

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127012.D
 Acq On : 22 Feb 2022 16:54
 Operator : CG\JU
 Sample : N1626-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-A3

Quant Time: Feb 22 23:58:30 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)

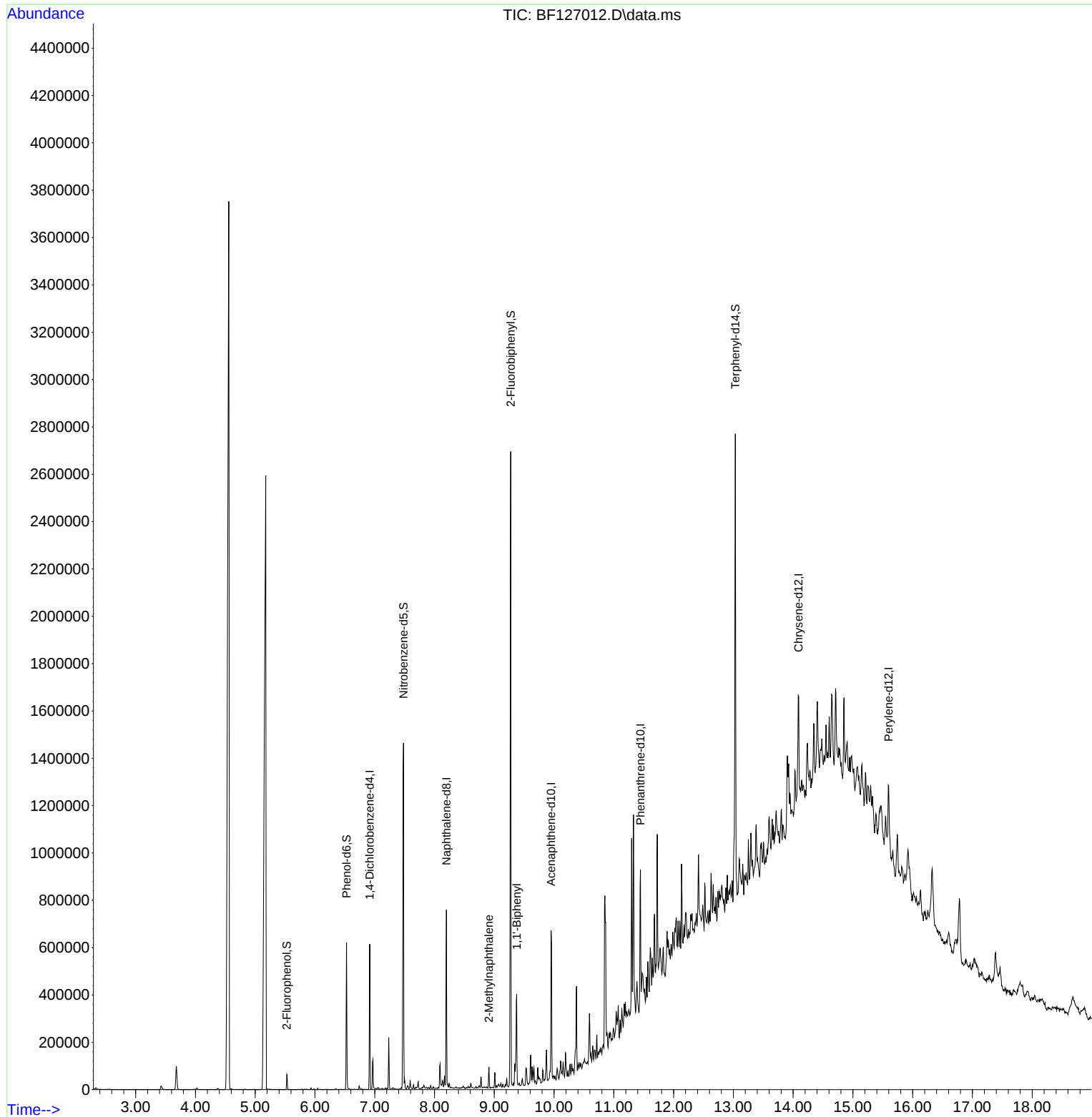
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	71297	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	274914	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	121984	20.000	ng	-0.01
64) Phenanthrene-d10	11.445	188	172776	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	123424	20.000	ng	# 0.00
86) Perylene-d12	15.598	264	118854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	15287	3.314	ng	-0.01
7) Phenol-d6	6.528	99	159770	25.668	ng	-0.02
23) Nitrobenzene-d5	7.481	82	477722	78.436	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	423	0.301	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	705991	85.202	ng	0.00
79) Terphenyl-d14	13.033	244	581304	69.236	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.910	142	20496	2.201	ng	93
46) 1,1'-Biphenyl	9.375	154	100263	10.374	ng	96

