

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126538.D
 Acq On : 7 Jan 2022 13:29
 Operator : JU/CG
 Sample : PB141875BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141875BL

Quant Time: Jan 07 15:24:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	97207	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	417630	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	192061	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	301056	20.000	ng	0.00
76) Chrysene-d12	13.945	240	171092	20.000	ng	0.00
86) Perylene-d12	15.398	264	155112	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	823223	121.617	ng	0.01
7) Phenol-d6	6.416	99	1048247	119.564	ng	0.00
23) Nitrobenzene-d5	7.345	82	679076	83.490	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	206722	139.287	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	972241	89.080	ng	0.00
79) Terphenyl-d14	12.898	244	773046	87.788	ng	0.00

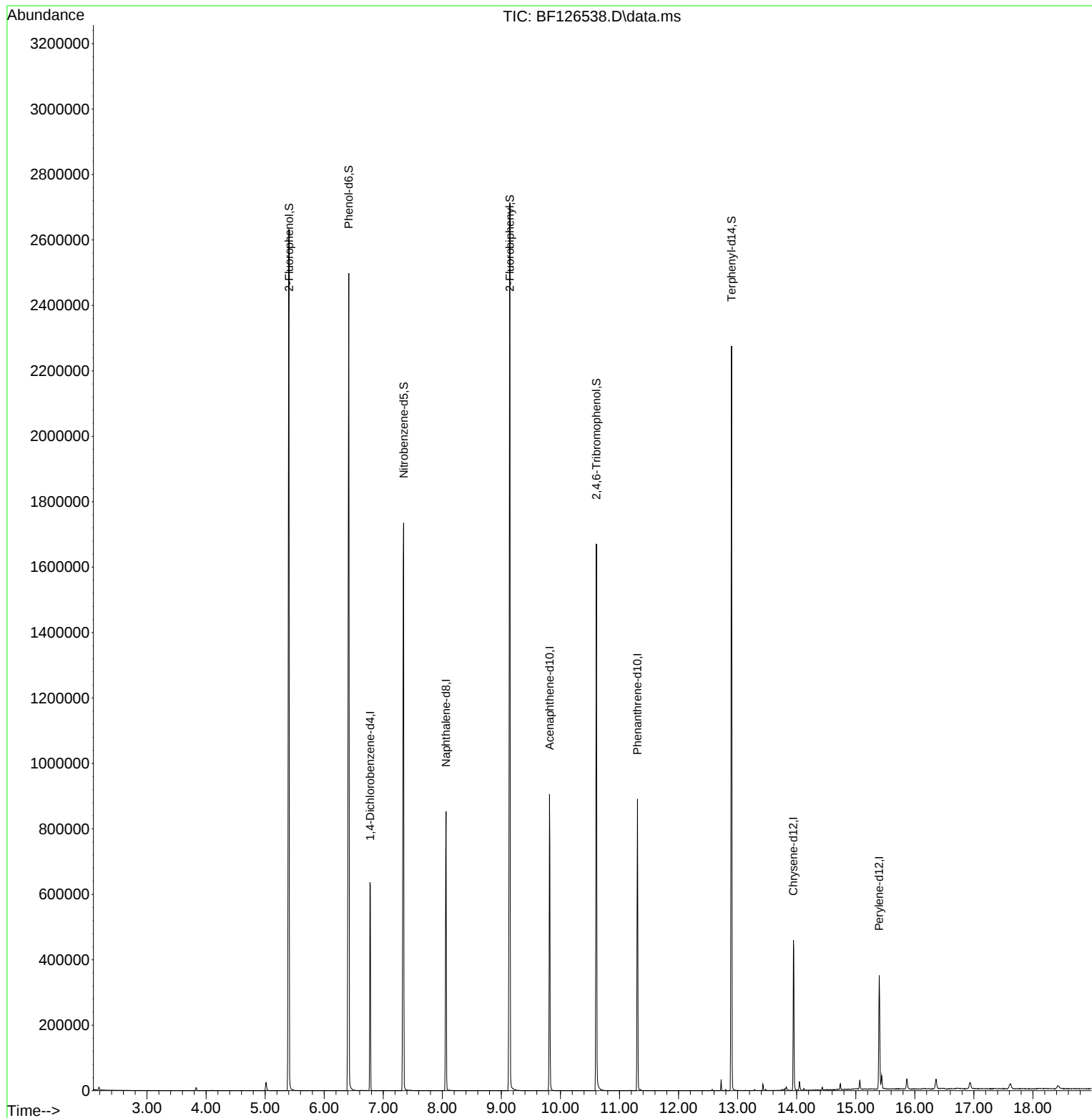
Target Compounds	Qvalue

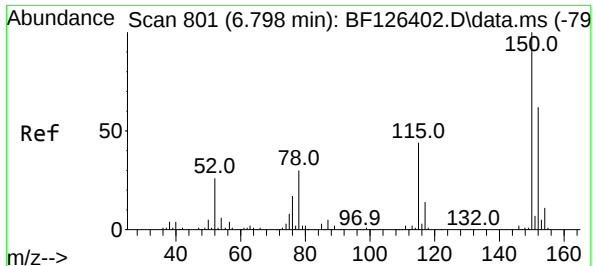
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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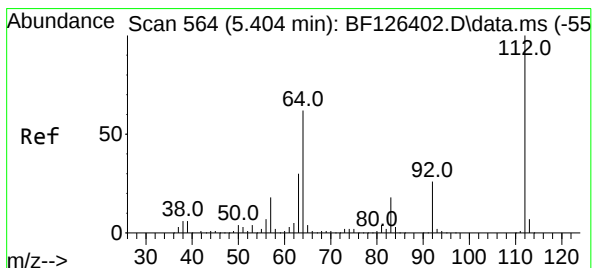
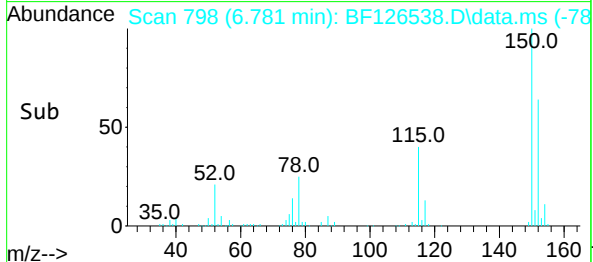
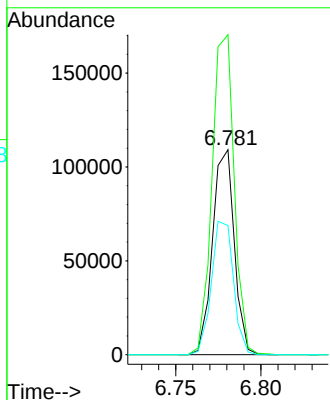
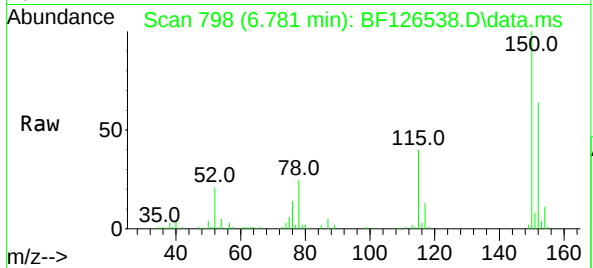




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF126538.D
Acq: 7 Jan 2022 13:29

