

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128462.D
 Acq On : 25 May 2022 16:25
 Operator : CG\JU
 Sample : N2896-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P040-SS001-1824-01

Quant Time: May 26 01:01:04 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)

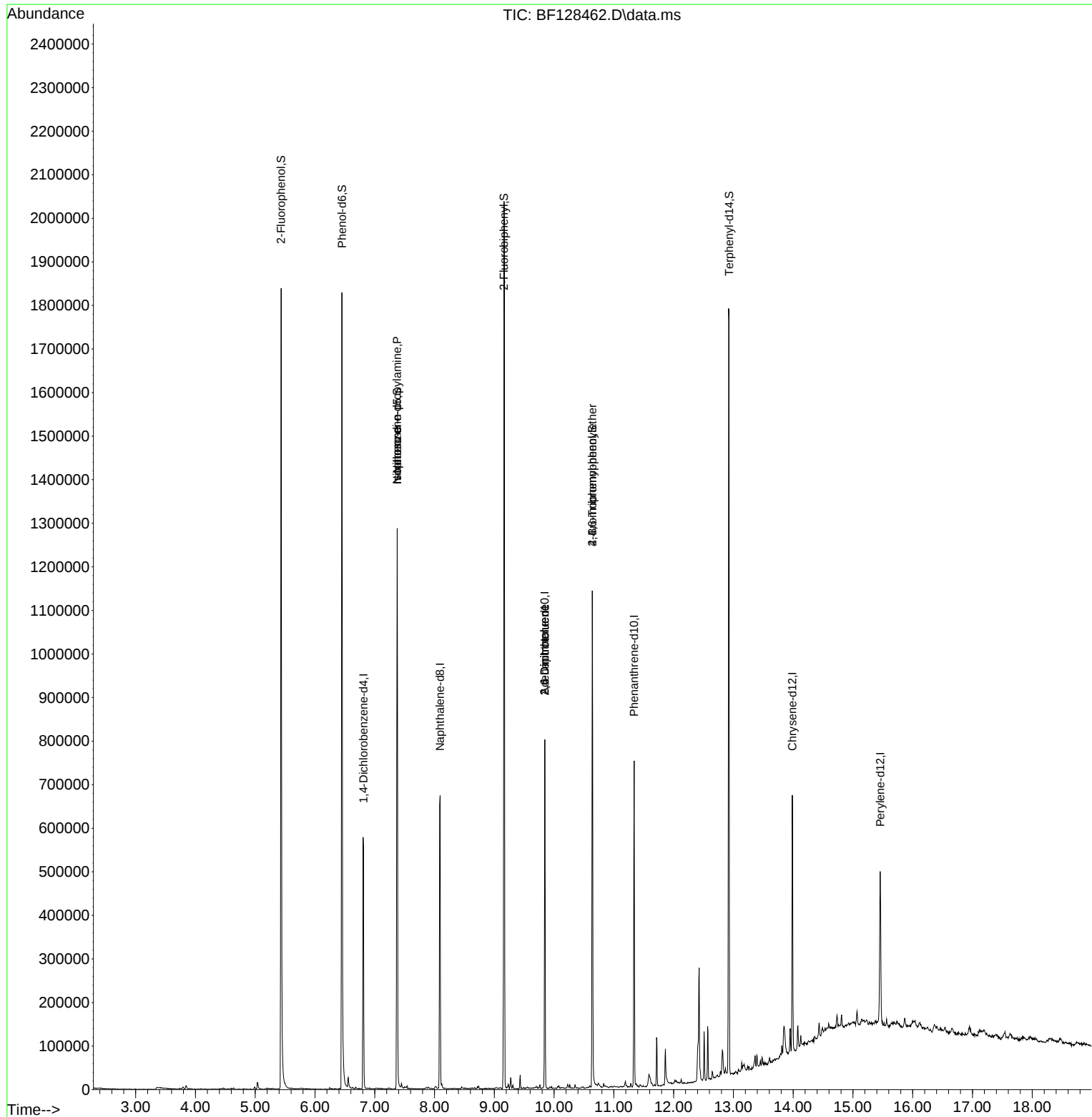
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	87423	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	306237	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	152331	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	256293	20.000	ng	0.00
76) Chrysene-d12	13.986	240	202265	20.000	ng	0.00
86) Perylene-d12	15.457	264	157626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	490991	89.376	ng	0.00
7) Phenol-d6	6.451	99	609433	84.247	ng	0.00
23) Nitrobenzene-d5	7.375	82	418444	61.222	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	132990	84.654	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	638852	68.583	ng	0.00
79) Terphenyl-d14	12.927	244	630528	60.178	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.416	77	54	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.375	70	55663	12.866	ng	# 78
25) Isophorone	7.375	82	418493	39.955	ng	# 68
51) 2,6-Dinitrotoluene	9.845	165	19099	9.000	ng	# 21
57) 2,4-Dinitrotoluene	9.845	165	19099	7.143	ng	# 26
67) 4-Bromophenyl-phenylether	10.639	248	7861	2.931	ng	# 1

