

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128460.D
 Acq On : 25 May 2022 15:26
 Operator : CG\JU
 Sample : N2896-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P038-SS001-0006-02

Quant Time: May 26 01:00:51 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)

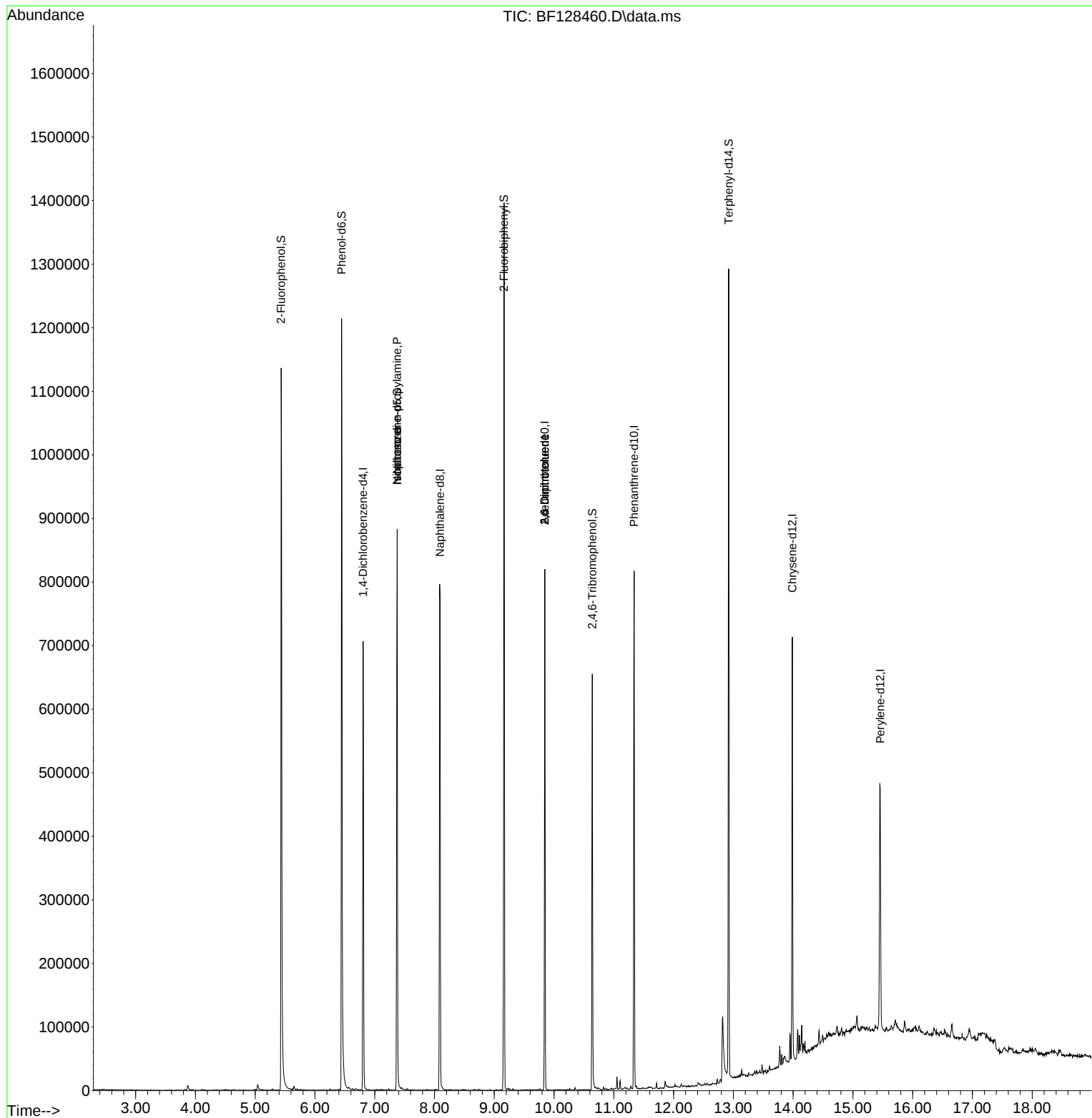
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	96525	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	367377	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	150626	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	292295	20.000	ng	0.00
76) Chrysene-d12	13.986	240	209716	20.000	ng	0.00
86) Perylene-d12	15.457	264	177463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	332722	54.855	ng	0.00
7) Phenol-d6	6.446	99	409490	51.270	ng	-0.01
23) Nitrobenzene-d5	7.375	82	277805	33.881	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	70468	45.364	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	378837	41.130	ng	0.00
79) Terphenyl-d14	12.922	244	398345	36.667	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.416	77	185	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.375	70	35765	7.487 ng	#	80
25) Isophorone	7.375	82	277803	22.109 ng	#	68
51) 2,6-Dinitrotoluene	9.845	165	19279	9.187 ng	#	21
57) 2,4-Dinitrotoluene	9.845	165	19279	7.292 ng	#	26

