

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125520.D
 Acq On : 15 Sep 2021 23:49
 Operator : JU/CG
 Sample : M3684-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A007145

Quant Time: Sep 16 03:08:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 15 15:08:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	166017	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	648464	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	359753	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	674579	20.000	ng	0.00
76) Chrysene-d12	14.039	240	500657	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	378567	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	866015	82.884	ng	0.00
7) Phenol-d6	6.504	99	1138424	81.979	ng	0.00
23) Nitrobenzene-d5	7.428	82	776122	59.094	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	82196	18.760	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1423426	58.059	ng	0.00
79) Terphenyl-d14	12.986	244	1752528	56.761	ng	0.00

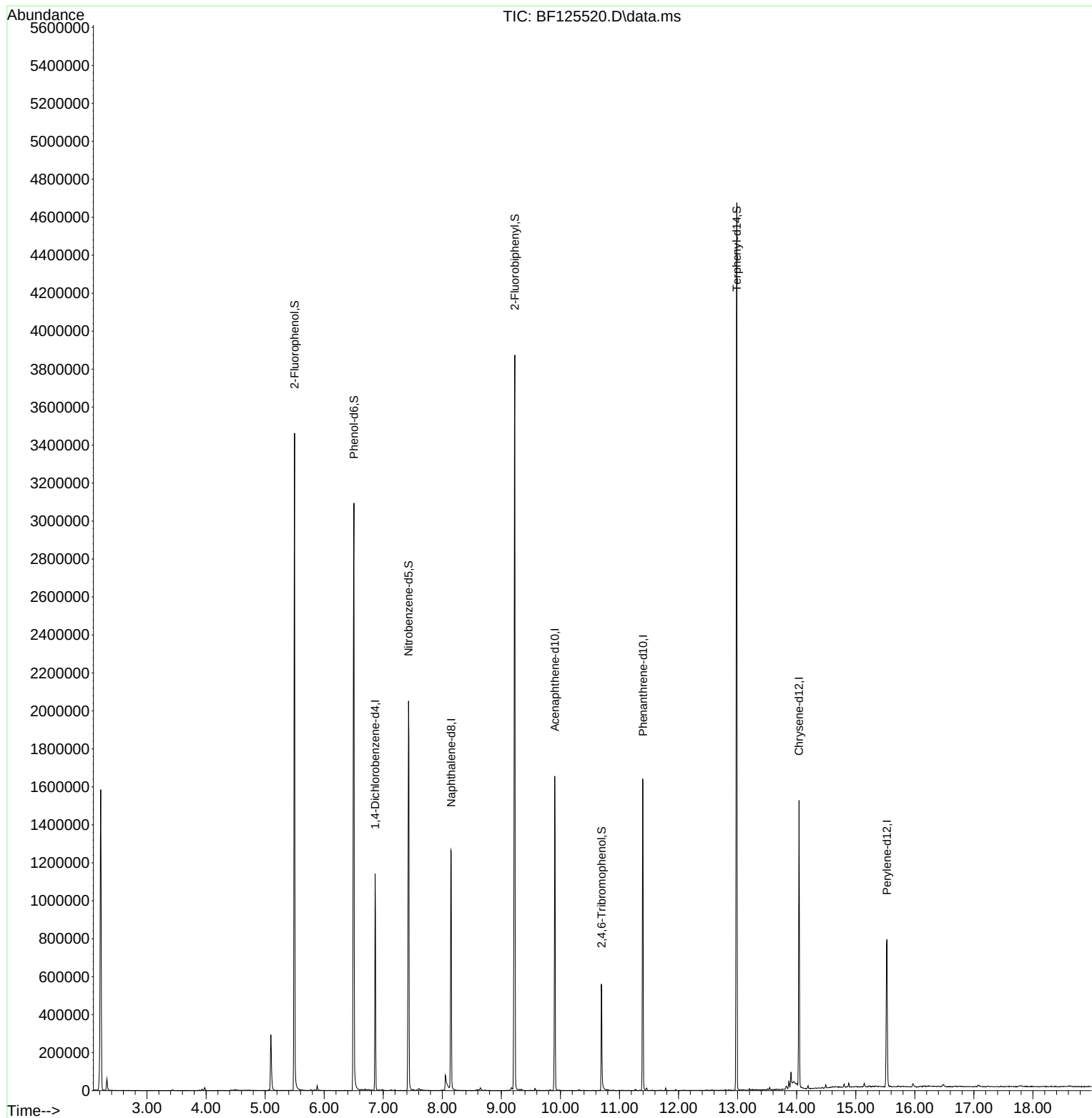
Target Compounds	Qvalue

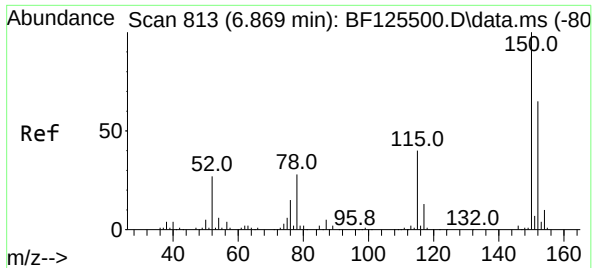
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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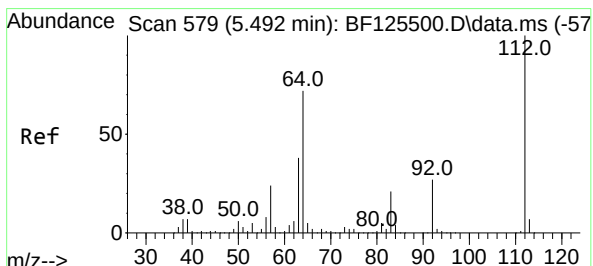
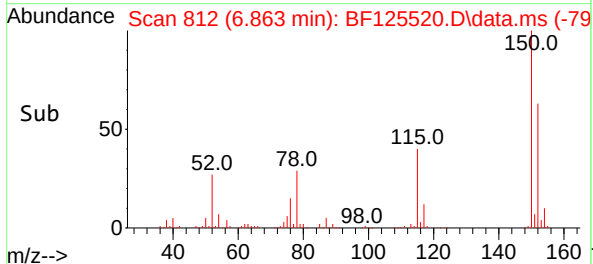
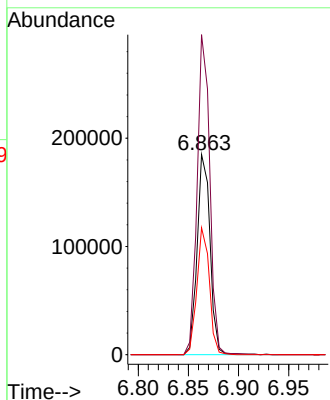
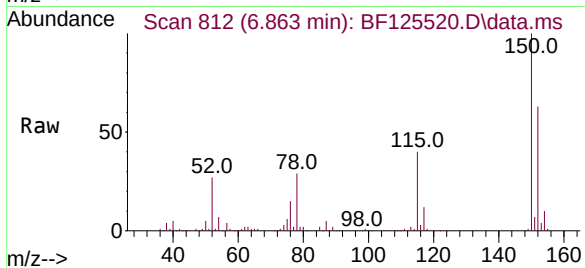




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

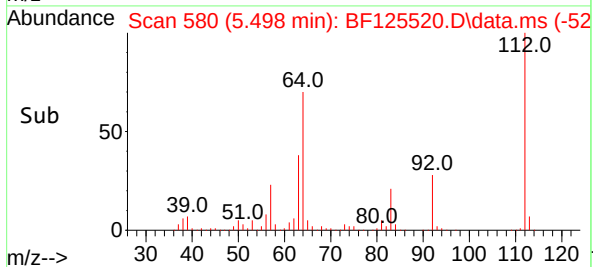
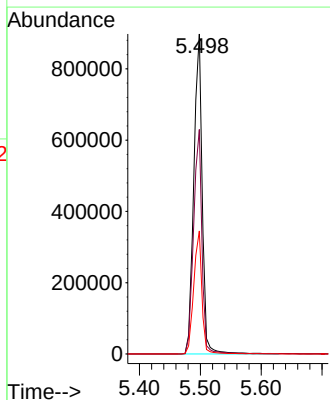
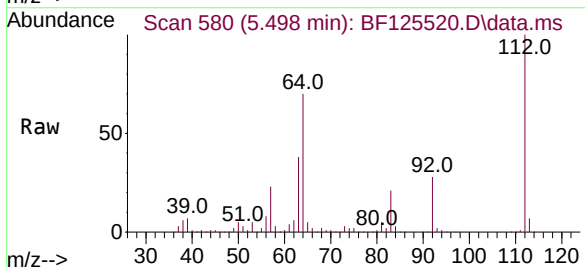
Instrument :
BNA_F
ClientSampleId :
A007145

