

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125522.D
 Acq On : 16 Sep 2021 00:53
 Operator : JU/CG
 Sample : M3687-25
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A015015

Quant Time: Sep 16 03:08:47 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	173768	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	675292	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	350823	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	589787	20.000	ng	0.00
76) Chrysene-d12	14.039	240	341149	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	319200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	473851	43.328	ng	0.00
7) Phenol-d6	6.498	99	777622	53.499	ng	-0.01
23) Nitrobenzene-d5	7.428	82	545978	39.919	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	183321	42.904	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1310958	54.833	ng	0.00
79) Terphenyl-d14	12.986	244	1492093	70.922	ng	0.00

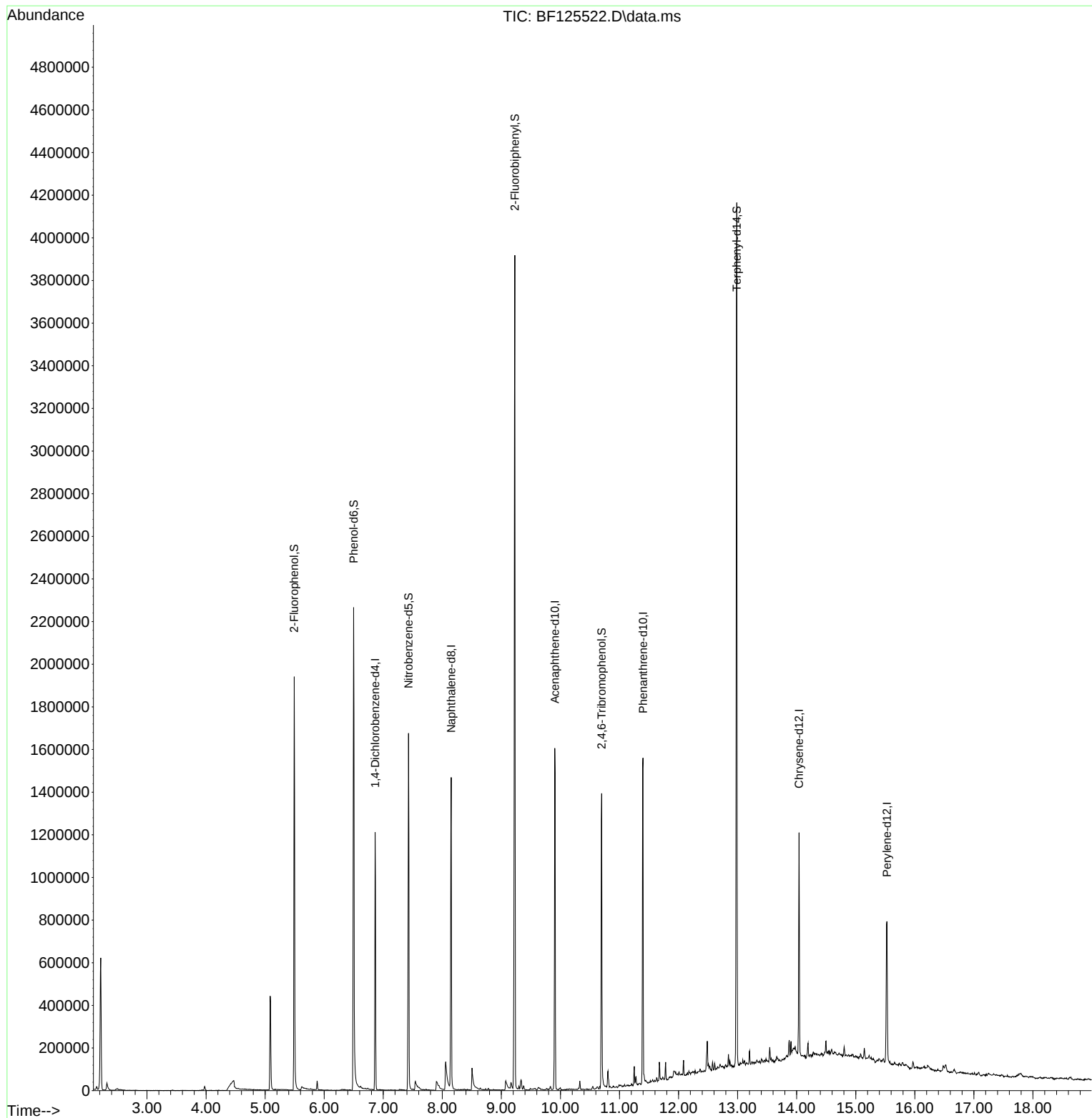
Target Compounds Qvalue

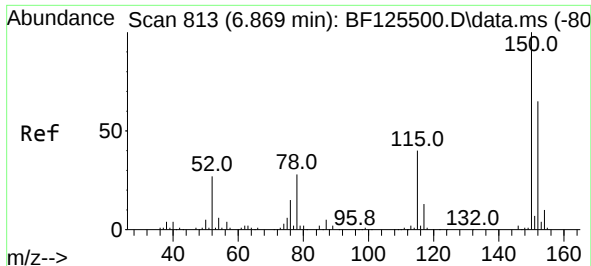
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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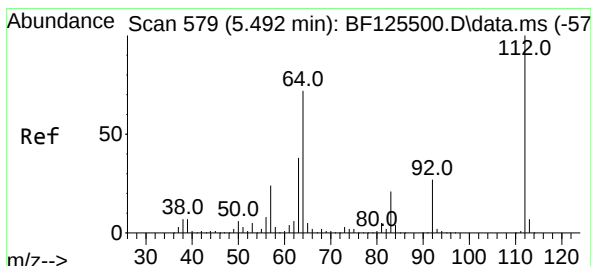
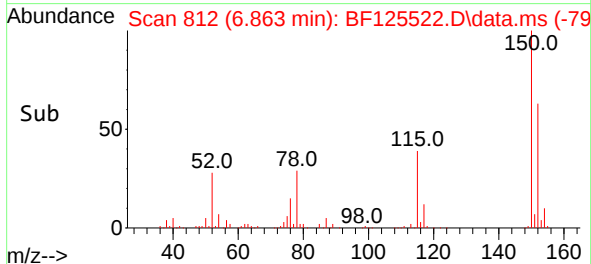
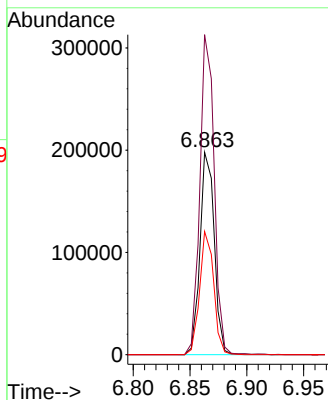
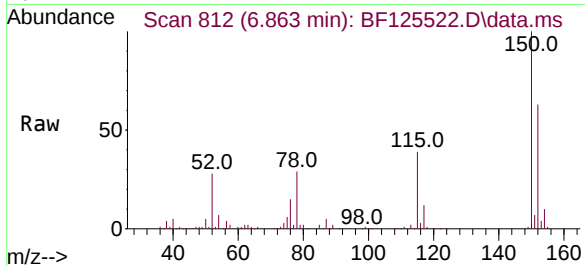




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

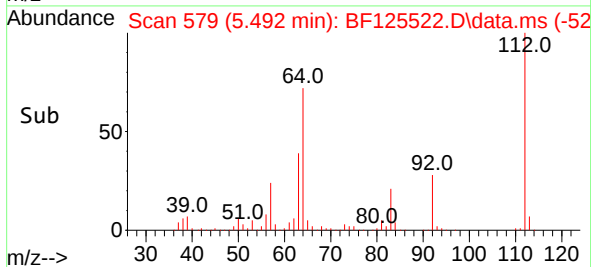
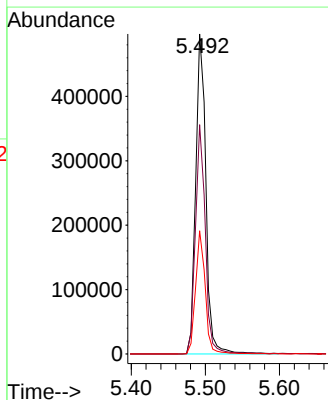
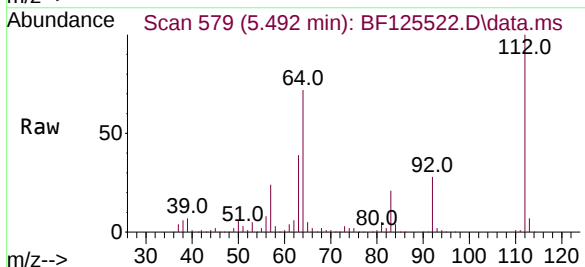
Instrument :
BNA_F
ClientSampleId :
A015015

