

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128467.D
 Acq On : 25 May 2022 18:51
 Operator : CG\JU
 Sample : N2897-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P041-SS001-0006-01

Quant Time: May 26 01:01:38 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)

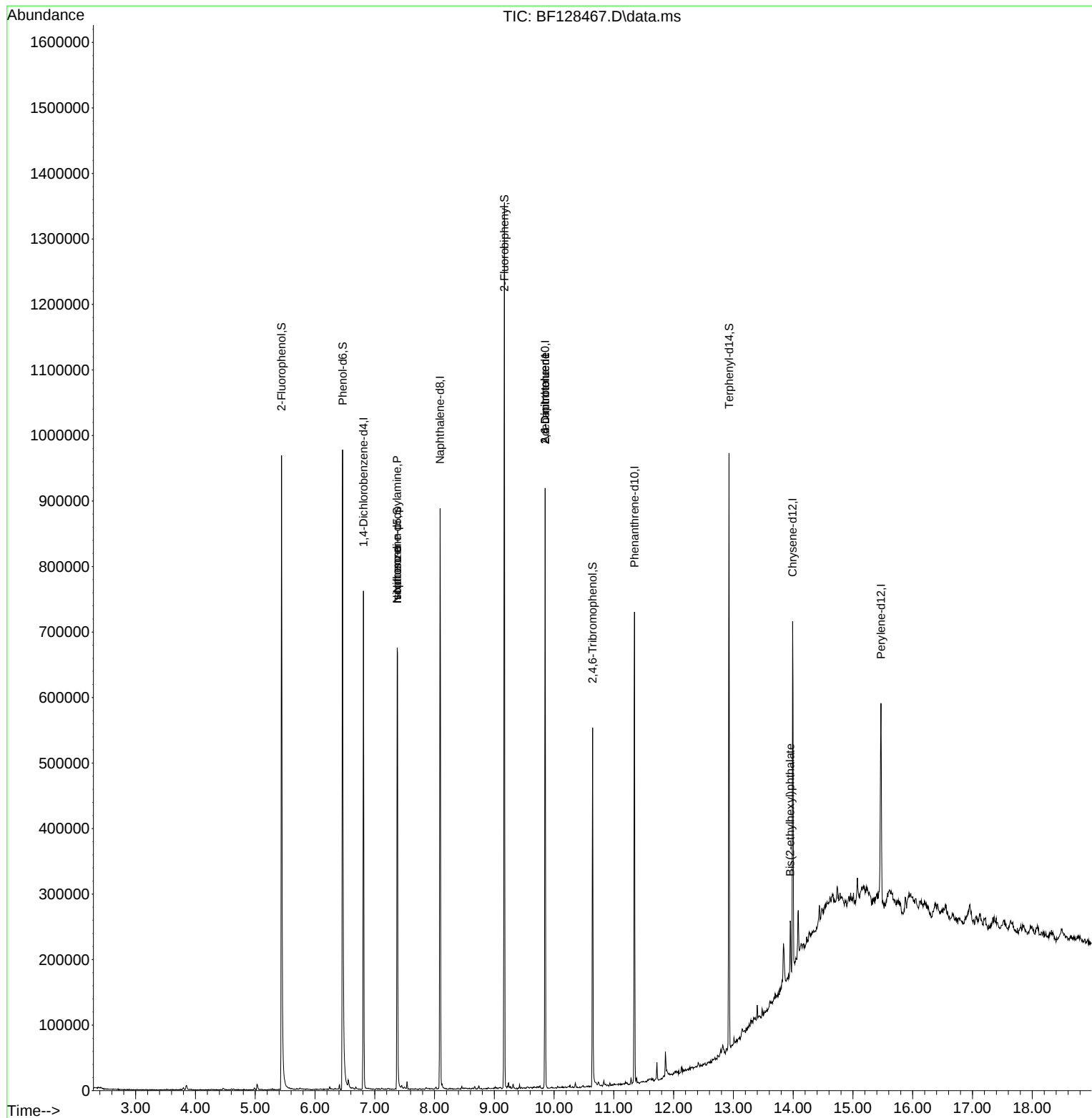
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	99079	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	353969	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	169505	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	249784	20.000	ng	0.00
76) Chrysene-d12	13.992	240	181138	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	139132	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	282559	45.384	ng	0.00
7) Phenol-d6	6.463	99	353184	43.080	ng	0.00
23) Nitrobenzene-d5	7.375	82	226235	28.637	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	60044	34.348	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	372858	35.972	ng	0.00
79) Terphenyl-d14	12.927	244	286664	30.550	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	58	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.375	70	29677	6.053	ng	# 80
25) Isophorone	7.375	82	226233	18.686	ng	# 68
51) 2,6-Dinitrotoluene	9.851	165	21020	8.901	ng	# 22
57) 2,4-Dinitrotoluene	9.851	165	21020	7.065	ng	# 26
84) Bis(2-ethylhexyl)phtha...	13.951	149	24573	3.417	ng	95

