

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127123.D
 Acq On : 01 Mar 2022 18:34
 Operator : CG\JU
 Sample : N1688-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Quant Time: Mar 02 00:01:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

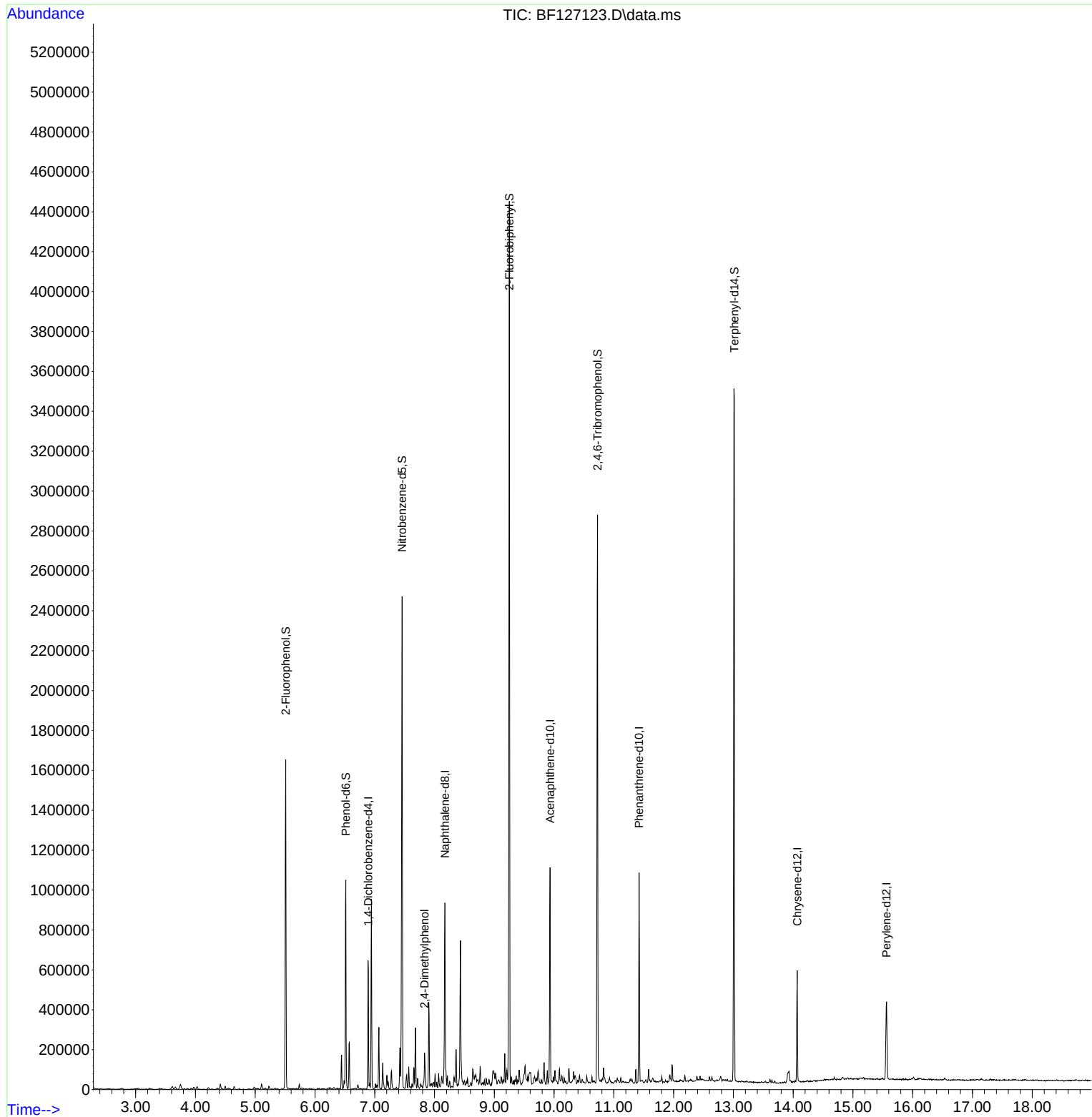
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	88653	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	364269	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	187069	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	323810	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	169554	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	168503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	371933	64.843	ng	0.00
7) Phenol-d6	6.516	99	307854	39.775	ng	0.00
23) Nitrobenzene-d5	7.457	82	764755	94.762	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	342096	158.830	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1187376	93.442	ng	0.00
79) Terphenyl-d14	13.015	244	1269021	110.025	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.833	122	22042	4.134	ng	# 93

