

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
 Data File : BF126584.D
 Acq On : 11 Jan 2022 10:55
 Operator : JU/CG
 Sample : PB141938BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141938BL

Quant Time: Jan 11 14:07:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	85559	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	371682	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	187040	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	317646	20.000	ng	0.00
76) Chrysene-d12	13.939	240	232858	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	175474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	741885	124.521	ng	0.01
7) Phenol-d6	6.410	99	917933	118.954	ng	0.00
23) Nitrobenzene-d5	7.334	82	609474	84.196	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	225468	155.996	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	916834	86.258	ng	0.00
79) Terphenyl-d14	12.892	244	958245	79.955	ng	0.00

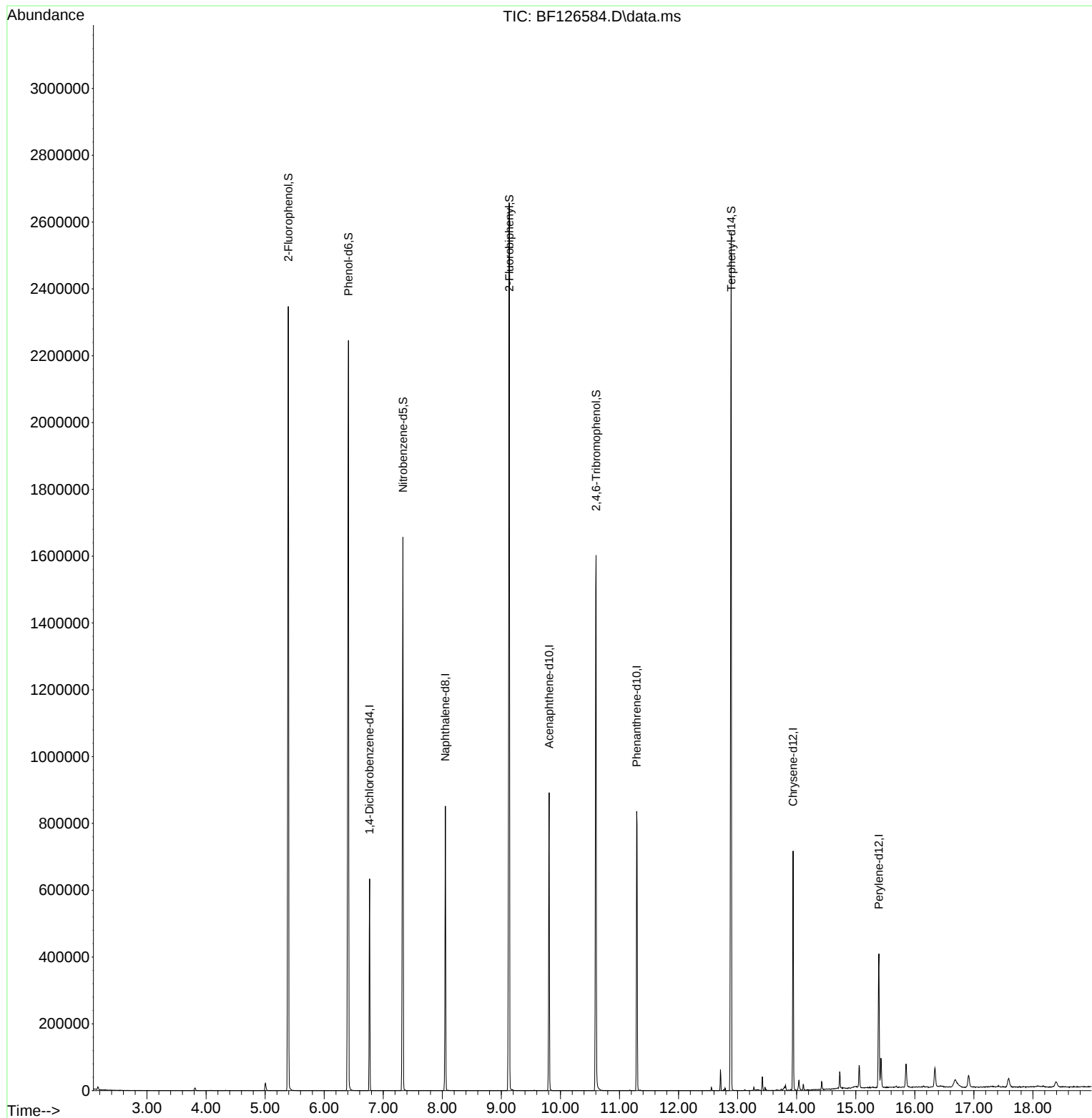
Target Compounds	Qvalue

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

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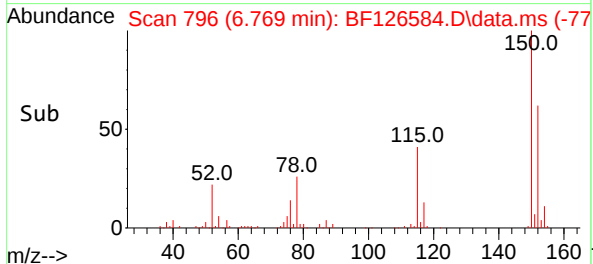
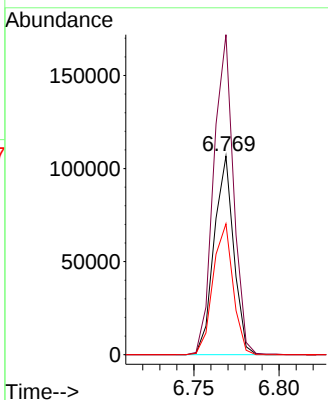
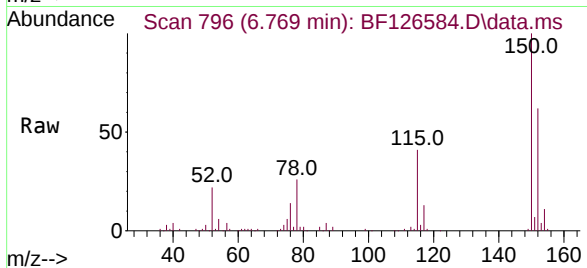




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

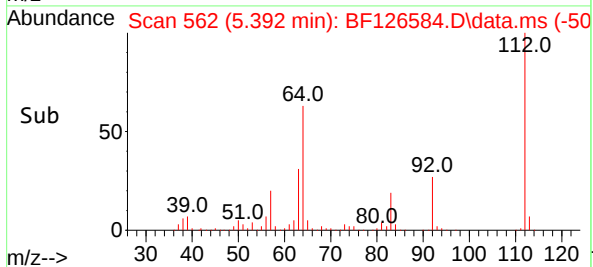
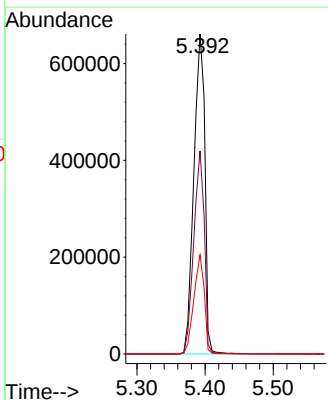
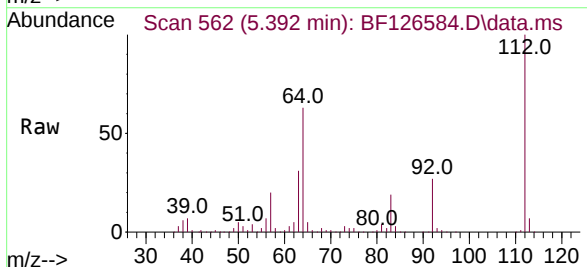
Instrument :
BNA_F
ClientSampleId :
PB141938BL

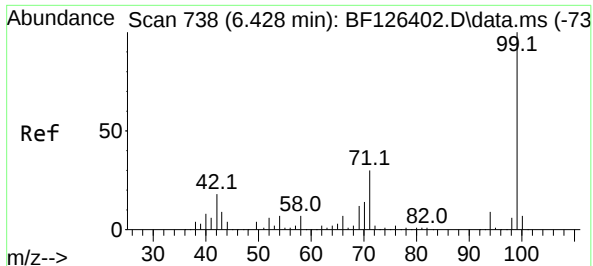
Tgt Ion:152 Resp: 85559
Ion Ratio Lower Upper
152 100
150 161.1 128.1 192.1
115 65.9 56.7 85.1