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

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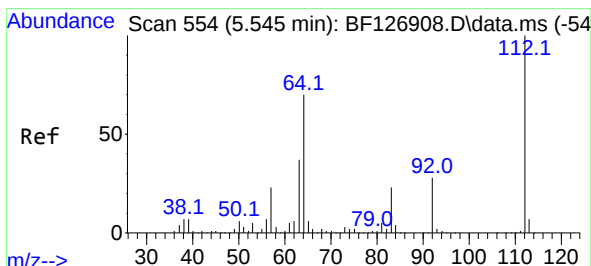
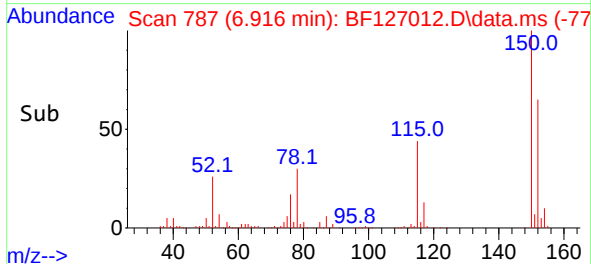
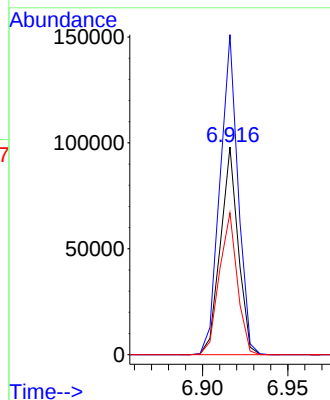
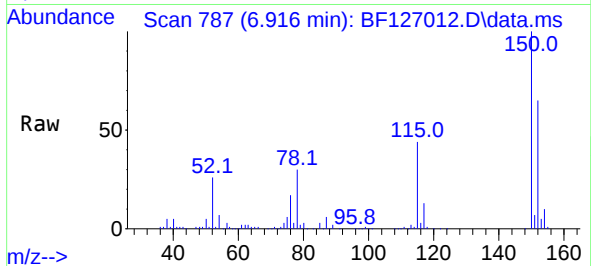




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127012.D
Acq: 22 Feb 2022 16:54

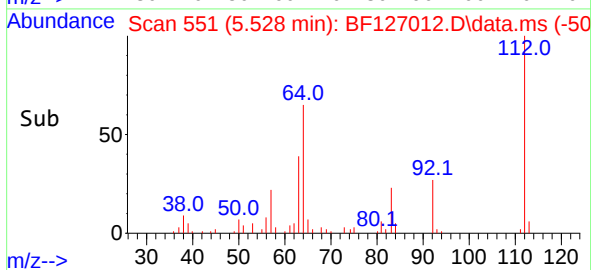
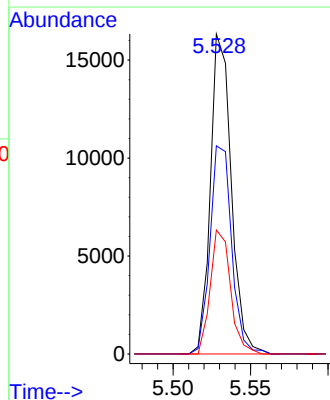
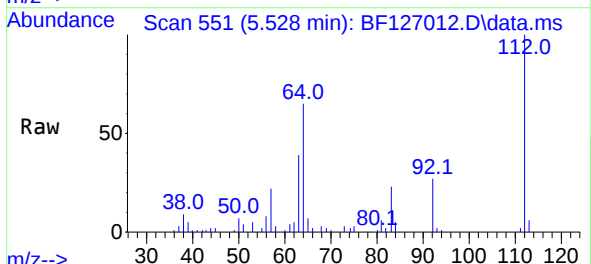
Instrument :
BNA_F
ClientSampleId :
CC-A3

Tgt Ion:152 Resp: 71297
Ion Ratio Lower Upper
152 100
150 154.1 128.1 192.1
115 68.4 56.7 85.1



