

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125184.D
 Acq On : 24 Aug 2021 14:33
 Operator : JU/CG
 Sample : M3489-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-GROWS

Quant Time: Aug 24 15:23:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

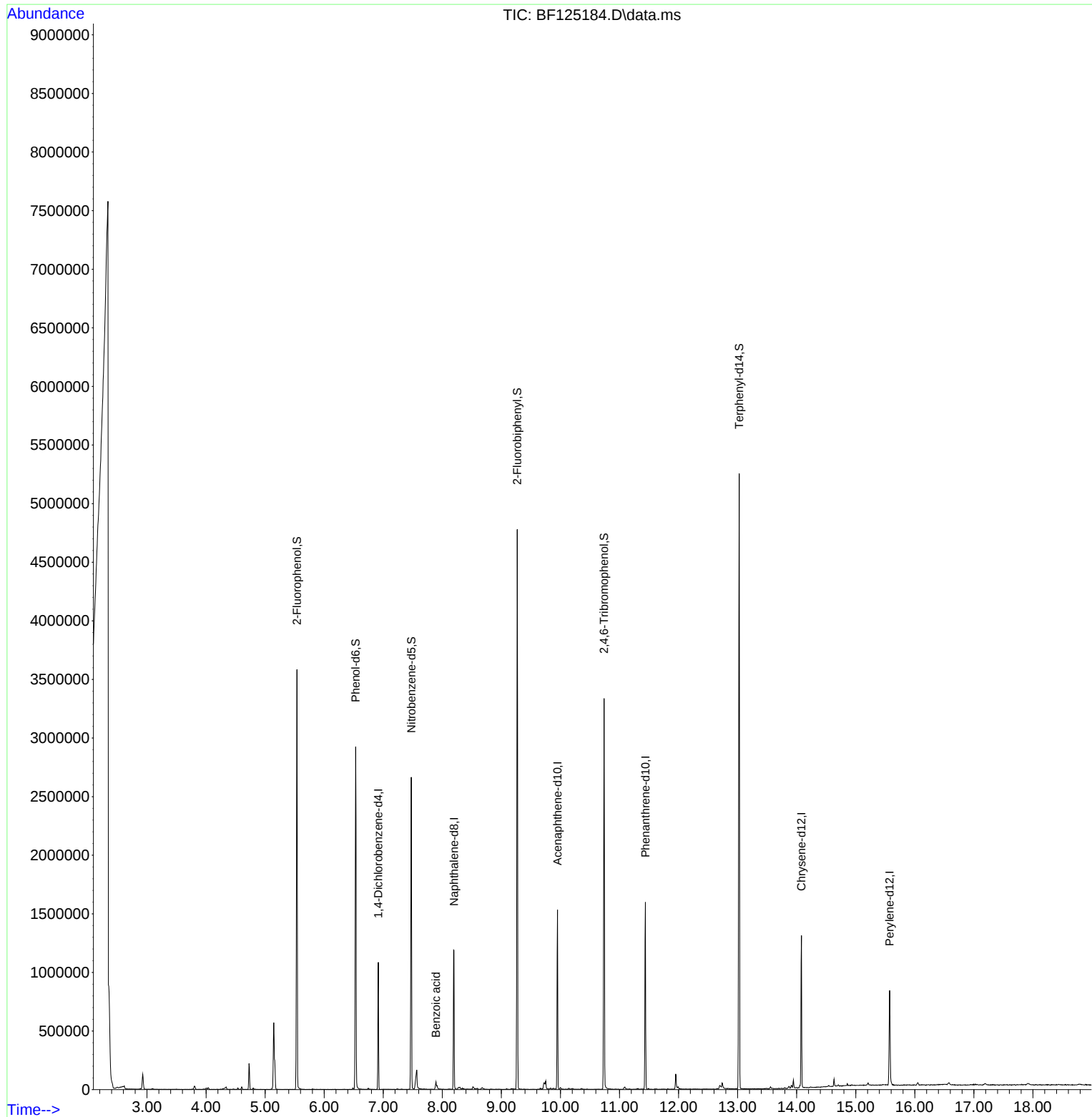
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	139919	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	538551	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	293930	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	558984	20.000	ng	0.00
76) Chrysene-d12	14.080	240	421841	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	357982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	860079	93.041	ng	0.01
7) Phenol-d6	6.534	99	951678	79.601	ng	0.00
23) Nitrobenzene-d5	7.475	82	792050	74.041	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	403530	137.532	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1452161	68.857	ng	0.00
79) Terphenyl-d14	13.027	244	1910214	72.140	ng	0.00
Target Compounds						
32) Benzoic acid	7.892	122	16555	2.993	ng	# 83

