

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135609.D
 Acq On : 05 Oct 2023 20:15
 Operator : CG\JU
 Sample : 04712-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-1

Quant Time: Oct 06 03:47:25 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)

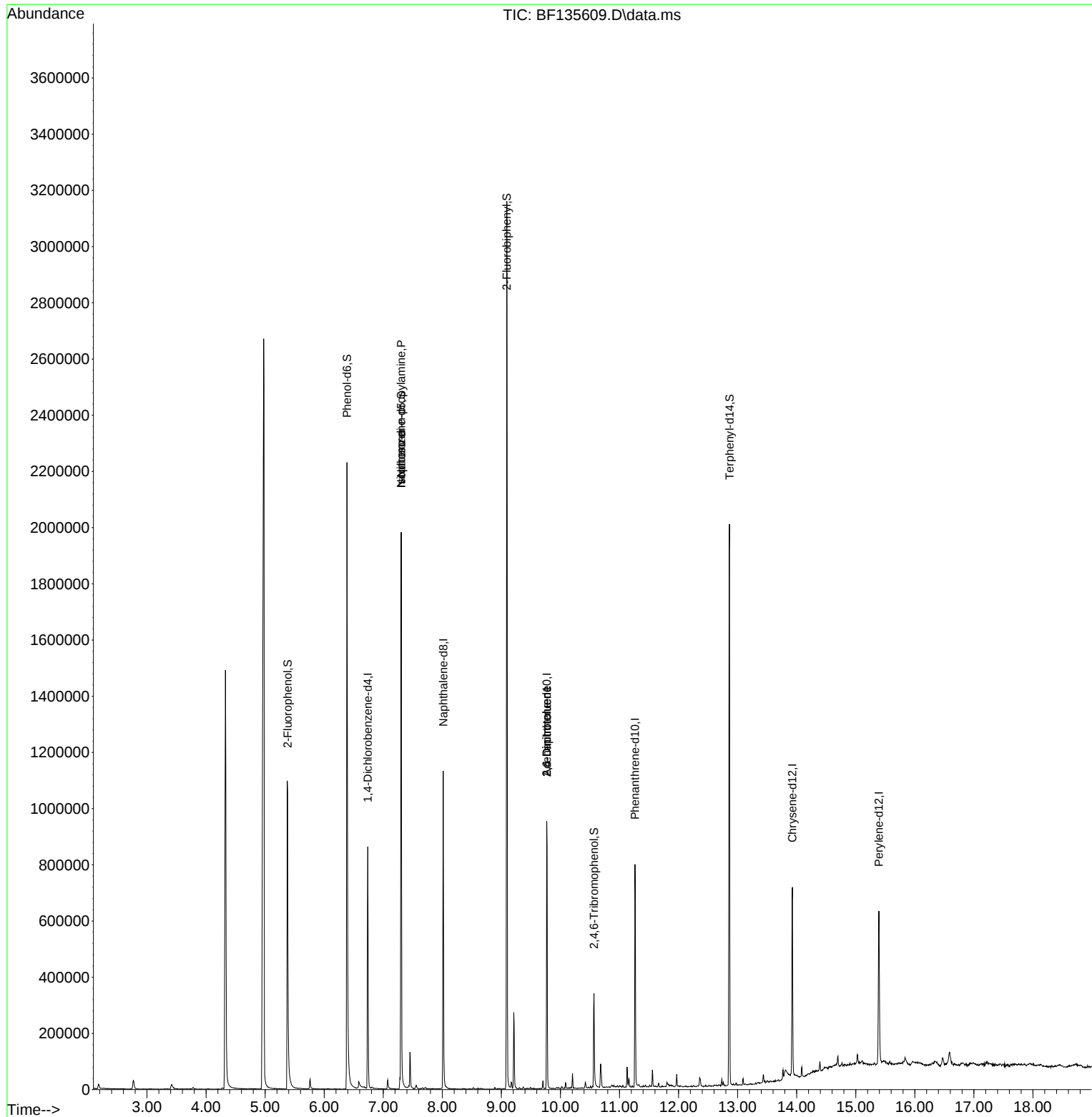
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	121745	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	448964	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	191785	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	292336	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	236178	20.000	ng	0.00
86) Perylene-d12	15.392	264	251872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	354228	47.323	ng	0.01
7) Phenol-d6	6.386	99	726747	76.355	ng	0.00
23) Nitrobenzene-d5	7.304	82	557779	67.497	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	42158	22.120	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	938776	73.851	ng	0.00
79) Terphenyl-d14	12.863	244	733352	48.135	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	73509	12.469	ng	# 81
25) Isophorone	7.304	82	557776	36.758	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	24221	8.527	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	24221	6.811	ng	# 18