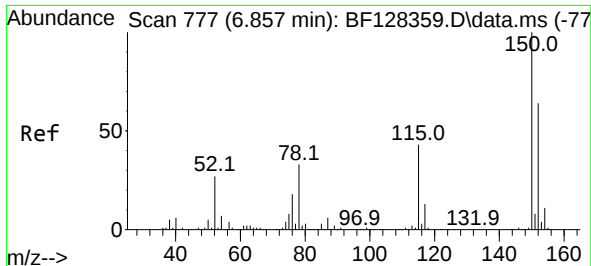
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
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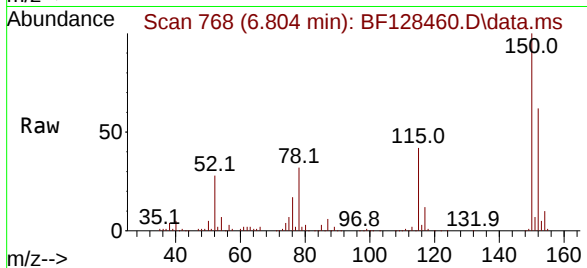
Quant Time: May 26 01:00:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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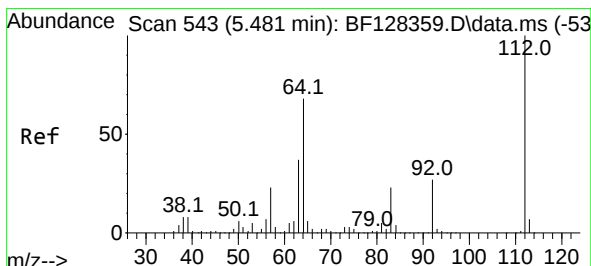
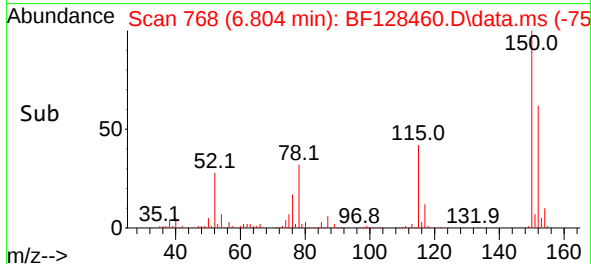
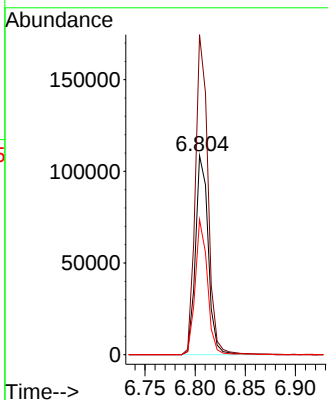


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128460.D
Acq: 25 May 2022 15:26

Instrument :
BNA_F
ClientSampleId :
P038-SS001-0006-02

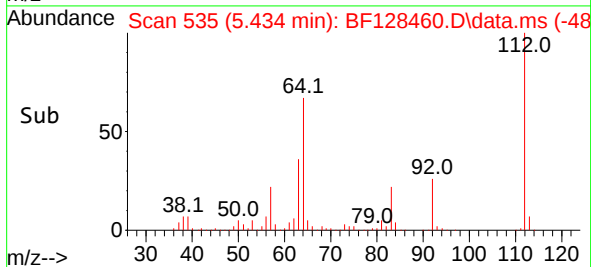
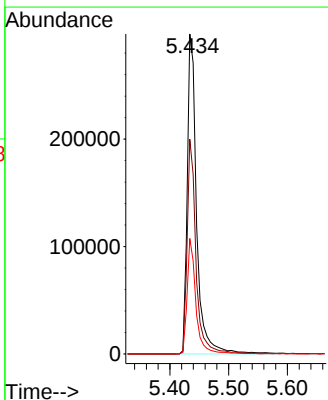
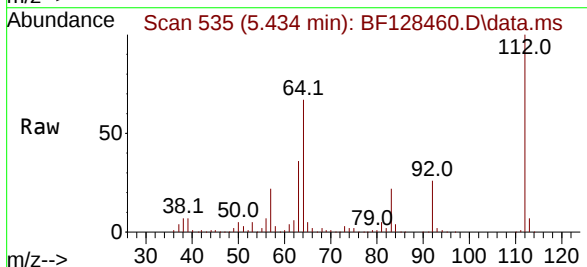


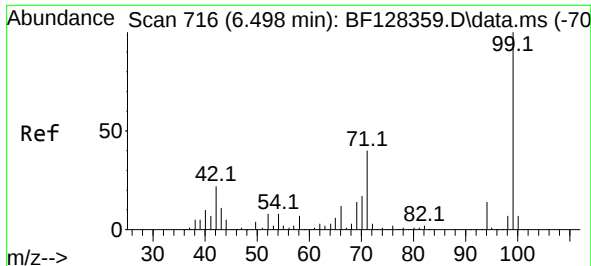
Tgt Ion:152 Resp: 96525
Ion Ratio Lower Upper
152 100
150 160.8 125.3 187.9
115 67.9 48.8 73.2



#5
2-Fluorophenol
Concen: 54.855 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.000 min
Lab File: BF128460.D
Acq: 25 May 2022 15:26

Tgt Ion:112 Resp: 332722
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 36.1 26.3 39.5