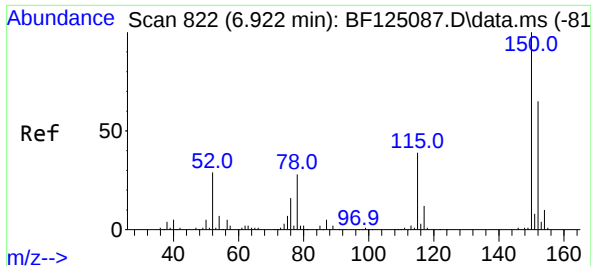
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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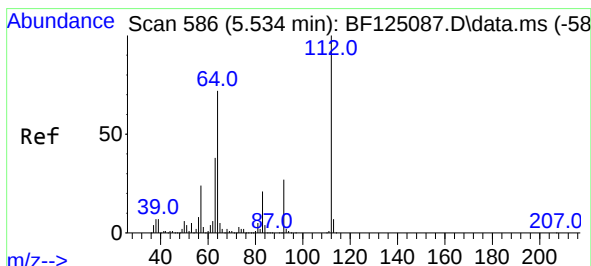
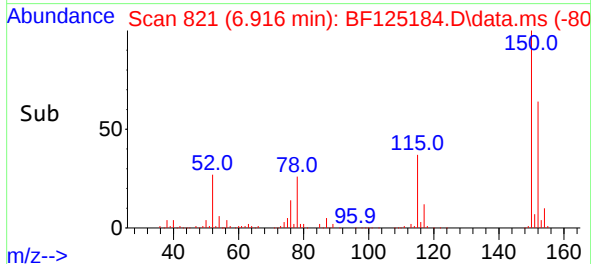
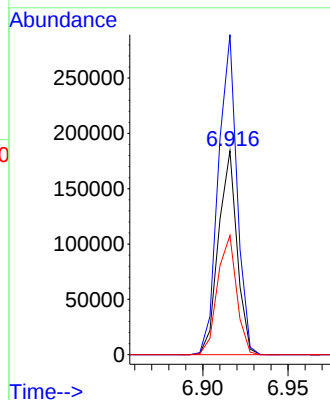
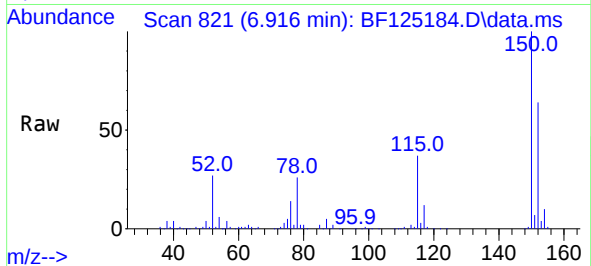




