

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126539.D
 Acq On : 7 Jan 2022 13:55
 Operator : JU/CG
 Sample : PB141830TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141830TB

Quant Time: Jan 07 15:24:59 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	100260	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	418575	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	198662	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	308189	20.000	ng	0.00
76) Chrysene-d12	13.945	240	181891	20.000	ng	0.00
86) Perylene-d12	15.398	264	166790	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	833108	119.329	ng	0.01
7) Phenol-d6	6.416	99	1059682	117.187	ng	0.00
23) Nitrobenzene-d5	7.345	82	684333	83.946	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	208537	135.841	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	985280	87.275	ng	0.00
79) Terphenyl-d14	12.898	244	816198	87.185	ng	0.00

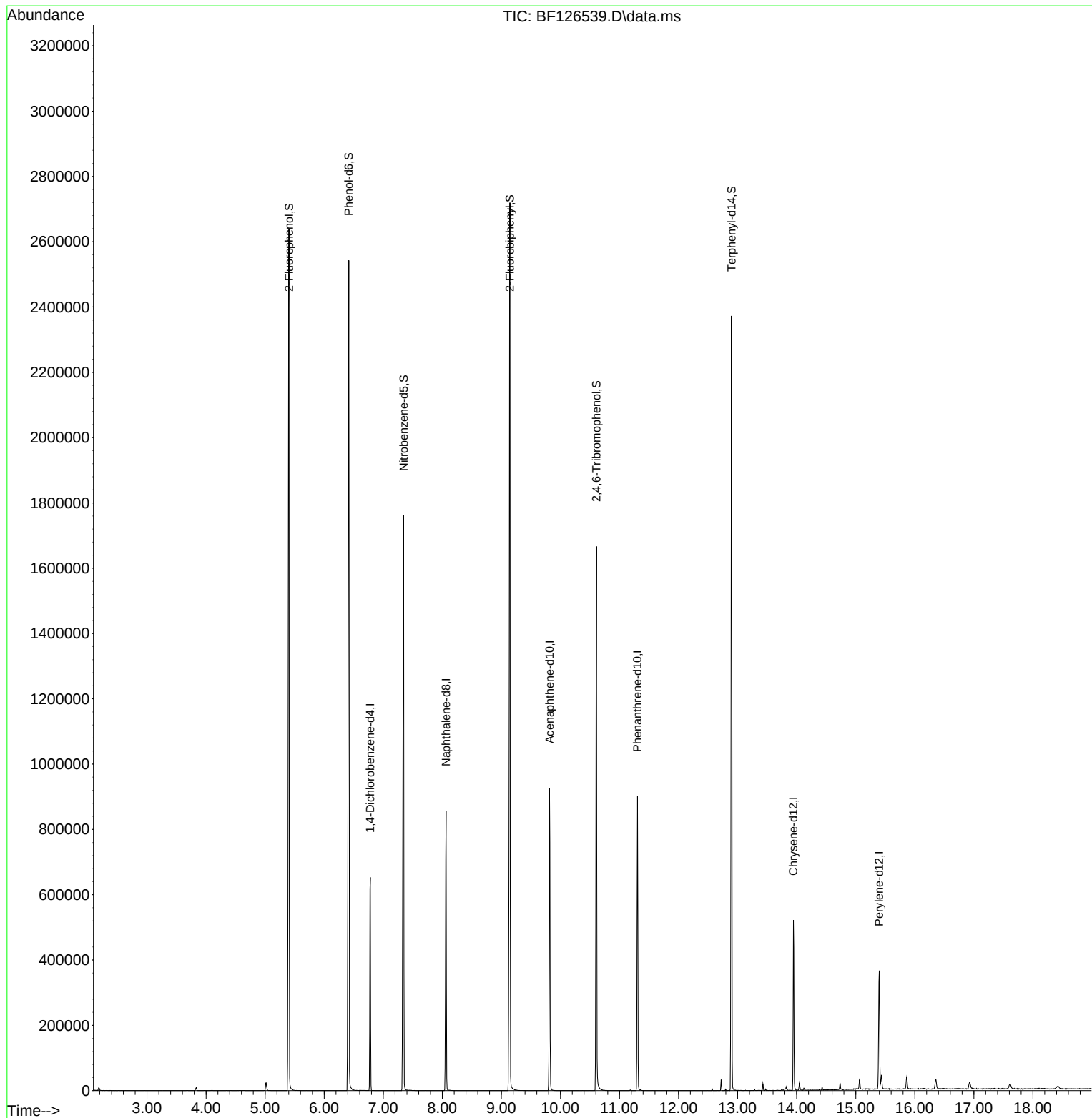
Target Compounds	Qvalue

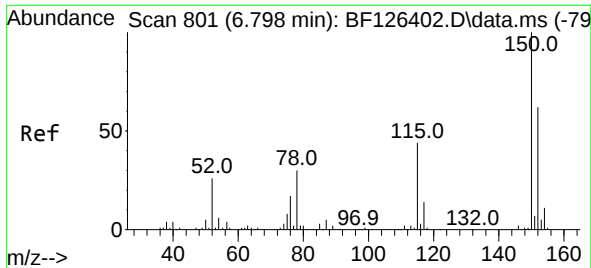
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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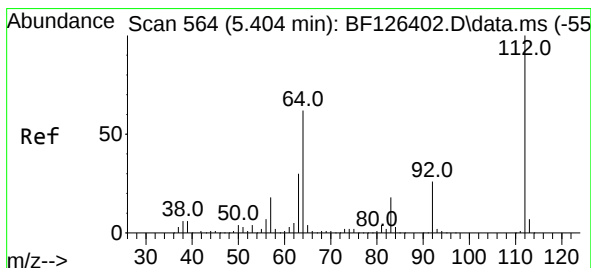
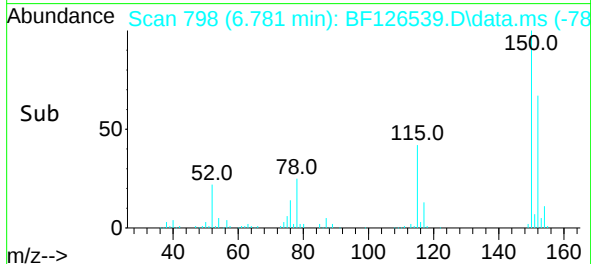
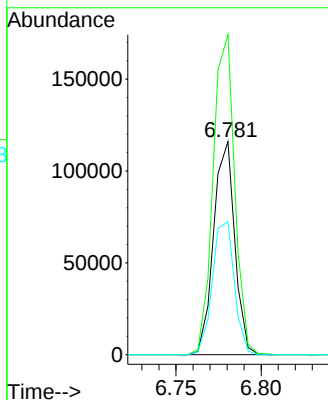
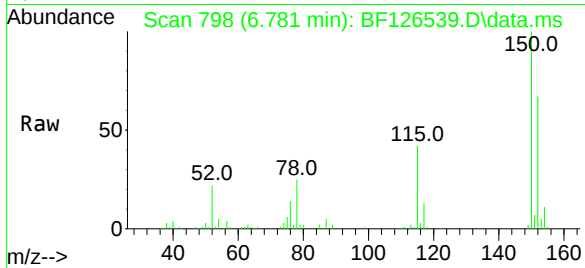




