

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128474.D
 Acq On : 25 May 2022 22:15
 Operator : CG\JU
 Sample : N2896-17RE 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-0006-01

Quant Time: May 26 01:02:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 12:38:46 2022
 Response via : Initial Calibration

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

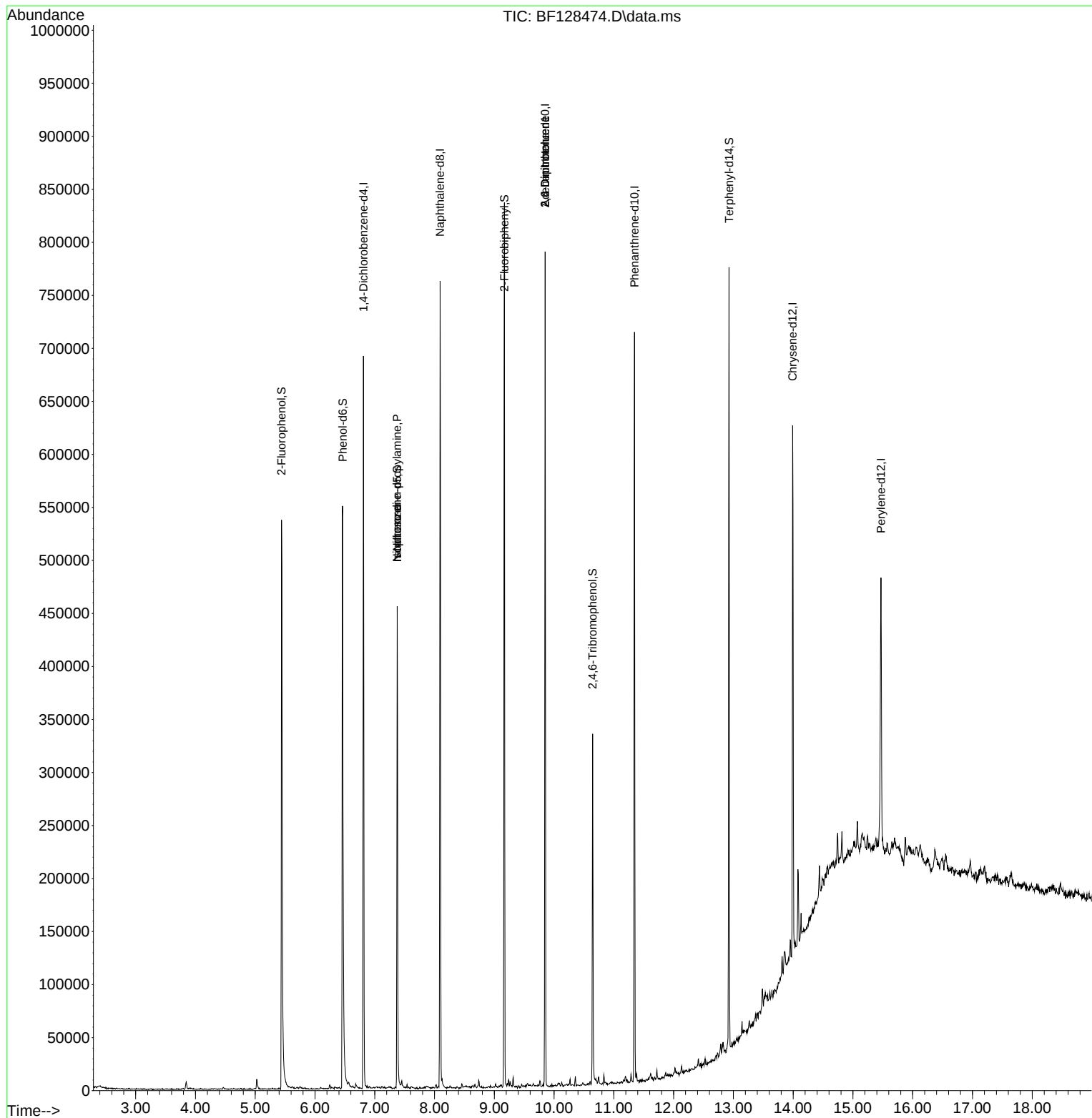
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	89689	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	310134	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	144742	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	245902	20.000	ng	0.00
76) Chrysene-d12	13.992	240	167588	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	122070	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	178791	31.723	ng	0.00
7) Phenol-d6	6.463	99	222513	29.983	ng	0.00
23) Nitrobenzene-d5	7.375	82	141022	20.373	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	37122	24.869	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	236867	26.762	ng	0.00
79) Terphenyl-d14	12.927	244	229585	26.446	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	474	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.375	70	18044	4.065 ng	#	80
25) Isophorone	7.375	82	141021	13.294 ng	#	68
51) 2,6-Dinitrotoluene	9.851	165	18818	9.332 ng	#	22
57) 2,4-Dinitrotoluene	9.851	165	18818	7.407 ng	#	26