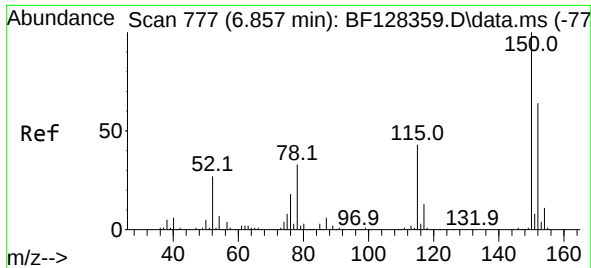
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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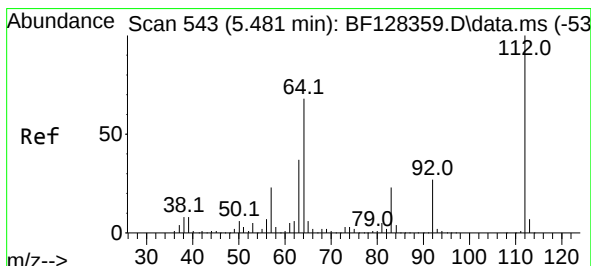
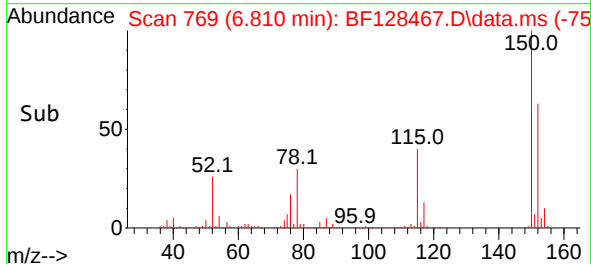
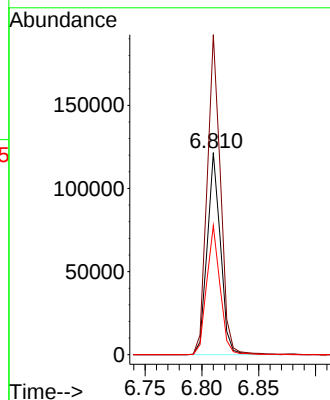
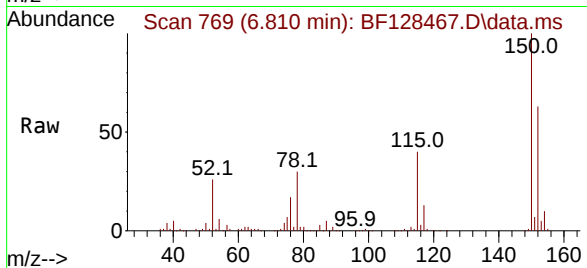




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128467.D
Acq: 25 May 2022 18:51

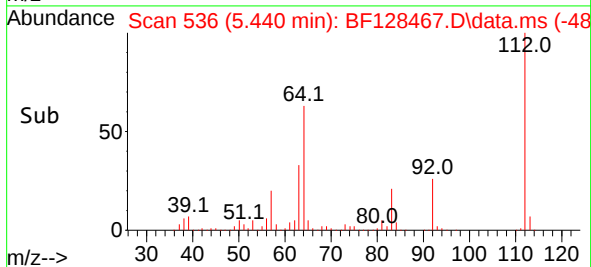
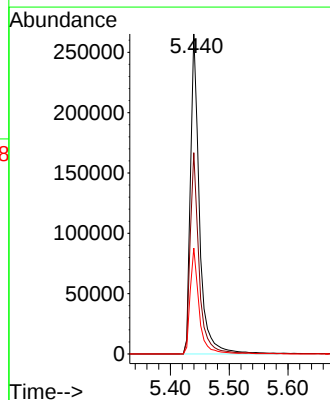
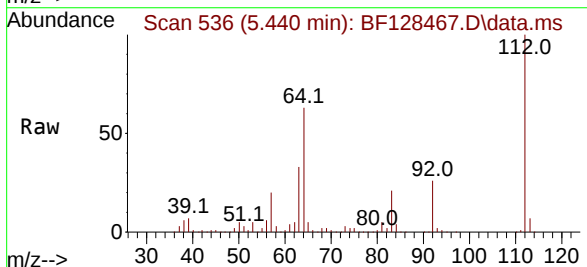
Instrument :
BNA_F
ClientSampleId :
P041-SS001-0006-01

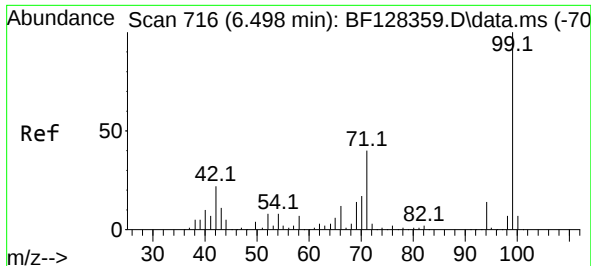
Tgt Ion:152 Resp: 99079
Ion Ratio Lower Upper
152 100
150 158.3 125.3 187.9
115 63.9 48.8 73.2



#5
2-Fluorophenol
Concen: 45.384 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.006 min
Lab File: BF128467.D
Acq: 25 May 2022 18:51

Tgt Ion:112 Resp: 282559
Ion Ratio Lower Upper
112 100
64 62.9 49.5 74.3
63 33.1 26.3 39.5

