

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125518.D
 Acq On : 15 Sep 2021 22:45
 Operator : JU/CG
 Sample : M3684-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A008145

Quant Time: Sep 16 03:08:00 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	165781	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	646271	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	351747	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	661741	20.000	ng	0.00
76) Chrysene-d12	14.039	240	517166	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	398616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	711095	68.154	ng	0.00
7) Phenol-d6	6.498	99	922613	66.532	ng	-0.01
23) Nitrobenzene-d5	7.428	82	621106	47.452	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	72897	17.016	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1162572	48.499	ng	0.00
79) Terphenyl-d14	12.980	244	1447347	45.380	ng	0.00

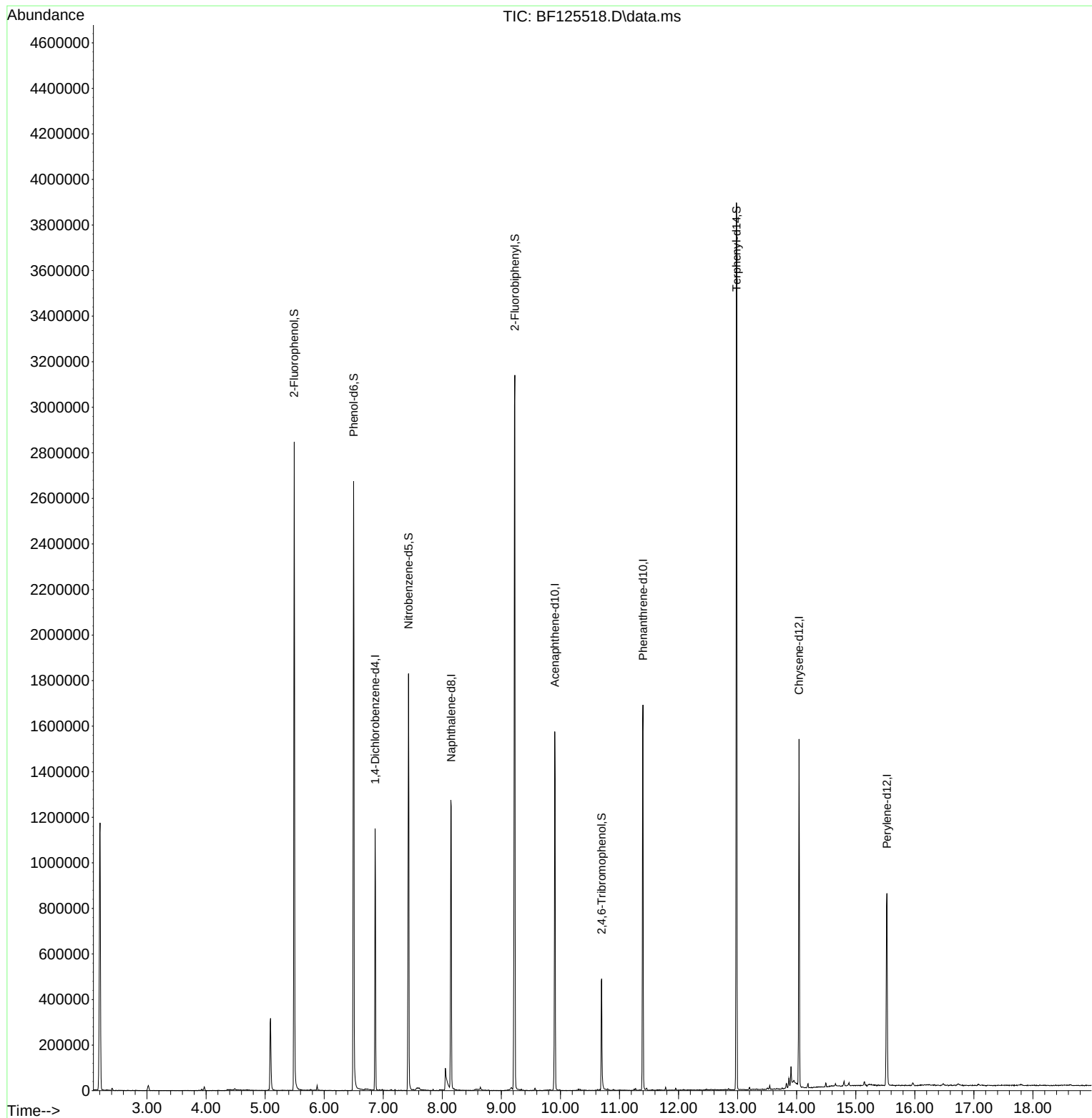
Target Compounds	Qvalue

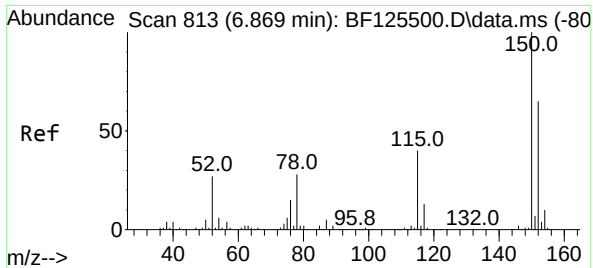
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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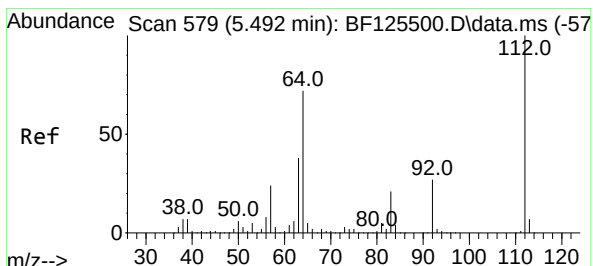
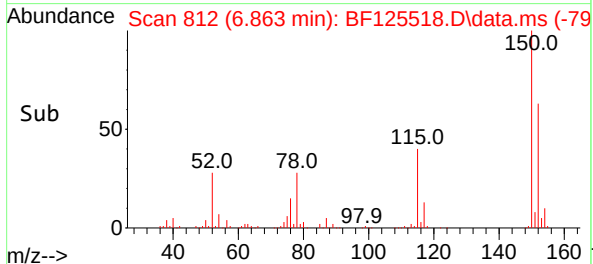
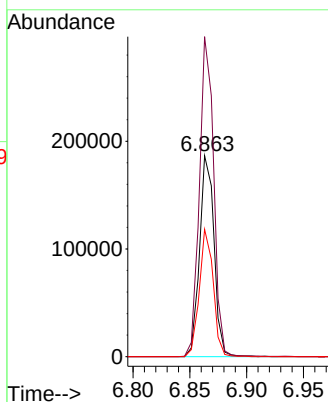
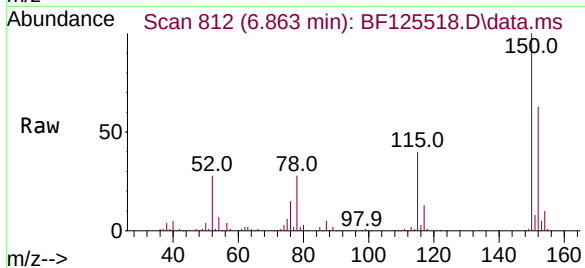




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

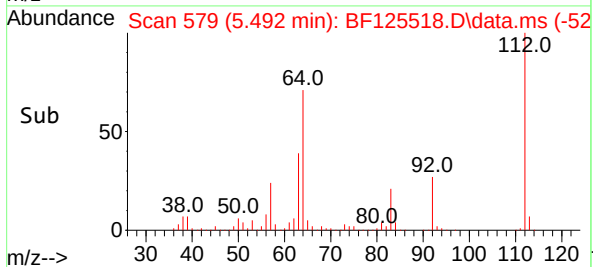
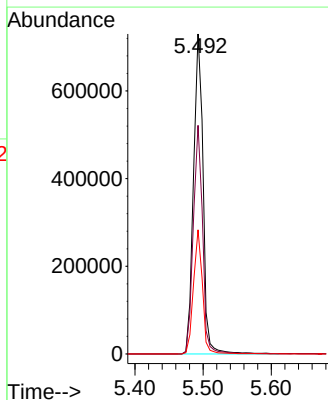
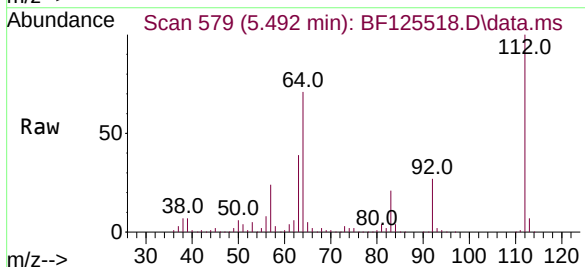
Instrument :
BNA_F
ClientSampleId :
A008145