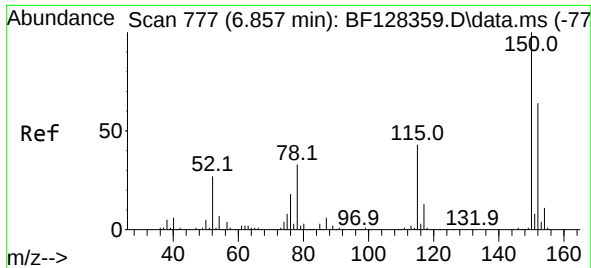
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
Data File : BF128474.D
Acq On : 25 May 2022 22:15
Operator : CG\JU
Sample : N2896-17RE 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P040-SS001-0006-01

Quant Time: May 26 01:02:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 12:38:46 2022
Response via : Initial Calibration

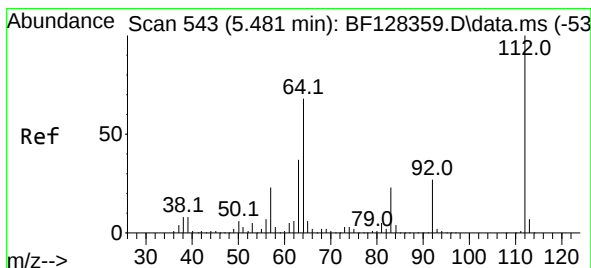
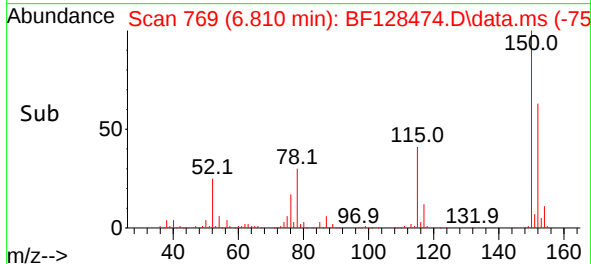
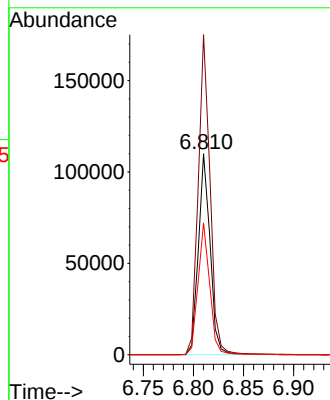
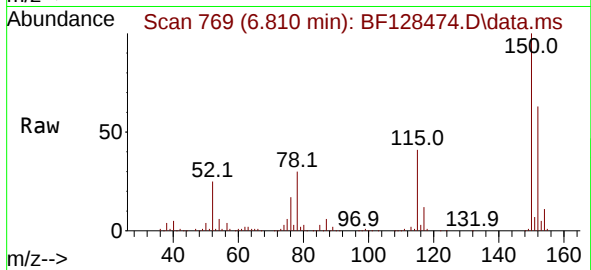




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128474.D
Acq: 25 May 2022 22:15

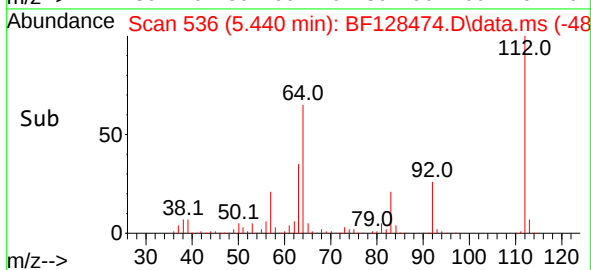
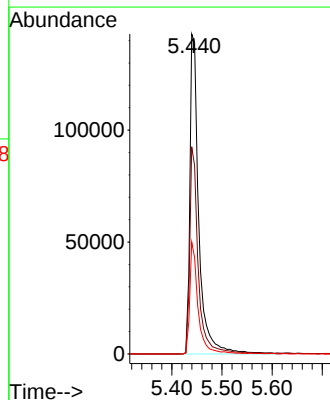
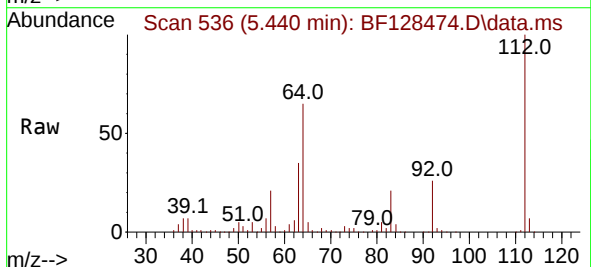
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0006-01

