

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126990.D
 Acq On : 21 Feb 2022 23:09
 Operator : CG\JU
 Sample : N1602-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220077A-BERKELEY-4A-COMP

Quant Time: Feb 22 03:53:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	90936	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	366592	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	191546	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	335483	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	144659	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	166821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	600179	102.008	ng	0.00
7) Phenol-d6	6.539	99	790718	99.598	ng	0.00
23) Nitrobenzene-d5	7.481	82	554896	68.323	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	170904	77.494	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	871842	67.007	ng	0.00
79) Terphenyl-d14	13.027	244	760132	77.245	ng	-0.01

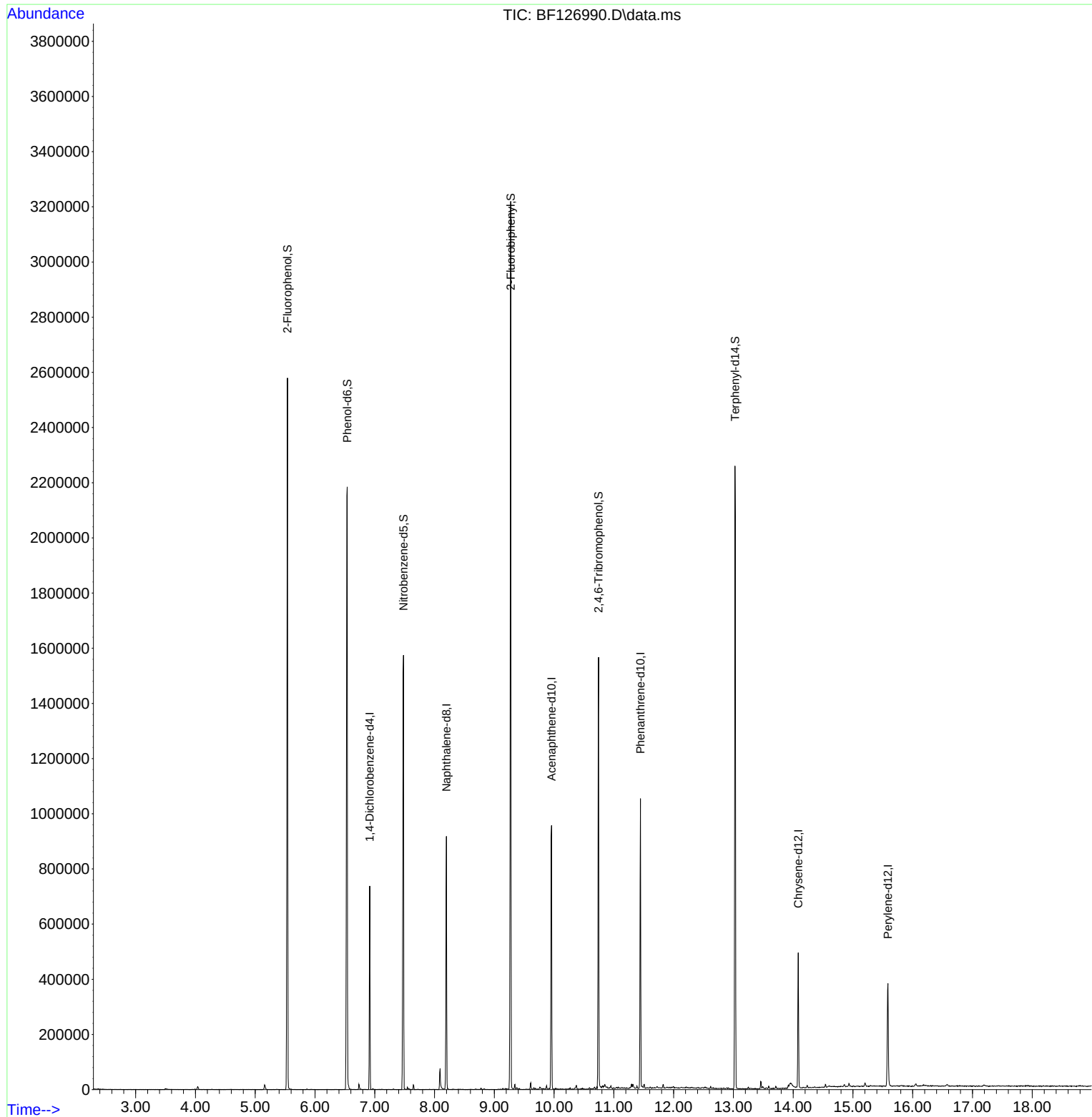
Target Compounds	Qvalue

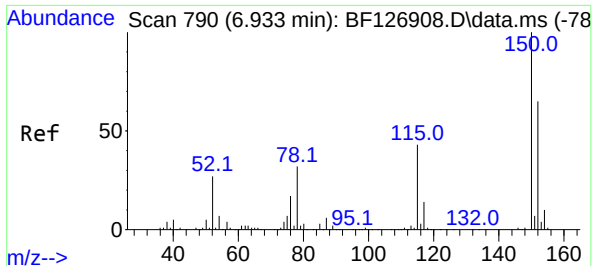
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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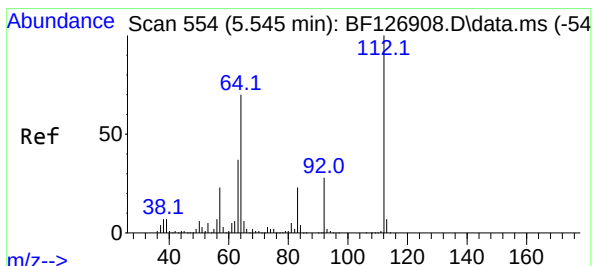
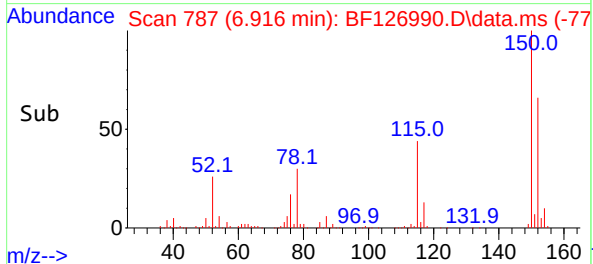
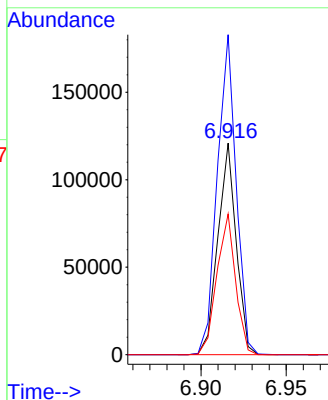
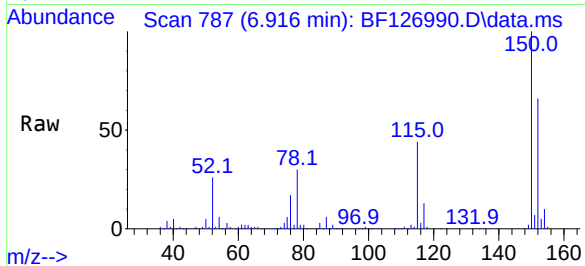




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126990.D
Acq: 21 Feb 2022 23:09