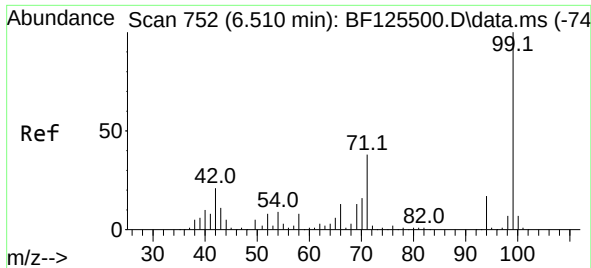
Tgt Ion:152 Resp: 165781
Ion Ratio Lower Upper
152 100
150 159.2 117.6 176.4
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 68.154 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

Tgt Ion:112 Resp: 711095
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 38.8 26.2 39.2

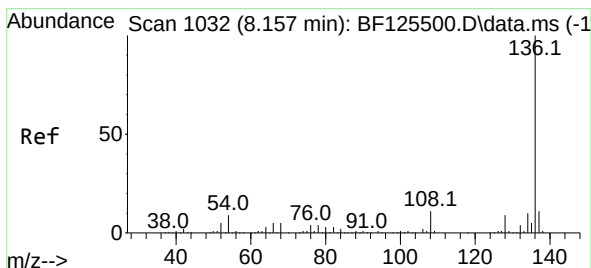
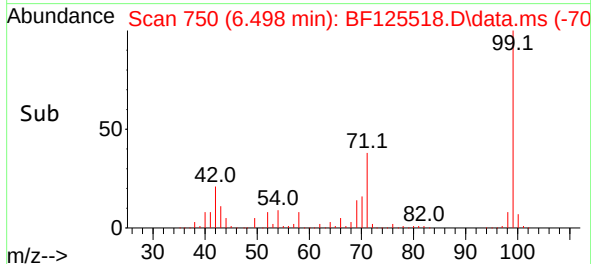
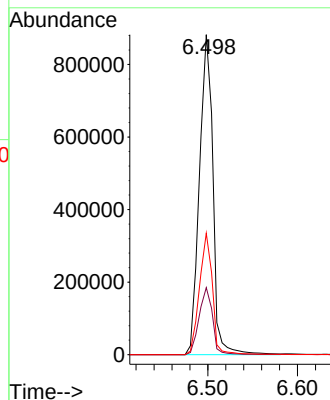
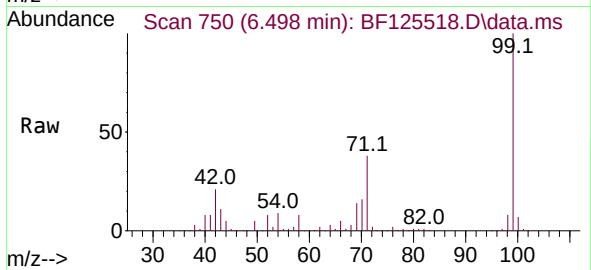




#7
Phenol-d6
Concen: 66.532 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

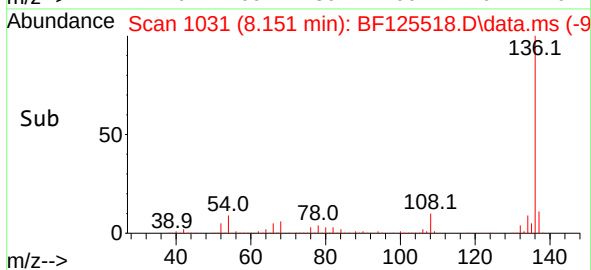
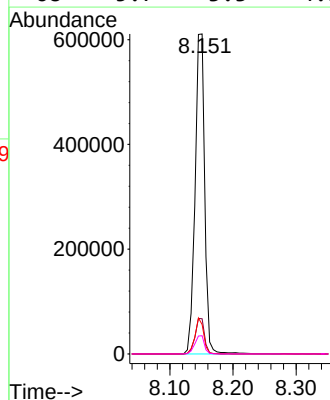
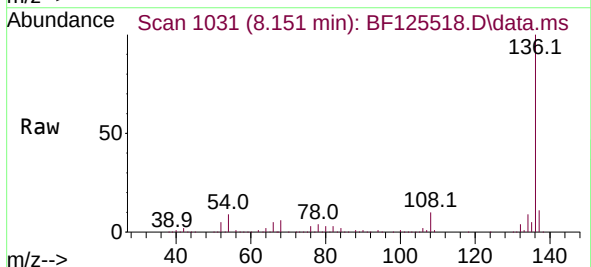
Instrument :
BNA_F
ClientSampleId :
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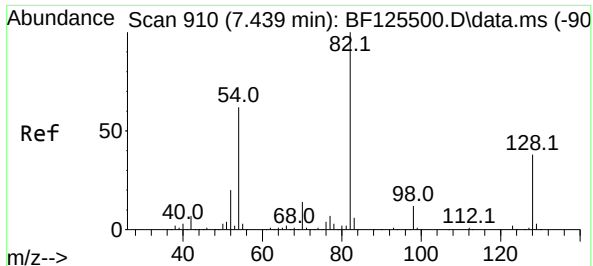
Tgt Ion: 99 Resp: 922613
Ion Ratio Lower Upper
99 100
42 20.9 23.5 35.3#
71 37.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

