

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127046.D
 Acq On : 23 Feb 2022 18:31
 Operator : CG\JU
 Sample : N1626-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-A2

Quant Time: Feb 24 02:17:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

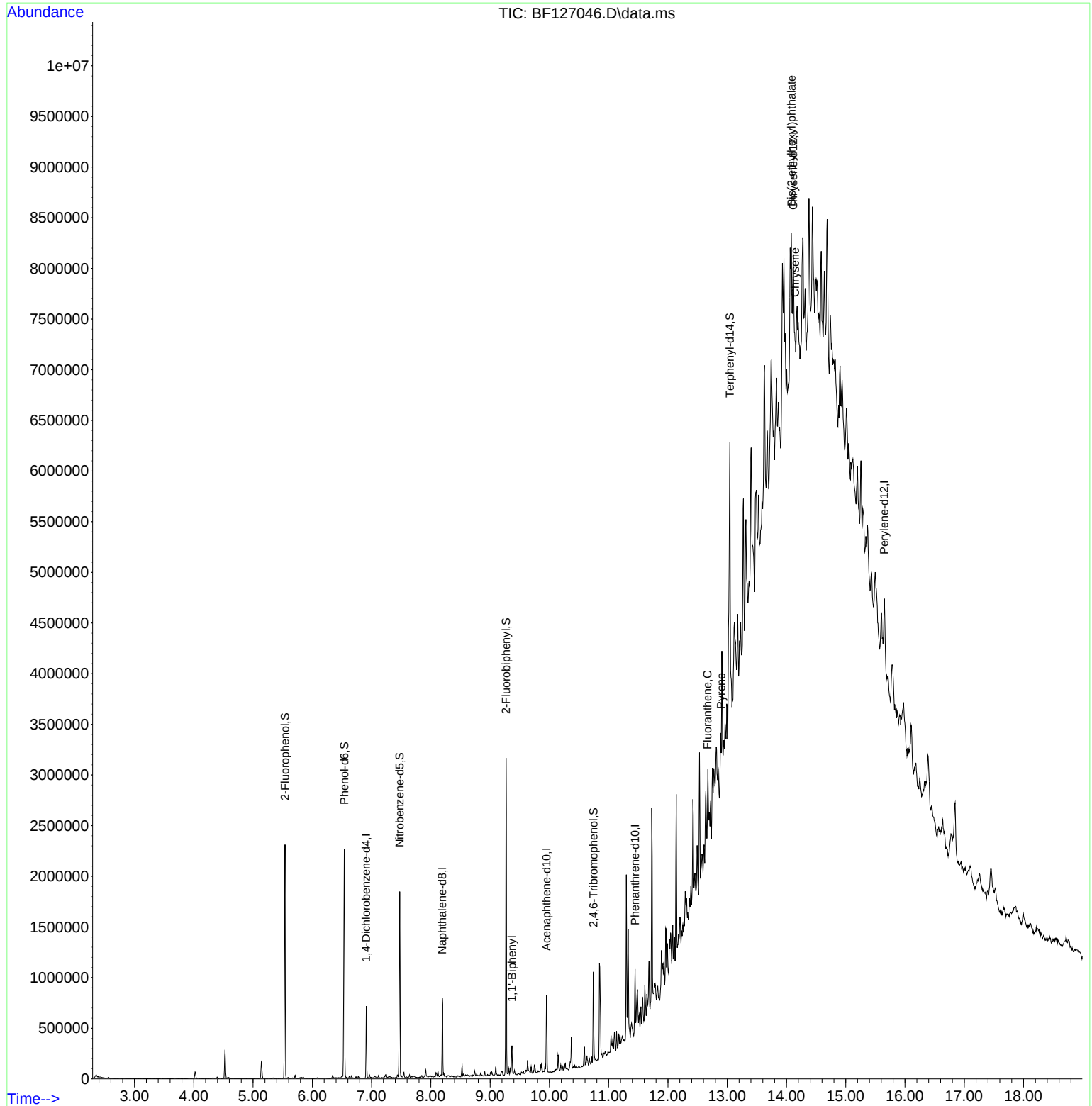
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	83481	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	314759	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	127646	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	172627	20.000	ng	# 0.00
76) Chrysene-d12	14.115	240	129858	20.000	ng	0.03
86) Perylene-d12	15.651	264	84285	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	532636	98.613	ng	0.01
7) Phenol-d6	6.539	99	797876	109.474	ng	0.00
23) Nitrobenzene-d5	7.475	82	579877	83.156	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	95547	65.013	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	868519	100.167	ng	0.00
79) Terphenyl-d14	13.045	244	676707	76.606	ng	0.02
Target Compounds						
						Qvalue
46) 1,1'-Biphenyl	9.369	154	50271	4.971	ng	97
75) Fluoranthene	12.668	202	39068	4.258	ng	88
78) Pyrene	12.898	202	31729	2.812	ng	# 88
83) Chrysene	14.145	228	24824	3.015	ng	# 76
84) Bis(2-ethylhexyl)phtha...	14.086	149	351680	50.154	ng	# 93