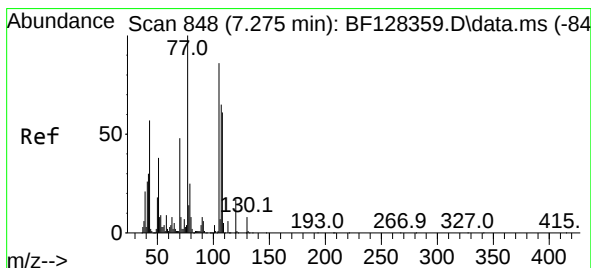
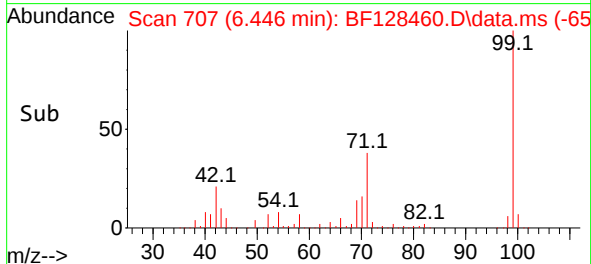
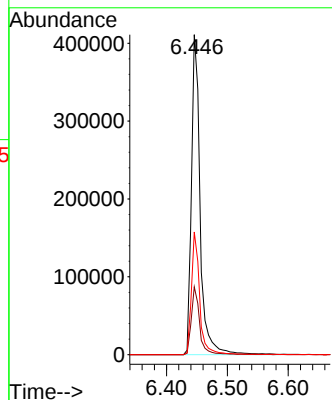
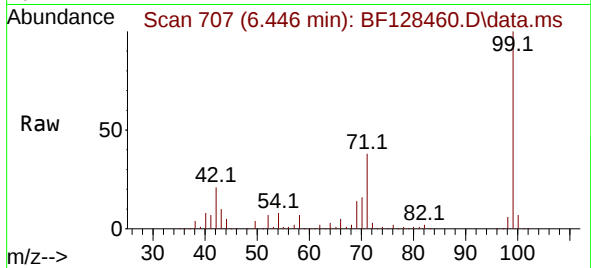




#7
Phenol-d6
Concen: 51.270 ng
RT: 6.446 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128460.D
Acq: 25 May 2022 15:26

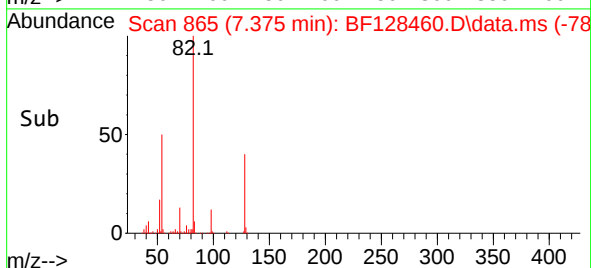
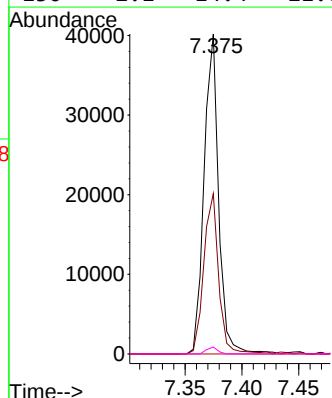
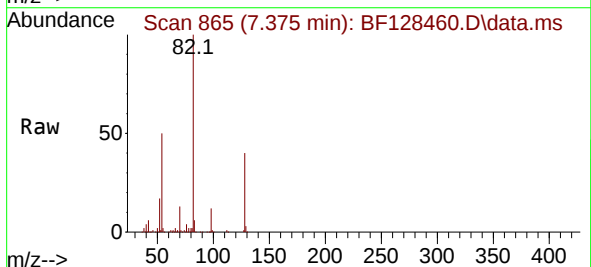
Instrument :
BNA_F
ClientSampleId :
P038-SS001-0006-02

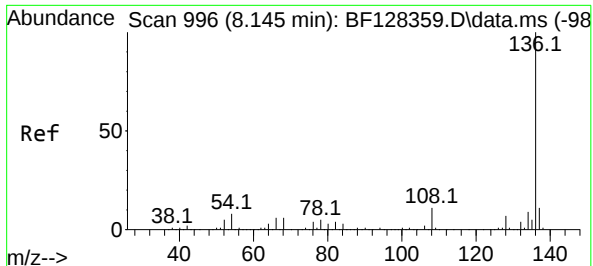
Tgt Ion: 99 Resp: 409490
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 38.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 7.487 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128460.D
Acq: 25 May 2022 15:26

Tgt Ion: 70 Resp: 35765
Ion Ratio Lower Upper
70 100
42 50.1 48.7 73.1
101 0.0 7.2 10.8#
130 2.1 14.4 21.6#