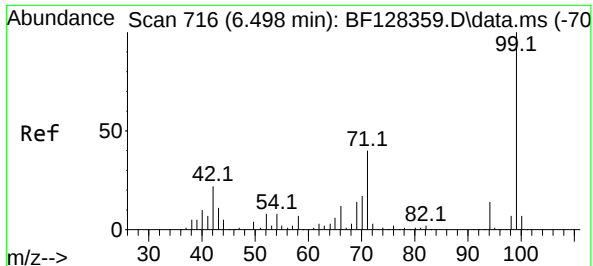
Tgt Ion:152 Resp: 89689
Ion Ratio Lower Upper
152 100
150 159.2 125.3 187.9
115 65.6 48.8 73.2



#5
2-Fluorophenol
Concen: 31.723 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.006 min
Lab File: BF128474.D
Acq: 25 May 2022 22:15

Tgt Ion:112 Resp: 178791
Ion Ratio Lower Upper
112 100
64 64.8 49.5 74.3
63 34.9 26.3 39.5

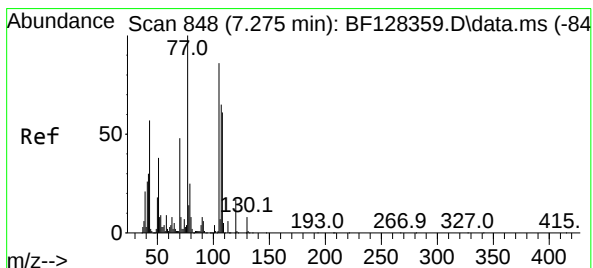
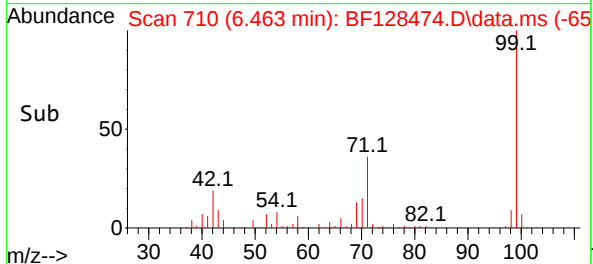
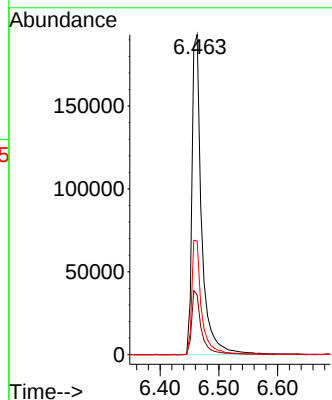
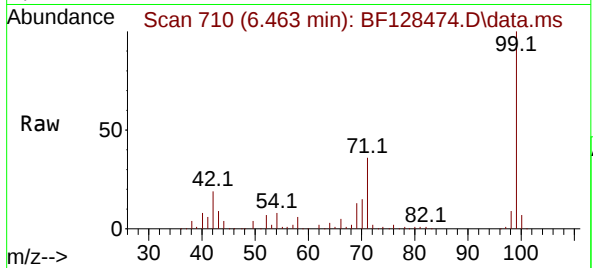




#7
Phenol-d6
Concen: 29.983 ng
RT: 6.463 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128474.D
Acq: 25 May 2022 22:15

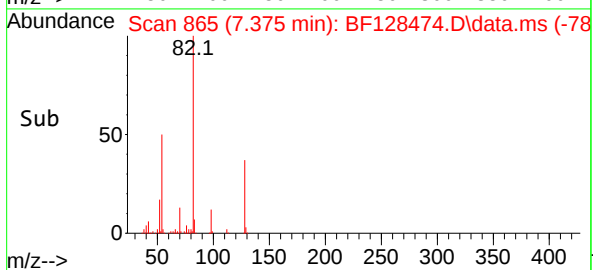
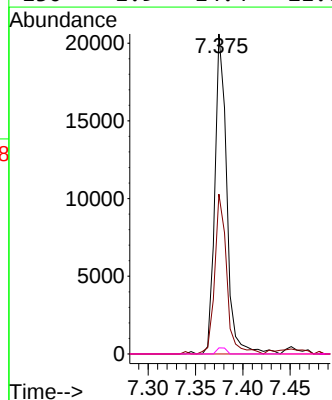
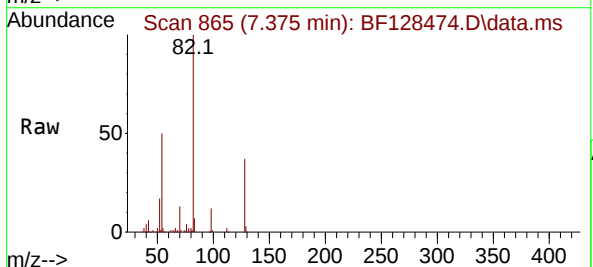
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0006-01