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

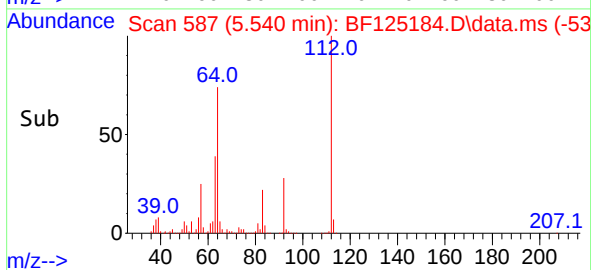
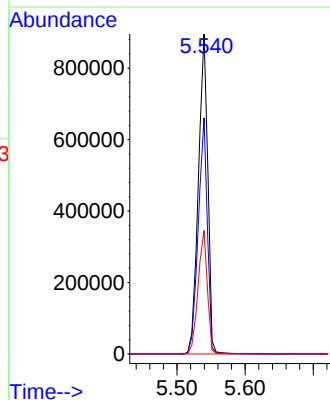
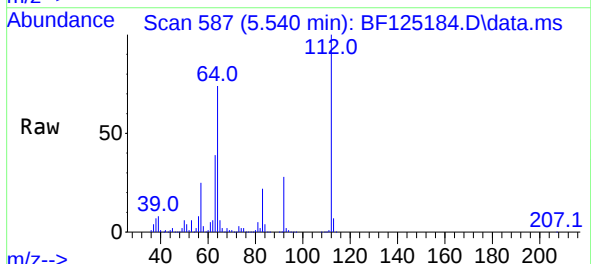
Instrument :
BNA_F
ClientSampleId :
2-GROWS

Tgt Ion:152 Resp: 139919
Ion Ratio Lower Upper
152 100
150 157.0 117.6 176.4
115 58.5 47.1 70.7



#5
2-Fluorophenol
Concen: 93.041 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Tgt Ion:112 Resp: 860079
Ion Ratio Lower Upper
112 100
64 73.8 44.2 66.2#
63 38.6 26.2 39.2

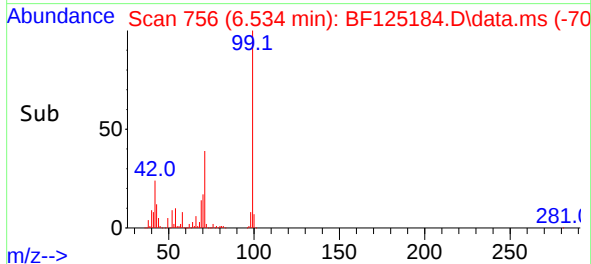
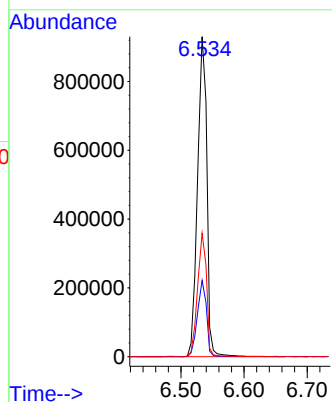
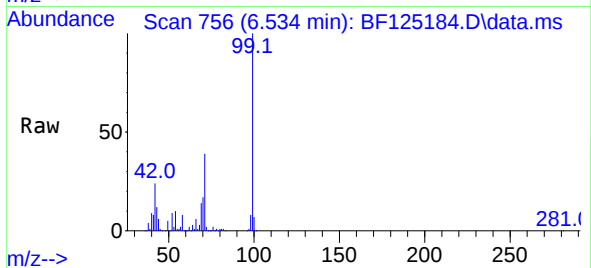




#7
Phenol-d6
Concen: 79.601 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

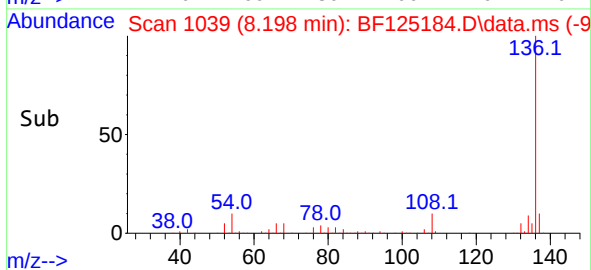
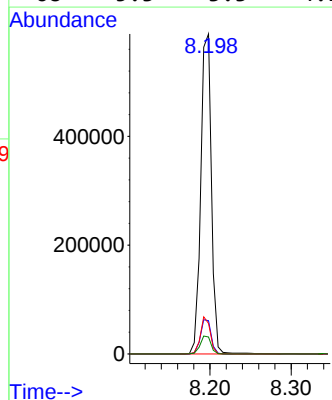
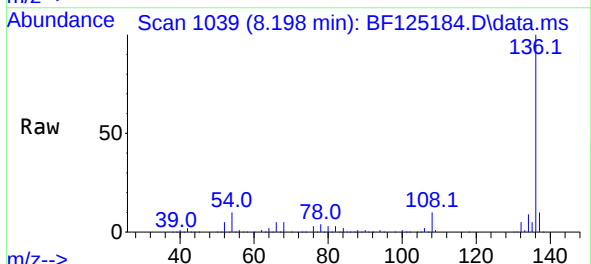
Instrument :
BNA_F
ClientSampleId :
2-GROWS

