

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128466.D
 Acq On : 25 May 2022 18:21
 Operator : CG\JU
 Sample : N2896-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P038-SS001-0612-01

Quant Time: May 26 01:01:31 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)

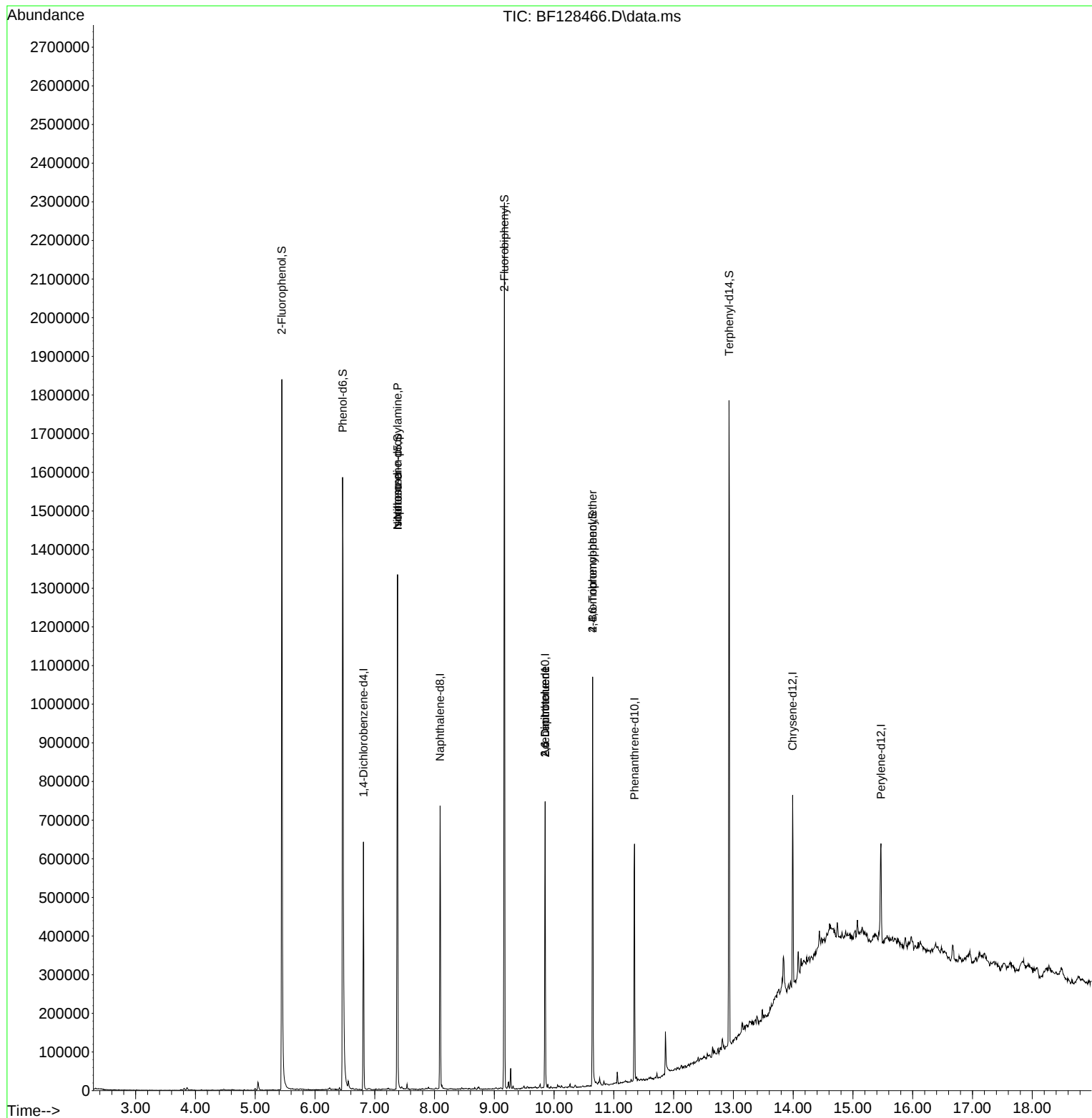
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	82289	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	289998	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	137848	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	220719	20.000	ng	0.00
76) Chrysene-d12	13.992	240	164917	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	124858	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	499670	96.630	ng	0.01
7) Phenol-d6	6.463	99	623442	91.561	ng	0.00
23) Nitrobenzene-d5	7.381	82	414104	63.980	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	117925	82.951	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	626840	74.364	ng	0.00
79) Terphenyl-d14	12.927	244	576854	67.523	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.463	77	1049	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.381	70	55391	13.602	ng	# 78
25) Isophorone	7.381	82	414101	41.749	ng	# 68
51) 2,6-Dinitrotoluene	9.851	165	17535	9.131	ng	# 21
57) 2,4-Dinitrotoluene	9.851	165	17535	7.247	ng	# 26
67) 4-Bromophenyl-phenylether	10.645	248	7197	3.116	ng	# 1