#5
2-Fluorophenol
Concen: 124.521 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

Tgt Ion:112 Resp: 741885
Ion Ratio Lower Upper
112 100
64 63.5 49.5 74.3
63 30.9 23.9 35.9

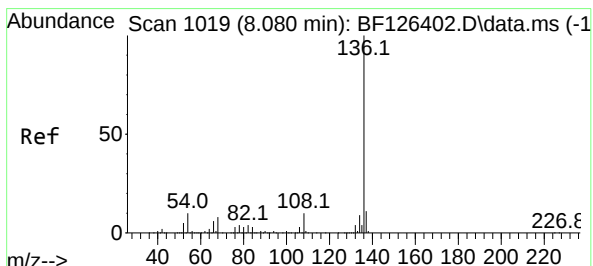
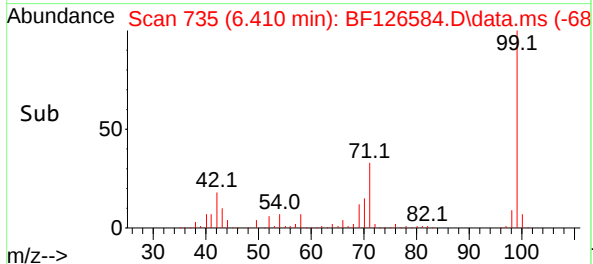
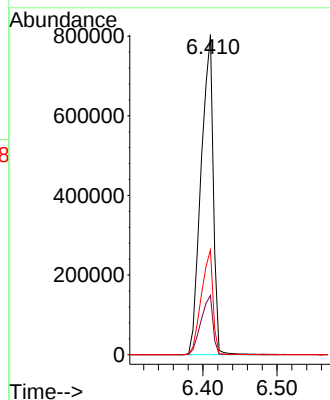
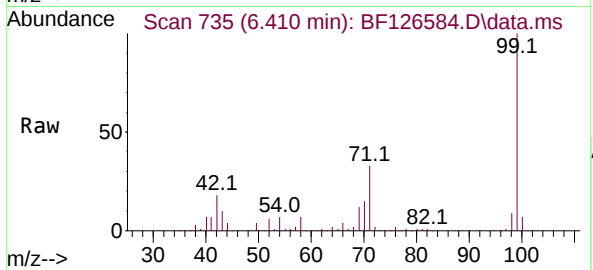




#7
Phenol-d6
Concen: 118.954 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

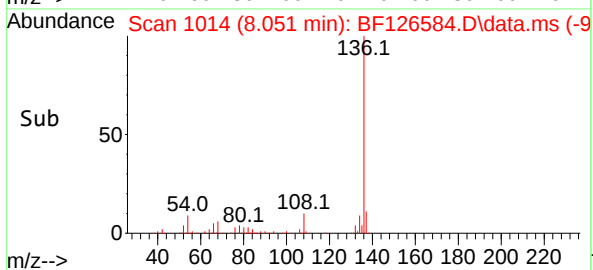
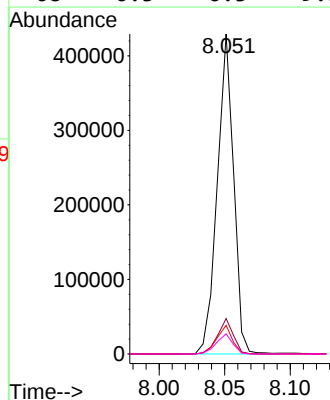
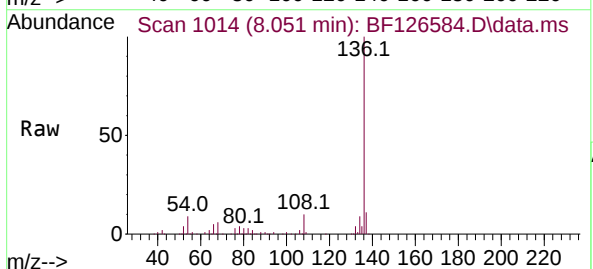
Instrument :
BNA_F
ClientSampleId :
PB141938BL

