

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
 Data File : BF126589.D
 Acq On : 11 Jan 2022 13:53
 Operator : JU/CG
 Sample : N1054-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220023-CAPE-5-MODIFIED-ELUTRIATE

Quant Time: Jan 11 17:04:41 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	93207	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	406832	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	203464	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	333505	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	241414	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	202055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	599384	92.348	ng	0.02
7) Phenol-d6	6.404	99	701980	83.504	ng	0.00
23) Nitrobenzene-d5	7.333	82	764892	96.537	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	315341	200.566	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1218892	105.420	ng	0.00
79) Terphenyl-d14	12.892	244	1111823	89.481	ng	0.00

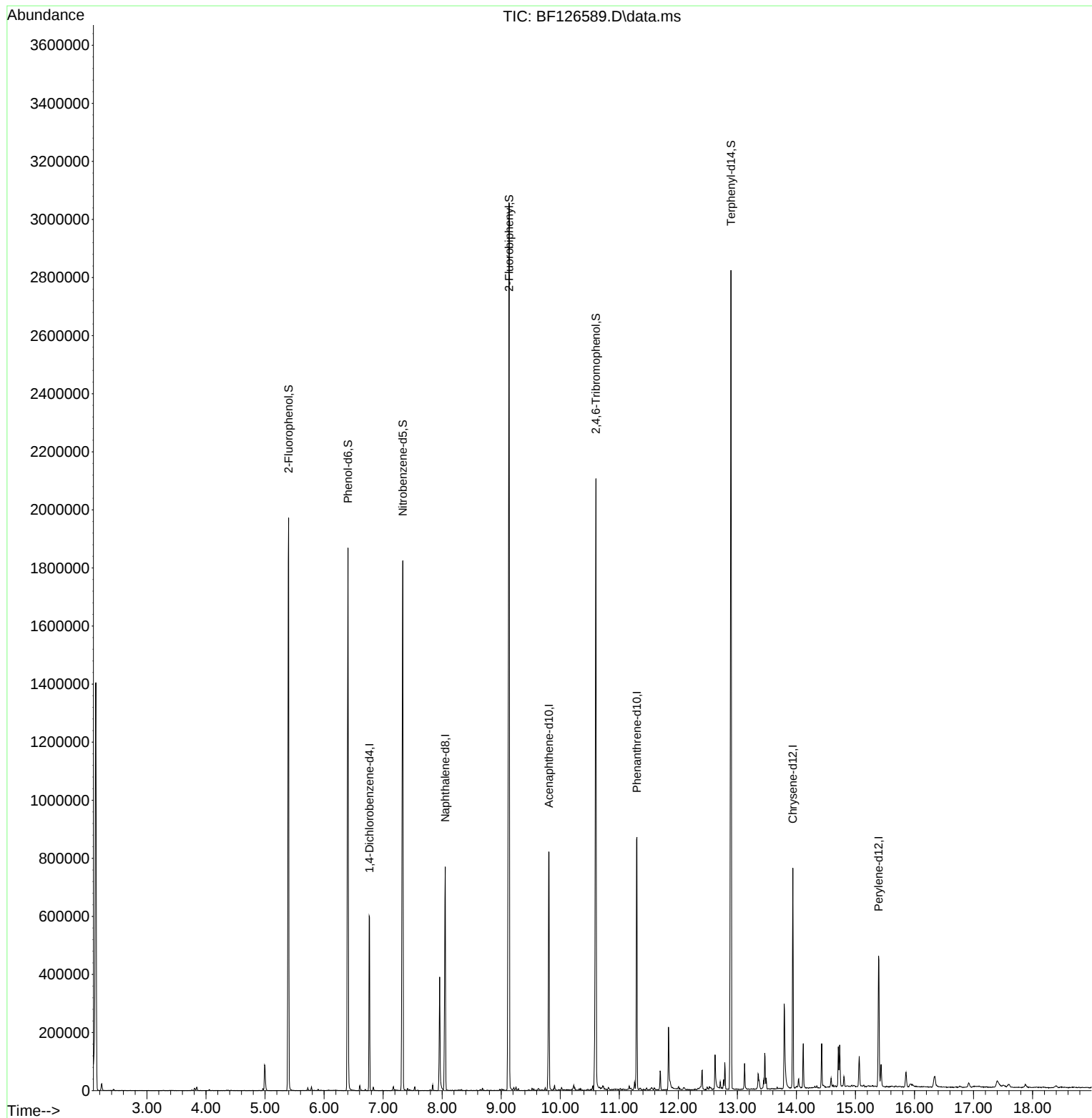
Target Compounds	Qvalue

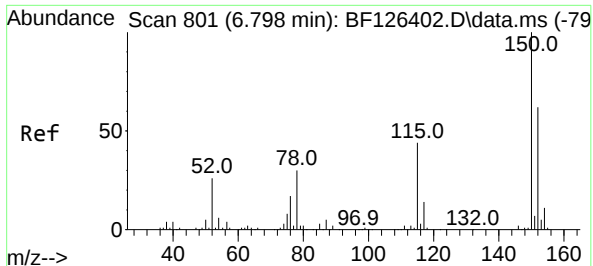
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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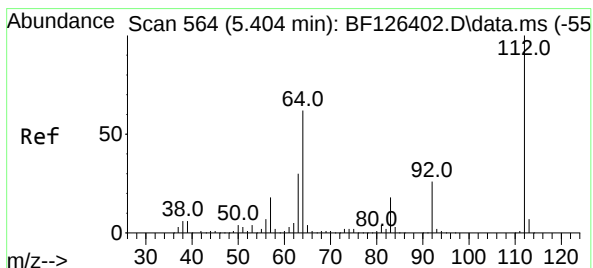
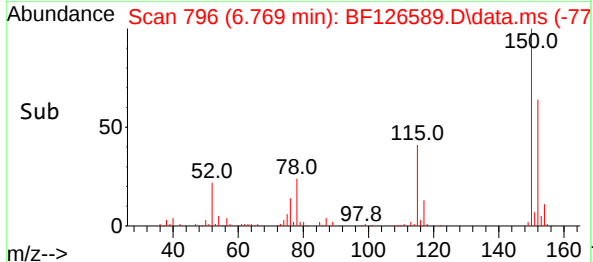
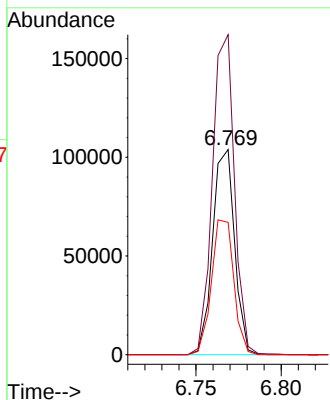
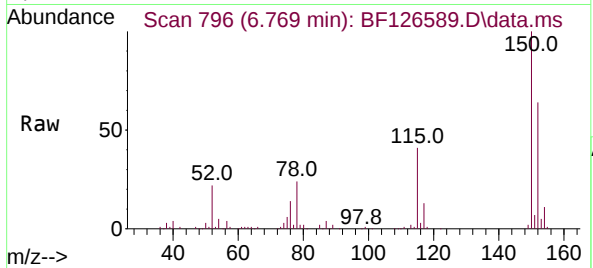