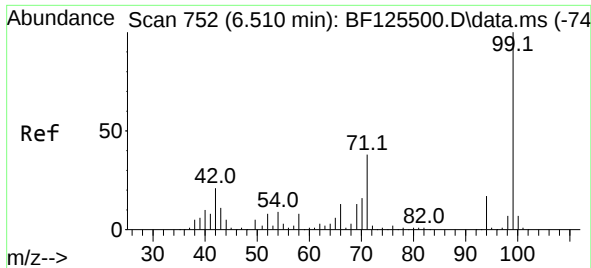
Tgt Ion:152 Resp: 173768
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 43.328 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

Tgt Ion:112 Resp: 473851
Ion Ratio Lower Upper
112 100
64 71.6 44.2 66.2#
63 38.5 26.2 39.2

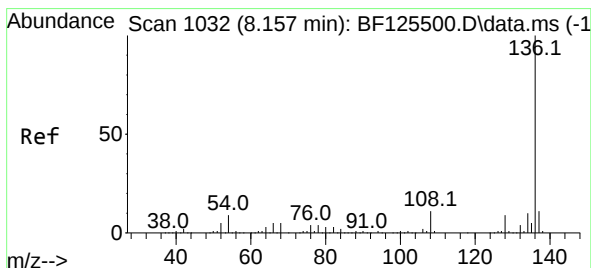
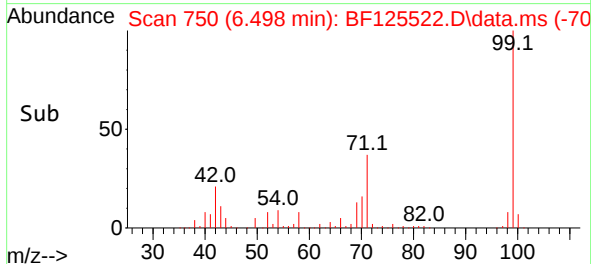
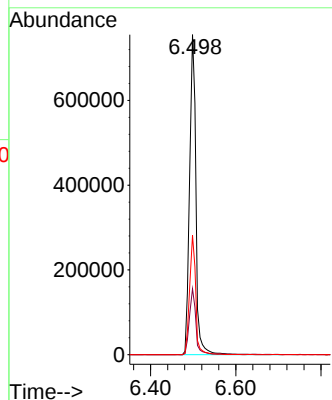
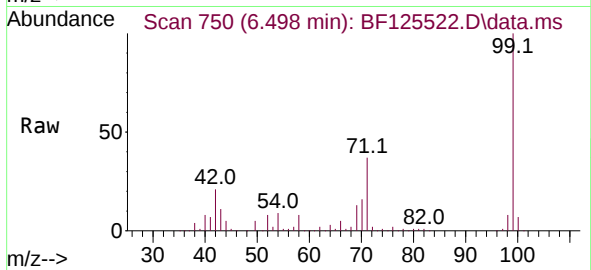




#7
Phenol-d6
Concen: 53.499 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

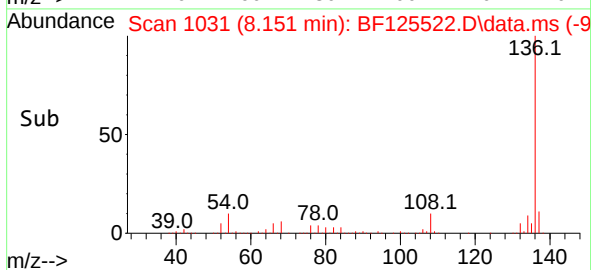
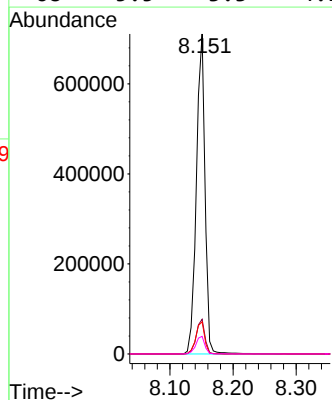
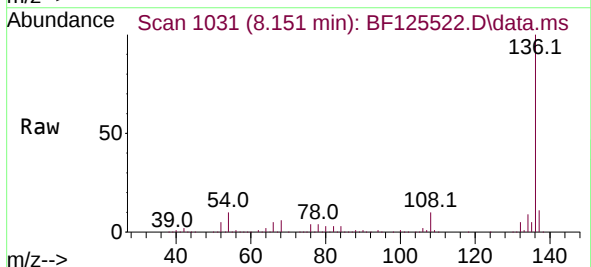
Instrument :
BNA_F
ClientSampleId :
A015015