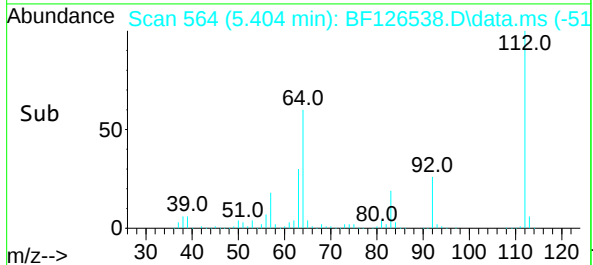
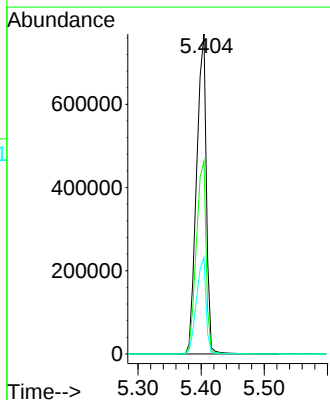
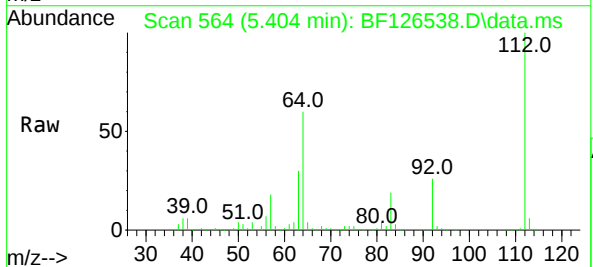
Instrument :
BNA_F
ClientSampleId :
PB141875BL

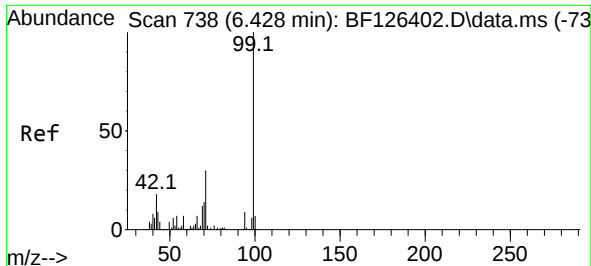
Tgt Ion:152 Resp: 97207
Ion Ratio Lower Upper
152 100
150 156.1 128.1 192.1
115 63.0 56.7 85.1



#5
2-Fluorophenol
Concen: 121.617 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF126538.D
Acq: 7 Jan 2022 13:29

Tgt Ion:112 Resp: 823223
Ion Ratio Lower Upper
112 100
64 60.2 49.5 74.3
63 30.1 23.9 35.9

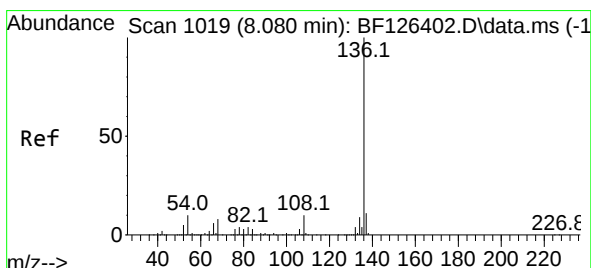
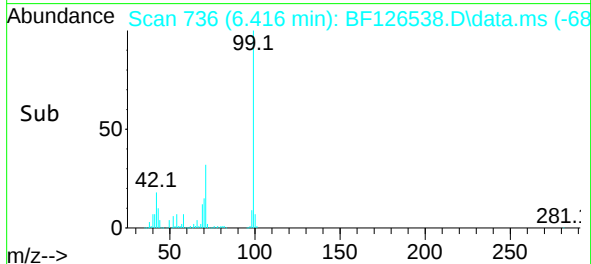
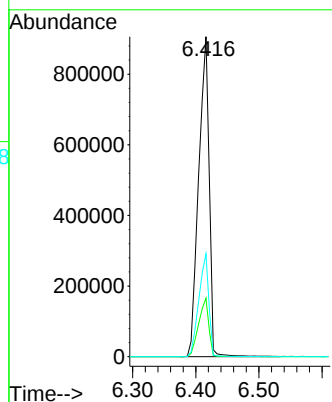
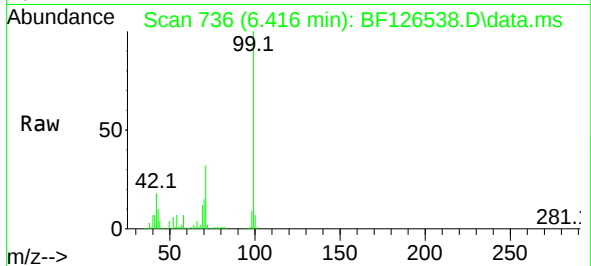




