

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124186.D
 Acq On : 8 Jun 2021 18:29
 Operator : JU/CG
 Sample : M2632-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PRODUCT01-IW-PS-D1BR

Quant Time: Jun 09 04:08:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

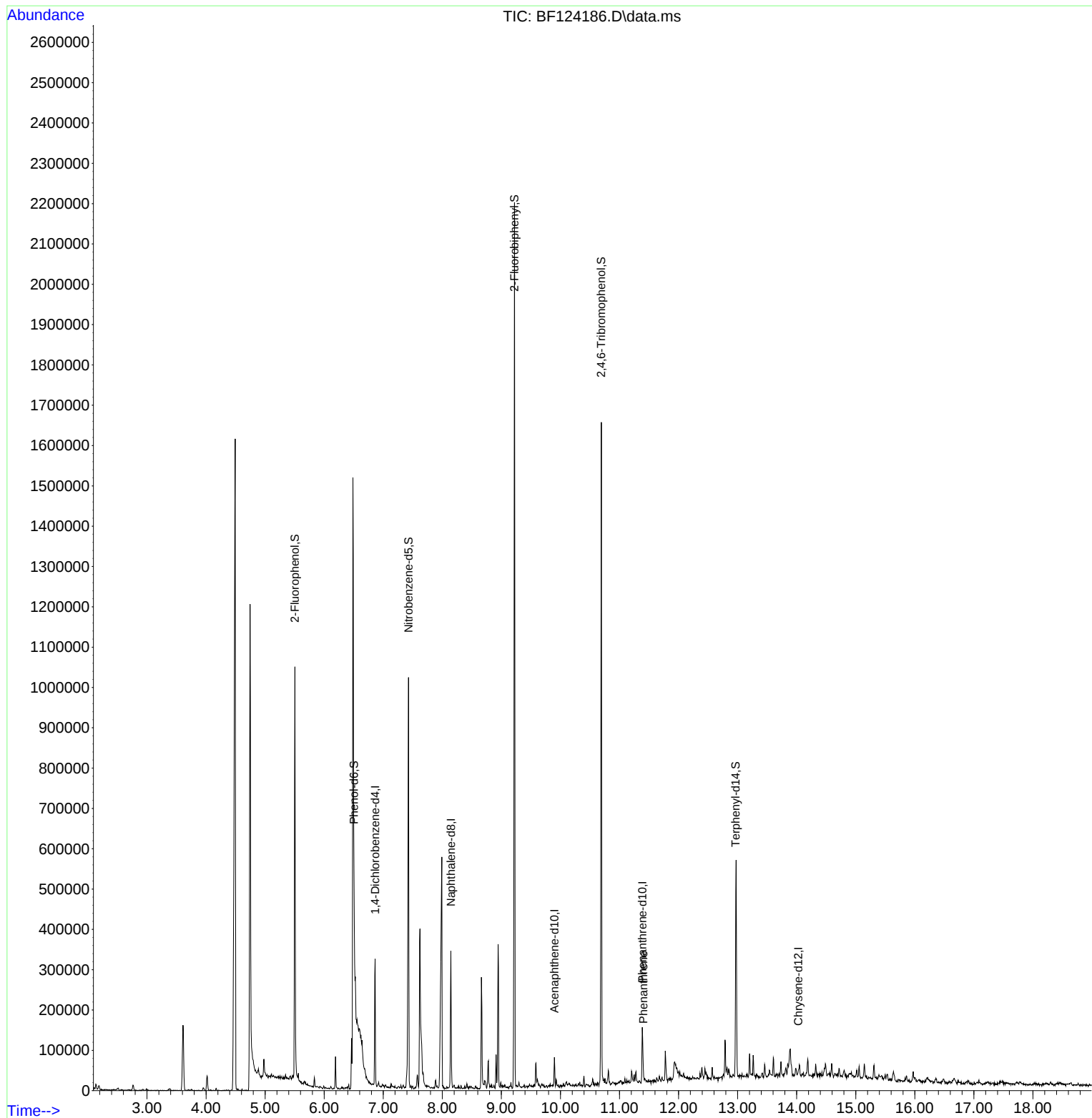
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	39143	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	94675	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	7041	20.000	ng	# 0.00
64) Phenanthrene-d10	11.386	188	23844	20.000	ng	0.00
76) Chrysene-d12	14.027	240	1812	20.000	ng	# 0.00
86) Perylene-d12	0.000	264	0	0.000	ng	-15.51
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	211010	81.149	ng	0.01
7) Phenol-d6	6.504	99	30070	8.603	ng	0.00
23) Nitrobenzene-d5	7.428	82	311581	130.528	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	162216	1626.161	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	588249	1051.318	ng	0.00
79) Terphenyl-d14	12.968	244	71945	545.129	ng	-0.01
Target Compounds						
71) Phenanthrene	11.404	178	3010	2.021	ng	# 31