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

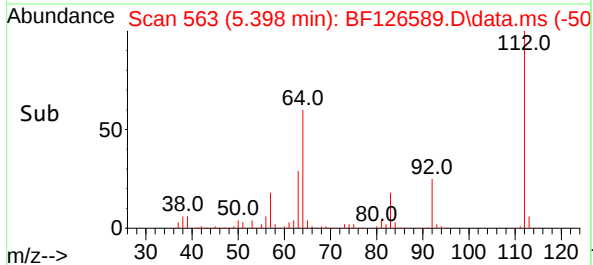
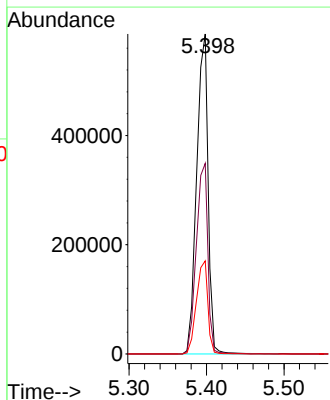
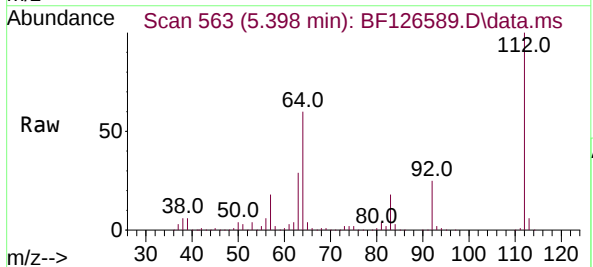
Instrument :
BNA_F
ClientSampleId :
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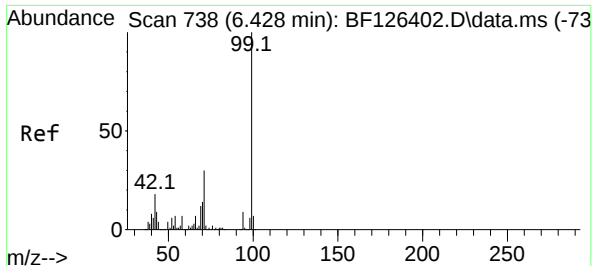
Tgt Ion:152 Resp: 93207
Ion Ratio Lower Upper
152 100
150 156.0 128.1 192.1
115 64.5 56.7 85.1



#5
2-Fluorophenol
Concen: 92.348 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

Tgt Ion:112 Resp: 599384
Ion Ratio Lower Upper
112 100
64 59.5 49.5 74.3
63 29.1 23.9 35.9





#7

Phenol-d6

Concen: 83.504 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF126589.D

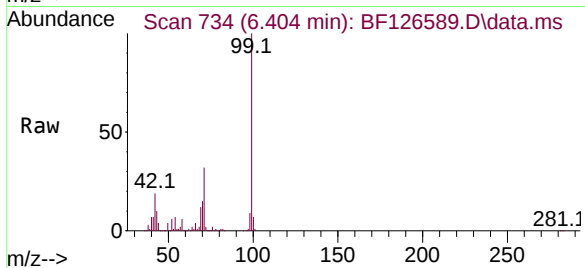
Acq: 11 Jan 2022 13:53

Instrument :

BNA_F

ClientSampleId :

20220023-CAPE-5-MODIFIED-ELUTRIATE



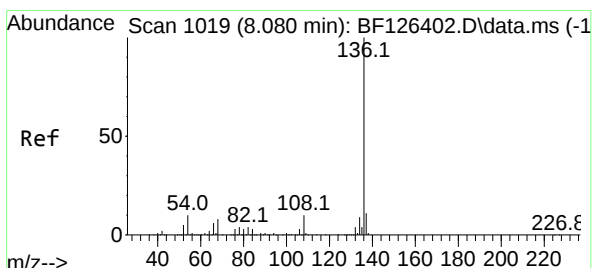
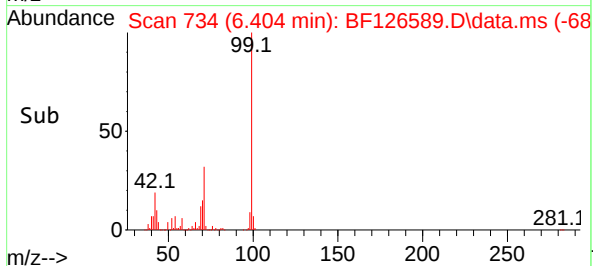
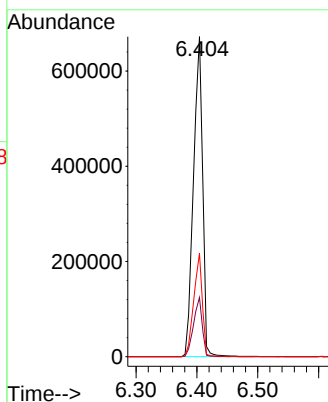
Tgt Ion: 99 Resp: 701980