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

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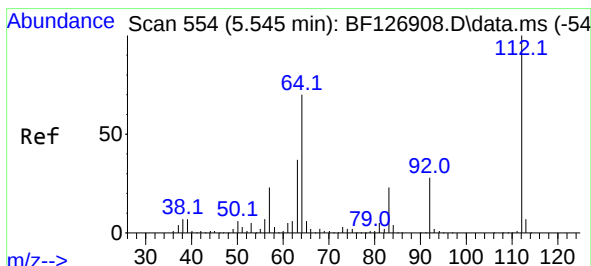
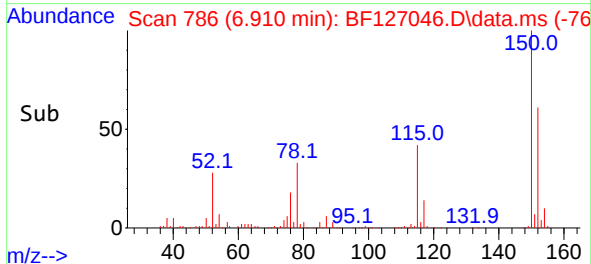
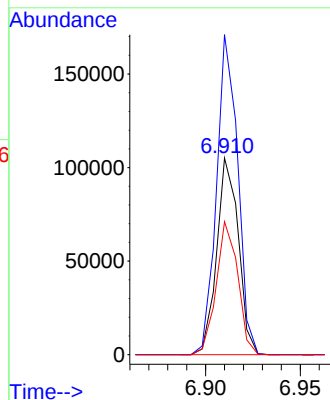
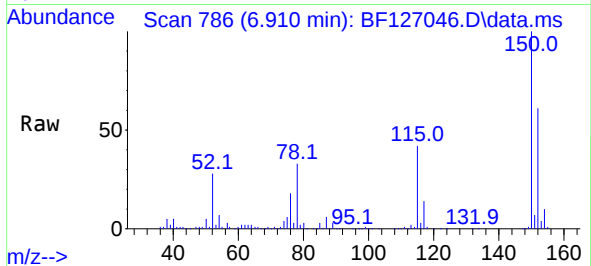




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

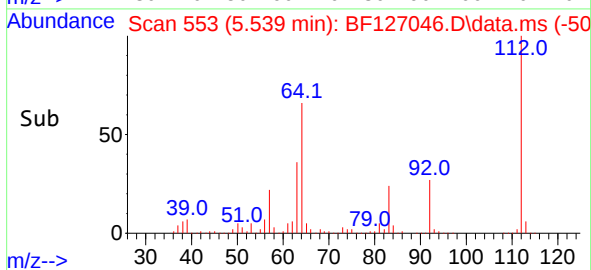
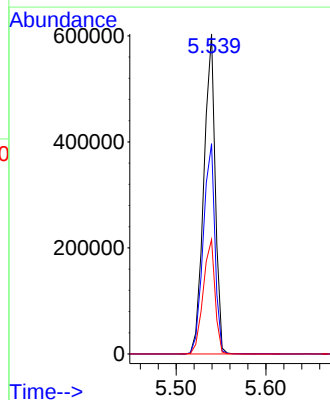
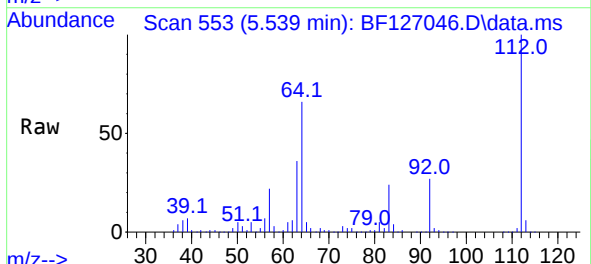
Instrument :
BNA_F
ClientSampleId :
CC-A2

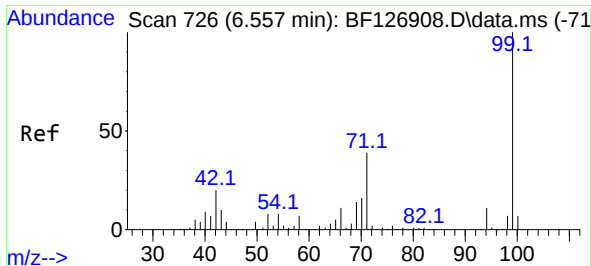
Tgt Ion:152 Resp: 83481
Ion Ratio Lower Upper
152 100
150 162.7 128.1 192.1
115 67.7 56.7 85.1



#5
2-Fluorophenol
Concen: 98.613 ng
RT: 5.539 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

Tgt Ion:112 Resp: 532636
Ion Ratio Lower Upper
112 100
64 65.7 49.5 74.3
63 35.7 23.9 35.9