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

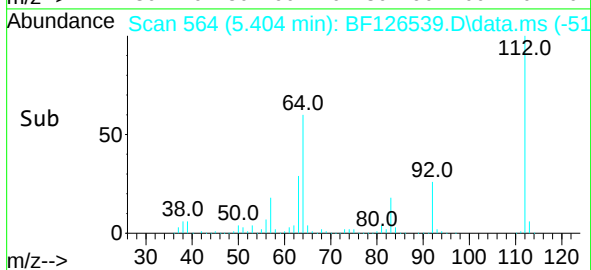
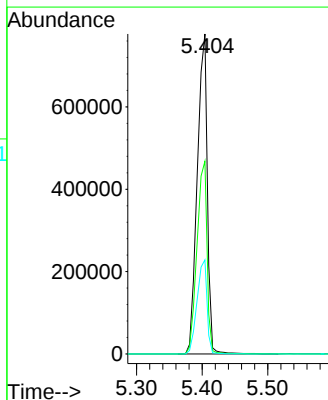
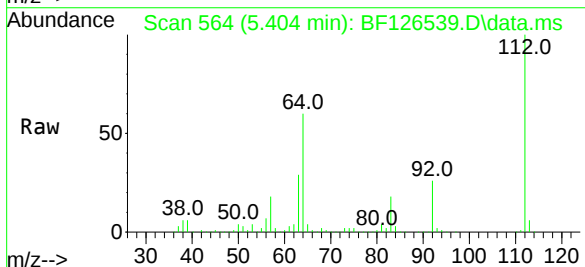
Instrument :
BNA_F
ClientSampleId :
PB141830TB

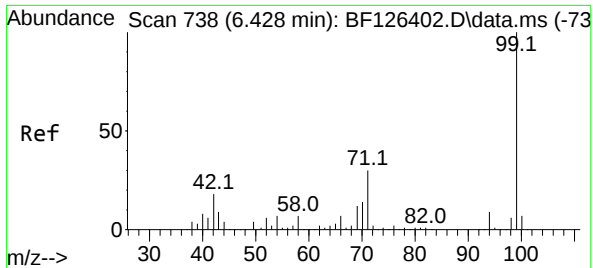
Tgt Ion:152 Resp: 100260
Ion Ratio Lower Upper
152 100
150 150.2 128.1 192.1
115 62.4 56.7 85.1



#5
2-Fluorophenol
Concen: 119.329 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

Tgt Ion:112 Resp: 833108
Ion Ratio Lower Upper
112 100
64 60.2 49.5 74.3
63 29.4 23.9 35.9



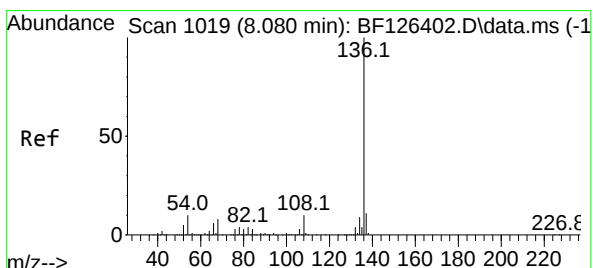
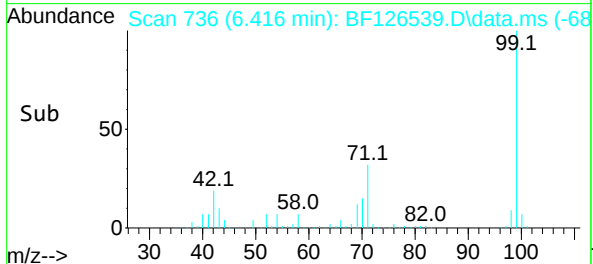
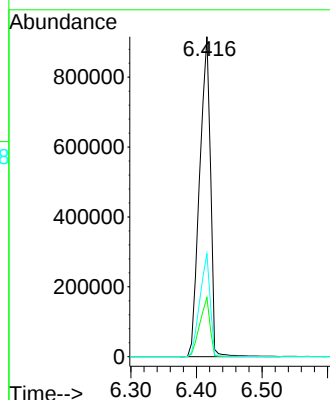
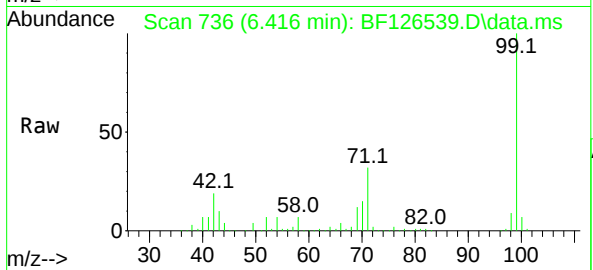