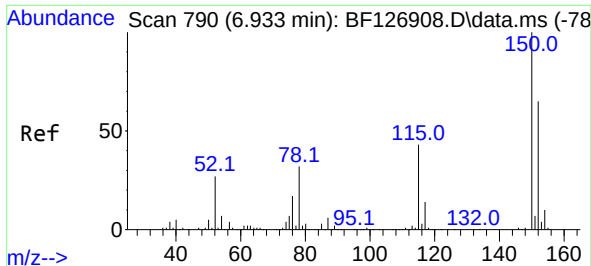
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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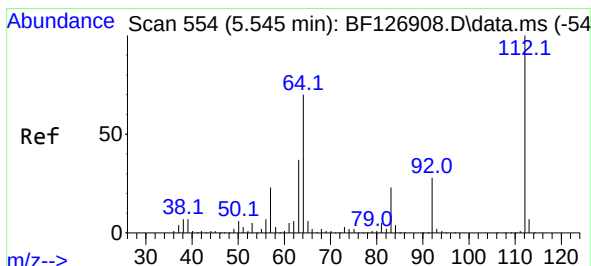
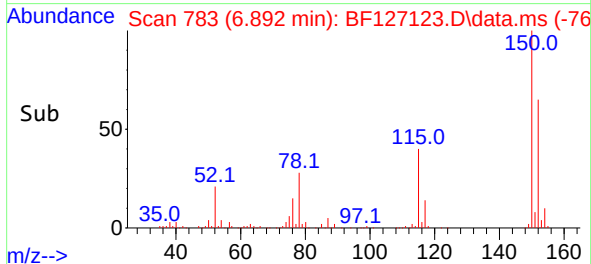
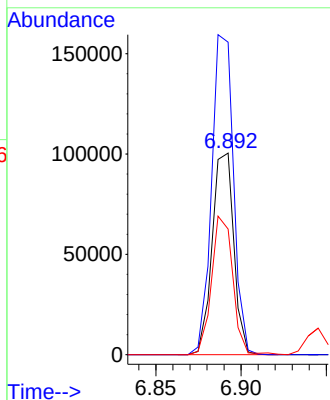
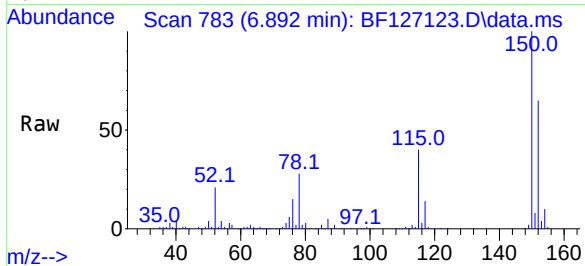




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

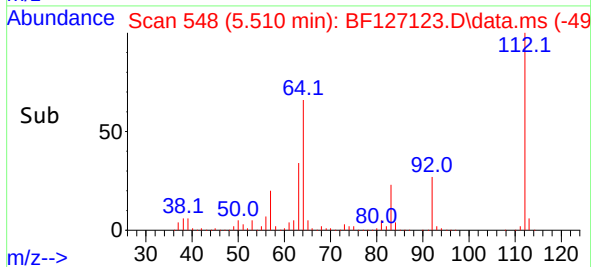
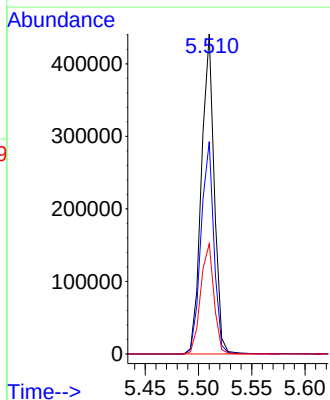
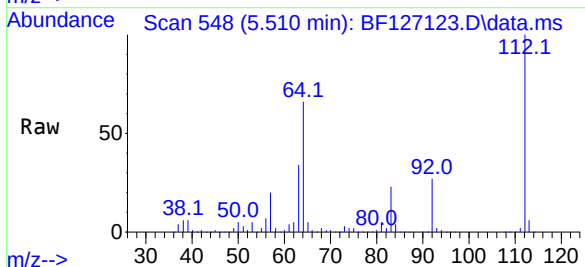
Instrument :
BNA_F
ClientSampleId :
MW-32