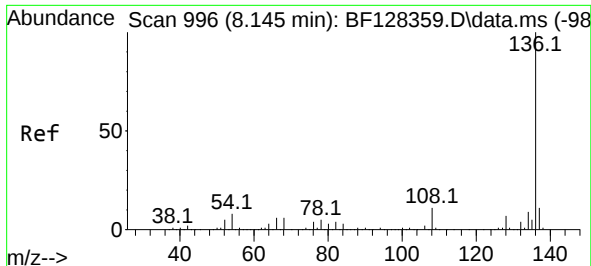
Tgt Ion: 99 Resp: 222513
Ion Ratio Lower Upper
99 100
42 18.7 16.6 24.8
71 35.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 4.065 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128474.D
Acq: 25 May 2022 22:15

Tgt Ion: 70 Resp: 18044
Ion Ratio Lower Upper
70 100
42 50.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

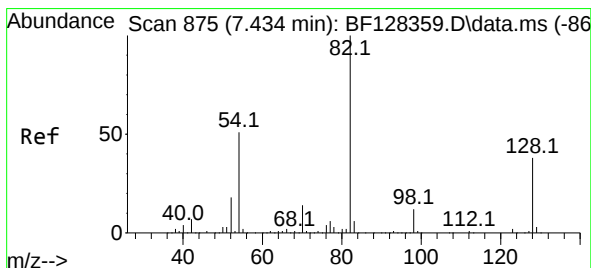
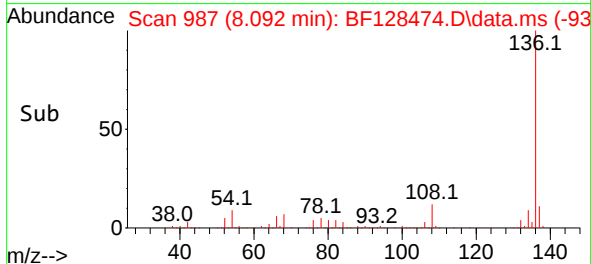
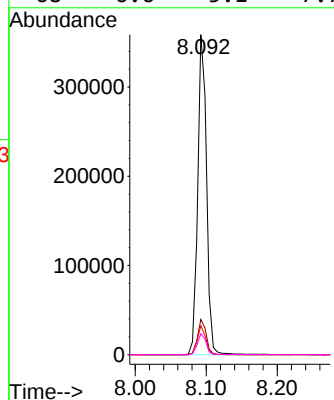
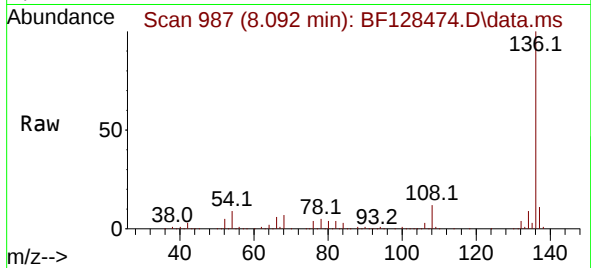




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128474.D
Acq: 25 May 2022 22:15

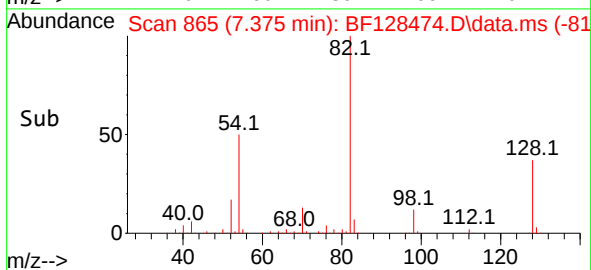
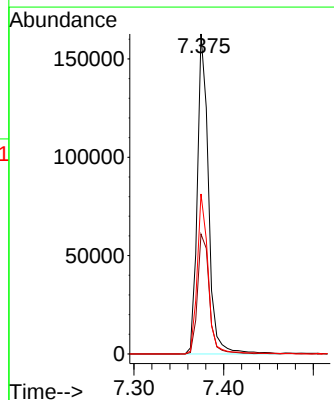
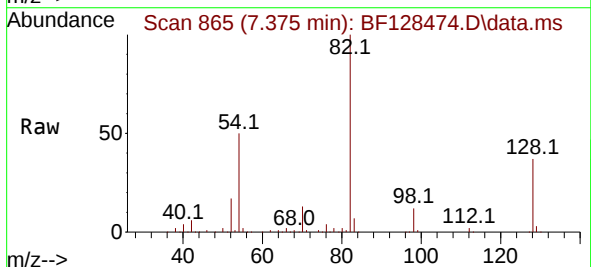
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0006-01

Tgt Ion:	136	Resp:	310134
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.1	6.8	10.2
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 20.373 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128474.D
Acq: 25 May 2022 22:15

Tgt Ion:	82	Resp:	141022
Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.0	45.0
54	50.0	41.3	61.9