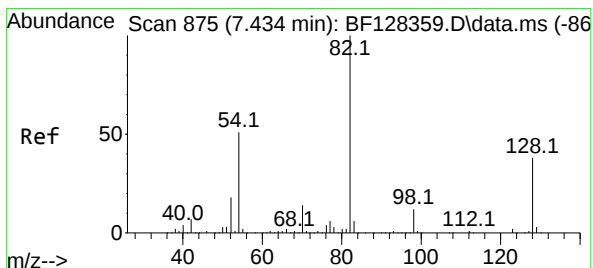
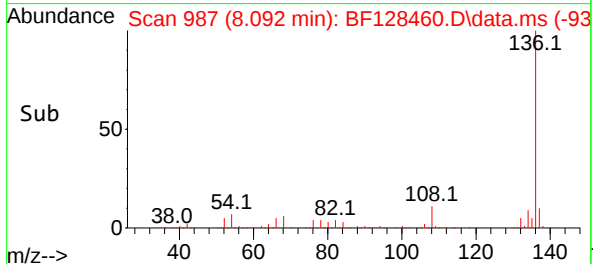
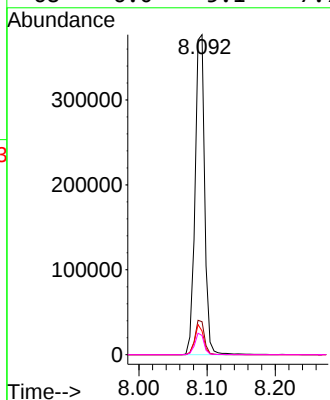
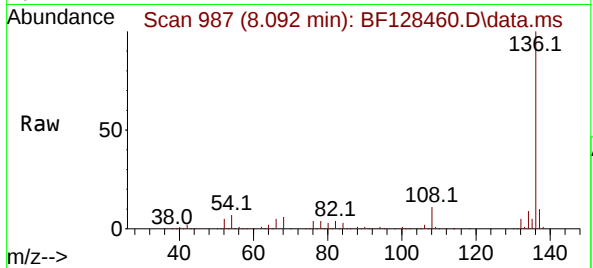




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128460.D
Acq: 25 May 2022 15:26

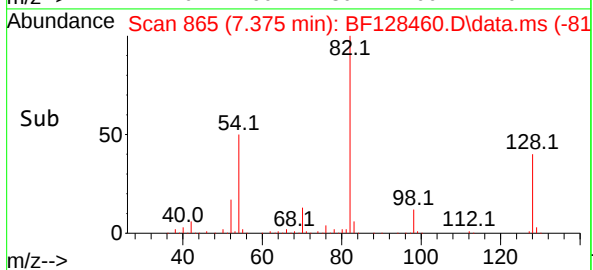
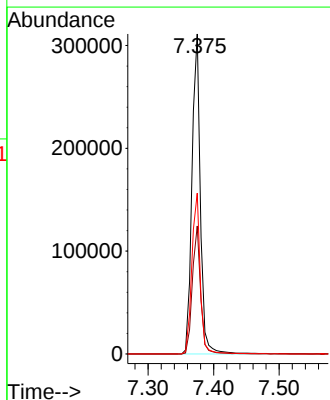
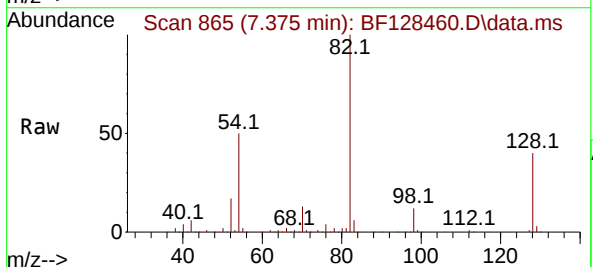
Instrument :
BNA_F
ClientSampleId :
P038-SS001-0006-02

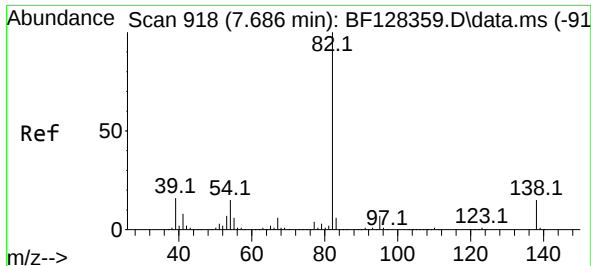
Tgt Ion:	136	Resp:	367377
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	7.4	6.8	10.2
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 33.881 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128460.D
Acq: 25 May 2022 15:26

Tgt Ion:	82	Resp:	277805
Ion Ratio	Lower	Upper	
82	100		
128	40.0	30.0	45.0
54	50.2	41.3	61.9