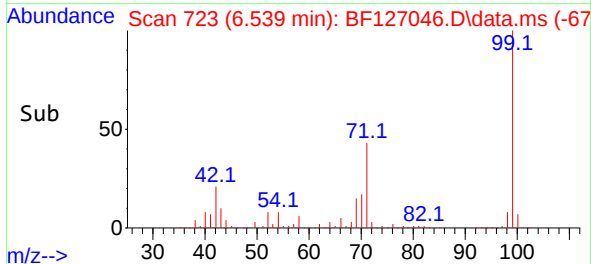
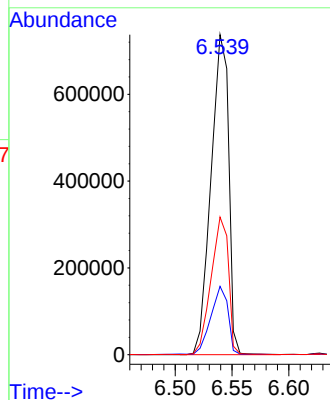
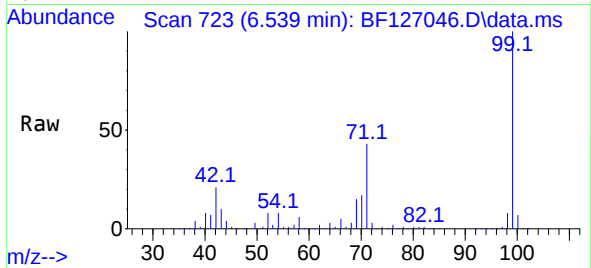




#7
Phenol-d6
Concen: 109.474 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

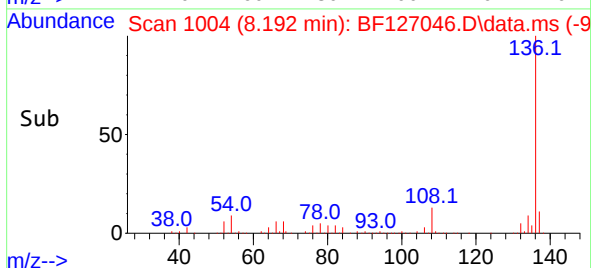
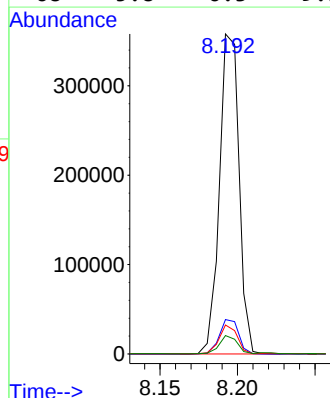
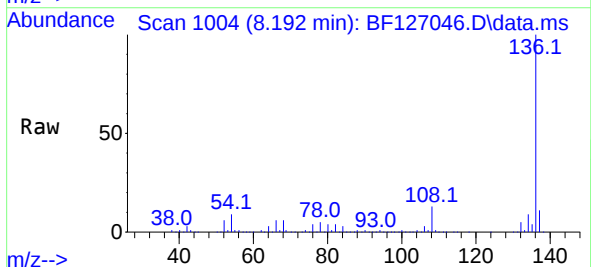
Instrument :
BNA_F
ClientSampleId :
CC-A2

Tgt Ion: 99 Resp: 797876
Ion Ratio Lower Upper
99 100
42 21.3 14.2 21.4
71 43.0 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

Tgt Ion:136 Resp: 314759
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.8 11.6
68 5.8 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 83.156 ng

RT: 7.475 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

Instrument :

BNA_F

ClientSampleId :

CC-A2

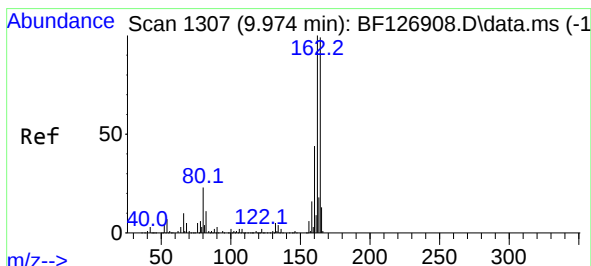
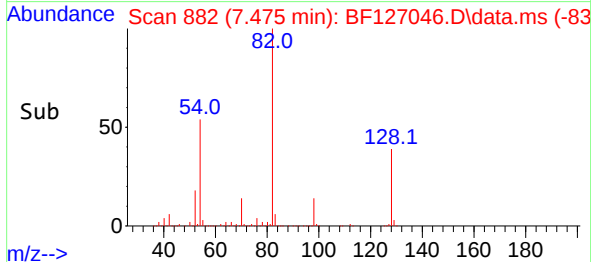
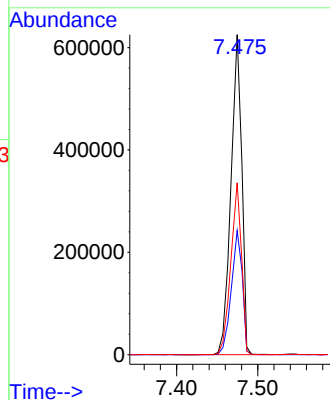
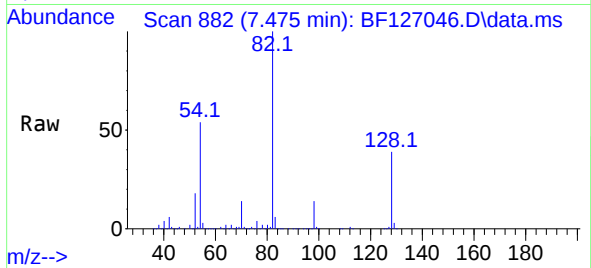
Tgt Ion: 82 Resp: 579877

