

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
 Data File : BF126588.D
 Acq On : 11 Jan 2022 13:26
 Operator : JU/CG
 Sample : N1054-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220014-CAPE-1-COMP

Quant Time: Jan 11 14:09:04 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	91093	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	394186	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	198348	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	326436	20.000	ng	0.00
76) Chrysene-d12	13.939	240	252831	20.000	ng	0.00
86) Perylene-d12	15.404	264	224533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	834398	131.541	ng	0.02
7) Phenol-d6	6.410	99	1075902	130.954	ng	0.00
23) Nitrobenzene-d5	7.334	82	709389	92.404	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	265210	173.032	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1048591	93.030	ng	0.00
79) Terphenyl-d14	12.892	244	985777	75.754	ng	0.00

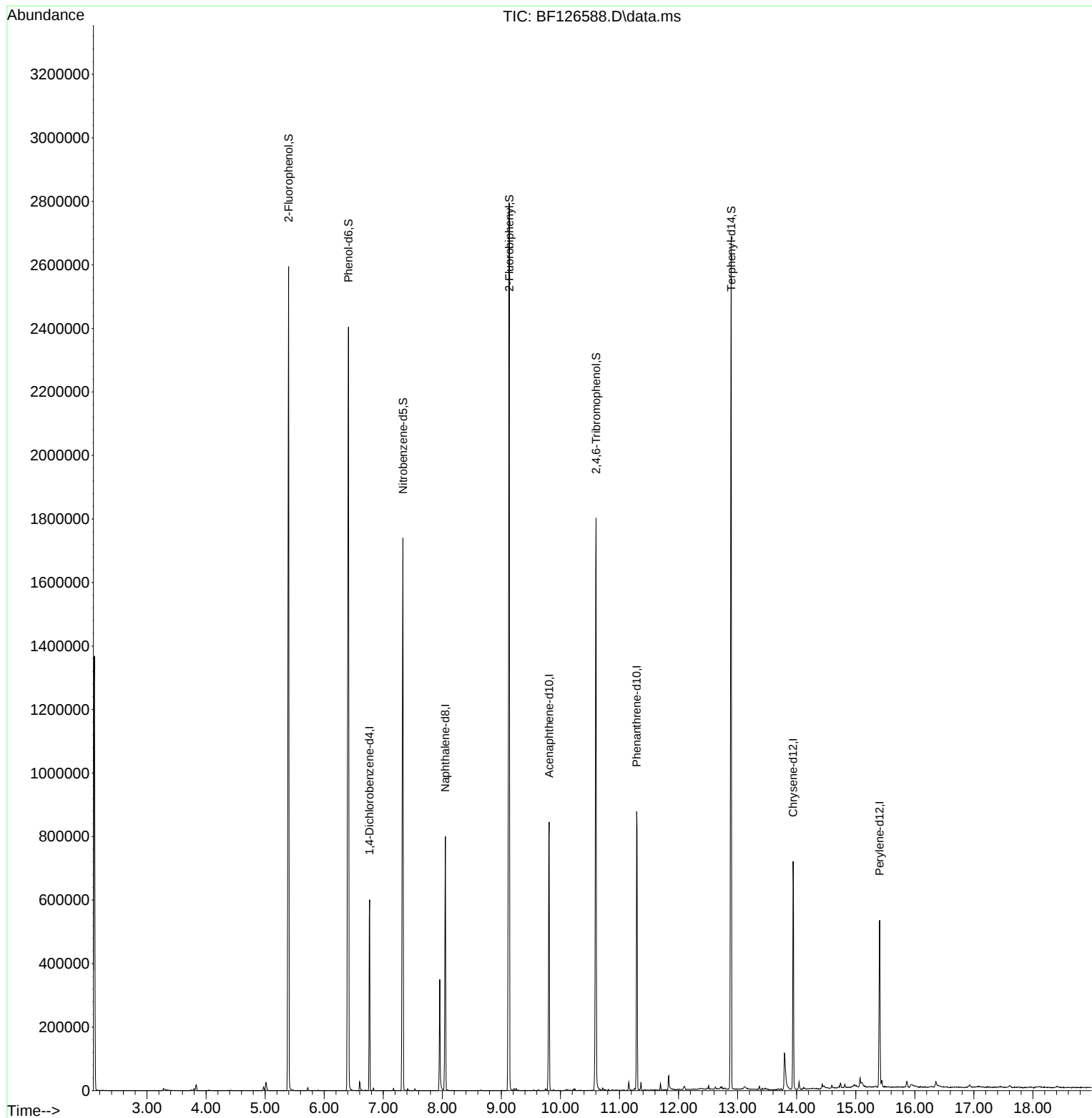
Target Compounds	Qvalue

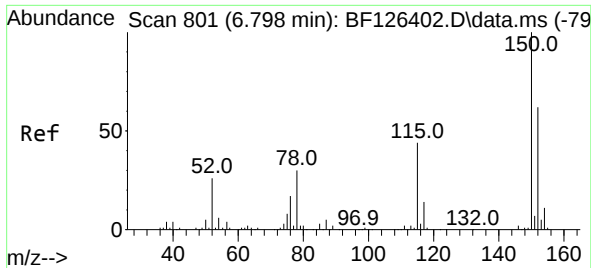
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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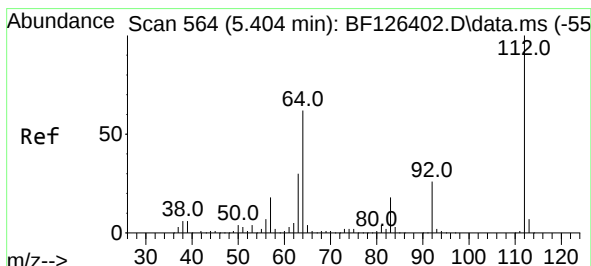
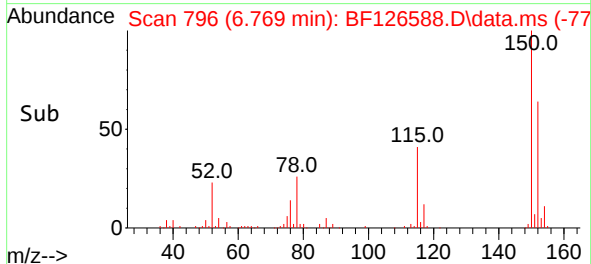
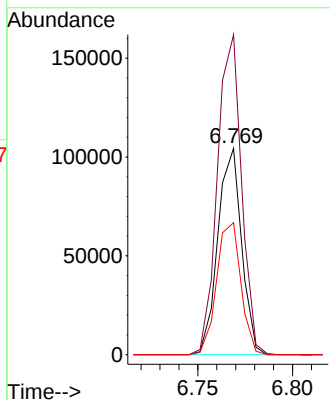
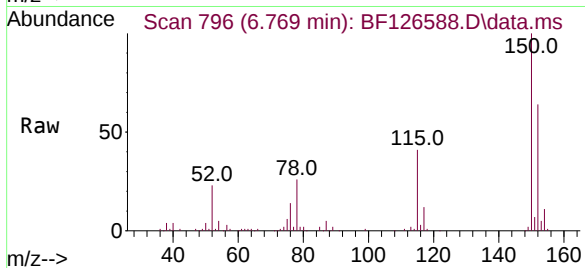




