

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125310.D
 Acq On : 1 Sep 2021 17:07
 Operator : JU/CG
 Sample : M3602-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1COMP

Quant Time: Sep 02 08:16:17 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)

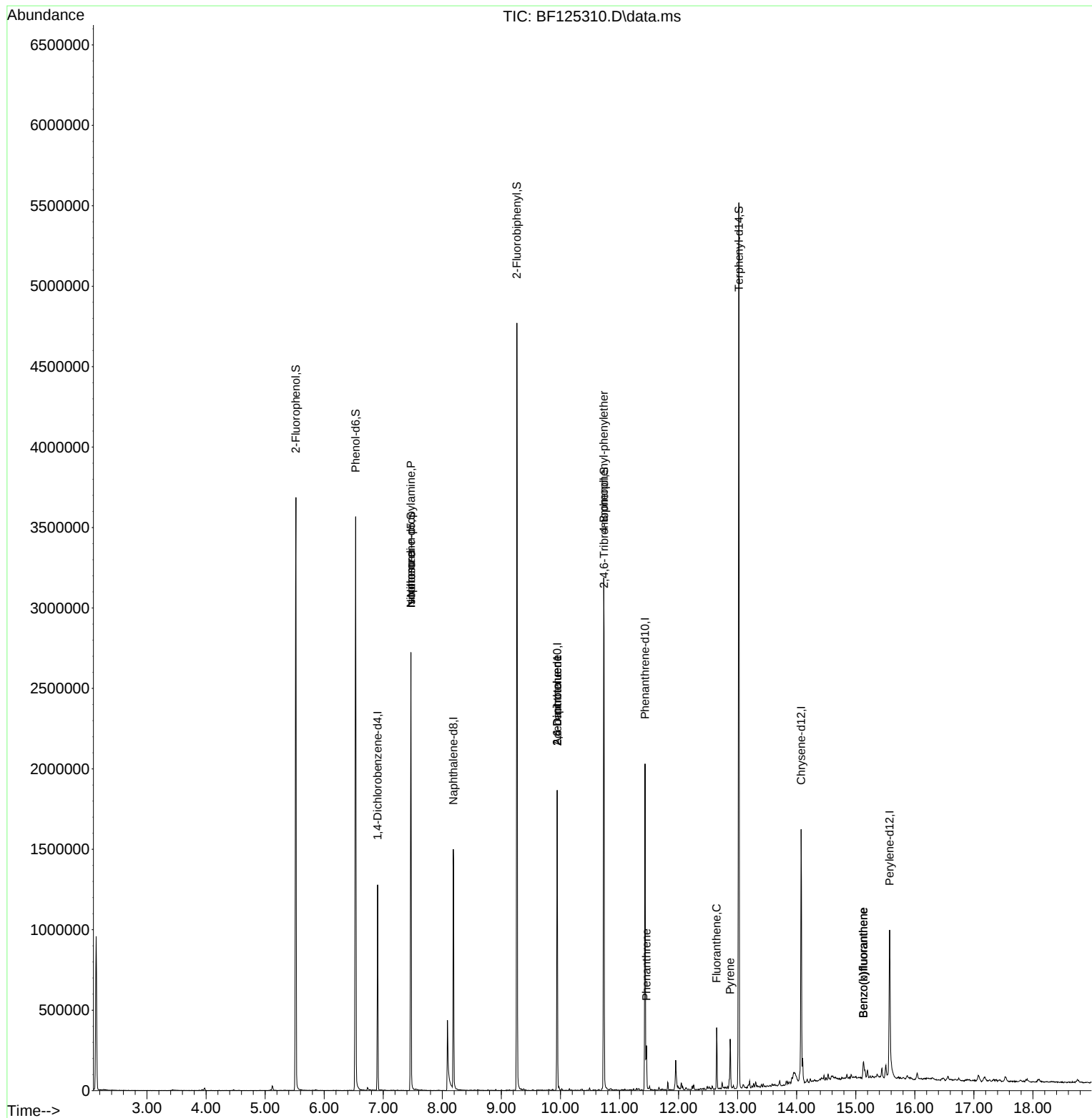
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	161537	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	647661	20.000	ng	#-0.01
39) Acenaphthene-d10	9.945	164	360596	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	699160	20.000	ng	0.00
76) Chrysene-d12	14.074	240	528153	20.000	ng	0.00
86) Perylene-d12	15.574	264	413093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	939296	88.012	ng	0.00
7) Phenol-d6	6.534	99	1222530	88.571	ng	0.00
23) Nitrobenzene-d5	7.469	82	788249	61.272	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	416774	115.785	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1430599	55.294	ng	-0.01
79) Terphenyl-d14	13.021	244	1910079	57.615	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	106080	12.777	ng	# 57
25) Isophorone	7.469	82	788234	31.761	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	46097	8.507	ng	# 27
57) 2,4-Dinitrotoluene	9.945	165	46097	7.029	ng	# 19
67) 4-Bromophenyl-phenylether	10.733	248	25598	3.049	ng	# 1
71) Phenanthrene	11.457	178	91037	2.363	ng	99
75) Fluoranthene	12.645	202	139502	3.649	ng	96
78) Pyrene	12.874	202	121062	2.672	ng	98
88) Benzo(b)fluoranthene	15.127	252	75797	2.512	ng	# 93
89) Benzo(k)fluoranthene	15.127	252	75797	2.691	ng	96

