

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126533.D
 Acq On : 7 Jan 2022 11:14
 Operator : JU/CG
 Sample : PB141753BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141753BL

Quant Time: Jan 07 15:21:51 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	97927	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	429509	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	199484	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	314774	20.000	ng	0.00
76) Chrysene-d12	13.945	240	190850	20.000	ng	0.00
86) Perylene-d12	15.392	264	163119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	836223	122.629	ng	0.01
7) Phenol-d6	6.416	99	1068511	120.979	ng	0.00
23) Nitrobenzene-d5	7.345	82	691566	82.674	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	214712	139.287	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	993775	87.665	ng	0.00
79) Terphenyl-d14	12.898	244	840468	85.563	ng	0.00

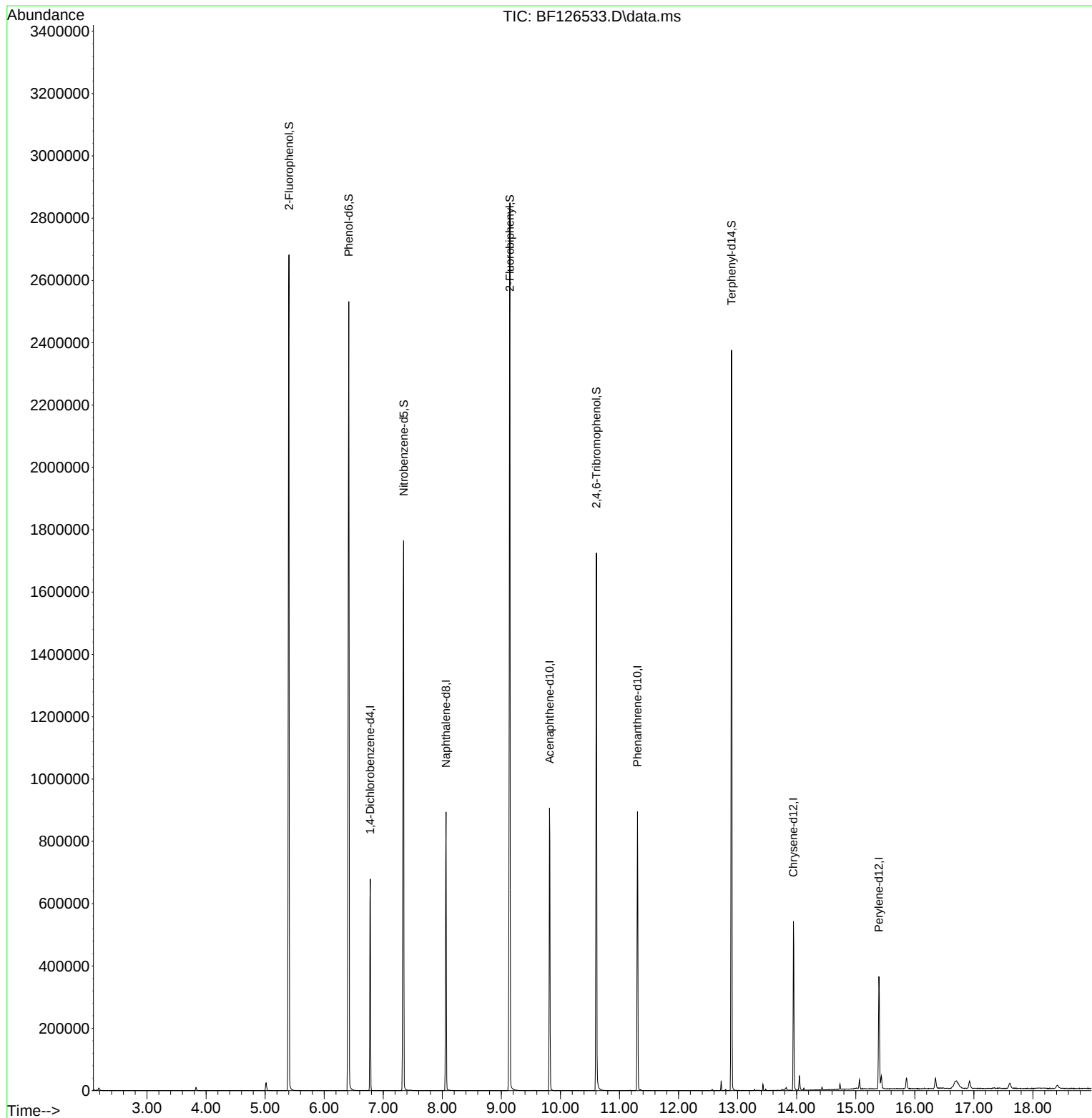
Target Compounds	Qvalue

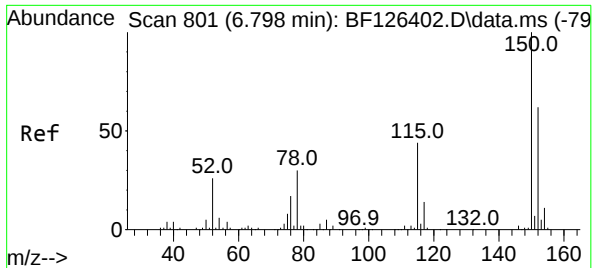
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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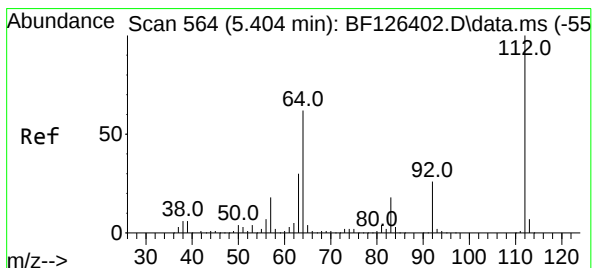
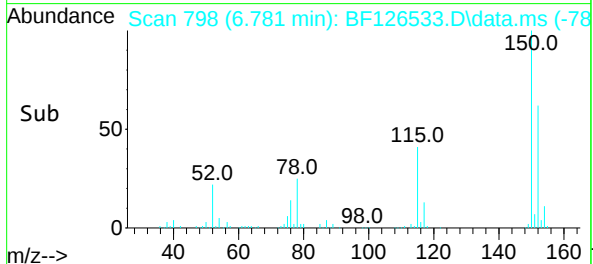
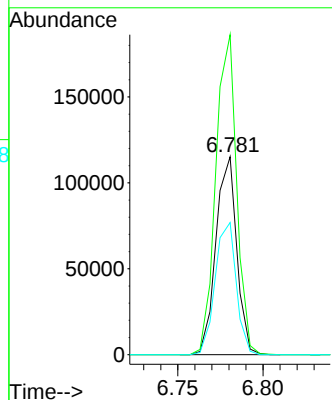
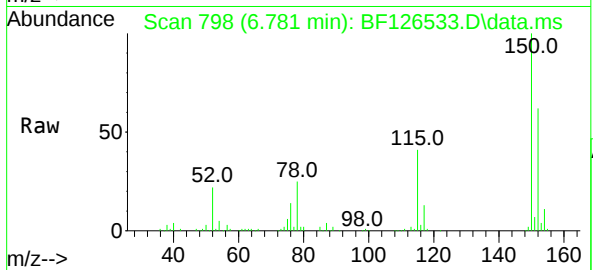