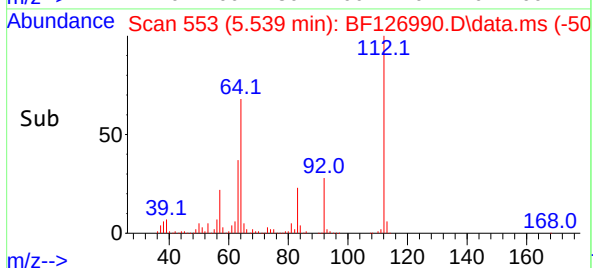
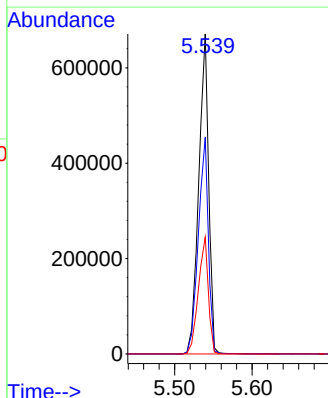
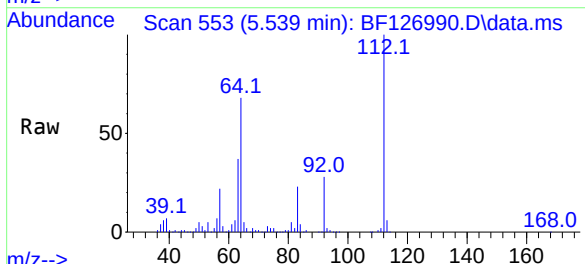
Instrument :
BNA_F
ClientSampleId :
20220077A-BERKELEY-4A-COMP

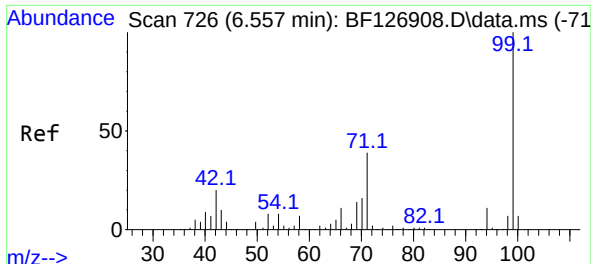
Tgt Ion:152 Resp: 90936
Ion Ratio Lower Upper
152 100
150 151.2 128.1 192.1
115 66.5 56.7 85.1



#5
2-Fluorophenol
Concen: 102.008 ng
RT: 5.539 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF126990.D
Acq: 21 Feb 2022 23:09

Tgt Ion:112 Resp: 600179
Ion Ratio Lower Upper
112 100
64 67.7 49.5 74.3
63 36.5 23.9 35.9#

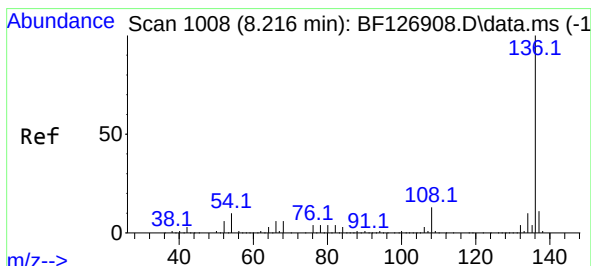
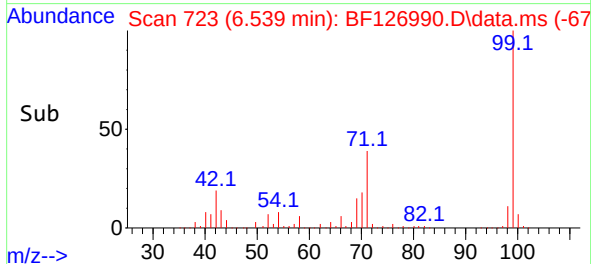
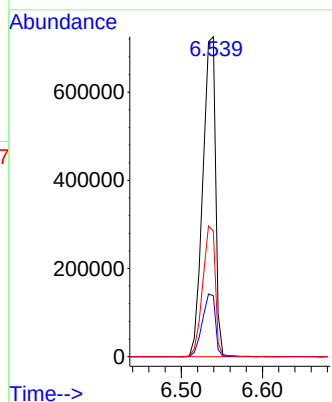
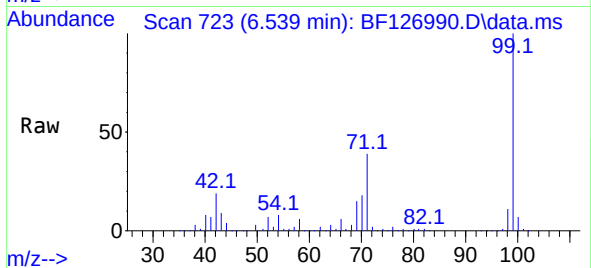