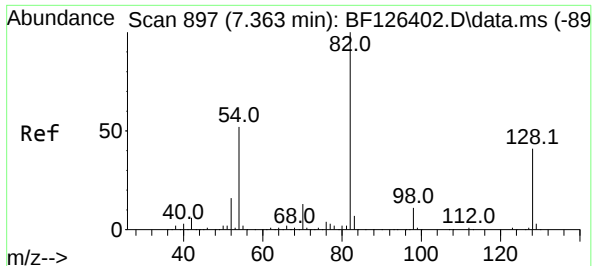
Tgt Ion: 99 Resp: 917933
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 32.7 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

Tgt Ion: 136 Resp: 371682
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.9 7.8 11.6
68 6.3 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 84.196 ng

RT: 7.334 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126584.D

Acq: 11 Jan 2022 10:55

Instrument :

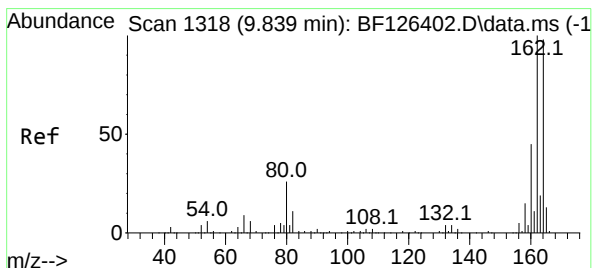
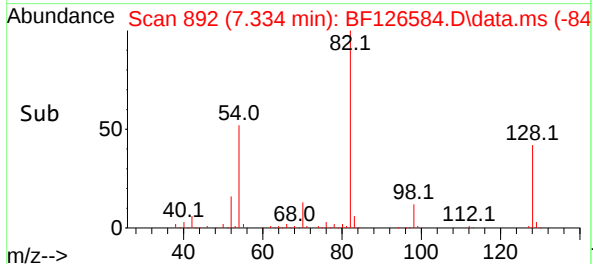
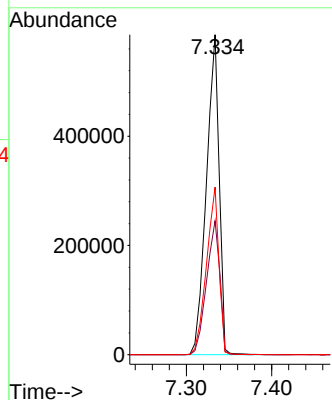
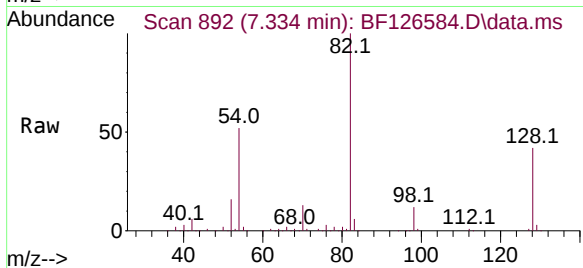
BNA_F

ClientSampleId :

PB141938BL

Tgt Ion: 82 Resp: 609474

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.7	49.1
54	52.4	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

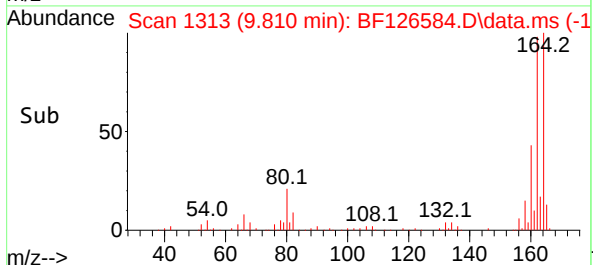
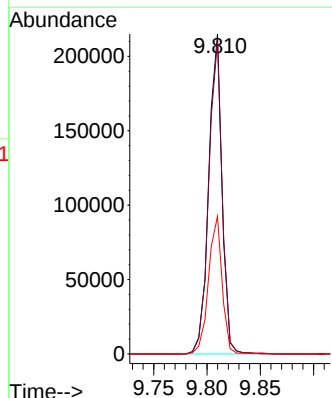
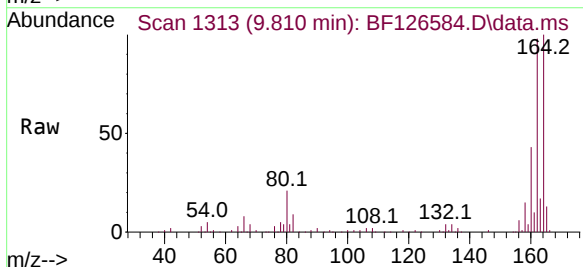
Delta R.T. -0.006 min

