

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128106.D
 Acq On : 05 May 2022 20:50
 Operator : CG\JU
 Sample : N2703-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-28

Quant Time: May 06 05:02:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

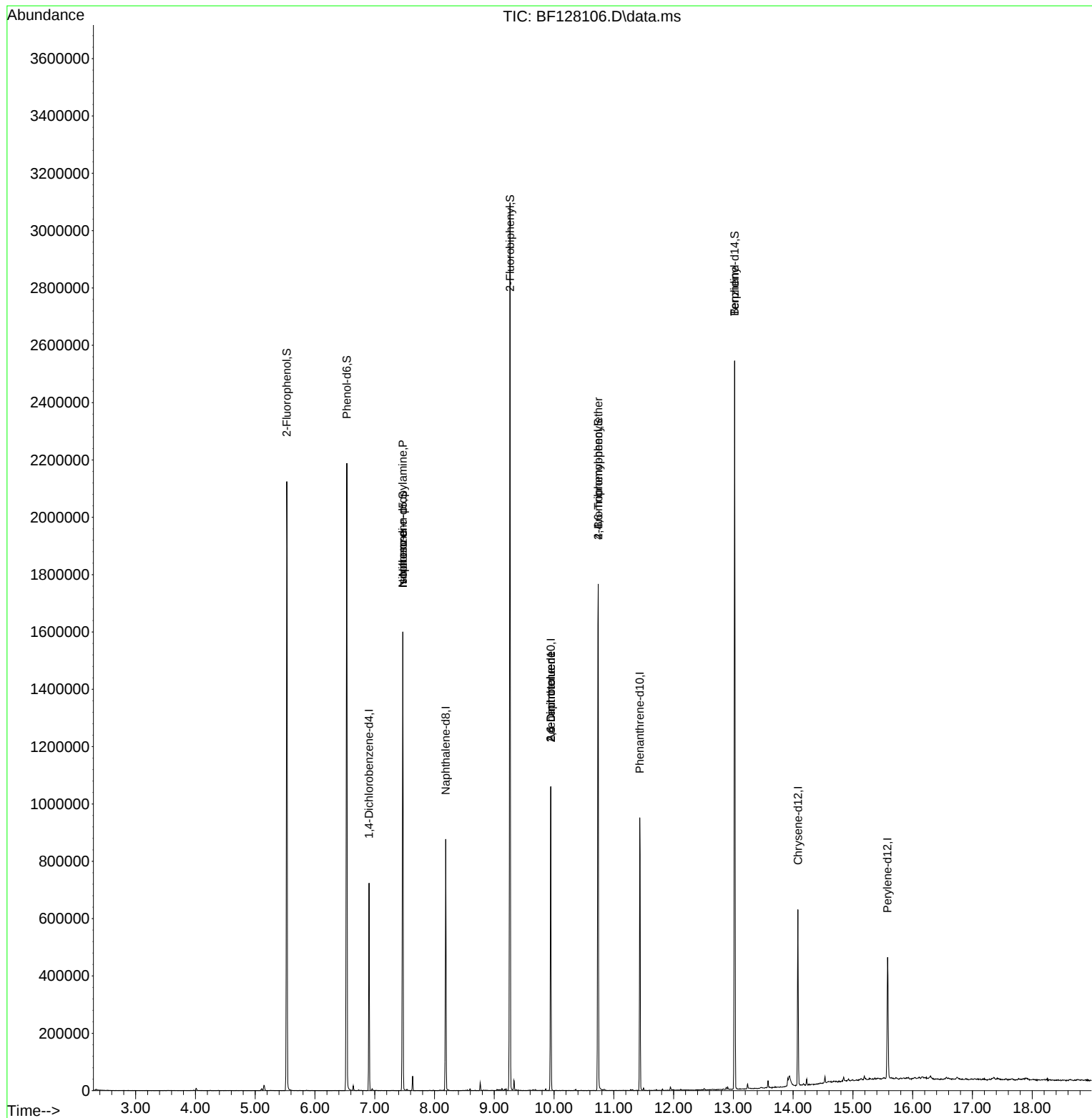
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	87345	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	344812	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	197225	20.000	ng	0.00
64) Phenanthrene-d10	11.434	188	345342	20.000	ng	-0.01
76) Chrysene-d12	14.080	240	197996	20.000	ng	-0.01
86) Perylene-d12	15.580	264	195723	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	565852	103.186	ng	0.00
7) Phenol-d6	6.534	99	735630	103.383	ng	-0.01
23) Nitrobenzene-d5	7.469	82	529029	72.147	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	214136	107.855	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	906424	77.751	ng	0.00
79) Terphenyl-d14	13.022	244	843790	77.927	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	71506	16.416	ng	# 80
25) Isophorone	7.469	82	529025	42.866	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	24529	8.565	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	24529	6.466	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	13039	3.406	ng	# 1
77) Benzidine	13.022	184	12094	3.228	ng	# 91