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

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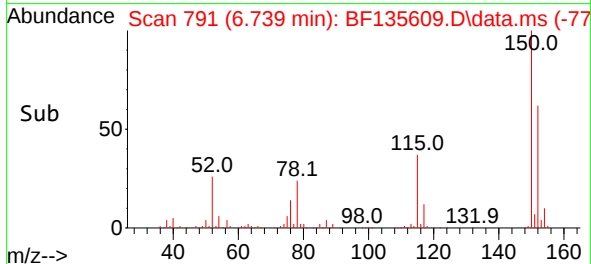
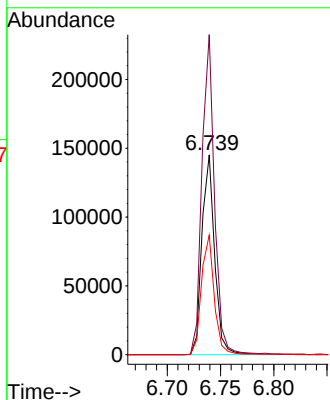
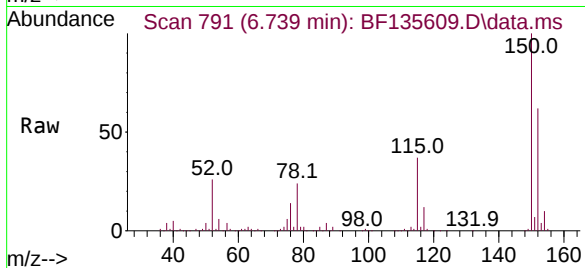




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135609.D
Acq: 05 Oct 2023 20:15

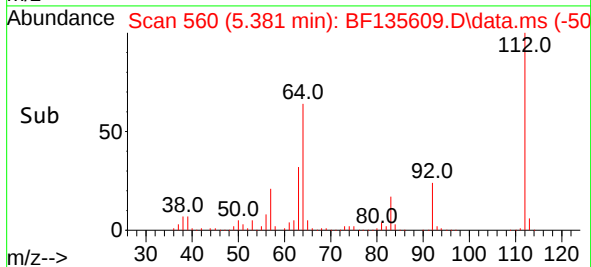
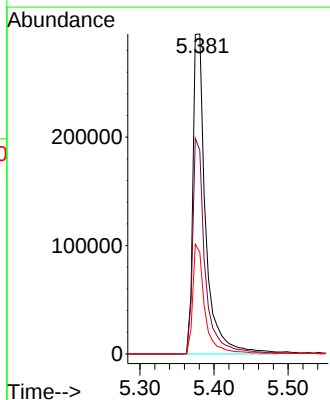
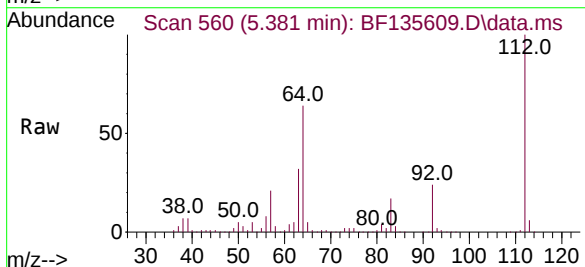
Instrument :
BNA_F
ClientSampleId :
CONC-1

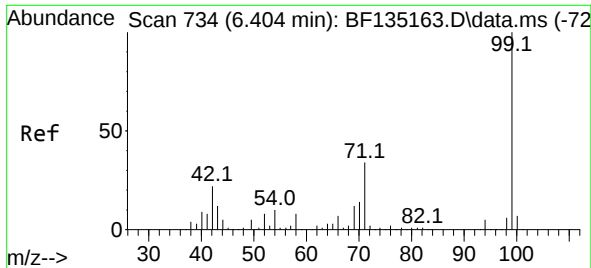
Tgt Ion:152 Resp: 121745
Ion Ratio Lower Upper
152 100
150 160.1 127.8 191.6
115 59.9 49.8 74.8



#5
2-Fluorophenol
Concen: 47.323 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135609.D
Acq: 05 Oct 2023 20:15

Tgt Ion:112 Resp: 354228
Ion Ratio Lower Upper
112 100
64 63.6 55.9 83.9
63 31.8 29.0 43.6