Ion Ratio Lower Upper

99 100

42 18.5 14.2 21.4

71 32.3 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: BF126589.D

Acq: 11 Jan 2022 13:53

Tgt Ion: 136 Resp: 406832

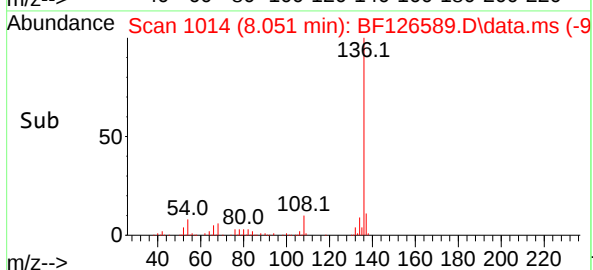
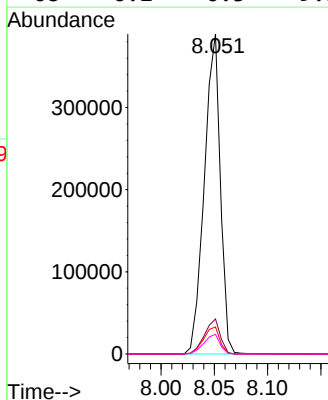
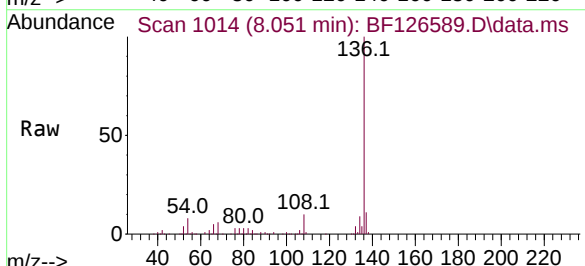
Ion Ratio Lower Upper