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

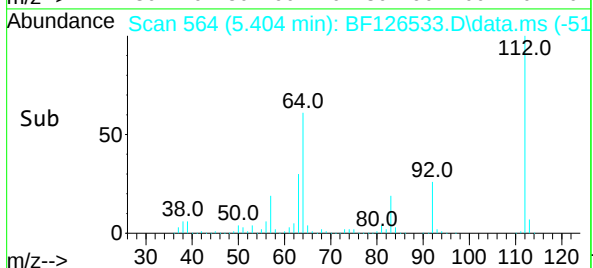
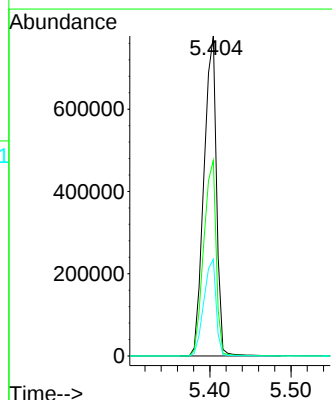
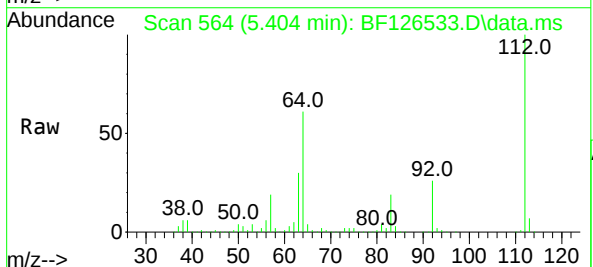
Instrument :
BNA_F
ClientSampleId :
PB141753BL

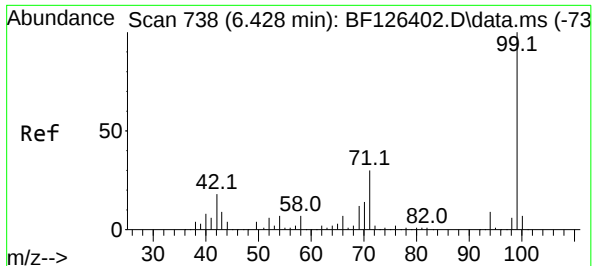
Tgt Ion:152 Resp: 97927
Ion Ratio Lower Upper
152 100
150 161.7 128.1 192.1
115 66.8 56.7 85.1



#5
2-Fluorophenol
Concen: 122.629 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

Tgt Ion:112 Resp: 836223
Ion Ratio Lower Upper
112 100
64 61.1 49.5 74.3
63 30.2 23.9 35.9



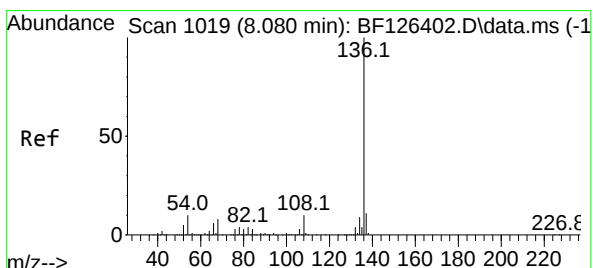
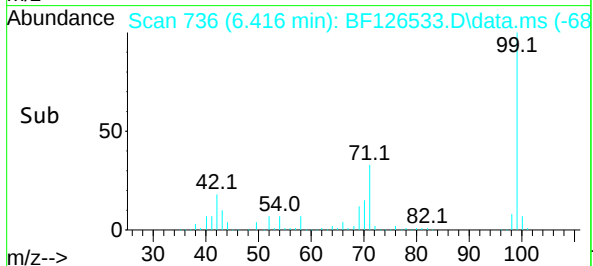
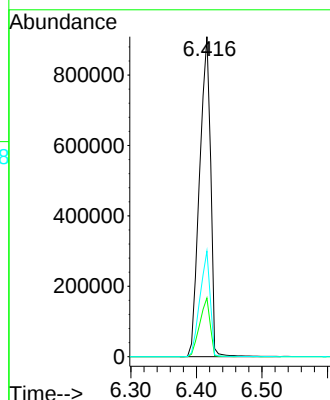
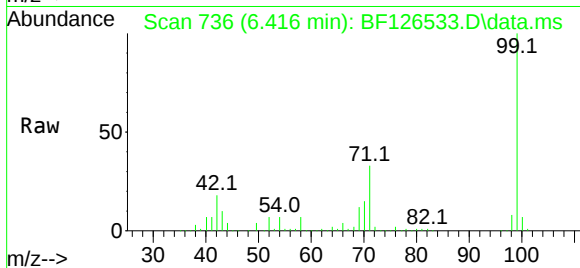