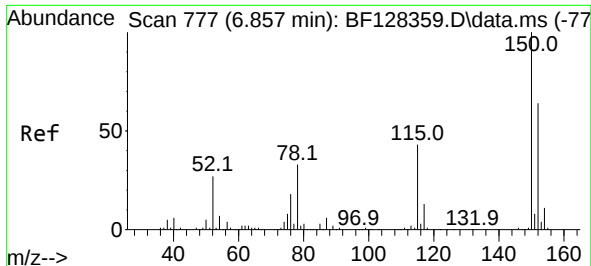
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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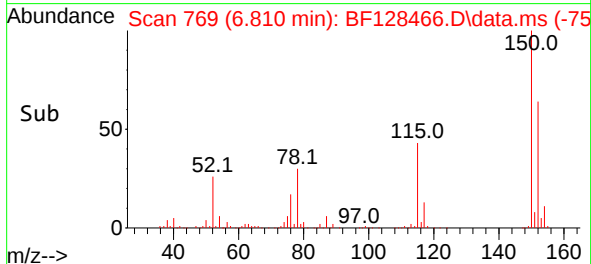
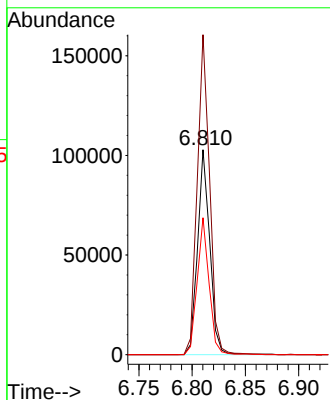
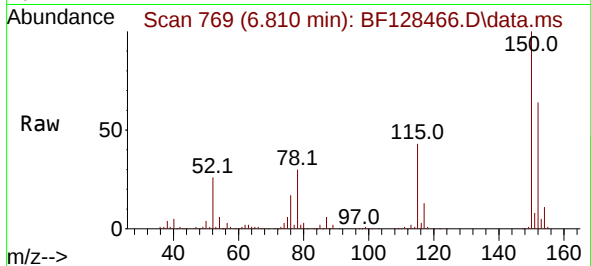




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128466.D
Acq: 25 May 2022 18:21

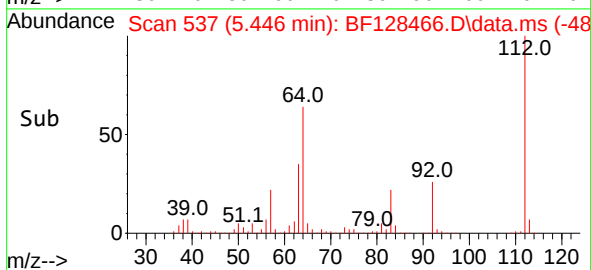
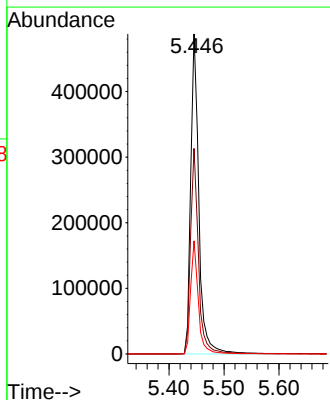
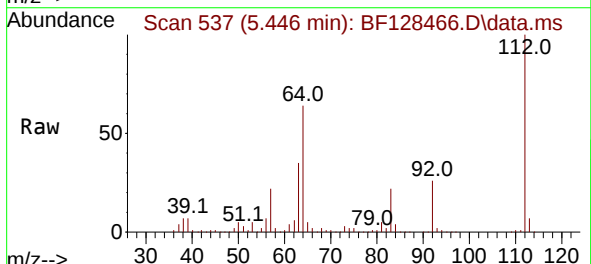
Instrument :
BNA_F
ClientSampleId :
P038-SS001-0612-01

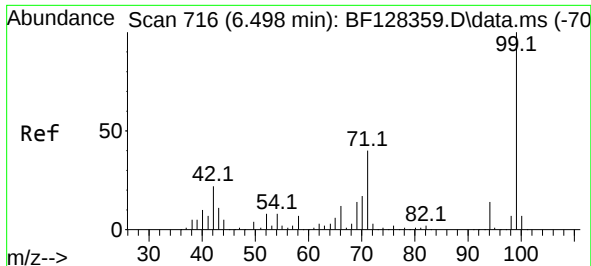
Tgt Ion:152 Resp: 82289
Ion Ratio Lower Upper
152 100
150 156.1 125.3 187.9
115 66.8 48.8 73.2



#5
2-Fluorophenol
Concen: 96.630 ng
RT: 5.446 min Scan# 537
Delta R.T. 0.012 min
Lab File: BF128466.D
Acq: 25 May 2022 18:21

Tgt Ion:112 Resp: 499670
Ion Ratio Lower Upper
112 100
64 64.3 49.5 74.3
63 35.3 26.3 39.5