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

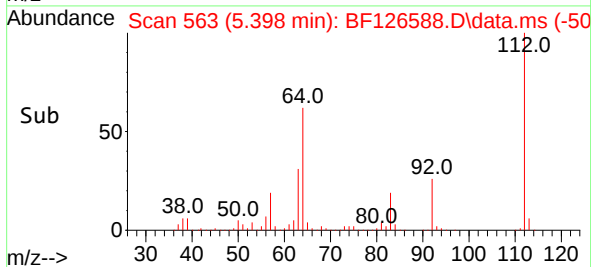
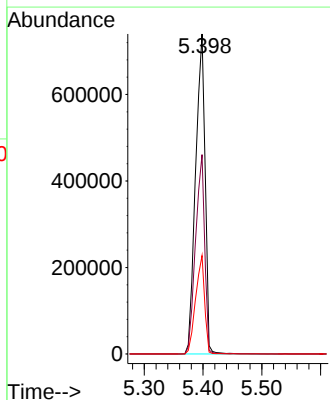
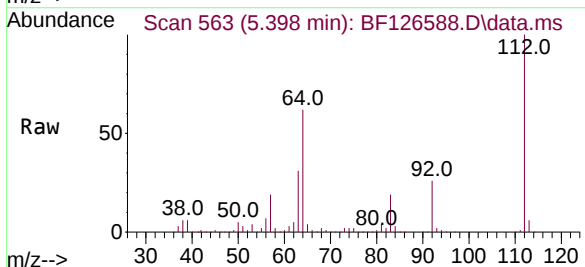
Instrument :
BNA_F
ClientSampleId :
20220014-CAPE-1-COMP

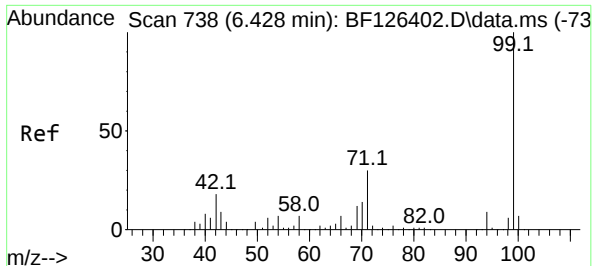
Tgt Ion:152 Resp: 91093
Ion Ratio Lower Upper
152 100
150 155.0 128.1 192.1
115 63.9 56.7 85.1



#5
2-Fluorophenol
Concen: 131.541 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

Tgt Ion:112 Resp: 834398
Ion Ratio Lower Upper
112 100
64 62.3 49.5 74.3
63 30.8 23.9 35.9



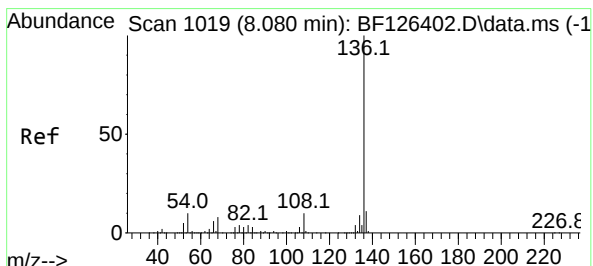
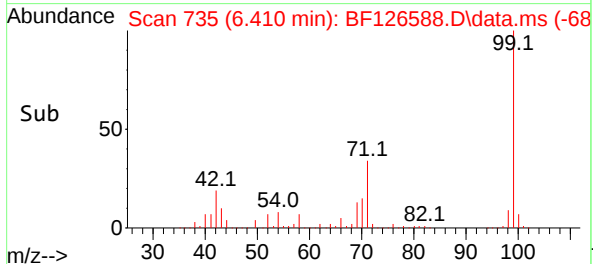
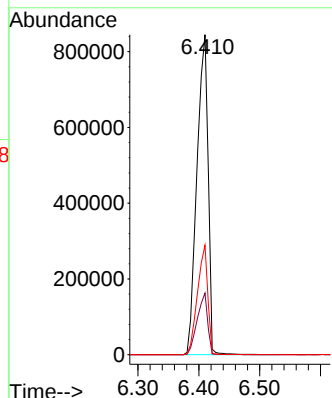
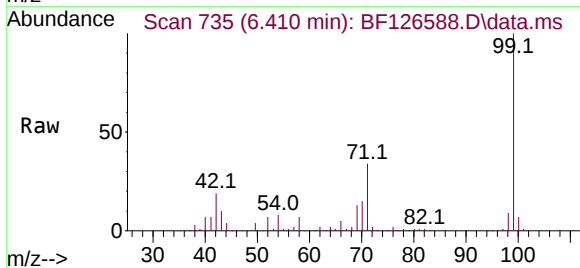