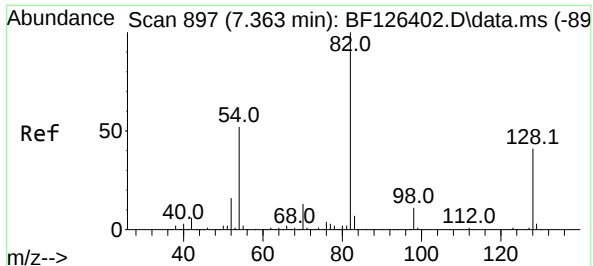
136 100

137 11.0 8.6 13.0

54 8.5 7.8 11.6

68 6.2 6.3 9.5#

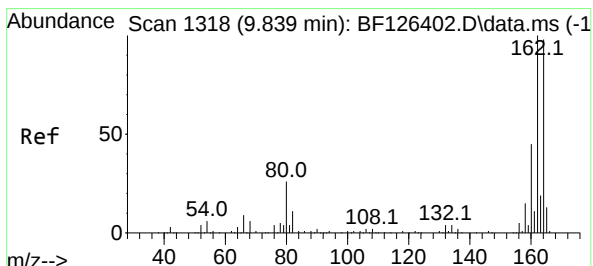
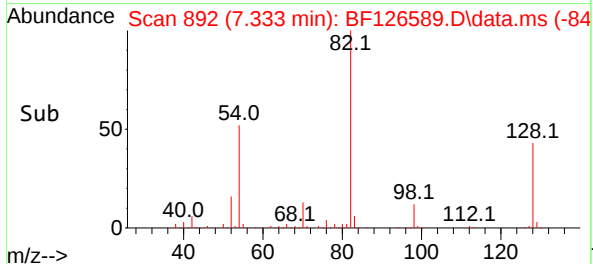
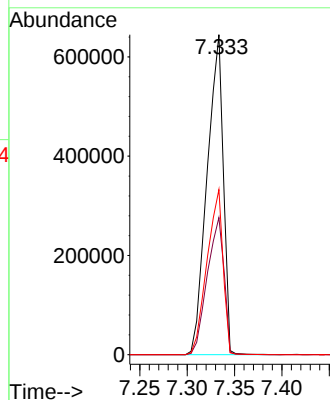
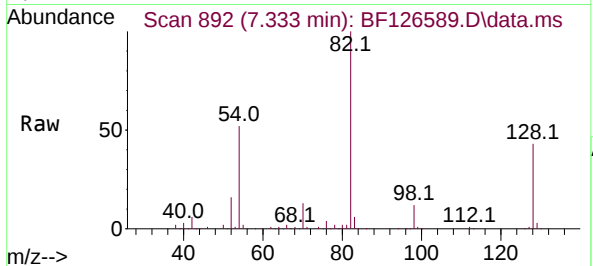




#23
Nitrobenzene-d5
Concen: 96.537 ng
RT: 7.333 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

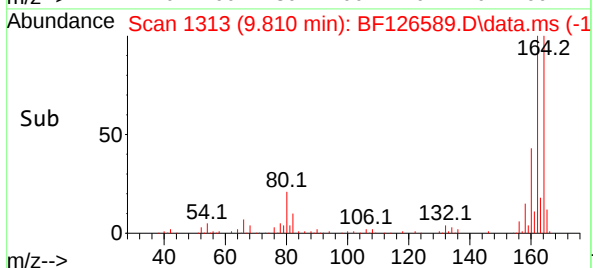
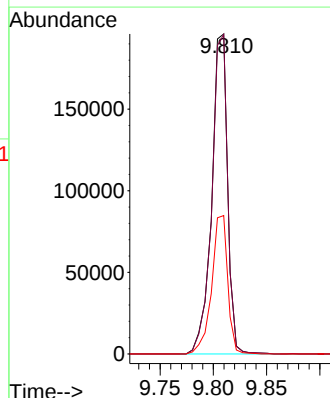
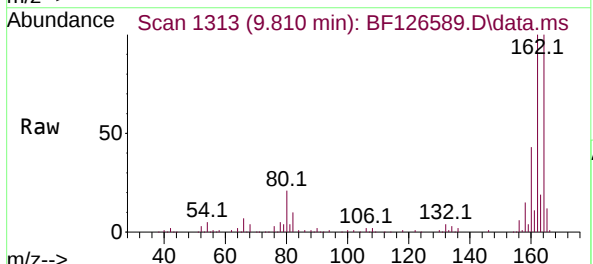
Instrument :
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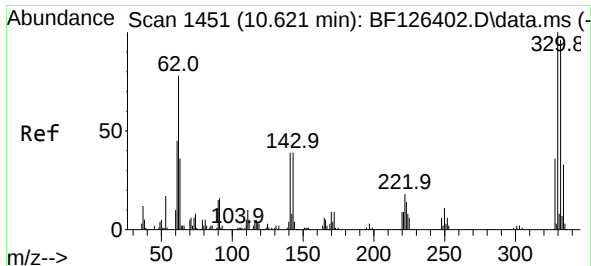
Tgt Ion: 82 Resp: 764892
Ion Ratio Lower Upper
82 100
128 42.9 32.7 49.1
54 51.6 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

Tgt Ion:164 Resp: 203464
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 43.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 200.566 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF126589.D