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

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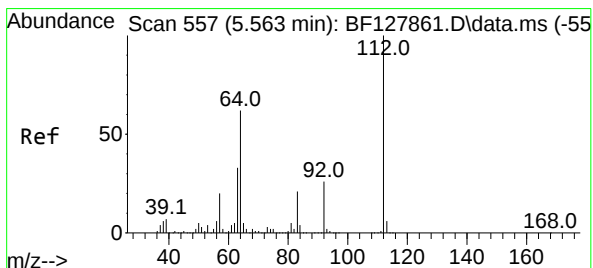
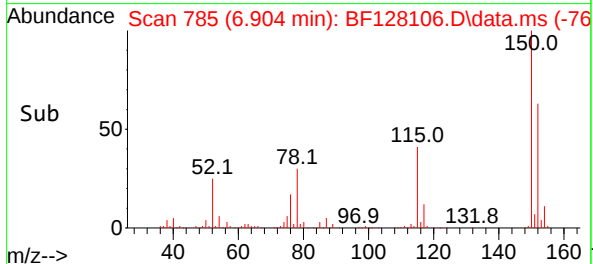
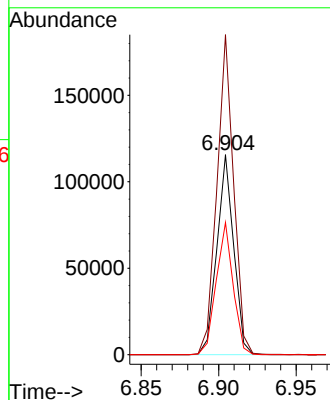
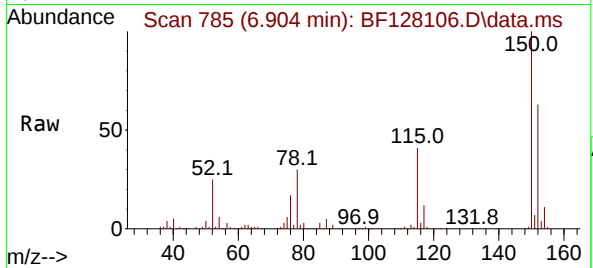




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128106.D
 Acq: 05 May 2022 20:50

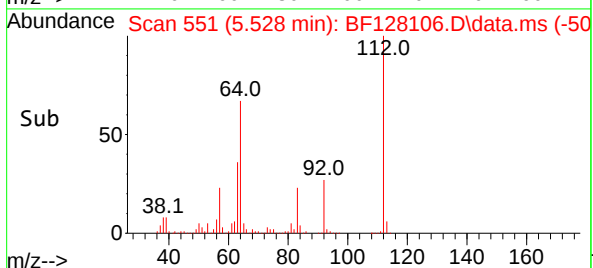
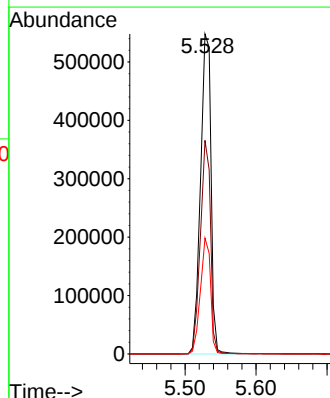
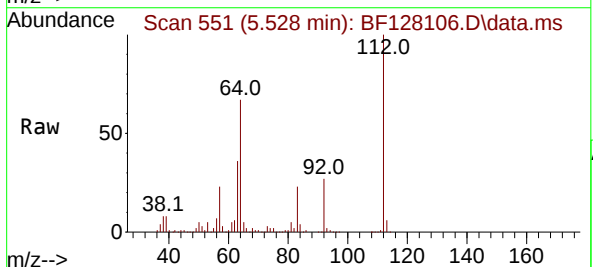
Instrument :
 BNA_F
 ClientSampleId :
 TP-28

Tgt Ion:152 Resp: 87345
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.3 187.9
 115 66.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 103.186 ng
 RT: 5.528 min Scan# 551
 Delta R.T. -0.006 min
 Lab File: BF128106.D
 Acq: 05 May 2022 20:50

Tgt Ion:112 Resp: 565852
 Ion Ratio Lower Upper
 112 100
 64 66.8 49.5 74.3
 63 36.2 26.3 39.5