#7
Phenol-d6
Concen: 130.954 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

Instrument :
BNA_F
ClientSampleId :
20220014-CAPE-1-COMP

Tgt Ion: 99 Resp: 1075902

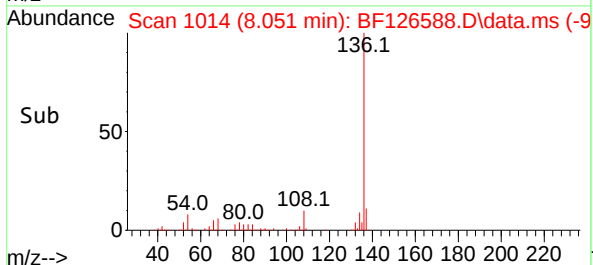
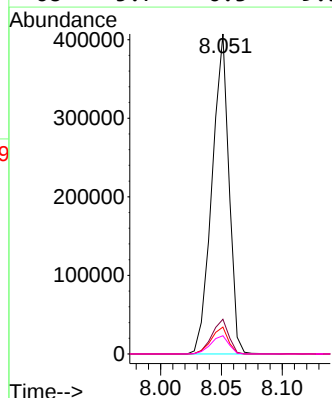
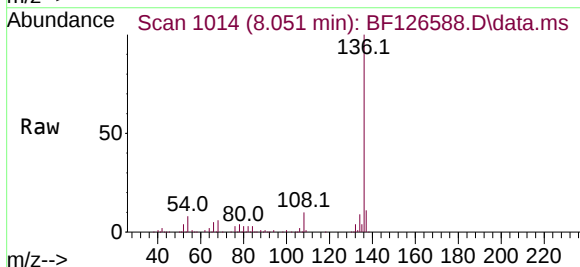
Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.2	21.4
71	34.2	24.3	36.5

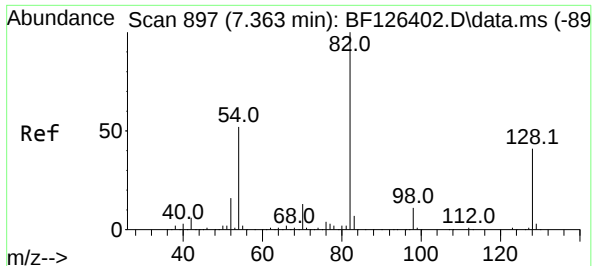


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

Tgt Ion: 136 Resp: 394186

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.4	7.8	11.6
68	5.7	6.3	9.5





#23

Nitrobenzene-d5

Concen: 92.404 ng

RT: 7.334 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126588.D

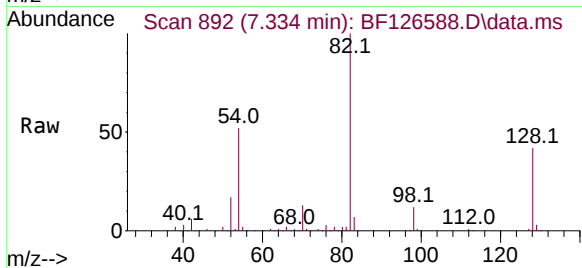
Acq: 11 Jan 2022 13:26

Instrument :

BNA_F

ClientSampleId :