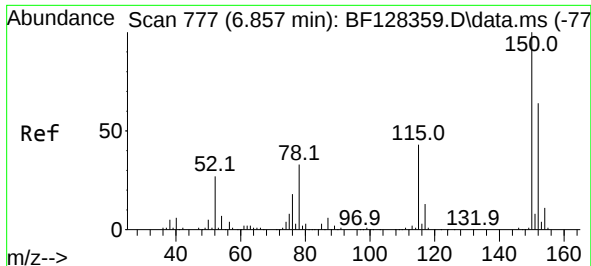
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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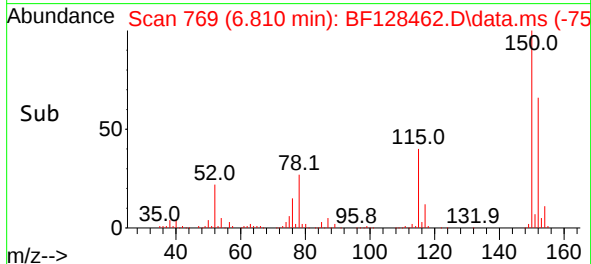
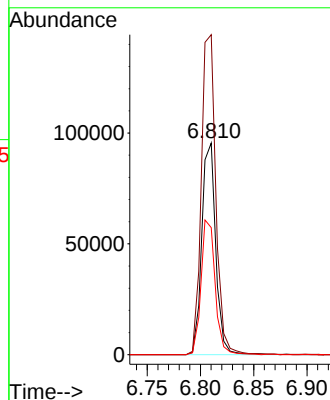
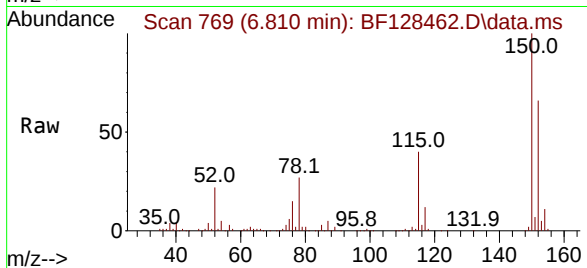




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128462.D
Acq: 25 May 2022 16:25

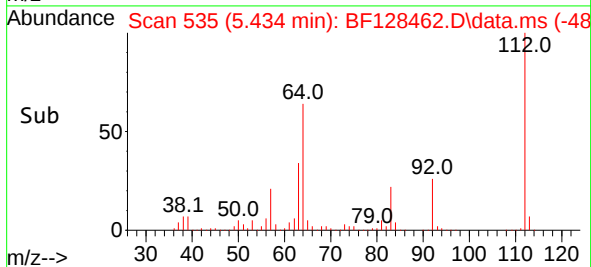
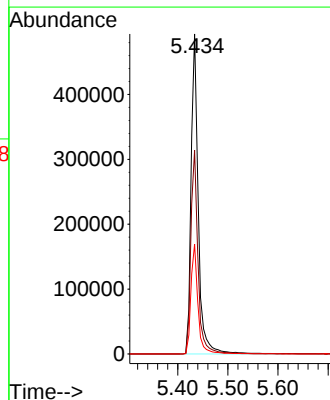
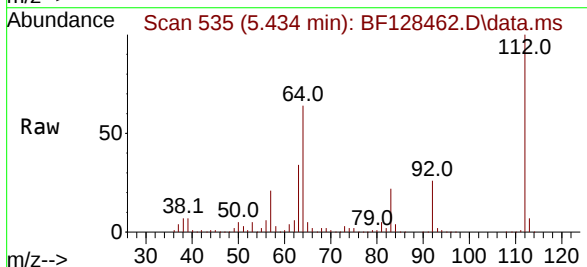
Instrument :
BNA_F
ClientSampleId :
P040-SS001-1824-01

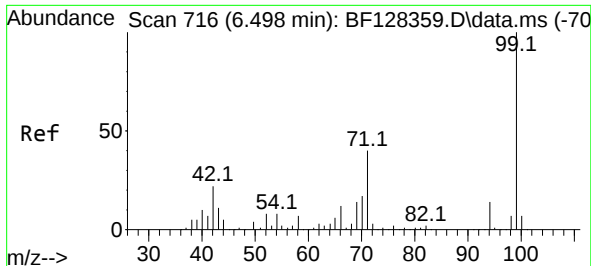
Tgt Ion:152 Resp: 87423
Ion Ratio Lower Upper
152 100
150 151.2 125.3 187.9
115 60.0 48.8 73.2



#5
2-Fluorophenol
Concen: 89.376 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.000 min
Lab File: BF128462.D
Acq: 25 May 2022 16:25

Tgt Ion:112 Resp: 490991
Ion Ratio Lower Upper
112 100
64 63.7 49.5 74.3
63 34.4 26.3 39.5