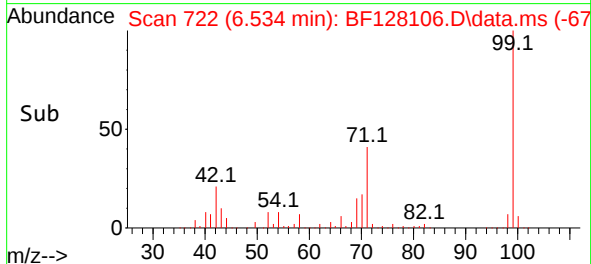
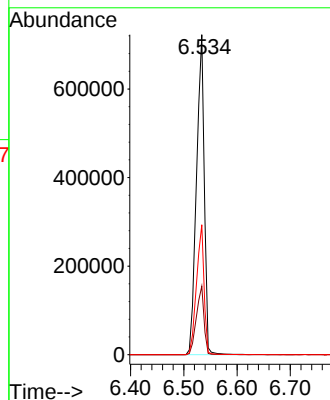
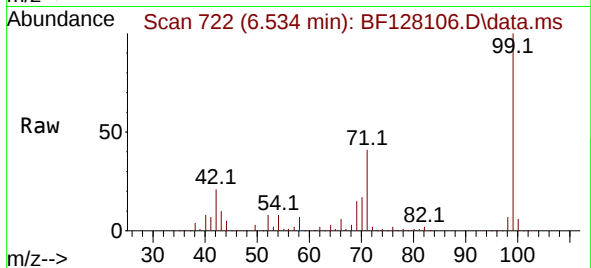




#7
Phenol-d6
Concen: 103.383 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128106.D
Acq: 05 May 2022 20:50

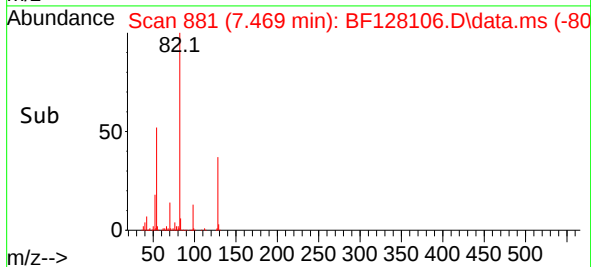
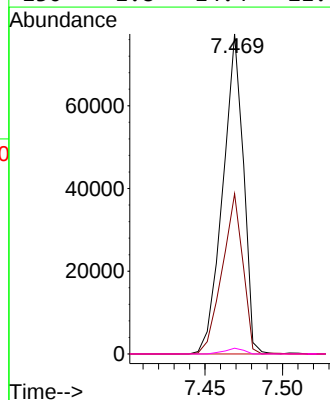
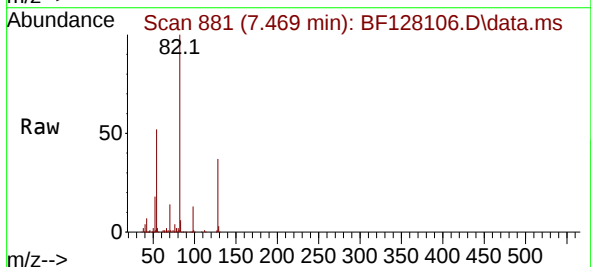
Instrument :
BNA_F
ClientSampleId :
TP-28

Tgt Ion: 99 Resp: 735630
Ion Ratio Lower Upper
99 100
42 21.4 16.6 24.8
71 40.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.416 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128106.D
Acq: 05 May 2022 20:50

Tgt Ion: 70 Resp: 71506
Ion Ratio Lower Upper
70 100
42 50.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

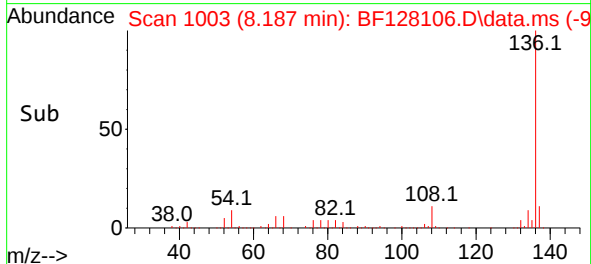
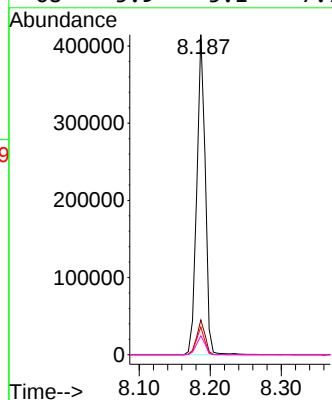
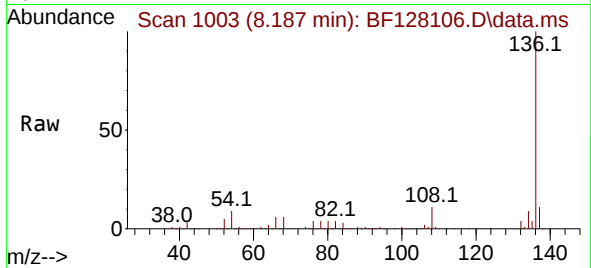




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128106.D
Acq: 05 May 2022 20:50