20220014-CAPE-1-COMP



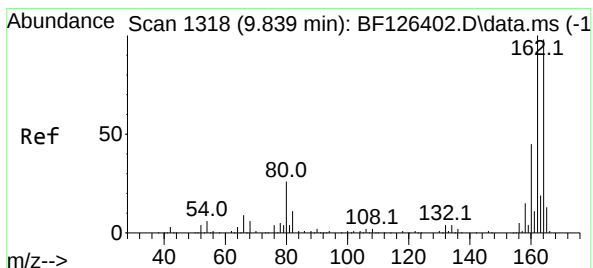
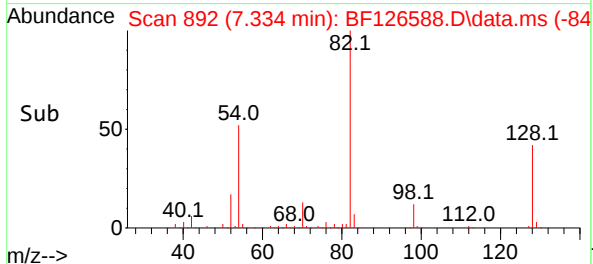
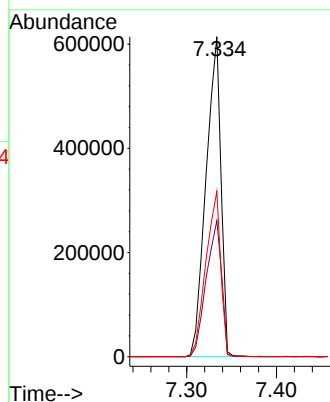
Tgt Ion: 82 Resp: 709389

Ion Ratio Lower Upper

82 100

128 42.5 32.7 49.1

54 51.7 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: BF126588.D

Acq: 11 Jan 2022 13:26

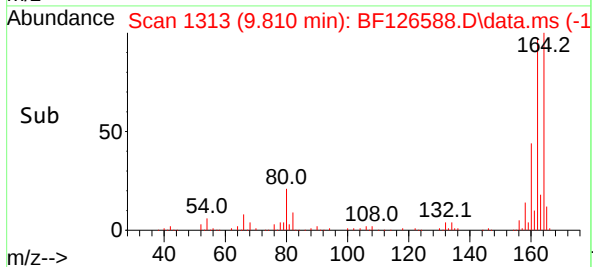
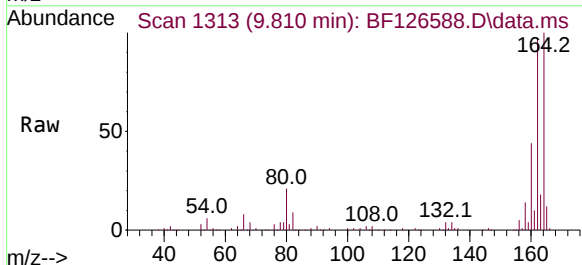
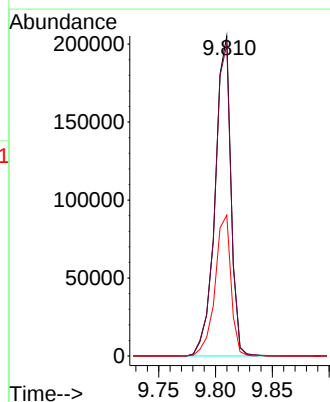
Tgt Ion:164 Resp: 198348

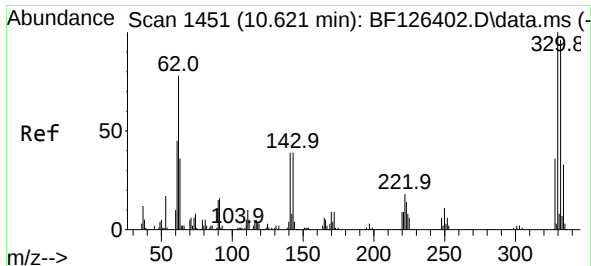
Ion Ratio Lower Upper

164 100

162 97.4 81.4 122.0

160 44.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 173.032 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF126588.D