#7
Phenol-d6
Concen: 99.598 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126990.D
Acq: 21 Feb 2022 23:09

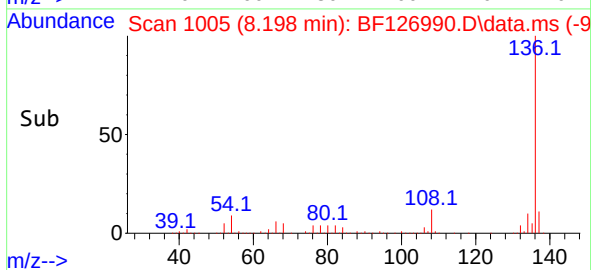
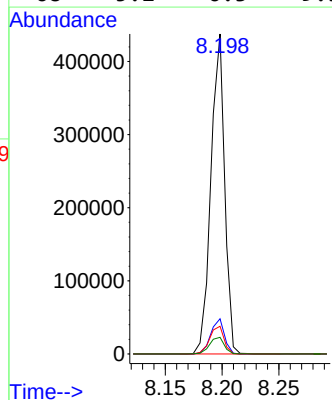
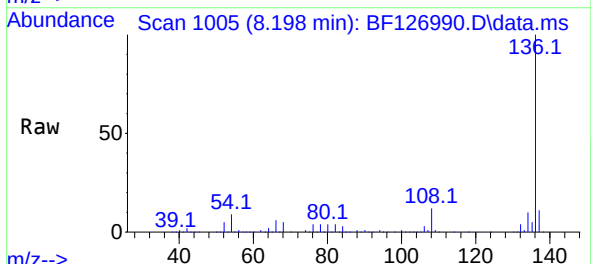
Instrument :
BNA_F
ClientSampleId :
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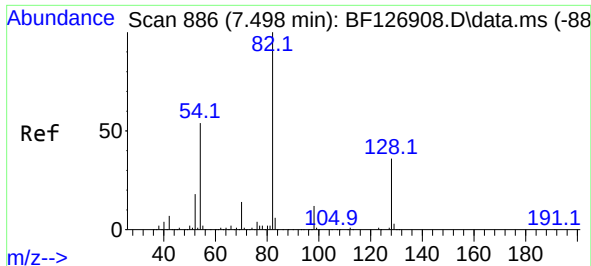
Tgt Ion: 99 Resp: 790718
Ion Ratio Lower Upper
99 100
42 19.0 14.2 21.4
71 39.3 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF126990.D
Acq: 21 Feb 2022 23:09

Tgt Ion:136 Resp: 366592
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.8 11.6
68 5.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 68.323 ng

RT: 7.481 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

Instrument :

BNA_F

ClientSampleId :