Ion Ratio Lower Upper

82 100

128 38.8 32.7 49.1

54 53.7 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1303

Delta R.T. -0.000 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

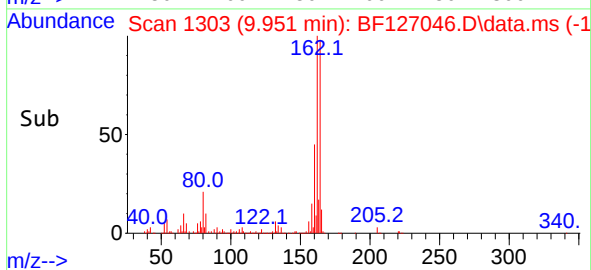
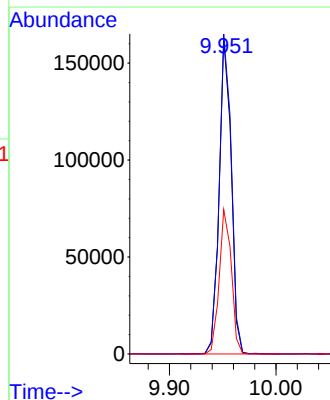
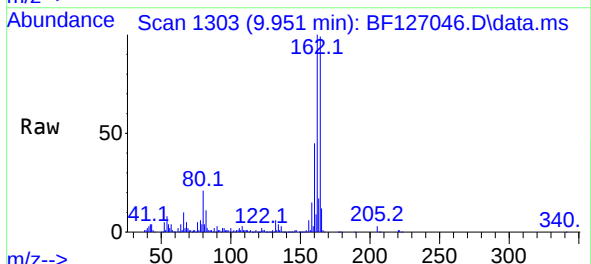
Tgt Ion:164 Resp: 127646

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 65.013 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

Instrument :

BNA_F

ClientSampleId :

CC-A2

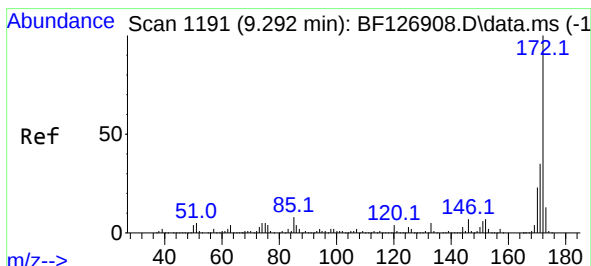
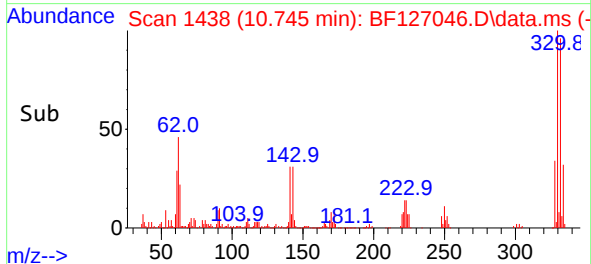
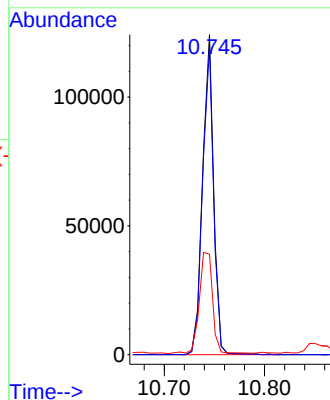
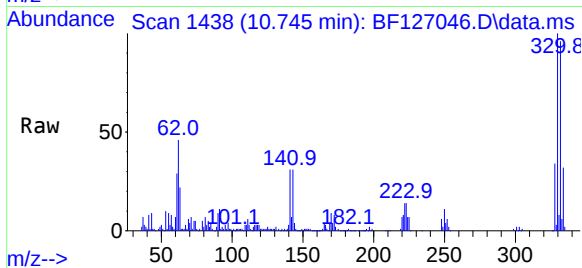
Tgt Ion:330 Resp: 95547

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 38.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 100.167 ng

RT: 9.269 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

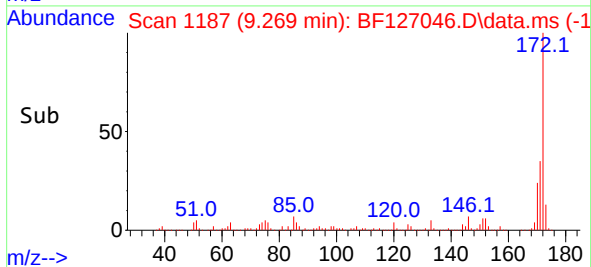
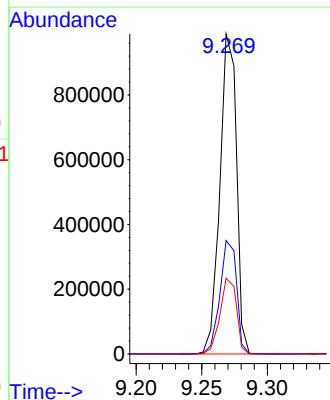
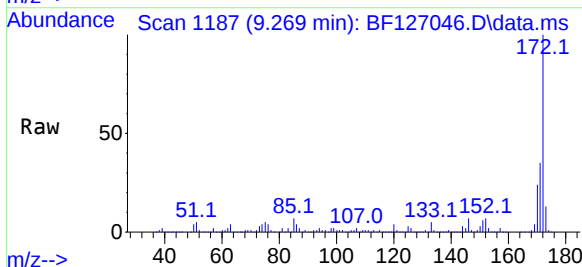
Tgt Ion:172 Resp: 868519