Tgt Ion: 136 Resp: 646271
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.2 6.4 9.6
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 47.452 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.011 min

Lab File: BF125518.D

Acq: 15 Sep 2021 22:45

Instrument :

BNA_F

ClientSampleId :

A008145

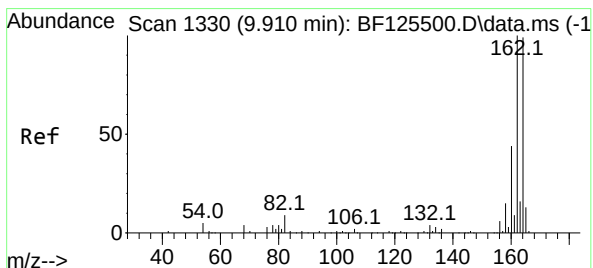
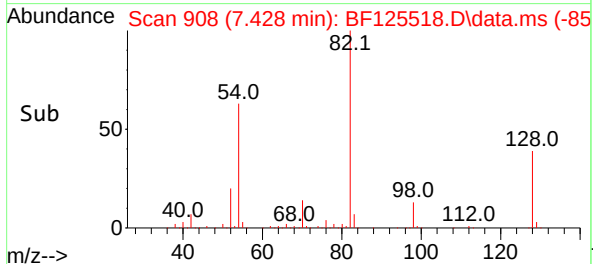
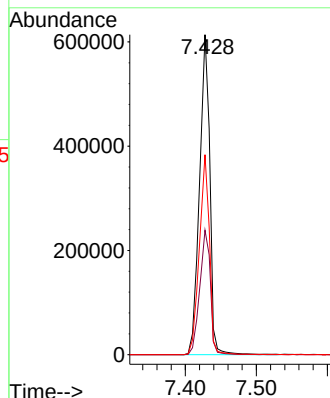
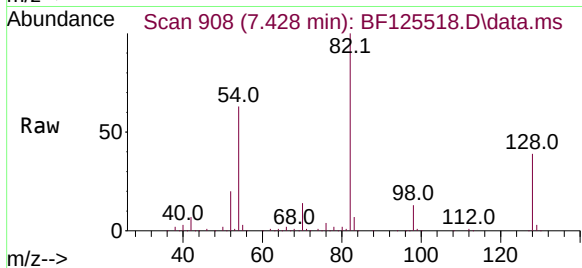
Tgt Ion: 82 Resp: 621106