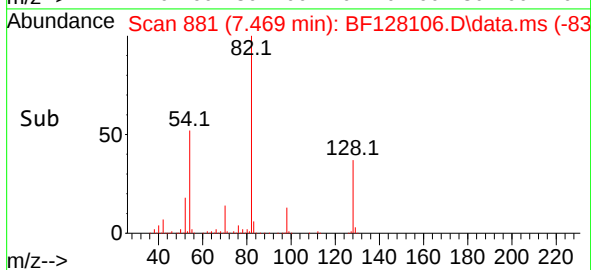
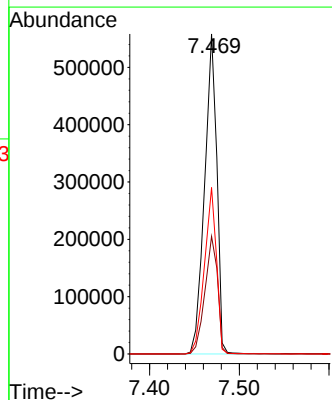
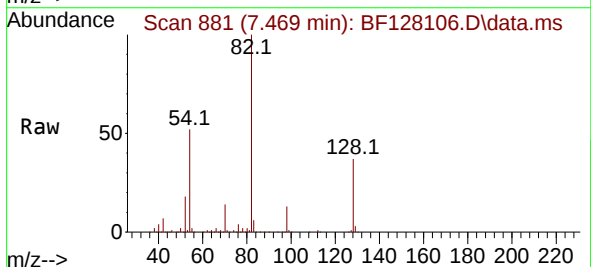
Instrument :
BNA_F
ClientSampleId :
TP-28

Tgt Ion:	136	Resp:	344812
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.7	6.8	10.2
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 72.147 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128106.D
Acq: 05 May 2022 20:50

Tgt Ion:	82	Resp:	529029
Ion	Ratio	Lower	Upper
82	100		
128	36.7	30.0	45.0
54	52.0	41.3	61.9

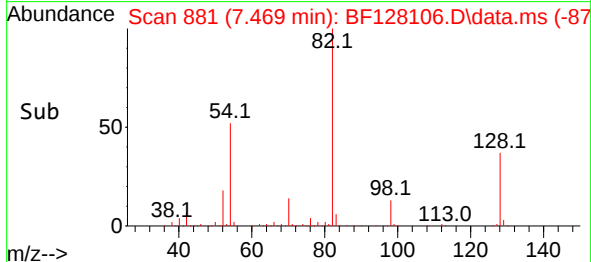
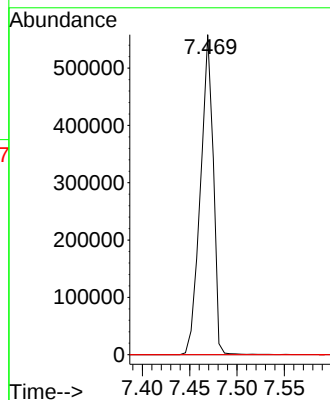
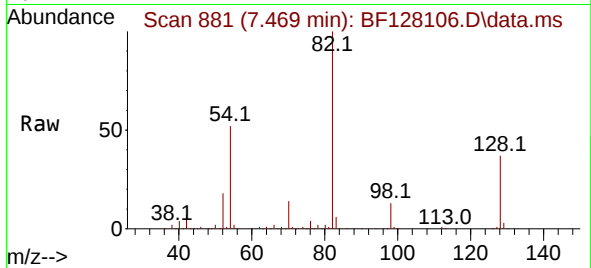




#25
Isophorone
Concen: 42.866 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128106.D
Acq: 05 May 2022 20:50

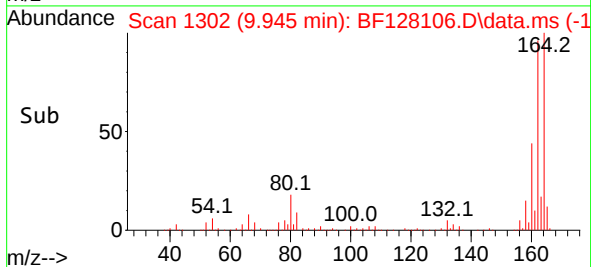
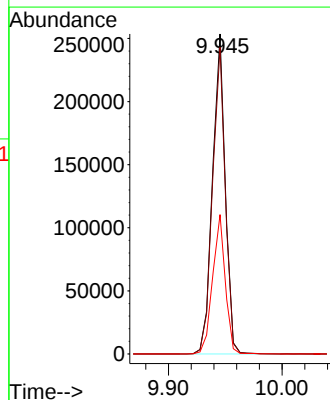
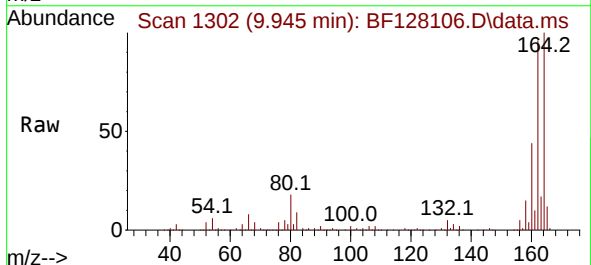
Instrument :
BNA_F
ClientSampleId :
TP-28