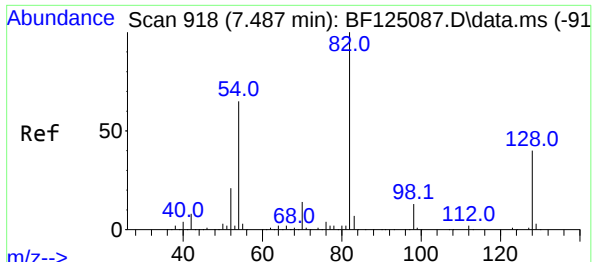
Tgt Ion: 99 Resp: 951678
Ion Ratio Lower Upper
99 100
42 23.8 23.5 35.3
71 38.6 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Tgt Ion: 136 Resp: 538551
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 9.5 6.4 9.6
68 5.3 3.3 4.9#

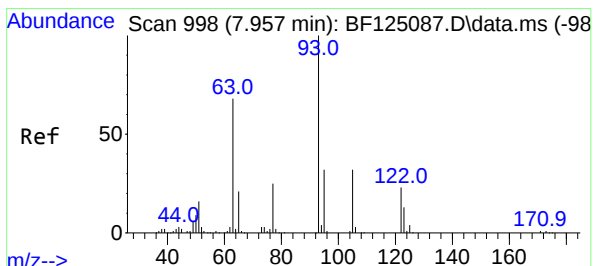
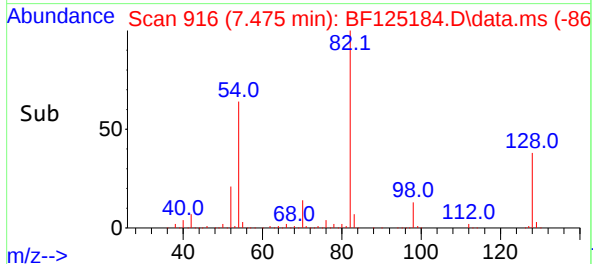
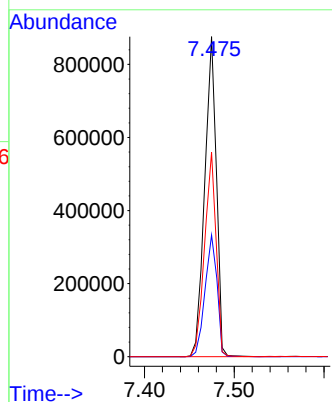
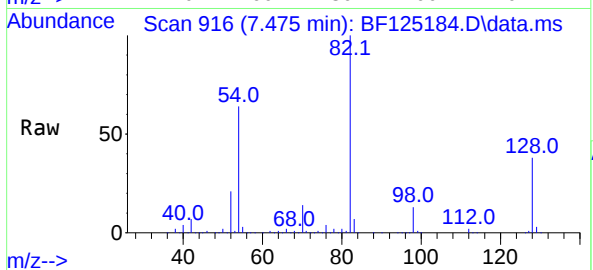




#23
Nitrobenzene-d5
Concen: 74.041 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

