

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128461.D
 Acq On : 25 May 2022 15:55
 Operator : CG\JU
 Sample : N2896-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-1218-01

Quant Time: May 26 01:00:57 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)

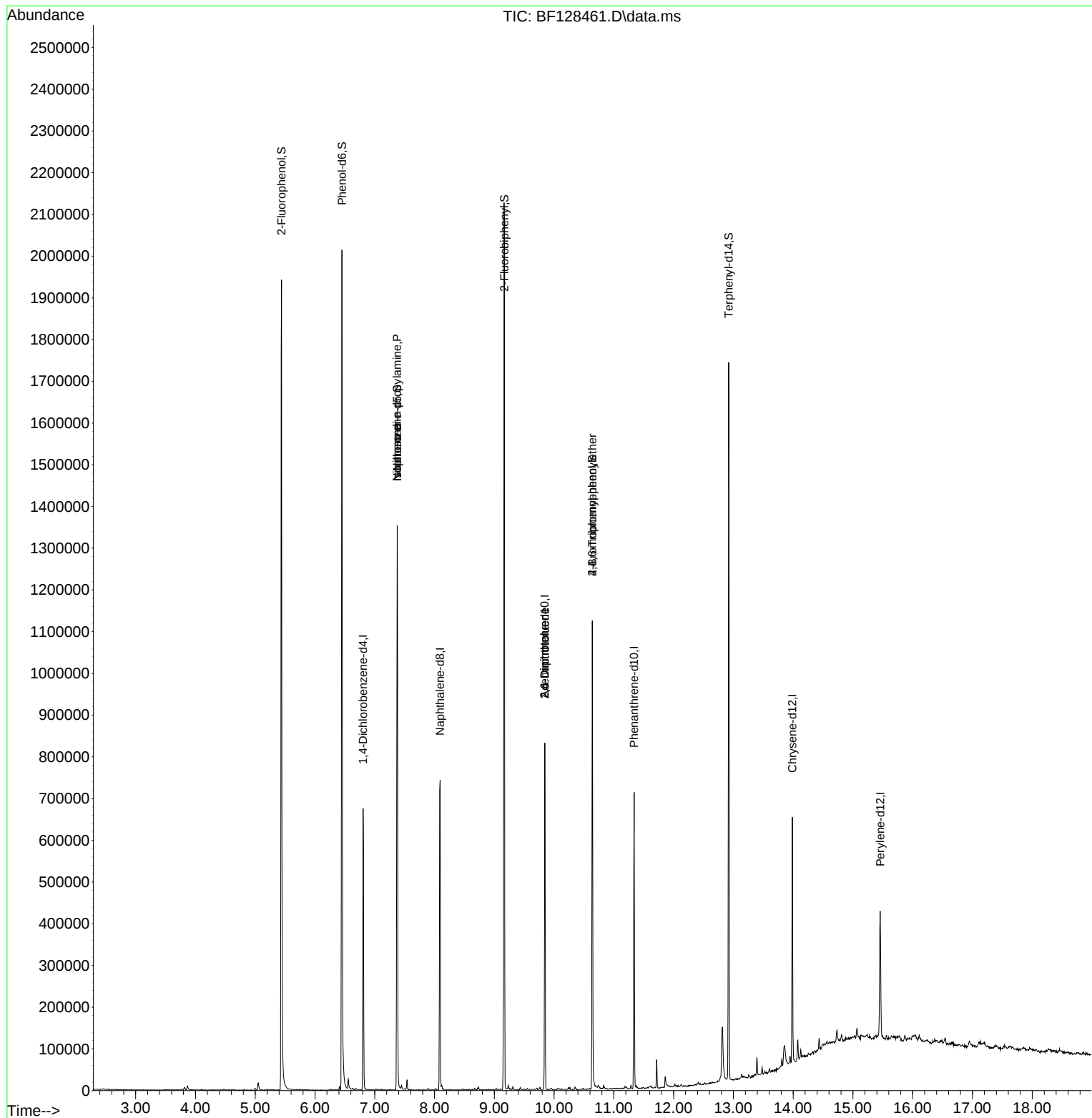
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	95789	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	332596	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	157866	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	245265	20.000	ng	0.00
76) Chrysene-d12	13.986	240	185581	20.000	ng	0.00
86) Perylene-d12	15.456	264	140146	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	544156	90.402	ng	0.00
7) Phenol-d6	6.451	99	671835	84.762	ng	0.00
23) Nitrobenzene-d5	7.375	82	462631	62.322	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	126304	77.579	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	675112	69.935	ng	0.00
79) Terphenyl-d14	12.921	244	583691	60.716	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.451	77	1186	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.375	70	62659	13.218	ng	# 78
25) Isophorone	7.375	82	462688	40.673	ng	# 68
51) 2,6-Dinitrotoluene	9.845	165	19862	9.031	ng	# 21
57) 2,4-Dinitrotoluene	9.845	165	19862	7.168	ng	# 26
67) 4-Bromophenyl-phenylether	10.639	248	7501	2.922	ng	# 1