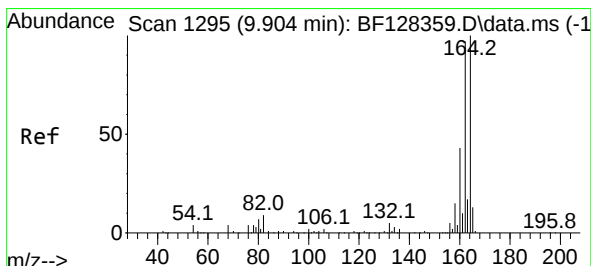
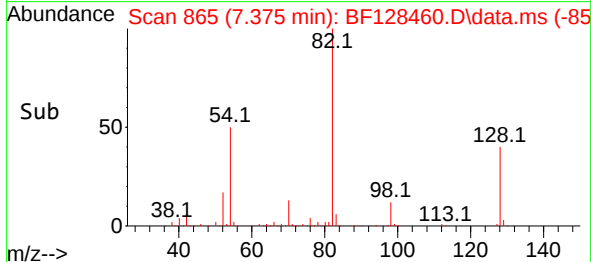
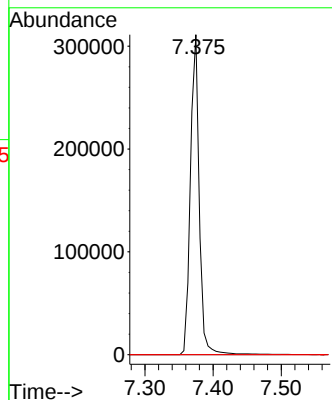
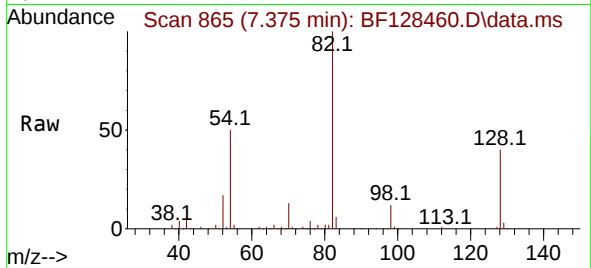




#25
Isophorone
Concen: 22.109 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128460.D
Acq: 25 May 2022 15:26

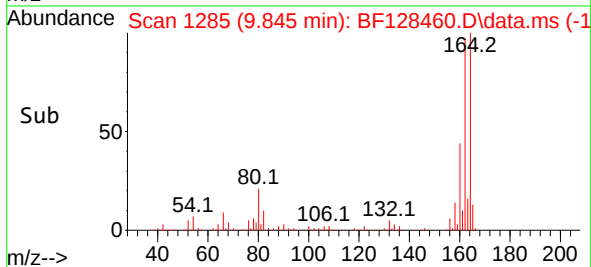
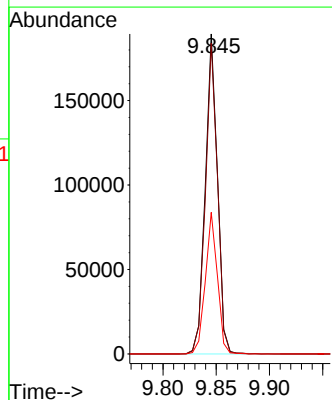
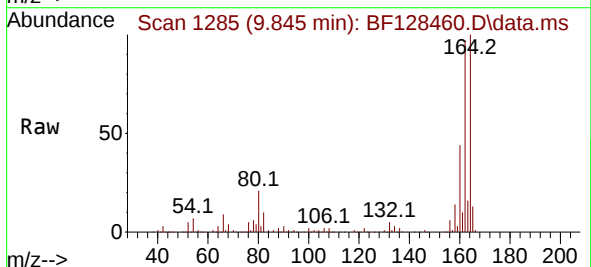
Instrument :
BNA_F
ClientSampleId :
P038-SS001-0006-02

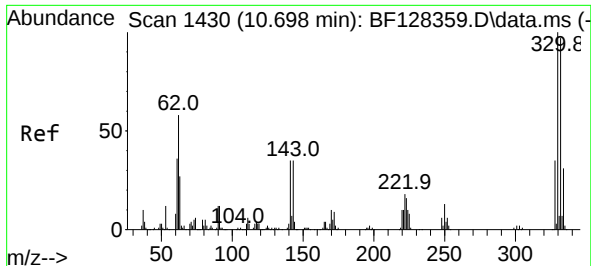
Tgt Ion: 82 Resp: 277803
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF128460.D
Acq: 25 May 2022 15:26

Tgt Ion: 164 Resp: 150626
Ion Ratio Lower Upper
164 100
162 97.1 76.0 114.0
160 44.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 45.364 ng

RT: 10.639 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128460.D

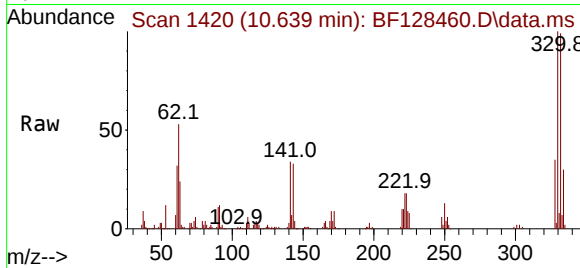
Acq: 25 May 2022 15:26

Instrument :

BNA_F

ClientSampleId :