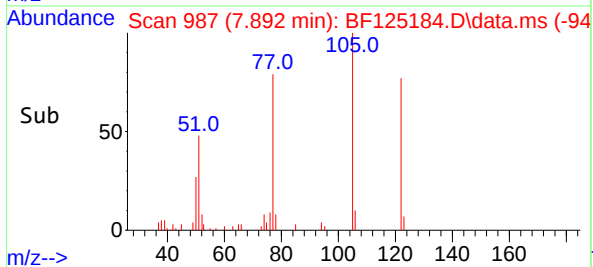
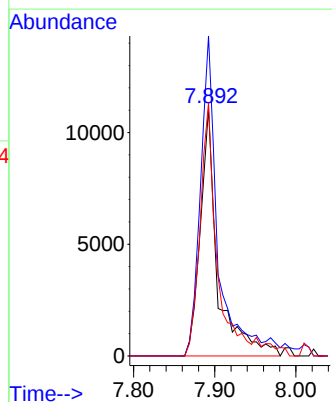
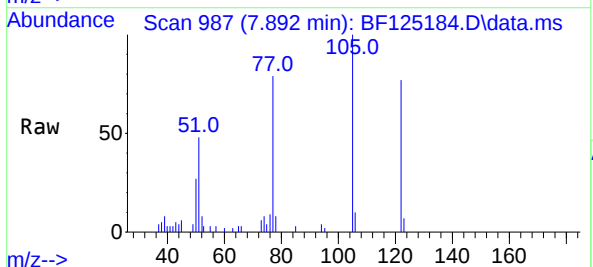
Instrument :
BNA_F
ClientSampleId :
2-GROWS

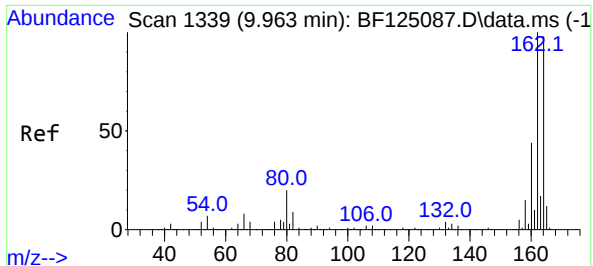
Tgt Ion: 82 Resp: 792050
Ion Ratio Lower Upper
82 100
128 38.0 40.6 60.8#
54 63.8 49.6 74.4



#32
Benzoic acid
Concen: 2.993 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.053 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Tgt Ion:122 Resp: 16555
Ion Ratio Lower Upper
122 100
105 129.2 97.6 137.6
77 102.2 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1337

Delta R.T. 0.000 min

Lab File: BF125184.D

Acq: 24 Aug 2021 14:33

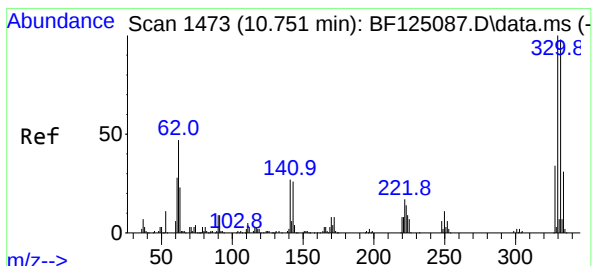
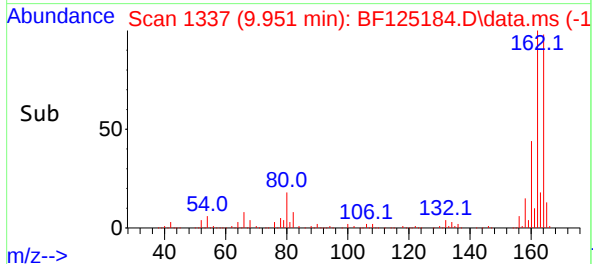
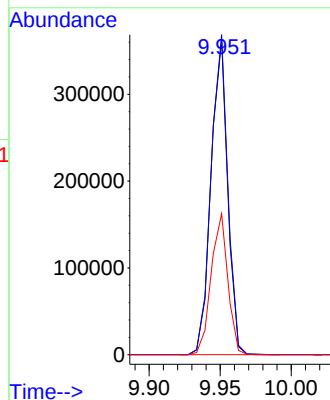
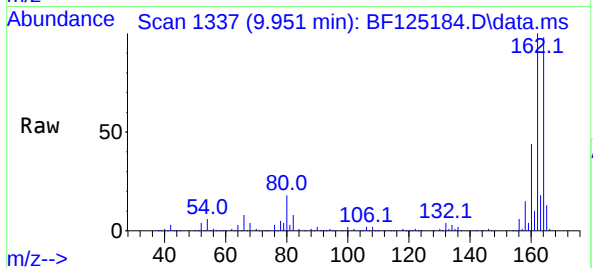
Tgt Ion:164 Resp: 293930