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

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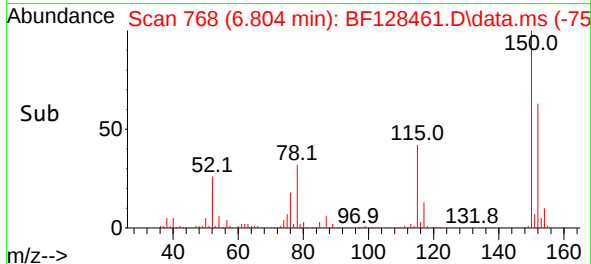
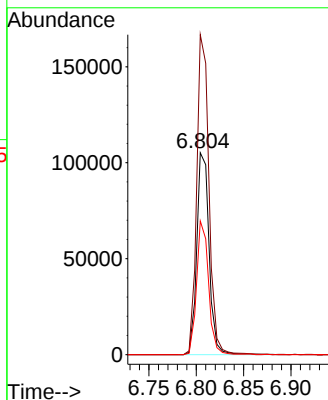
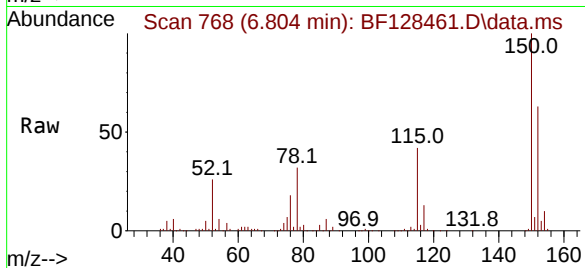




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BF128461.D
 Acq: 25 May 2022 15:55

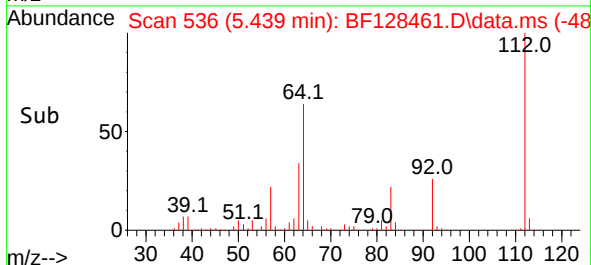
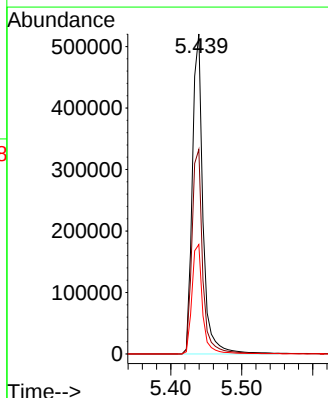
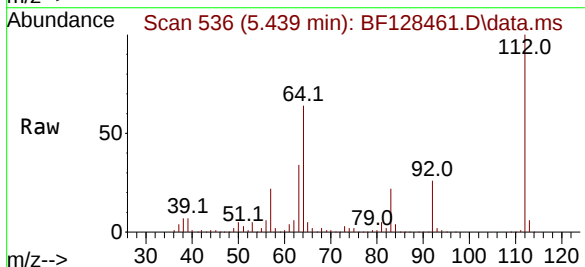
Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-1218-01

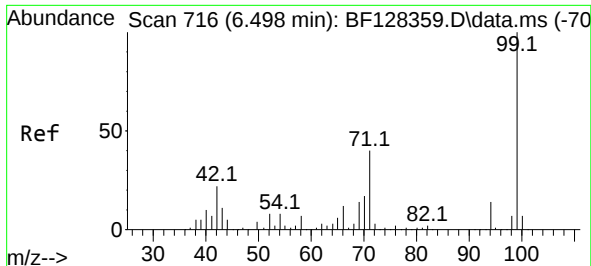
Tgt Ion:152 Resp: 95789
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.3 187.9
 115 66.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 90.402 ng
 RT: 5.439 min Scan# 536
 Delta R.T. 0.006 min
 Lab File: BF128461.D
 Acq: 25 May 2022 15:55

Tgt Ion:112 Resp: 544156
 Ion Ratio Lower Upper
 112 100
 64 63.9 49.5 74.3
 63 34.2 26.3 39.5