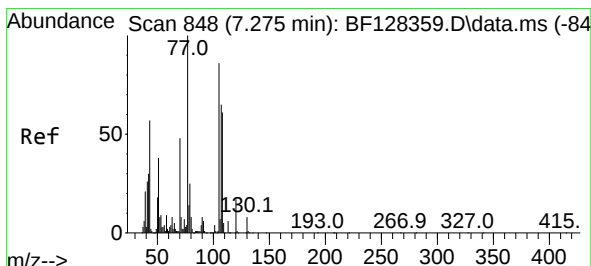
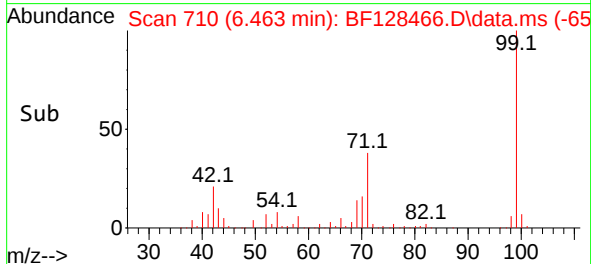
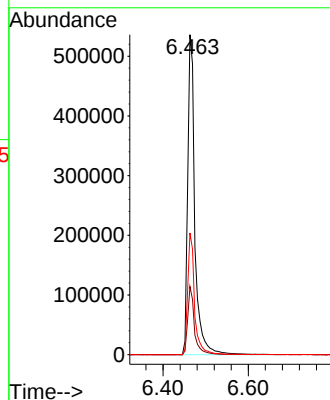
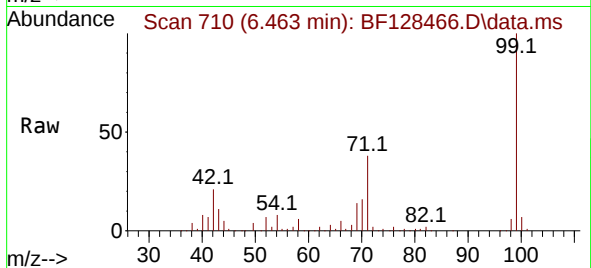




#7
Phenol-d6
Concen: 91.561 ng
RT: 6.463 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128466.D
Acq: 25 May 2022 18:21

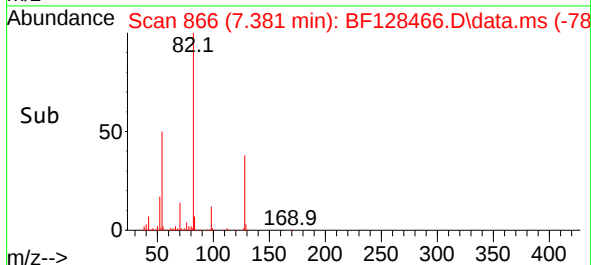
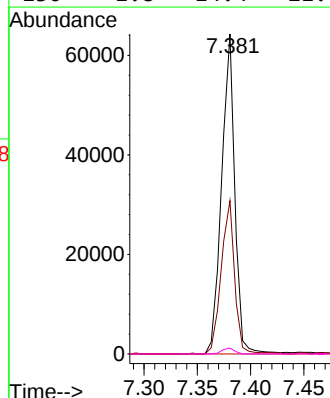
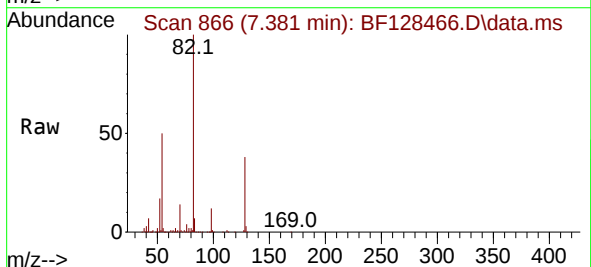
Instrument :
BNA_F
ClientSampleId :
P038-SS001-0612-01

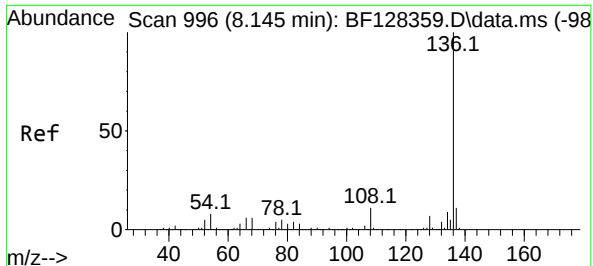
Tgt Ion: 99 Resp: 623442
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 38.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.602 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.153 min
Lab File: BF128466.D
Acq: 25 May 2022 18:21

Tgt Ion: 70 Resp: 55391
Ion Ratio Lower Upper
70 100
42 47.9 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

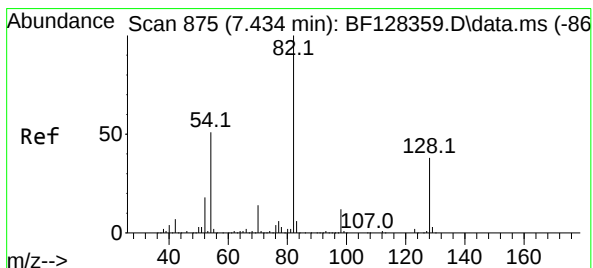
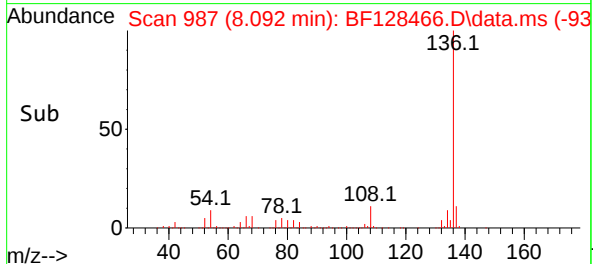
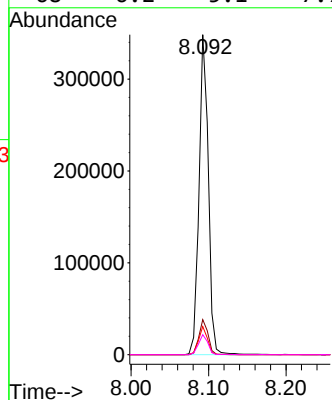
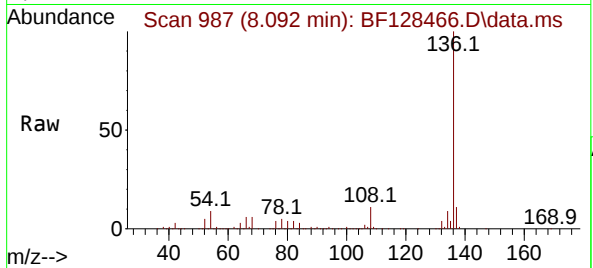