20220077A-BERKELEY-4A-COMP

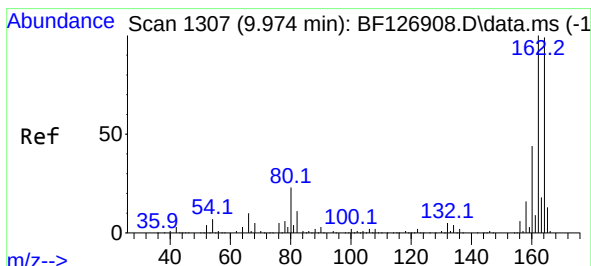
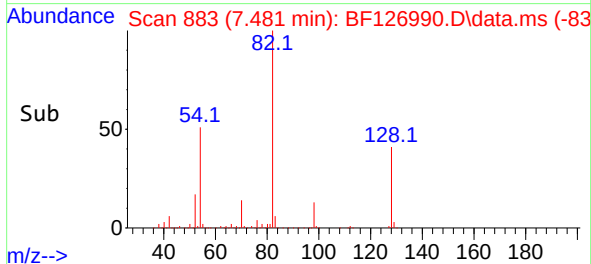
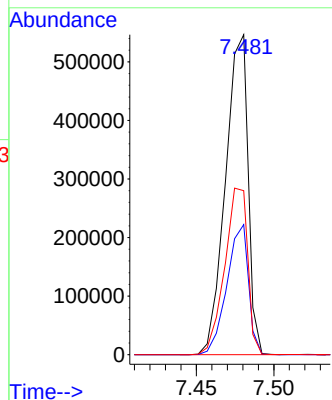
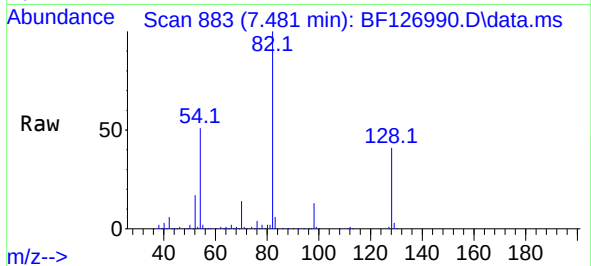
Tgt Ion: 82 Resp: 554896

Ion Ratio Lower Upper

82 100

128 40.7 32.7 49.1

54 51.2 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

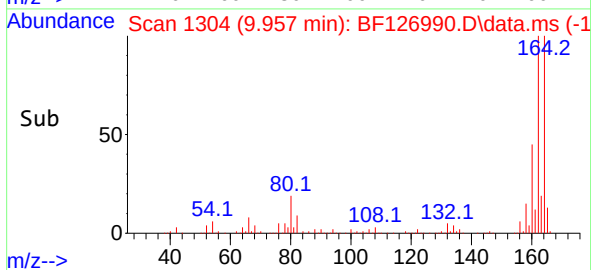
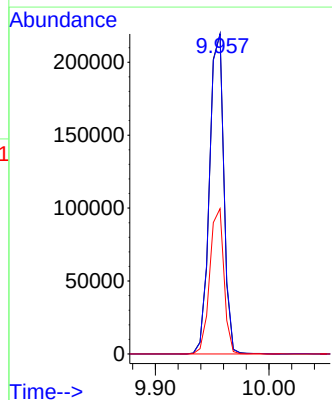
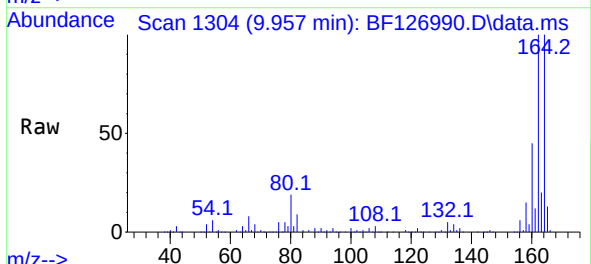
Tgt Ion: 164 Resp: 191546

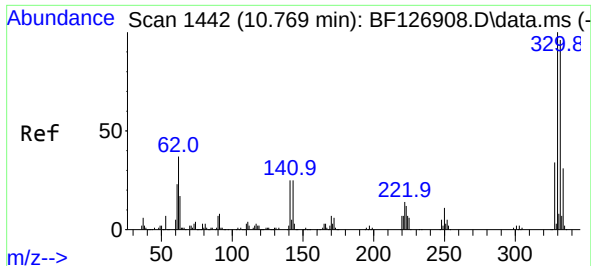
Ion Ratio Lower Upper

164 100

162 99.9 81.4 122.0

160 45.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 77.494 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF126990.D