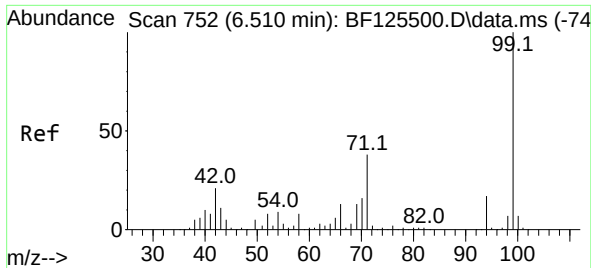
Tgt Ion:152 Resp: 166017
Ion Ratio Lower Upper
152 100
150 159.9 117.6 176.4
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 82.884 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

Tgt Ion:112 Resp: 866015
Ion Ratio Lower Upper
112 100
64 70.2 44.2 66.2#
63 38.4 26.2 39.2

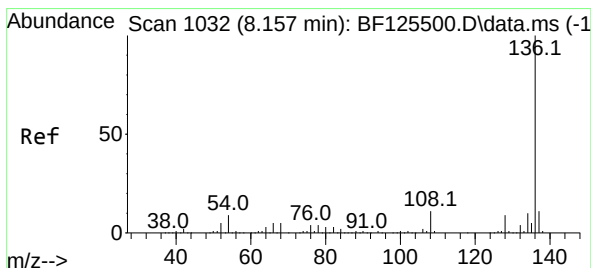
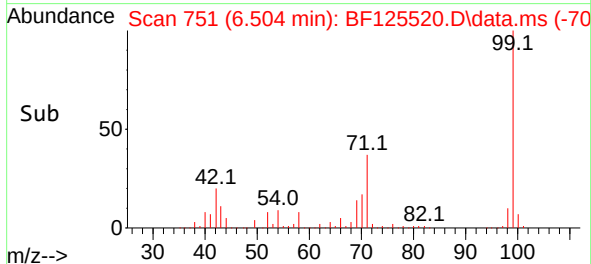
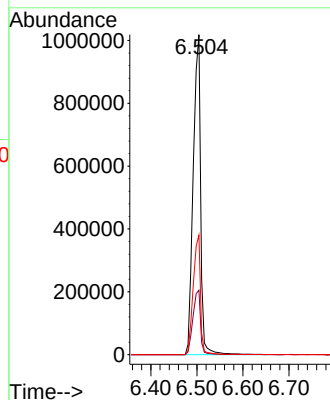
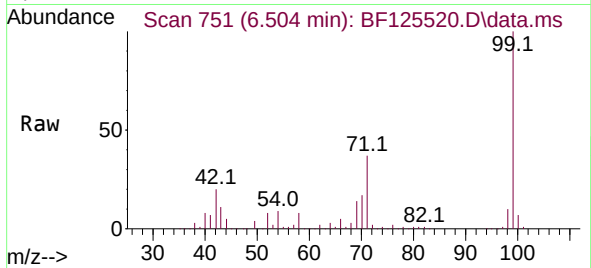




#7
Phenol-d6
Concen: 81.979 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

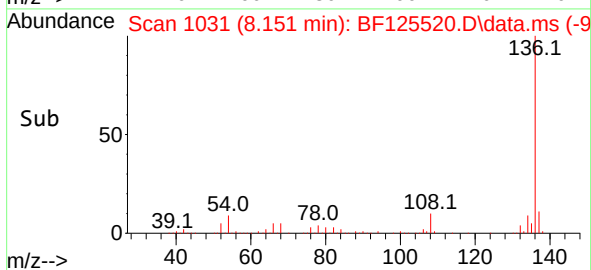
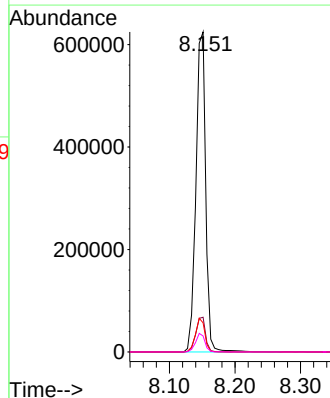
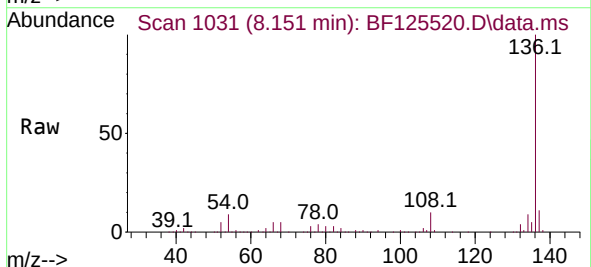
Instrument :
BNA_F
ClientSampleId :
A007145