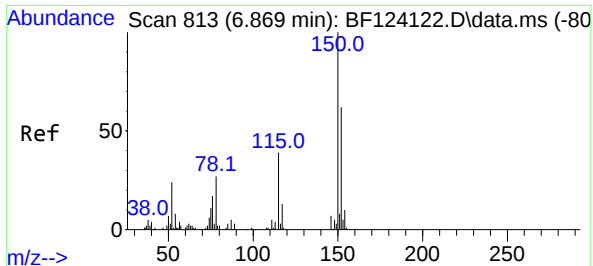
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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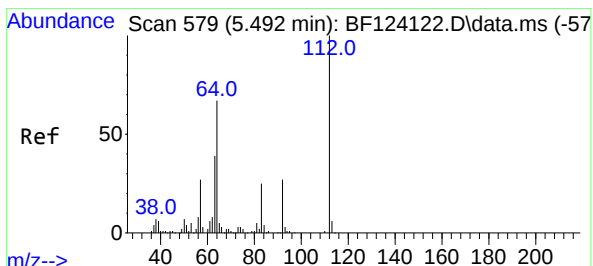
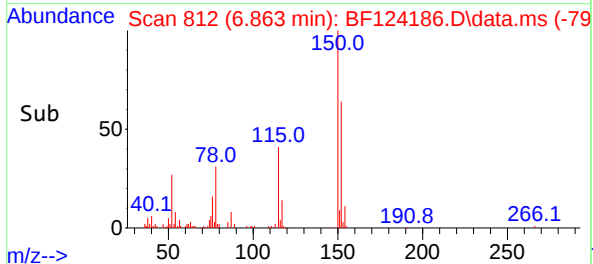
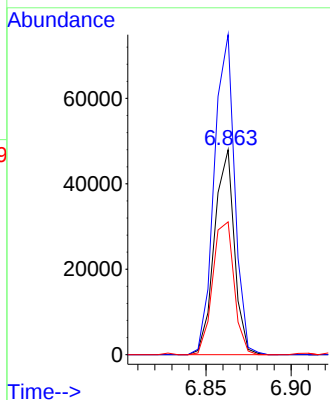
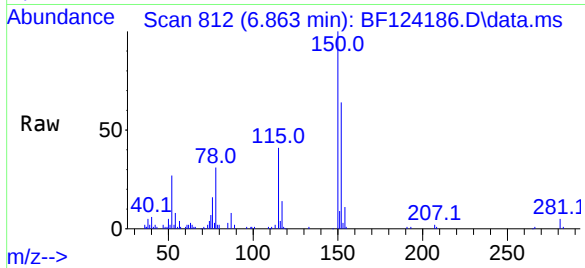