#7
Phenol-d6
Concen: 117.187 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

Instrument :
BNA_F
ClientSampleId :
PB141830TB

Tgt Ion: 99 Resp: 1059682

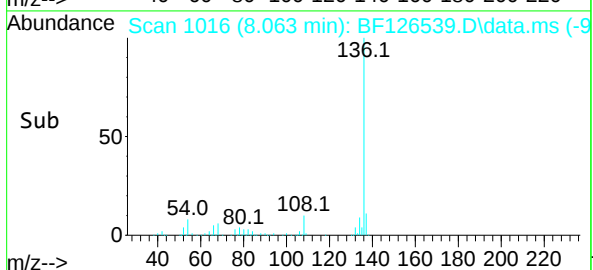
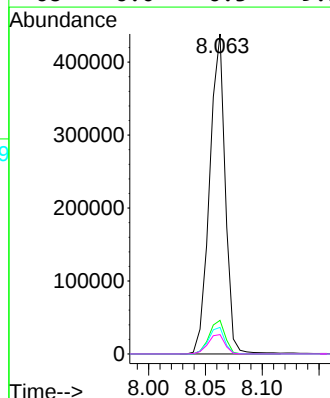
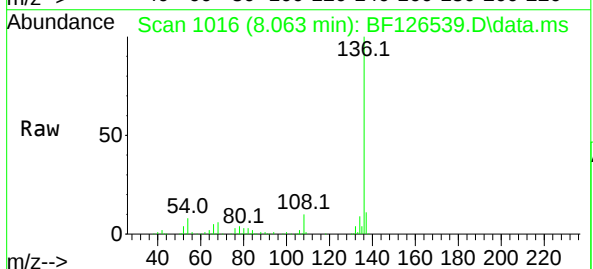
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.2	21.4
71	32.1	24.3	36.5

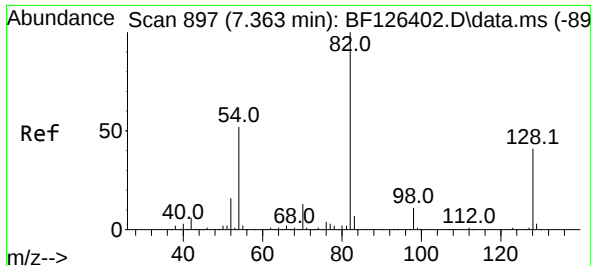


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

Tgt Ion: 136 Resp: 418575

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.3	7.8	11.6
68	6.0	6.3	9.5





#23

Nitrobenzene-d5

Concen: 83.946 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126539.D

Acq: 7 Jan 2022 13:55

Instrument :

BNA_F

ClientSampleId :