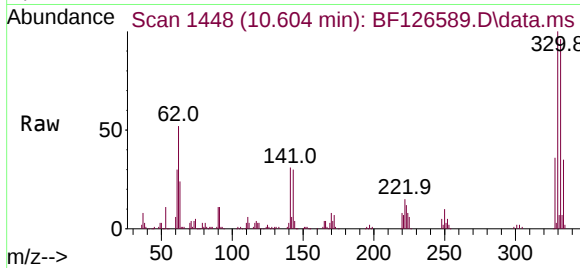
Acq: 11 Jan 2022 13:53

Instrument :

BNA_F

ClientSampleId :

20220023-CAPE-5-MODIFIED-ELUTRIATE



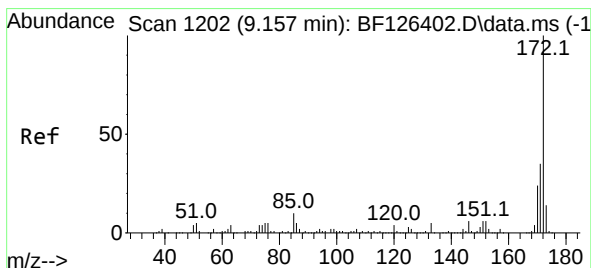
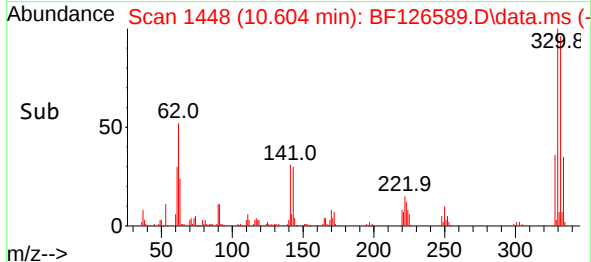
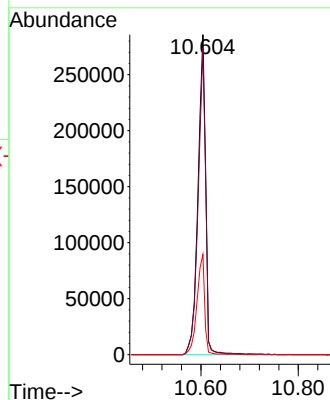
Tgt Ion:330 Resp: 315341

Ion Ratio Lower Upper

330 100

332 93.9 76.0 114.0

141 31.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 105.420 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126589.D

Acq: 11 Jan 2022 13:53

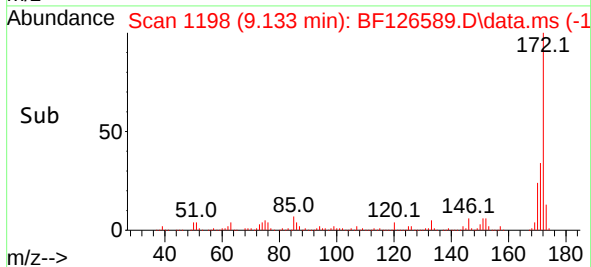
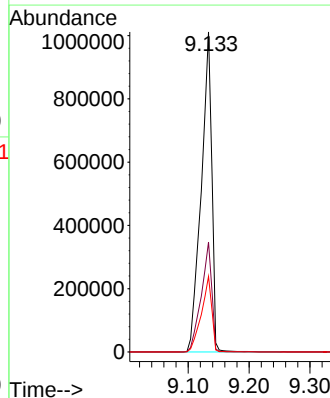
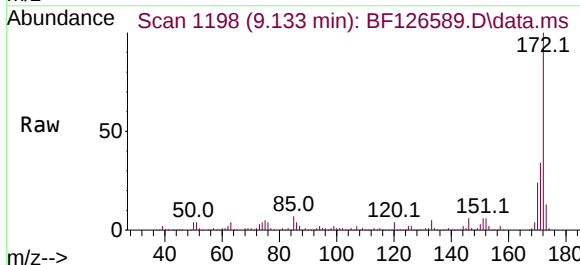
Tgt Ion:172 Resp: 1218892