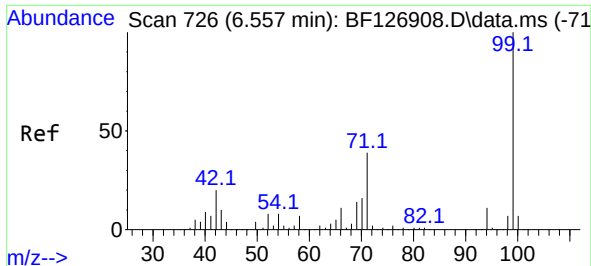
Tgt Ion:152 Resp: 88653
Ion Ratio Lower Upper
152 100
150 155.0 128.1 192.1
115 62.3 56.7 85.1



#5
2-Fluorophenol
Concen: 64.843 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

Tgt Ion:112 Resp: 371933
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 34.5 23.9 35.9

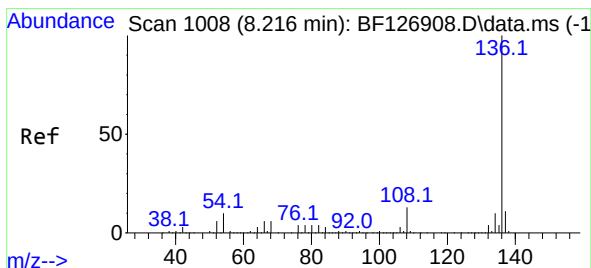
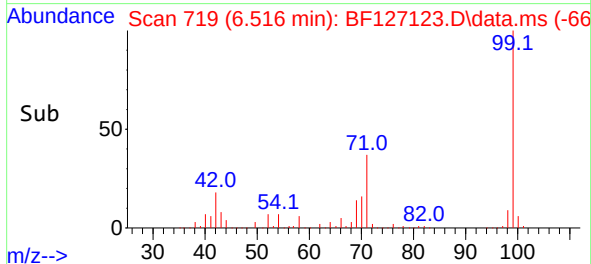
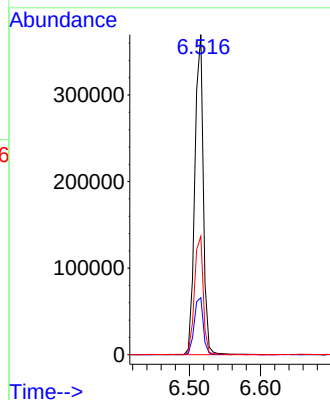
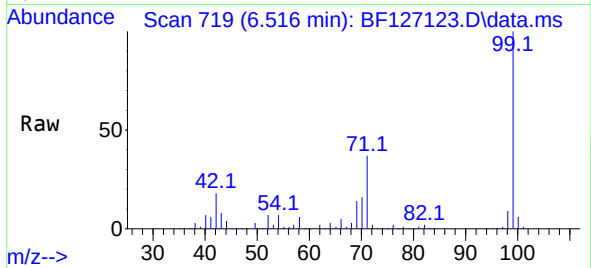




#7
Phenol-d6
Concen: 39.775 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