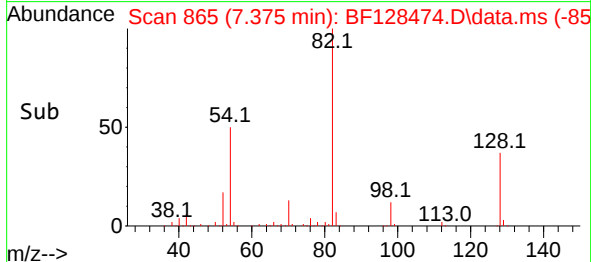
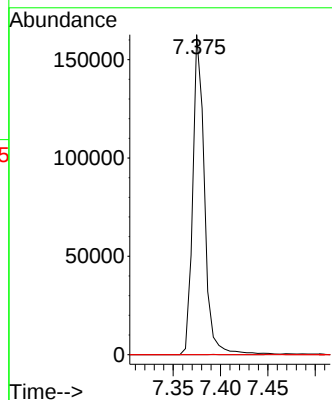
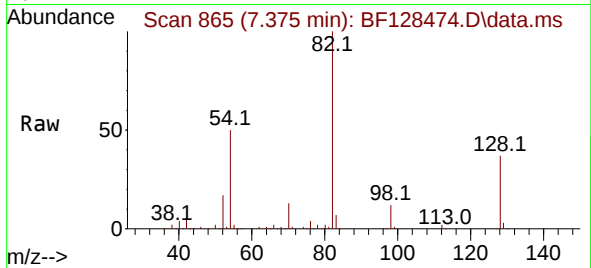




#25
Isophorone
Concen: 13.294 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128474.D
Acq: 25 May 2022 22:15

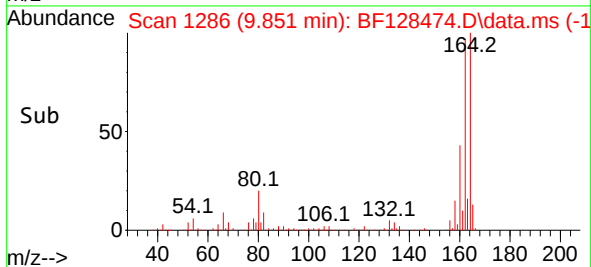
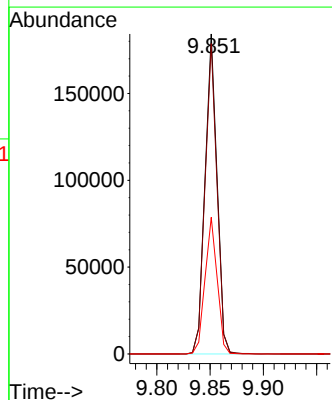
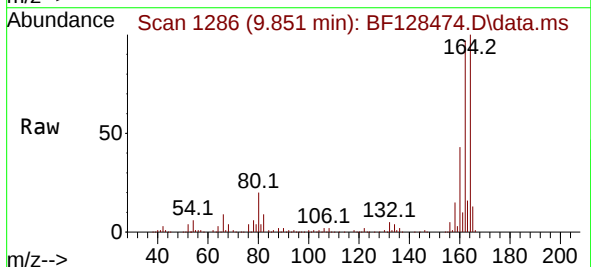
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0006-01

Tgt Ion: 82 Resp: 141021
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: 9.851 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF128474.D
Acq: 25 May 2022 22:15

Tgt Ion:164 Resp: 144742
Ion Ratio Lower Upper
164 100
162 97.0 76.0 114.0
160 42.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 24.869 ng

RT: 10.645 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF128474.D

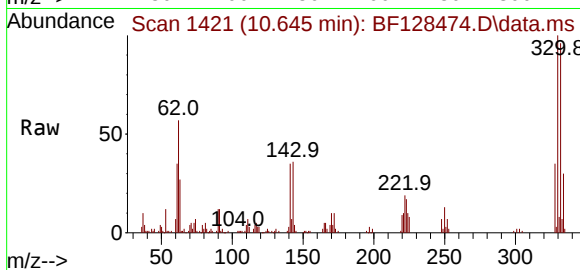
Acq: 25 May 2022 22:15

Instrument :

BNA_F

ClientSampleId :