#7
Phenol-d6
Concen: 120.979 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

Instrument :
BNA_F
ClientSampleId :
PB141753BL

Tgt Ion: 99 Resp: 1068511

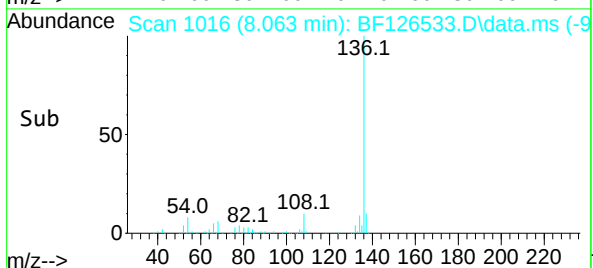
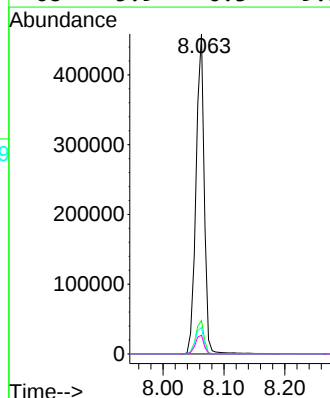
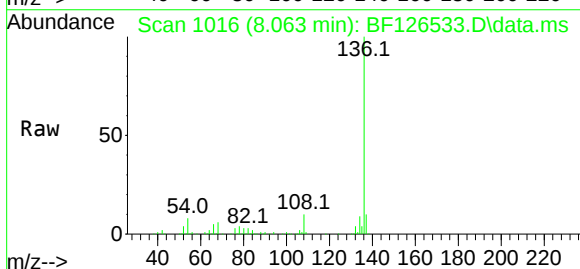
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.2	21.4
71	33.0	24.3	36.5

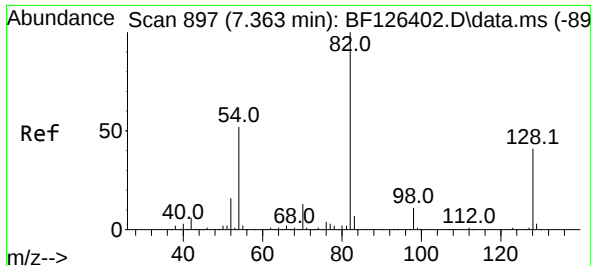


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

Tgt Ion: 136 Resp: 429509

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.3	7.8	11.6
68	5.9	6.3	9.5





#23

Nitrobenzene-d5

Concen: 82.674 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126533.D

Acq: 7 Jan 2022 11:14

Instrument :

BNA_F

ClientSampleId :