#7
Phenol-d6
Concen: 119.564 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126538.D
Acq: 7 Jan 2022 13:29

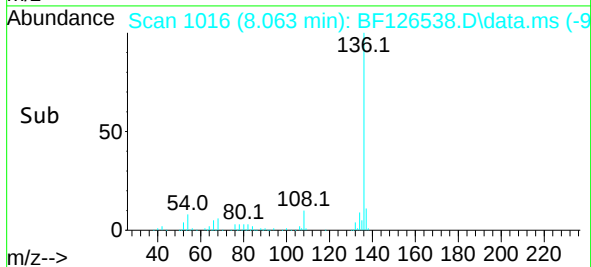
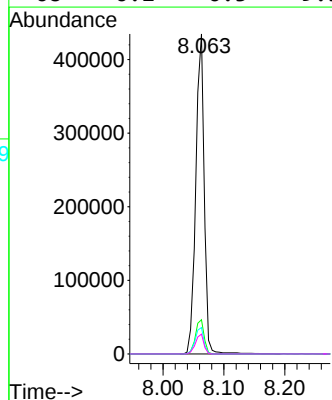
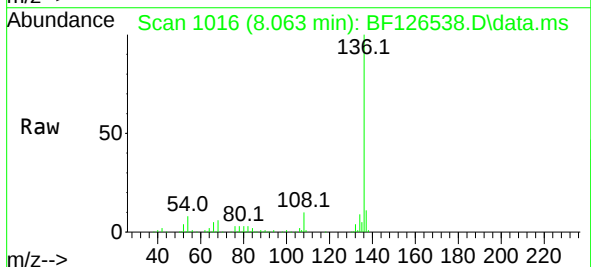
Instrument :
BNA_F
ClientSampleId :
PB141875BL

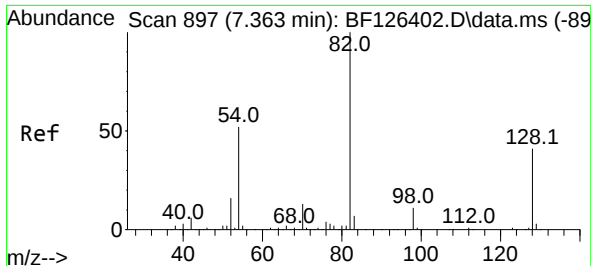
Tgt Ion: 99 Resp: 1048247
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 32.1 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126538.D
Acq: 7 Jan 2022 13:29

Tgt Ion: 136 Resp: 417630
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 7.8 11.6
68 6.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 83.490 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126538.D

Acq: 7 Jan 2022 13:29

Instrument :

BNA_F

ClientSampleId :