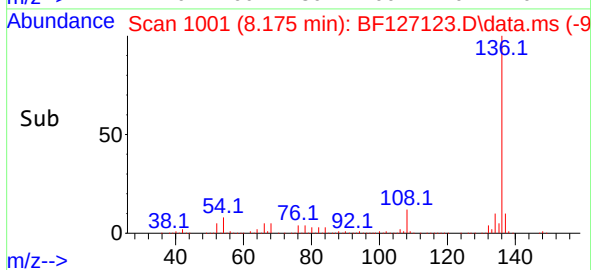
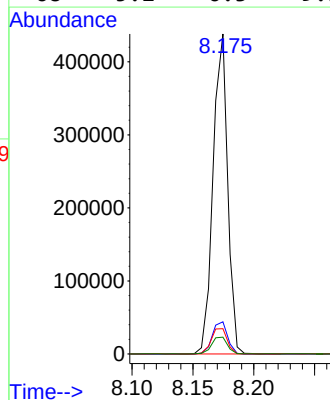
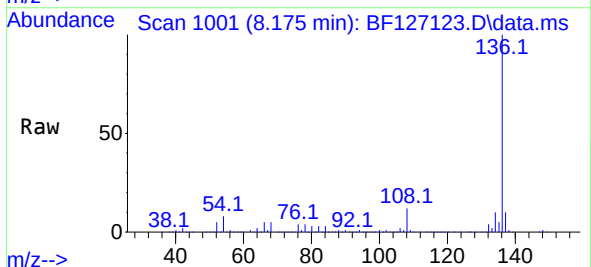
Instrument :
BNA_F
ClientSampleId :
MW-32

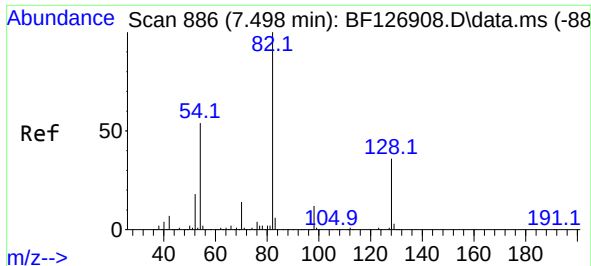
Tgt Ion: 99 Resp: 307854
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 37.0 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

Tgt Ion: 136 Resp: 364269
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 7.9 7.8 11.6
68 5.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 94.762 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127123.D

Acq: 01 Mar 2022 18:34

Instrument :

BNA_F

ClientSampleId :

MW-32

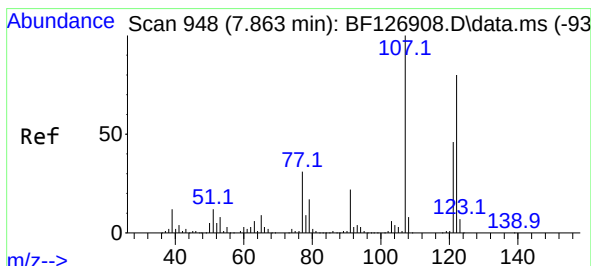
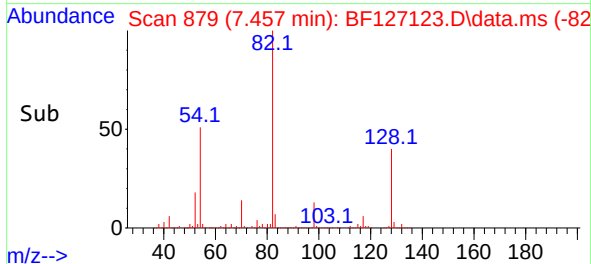
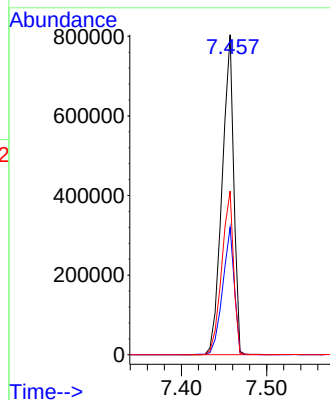
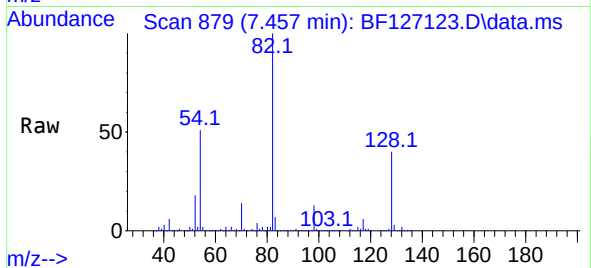
Tgt Ion: 82 Resp: 764755