PB141830TB

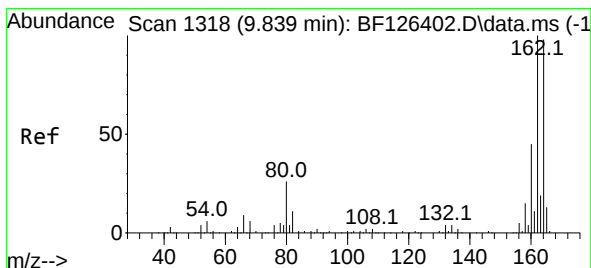
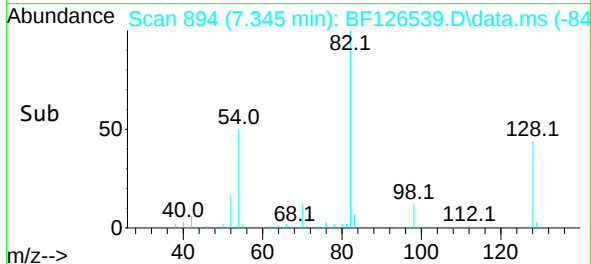
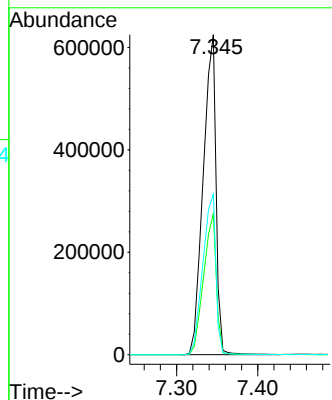
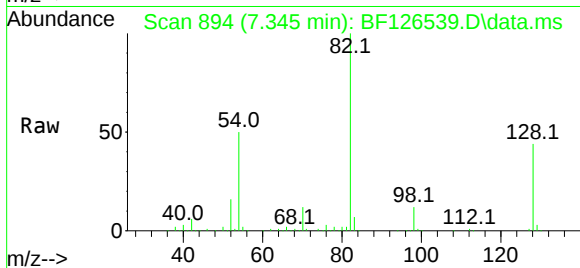
Tgt Ion: 82 Resp: 684333

Ion Ratio Lower Upper

82 100

128 44.1 32.7 49.1

54 50.1 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: BF126539.D

Acq: 7 Jan 2022 13:55

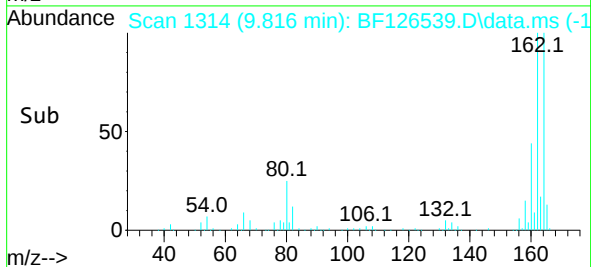
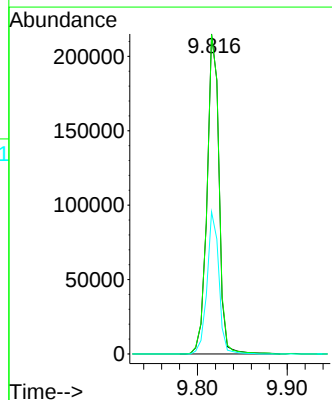
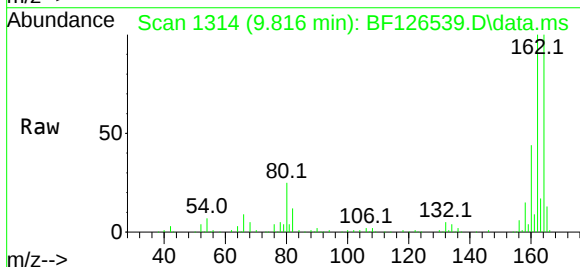
Tgt Ion:164 Resp: 198662

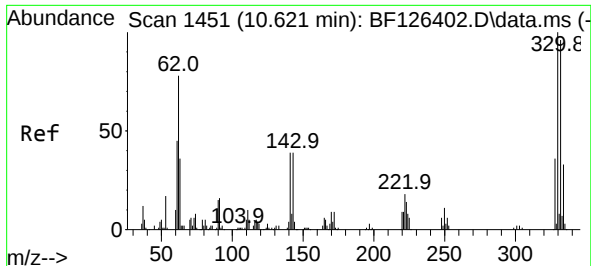
Ion Ratio Lower Upper

164 100

162 99.8 81.4 122.0

160 44.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 135.841 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126539.D