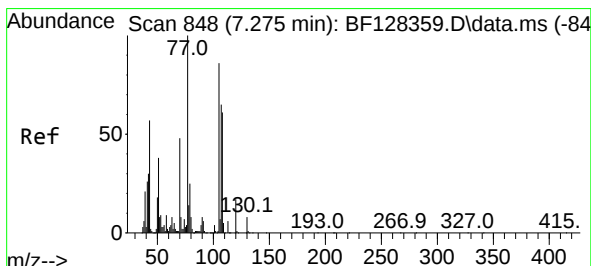
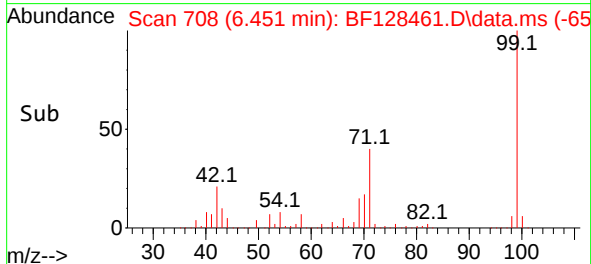
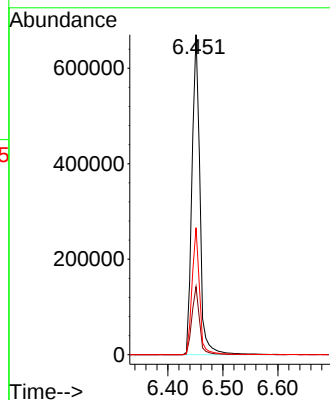
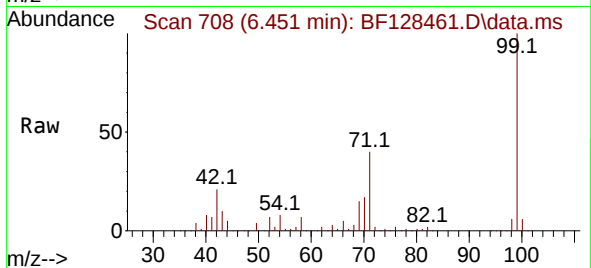




#7
Phenol-d6
Concen: 84.762 ng
RT: 6.451 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

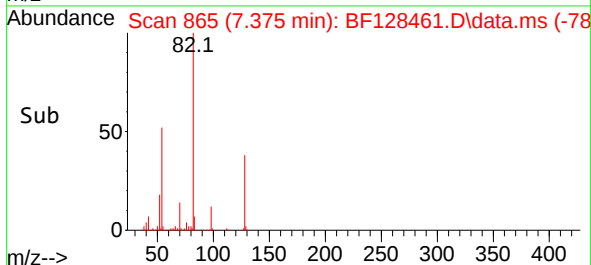
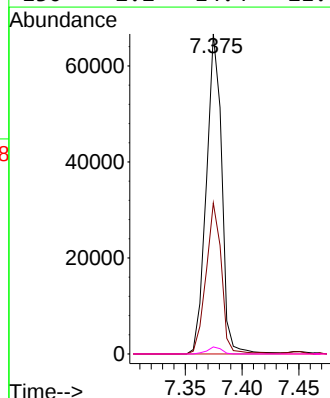
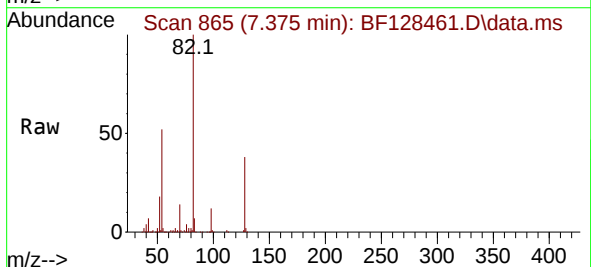
Instrument :
BNA_F
ClientSampleId :
P040-SS001-1218-01

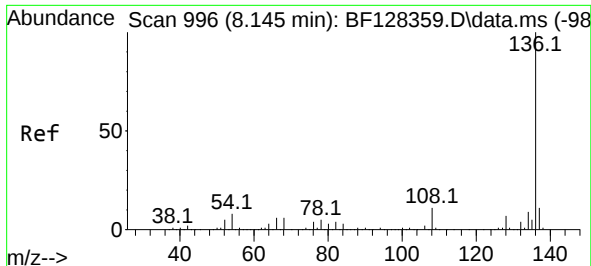
Tgt Ion: 99 Resp: 671835
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 39.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.218 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

Tgt Ion: 70 Resp: 62659
Ion Ratio Lower Upper
70 100
42 47.2 48.7 73.1#
101 0.0 7.2 10.8#
130 2.2 14.4 21.6#

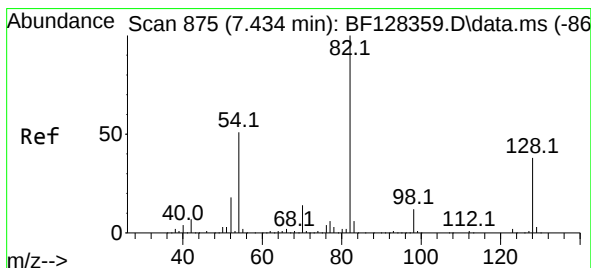
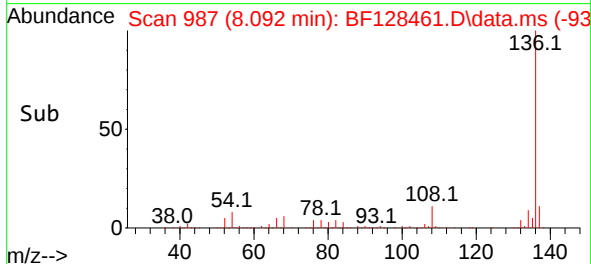
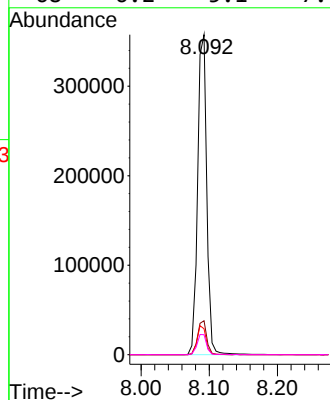
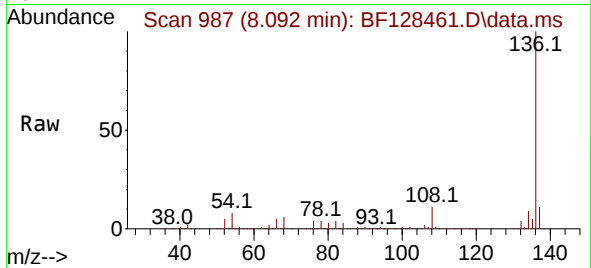