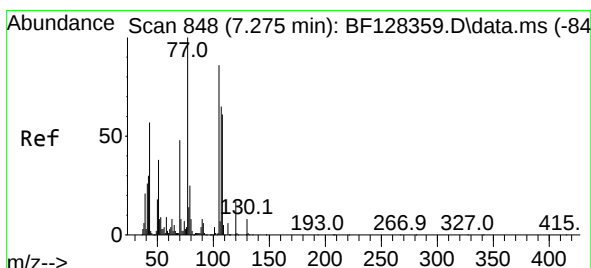
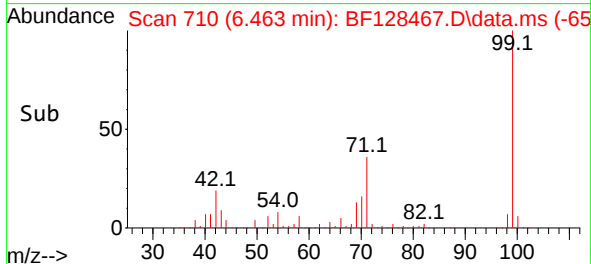
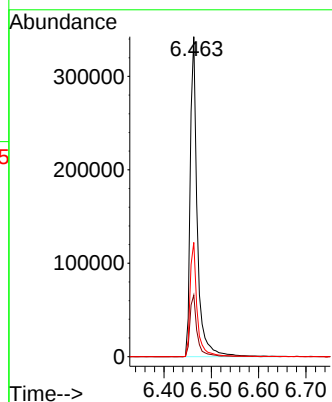
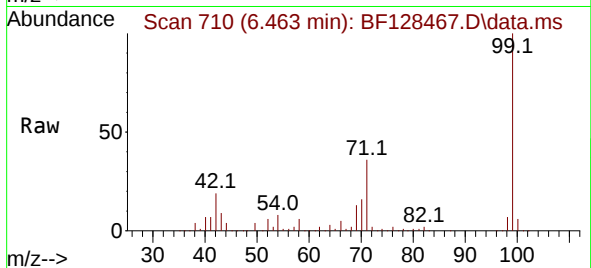




#7
Phenol-d6
Concen: 43.080 ng
RT: 6.463 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128467.D
Acq: 25 May 2022 18:51

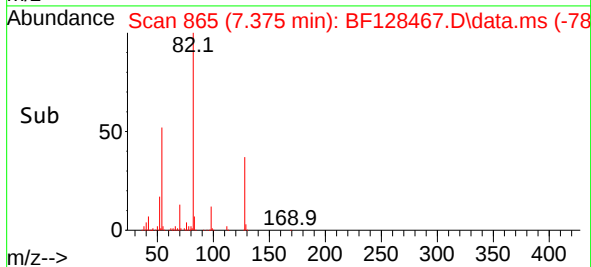
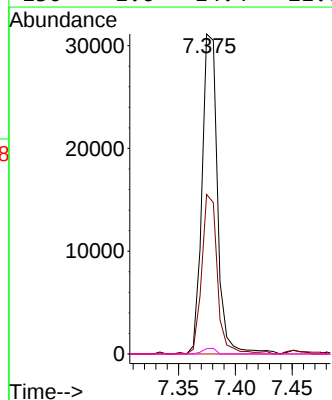
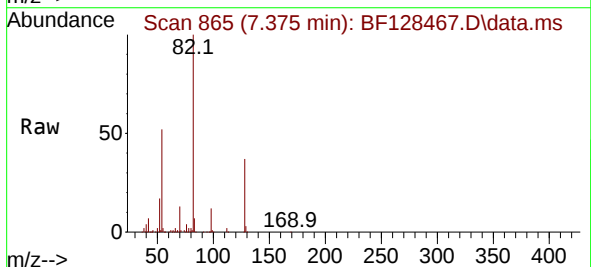
Instrument :
BNA_F
ClientSampleId :
P041-SS001-0006-01

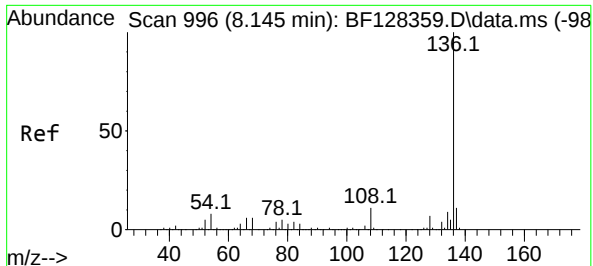
Tgt Ion: 99 Resp: 353184
Ion Ratio Lower Upper
99 100
42 19.3 16.6 24.8
71 35.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 6.053 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128467.D
Acq: 25 May 2022 18:51

Tgt Ion: 70 Resp: 29677
Ion Ratio Lower Upper
70 100
42 49.9 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 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: BF128467.D

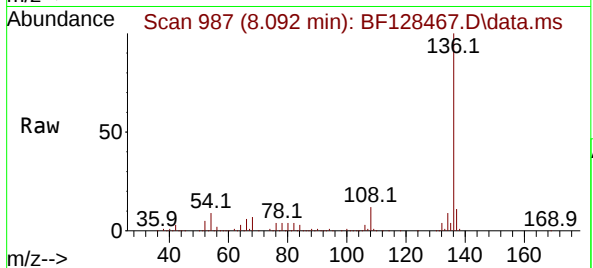
Acq: 25 May 2022 18:51

Instrument :

BNA_F

ClientSampleId :