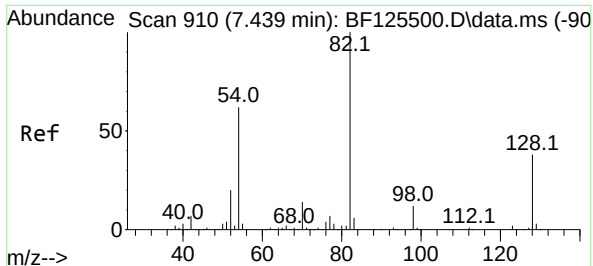
Tgt Ion: 99 Resp: 1138424
Ion Ratio Lower Upper
99 100
42 20.1 23.5 35.3#
71 37.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

Tgt Ion: 136 Resp: 648464
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.1 6.4 9.6
68 5.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 59.094 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.011 min

Lab File: BF125520.D

Acq: 15 Sep 2021 23:49

Tgt Ion: 82 Resp: 776122

Ion Ratio Lower Upper

82 100

128 39.4 40.6 60.8#

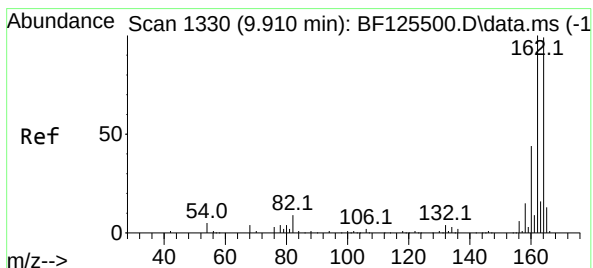
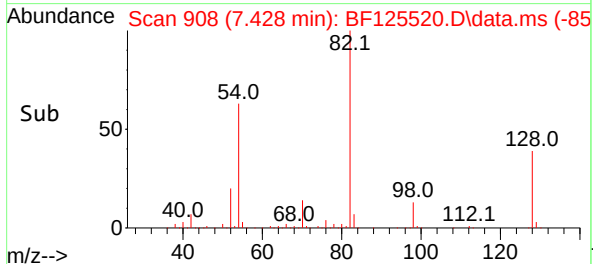
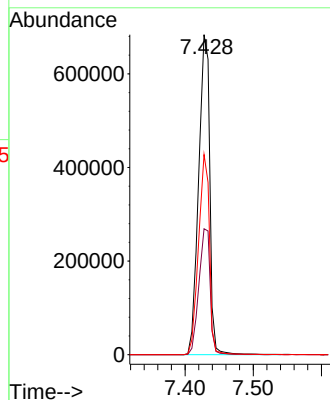
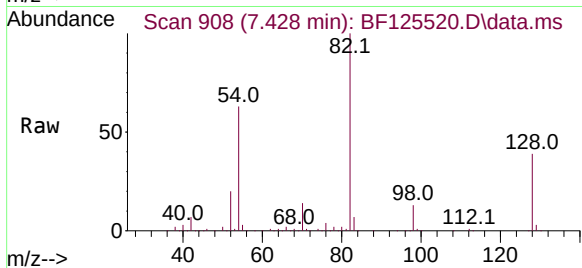
54 62.6 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