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

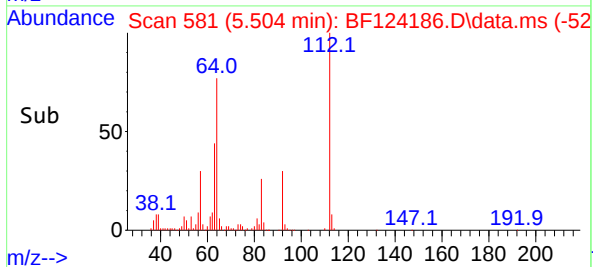
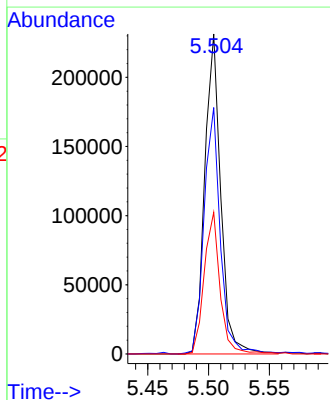
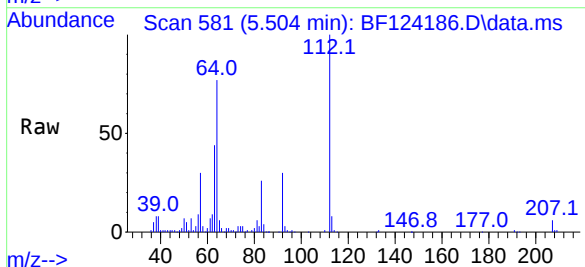
Instrument :
BNA_F
ClientSampleId :
PRODUCT01-IW-PS-D1BR

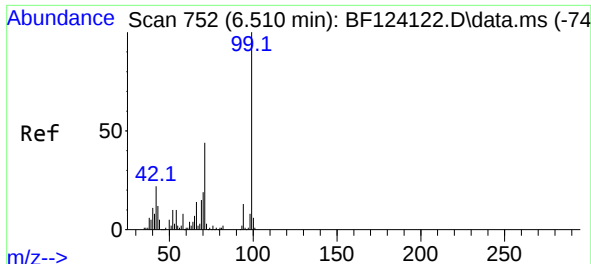
Tgt Ion:152 Resp: 39143
Ion Ratio Lower Upper
152 100
150 156.2 127.0 190.6
115 64.8 54.3 81.5



#5
2-Fluorophenol
Concen: 81.149 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion:112 Resp: 211010
Ion Ratio Lower Upper
112 100
64 77.0 61.4 92.0
63 44.3 33.0 49.4

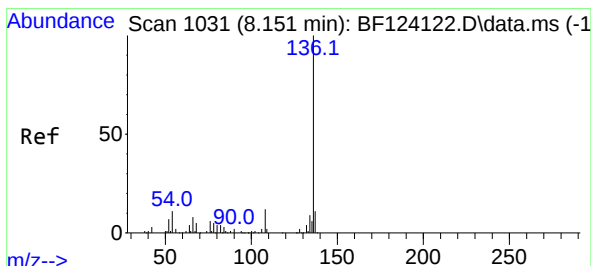
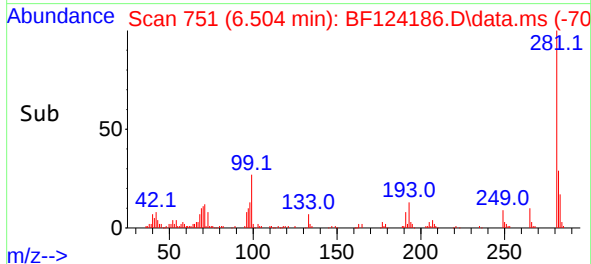
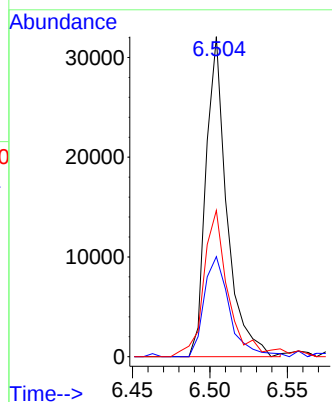
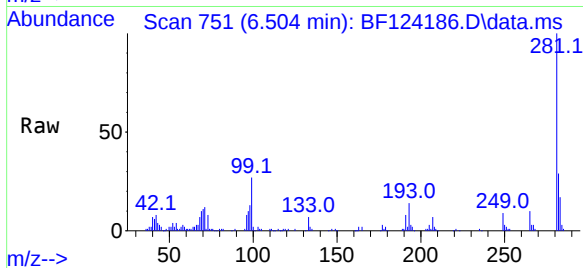