P041-SS001-0006-01



Tgt Ion:136 Resp: 353969

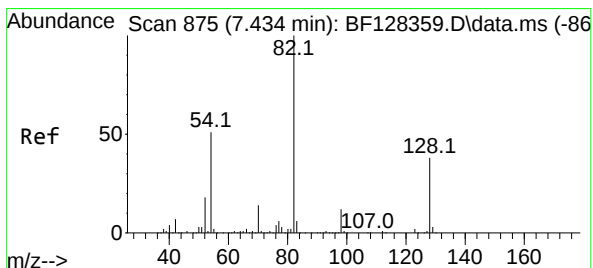
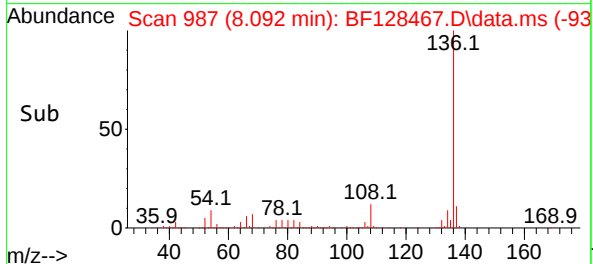
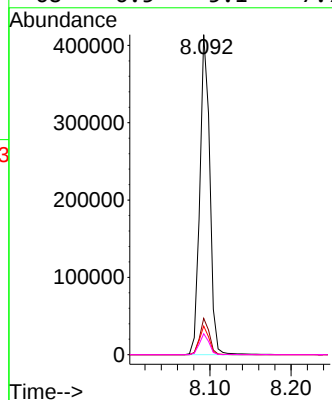
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 8.9 6.8 10.2

68 6.5 5.1 7.7



#23

Nitrobenzene-d5

Concen: 28.637 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF128467.D

Acq: 25 May 2022 18:51

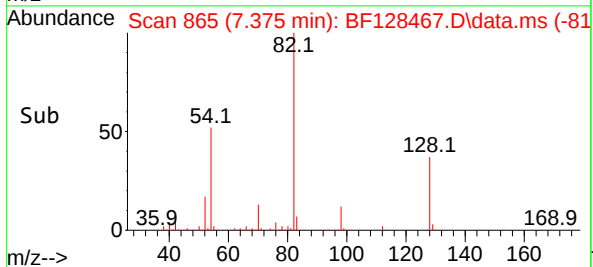
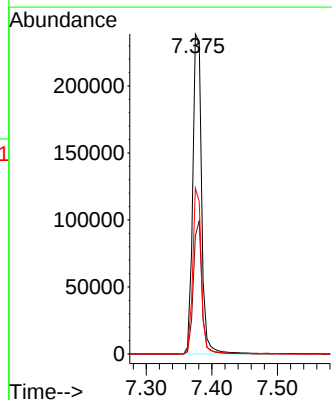
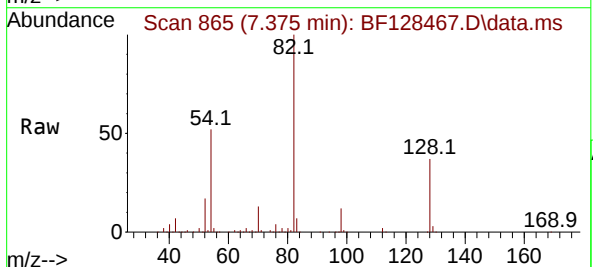
Tgt Ion: 82 Resp: 226235

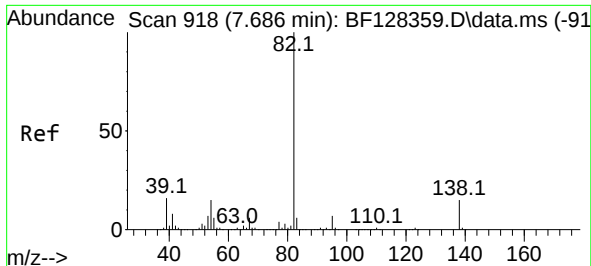
Ion Ratio Lower Upper

82 100

128 37.0 30.0 45.0

54 51.9 41.3 61.9

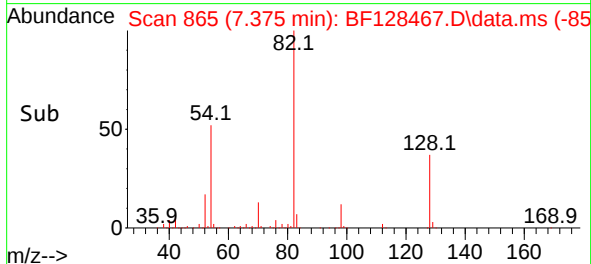
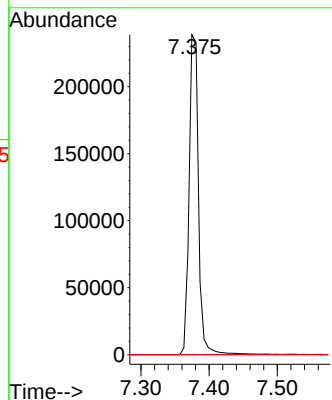
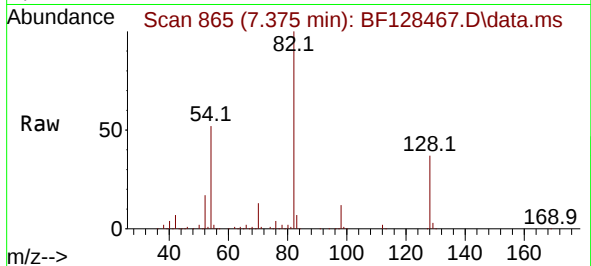