Tgt Ion: 82 Resp: 529025
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128106.D
Acq: 05 May 2022 20:50

Tgt Ion: 164 Resp: 197225
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 43.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 107.855 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128106.D

Acq: 05 May 2022 20:50

Instrument :

BNA_F

ClientSampleId :

TP-28

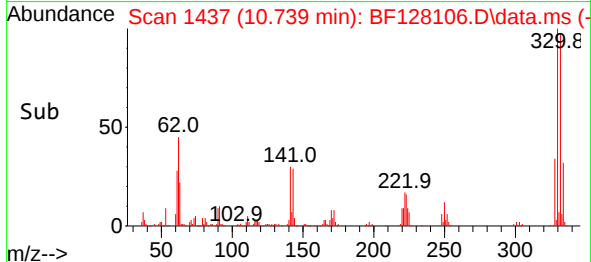
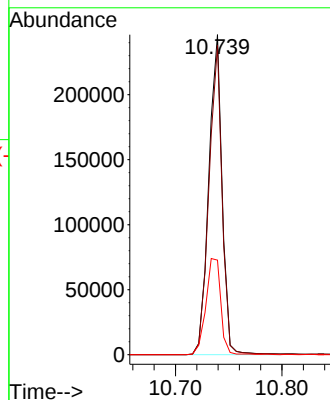
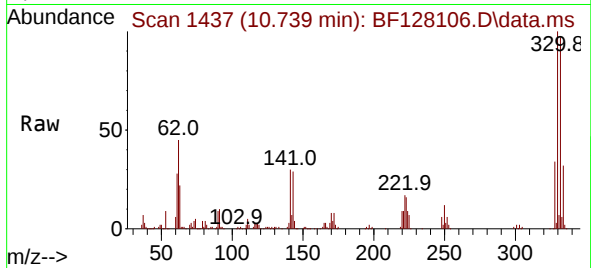
Tgt Ion:330 Resp: 214136

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 77.751 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128106.D

Acq: 05 May 2022 20:50

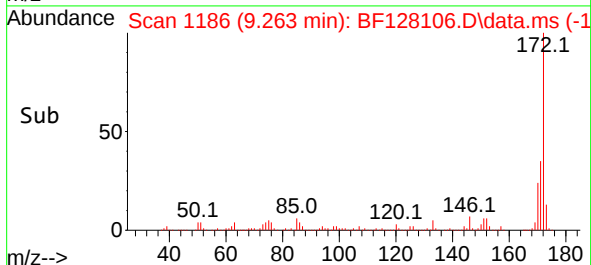
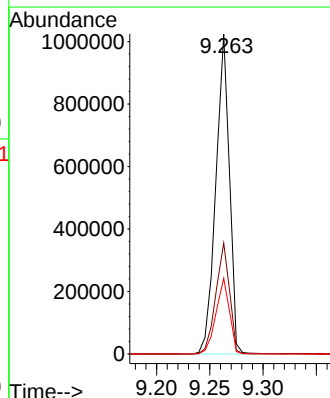
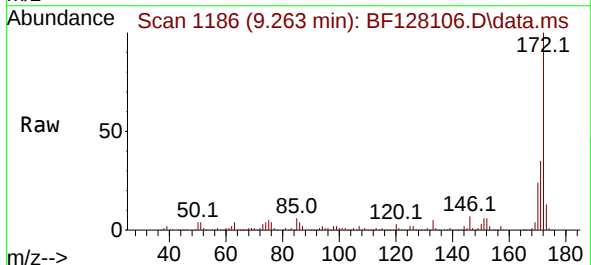
Tgt Ion:172 Resp: 906424

Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.6 19.1 28.7

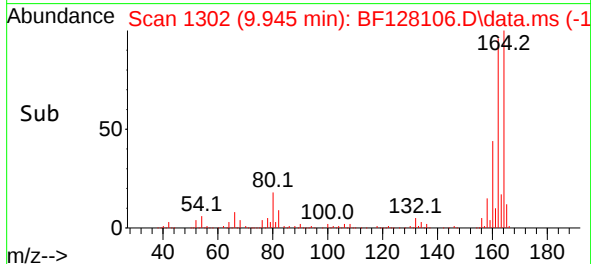
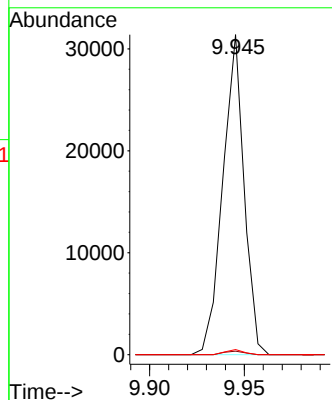
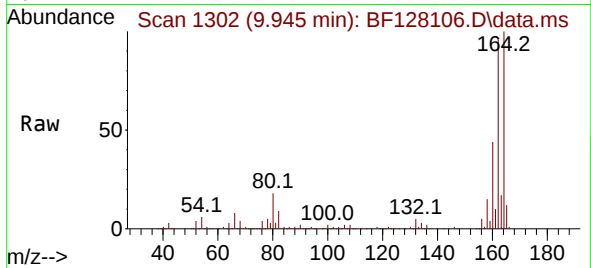