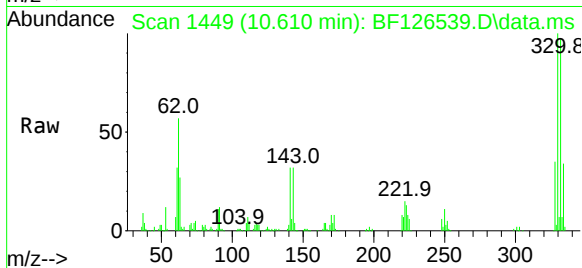
Acq: 7 Jan 2022 13:55

Instrument :

BNA_F

ClientSampleId :

PB141830TB



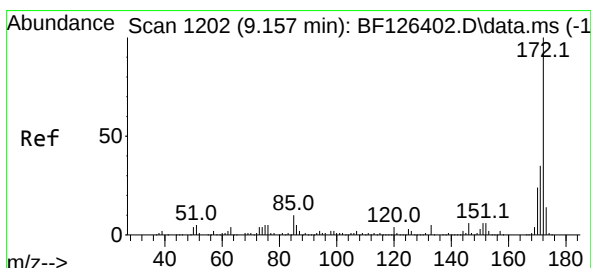
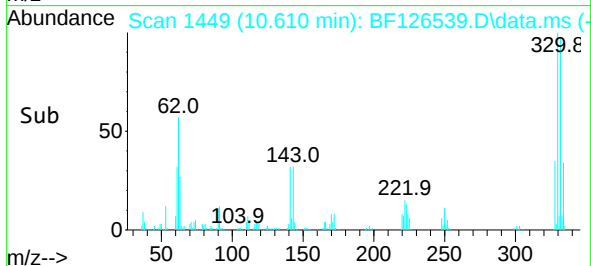
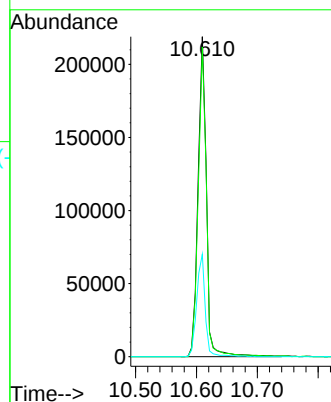
Tgt Ion:330 Resp: 208537

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

141 32.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 87.275 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126539.D

Acq: 7 Jan 2022 13:55

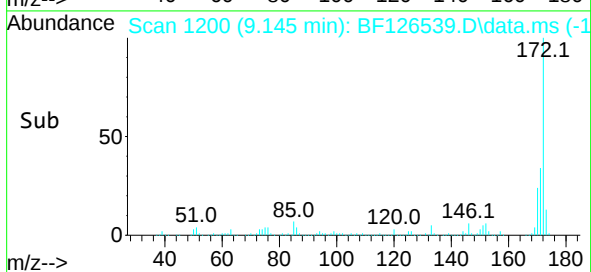
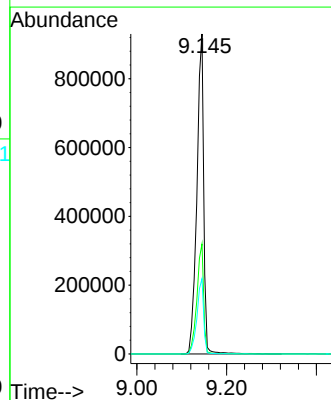
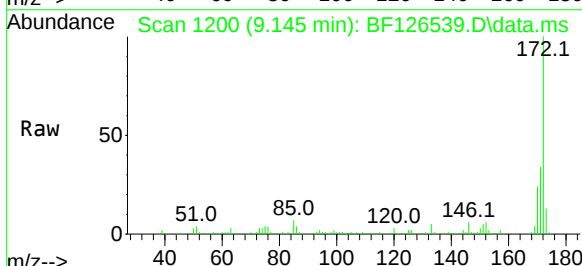
Tgt Ion:172 Resp: 985280