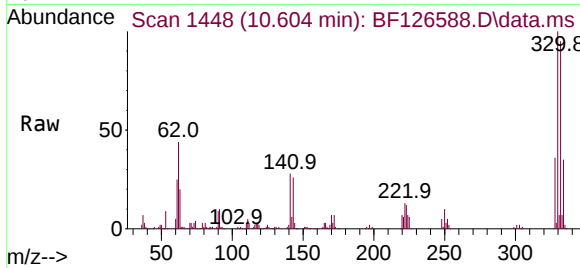
Acq: 11 Jan 2022 13:26

Instrument :

BNA_F

ClientSampleId :

20220014-CAPE-1-COMP



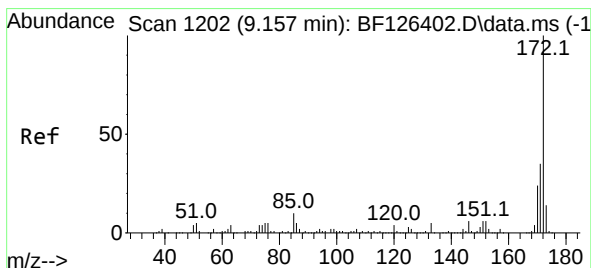
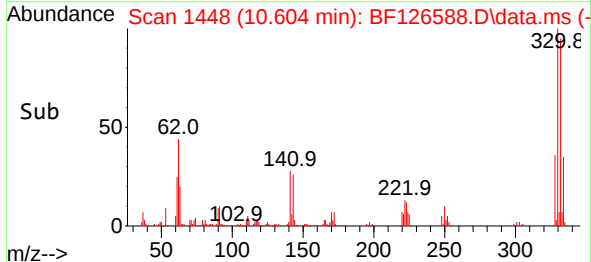
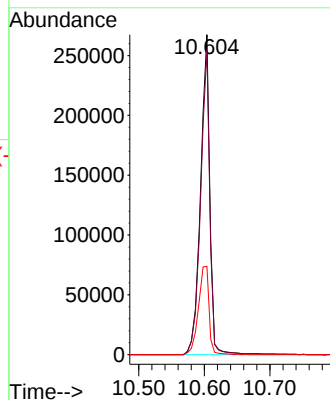
Tgt Ion:330 Resp: 265210

Ion Ratio Lower Upper

330 100

332 93.5 76.0 114.0

141 31.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 93.030 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126588.D

Acq: 11 Jan 2022 13:26

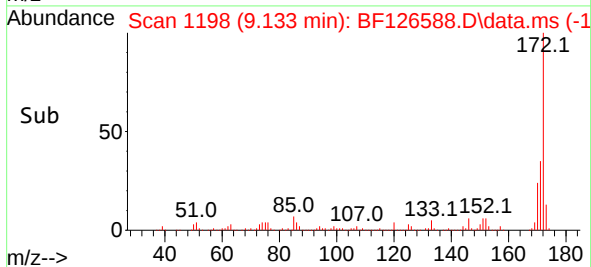
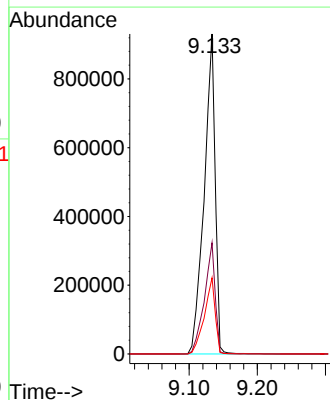
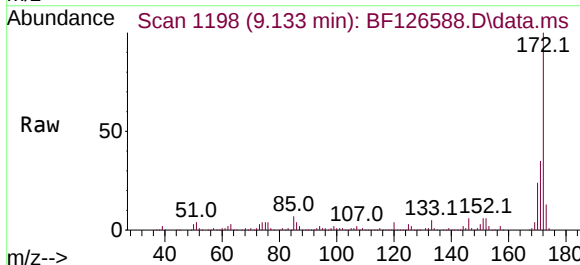
Tgt Ion:172 Resp: 1048591