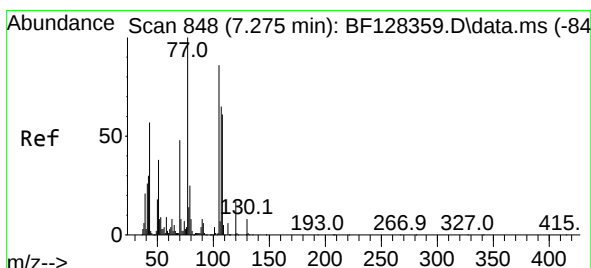
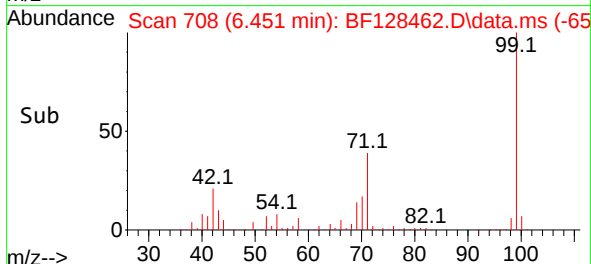
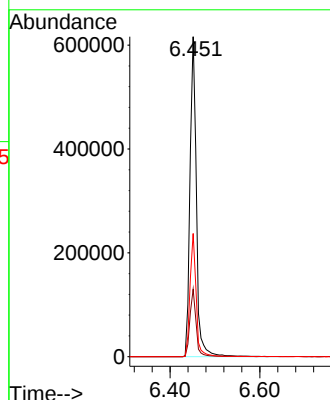
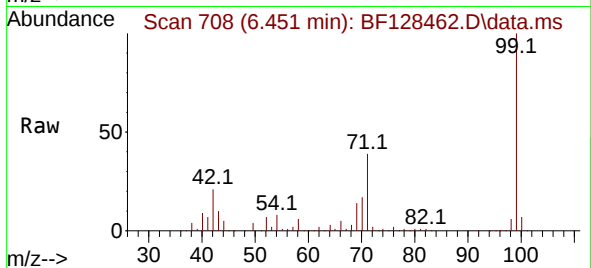




#7
Phenol-d6
Concen: 84.247 ng
RT: 6.451 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128462.D
Acq: 25 May 2022 16:25

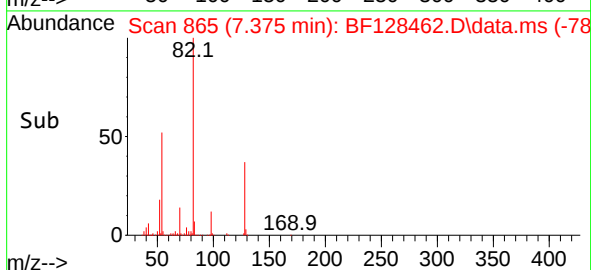
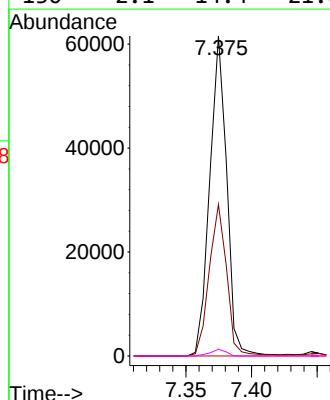
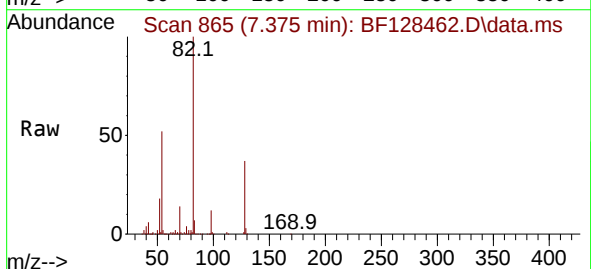
Instrument :
BNA_F
ClientSampleId :
P040-SS001-1824-01

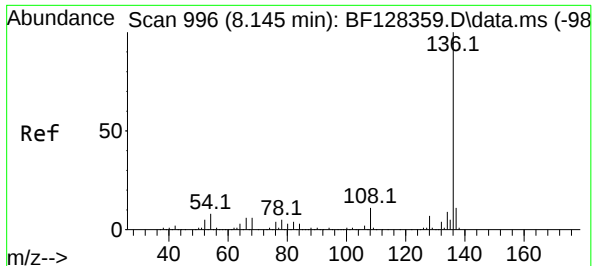
Tgt Ion: 99 Resp: 609433
Ion Ratio Lower Upper
99 100
42 21.1 16.6 24.8
71 38.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.866 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128462.D
Acq: 25 May 2022 16:25

Tgt Ion: 70 Resp: 55663
Ion Ratio Lower Upper
70 100
42 47.4 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: BF128462.D

Acq: 25 May 2022 16:25

Instrument :

BNA_F

ClientSampleId :

P040-SS001-1824-01

Tgt Ion:136 Resp: 306237

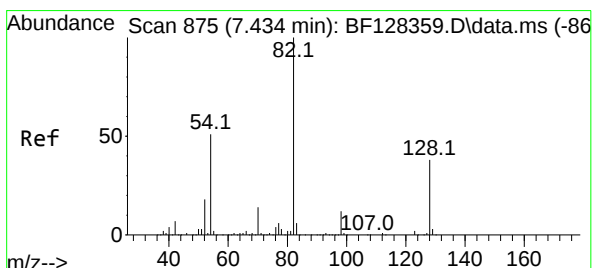
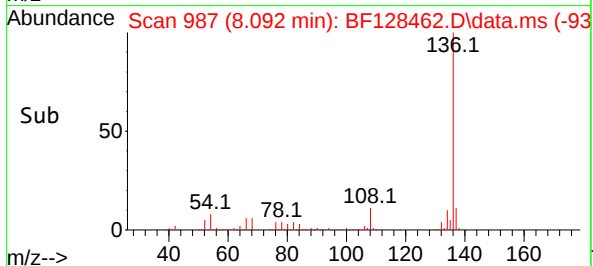
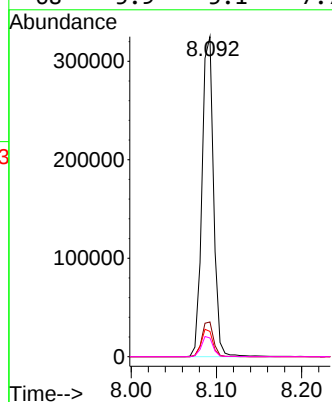
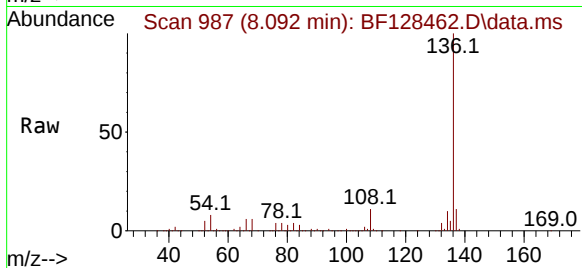
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.9 6.8 10.2