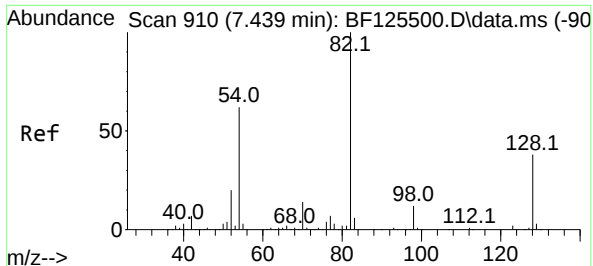
Tgt Ion: 99 Resp: 777622
Ion Ratio Lower Upper
99 100
42 20.6 23.5 35.3#
71 37.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

Tgt Ion: 136 Resp: 675292
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.1 6.4 9.6#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 39.919 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.011 min

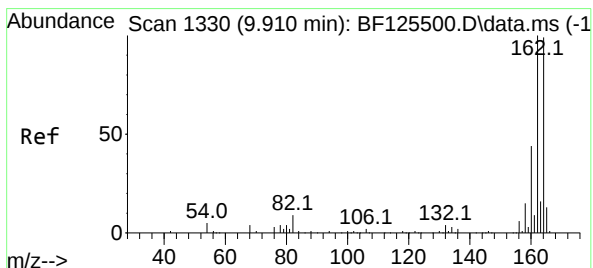
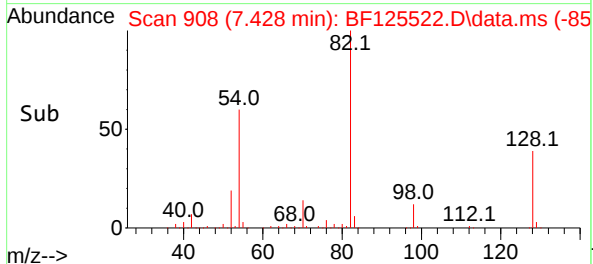
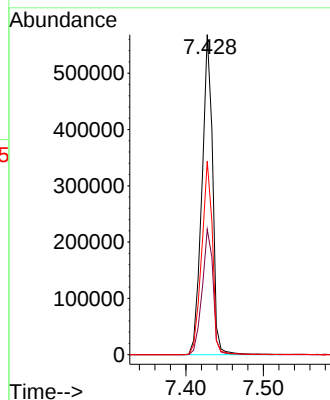
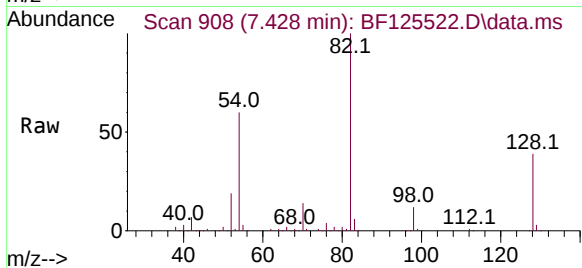
Lab File: BF125522.D

Acq: 16 Sep 2021 00:53

Tgt Ion: 82 Resp: 545978

Ion Ratio Lower Upper

82	100		
128	39.2	40.6	60.8#
54	60.4	49.6	74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