PB141875BL

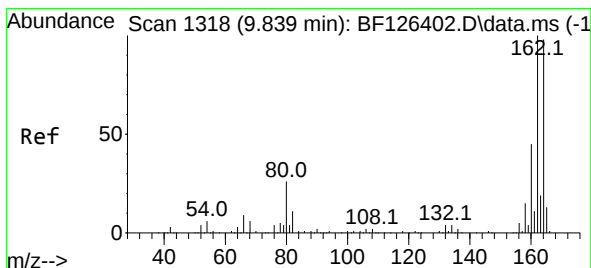
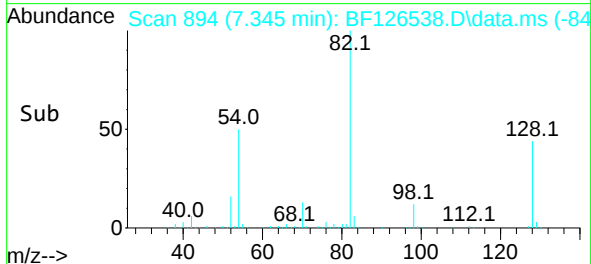
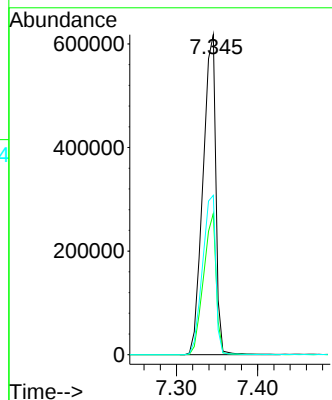
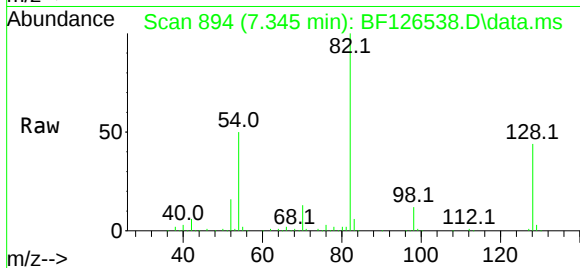
Tgt Ion: 82 Resp: 679076

Ion Ratio Lower Upper

82 100

128 44.1 32.7 49.1

54 49.8 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF126538.D

Acq: 7 Jan 2022 13:29

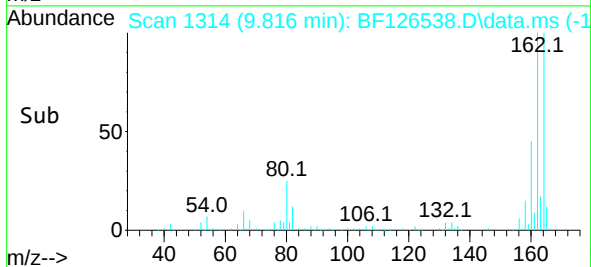
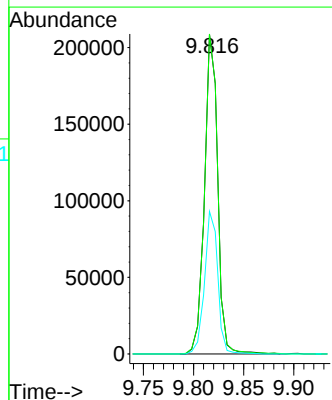
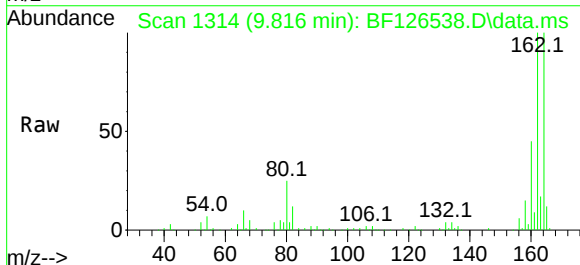
Tgt Ion:164 Resp: 192061

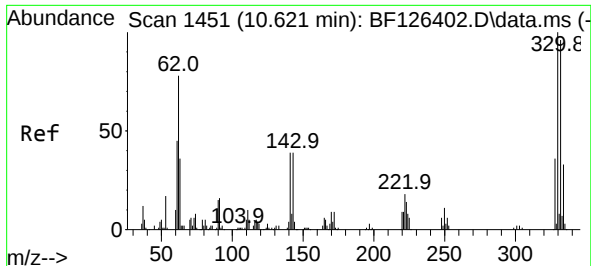
Ion Ratio Lower Upper

164 100

162 100.1 81.4 122.0

160 44.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 139.287 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF126538.D