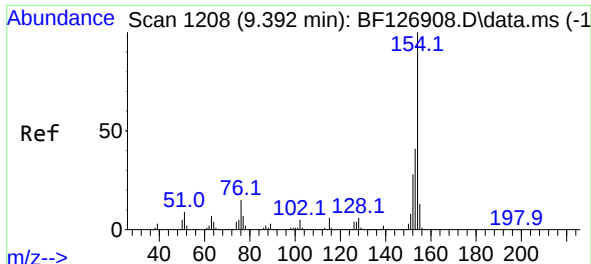
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 19.0 28.6





#46

1,1'-Biphenyl

Concen: 4.971 ng

RT: 9.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

Instrument :

BNA_F

ClientSampleId :

CC-A2

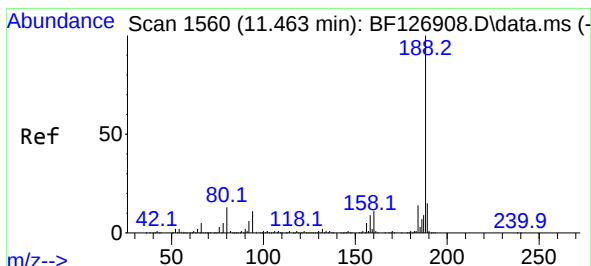
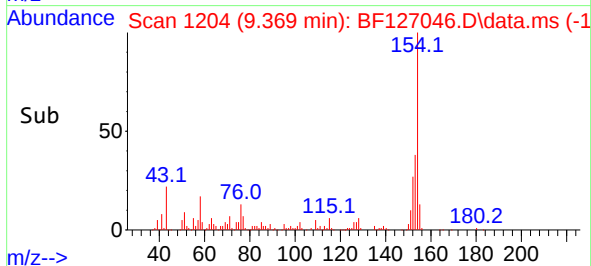
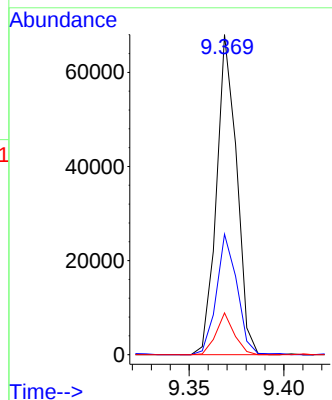
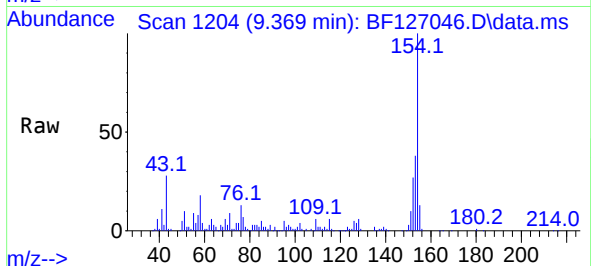
Tgt Ion:154 Resp: 50271

Ion Ratio Lower Upper

154 100

153 37.7 19.0 59.0

76 13.0 0.0 34.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1557

Delta R.T. -0.000 min

Lab File: BF127046.D

Acq: 23 Feb 2022 18:31

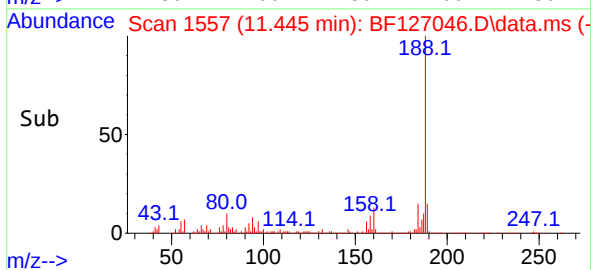
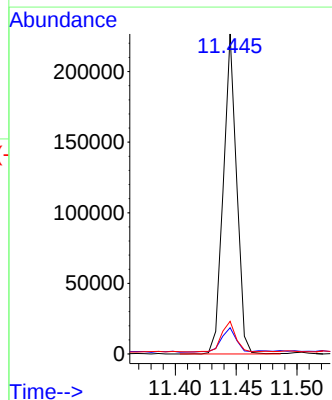
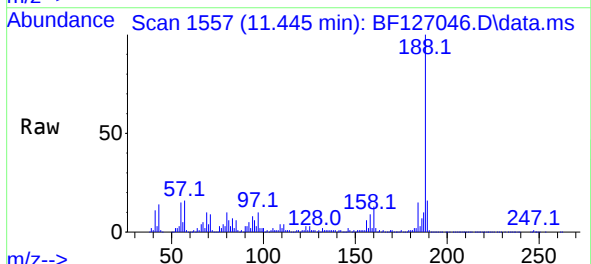
Tgt Ion:188 Resp: 172627