#5
2-Fluorophenol
Concen: 3.314 ng
RT: 5.528 min Scan# 551
Delta R.T. -0.012 min
Lab File: BF127012.D
Acq: 22 Feb 2022 16:54

Tgt Ion:112 Resp: 15287
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 38.7 23.9 35.9#

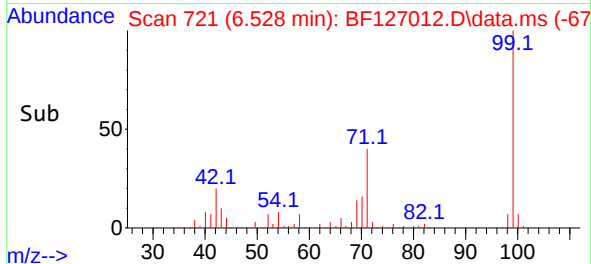
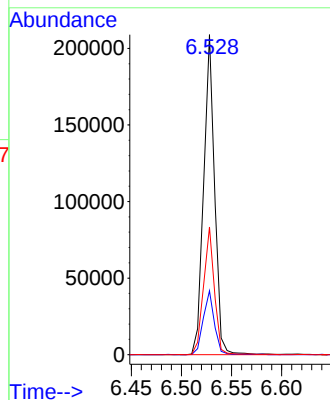
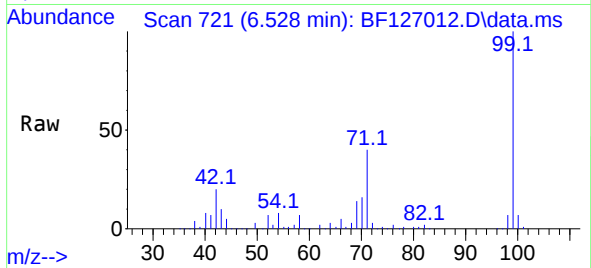




#7
Phenol-d6
Concen: 25.668 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127012.D
Acq: 22 Feb 2022 16:54

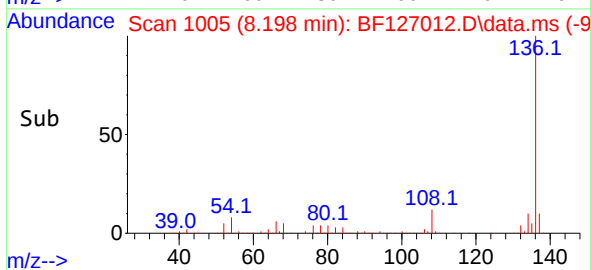
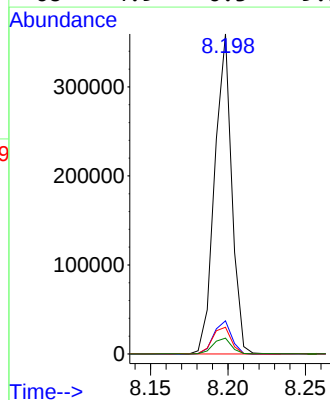
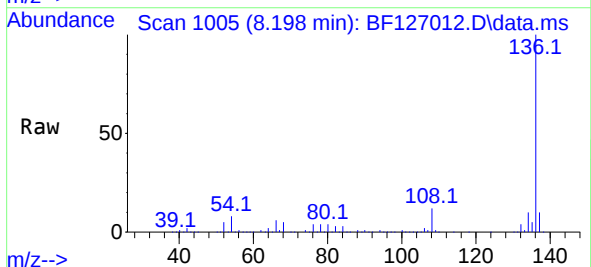
Instrument :
BNA_F
ClientSampleId :
CC-A3

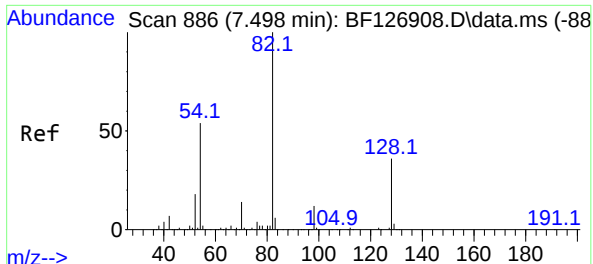
Tgt Ion: 99 Resp: 159770
Ion Ratio Lower Upper
99 100
42 20.0 14.2 21.4
71 39.9 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF127012.D
Acq: 22 Feb 2022 16:54