P038-SS001-0006-02



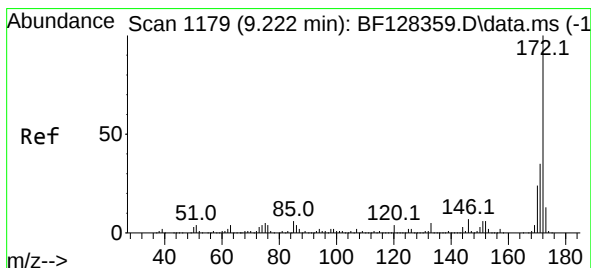
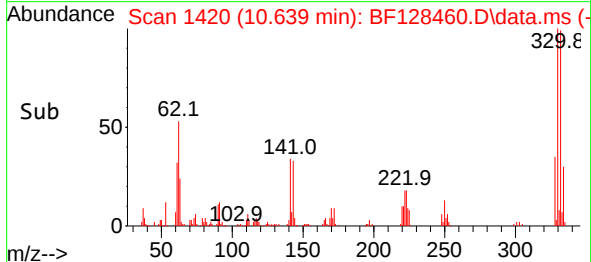
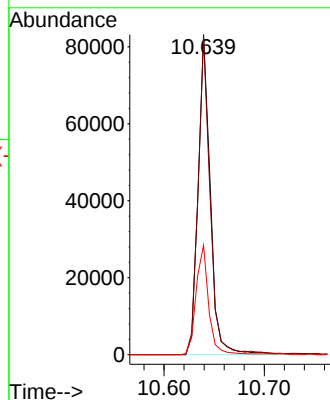
Tgt Ion:330 Resp: 70468

Ion Ratio Lower Upper

330 100

332 98.7 79.0 118.4

141 34.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 41.130 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF128460.D

Acq: 25 May 2022 15:26

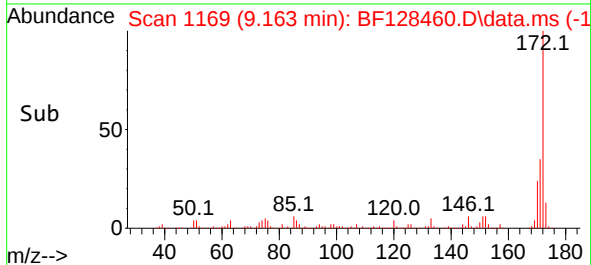
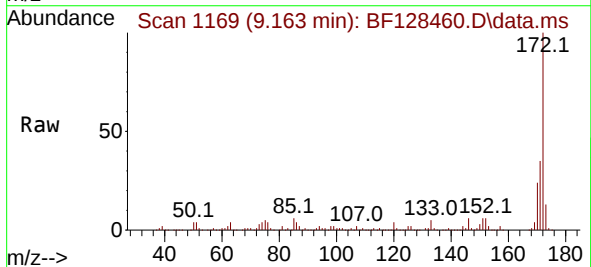
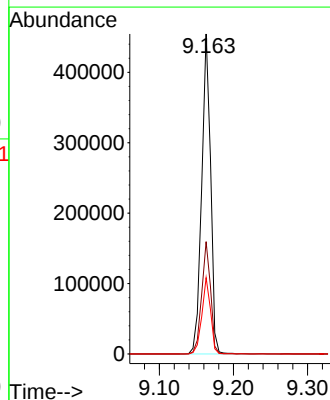
Tgt Ion:172 Resp: 378837

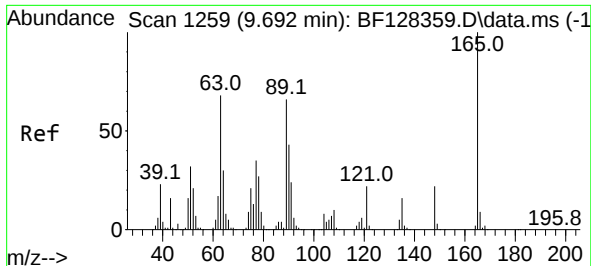
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.187 ng

RT: 9.845 min Scan# 1285

Delta R.T. 0.200 min

Lab File: BF128460.D

Acq: 25 May 2022 15:26

Instrument :

BNA_F

ClientSampleId :

P038-SS001-0006-02

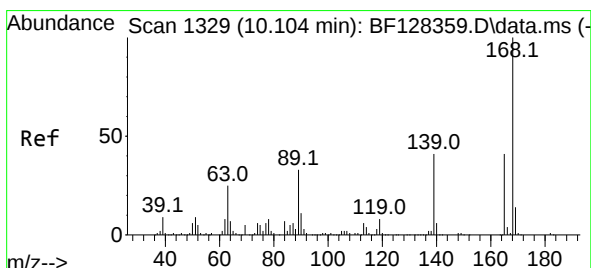
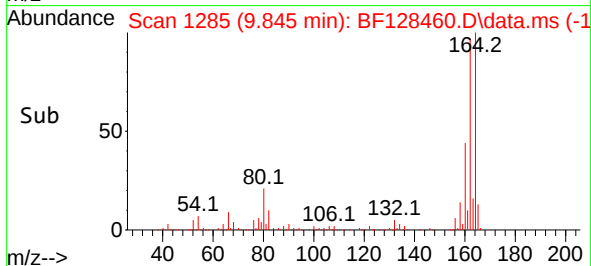
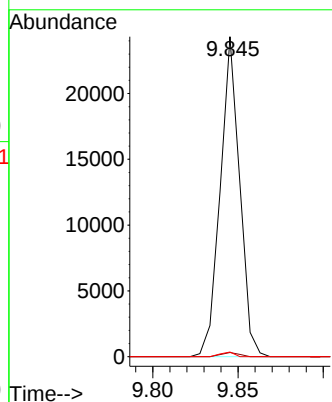
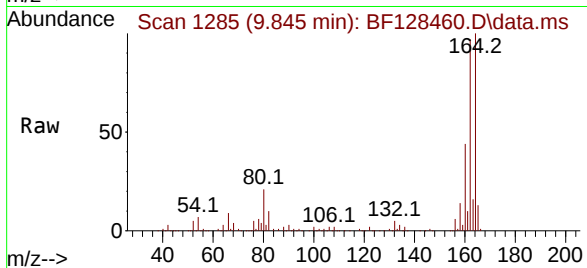
Tgt Ion:165 Resp: 19279