Ion Ratio Lower Upper

82 100

128 38.9 40.6 60.8#

54 62.5 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF125518.D

Acq: 15 Sep 2021 22:45

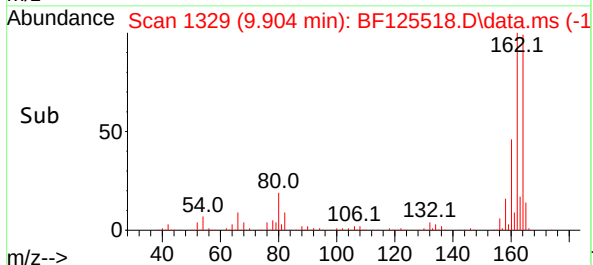
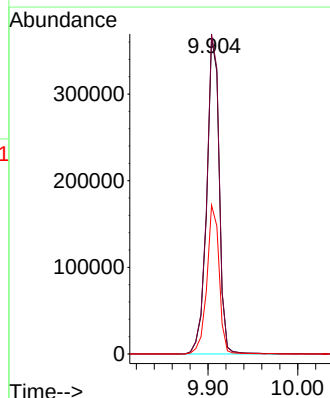
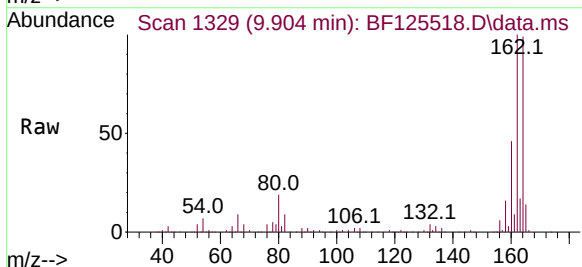
Tgt Ion:164 Resp: 351747

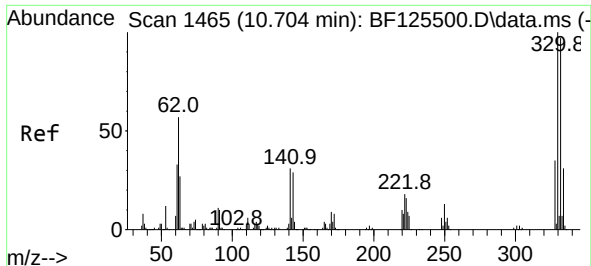
Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

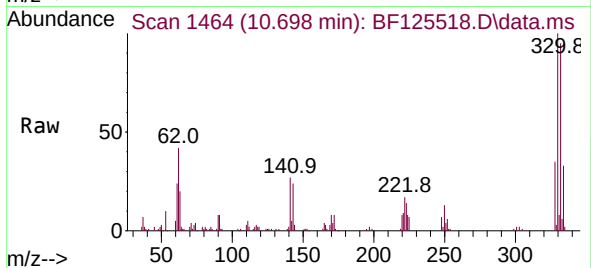
160 47.0 38.0 57.0



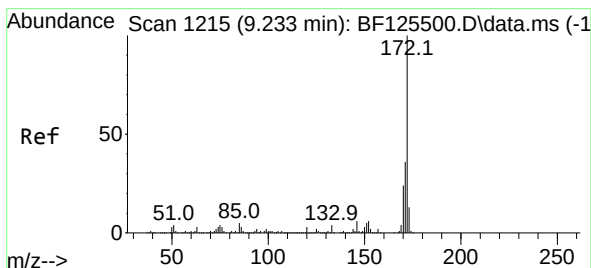
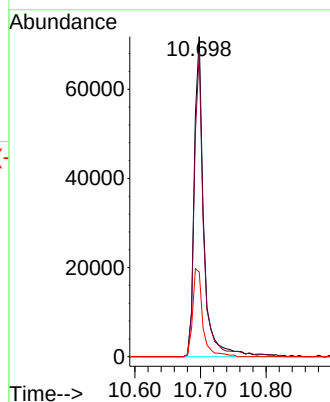
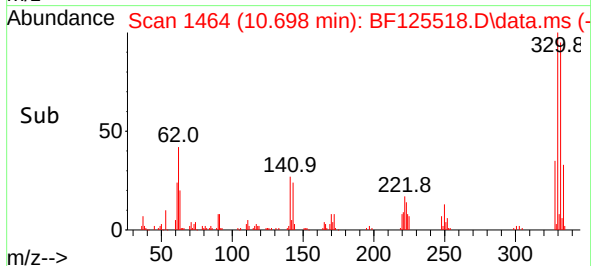


#42
2,4,6-Tribromophenol
Concen: 17.016 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

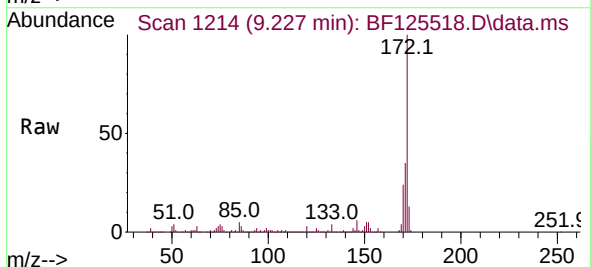
Instrument :
BNA_F
ClientSampleId :
A008145