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

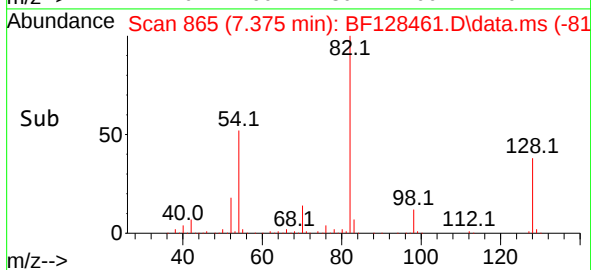
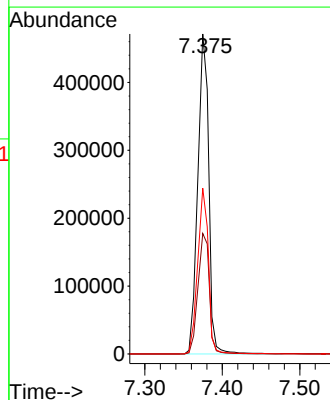
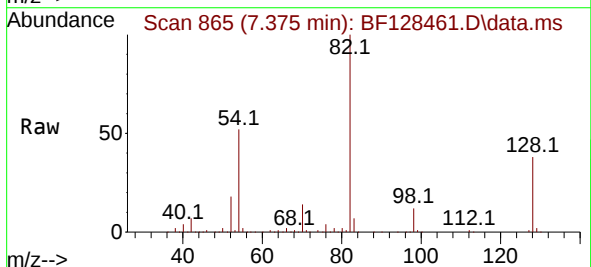
Instrument :
BNA_F
ClientSampleId :
P040-SS001-1218-01

Tgt Ion:	136	Resp:	332596
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	8.1	6.8	10.2
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 62.322 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

Tgt Ion:	82	Resp:	462631
Ion Ratio	Lower	Upper	
82	100		
128	37.7	30.0	45.0
54	51.8	41.3	61.9

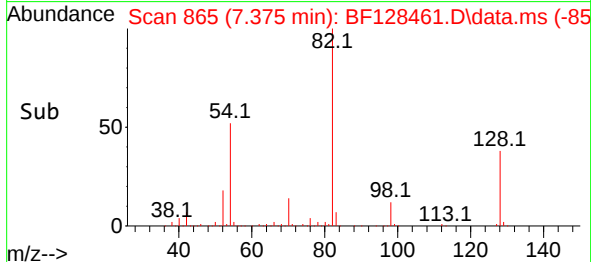
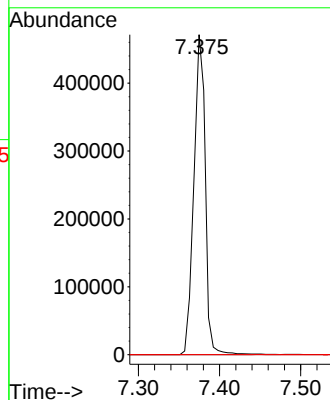
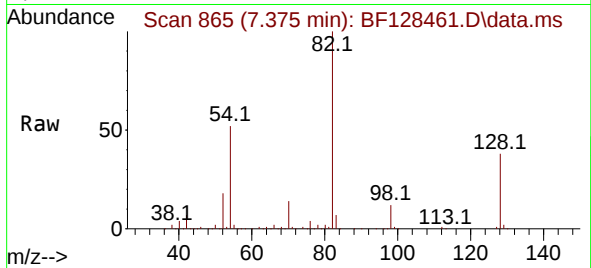




#25
Isophorone
Concen: 40.673 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

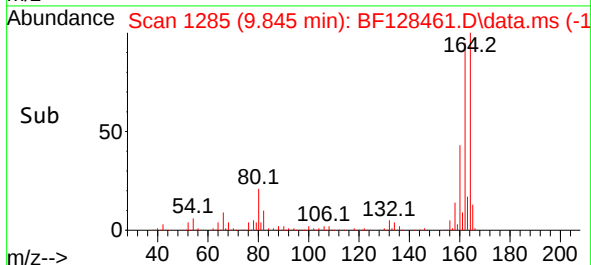
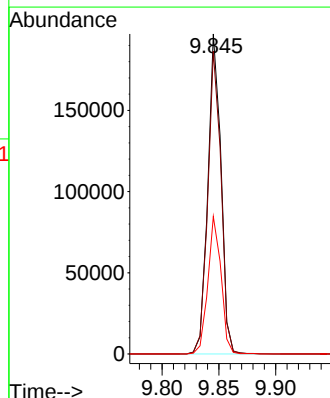
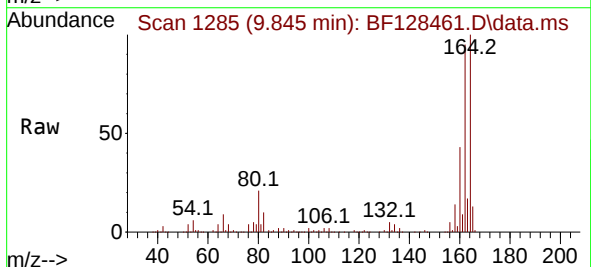
Instrument :
BNA_F
ClientSampleId :
P040-SS001-1218-01