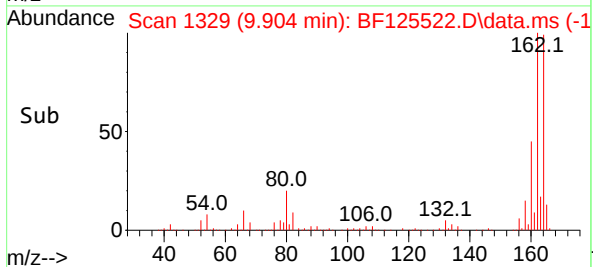
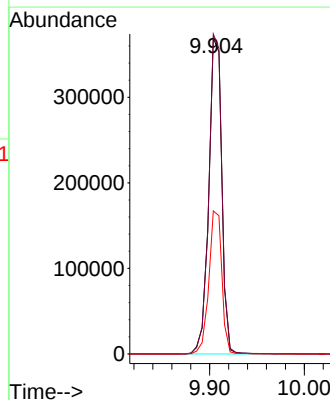
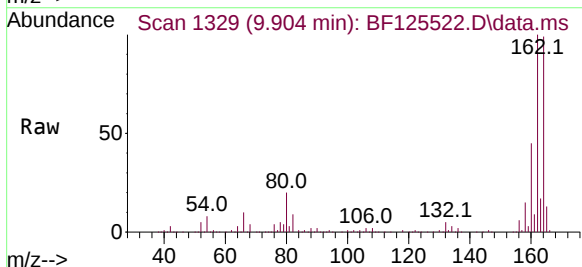
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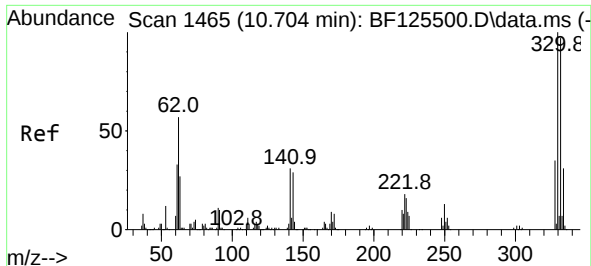
Acq: 16 Sep 2021 00:53

Tgt Ion: 164 Resp: 350823

Ion Ratio Lower Upper

164	100		
162	101.4	81.3	121.9
160	45.3	38.0	57.0

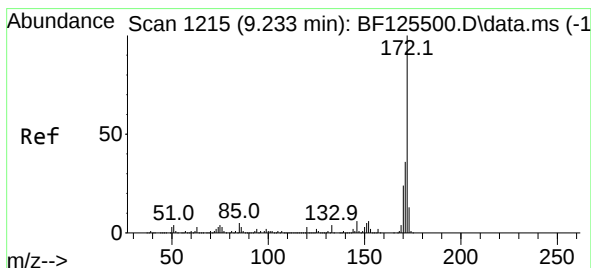
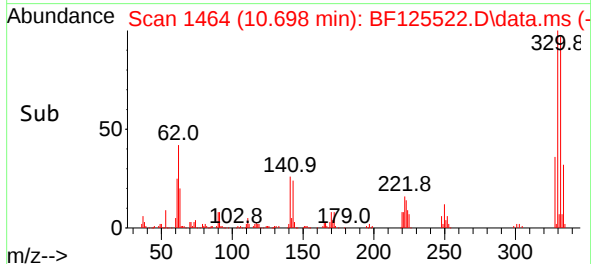
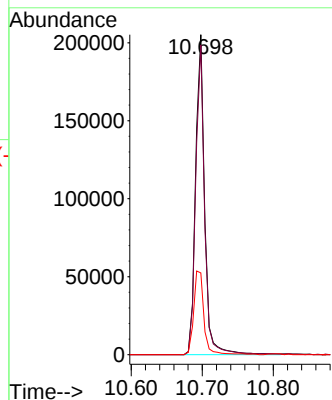
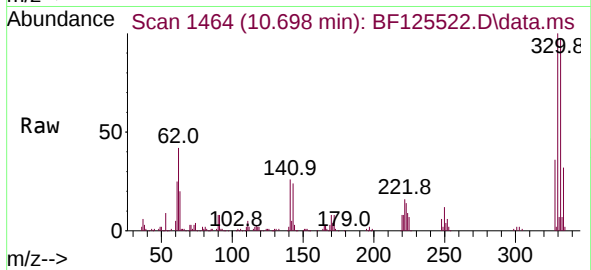




#42
2,4,6-Tribromophenol
Concen: 42.904 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