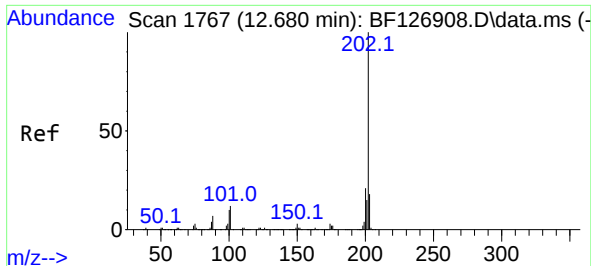
Ion Ratio Lower Upper

188 100

94 8.2 10.1 15.1#

80 10.2 11.8 17.6#

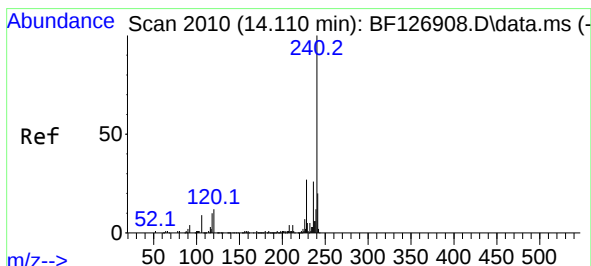
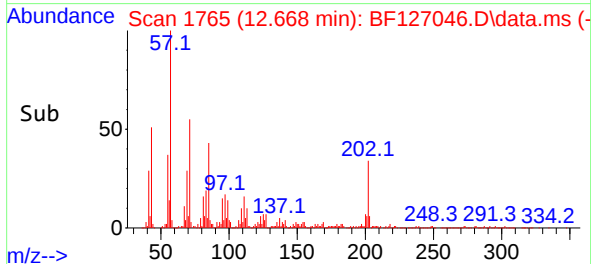
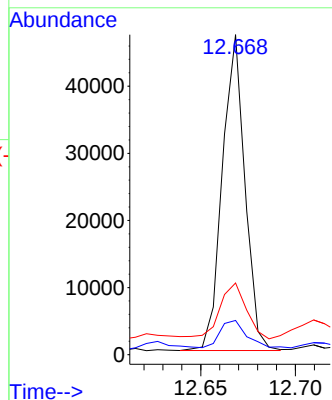
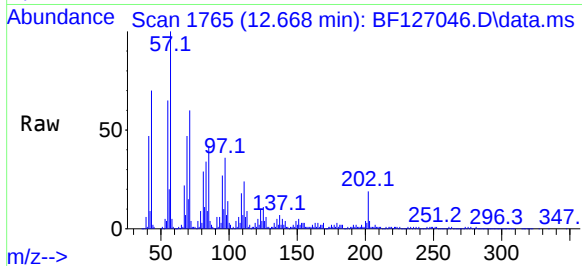




#75
Fluoranthene
Concen: 4.258 ng
RT: 12.668 min Scan# 1765
Delta R.T. 0.012 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

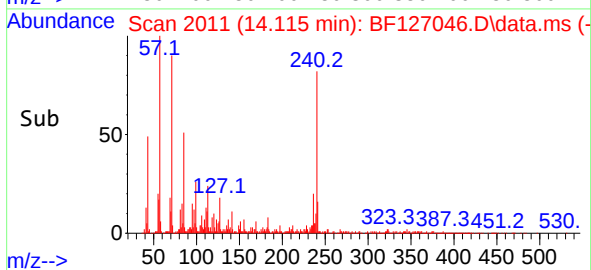
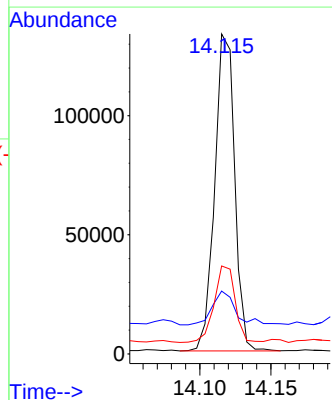
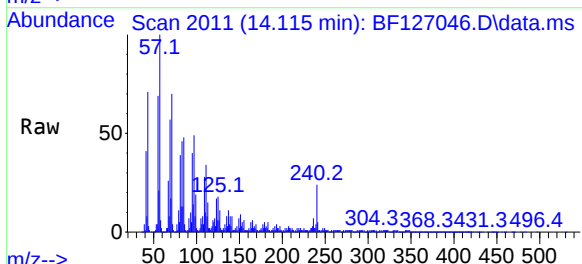
Instrument :
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CC-A2

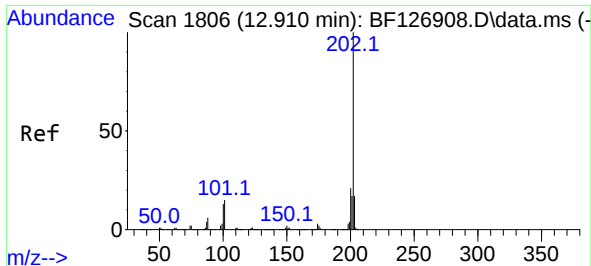
Tgt Ion:	202	Resp:	39068
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	35.7
203	22.4	0.0	37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. 0.029 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