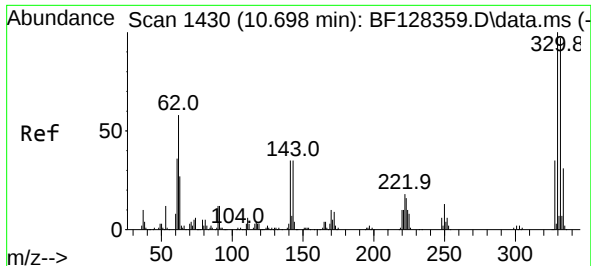
Tgt Ion: 82 Resp: 462688
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

Tgt Ion: 164 Resp: 157866
Ion Ratio Lower Upper
164 100
162 94.5 76.0 114.0
160 43.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 77.579 ng

RT: 10.639 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128461.D

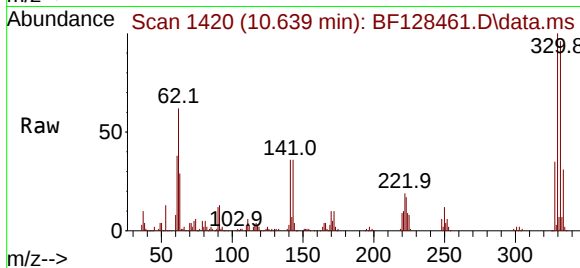
Acq: 25 May 2022 15:55

Instrument :

BNA_F

ClientSampleId :

P040-SS001-1218-01



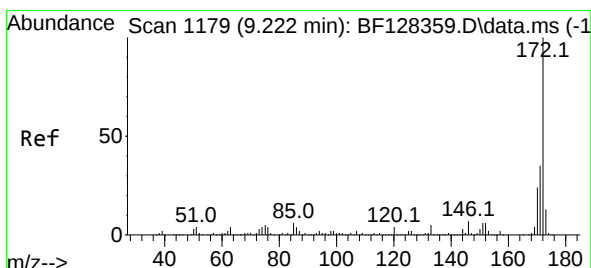
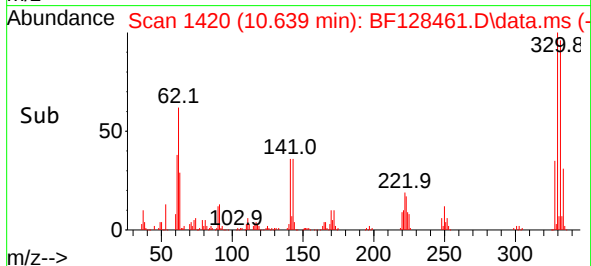
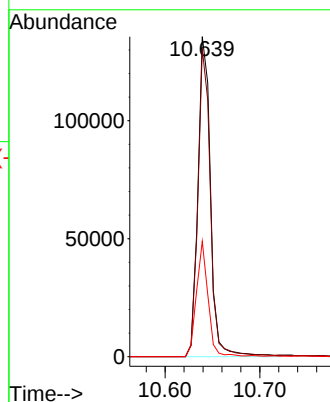
Tgt Ion:330 Resp: 126304

Ion Ratio Lower Upper

330 100

332 95.2 79.0 118.4

141 33.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 69.935 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF128461.D

Acq: 25 May 2022 15:55

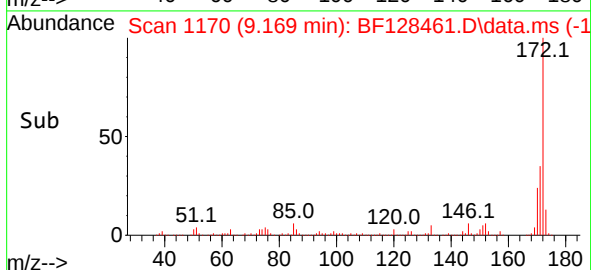
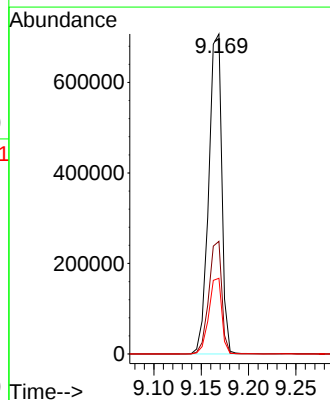
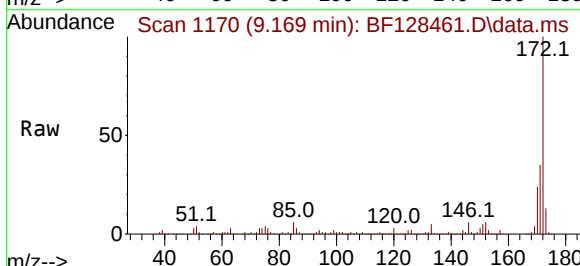
Tgt Ion:172 Resp: 675112