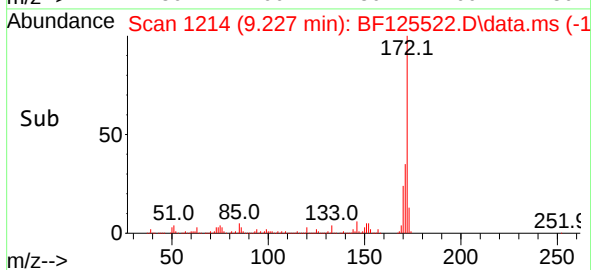
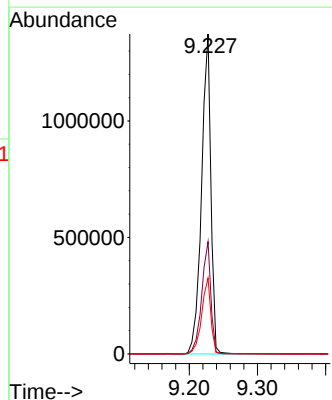
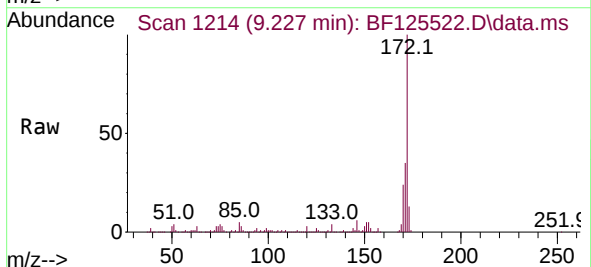
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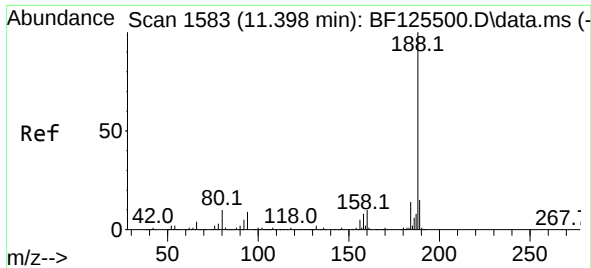
Tgt Ion: 330 Resp: 183321
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 29.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 54.833 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

Tgt Ion: 172 Resp: 1310958
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.7 18.8 28.2

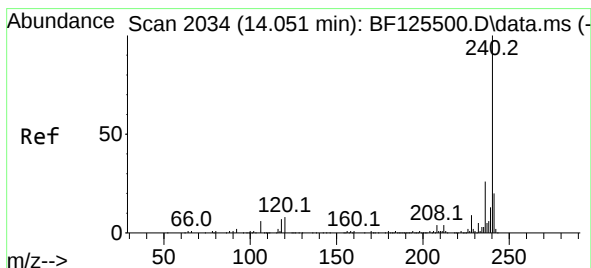
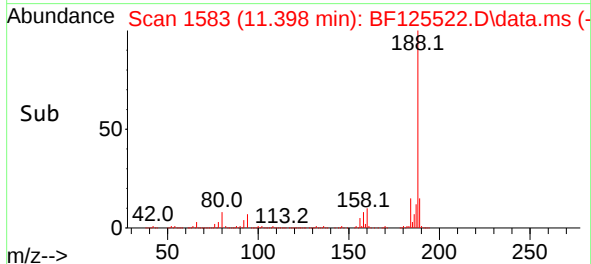
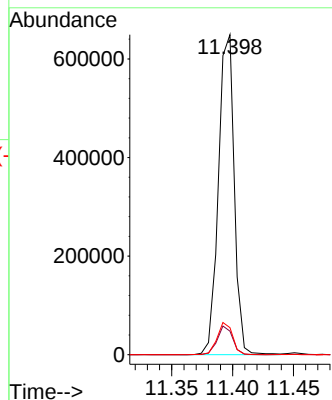
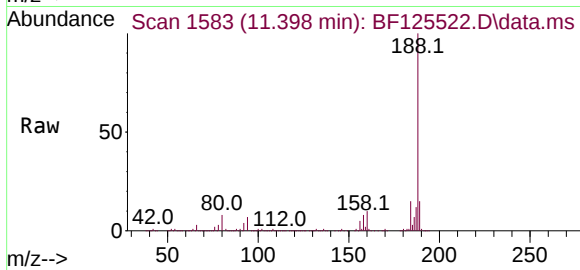