A007145



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF125520.D

Acq: 15 Sep 2021 23:49

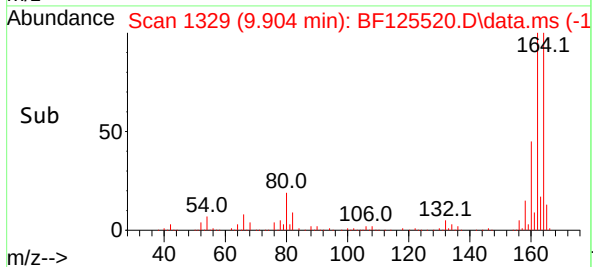
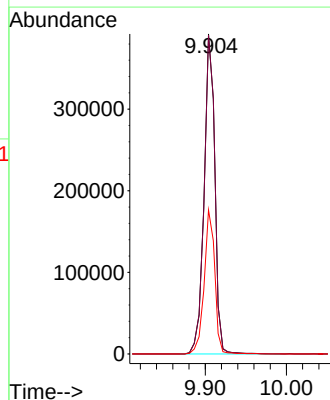
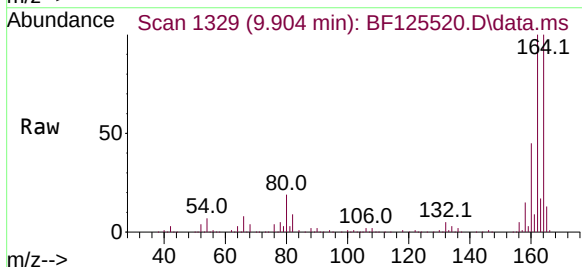
Tgt Ion:164 Resp: 359753

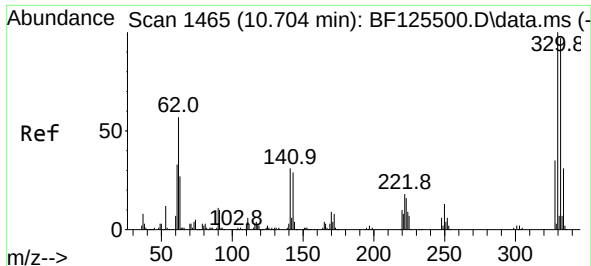
Ion Ratio Lower Upper

164 100

162 99.6 81.3 121.9

160 45.0 38.0 57.0

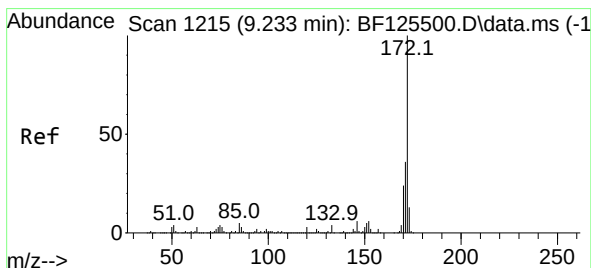
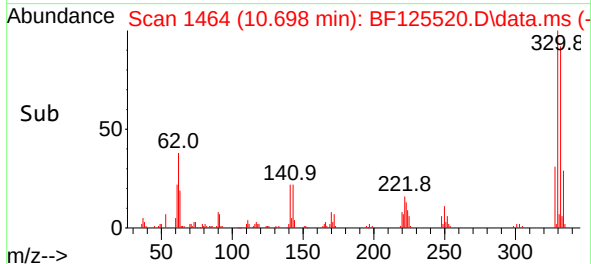
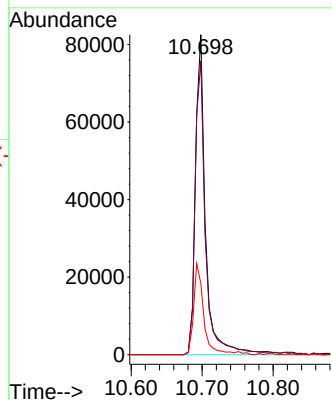
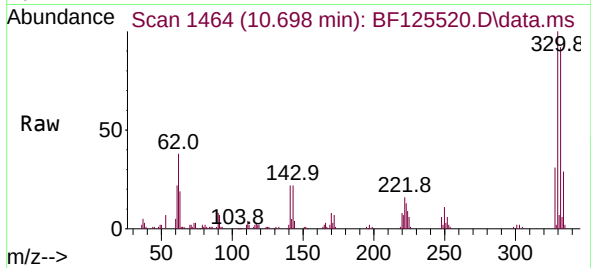




#42
2,4,6-Tribromophenol
Concen: 18.760 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

