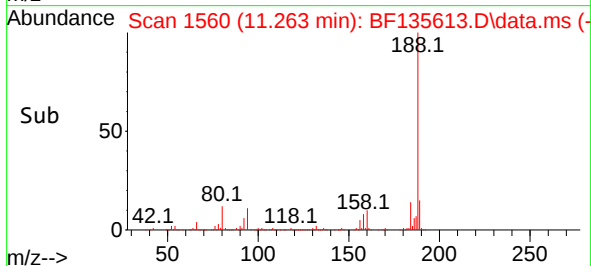
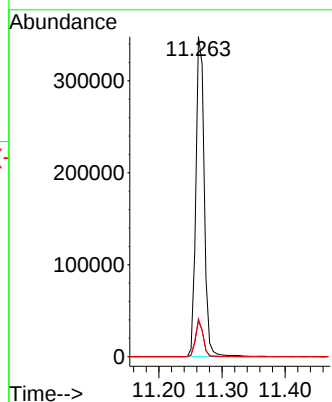
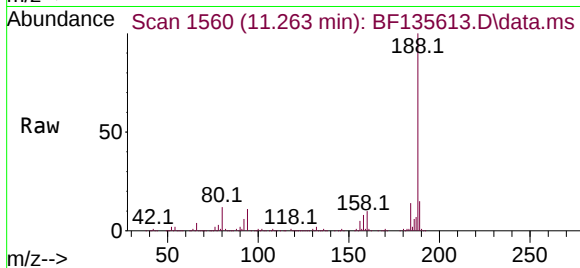
Tgt Ion:188 Resp: 321566

Ion Ratio Lower Upper

188 100

94 11.2 7.0 10.6#

80 11.9 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 2.905 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF135613.D

Acq: 05 Oct 2023 22:22

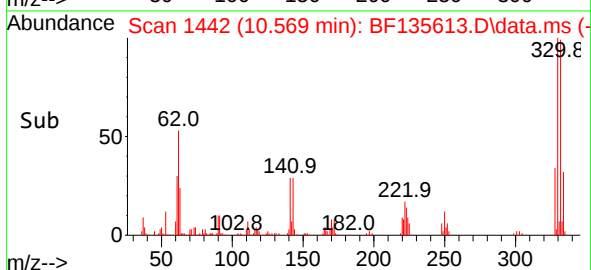
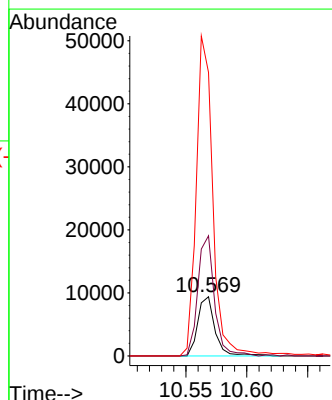
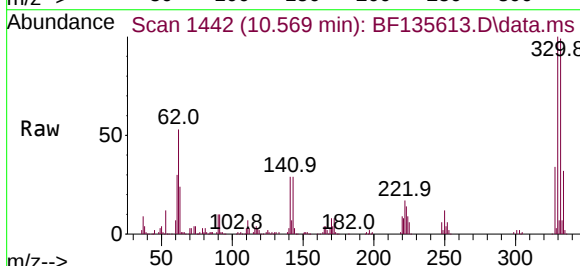
Tgt Ion:248 Resp: 9290