Ion Ratio Lower Upper

82 100

128 39.8 32.7 49.1

54 51.1 41.7 62.5



#27

2,4-Dimethylphenol

Concen: 4.134 ng

RT: 7.833 min Scan# 943

Delta R.T. 0.006 min

Lab File: BF127123.D

Acq: 01 Mar 2022 18:34

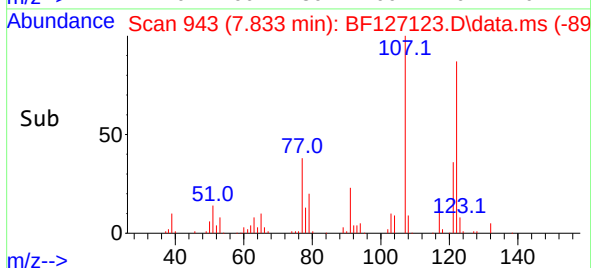
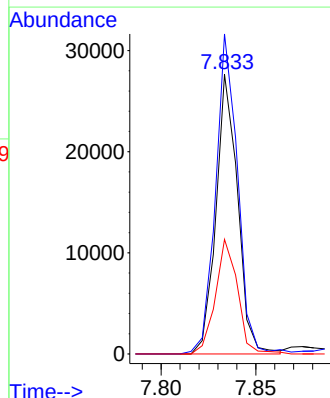
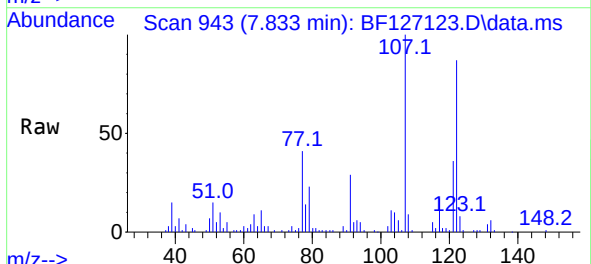
Tgt Ion:122 Resp: 22042

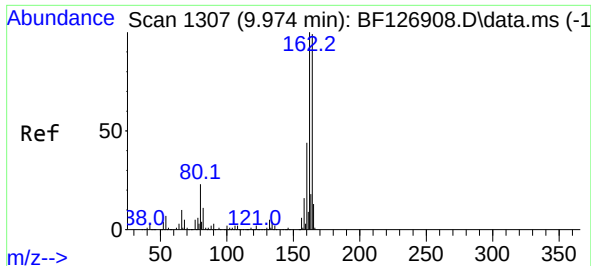
Ion Ratio Lower Upper

122 100

107 114.5 91.2 136.8

121 41.0 44.4 66.6#

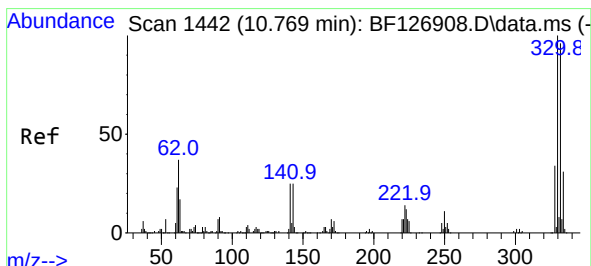
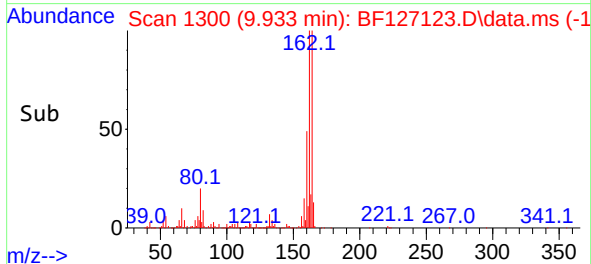
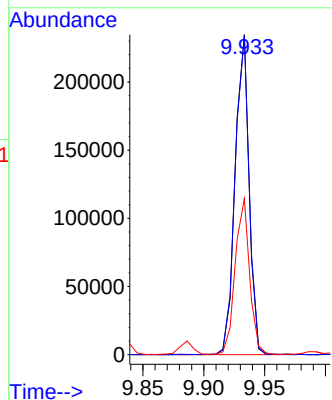
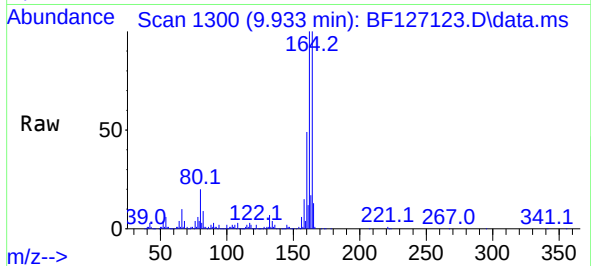