Ion Ratio Lower Upper

164 100

162 101.6 81.3 121.9

160 44.8 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 137.532 ng

RT: 10.739 min Scan# 1471

Delta R.T. 0.000 min

Lab File: BF125184.D

Acq: 24 Aug 2021 14:33

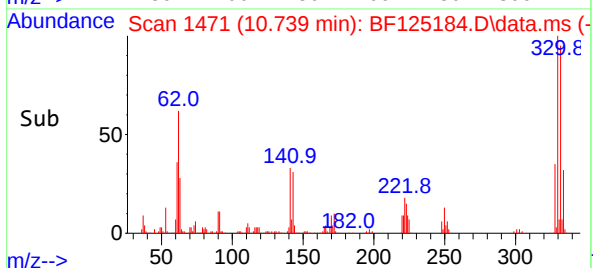
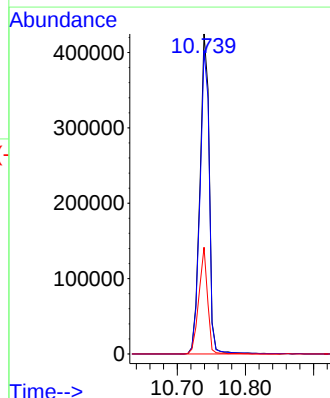
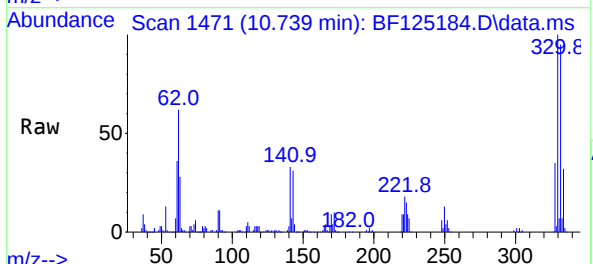
Tgt Ion:330 Resp: 403530