68 5.9 5.1 7.7



#23

Nitrobenzene-d5

Concen: 61.222 ng

RT: 7.375 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF128462.D

Acq: 25 May 2022 16:25

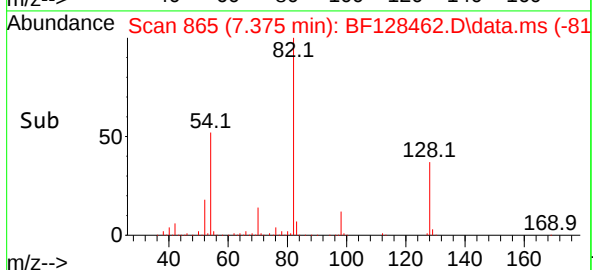
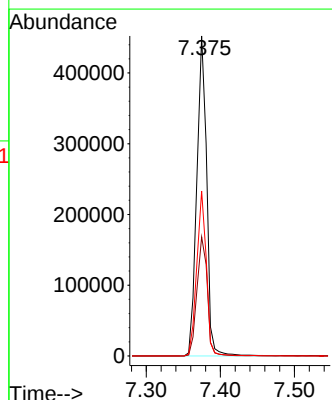
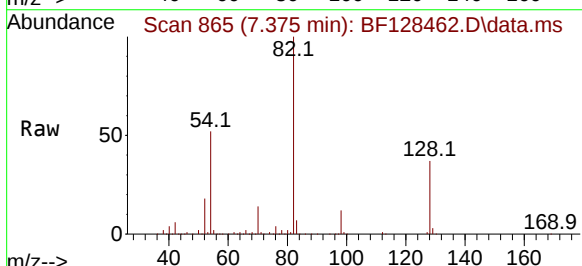
Tgt Ion: 82 Resp: 418444

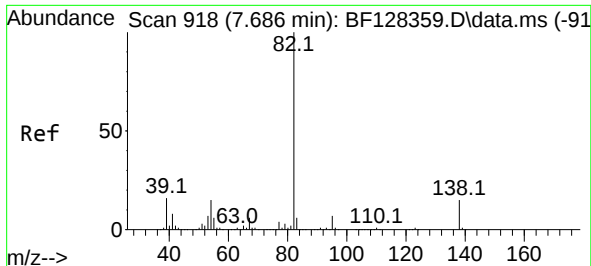
Ion Ratio Lower Upper

82 100

128 37.2 30.0 45.0

54 51.6 41.3 61.9

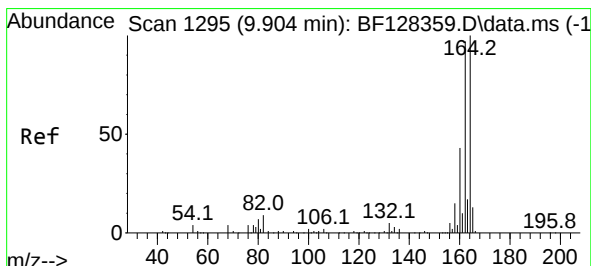
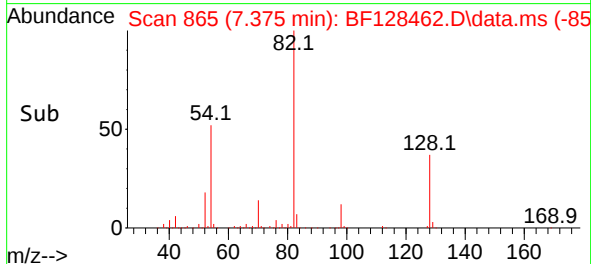
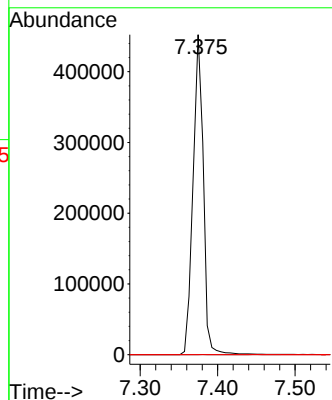
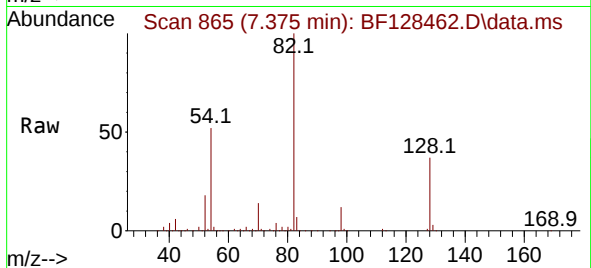