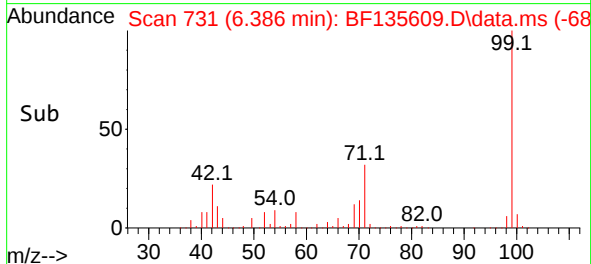
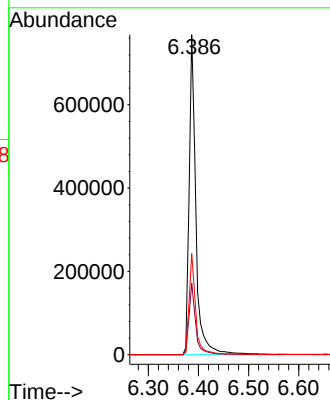
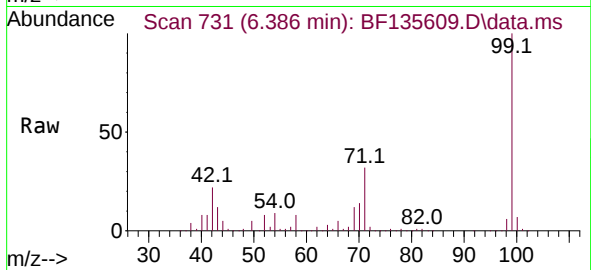




#7
Phenol-d6
Concen: 76.355 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135609.D
Acq: 05 Oct 2023 20:15

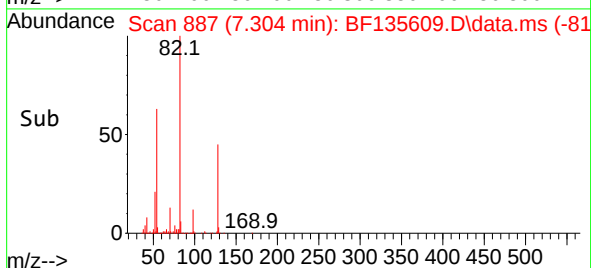
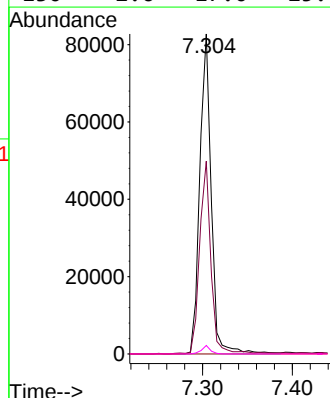
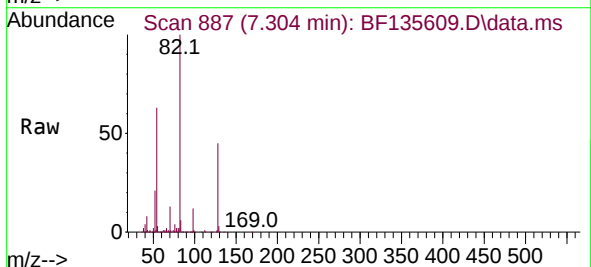
Instrument :
BNA_F
ClientSampleId :
CONC-1

Tgt Ion: 99 Resp: 726747
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 31.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.469 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135609.D
Acq: 05 Oct 2023 20:15

Tgt Ion: 70 Resp: 73509
Ion Ratio Lower Upper
70 100
42 60.2 55.4 83.0
101 0.0 7.7 11.5#
130 2.6 17.0 25.6#

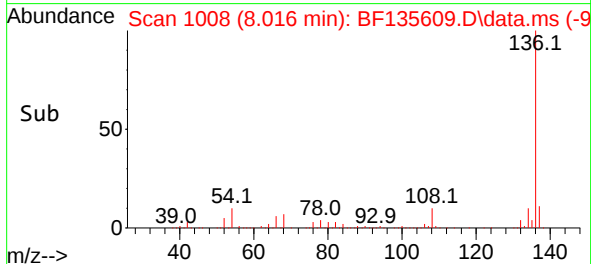
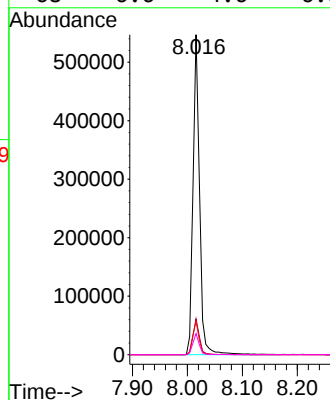
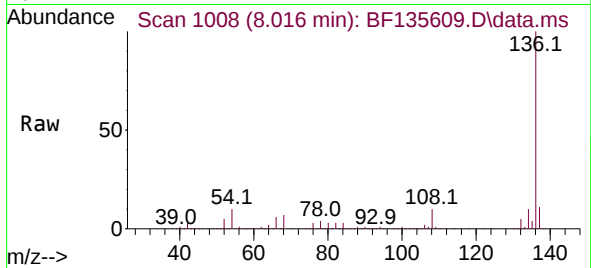