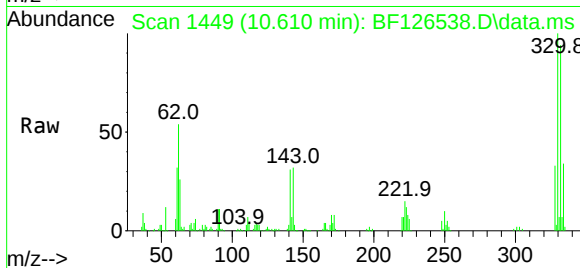
Acq: 7 Jan 2022 13:29

Instrument :

BNA_F

ClientSampleId :

PB141875BL



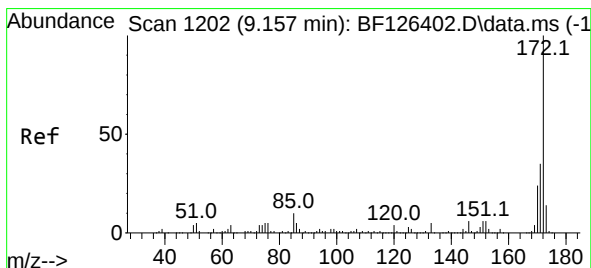
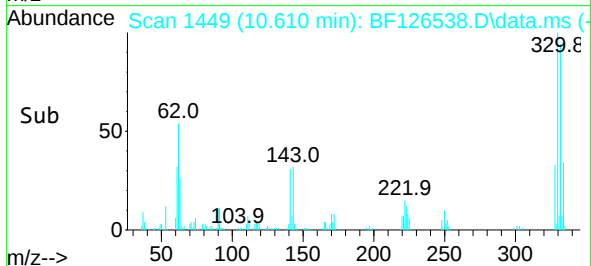
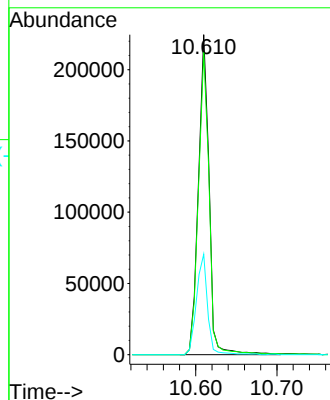
Tgt Ion:330 Resp: 206722

Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

141 32.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 89.080 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126538.D

Acq: 7 Jan 2022 13:29

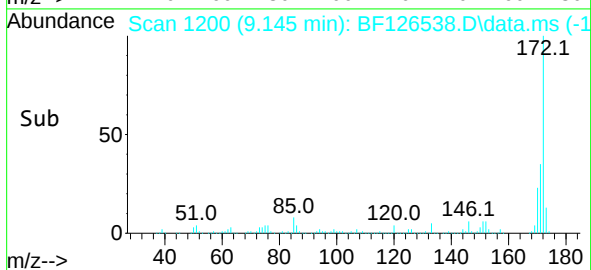
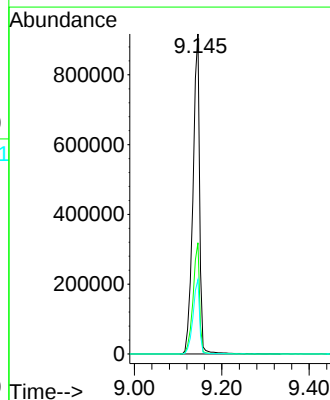
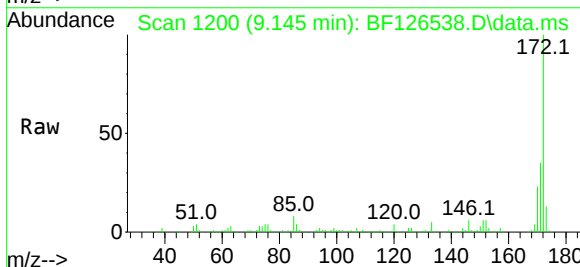
Tgt Ion:172 Resp: 972241