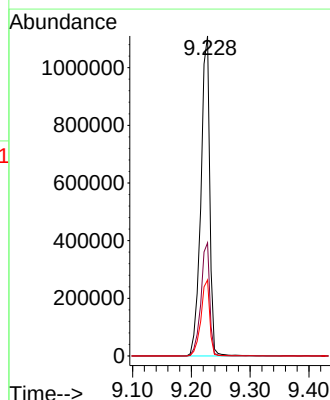
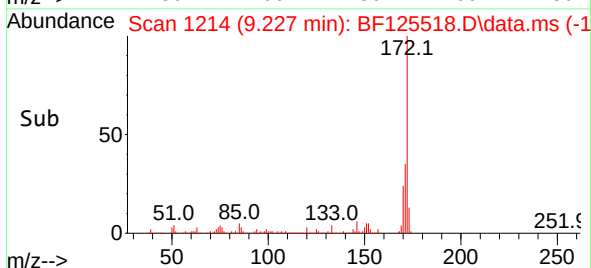
Tgt Ion: 330 Resp: 72897
Ion Ratio Lower Upper
330 100
332 93.1 76.2 114.4
141 29.0 44.6 66.8#

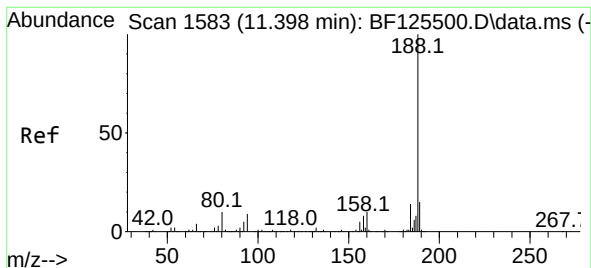


#45
2-Fluorobiphenyl
Concen: 48.499 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45



Tgt Ion: 172 Resp: 1162572
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.7 18.8 28.2

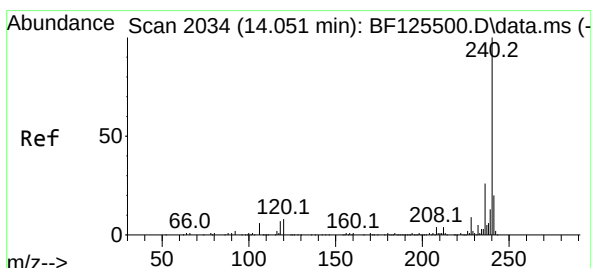
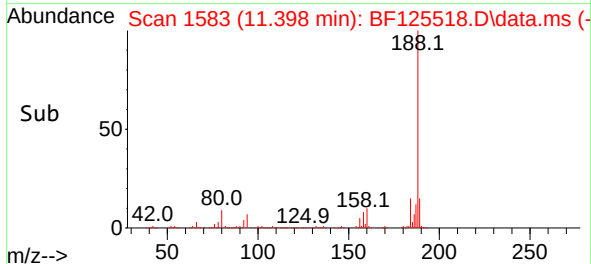
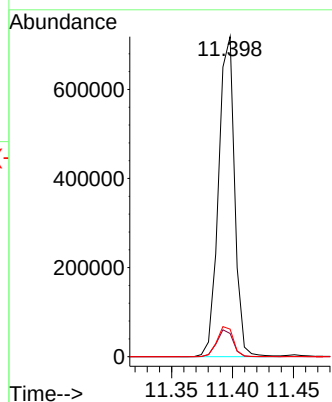
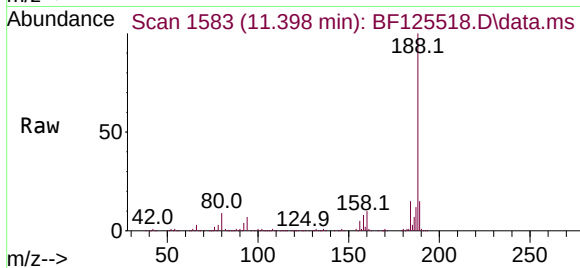