#7
Phenol-d6
Concen: 8.603 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

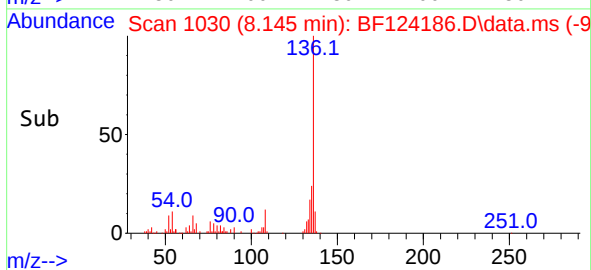
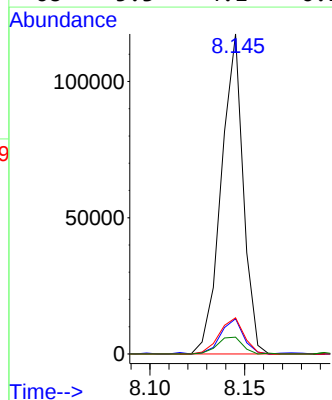
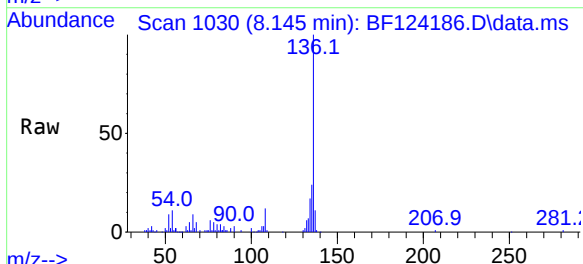
Instrument :
BNA_F
ClientSampleId :
PRODUCT01-IW-PS-D1BR

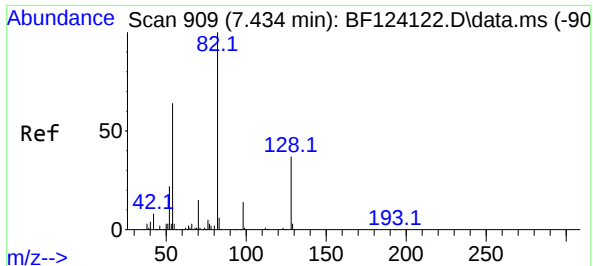
Tgt Ion: 99 Resp: 30070
Ion Ratio Lower Upper
99 100
42 31.2 19.8 29.8#
71 45.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion: 136 Resp: 94675
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 11.3 9.8 14.6
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 130.528 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF124186.D

Acq: 8 Jun 2021 18:29

Instrument :

BNA_F

ClientSampleId :

PRODUCT01-IW-PS-D1BR

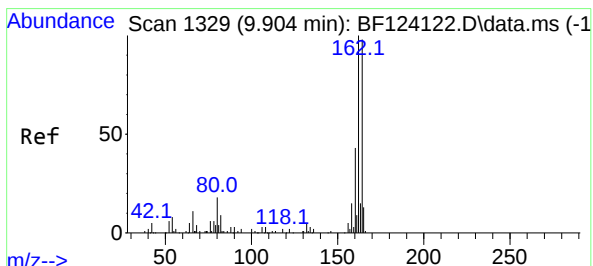
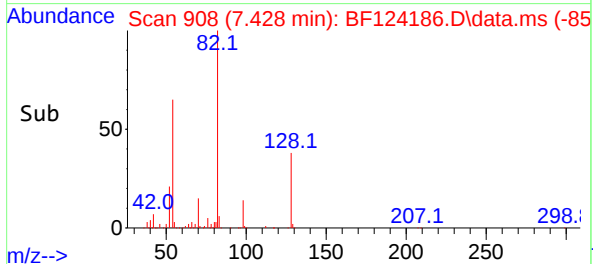
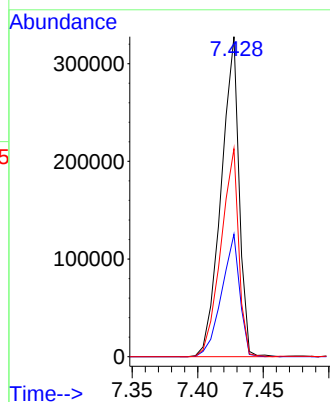
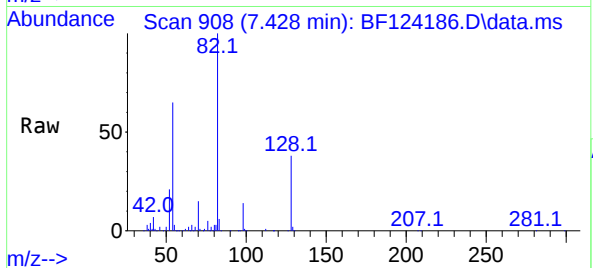
Tgt Ion: 82 Resp: 311581