PB141753BL

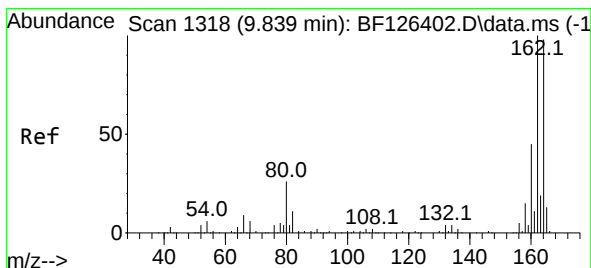
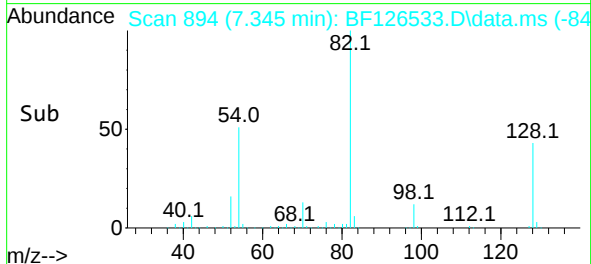
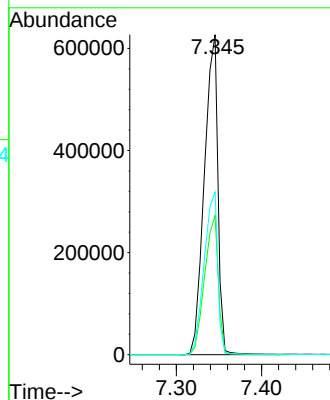
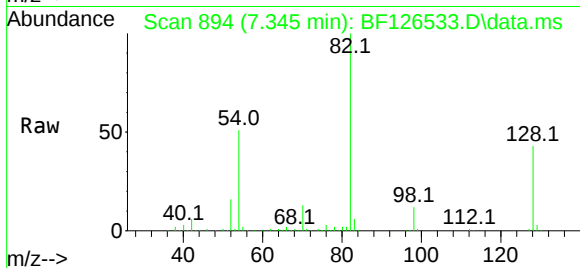
Tgt Ion: 82 Resp: 691566

Ion Ratio Lower Upper

82 100

128 43.5 32.7 49.1

54 50.8 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: BF126533.D

Acq: 7 Jan 2022 11:14

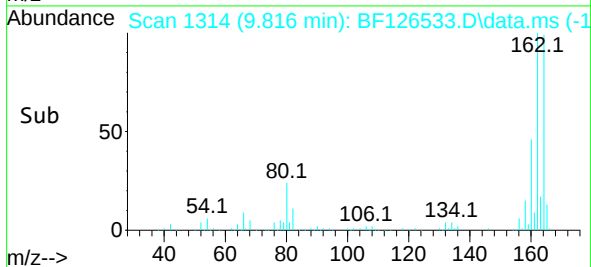
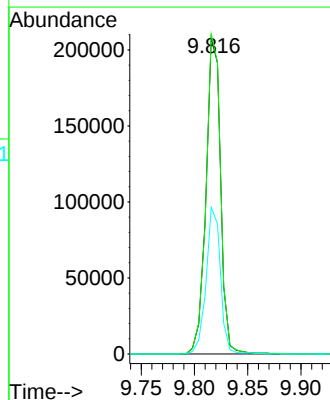
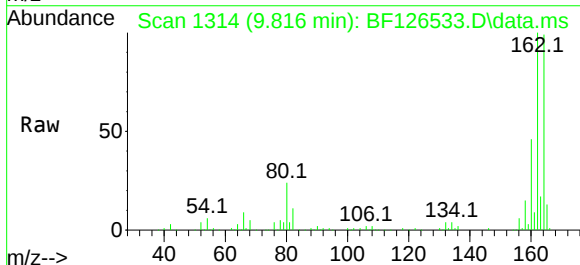
Tgt Ion:164 Resp: 199484

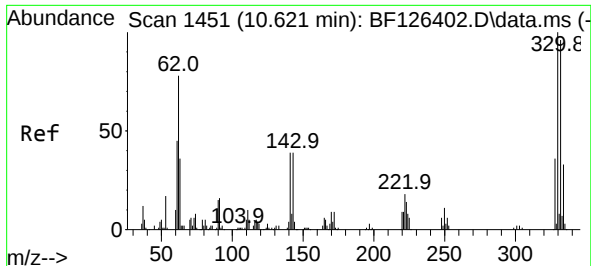
Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