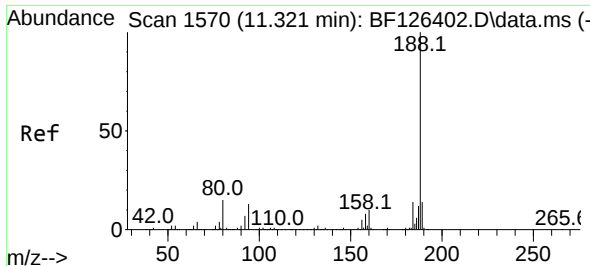
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.8 19.0 28.6

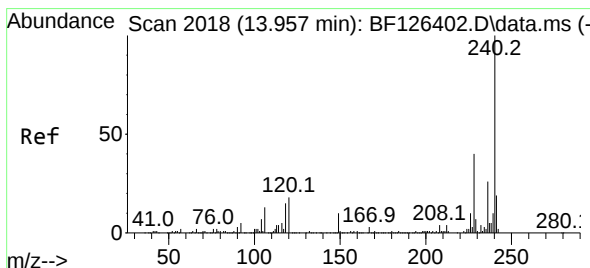
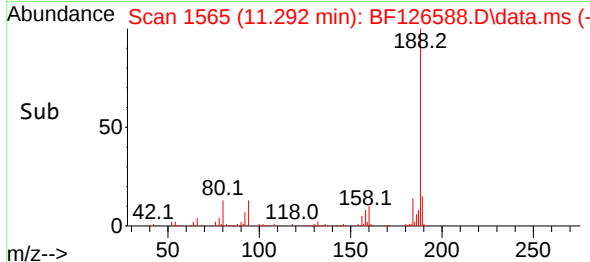
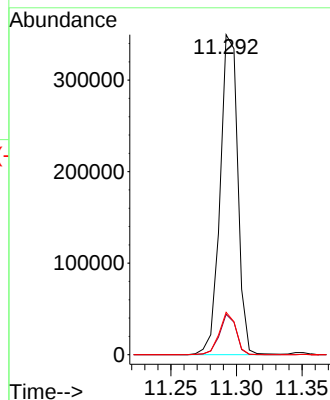
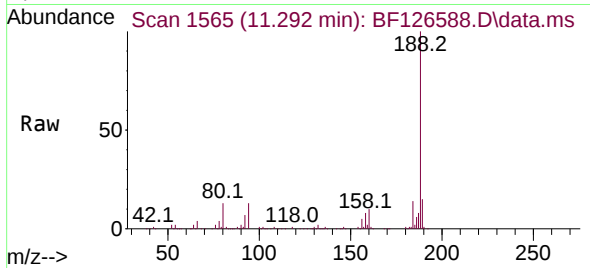