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135609.D
Acq: 05 Oct 2023 20:15

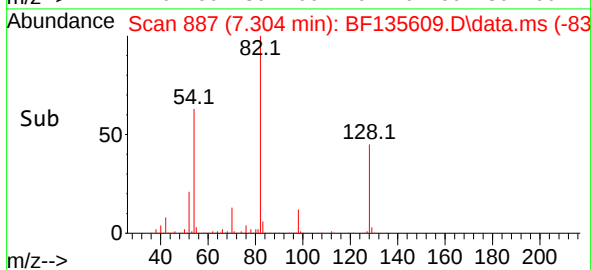
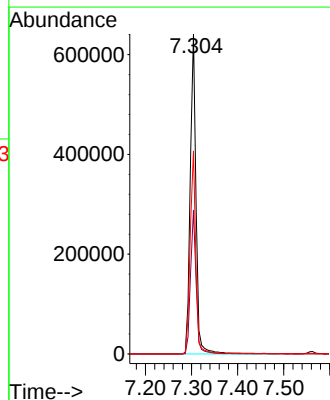
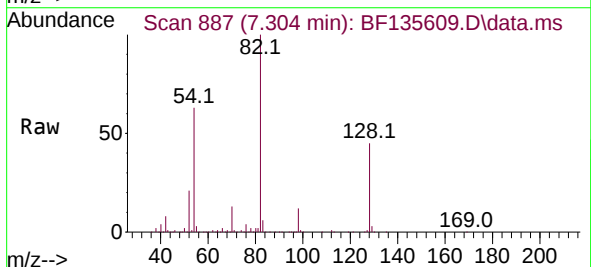
Instrument :
BNA_F
ClientSampleId :
CONC-1

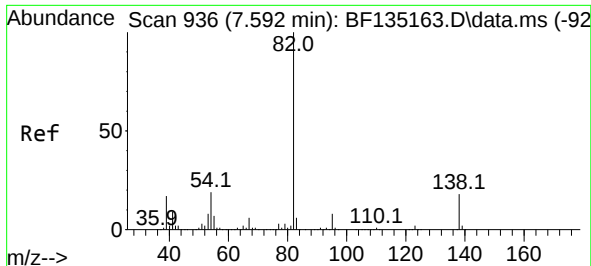
Tgt	Ion:136	Resp:	448964
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.5	7.7	11.5
68	6.6	4.6	6.8



#23
Nitrobenzene-d5
Concen: 67.497 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135609.D
Acq: 05 Oct 2023 20:15

Tgt Ion: 82	Resp: 557779
Ion Ratio	Lower Upper
82 100	
128 45.0	35.8 53.6
54 63.5	50.6 76.0

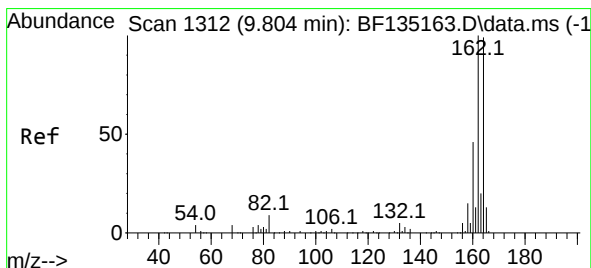
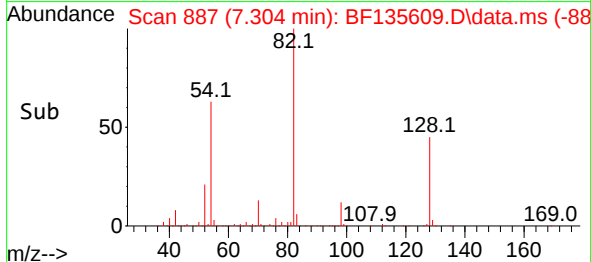
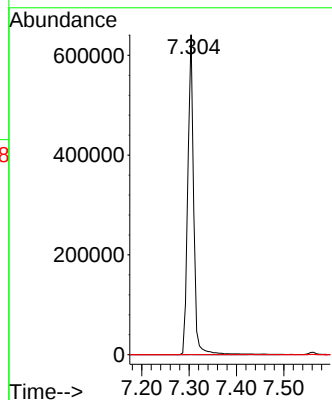
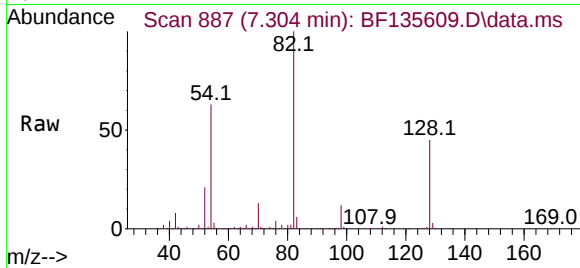