P040-SS001-0006-01



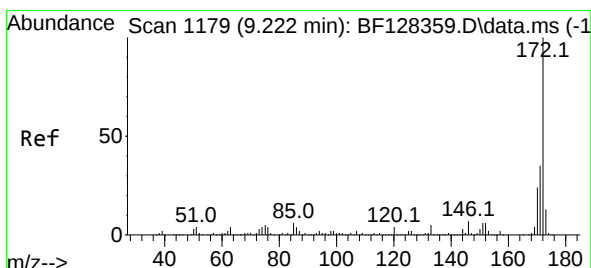
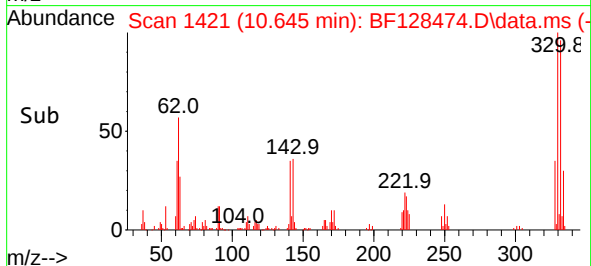
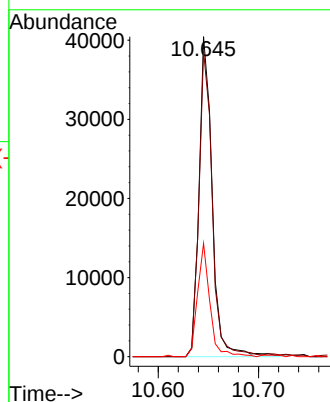
Tgt Ion:330 Resp: 37122

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 32.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 26.762 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF128474.D

Acq: 25 May 2022 22:15

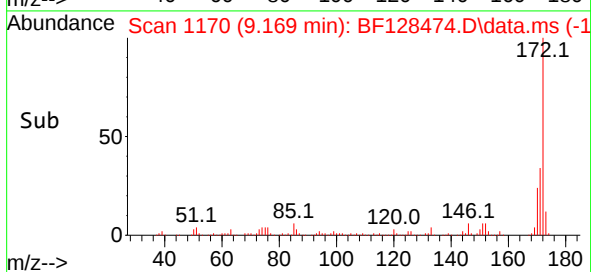
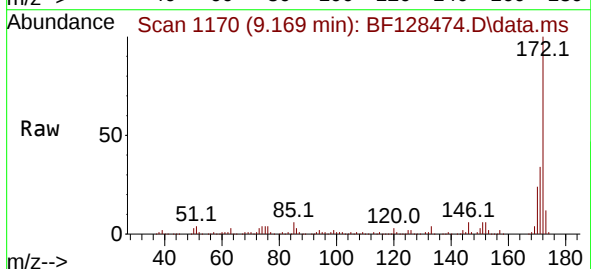
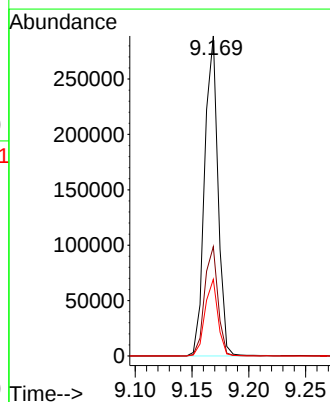
Tgt Ion:172 Resp: 236867

Ion Ratio Lower Upper

172 100

171 34.2 28.6 42.8

170 24.0 19.1 28.7

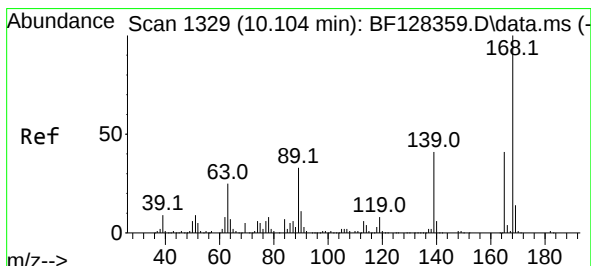
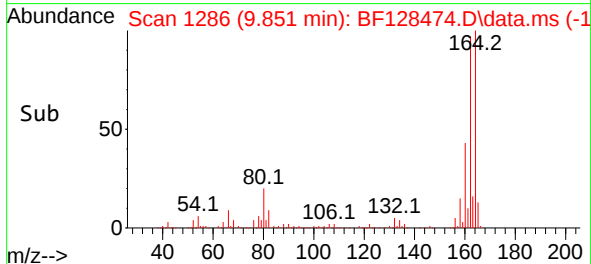
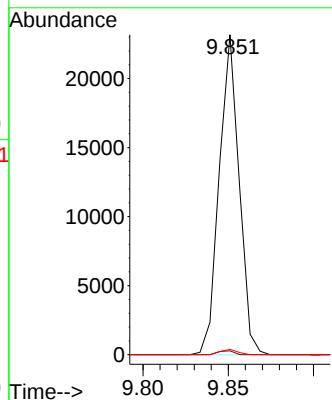
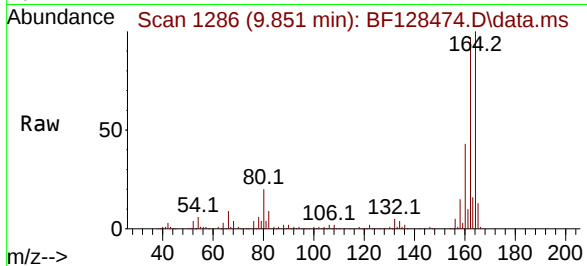




#51
2,6-Dinitrotoluene
Concen: 9.332 ng
RT: 9.851 min Scan# 1286
Delta R.T. 0.206 min
Lab File: BF128474.D
Acq: 25 May 2022 22:15