#51
2,6-Dinitrotoluene
Concen: 8.565 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128106.D
Acq: 05 May 2022 20:50

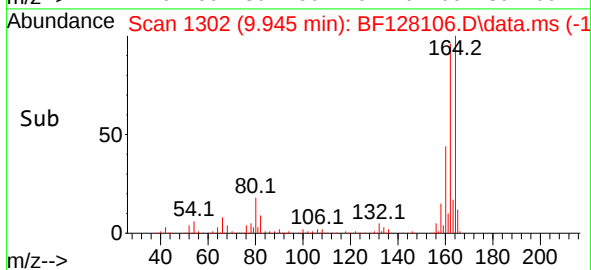
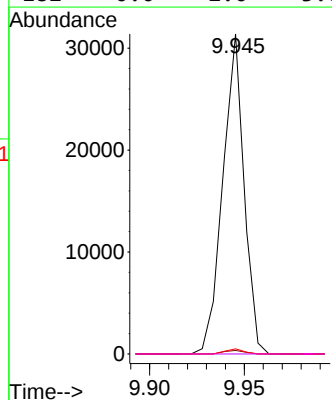
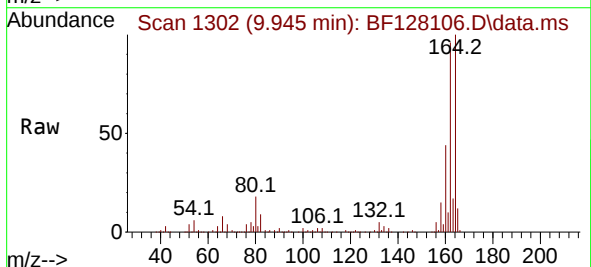
Instrument :
BNA_F
ClientSampleId :
TP-28

Tgt Ion:165 Resp: 24529
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.6 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.466 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128106.D
Acq: 05 May 2022 20:50

Tgt Ion:165 Resp: 24529
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#

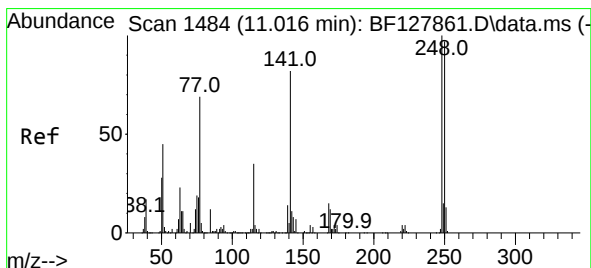
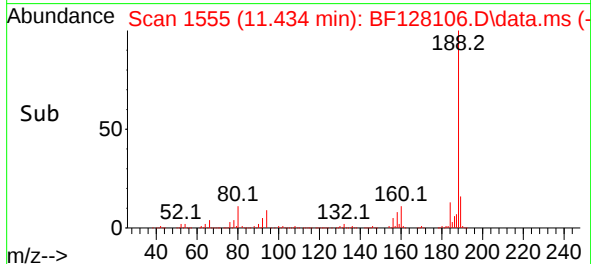
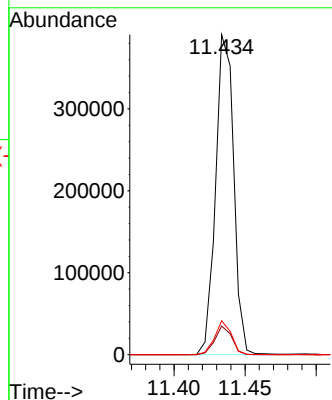
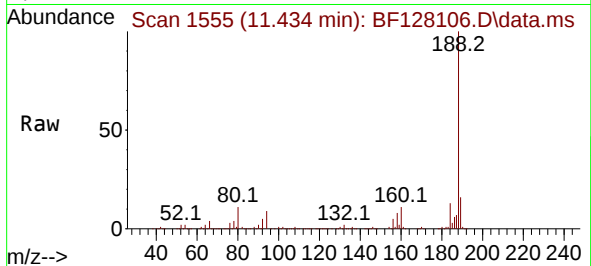




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.434 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128106.D
Acq: 05 May 2022 20:50