Ion Ratio Lower Upper

165 100

63 1.3 49.5 74.3#

89 1.5 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.292 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.206 min

Lab File: BF128460.D

Acq: 25 May 2022 15:26

Tgt Ion:165 Resp: 19279

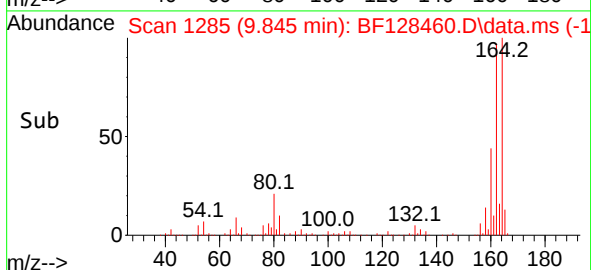
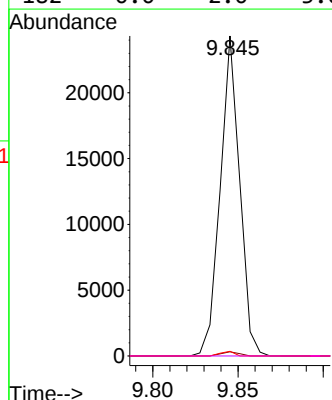
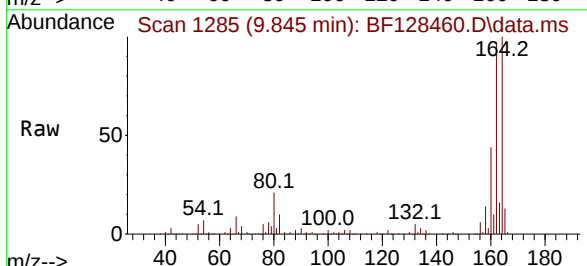
Ion Ratio Lower Upper

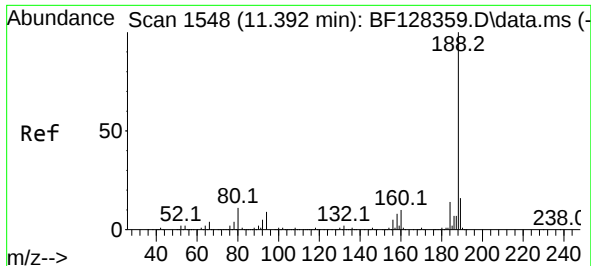
165 100

63 1.3 32.6 49.0#

89 1.5 55.2 82.8#

182 0.0 2.0 3.0#

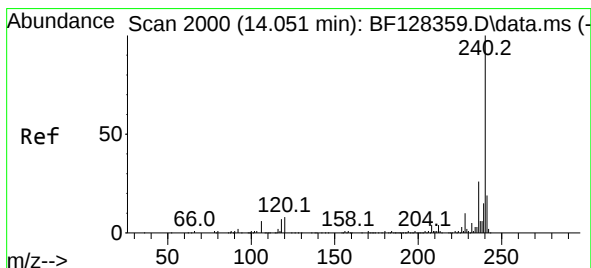
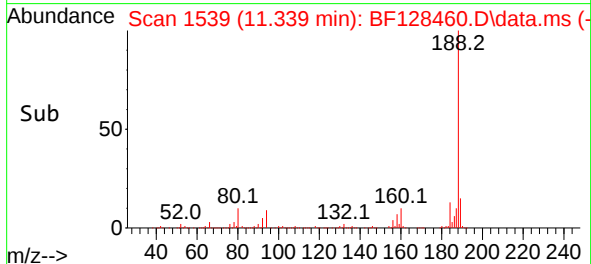
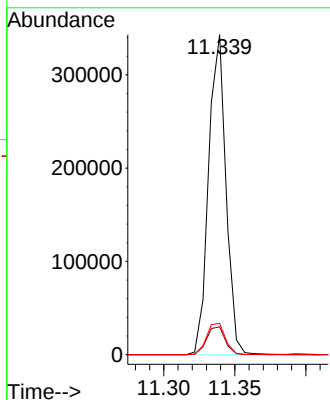
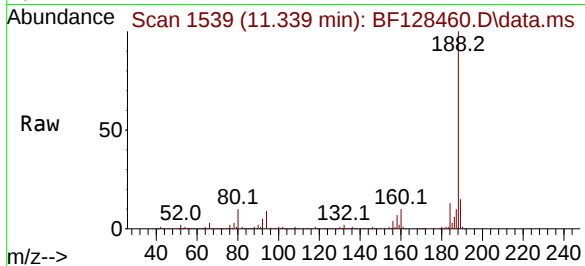