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128466.D
Acq: 25 May 2022 18:21

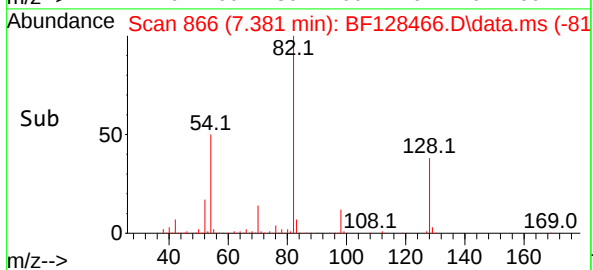
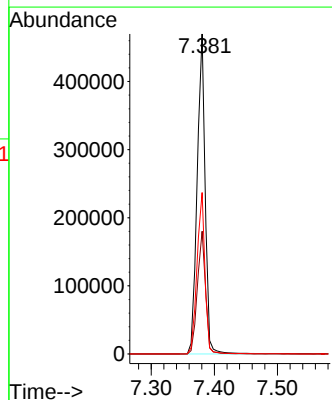
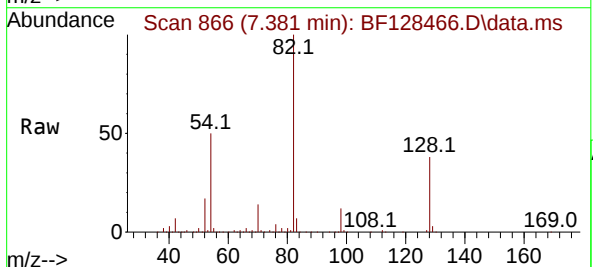
Instrument :
BNA_F
ClientSampleId :
P038-SS001-0612-01

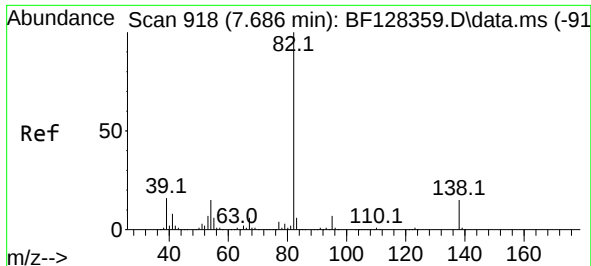
Tgt Ion:	136	Resp:	289998
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	8.8	6.8	10.2
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 63.980 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF128466.D
Acq: 25 May 2022 18:21

Tgt Ion:	82	Resp:	414104
Ion Ratio	Lower	Upper	
82	100		
128	38.3	30.0	45.0
54	50.4	41.3	61.9

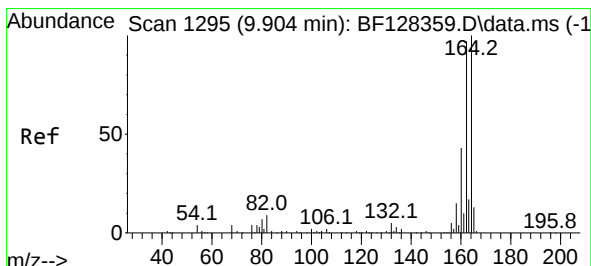
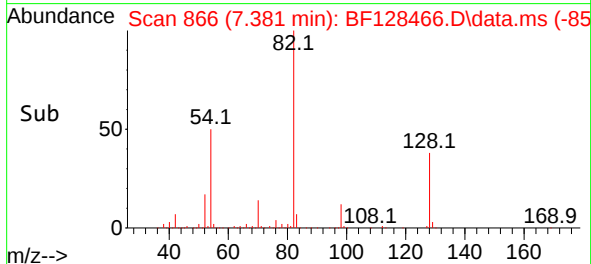
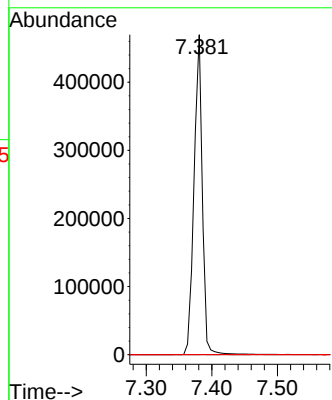
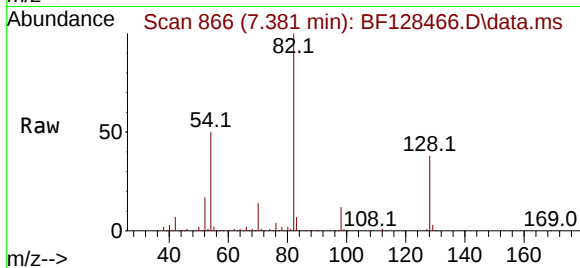