#25
Isophorone
Concen: 39.955 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128462.D
Acq: 25 May 2022 16:25

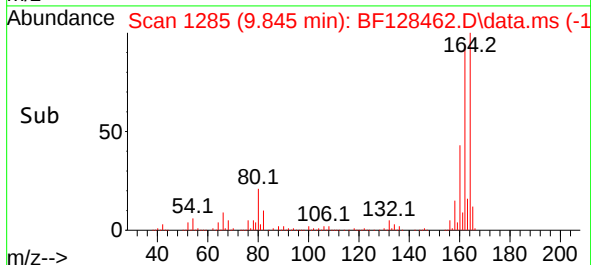
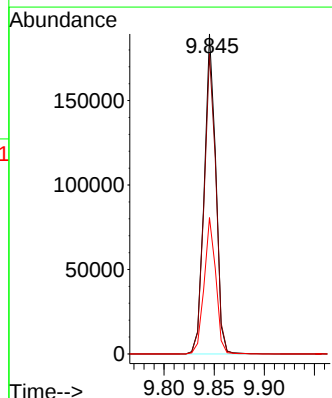
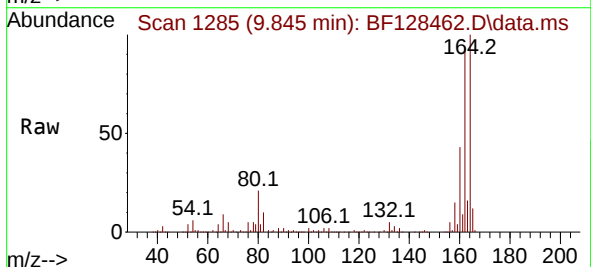
Instrument :
BNA_F
ClientSampleId :
P040-SS001-1824-01

Tgt Ion: 82 Resp: 418493
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: BF128462.D
Acq: 25 May 2022 16:25

Tgt Ion: 164 Resp: 152331
Ion Ratio Lower Upper
164 100
162 93.9 76.0 114.0
160 42.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 84.654 ng

RT: 10.639 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128462.D

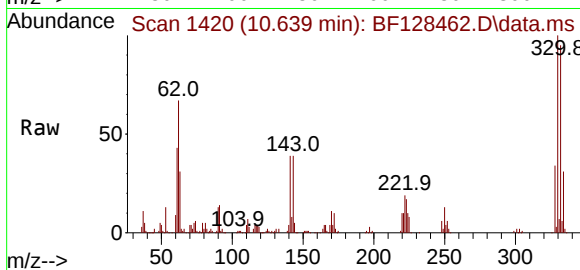
Acq: 25 May 2022 16:25

Instrument :

BNA_F

ClientSampleId :

P040-SS001-1824-01



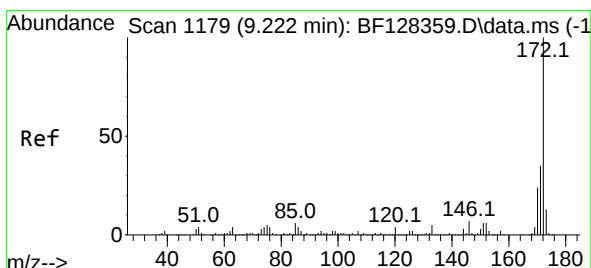
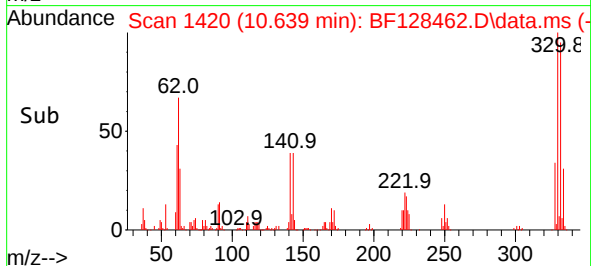
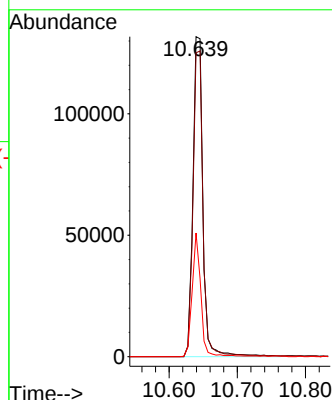
Tgt Ion:330 Resp: 132990

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 68.583 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF128462.D