#25
Isophorone
Concen: 18.686 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128467.D
Acq: 25 May 2022 18:51

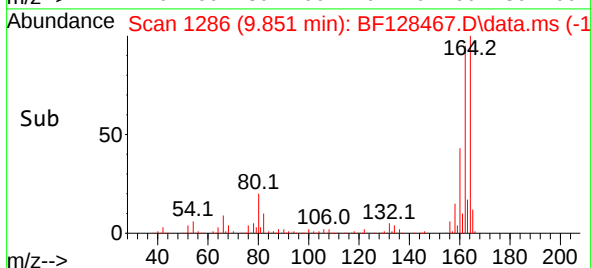
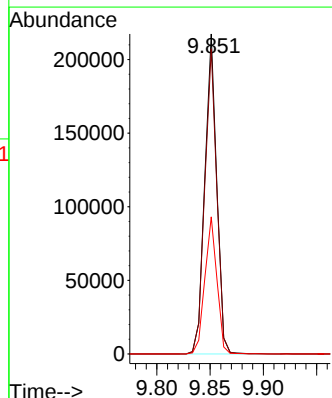
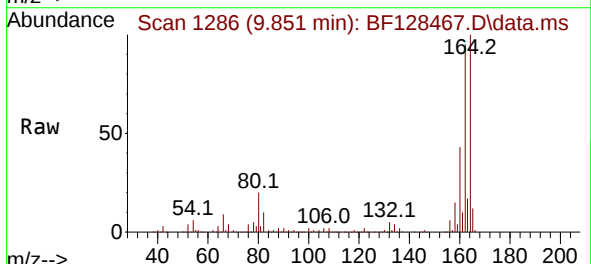
Instrument :
BNA_F
ClientSampleId :
P041-SS001-0006-01

Tgt Ion: 82 Resp: 226233
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: BF128467.D
Acq: 25 May 2022 18:51

Tgt Ion: 164 Resp: 169505
Ion Ratio Lower Upper
164 100
162 95.3 76.0 114.0
160 42.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 34.348 ng

RT: 10.645 min Scan# 1430

Delta R.T. -0.000 min

Lab File: BF128467.D

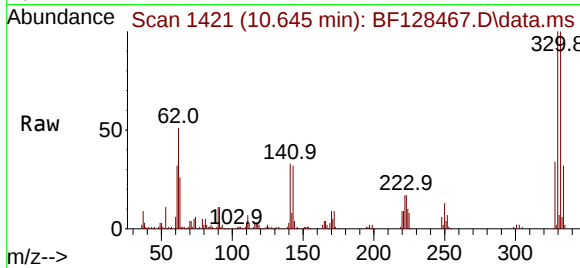
Acq: 25 May 2022 18:51

Instrument :

BNA_F

ClientSampleId :

P041-SS001-0006-01



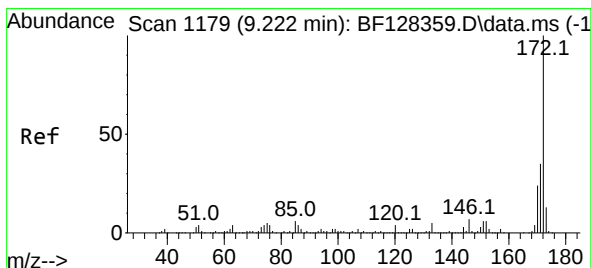
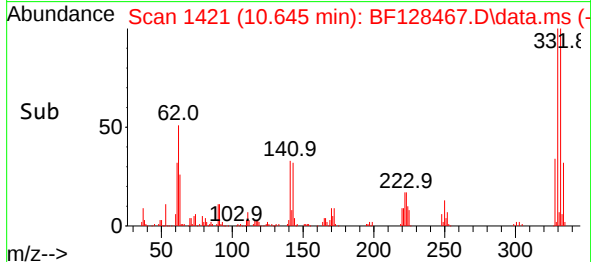
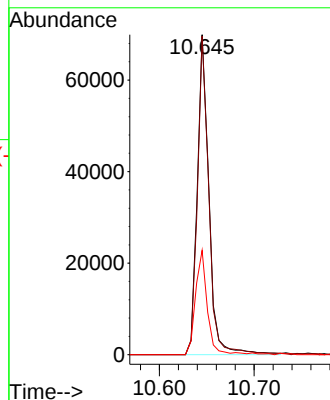
Tgt Ion:330 Resp: 60044

Ion Ratio Lower Upper

330 100

332 97.6 79.0 118.4

141 33.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 35.972 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF128467.D