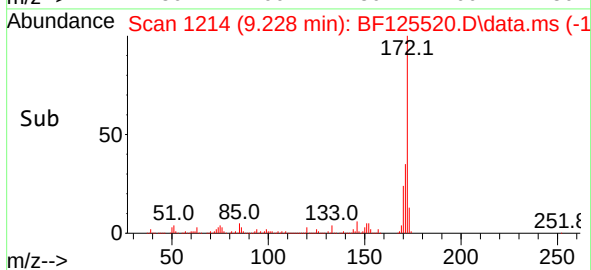
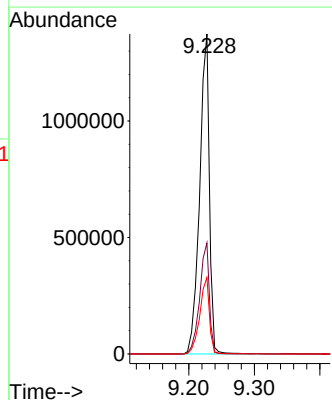
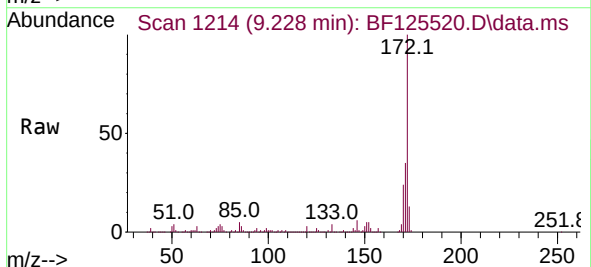
Instrument :
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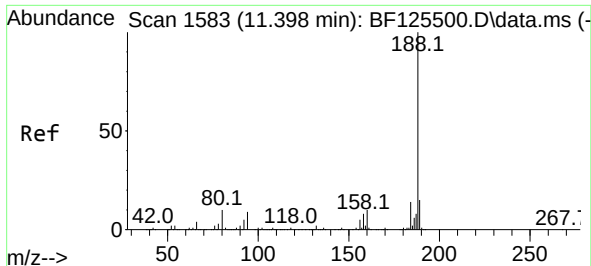
Tgt Ion:330 Resp: 82196
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 28.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 58.059 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

Tgt Ion:172 Resp: 1423426
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.9 18.8 28.2

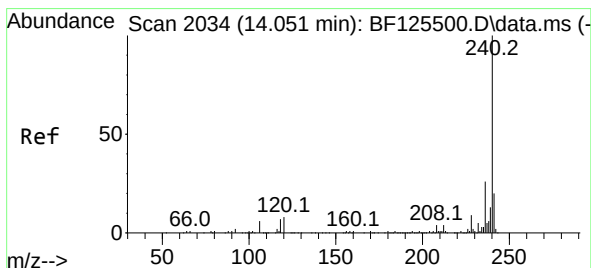
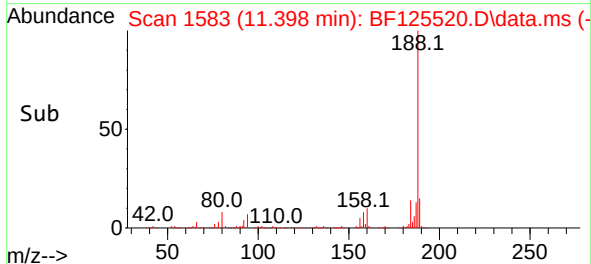
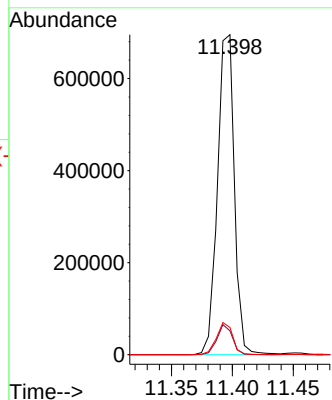
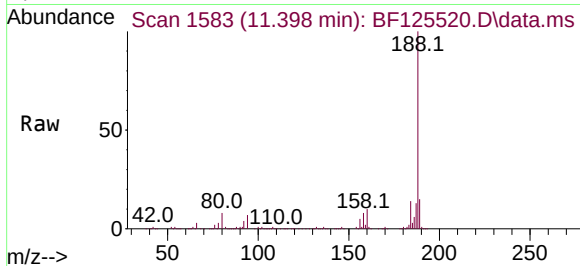