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

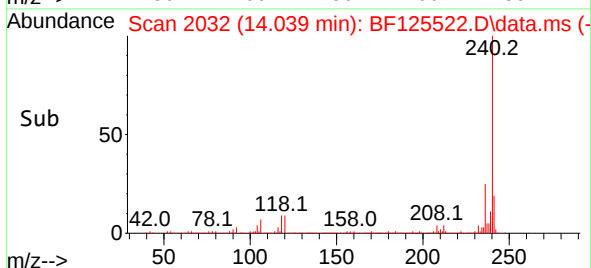
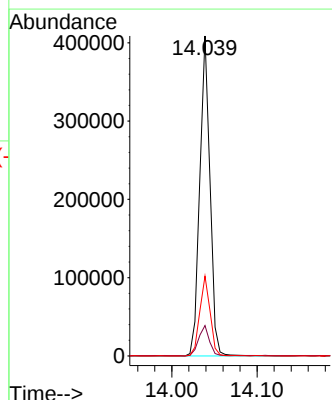
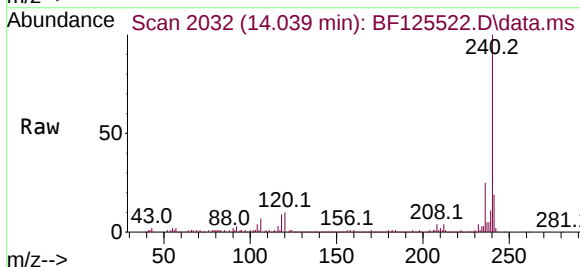
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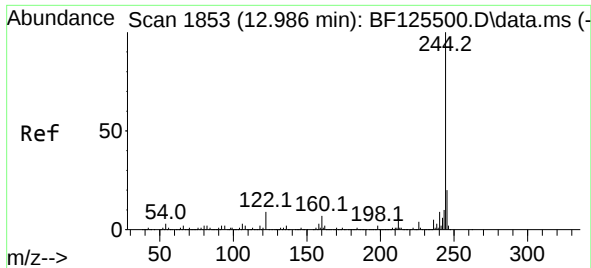
Tgt Ion:188 Resp: 589787
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

Tgt Ion:240 Resp: 341149
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 25.0 21.6 32.4



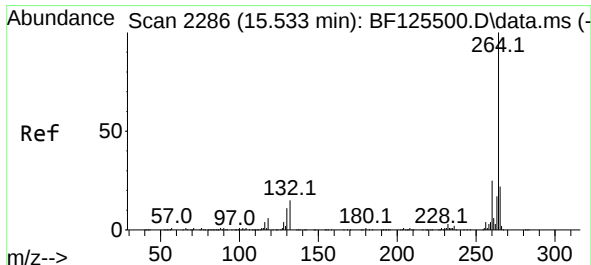
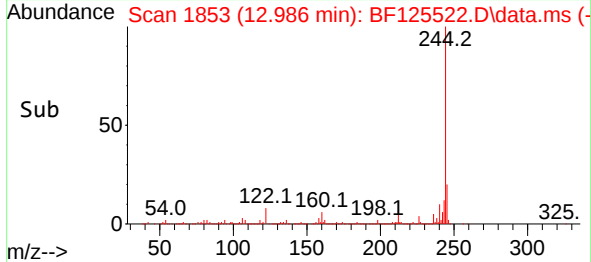
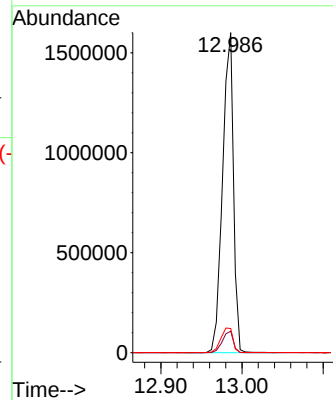
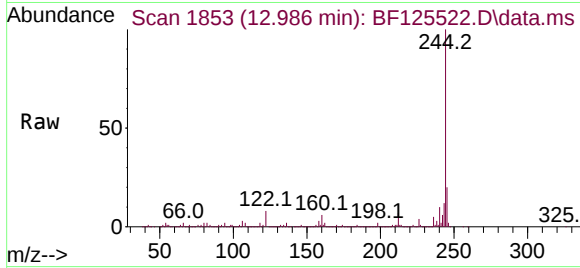


#79
 Terphenyl-d14
 Concen: 70.922 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF125522.D
 Acq: 16 Sep 2021 00:53

Instrument :
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Tgt Ion:244 Resp: 1492093

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	7.5	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: BF125522.D
 Acq: 16 Sep 2021 00:53

Tgt Ion:264 Resp: 319200

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.2	17.2	25.8