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

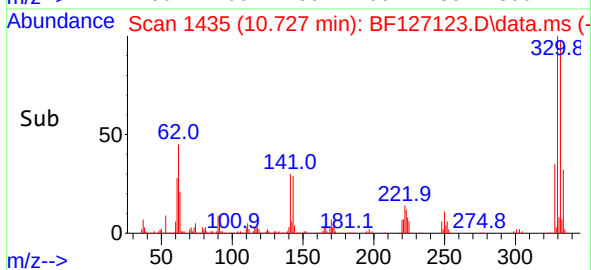
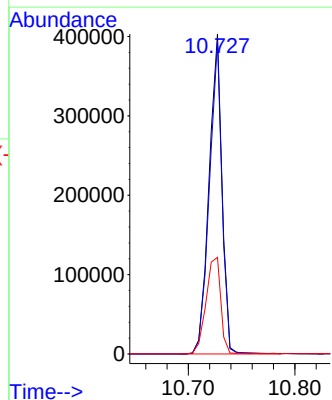
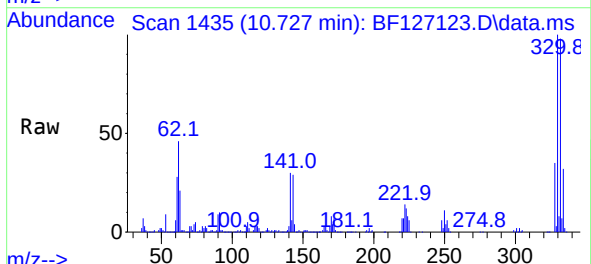
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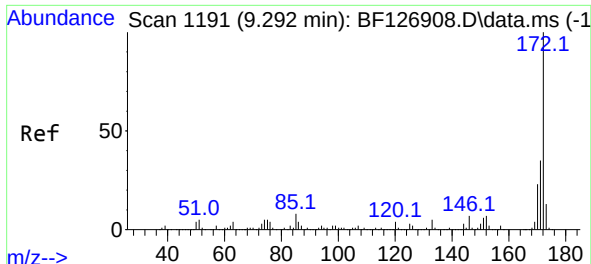
Tgt Ion:164 Resp: 187069
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 48.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 158.830 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

Tgt Ion:330 Resp: 342096
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 34.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 93.442 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127123.D

Acq: 01 Mar 2022 18:34

Instrument :

BNA_F

ClientSampleId :