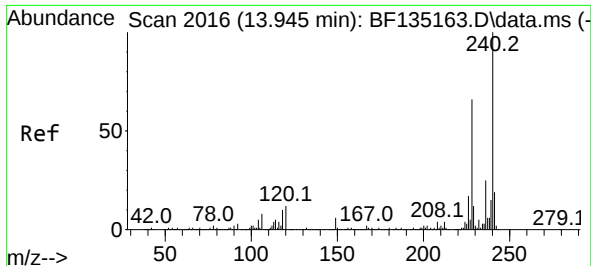
Ion Ratio Lower Upper

248 100

250 202.8 78.6 117.8#

141 478.4 54.2 81.2#

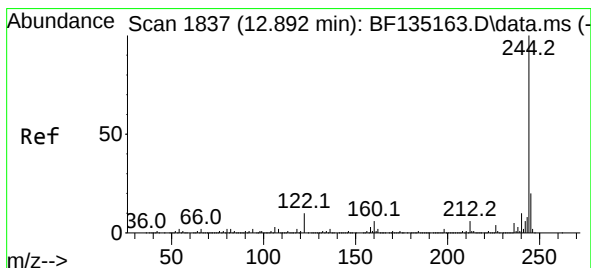
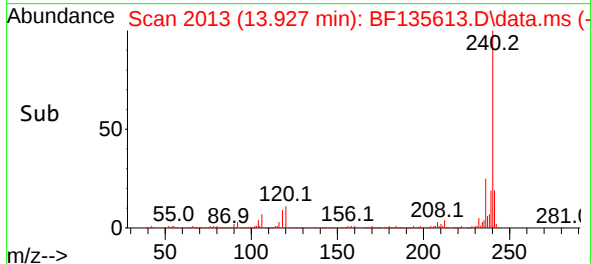
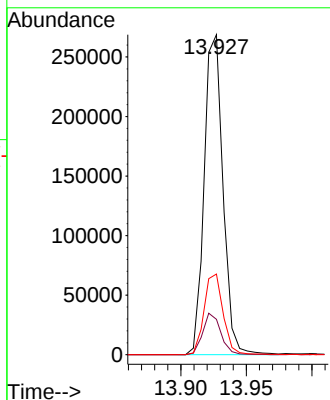
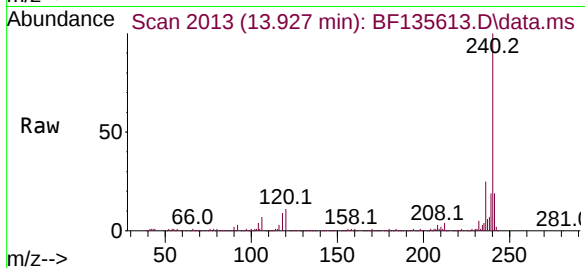




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

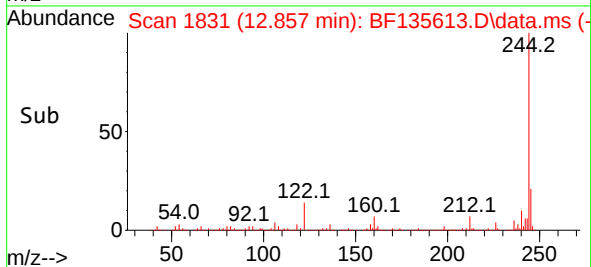
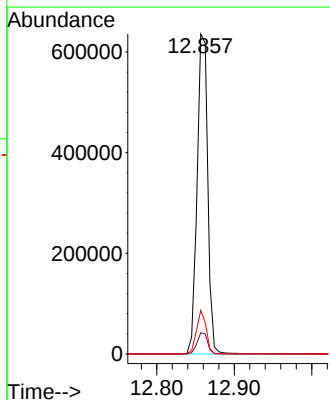
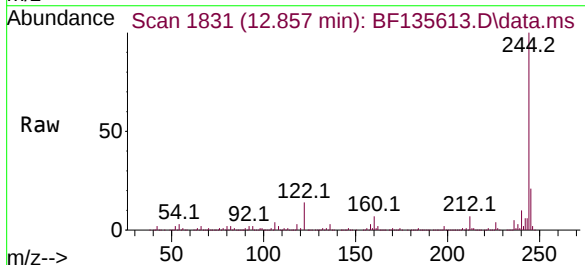
Instrument :
BNA_F
ClientSampleId :
TP-4

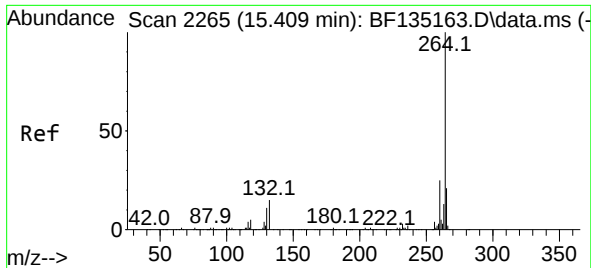
Tgt Ion:240 Resp: 268884
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 25.2 19.8 29.8



#79
Terphenyl-d14
Concen: 34.967 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF135613.D
Acq: 05 Oct 2023 22:22

Tgt Ion:244 Resp: 606509
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 13.6 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: BF135613.D
 Acq: 05 Oct 2023 22:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:264 Resp: 283251
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 21.5 17.0 25.4