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

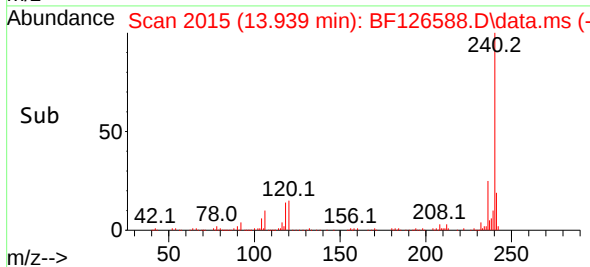
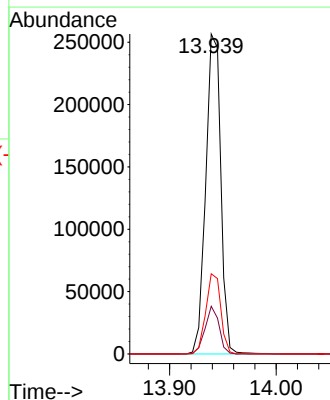
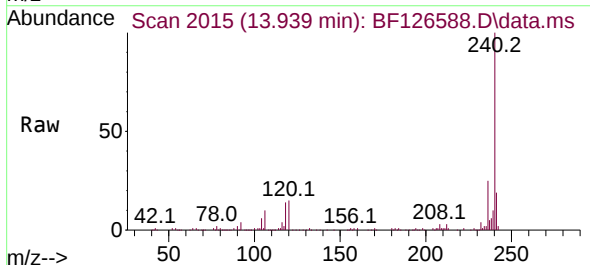
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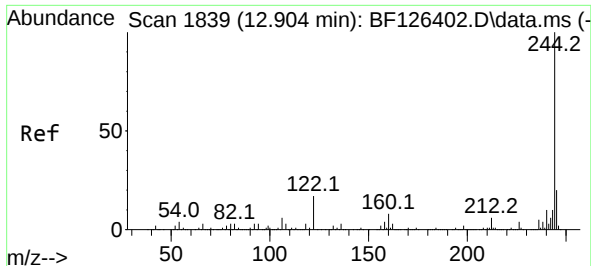
Tgt Ion:188 Resp: 326436
Ion Ratio Lower Upper
188 100
94 12.6 10.1 15.1
80 13.2 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

Tgt Ion:240 Resp: 252831
Ion Ratio Lower Upper
240 100
120 14.9 14.4 21.6
236 25.1 20.5 30.7

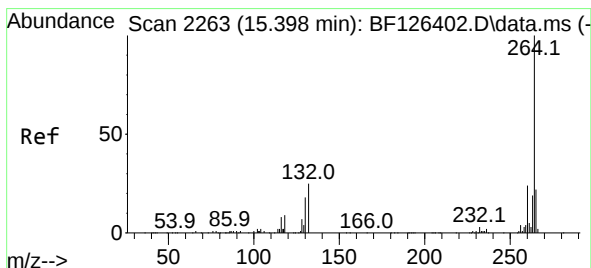
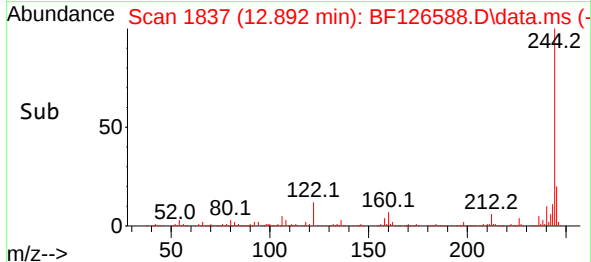
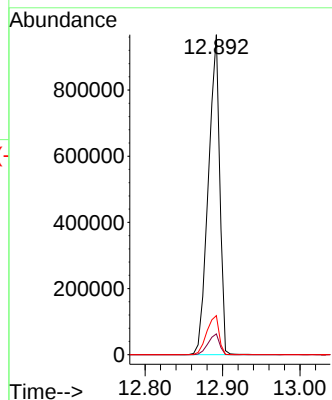
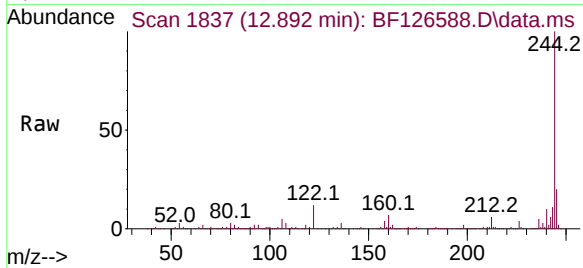




#79
 Terphenyl-d14
 Concen: 75.754 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF126588.D
 Acq: 11 Jan 2022 13:26

Instrument :
 BNA_F
 ClientSampleId :
 20220014-CAPE-1-COMP

Tgt Ion:244 Resp: 985777
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 12.2 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.006 min
 Lab File: BF126588.D
 Acq: 11 Jan 2022 13:26

Tgt Ion:264 Resp: 224533
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.9 17.4 26.2