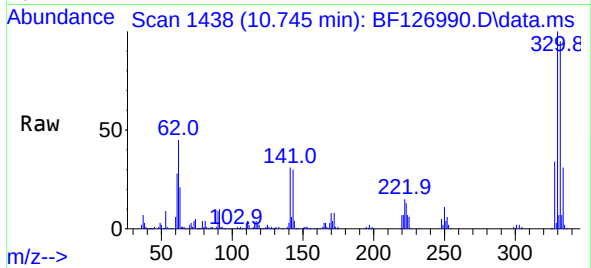
Acq: 21 Feb 2022 23:09

Instrument :

BNA_F

ClientSampleId :

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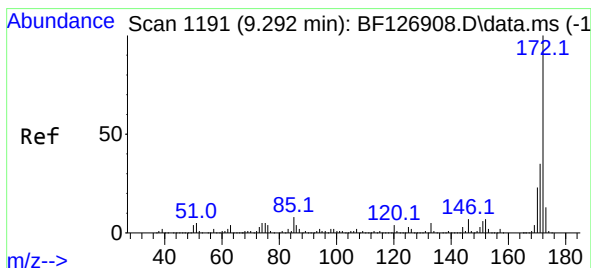
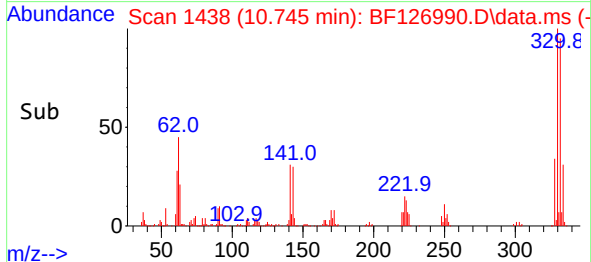
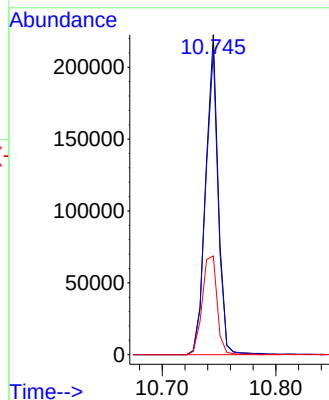
Tgt Ion:330 Resp: 170904

Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

141 36.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 67.007 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126990.D

Acq: 21 Feb 2022 23:09

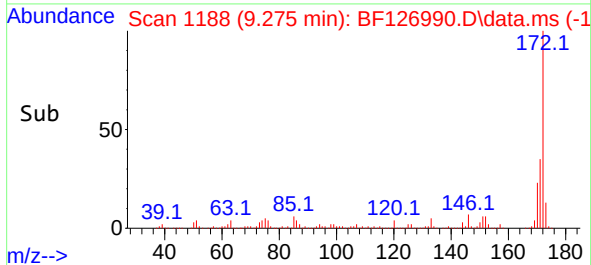
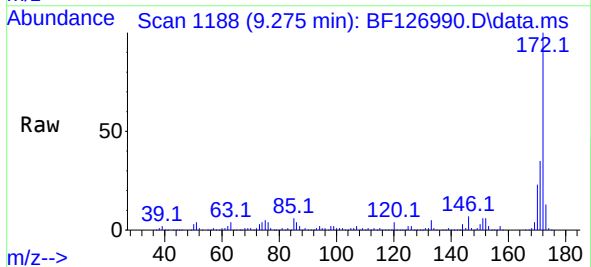
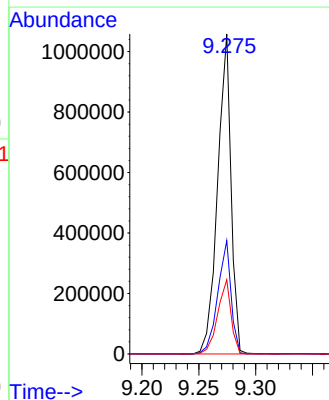
Tgt Ion:172 Resp: 871842