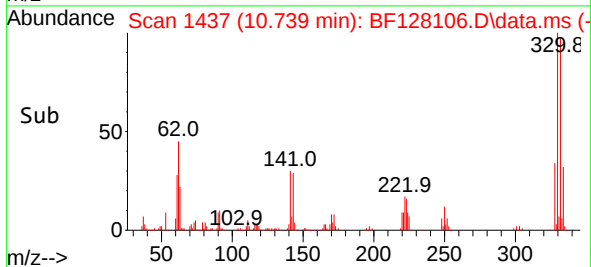
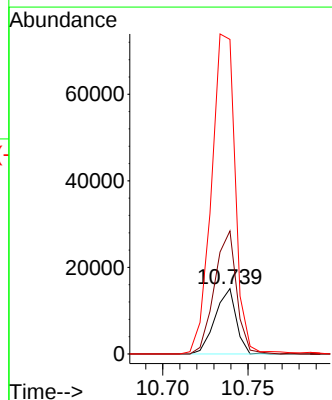
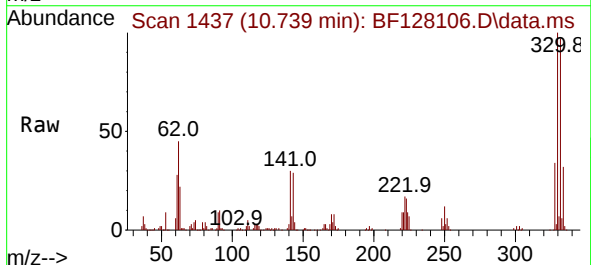
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ClientSampleId :
TP-28

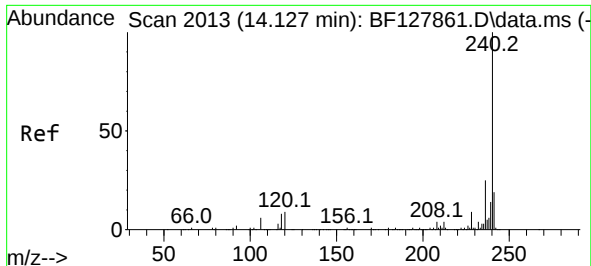
Tgt Ion:188 Resp: 345342
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.406 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128106.D
Acq: 05 May 2022 20:50

Tgt Ion:248 Resp: 13039
Ion Ratio Lower Upper
248 100
250 188.6 77.7 116.5#
141 481.8 65.6 98.4#

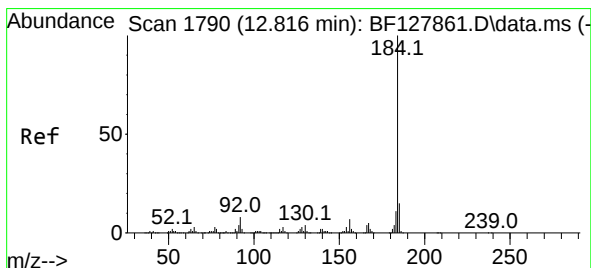
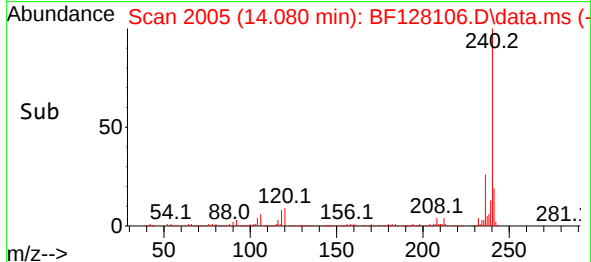
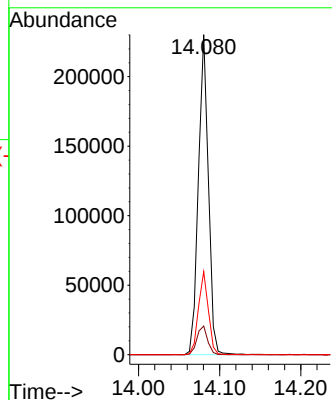
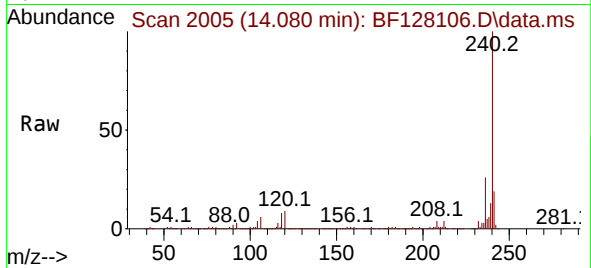




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128106.D
Acq: 05 May 2022 20:50