Tgt Ion: 136 Resp: 274914
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.3 7.8 11.6
68 4.9 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 78.436 ng

RT: 7.481 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127012.D

Acq: 22 Feb 2022 16:54

Instrument :

BNA_F

ClientSampleId :

CC-A3

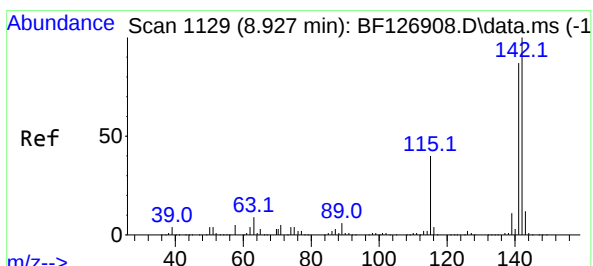
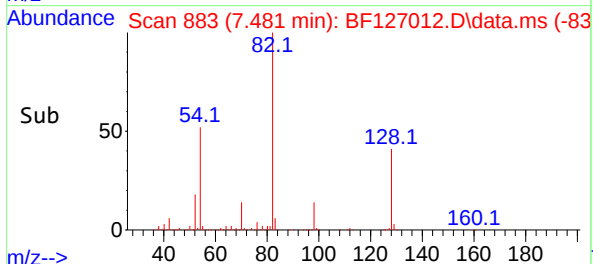
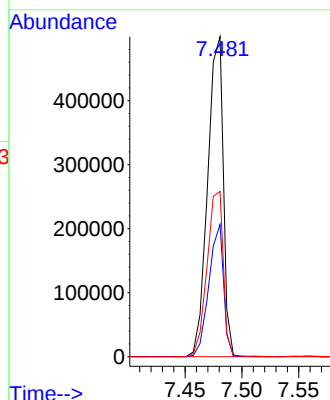
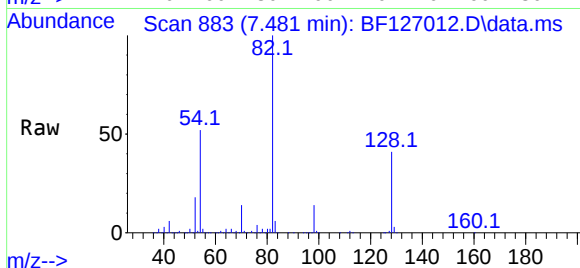
Tgt Ion: 82 Resp: 477722

Ion Ratio Lower Upper

82 100

128 41.3 32.7 49.1

54 51.7 41.7 62.5



#37

2-Methylnaphthalene

Concen: 2.201 ng

RT: 8.910 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BF127012.D

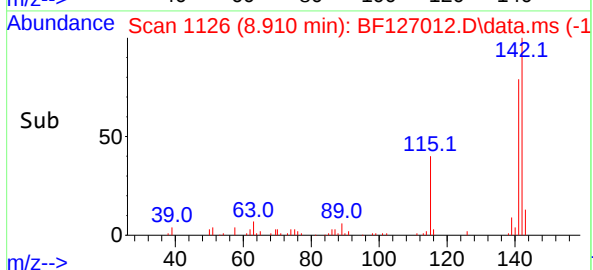
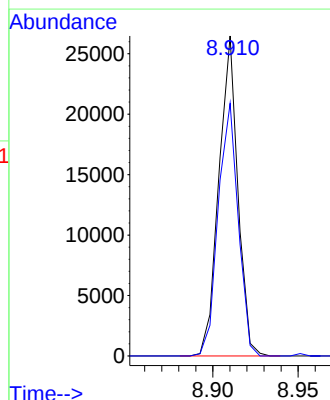
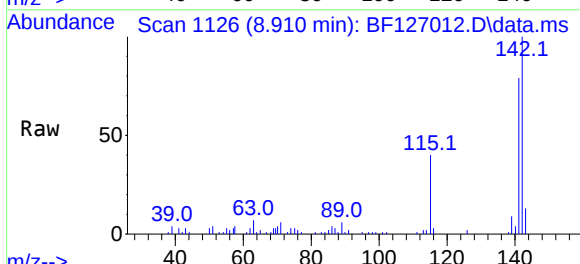
Acq: 22 Feb 2022 16:54