#25
Isophorone
Concen: 41.749 ng
RT: 7.381 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128466.D
Acq: 25 May 2022 18:21

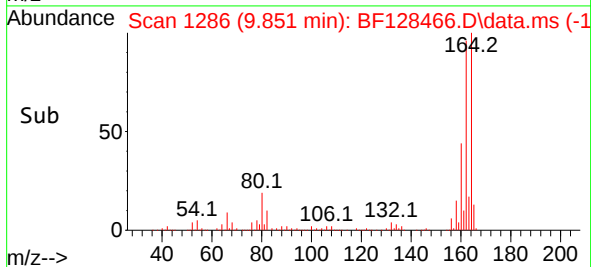
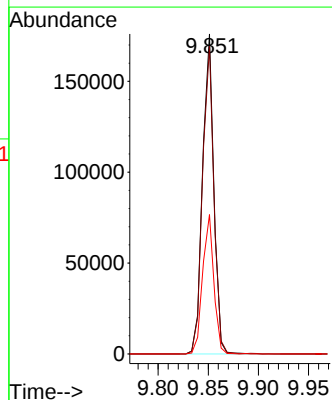
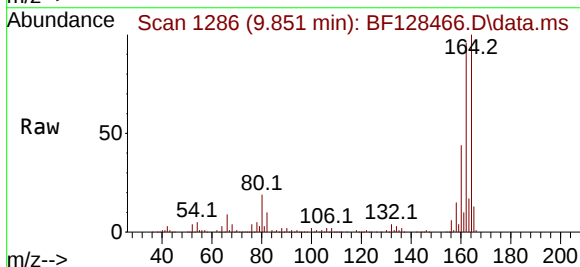
Instrument :
BNA_F
ClientSampleId :
P038-SS001-0612-01

Tgt Ion: 82 Resp: 414101
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: BF128466.D
Acq: 25 May 2022 18:21

Tgt Ion: 164 Resp: 137848
Ion Ratio Lower Upper
164 100
162 96.1 76.0 114.0
160 43.6 34.8 52.2

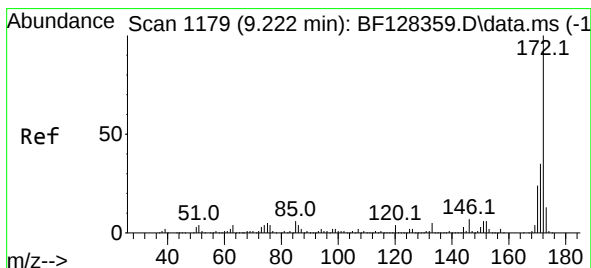
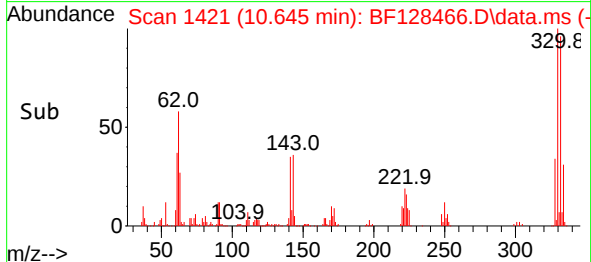
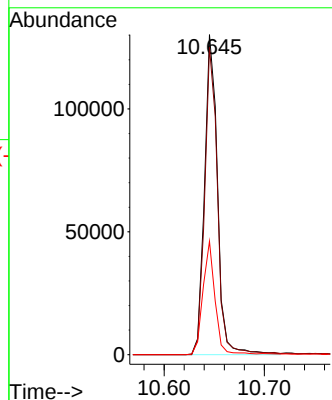
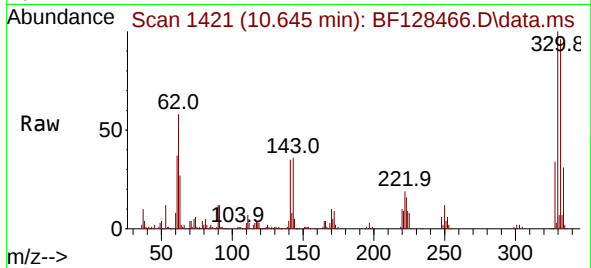




#42
2,4,6-Tribromophenol
Concen: 82.951 ng
RT: 10.645 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF128466.D
Acq: 25 May 2022 18:21

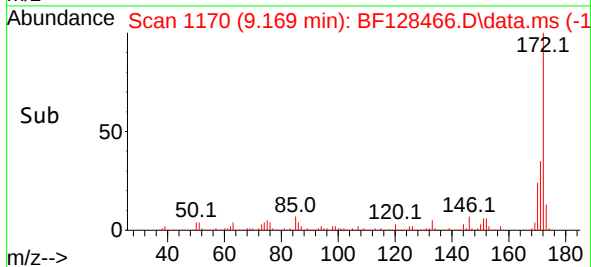
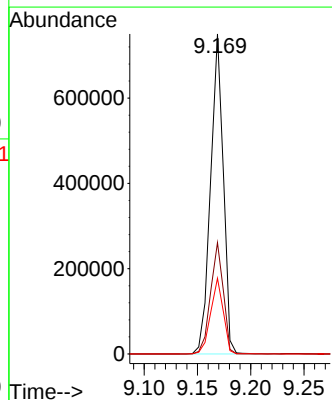
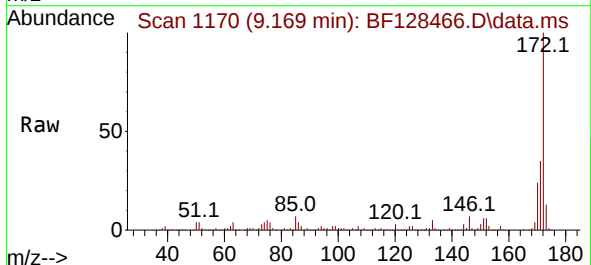
Instrument :
BNA_F
ClientSampleId :
P038-SS001-0612-01