MW-32

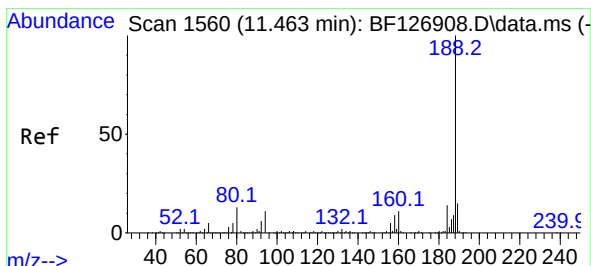
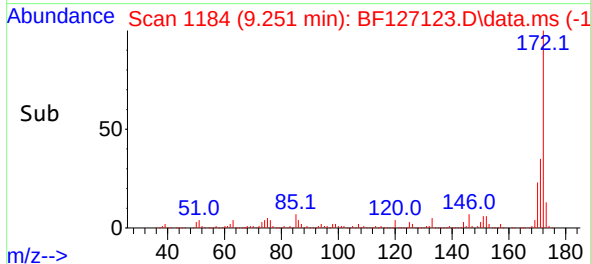
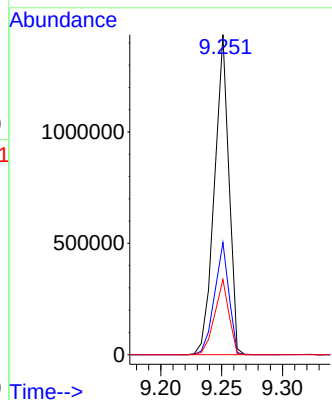
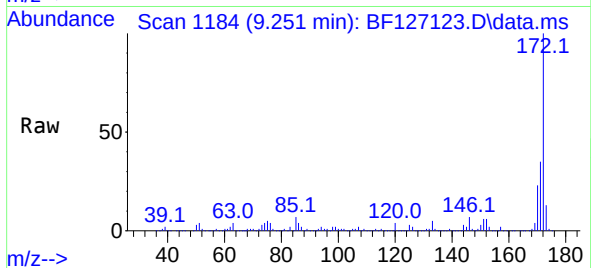
Tgt Ion:172 Resp: 1187376

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1553

Delta R.T. -0.006 min

Lab File: BF127123.D

Acq: 01 Mar 2022 18:34

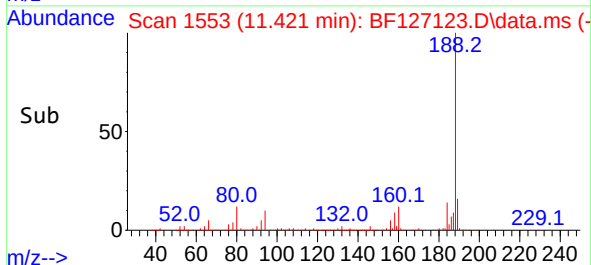
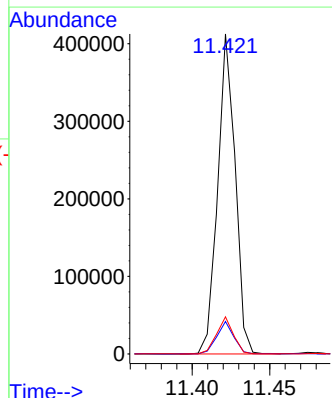
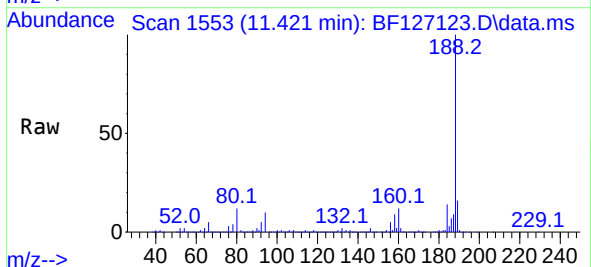
Tgt Ion:188 Resp: 323810