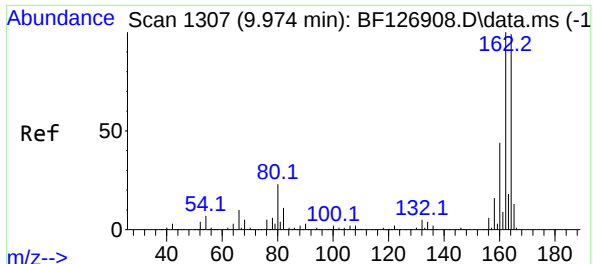
Tgt Ion:142 Resp: 20496

Ion Ratio Lower Upper

142 100

141 79.0 68.6 102.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127012.D

Acq: 22 Feb 2022 16:54

Instrument :

BNA_F

ClientSampleId :

CC-A3

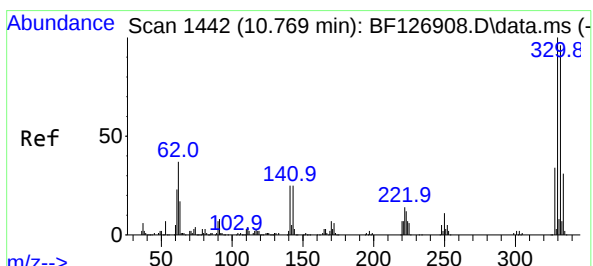
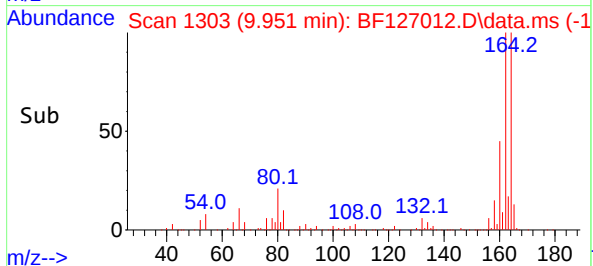
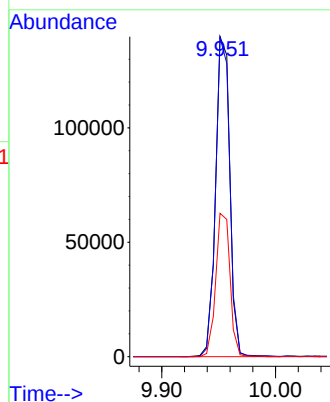
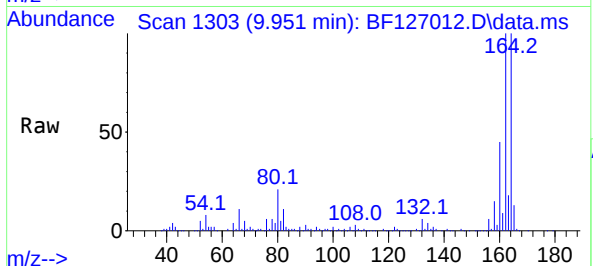
Tgt Ion:164 Resp: 121984

Ion Ratio Lower Upper

164 100

162 99.7 81.4 122.0

160 44.8 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 0.301 ng

RT: 10.745 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF127012.D

Acq: 22 Feb 2022 16:54

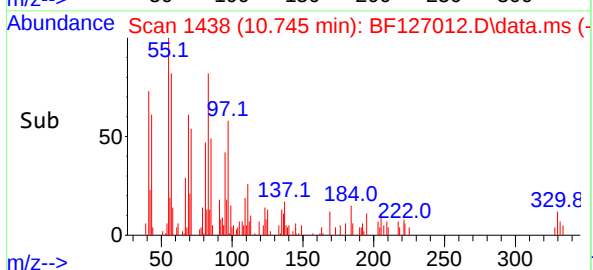
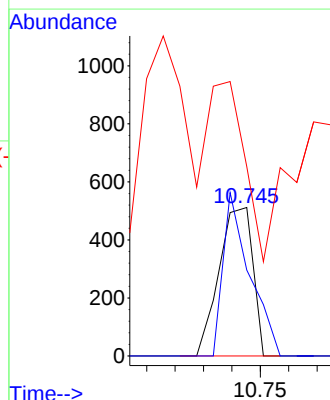
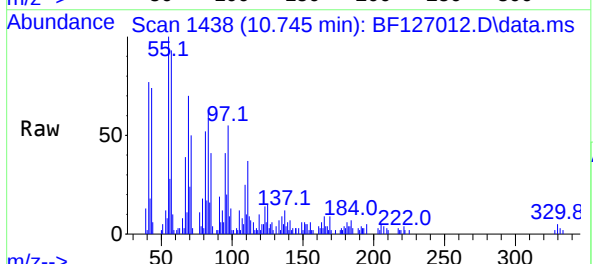
Tgt Ion:330 Resp: 423