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

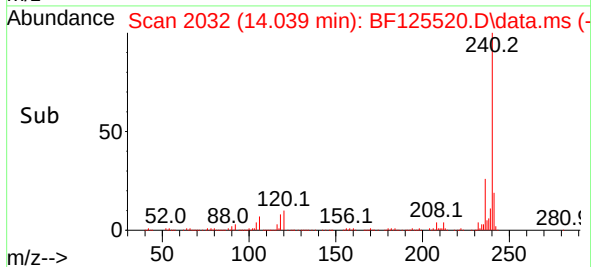
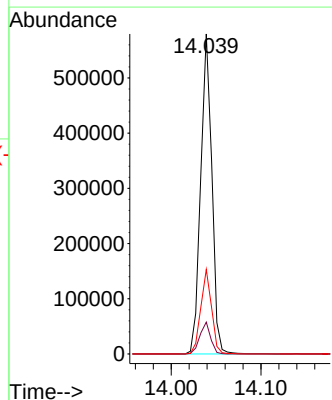
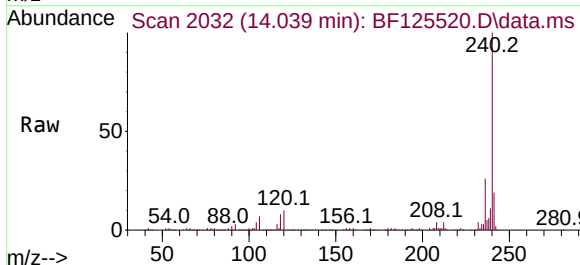
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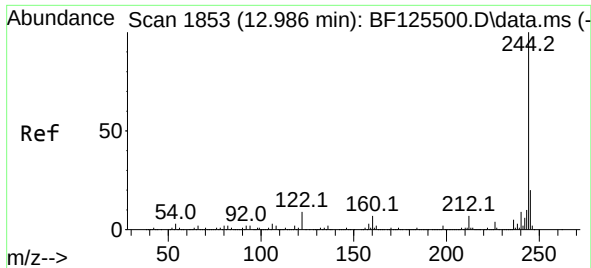
Tgt Ion:188 Resp: 674579
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.5 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125520.D
Acq: 15 Sep 2021 23:49

Tgt Ion:240 Resp: 500657
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 26.4 21.6 32.4

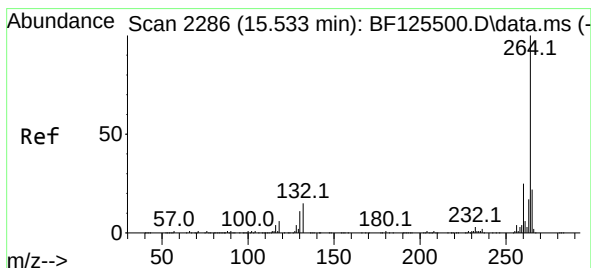
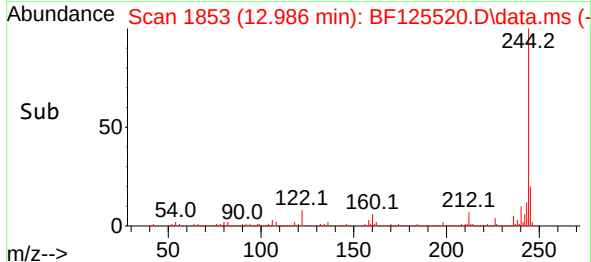
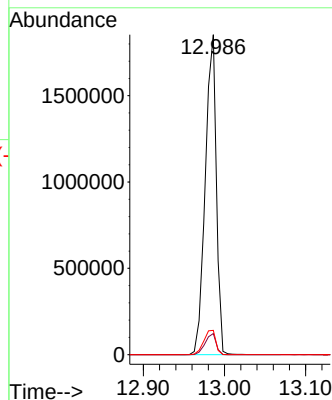
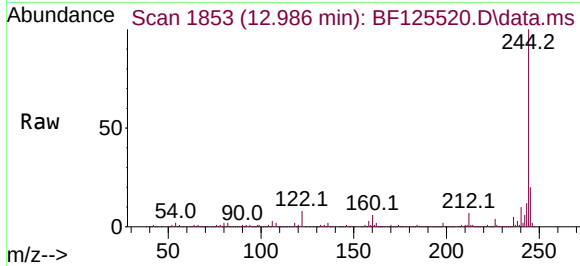




#79
 Terphenyl-d14
 Concen: 56.761 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: BF125520.D
 Acq: 15 Sep 2021 23:49

Instrument :
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Tgt Ion:244 Resp: 1752528
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 7.6 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF125520.D
 Acq: 15 Sep 2021 23:49

Tgt Ion:264 Resp: 378567
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 22.0 17.2 25.8