160 46.3 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: BF126533.D

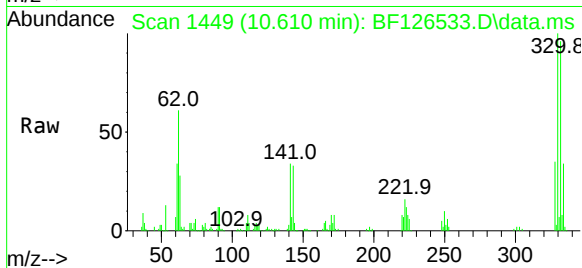
Acq: 7 Jan 2022 11:14

Instrument :

BNA_F

ClientSampleId :

PB141753BL



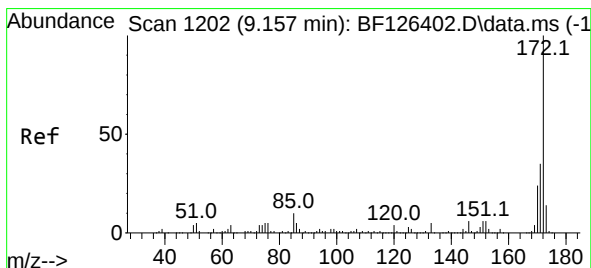
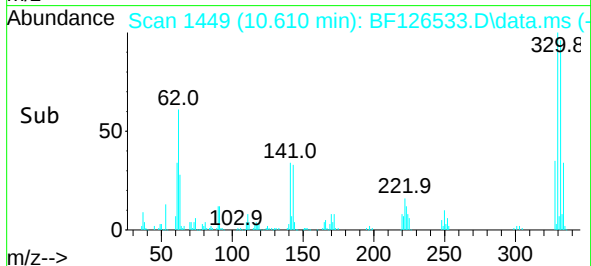
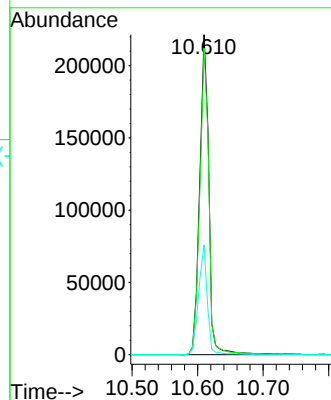
Tgt Ion:330 Resp: 214712

Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

141 33.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 87.665 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126533.D

Acq: 7 Jan 2022 11:14

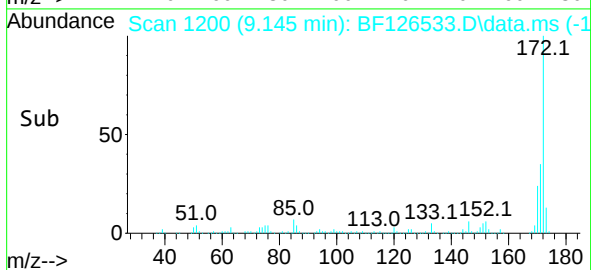
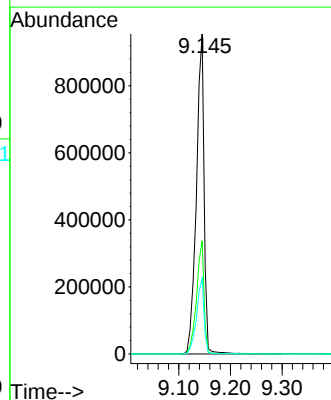
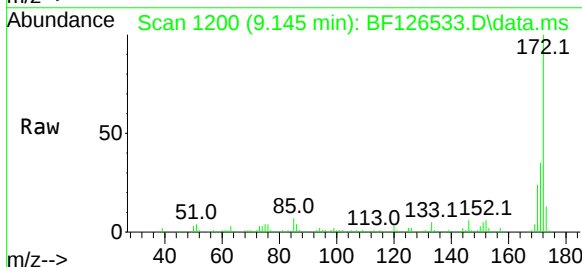
Tgt Ion:172 Resp: 993775