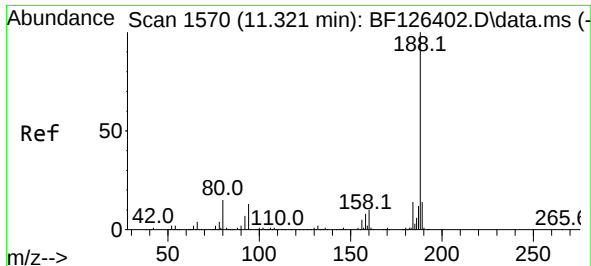
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.3 19.0 28.6

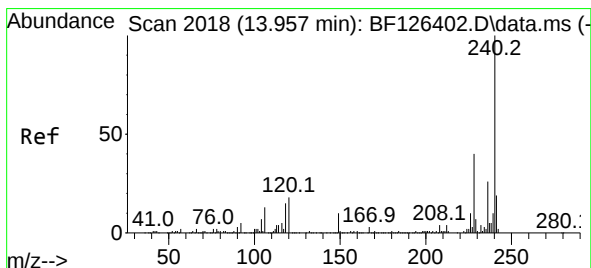
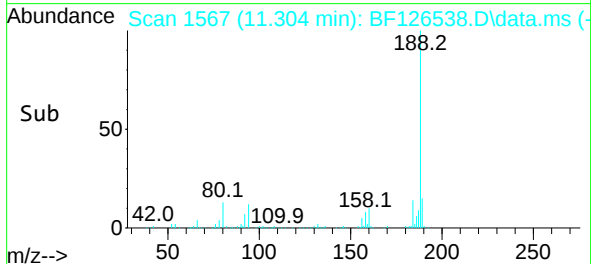
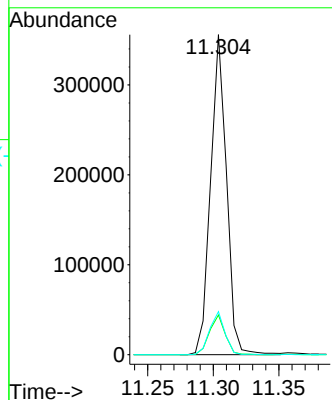
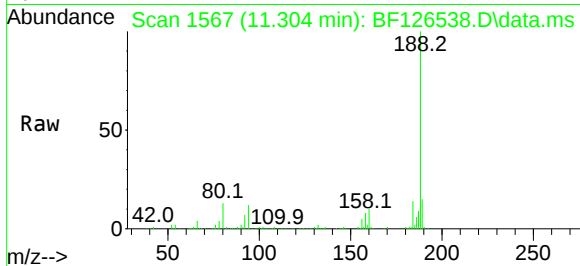




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126538.D
Acq: 7 Jan 2022 13:29