Ion Ratio Lower Upper

82 100

128 38.2 29.4 44.2

54 65.0 54.1 81.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF124186.D

Acq: 8 Jun 2021 18:29

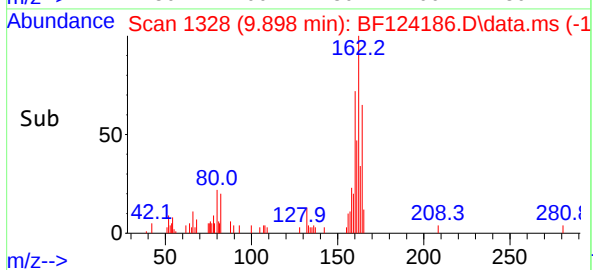
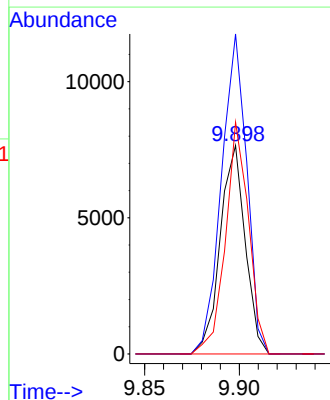
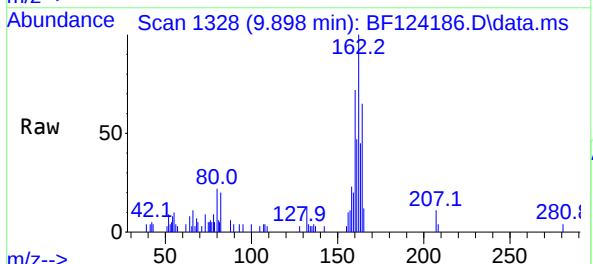
Tgt Ion:164 Resp: 7041

Ion Ratio Lower Upper

164 100

162 153.5 80.7 121.1#

160 111.2 37.3 55.9#

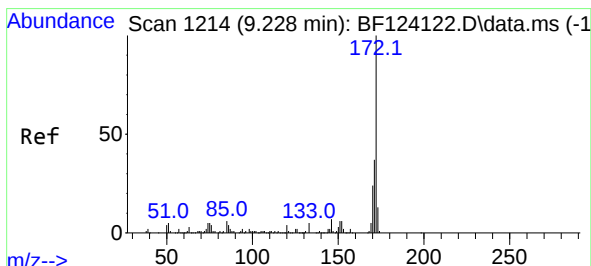
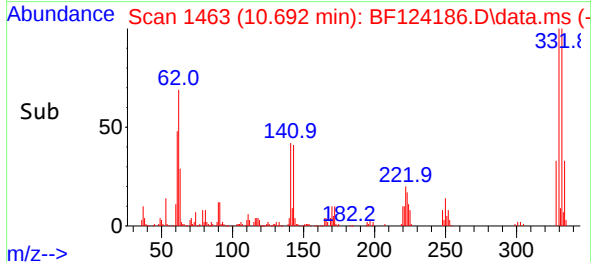
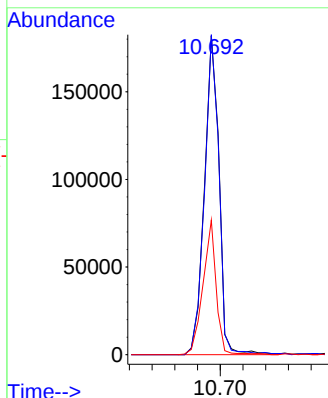
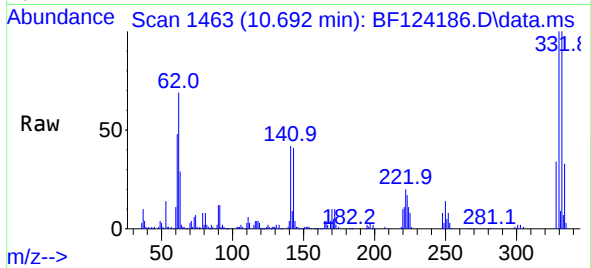