Tgt Ion:330 Resp: 117925
Ion Ratio Lower Upper
330 100
332 95.3 79.0 118.4
141 34.2 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 74.364 ng
RT: 9.169 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF128466.D
Acq: 25 May 2022 18:21

Tgt Ion:172 Resp: 626840
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.131 ng

RT: 9.851 min Scan# 1286

Delta R.T. 0.206 min

Lab File: BF128466.D

Acq: 25 May 2022 18:21

Instrument :

BNA_F

ClientSampleId :

P038-SS001-0612-01

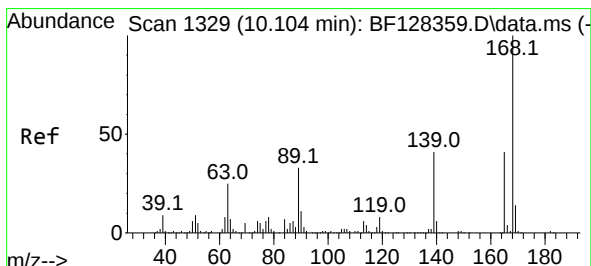
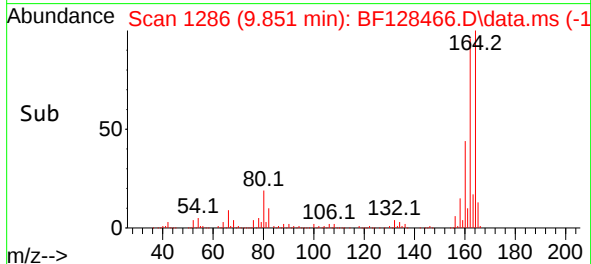
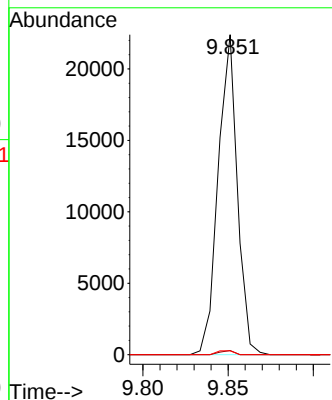
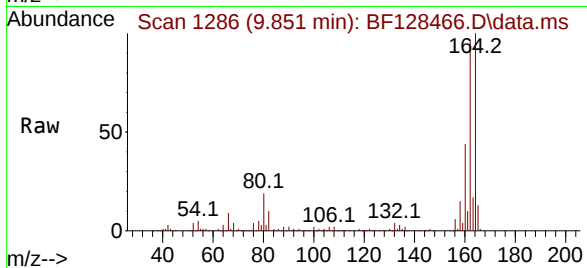
Tgt Ion:165 Resp: 17535

Ion Ratio Lower Upper

165 100

63 1.3 49.5 74.3#

89 1.2 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.247 ng

RT: 9.851 min Scan# 1286

Delta R.T. -0.200 min

Lab File: BF128466.D

Acq: 25 May 2022 18:21

Tgt Ion:165 Resp: 17535

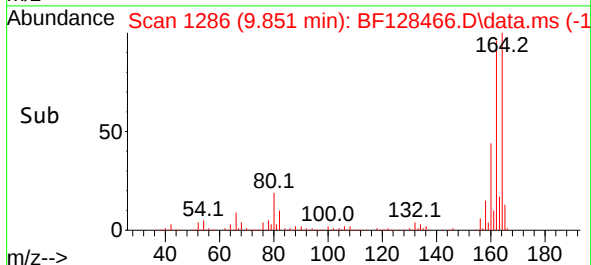
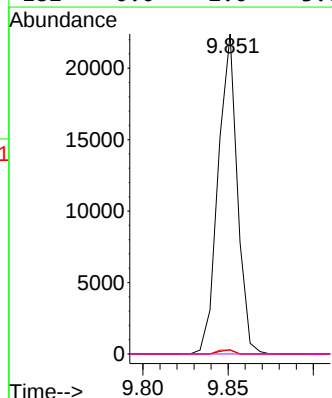
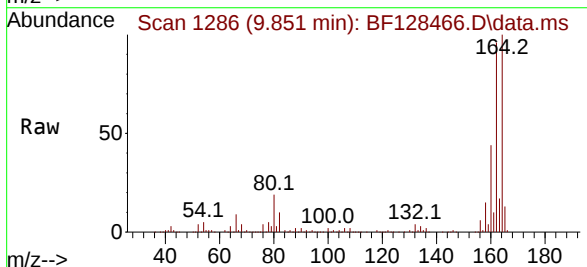
Ion Ratio Lower Upper