#25
Isophorone
Concen: 36.758 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135609.D
Acq: 05 Oct 2023 20:15

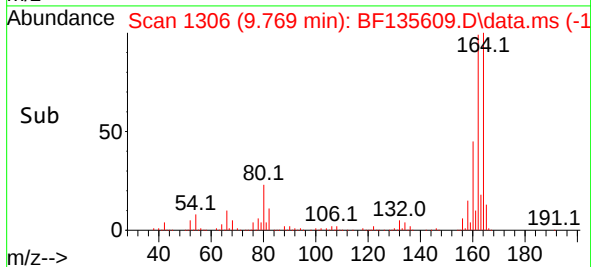
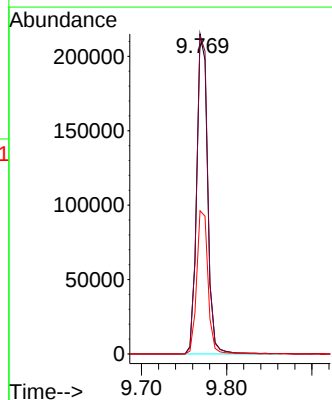
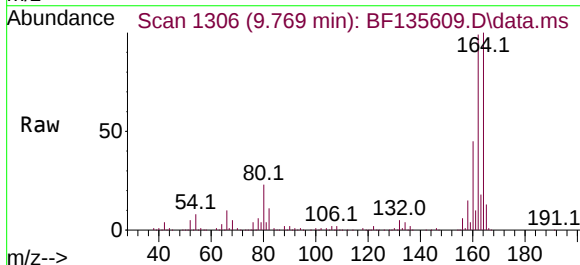
Instrument :
BNA_F
ClientSampleId :
CONC-1

Tgt Ion: 82 Resp: 557776
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: BF135609.D
Acq: 05 Oct 2023 20:15

Tgt Ion:164 Resp: 191785
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 44.8 37.0 55.4

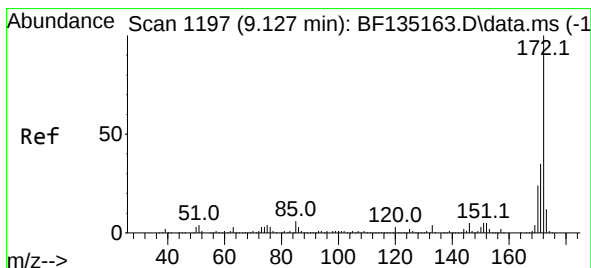
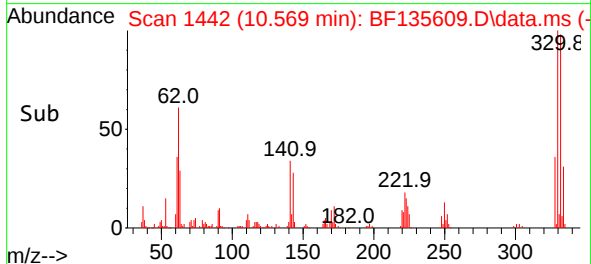
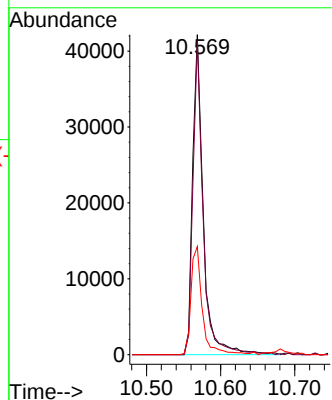
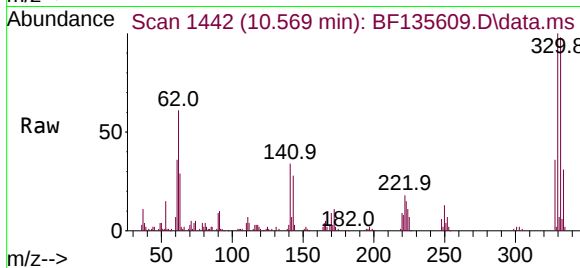