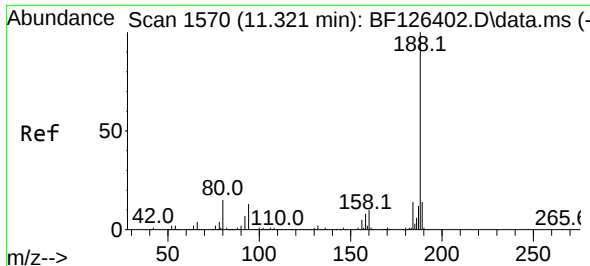
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 19.0 28.6

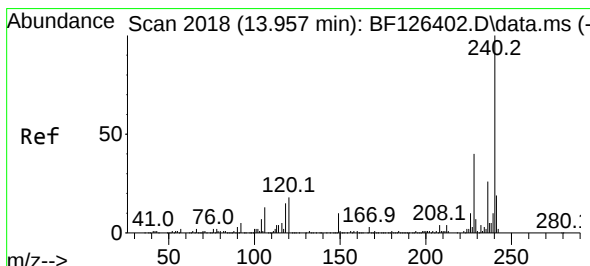
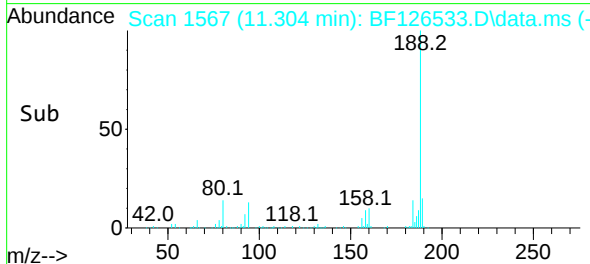
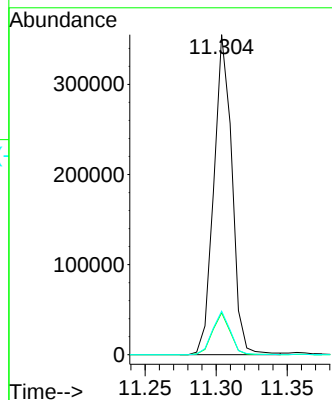
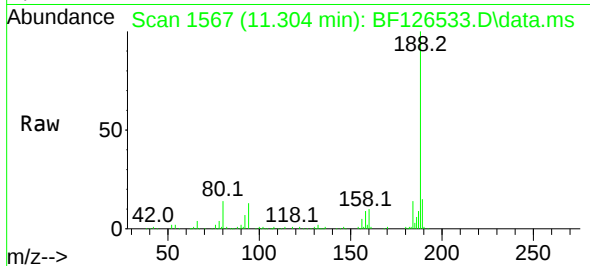