#42
2,4,6-Tribromophenol
Concen: 1626.161 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

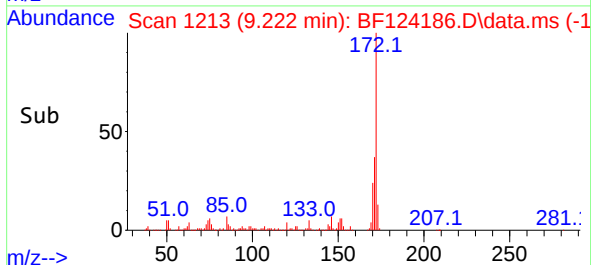
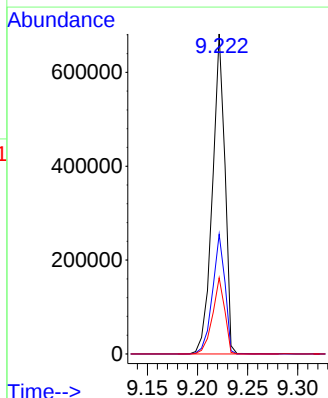
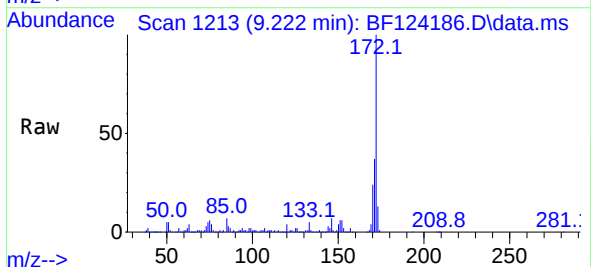
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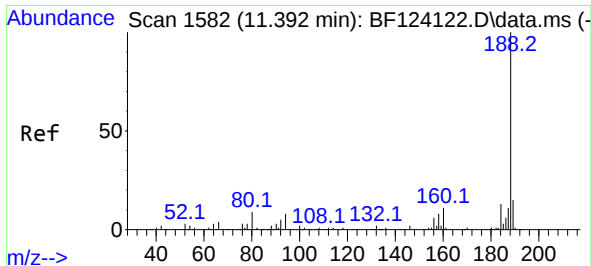
Tgt Ion:330 Resp: 162216
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 38.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 1051.318 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion:172 Resp: 588249
Ion Ratio Lower Upper
172 100
171 37.4 28.1 42.1
170 23.8 19.2 28.8

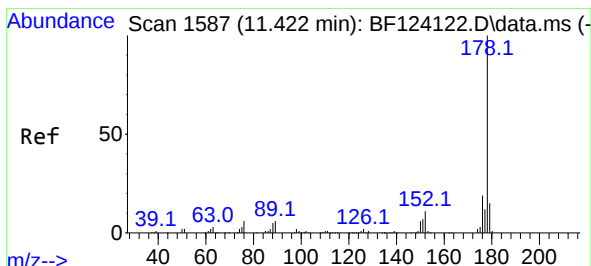
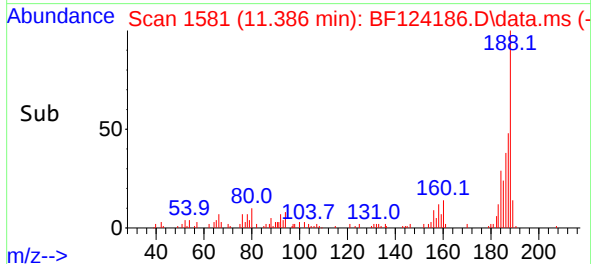
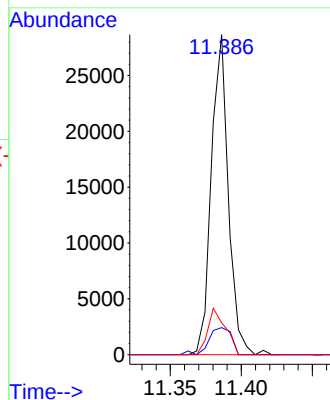
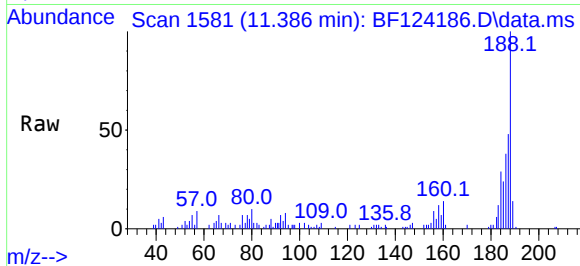