Acq: 25 May 2022 16:25

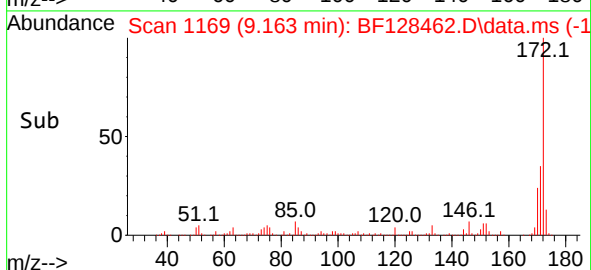
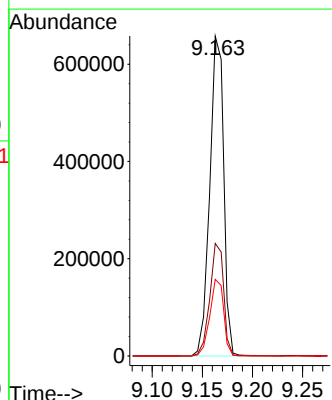
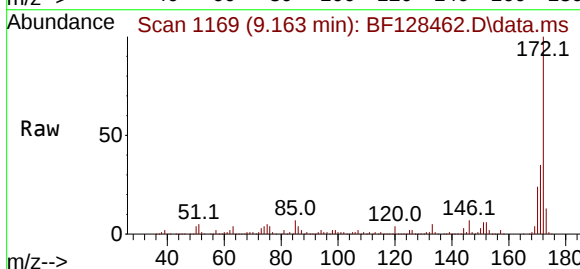
Tgt Ion:172 Resp: 638852

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 24.0 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.000 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF128462.D

Acq: 25 May 2022 16:25

Instrument :

BNA_F

ClientSampleId :

P040-SS001-1824-01

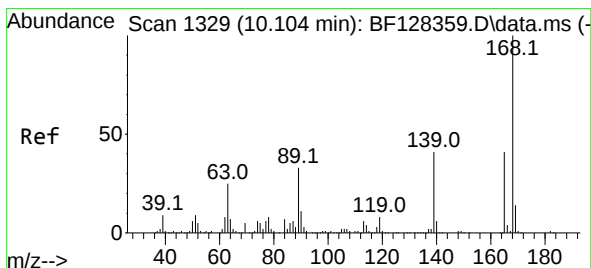
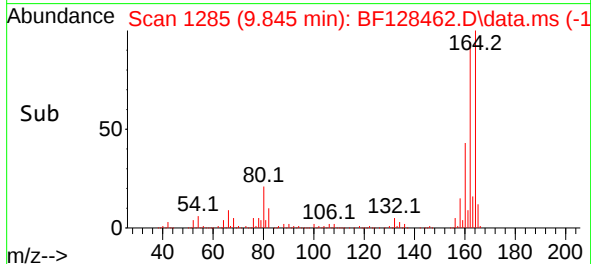
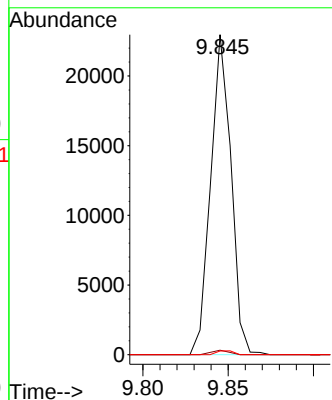
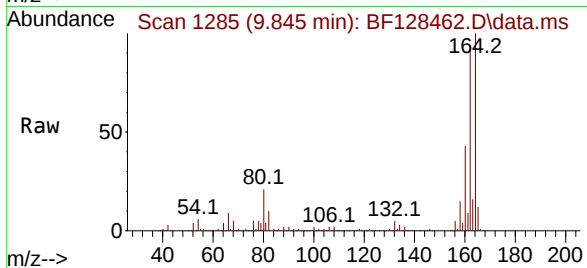
Tgt Ion:165 Resp: 19099

Ion Ratio Lower Upper

165 100

63 1.4 49.5 74.3#

89 1.1 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.143 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.206 min

Lab File: BF128462.D

Acq: 25 May 2022 16:25

Tgt Ion:165 Resp: 19099

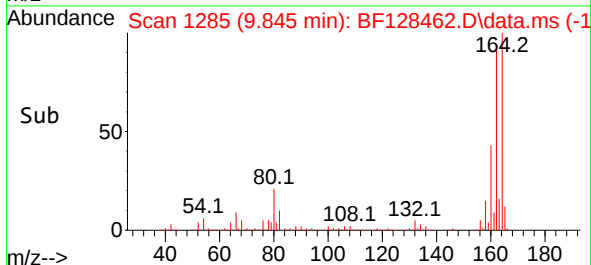
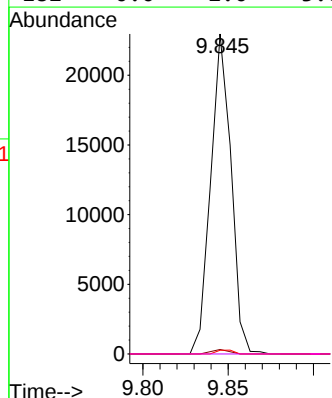
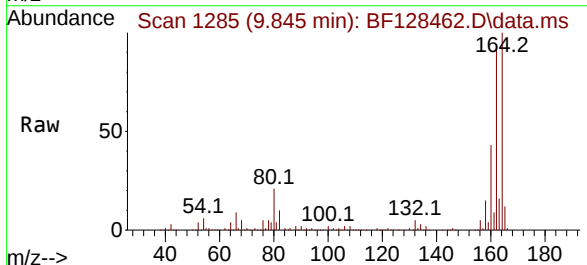
Ion Ratio Lower Upper