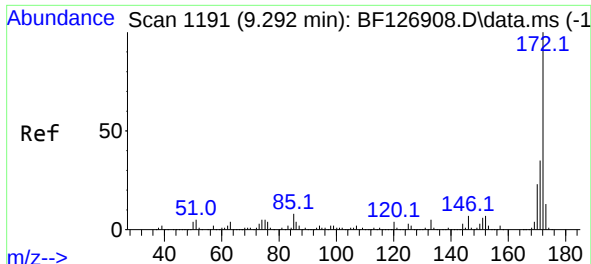
Ion Ratio Lower Upper

330 100

332 86.5 76.0 114.0

141 129.8 30.1 45.1#





#45

2-Fluorobiphenyl

Concen: 85.202 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127012.D

Acq: 22 Feb 2022 16:54

Instrument :

BNA_F

ClientSampleId :

CC-A3

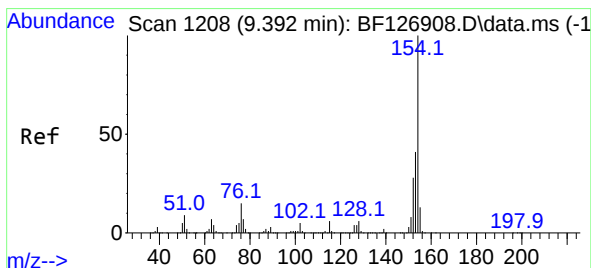
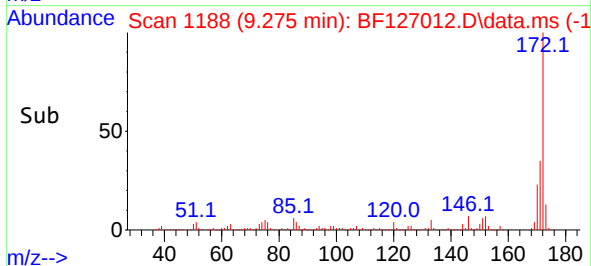
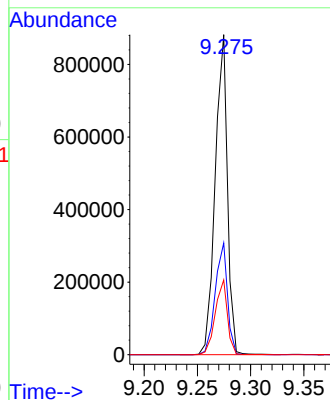
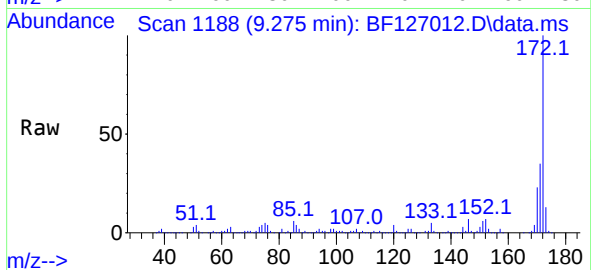
Tgt Ion:172 Resp: 705991

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 10.374 ng

RT: 9.375 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF127012.D

Acq: 22 Feb 2022 16:54

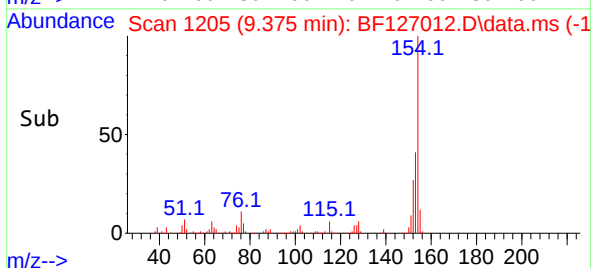
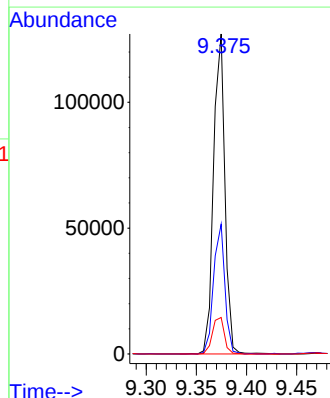
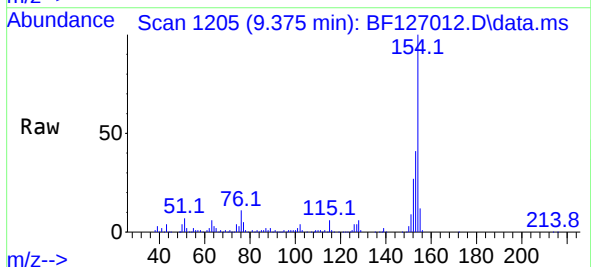
Tgt Ion:154 Resp: 100263