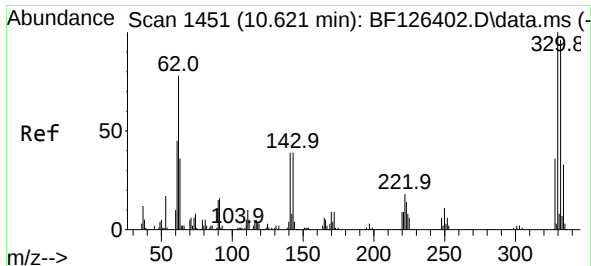
Lab File: BF126584.D

Acq: 11 Jan 2022 10:55

Tgt Ion:164 Resp: 187040

Ion	Ratio	Lower	Upper
164	100		
162	97.7	81.4	122.0
160	43.0	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 155.996 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF126584.D

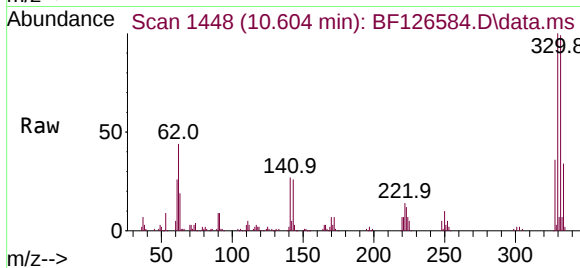
Acq: 11 Jan 2022 10:55

Instrument :

BNA_F

ClientSampleId :

PB141938BL



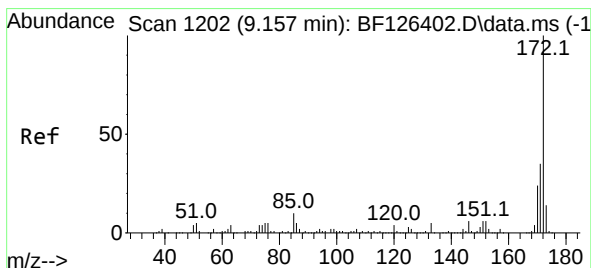
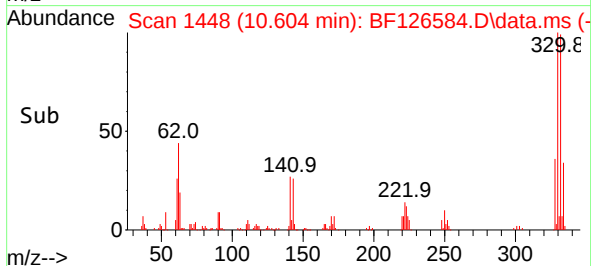
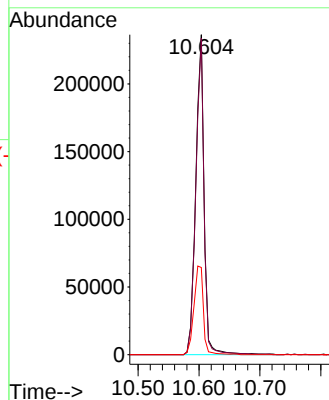
Tgt Ion:330 Resp: 225468

Ion Ratio Lower Upper

330 100

332 97.3 76.0 114.0

141 31.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 86.258 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126584.D