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

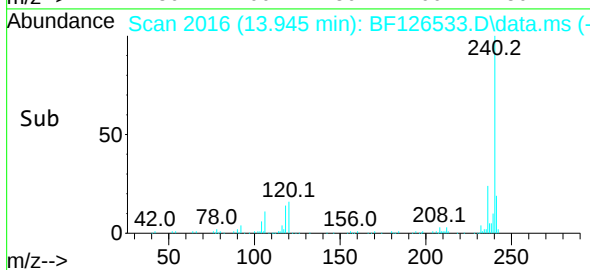
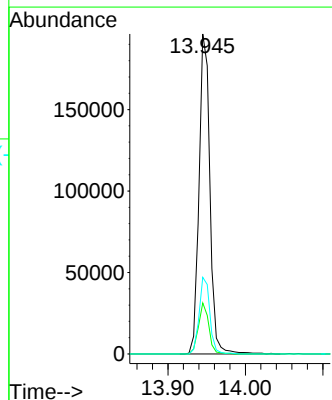
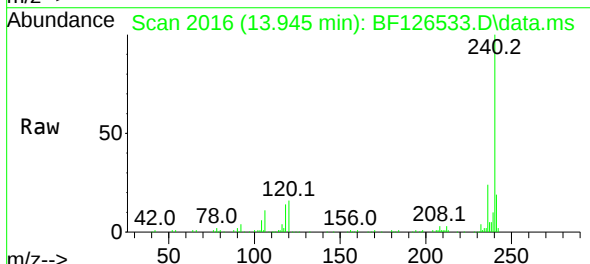
Instrument :
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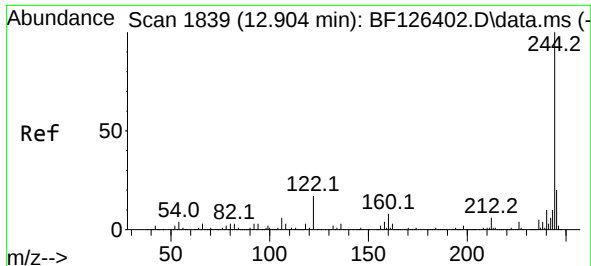
Tgt Ion:188 Resp: 314774
Ion Ratio Lower Upper
188 100
94 13.1 10.1 15.1
80 13.6 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

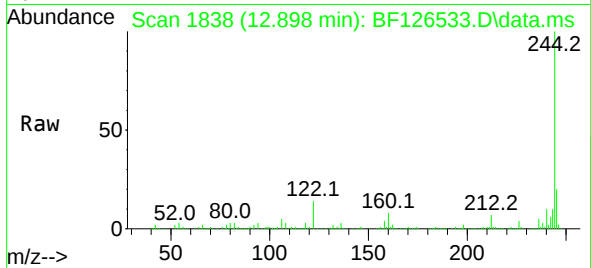
Tgt Ion:240 Resp: 190850
Ion Ratio Lower Upper
240 100
120 15.9 14.4 21.6
236 24.0 20.5 30.7



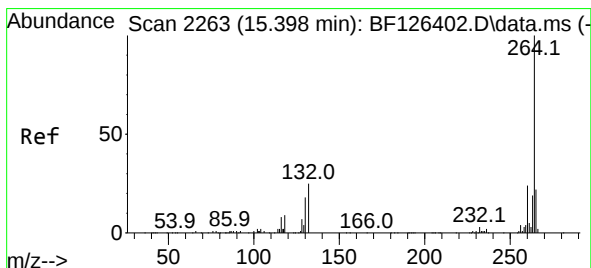
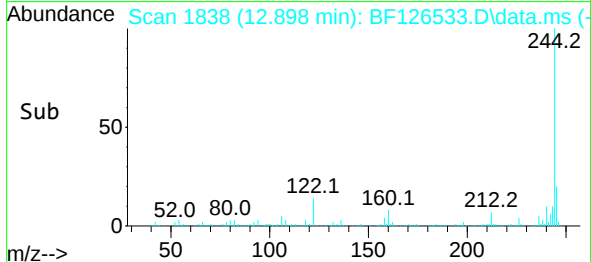
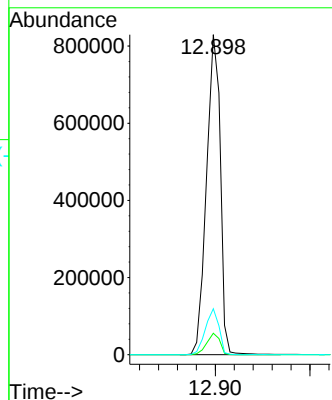


#79
 Terphenyl-d14
 Concen: 85.563 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF126533.D
 Acq: 7 Jan 2022 11:14

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 840468
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 14.3 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: BF126533.D
 Acq: 7 Jan 2022 11:14

Tgt Ion:264 Resp: 163119
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.7 17.4 26.2