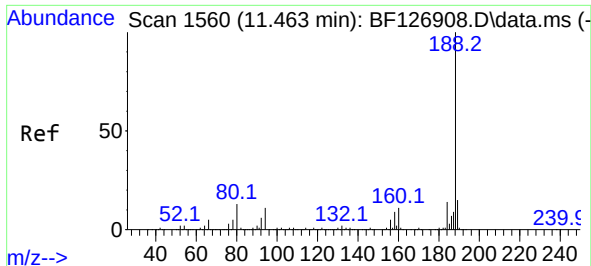
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.6

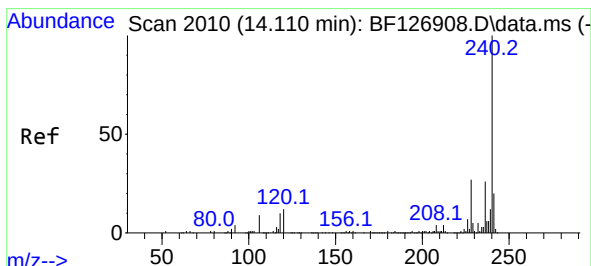
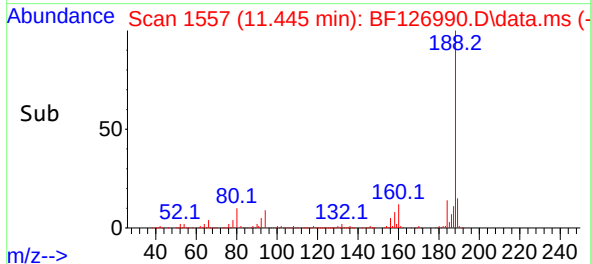
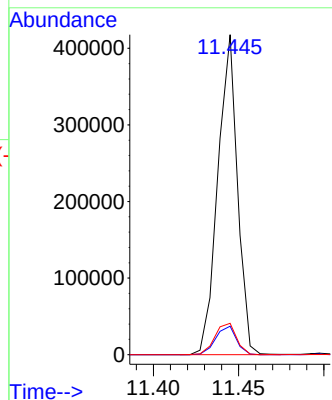
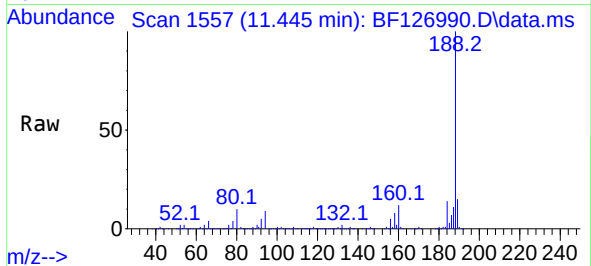




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126990.D
Acq: 21 Feb 2022 23:09