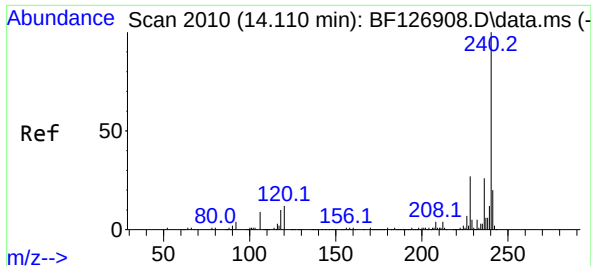
Ion Ratio Lower Upper

188 100

94 10.1 10.1 15.1

80 11.6 11.8 17.6#

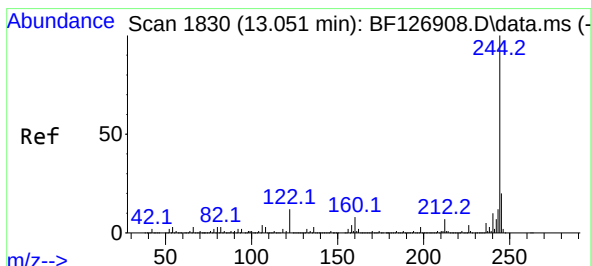
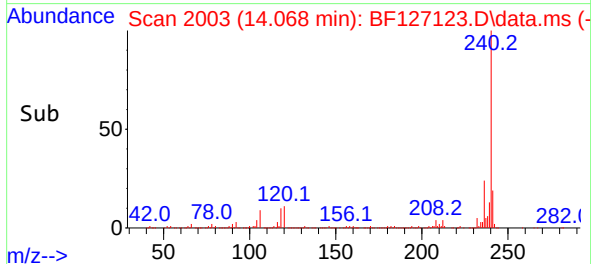
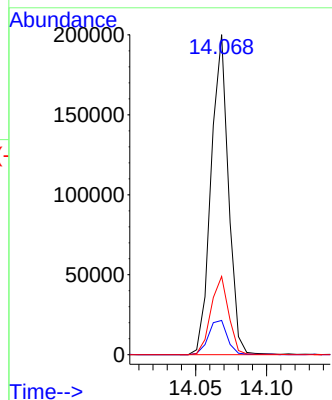
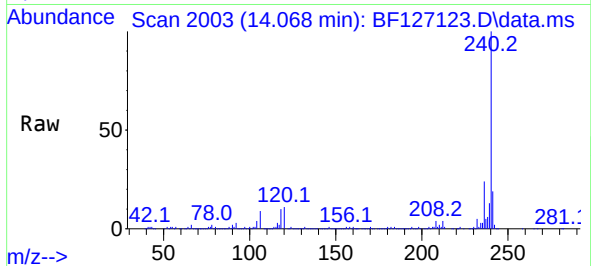




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

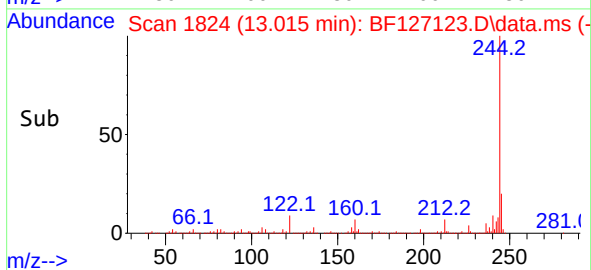
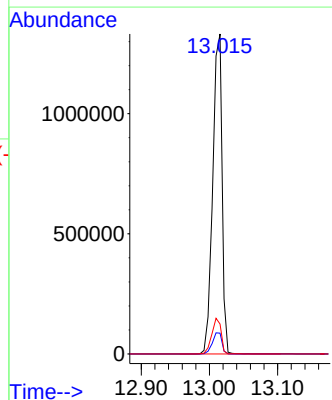
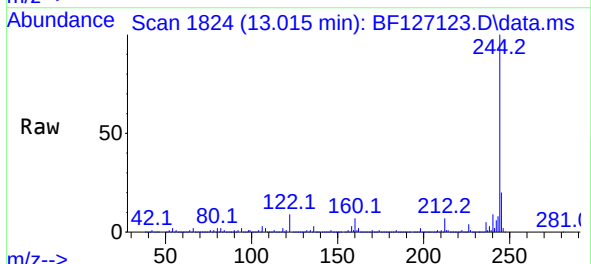
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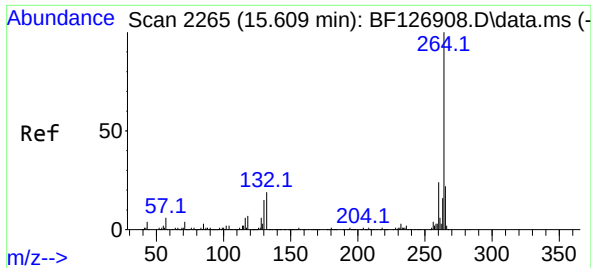
Tgt Ion:240 Resp: 169554
Ion Ratio Lower Upper
240 100
120 10.7 14.4 21.6#
236 24.5 20.5 30.7



#79
Terphenyl-d14
Concen: 110.025 ng
RT: 13.015 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

Tgt Ion:244 Resp: 1269021
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 9.4 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

Instrument :
BNA_F
ClientSampleId :
MW-32

Tgt Ion:264 Resp: 168503
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.1 17.4 26.2