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

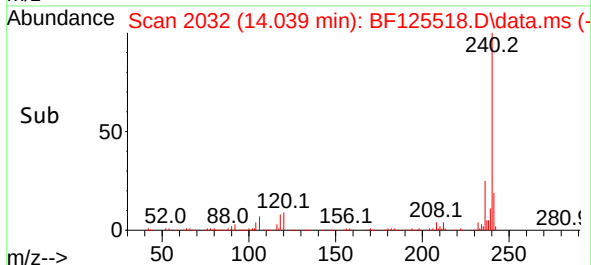
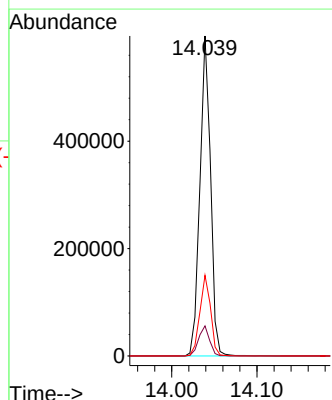
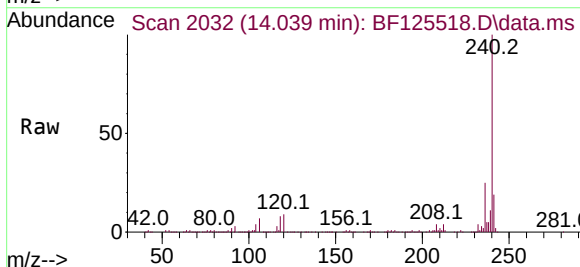
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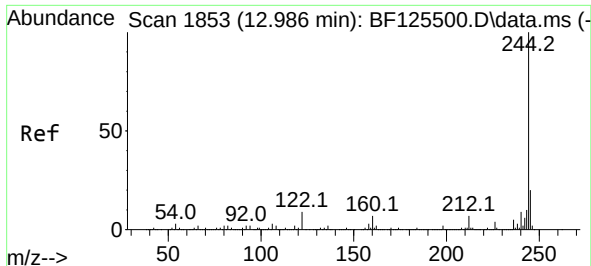
Tgt Ion:188 Resp: 661741
Ion Ratio Lower Upper
188 100
94 7.3 6.7 10.1
80 8.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

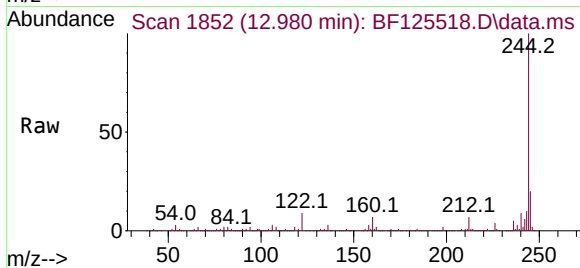
Tgt Ion:240 Resp: 517166
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 25.2 21.6 32.4



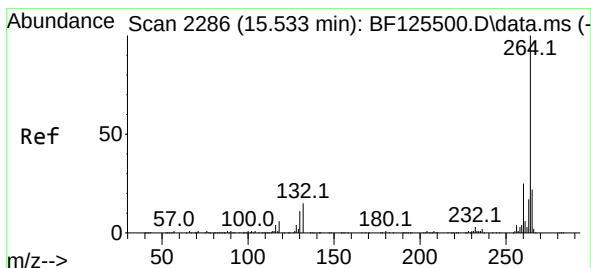
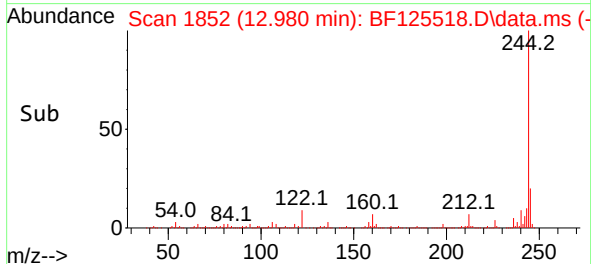
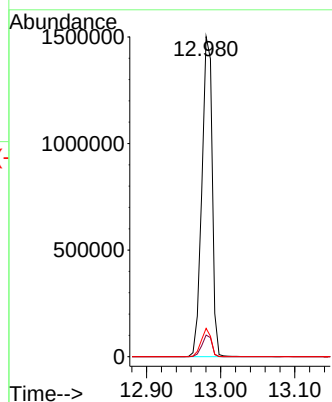


#79
 Terphenyl-d14
 Concen: 45.380 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF125518.D
 Acq: 15 Sep 2021 22:45

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Tgt Ion:244 Resp: 1447347
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.8 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: BF125518.D
 Acq: 15 Sep 2021 22:45

Tgt Ion:264 Resp: 398616
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 21.7 17.2 25.8