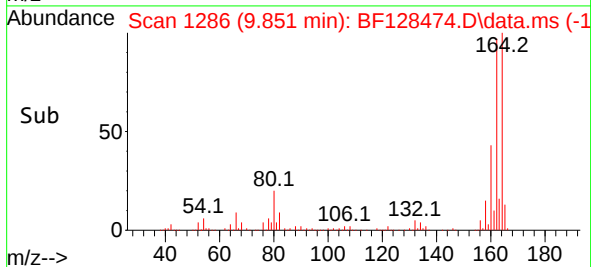
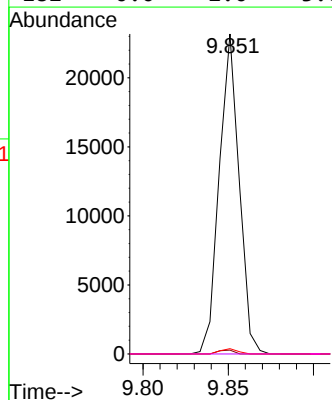
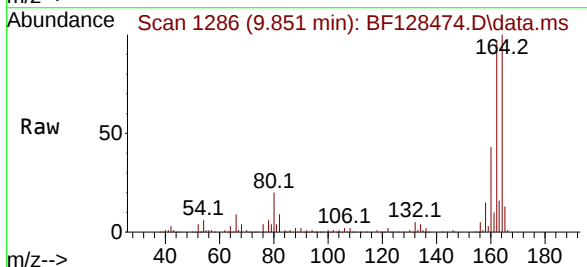
Instrument :
BNA_F
ClientSampleId :
P040-SS001-0006-01

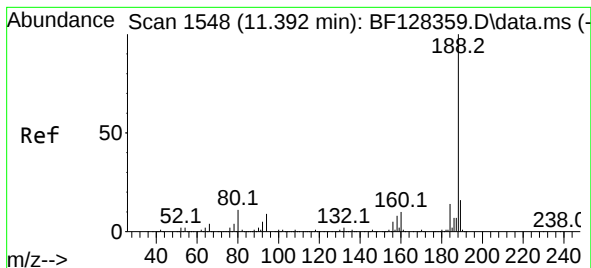
Tgt Ion:165 Resp: 18818
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.6 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.407 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.200 min
Lab File: BF128474.D
Acq: 25 May 2022 22:15

Tgt Ion:165 Resp: 18818
Ion Ratio Lower Upper
165 100
63 1.2 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: 11.345 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF128474.D

Acq: 25 May 2022 22:15

Instrument :

BNA_F

ClientSampleId :

P040-SS001-0006-01

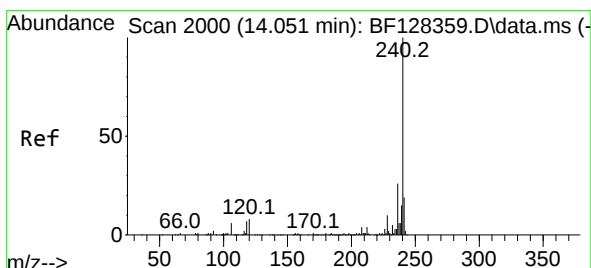
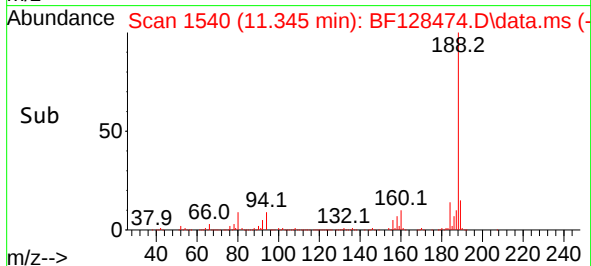
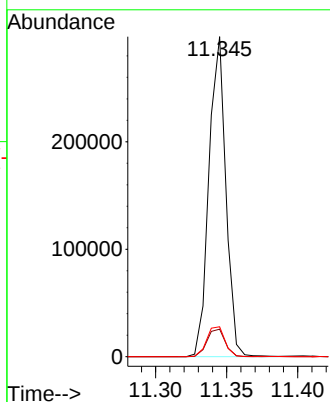
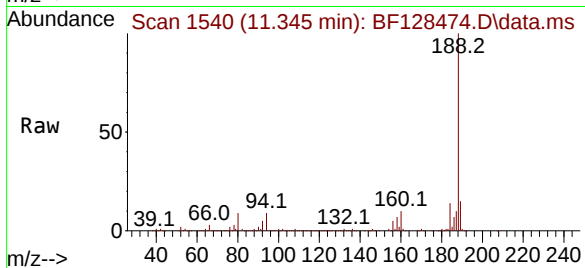
Tgt Ion:188 Resp: 245902