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

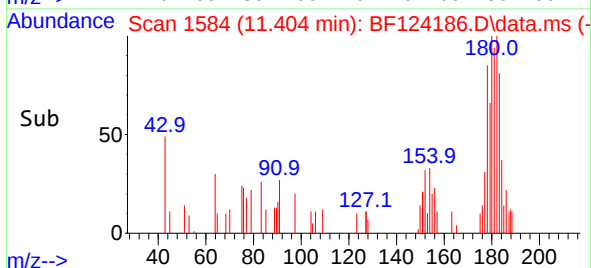
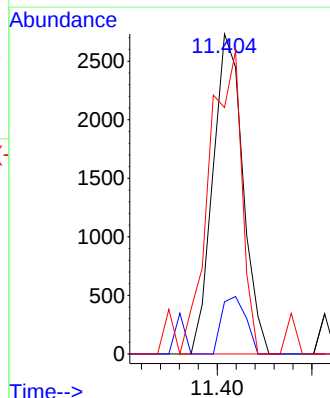
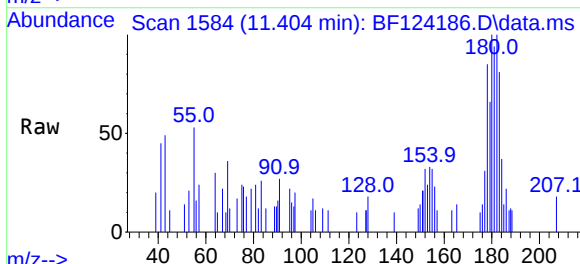
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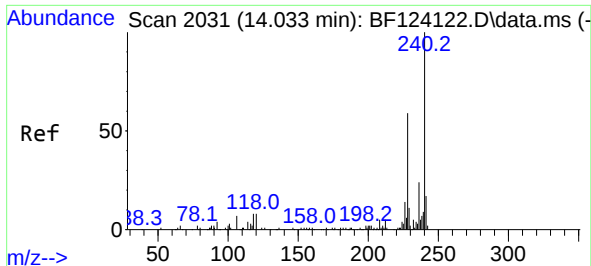
Tgt Ion:188	Resp:	23844
Ion Ratio	Lower	Upper
188	100	
94	8.5	6.9 10.3
80	9.9	8.2 12.2



#71
Phenanthrene
Concen: 2.021 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.018 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion:178	Resp:	3010
Ion Ratio	Lower	Upper
178	100	
176	16.3	15.6 23.4
179	77.0	12.5 18.7#