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128460.D
Acq: 25 May 2022 15:26

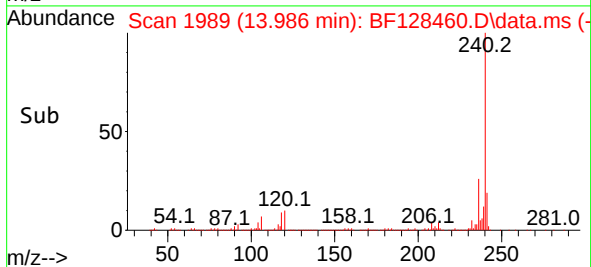
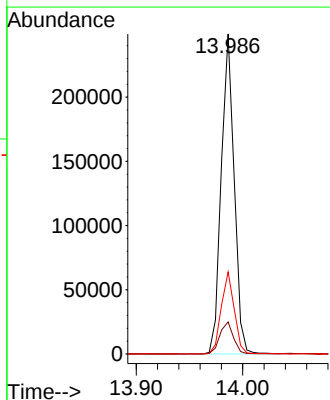
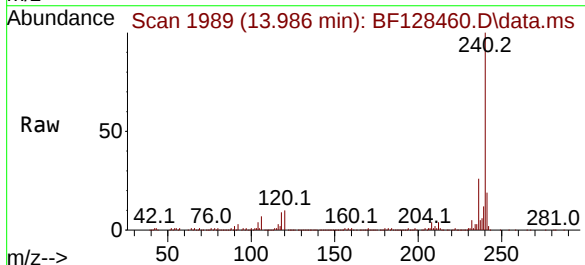
Instrument :
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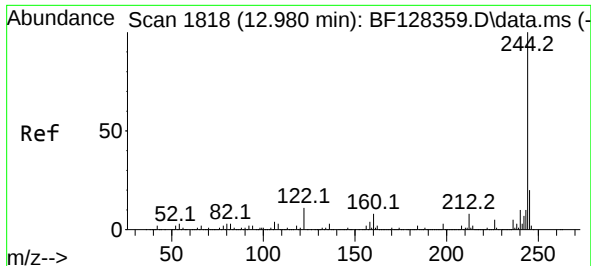
Tgt Ion:188 Resp: 292295
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF128460.D
Acq: 25 May 2022 15:26

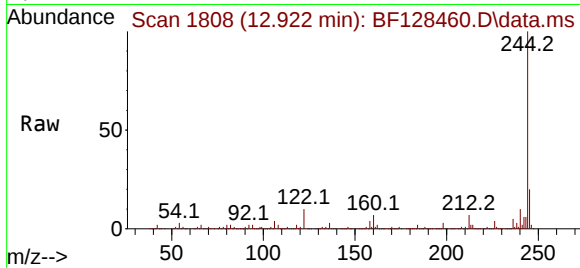
Tgt Ion:240 Resp: 209716
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.7 20.3 30.5



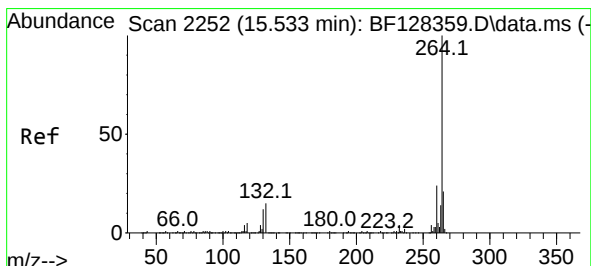
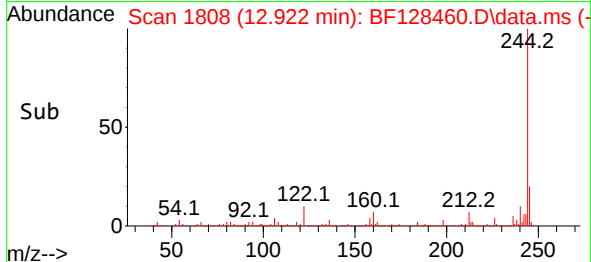
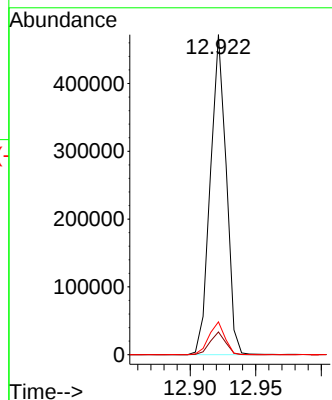


#79
 Terphenyl-d14
 Concen: 36.667 ng
 RT: 12.922 min Scan# 1808
 Delta R.T. -0.006 min
 Lab File: BF128460.D
 Acq: 25 May 2022 15:26

Instrument :
 BNA_F
 ClientSampleId :
 P038-SS001-0006-02



Tgt Ion:244 Resp: 398345
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 10.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. 0.000 min
 Lab File: BF128460.D
 Acq: 25 May 2022 15:26

Tgt Ion:264 Resp: 177463
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 21.4 17.5 26.3