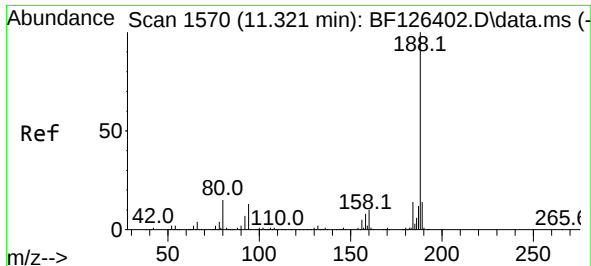
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 23.6 19.0 28.6

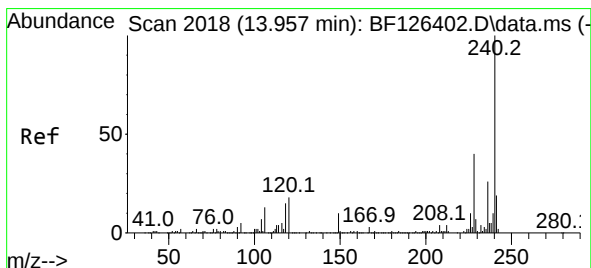
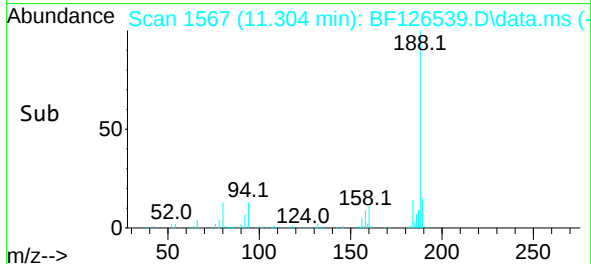
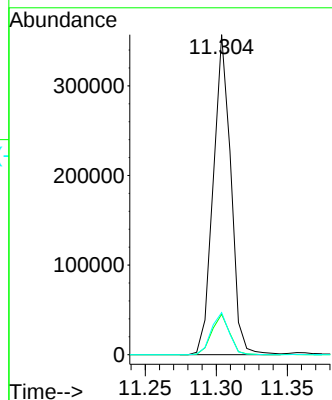
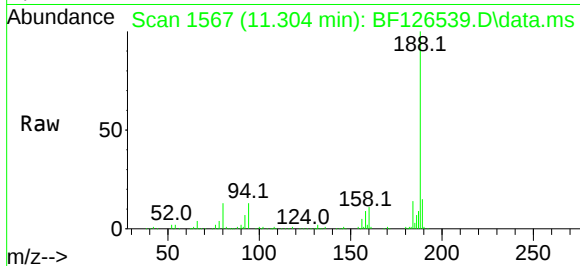