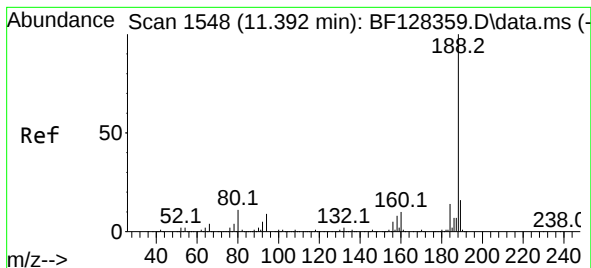
165 100

63 1.3 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: 11.345 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF128466.D

Acq: 25 May 2022 18:21

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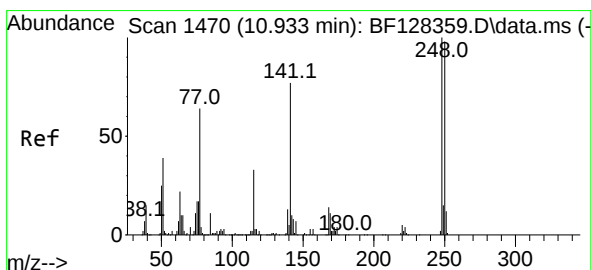
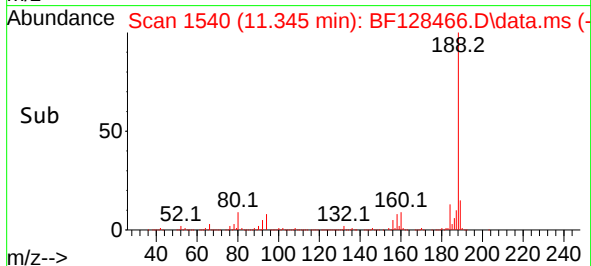
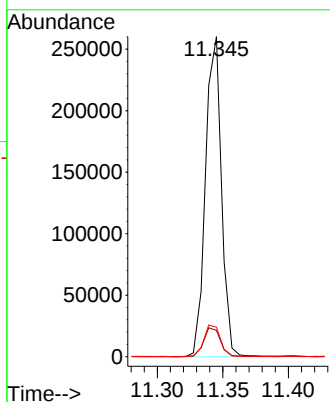
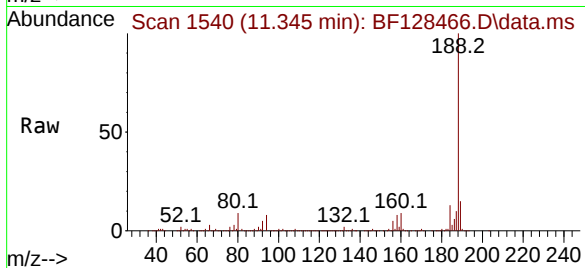
Tgt Ion:188 Resp: 220719

Ion Ratio Lower Upper

188 100

94 8.2 8.0 12.0

80 9.2 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.116 ng

RT: 10.645 min Scan# 1421

Delta R.T. -0.235 min

Lab File: BF128466.D

Acq: 25 May 2022 18:21

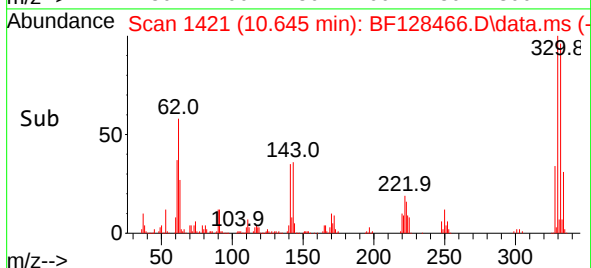
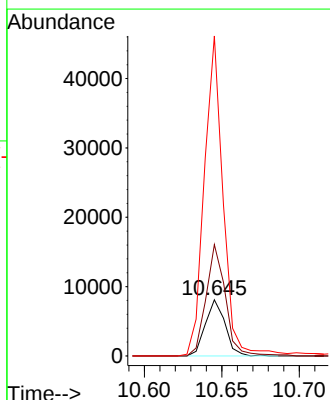
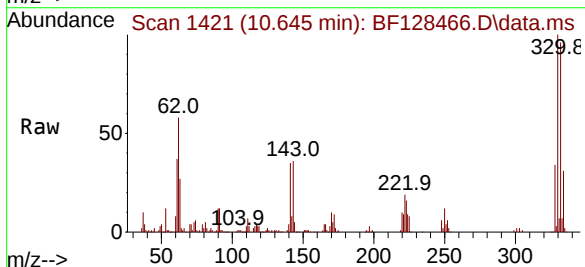
Tgt Ion:248 Resp: 7197

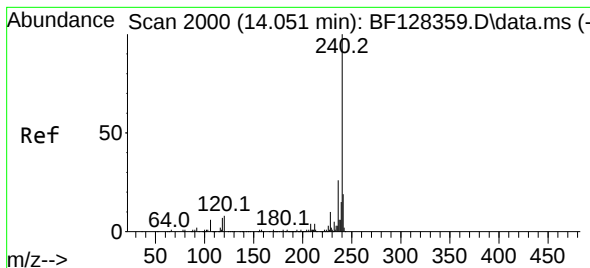
Ion Ratio Lower Upper

248 100

250 198.3 77.7 116.5#

141 569.7 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128466.D

Acq: 25 May 2022 18:21

Instrument :

BNA_F

ClientSampleId :