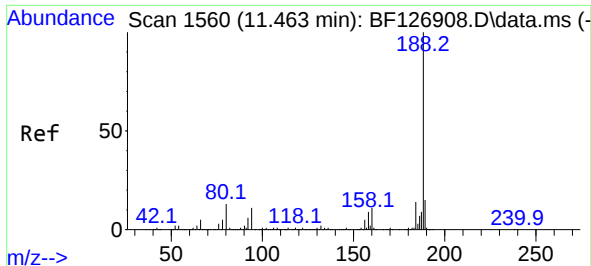
Ion Ratio Lower Upper

154 100

153 40.5 19.0 59.0

76 11.4 0.0 34.5

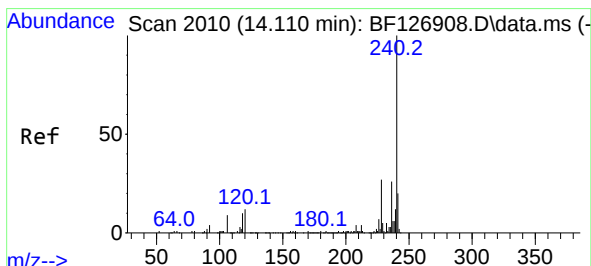
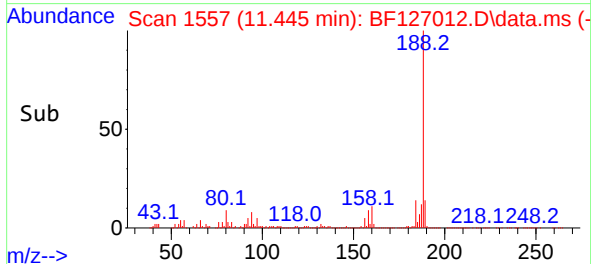
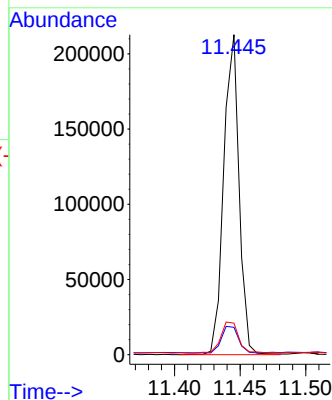
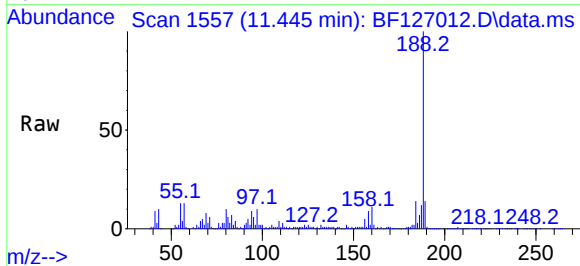




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127012.D
Acq: 22 Feb 2022 16:54