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

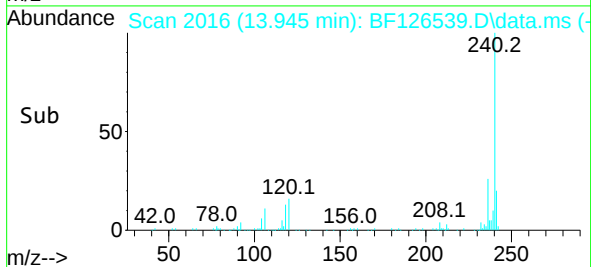
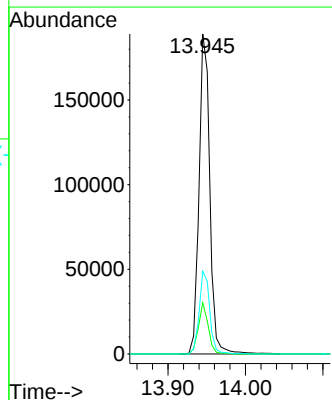
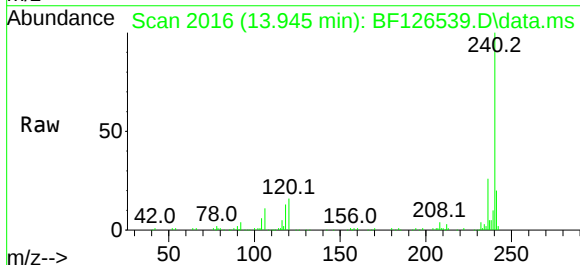
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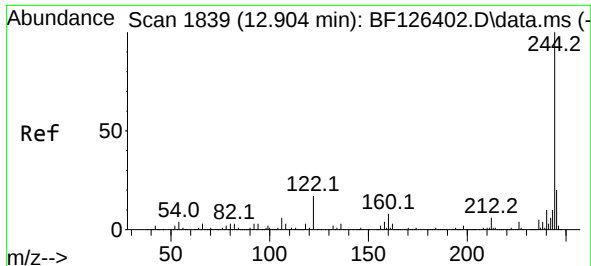
Tgt Ion:188 Resp: 308189
Ion Ratio Lower Upper
188 100
94 12.7 10.1 15.1
80 13.2 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126539.D
Acq: 7 Jan 2022 13:55

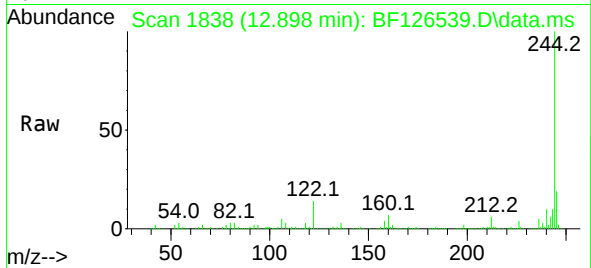
Tgt Ion:240 Resp: 181891
Ion Ratio Lower Upper
240 100
120 16.0 14.4 21.6
236 25.9 20.5 30.7



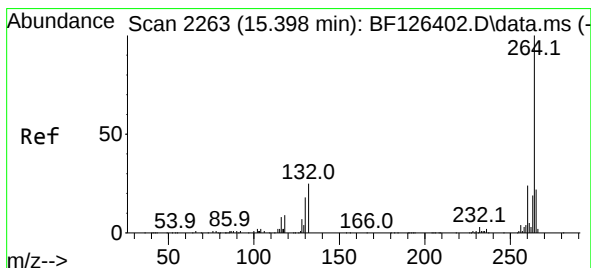
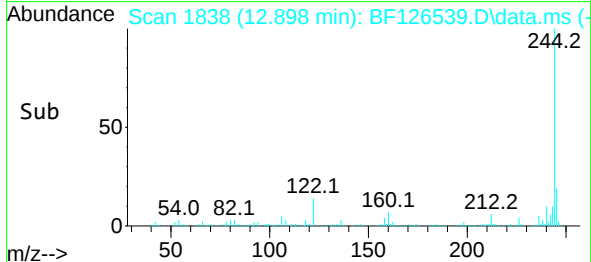
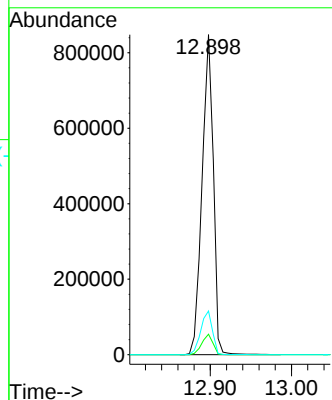


#79
 Terphenyl-d14
 Concen: 87.185 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.000 min
 Lab File: BF126539.D
 Acq: 7 Jan 2022 13:55

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 816198
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 13.6 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: BF126539.D
 Acq: 7 Jan 2022 13:55

Tgt Ion:264 Resp: 166790
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 18.5 17.4 26.2