#42
2,4,6-Tribromophenol
Concen: 22.120 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF135609.D
Acq: 05 Oct 2023 20:15

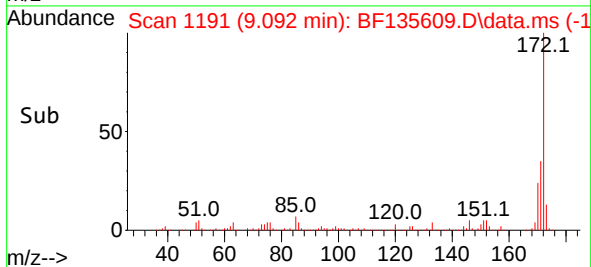
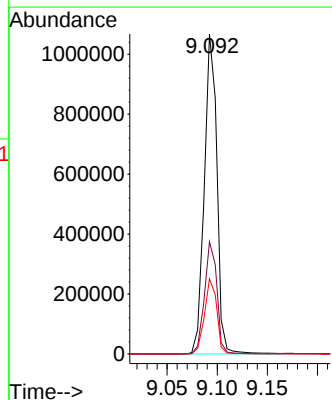
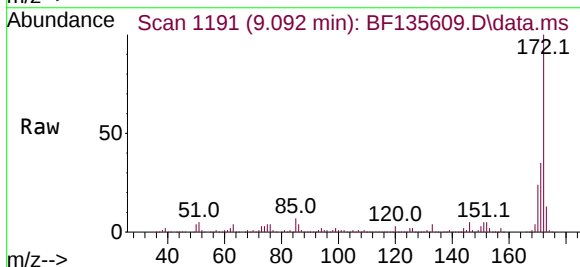
Instrument :
BNA_F
ClientSampleId :
CONC-1

Tgt Ion:330 Resp: 42158
Ion Ratio Lower Upper
330 100
332 93.8 77.3 115.9
141 36.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 73.851 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135609.D
Acq: 05 Oct 2023 20:15

Tgt Ion:172 Resp: 938776
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.5 19.0 28.4

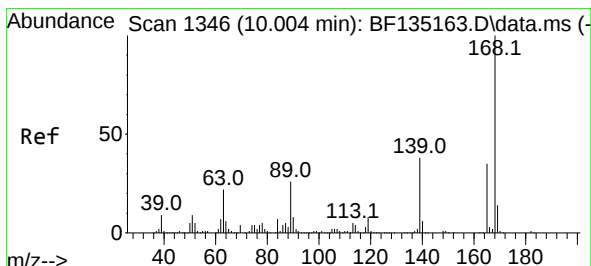
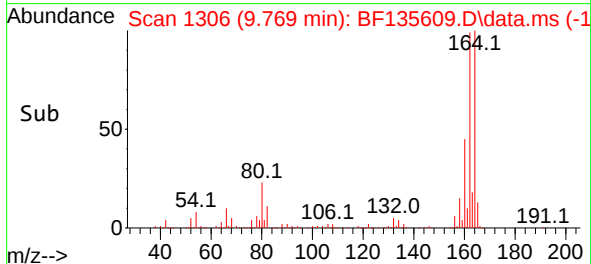
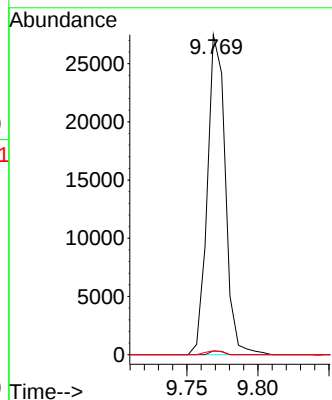
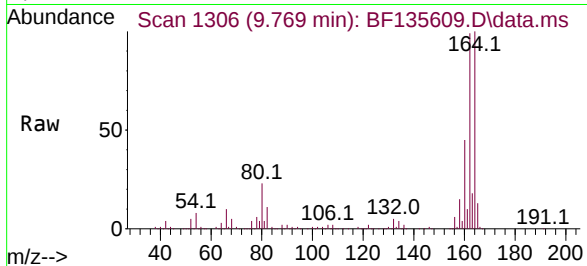