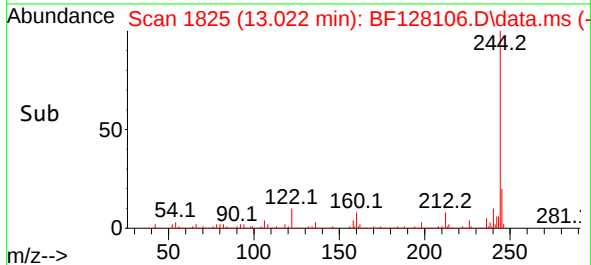
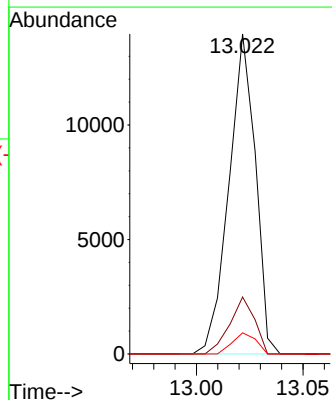
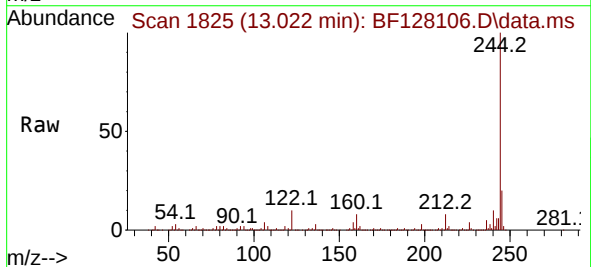
Instrument :
BNA_F
ClientSampleId :
TP-28

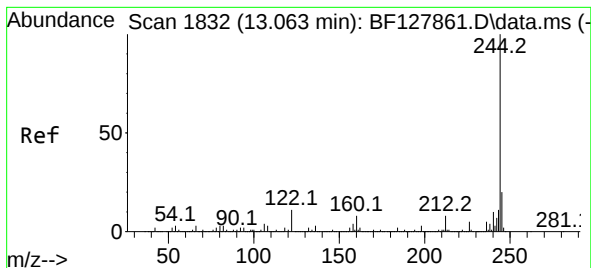
Tgt Ion:240 Resp: 197996
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 26.0 20.3 30.5



#77
Benzidine
Concen: 3.228 ng
RT: 13.022 min Scan# 1825
Delta R.T. 0.241 min
Lab File: BF128106.D
Acq: 05 May 2022 20:50

Tgt Ion:184 Resp: 12094
Ion Ratio Lower Upper
184 100
185 17.8 12.1 18.1
183 6.6 9.0 13.4#





#79

Terphenyl-d14

Concen: 77.927 ng

RT: 13.022 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF128106.D

Acq: 05 May 2022 20:50

Instrument :

BNA_F

ClientSampleId :

TP-28

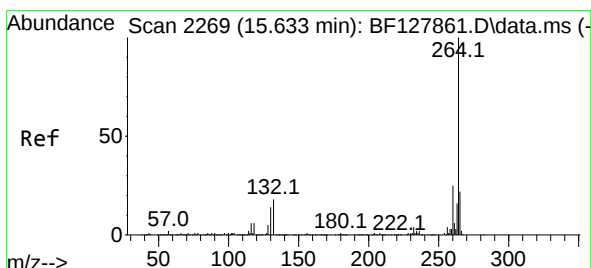
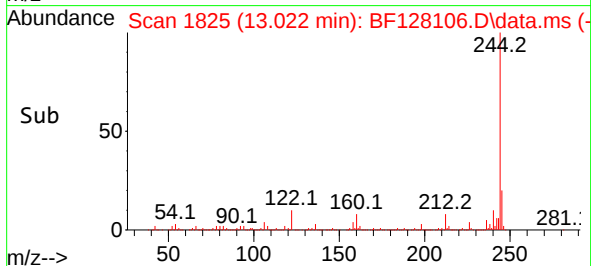
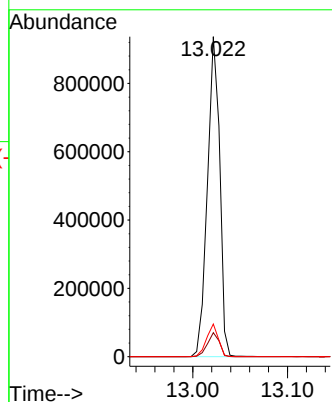
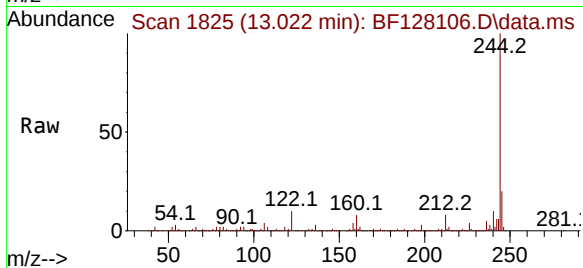
Tgt Ion:244 Resp: 843790

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 10.2 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2260

Delta R.T. -0.012 min

Lab File: BF128106.D

Acq: 05 May 2022 20:50

Tgt Ion:264 Resp: 195723

Ion Ratio Lower Upper

264 100

260 23.2 20.1 30.1

265 20.9 17.5 26.3