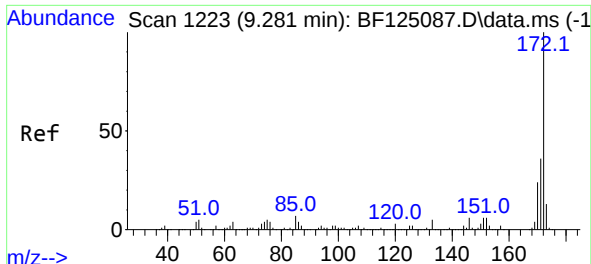
Ion Ratio Lower Upper

330 100

332 95.1 76.2 114.4

141 30.9 44.6 66.8#

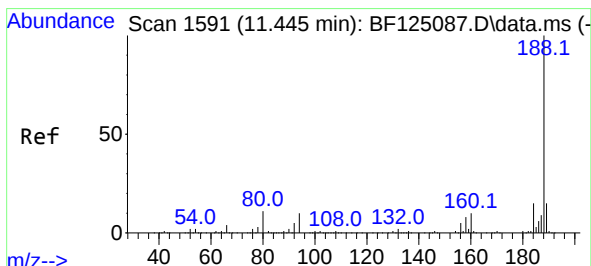
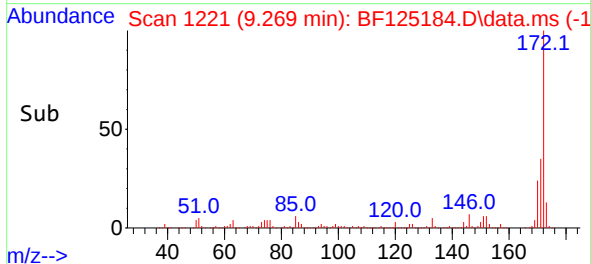
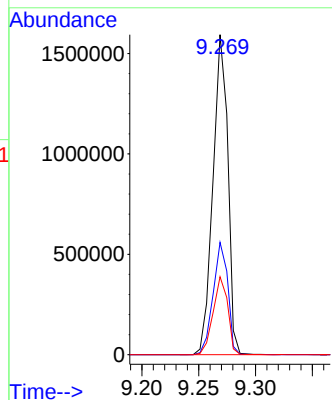
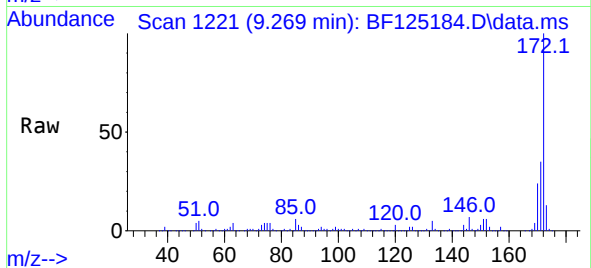




#45
2-Fluorobiphenyl
Concen: 68.857 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

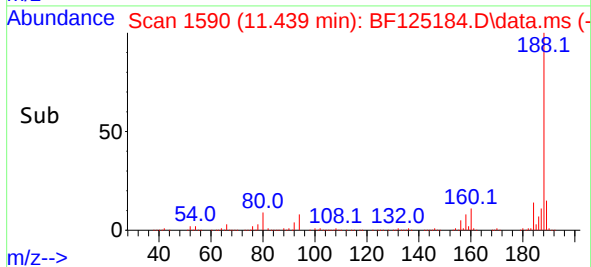
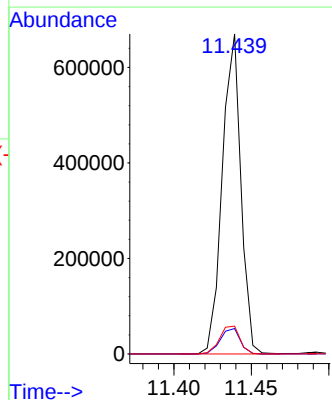
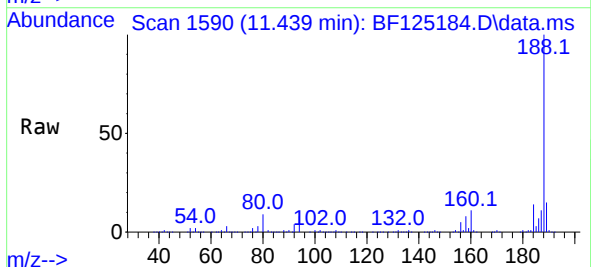
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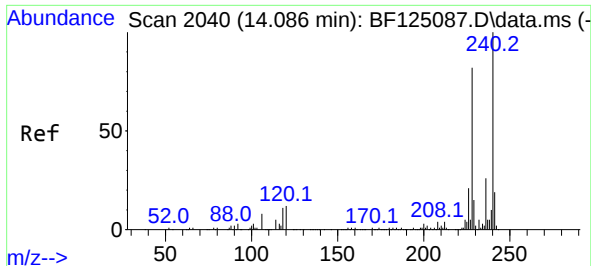
Tgt Ion:172 Resp: 1452161
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 24.3 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Tgt Ion:188 Resp: 558984
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.7 7.5 11.3