Acq: 25 May 2022 18:51

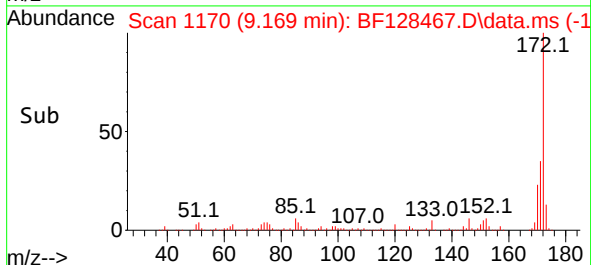
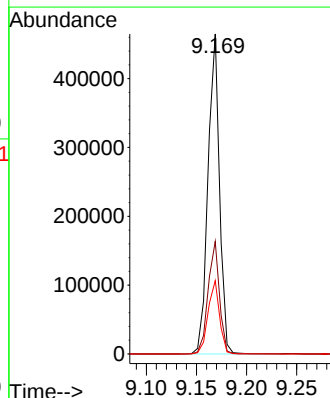
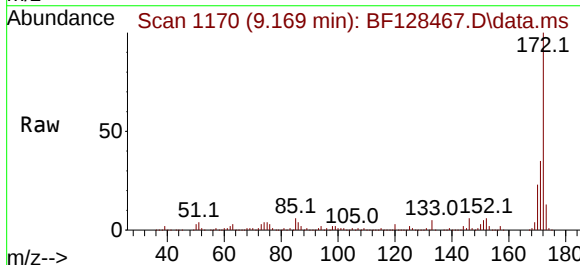
Tgt Ion:172 Resp: 372858

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 22.9 19.1 28.7

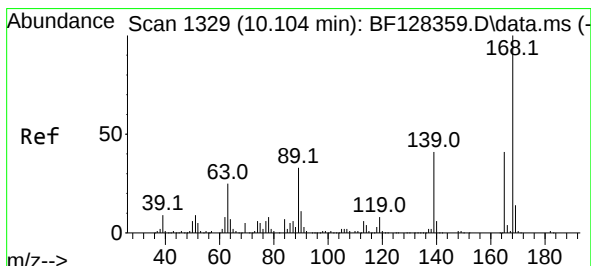
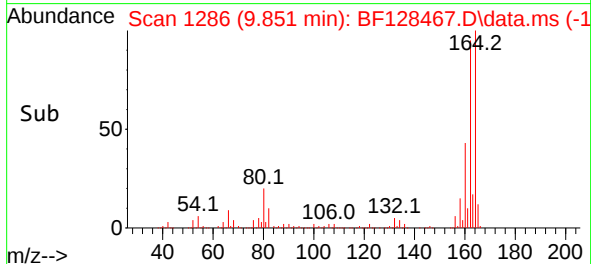
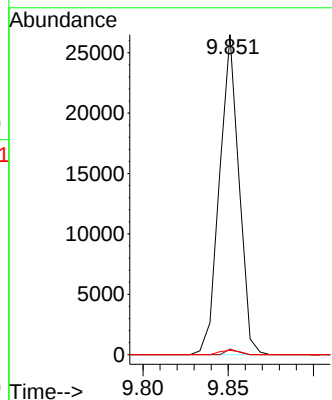
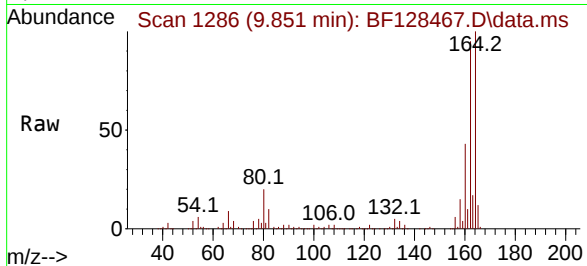




#51
2,6-Dinitrotoluene
Concen: 8.901 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128467.D
Acq: 25 May 2022 18:51

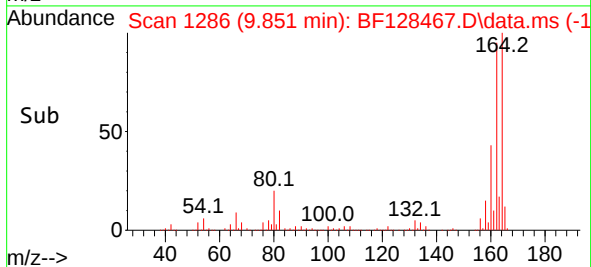
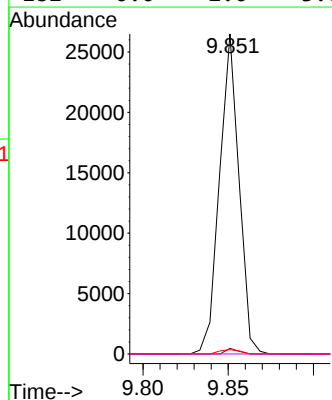
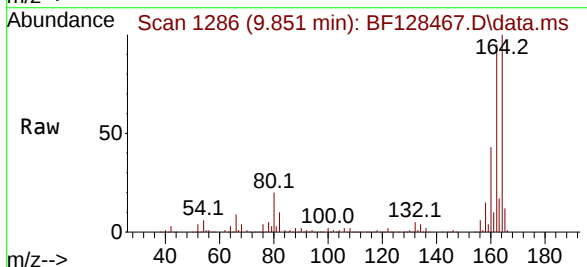
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P041-SS001-0006-01

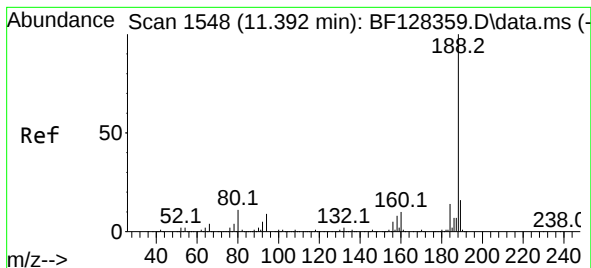
Tgt Ion:165 Resp: 21020
Ion Ratio Lower Upper
165 100
63 1.7 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.065 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.200 min
Lab File: BF128467.D
Acq: 25 May 2022 18:51