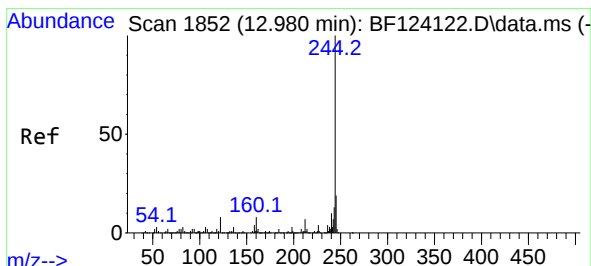
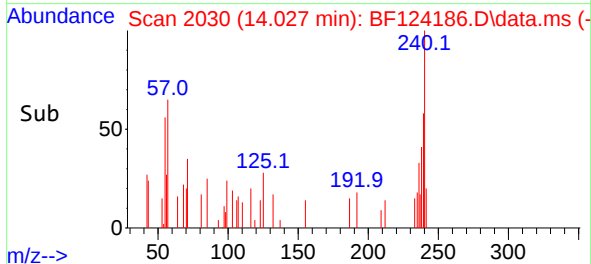
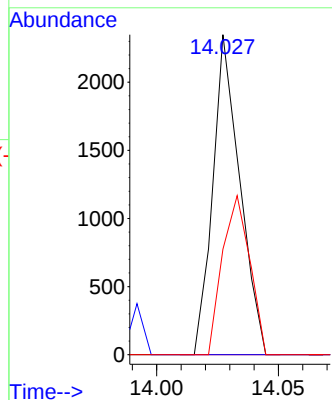
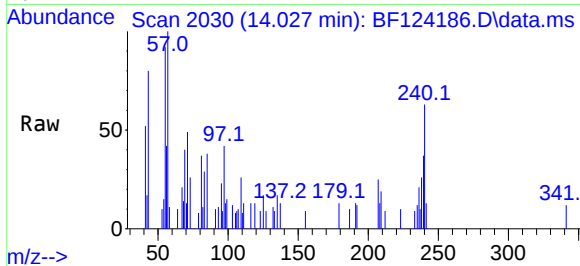




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

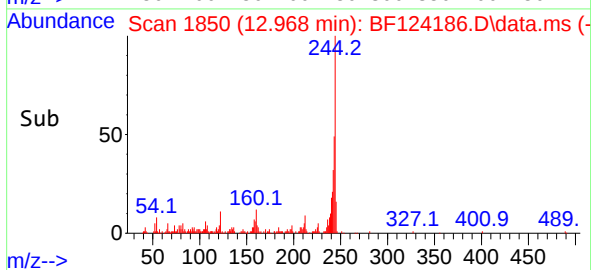
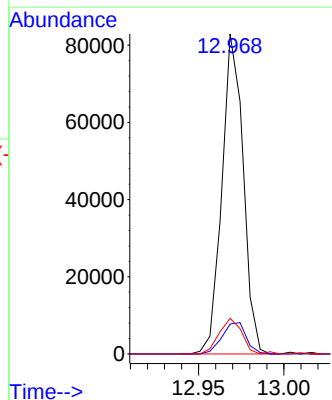
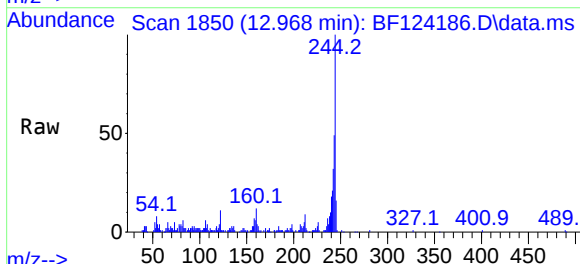
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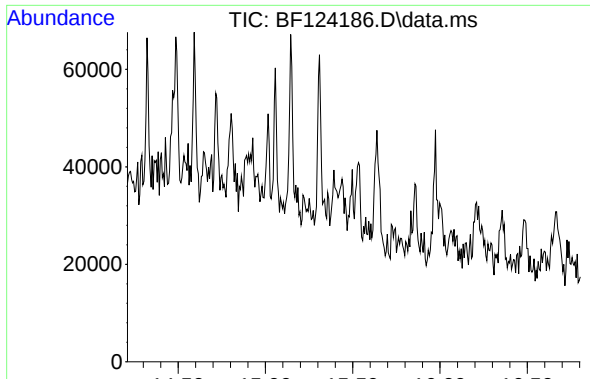
Tgt Ion:240 Resp: 1812
Ion Ratio Lower Upper
240 100
120 0.0 7.2 10.8#
236 33.0 19.0 28.4#



#79
Terphenyl-d14
Concen: 545.129 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion:244 Resp: 71945
Ion Ratio Lower Upper
244 100
212 9.4 5.7 8.5#
122 11.1 9.7 14.5





#86
Perylene-d12
Concen: 0.000 ng
Expected RT: 15.51 min

Lab File: BF124186.D
Acq: 8 Jun 2021 18:29

Tgt Ion: 264
Sig Exp Ratio
264 100
260 23.4
265 22.3

Instrument :
BNA_F
ClientSampleId :
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