#51
2,6-Dinitrotoluene
Concen: 8.527 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135609.D
Acq: 05 Oct 2023 20:15

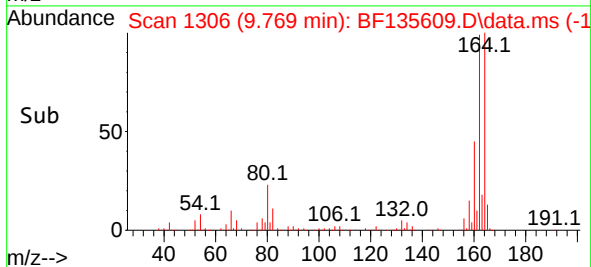
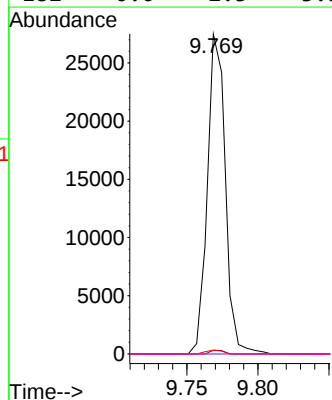
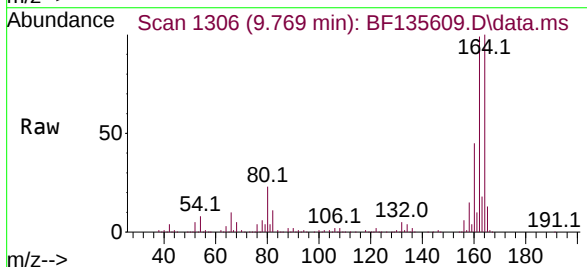
Instrument :
BNA_F
ClientSampleId :
CONC-1

Tgt Ion:165 Resp: 24221
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.2 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.811 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.218 min
Lab File: BF135609.D
Acq: 05 Oct 2023 20:15

Tgt Ion:165 Resp: 24221
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.2 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: BF135609.D

Acq: 05 Oct 2023 20:15

Instrument :

BNA_F

ClientSampleId :

CONC-1

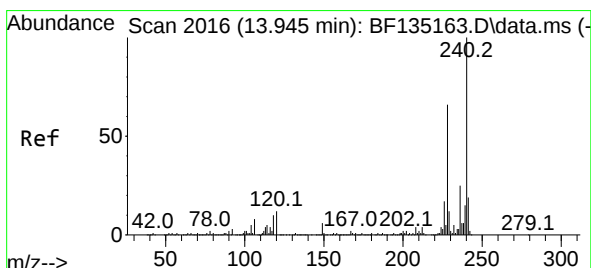
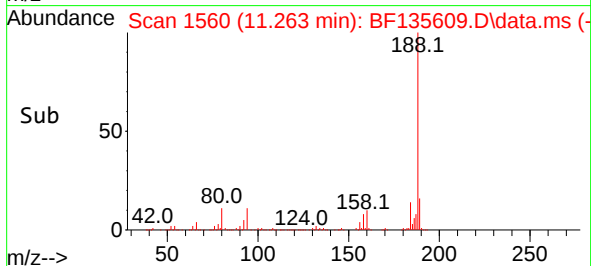
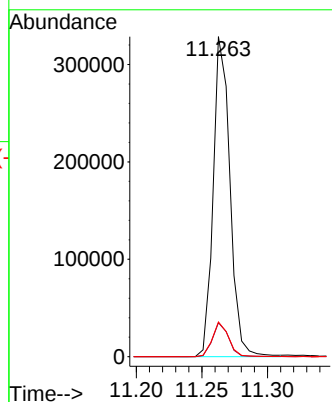
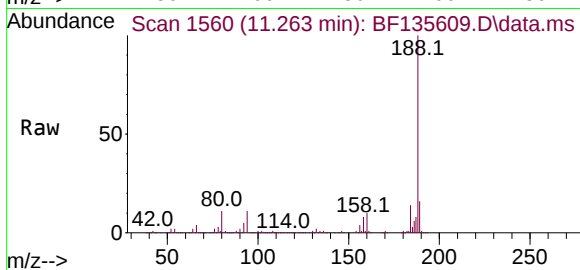
Tgt Ion:188 Resp: 292336

Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 10.8 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF135609.D