Acq: 11 Jan 2022 10:55

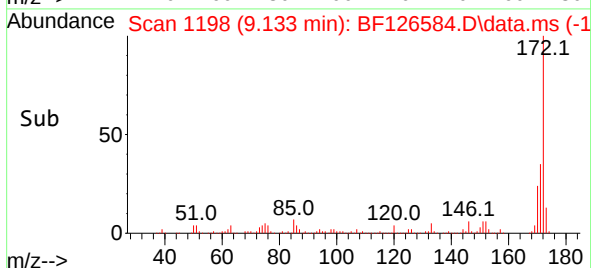
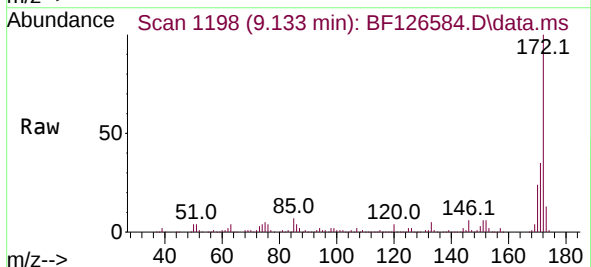
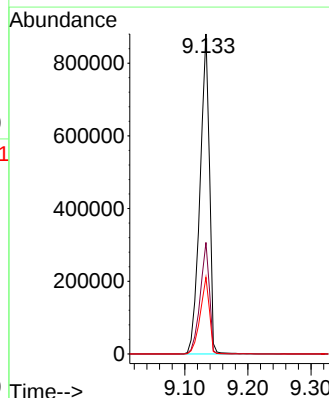
Tgt Ion:172 Resp: 916834

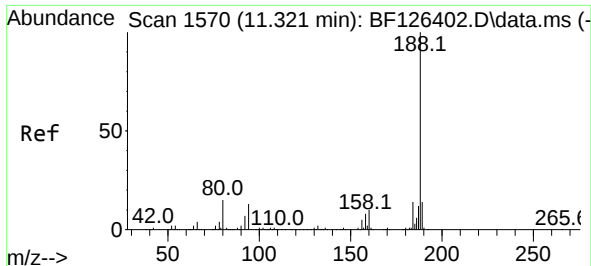
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.9 19.0 28.6

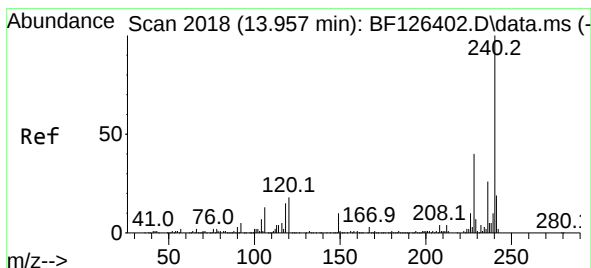
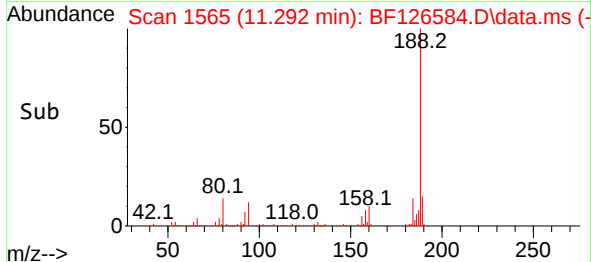
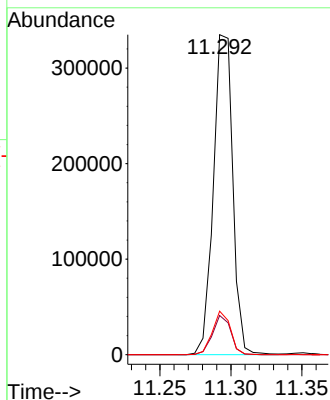
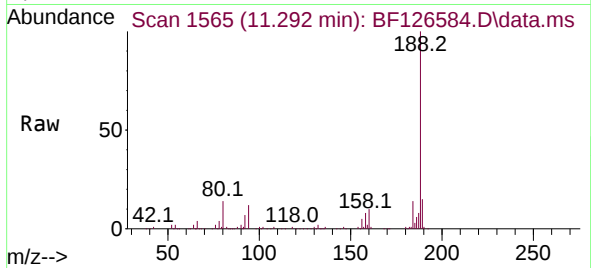