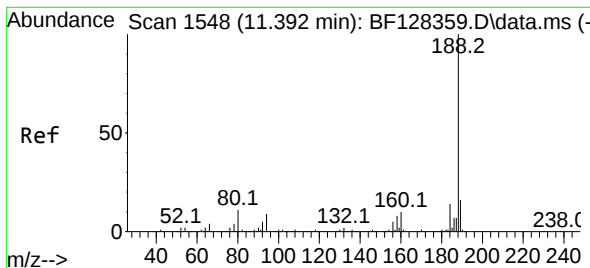
165 100

63 1.4 32.6 49.0#

89 1.1 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: BF128462.D

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Instrument :

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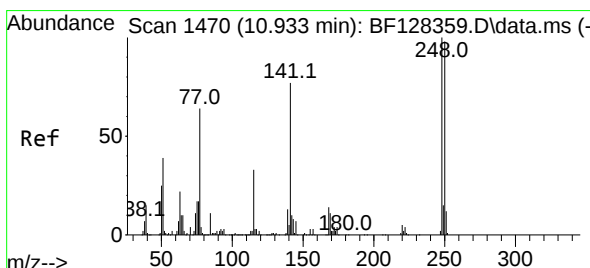
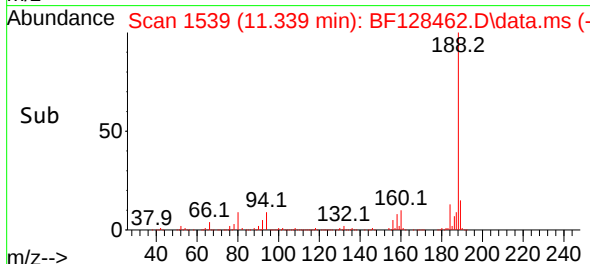
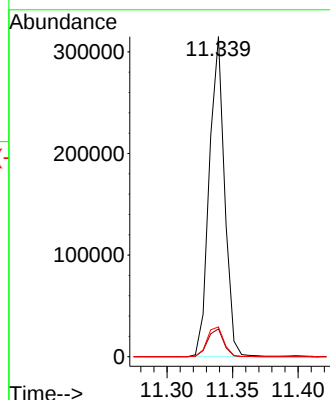
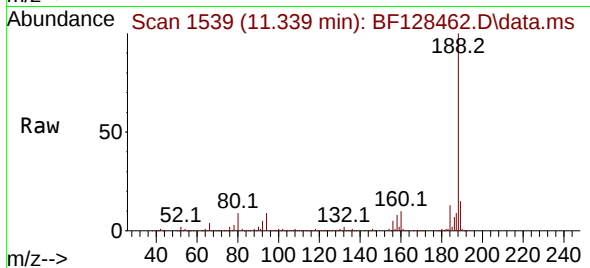
Tgt Ion:188 Resp: 256293

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

80 9.3 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 2.931 ng

RT: 10.639 min Scan# 1420

Delta R.T. -0.241 min

Lab File: BF128462.D

Acq: 25 May 2022 16:25

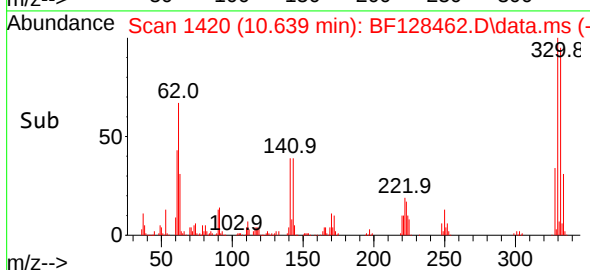
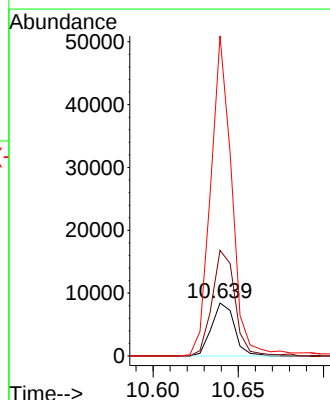
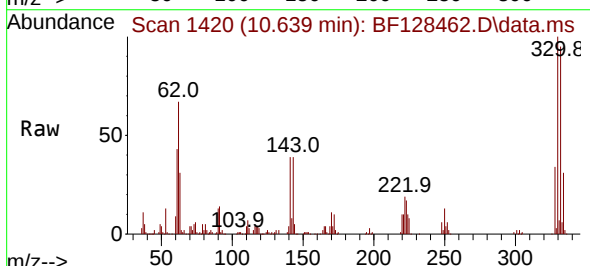
Tgt Ion:248 Resp: 7861

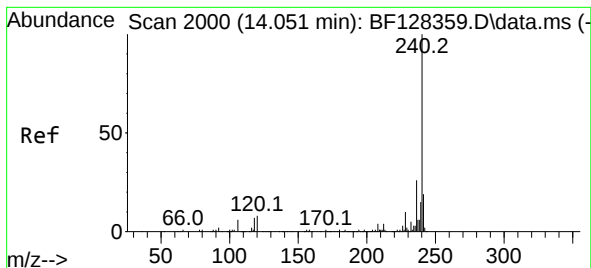
Ion Ratio Lower Upper

248 100

250 199.1 77.7 116.5#

141 603.7 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF128462.D

Acq: 25 May 2022 16:25

Instrument :

BNA_F

ClientSampleId :