Tgt Ion:	240	Resp:	129858
Ion Ratio	Lower	Upper	
240	100		
120	19.7	14.4	21.6
236	27.5	20.5	30.7

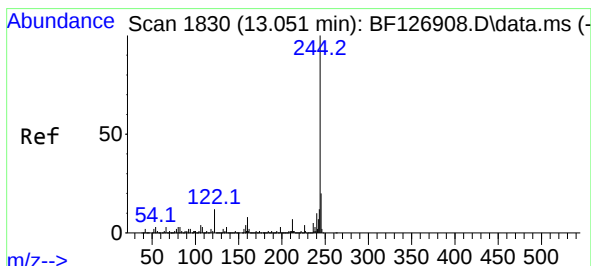
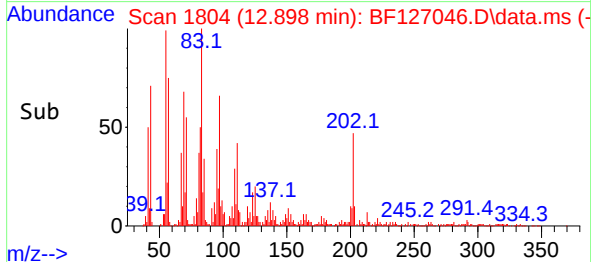
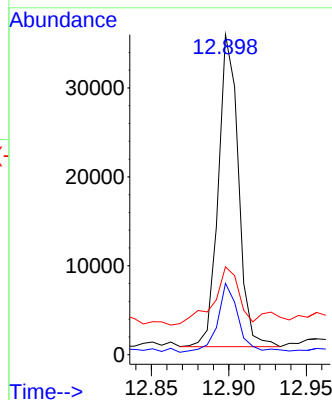
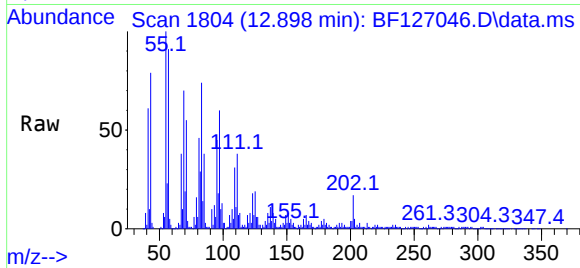




#78
Pyrene
Concen: 2.812 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

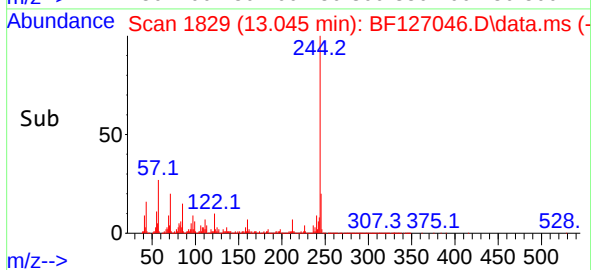
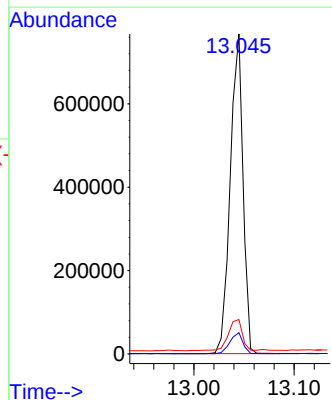
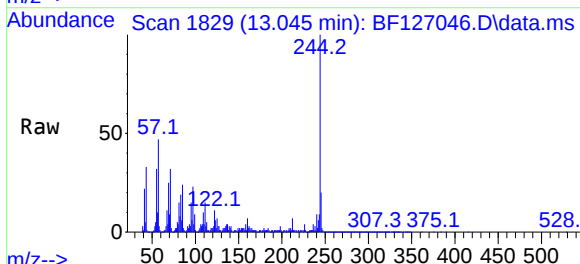
Instrument :
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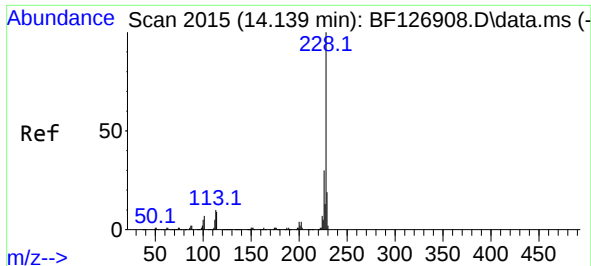
Tgt Ion:202 Resp: 31729
Ion Ratio Lower Upper
202 100
200 22.3 16.6 24.8
203 27.5 13.8 20.8#



#79
Terphenyl-d14
Concen: 76.606 ng
RT: 13.045 min Scan# 1829
Delta R.T. 0.018 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

Tgt Ion:244 Resp: 676707
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 10.8 13.3 19.9#