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

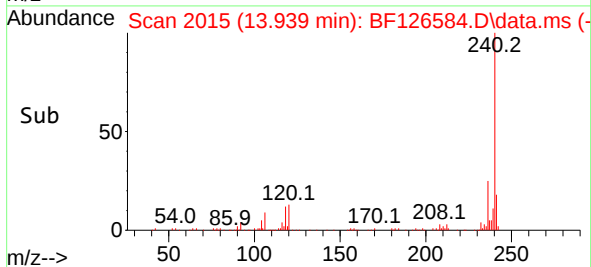
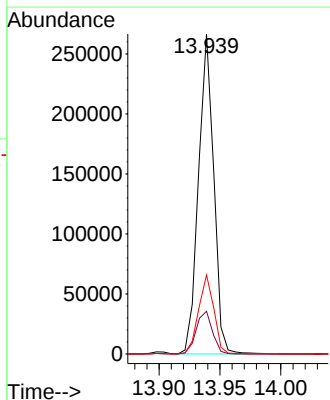
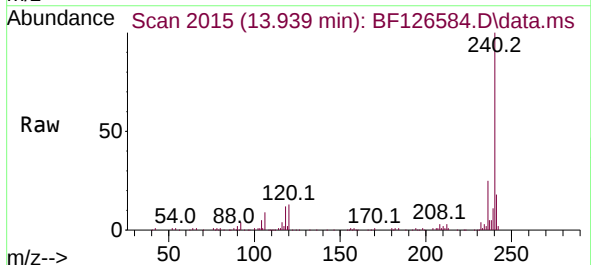
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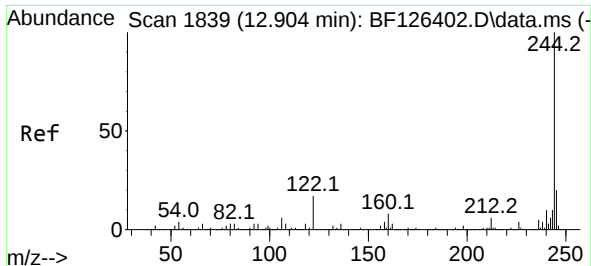
Tgt Ion:188 Resp: 317646
Ion Ratio Lower Upper
188 100
94 12.3 10.1 15.1
80 13.6 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

Tgt Ion:240 Resp: 232858
Ion Ratio Lower Upper
240 100
120 13.4 14.4 21.6#
236 24.7 20.5 30.7





#79

Terphenyl-d14

Concen: 79.955 ng

RT: 12.892 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF126584.D

Acq: 11 Jan 2022 10:55

Instrument :

BNA_F

ClientSampleId :

PB141938BL

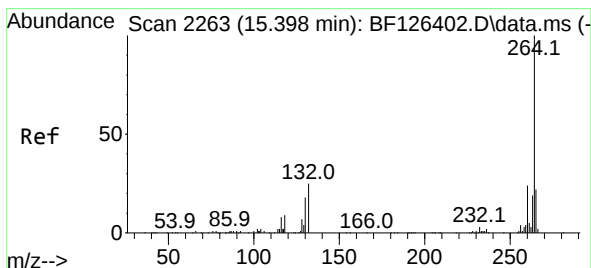
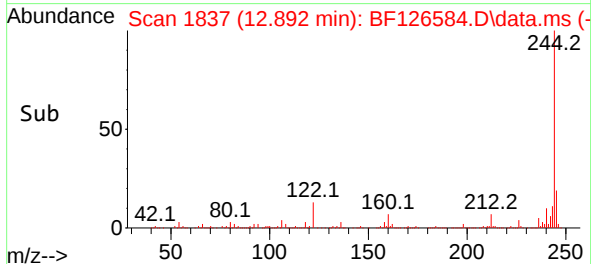
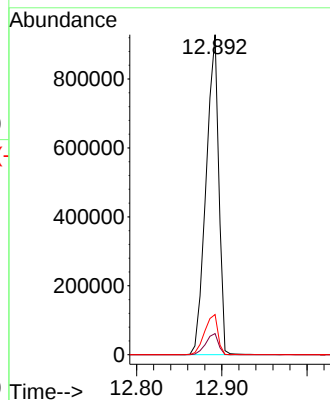
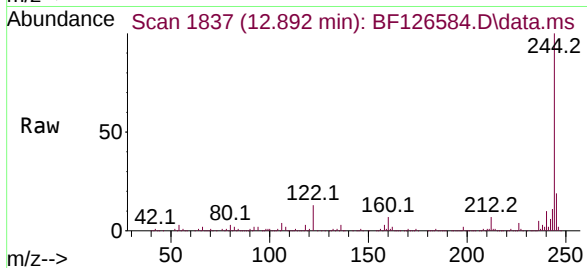
Tgt Ion:244 Resp: 958245

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 12.6 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF126584.D

Acq: 11 Jan 2022 10:55

Tgt Ion:264 Resp: 175474

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.1 17.4 26.2