Acq: 05 Oct 2023 20:15

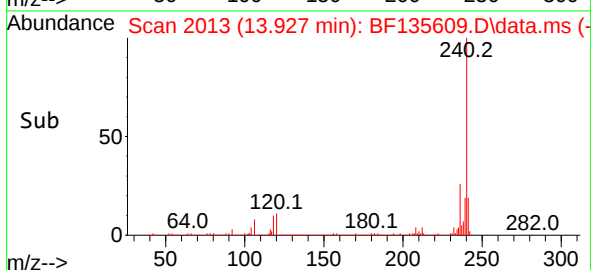
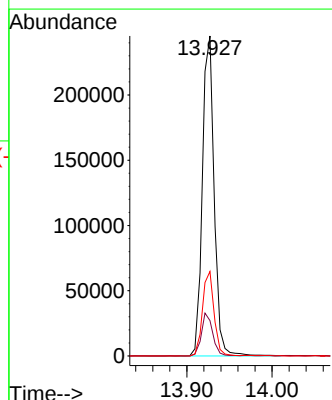
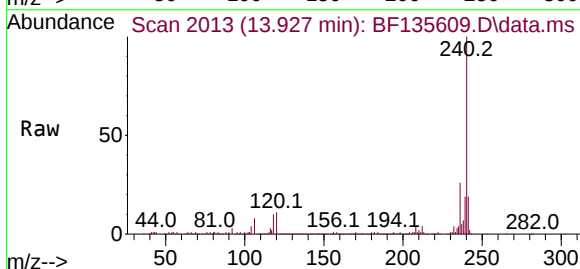
Tgt Ion:240 Resp: 236178

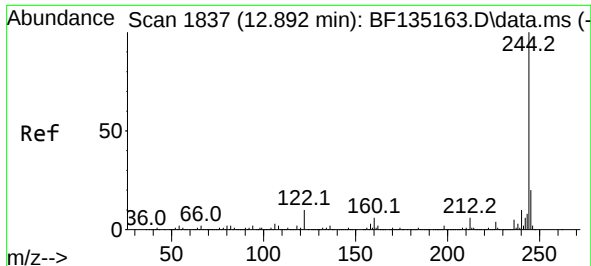
Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

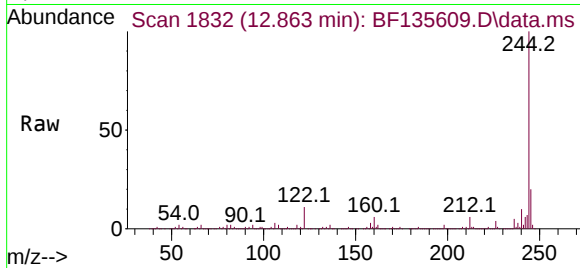
236 26.4 19.8 29.8



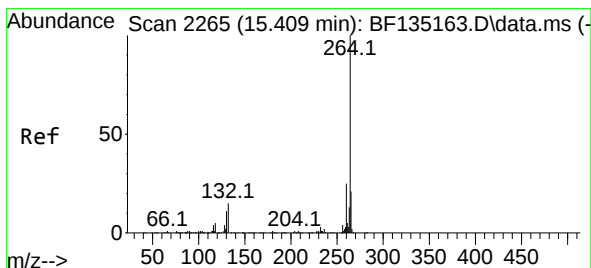
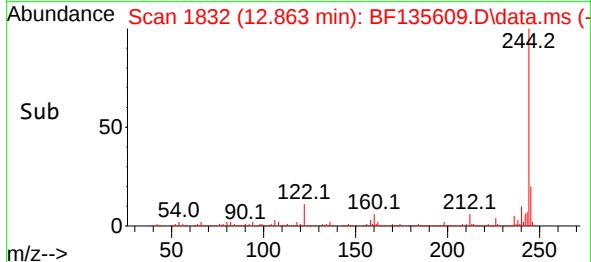
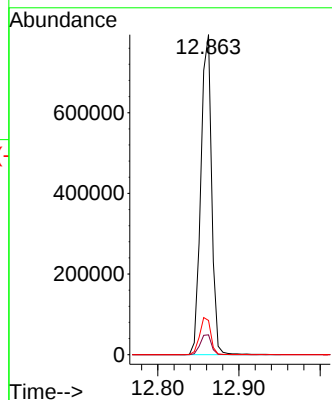


#79
 Terphenyl-d14
 Concen: 48.135 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF135609.D
 Acq: 05 Oct 2023 20:15

Instrument :
 BNA_F
 ClientSampleId :
 CONC-1



Tgt Ion:244 Resp: 733352
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 10.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: BF135609.D
 Acq: 05 Oct 2023 20:15

Tgt Ion:264 Resp: 251872
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.8 29.6
 265 22.3 17.0 25.4