Tgt Ion:165 Resp: 21020
Ion Ratio Lower Upper
165 100
63 1.7 32.6 49.0#
89 1.4 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: BF128467.D

Acq: 25 May 2022 18:51

Instrument :

BNA_F

ClientSampleId :

P041-SS001-0006-01

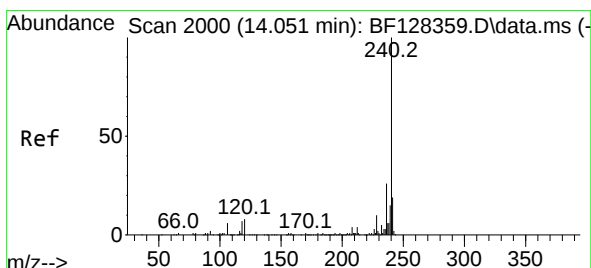
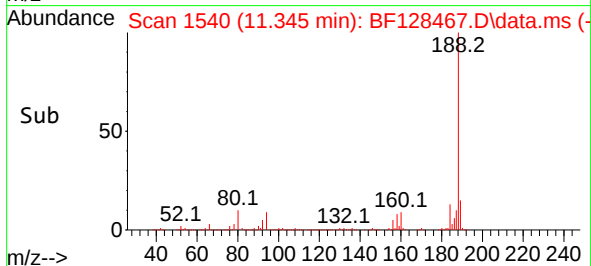
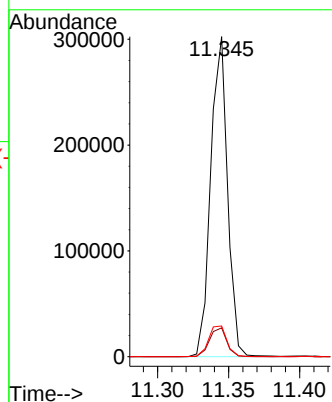
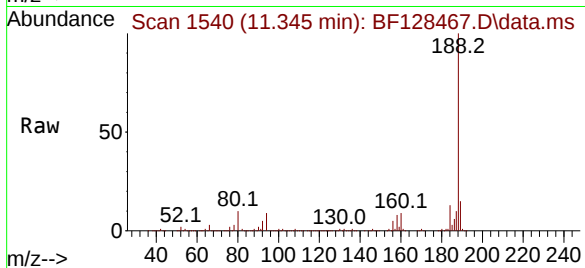
Tgt Ion:188 Resp: 249784

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

80 9.6 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: BF128467.D

Acq: 25 May 2022 18:51

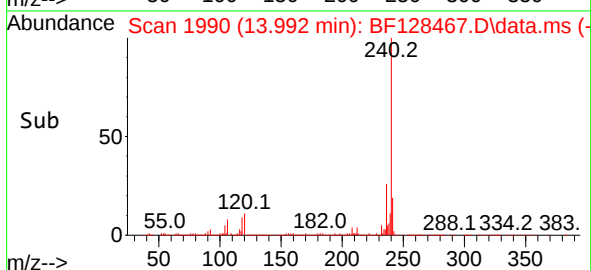
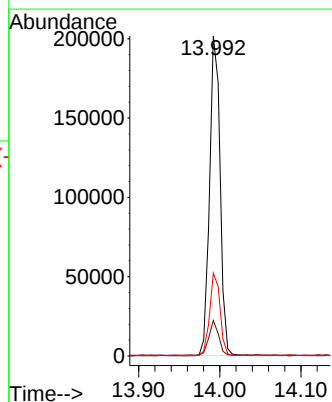
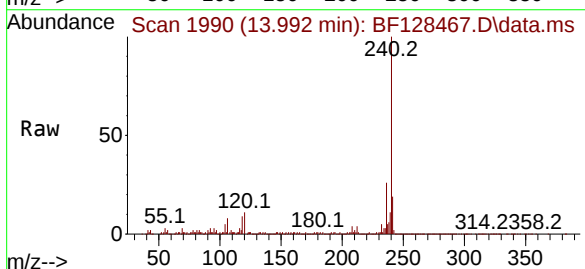
Tgt Ion:240 Resp: 181138