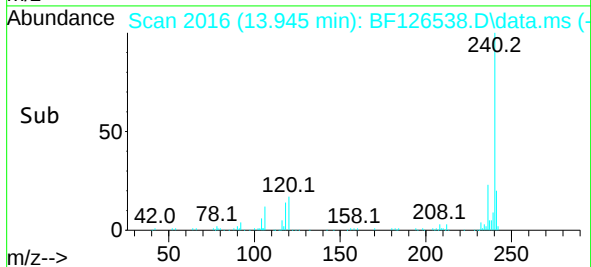
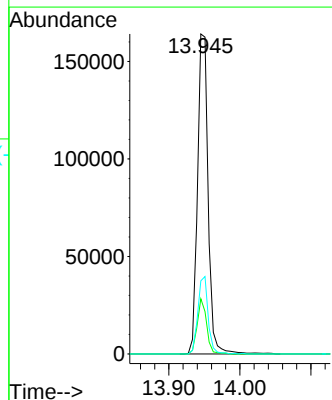
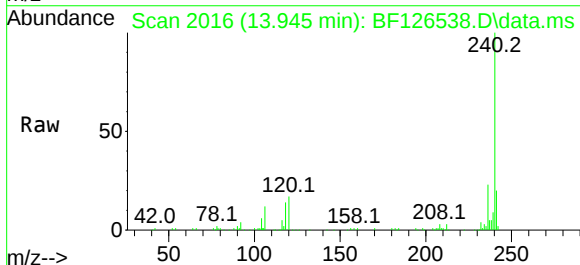
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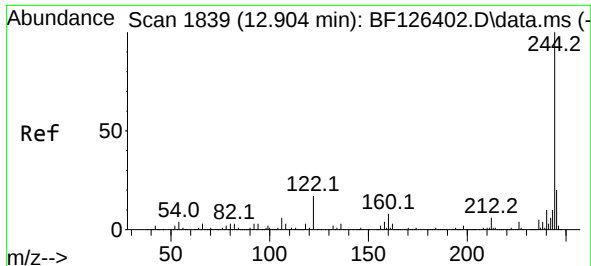
Tgt Ion:188 Resp: 301056
Ion Ratio Lower Upper
188 100
94 12.4 10.1 15.1
80 13.5 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126538.D
Acq: 7 Jan 2022 13:29

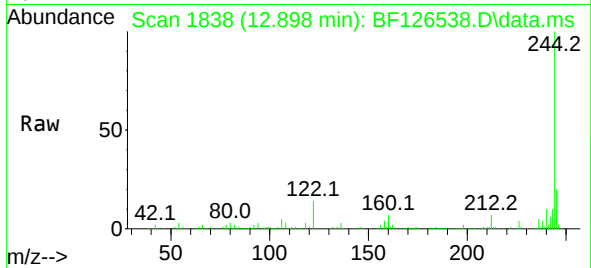
Tgt Ion:240 Resp: 171092
Ion Ratio Lower Upper
240 100
120 17.3 14.4 21.6
236 22.9 20.5 30.7



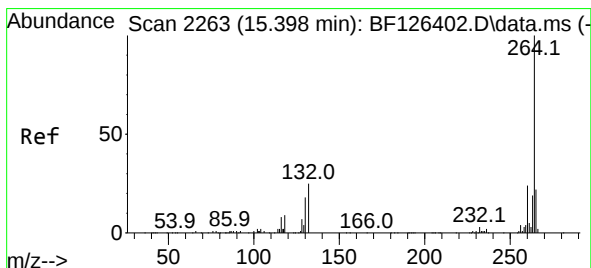
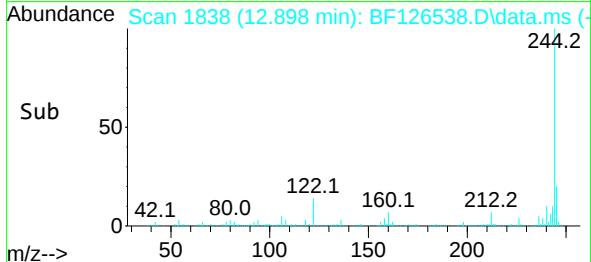
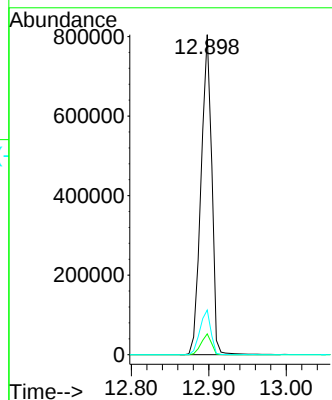


#79
 Terphenyl-d14
 Concen: 87.788 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF126538.D
 Acq: 7 Jan 2022 13:29

Instrument :
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Tgt Ion:244 Resp: 773046
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 13.9 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2263
 Delta R.T. 0.012 min
 Lab File: BF126538.D
 Acq: 7 Jan 2022 13:29

Tgt Ion:264 Resp: 155112
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.7 17.4 26.2