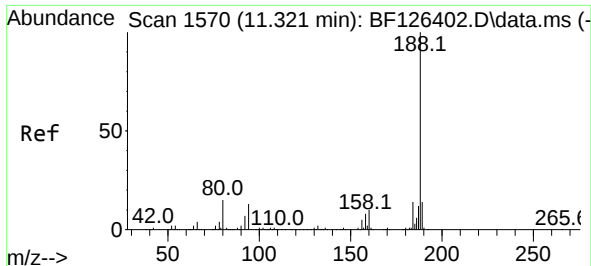
Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.6 19.0 28.6

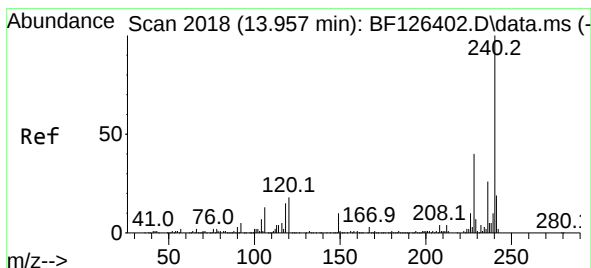
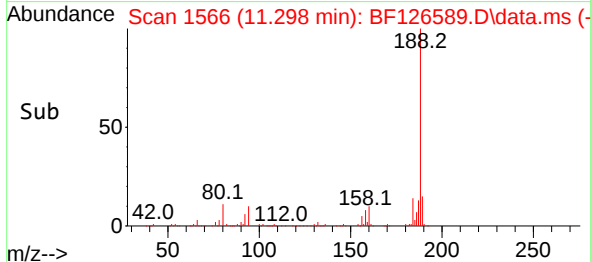
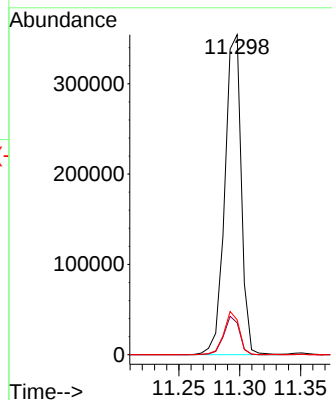
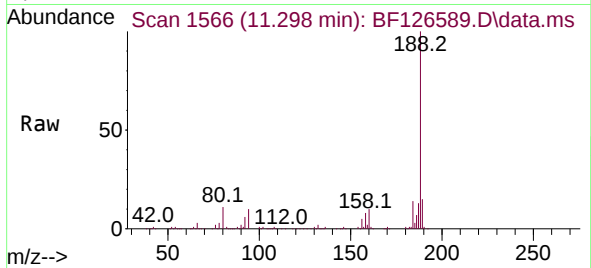