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

80 9.3 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 1990

Delta R.T. -0.000 min

Lab File: BF128474.D

Acq: 25 May 2022 22:15

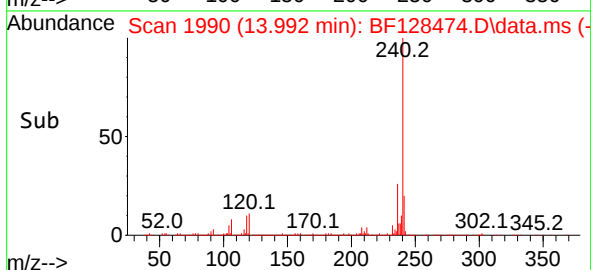
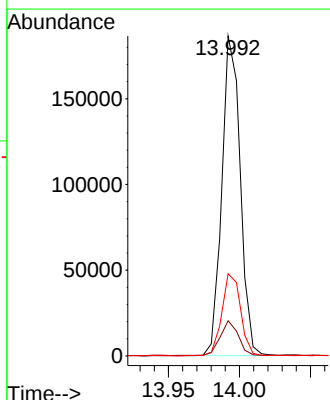
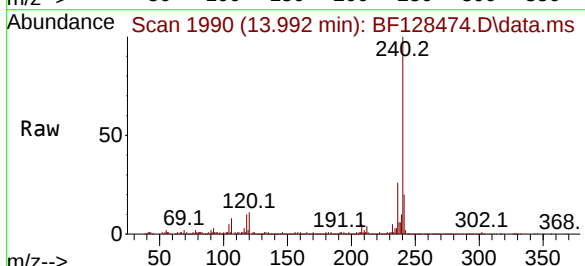
Tgt Ion:240 Resp: 167588

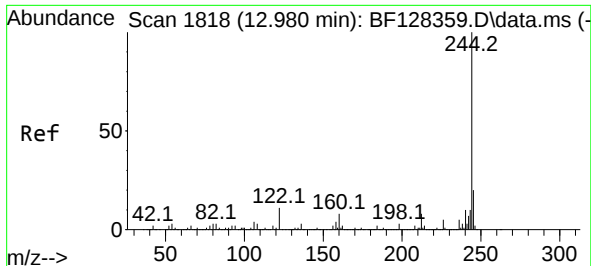
Ion Ratio Lower Upper

240 100

120 11.0 7.0 10.6#

236 25.7 20.3 30.5

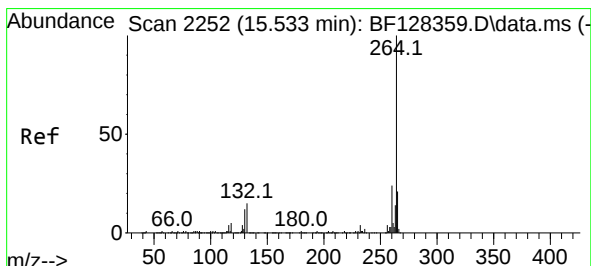
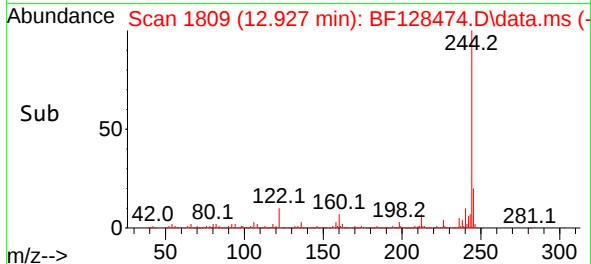
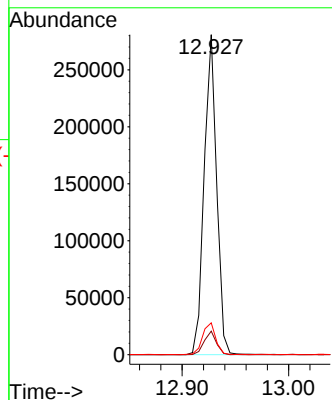
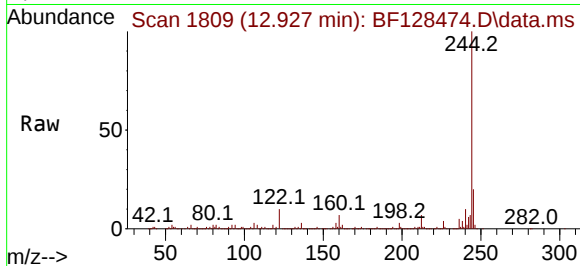




#79
 Terphenyl-d14
 Concen: 26.446 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: BF128474.D
 Acq: 25 May 2022 22:15

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-0006-01

Tgt Ion:244 Resp: 229585
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 9.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. 0.012 min
 Lab File: BF128474.D
 Acq: 25 May 2022 22:15

Tgt Ion:264 Resp: 122070
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 20.3 17.5 26.3