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.031 ng

RT: 9.845 min Scan# 1285

Delta R.T. 0.200 min

Lab File: BF128461.D

Acq: 25 May 2022 15:55

Instrument :

BNA_F

ClientSampleId :

P040-SS001-1218-01

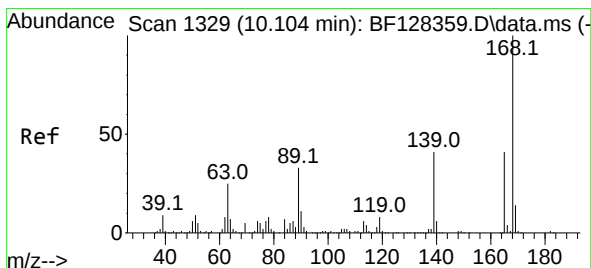
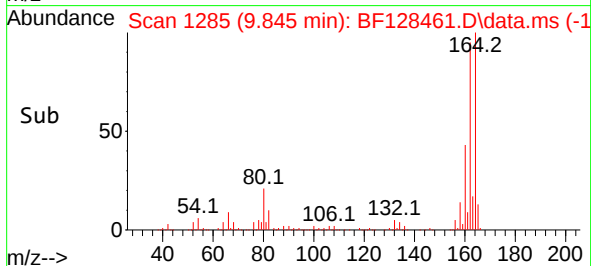
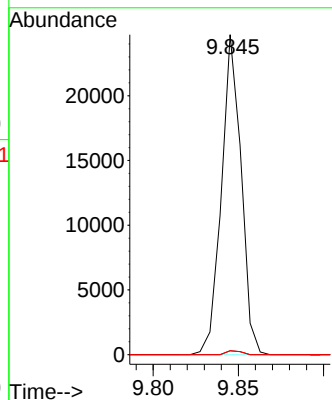
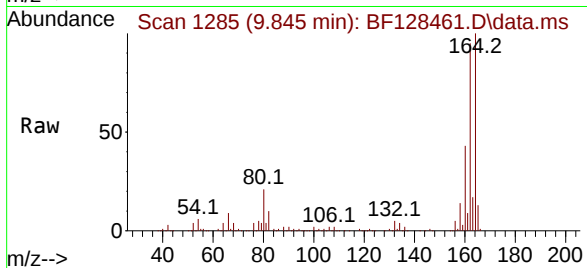
Tgt Ion:165 Resp: 19862

Ion Ratio Lower Upper

165 100

63 1.2 49.5 74.3#

89 1.2 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.168 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.206 min

Lab File: BF128461.D

Acq: 25 May 2022 15:55

Tgt Ion:165 Resp: 19862

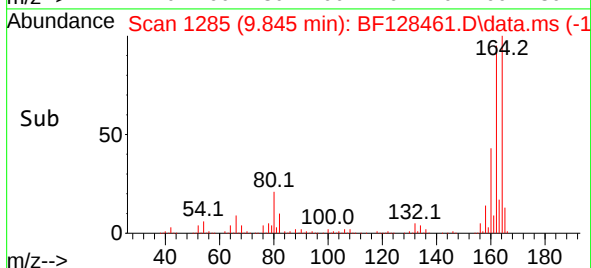
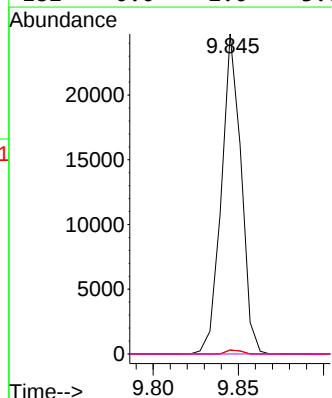
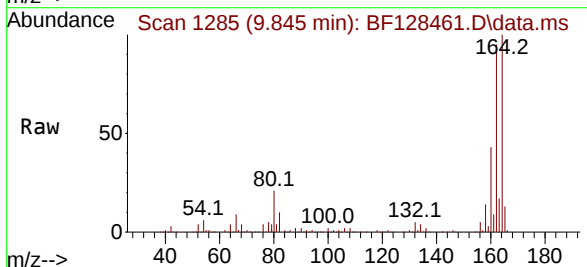
Ion Ratio Lower Upper