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

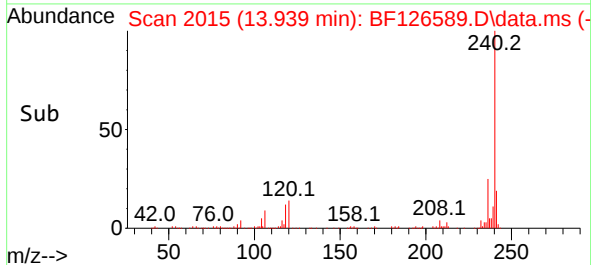
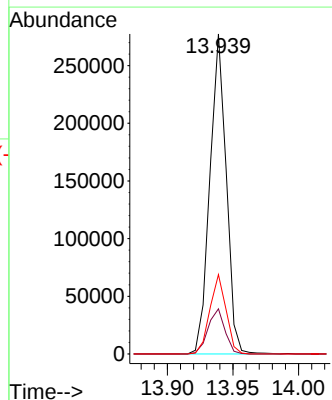
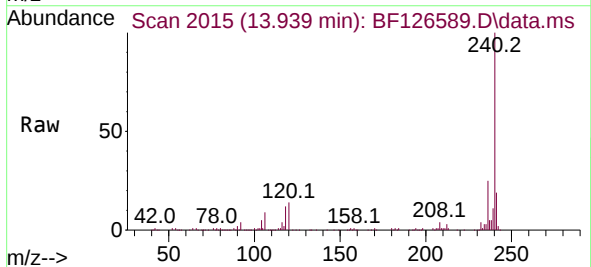
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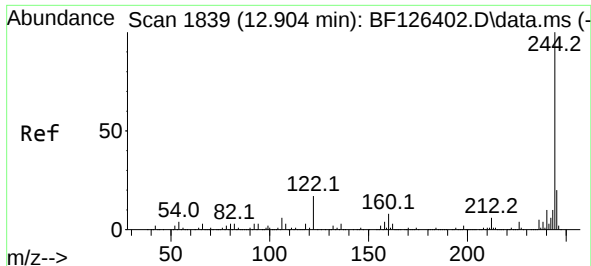
Tgt Ion:188 Resp: 333505
Ion Ratio Lower Upper
188 100
94 9.9 10.1 15.1#
80 10.9 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

Tgt Ion:240 Resp: 241414
Ion Ratio Lower Upper
240 100
120 14.1 14.4 21.6#
236 24.8 20.5 30.7

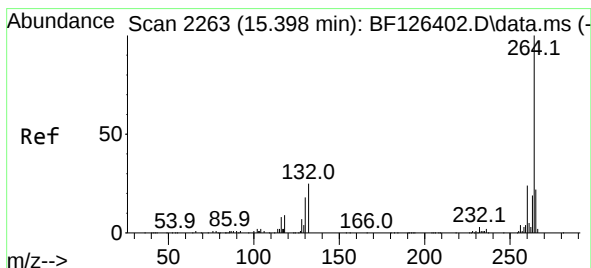
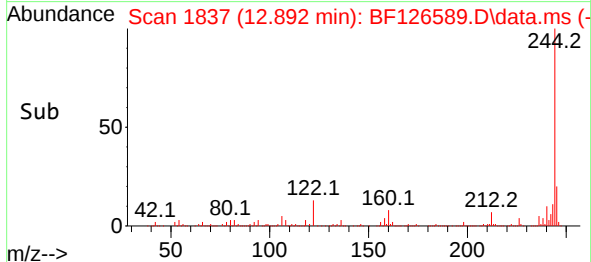
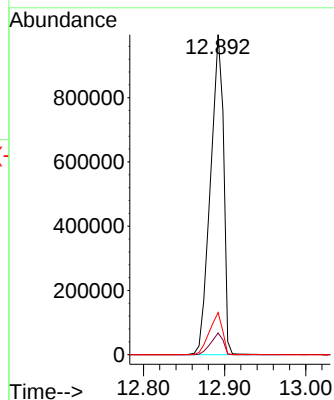
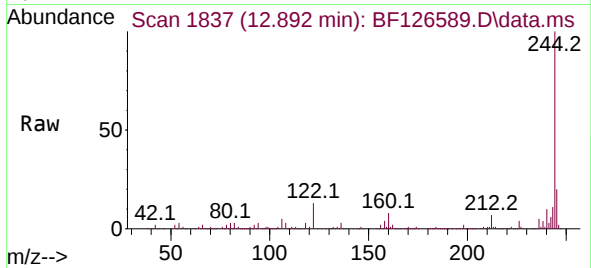




#79
 Terphenyl-d14
 Concen: 89.481 ng
 RT: 12.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126589.D
 Acq: 11 Jan 2022 13:53

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1111823
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 13.2 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: BF126589.D
 Acq: 11 Jan 2022 13:53

Tgt Ion:264 Resp: 202055
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.2 17.4 26.2