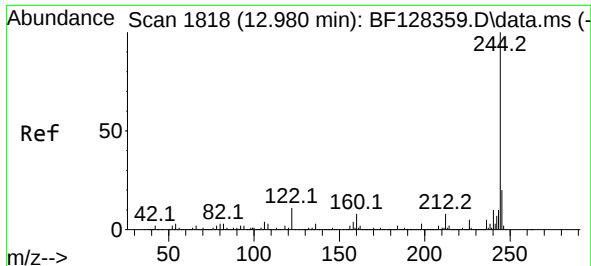
Ion Ratio Lower Upper

240 100

120 11.1 7.0 10.6#

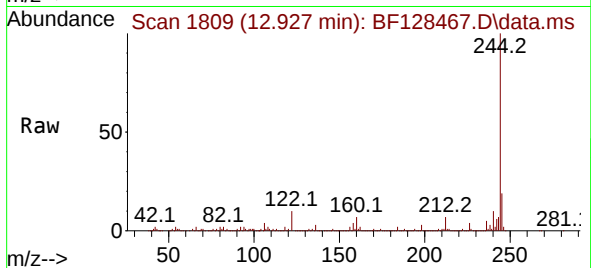
236 25.9 20.3 30.5



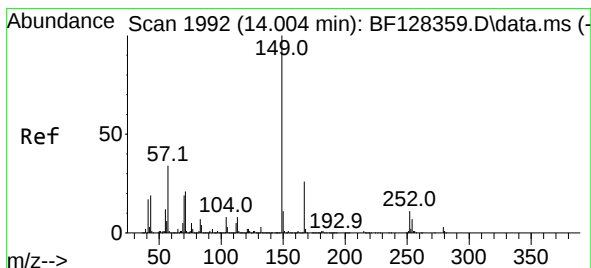
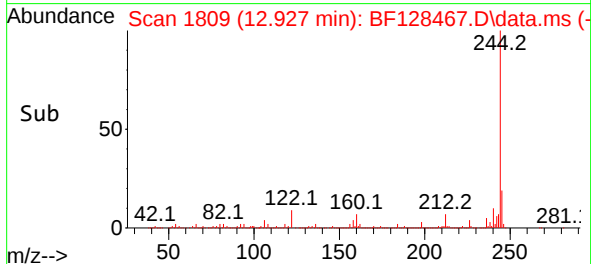
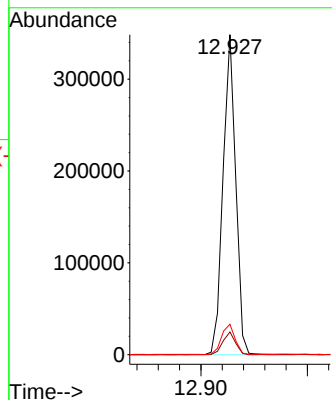


#79
 Terphenyl-d14
 Concen: 30.550 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: BF128467.D
 Acq: 25 May 2022 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P041-SS001-0006-01

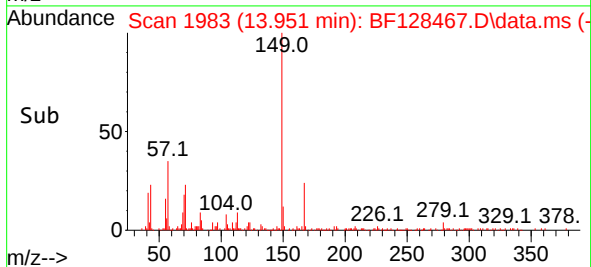
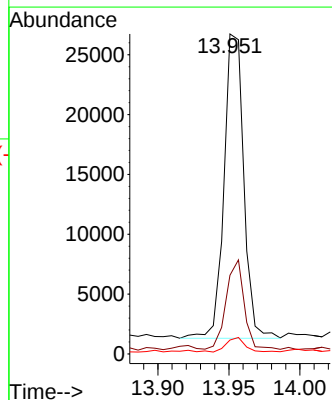
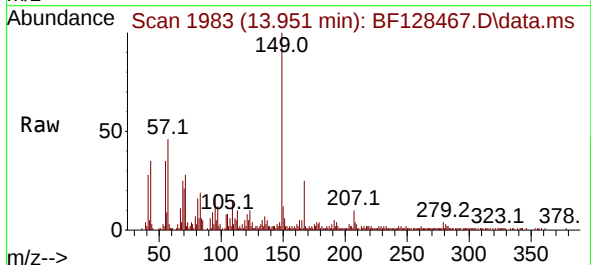


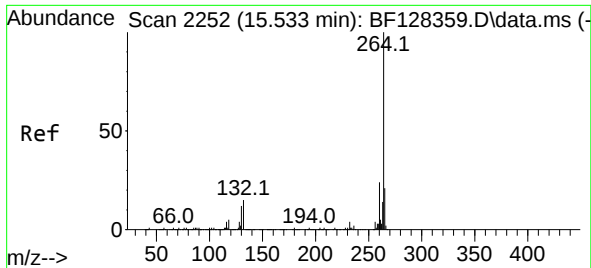
Tgt Ion:244 Resp: 286664
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 9.5 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.417 ng
 RT: 13.951 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: BF128467.D
 Acq: 25 May 2022 18:51

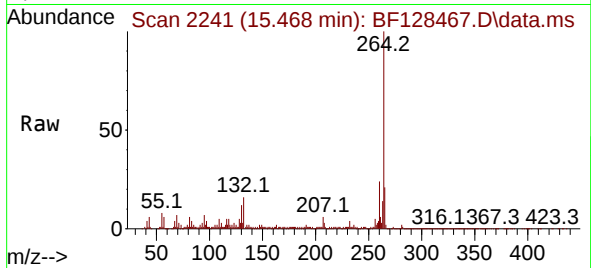
Tgt Ion:149 Resp: 24573
 Ion Ratio Lower Upper
 149 100
 167 24.6 22.0 33.0
 279 4.4 3.4 5.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF128467.D
 Acq: 25 May 2022 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P041-SS001-0006-01



Tgt Ion:264 Resp: 139132
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.1 30.1
 265 20.9 17.5 26.3