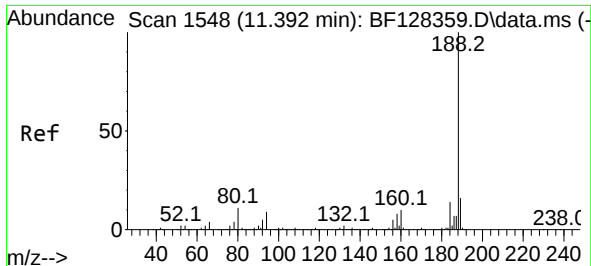
165 100

63 1.2 32.6 49.0#

89 1.2 55.2 82.8#

182 0.0 2.0 3.0#

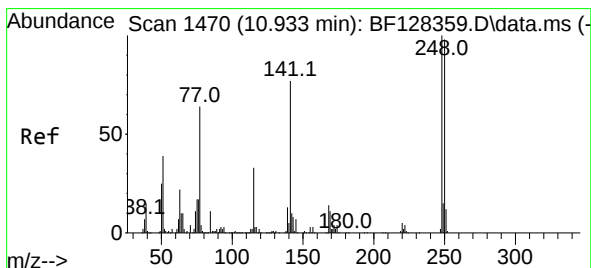
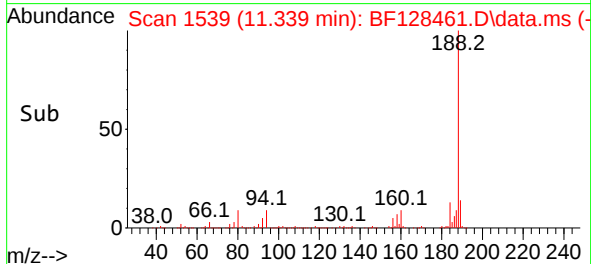
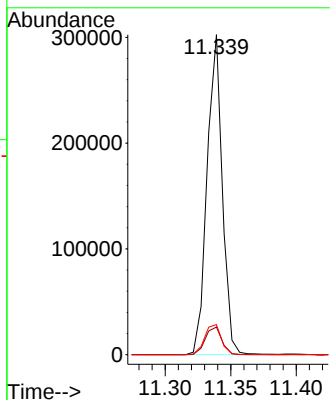
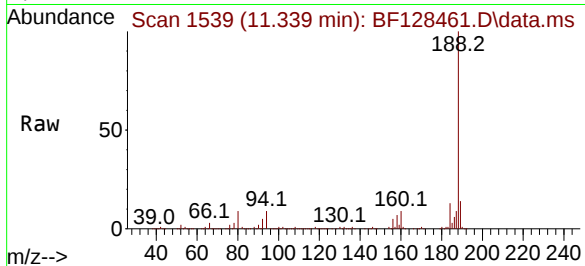




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

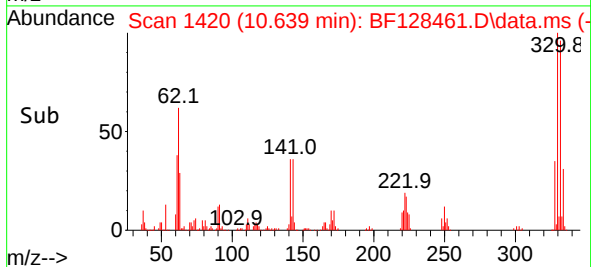
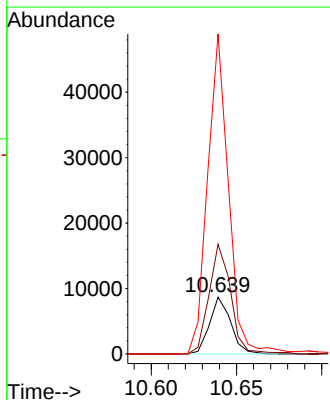
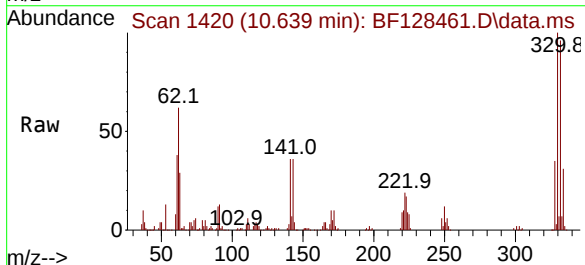
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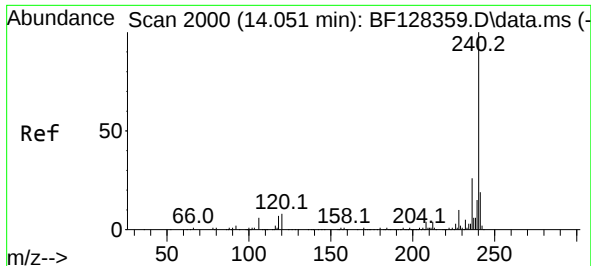
Tgt Ion:188 Resp: 245265
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.922 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.241 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

Tgt Ion:248 Resp: 7501
Ion Ratio Lower Upper
248 100
250 192.9 77.7 116.5#
141 562.7 65.6 98.4#