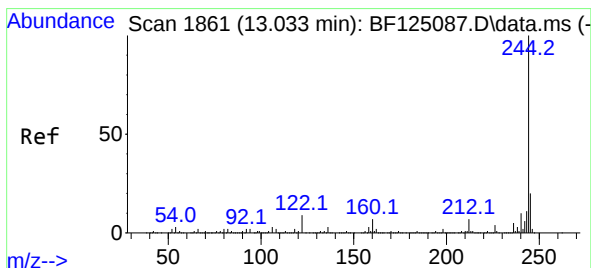
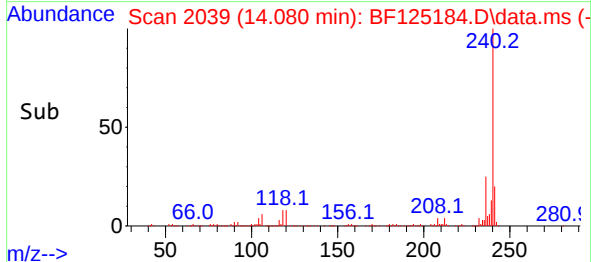
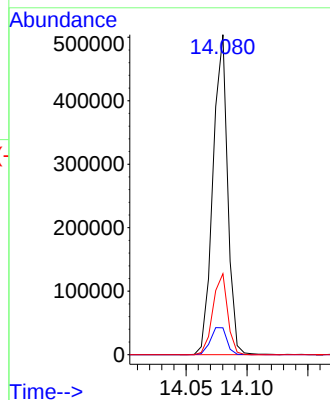
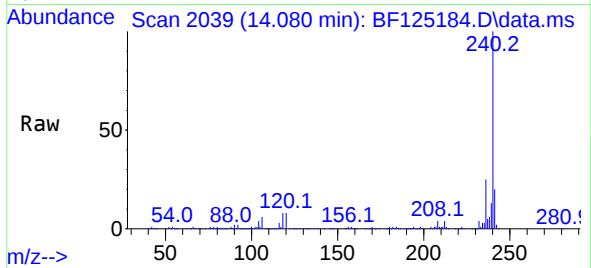




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

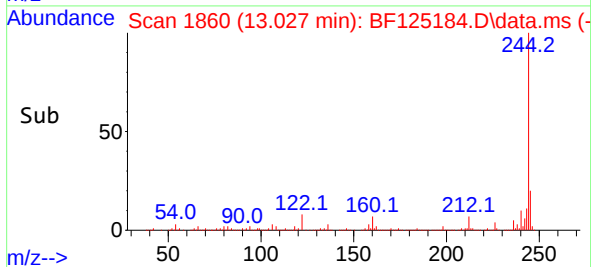
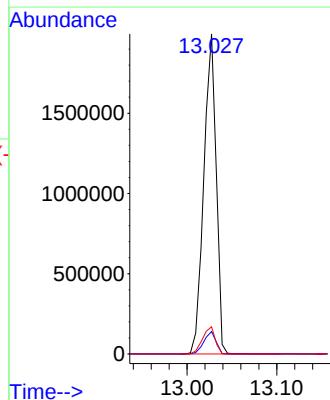
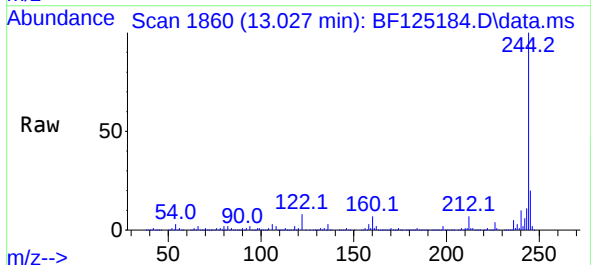
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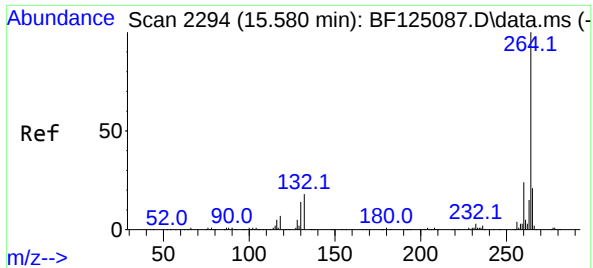
Tgt Ion:240 Resp: 421841
Ion Ratio Lower Upper
240 100
120 8.4 10.8 16.2#
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 72.140 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Tgt Ion:244 Resp: 1910214
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.5 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125184.D
Acq: 24 Aug 2021 14:33

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 357982
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 21.7 17.2 25.8