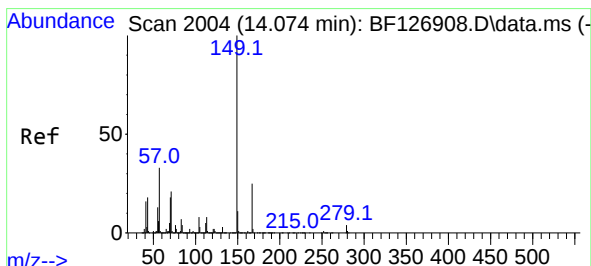
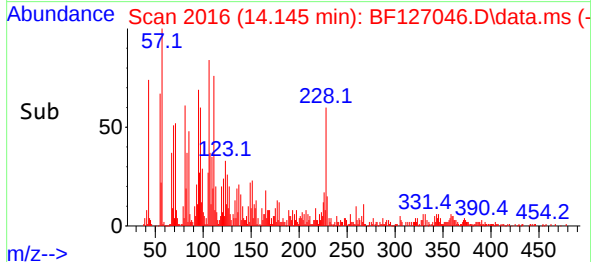
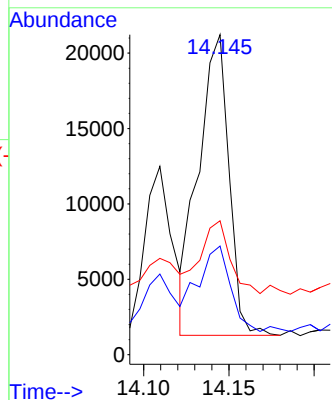
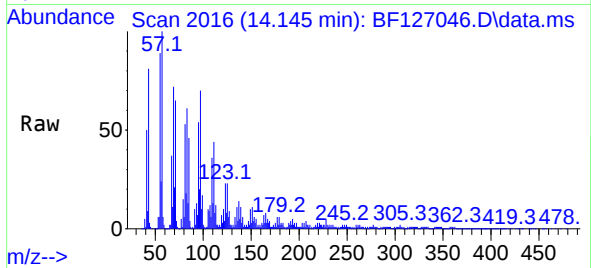




#83
Chrysene
Concen: 3.015 ng
RT: 14.145 min Scan# 2015
Delta R.T. 0.029 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

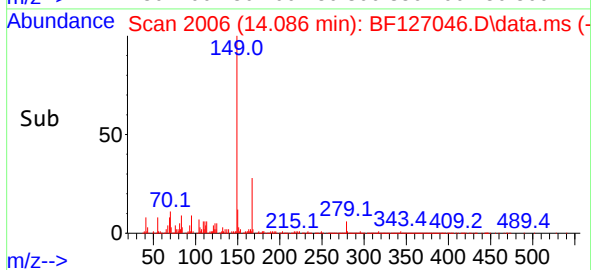
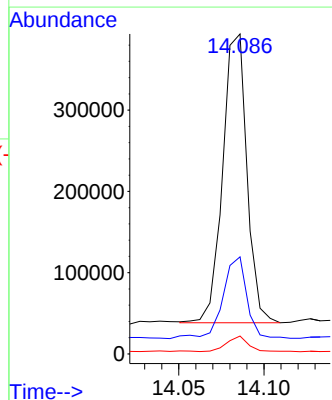
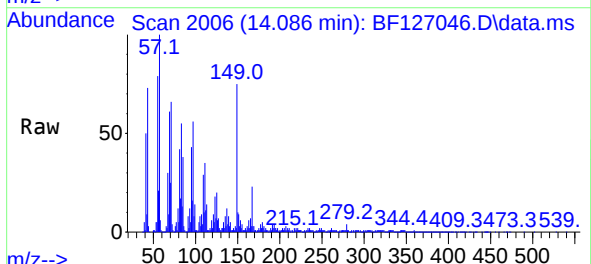
Instrument :
BNA_F
ClientSampleId :
CC-A2

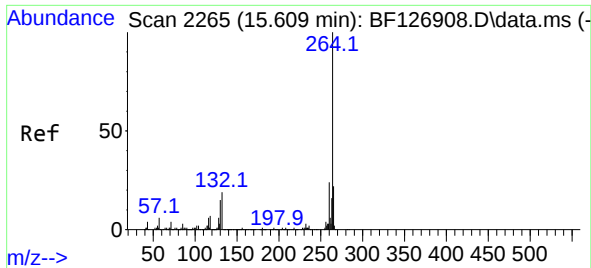
Tgt Ion:	228	Resp:	24824
Ion Ratio	Lower	Upper	
228	100		
226	33.9	23.7	35.5
229	41.9	15.5	23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.154 ng
RT: 14.086 min Scan# 2006
Delta R.T. 0.035 min
Lab File: BF127046.D
Acq: 23 Feb 2022 18:31

Tgt Ion:	149	Resp:	351680
Ion Ratio	Lower	Upper	
149	100		
167	30.3	21.4	32.2
279	5.6	2.4	3.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.651 min Scan# 21
 Delta R.T. 0.065 min
 Lab File: BF127046.D
 Acq: 23 Feb 2022 18:31

Instrument :
 BNA_F
 ClientSampleId :
 CC-A2

Tgt Ion:	264	Resp:	84285
Ion	Ratio	Lower	Upper
264	100		
260	27.5	19.2	28.8
265	23.9	17.4	26.2