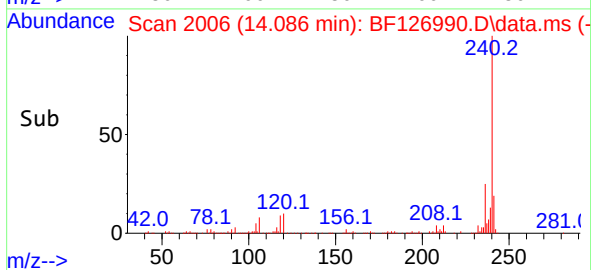
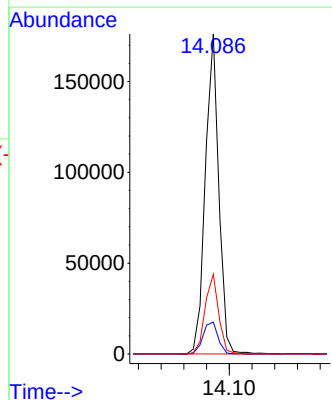
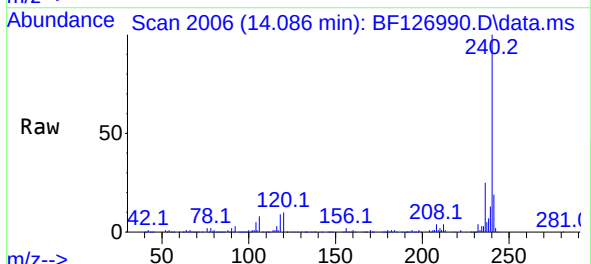
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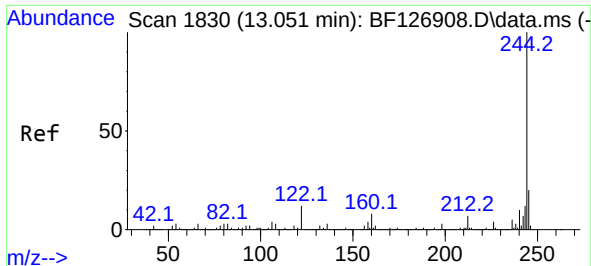
Tgt Ion:188 Resp: 335483
Ion Ratio Lower Upper
188 100
94 8.9 10.1 15.1#
80 9.8 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF126990.D
Acq: 21 Feb 2022 23:09

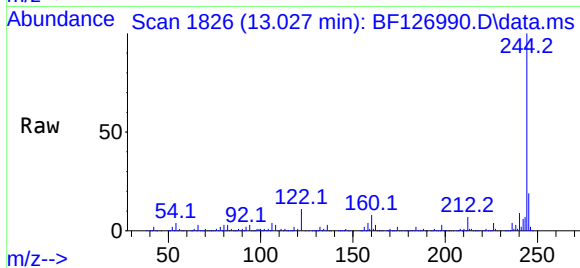
Tgt Ion:240 Resp: 144659
Ion Ratio Lower Upper
240 100
120 10.0 14.4 21.6#
236 24.9 20.5 30.7



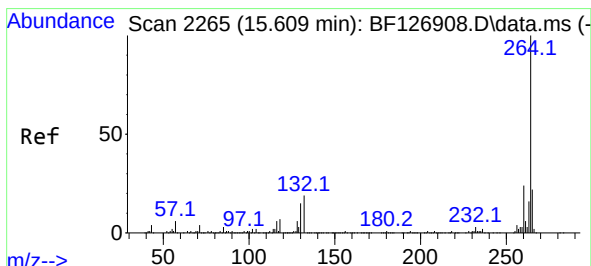
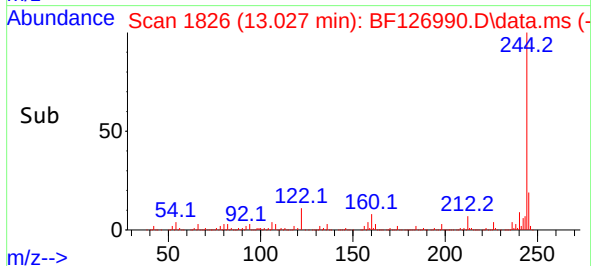
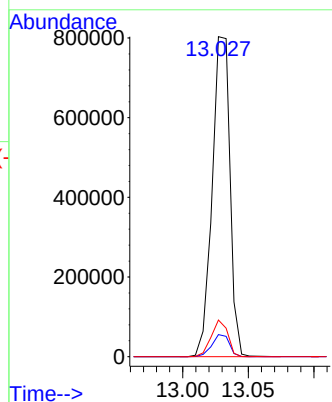


#79
 Terphenyl-d14
 Concen: 77.245 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.012 min
 Lab File: BF126990.D
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Tgt Ion:244 Resp: 760132
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 11.5 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF126990.D
 Acq: 21 Feb 2022 23:09

Tgt Ion:264 Resp: 166821
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 20.9 17.4 26.2