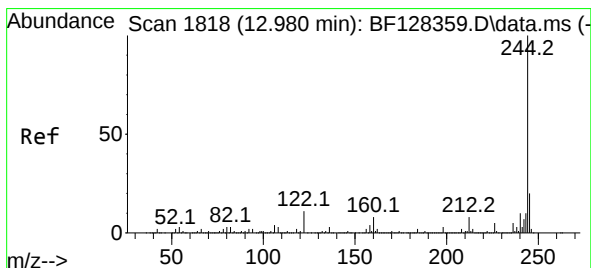
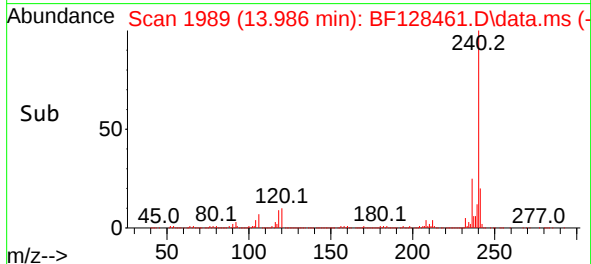
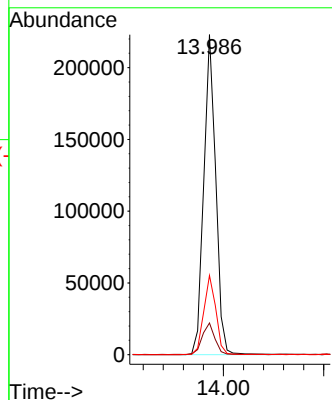
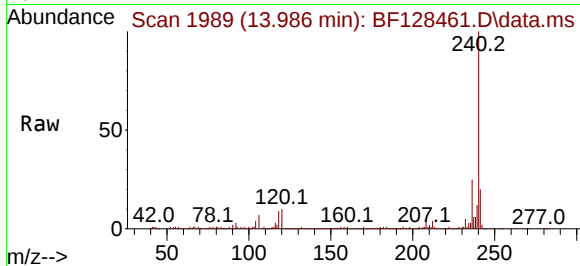




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

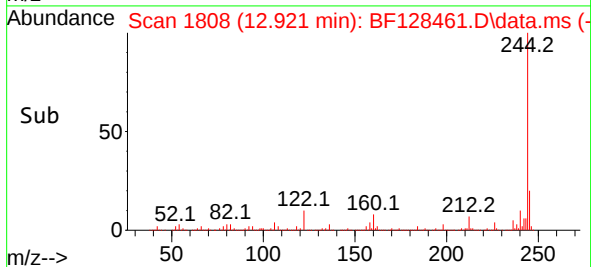
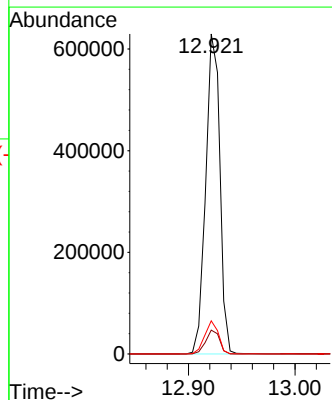
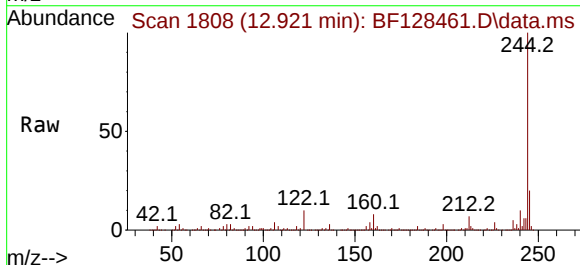
Instrument :
BNA_F
ClientSampleId :
P040-SS001-1218-01

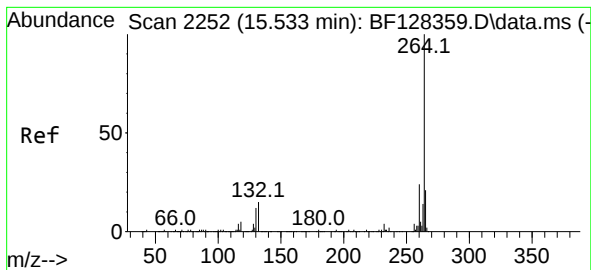
Tgt Ion:240 Resp: 185581
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 24.8 20.3 30.5



#79
Terphenyl-d14
Concen: 60.716 ng
RT: 12.921 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF128461.D
Acq: 25 May 2022 15:55

Tgt Ion:244 Resp: 583691
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 10.4 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128461.D

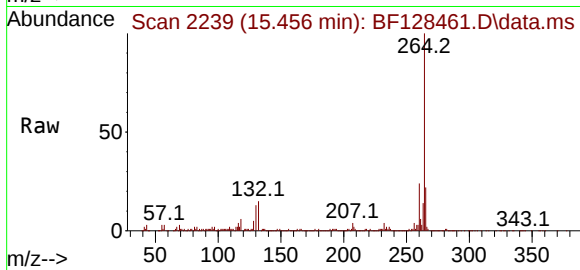
Acq: 25 May 2022 15:55

Instrument :

BNA_F

ClientSampleId :

P040-SS001-1218-01



Tgt Ion:264 Resp: 140146

Ion Ratio Lower Upper

264 100

260 24.3 20.1 30.1

265 21.6 17.5 26.3