P040-SS001-1824-01

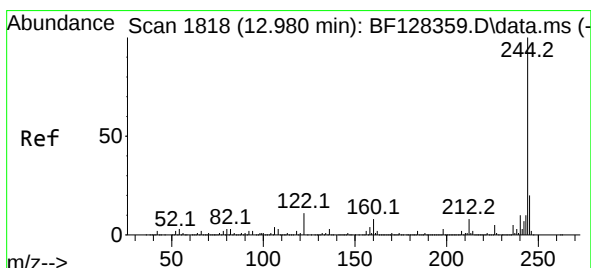
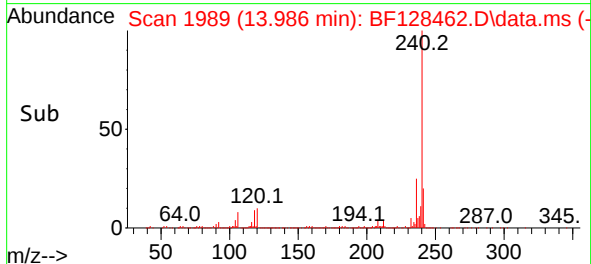
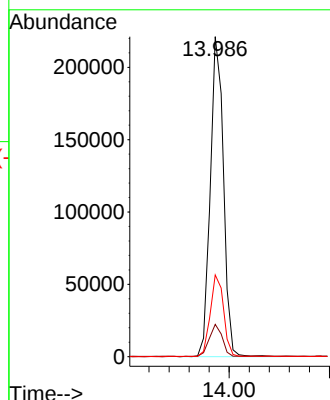
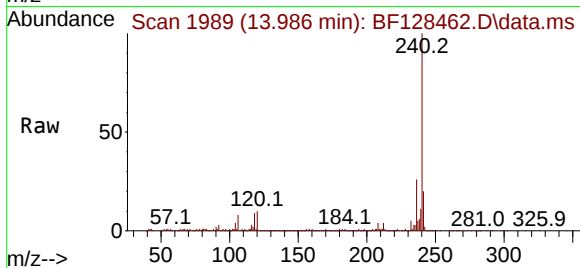
Tgt Ion:240 Resp: 202265

Ion Ratio Lower Upper

240 100

120 10.1 7.0 10.6

236 25.6 20.3 30.5



#79

Terphenyl-d14

Concen: 60.178 ng

RT: 12.927 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF128462.D

Acq: 25 May 2022 16:25

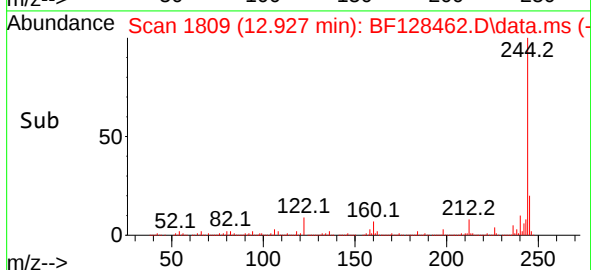
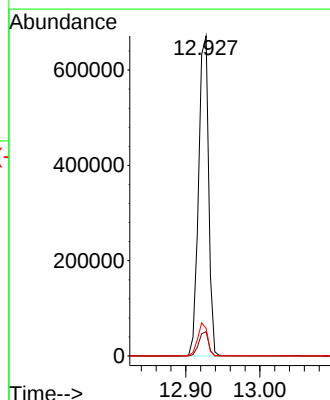
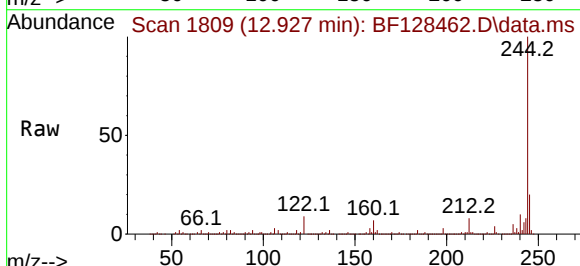
Tgt Ion:244 Resp: 630528

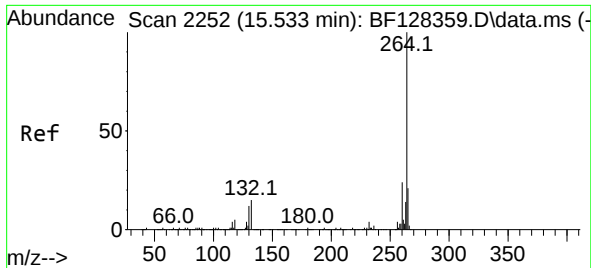
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

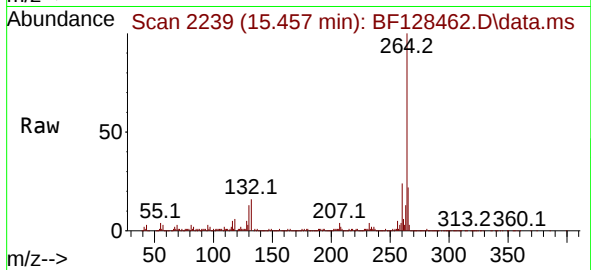
122 8.6 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF128462.D
Acq: 25 May 2022 16:25

Instrument :
BNA_F
ClientSampleId :
P040-SS001-1824-01



Tgt Ion:264 Resp: 157626

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	21.9	17.5	26.3