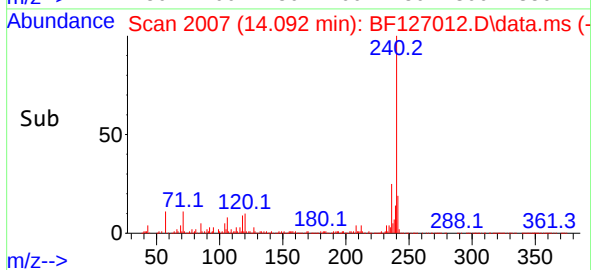
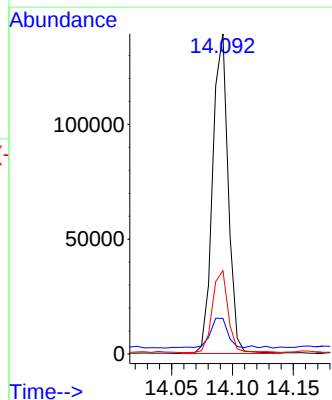
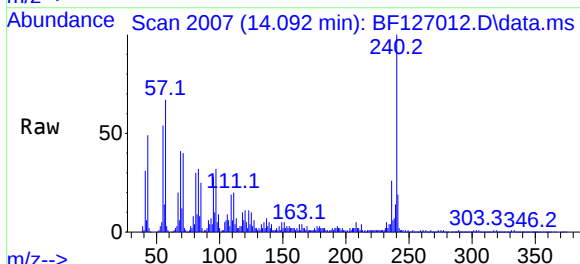
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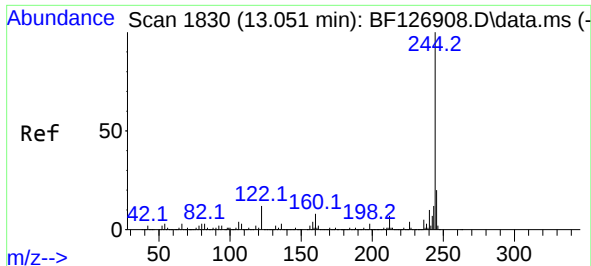
Tgt Ion:188 Resp: 172776
Ion Ratio Lower Upper
188 100
94 8.6 10.1 15.1#
80 9.9 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF127012.D
Acq: 22 Feb 2022 16:54

Tgt Ion:240 Resp: 123424
Ion Ratio Lower Upper
240 100
120 11.1 14.4 21.6#
236 26.0 20.5 30.7

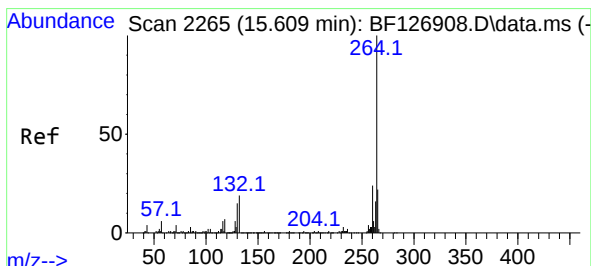
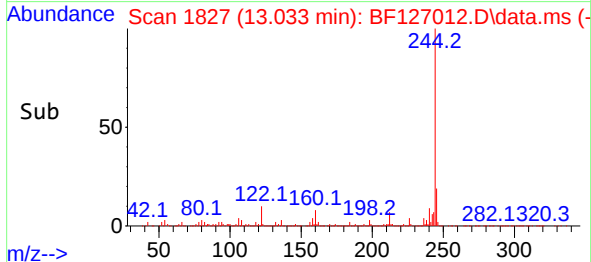
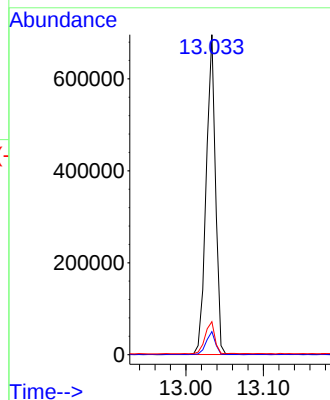
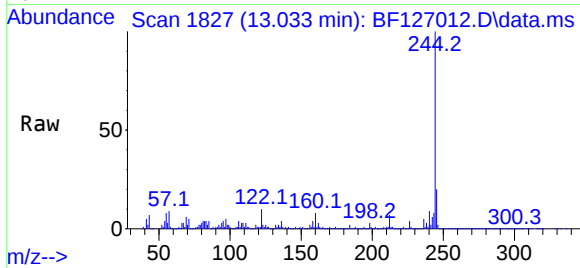




#79
 Terphenyl-d14
 Concen: 69.236 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. -0.006 min
 Lab File: BF127012.D
 Acq: 22 Feb 2022 16:54

Instrument :
 BNA_F
 ClientSampleId :
 CC-A3

Tgt Ion:244 Resp: 581304
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 10.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.598 min Scan# 2263
 Delta R.T. 0.006 min
 Lab File: BF127012.D
 Acq: 22 Feb 2022 16:54

Tgt Ion:264 Resp: 118854
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.4 17.4 26.2