P038-SS001-0612-01

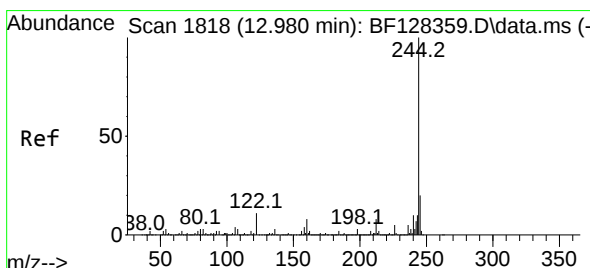
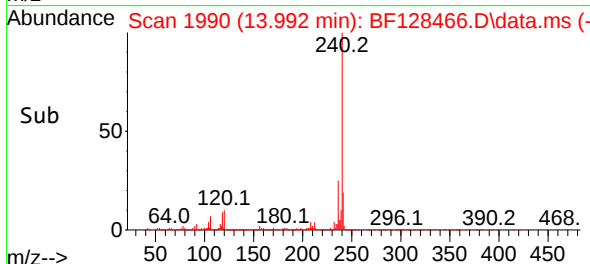
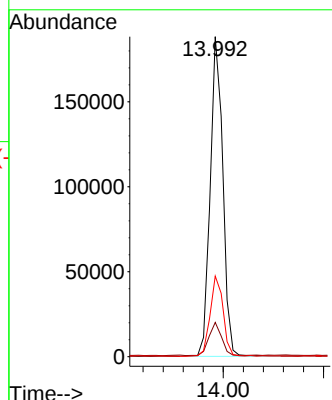
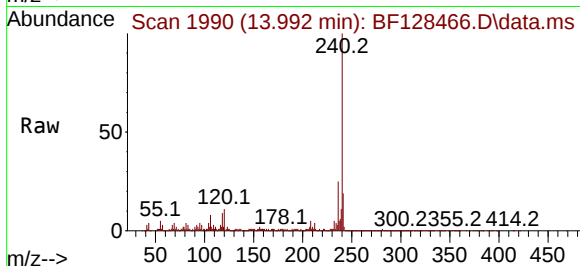
Tgt Ion:240 Resp: 164917

Ion Ratio Lower Upper

240 100

120 10.7 7.0 10.6#

236 25.2 20.3 30.5



#79

Terphenyl-d14

Concen: 67.523 ng

RT: 12.927 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF128466.D

Acq: 25 May 2022 18:21

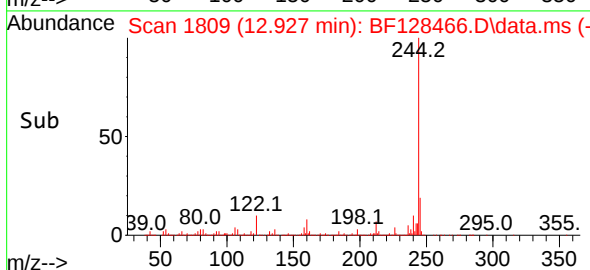
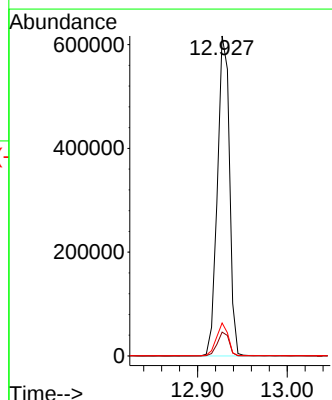
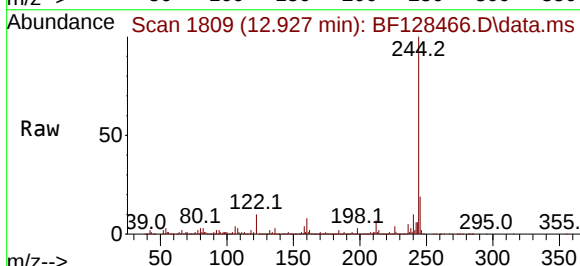
Tgt Ion:244 Resp: 576854

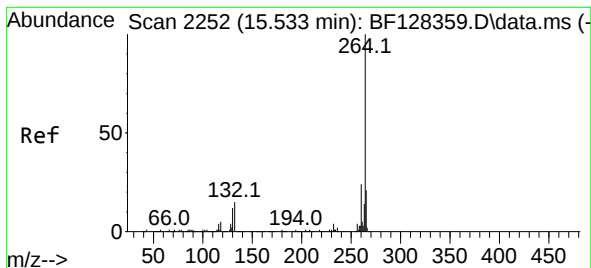
Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 10.3 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF128466.D

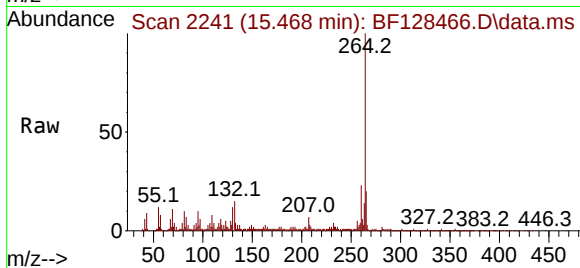
Acq: 25 May 2022 18:21

Instrument :

BNA_F

ClientSampleId :

P038-SS001-0612-01



Tgt Ion:264 Resp: 124858

Ion Ratio Lower Upper

264 100

260 23.4 20.1 30.1

265 20.2 17.5 26.3