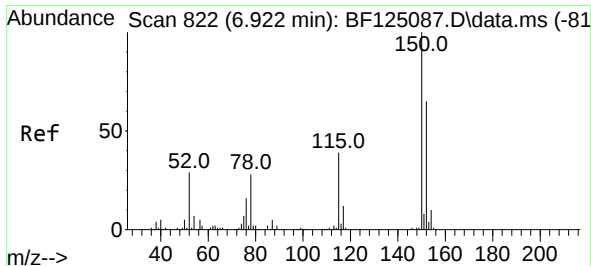
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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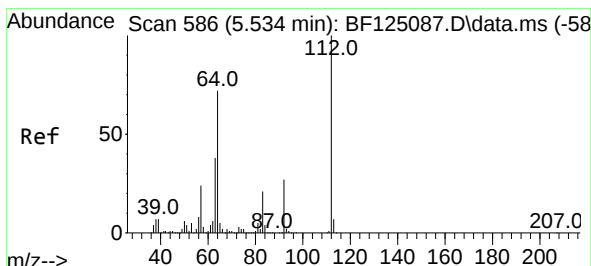
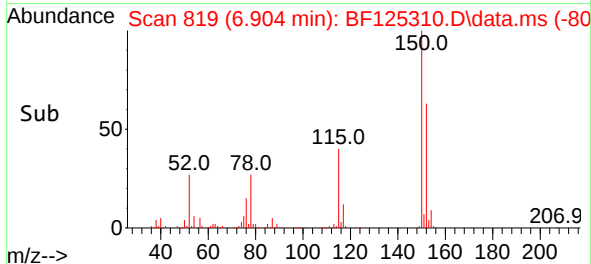
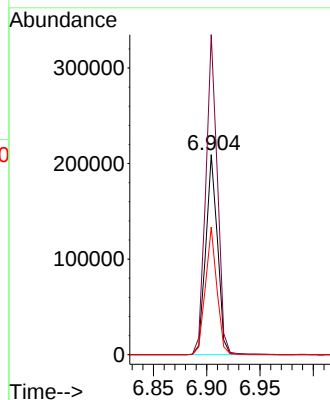
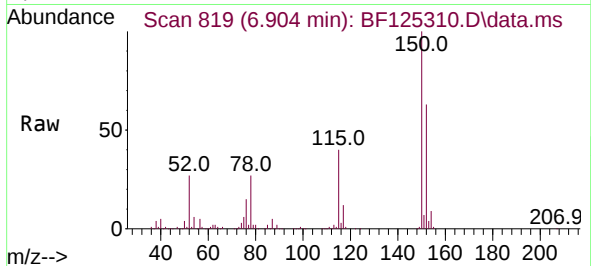




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

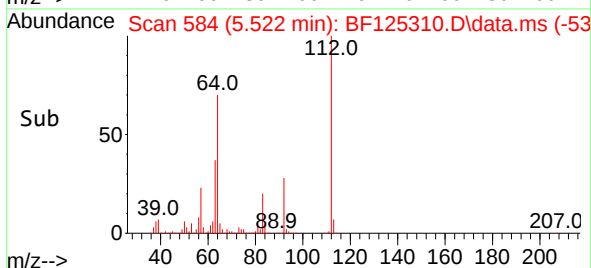
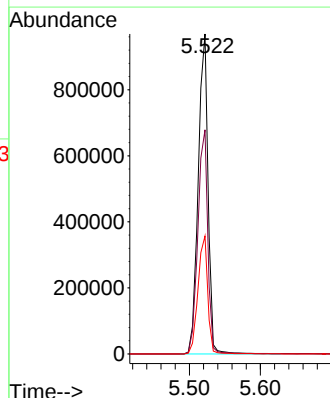
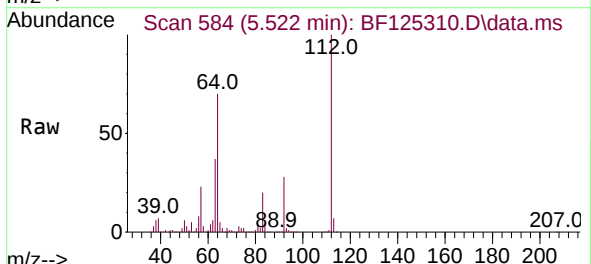
Instrument :
BNA_F
ClientSampleId :
TP-1COMP

Tgt Ion:152 Resp: 161537
Ion Ratio Lower Upper
152 100
150 160.0 117.6 176.4
115 63.7 47.1 70.7



#5
2-Fluorophenol
Concen: 88.012 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

Tgt Ion:112 Resp: 939296
Ion Ratio Lower Upper
112 100
64 70.1 44.2 66.2#
63 36.9 26.2 39.2

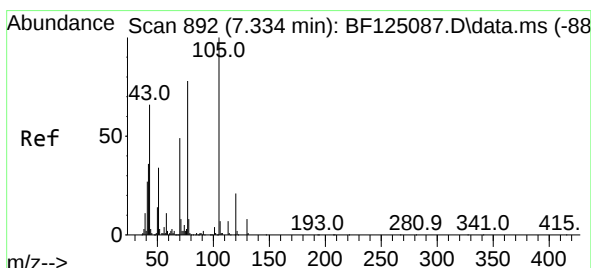
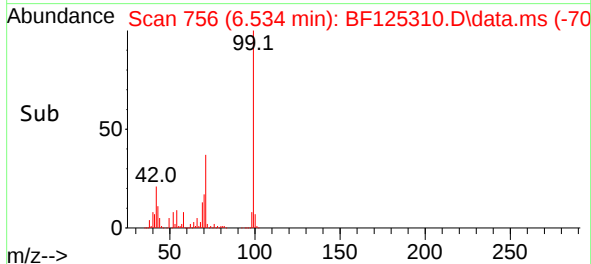
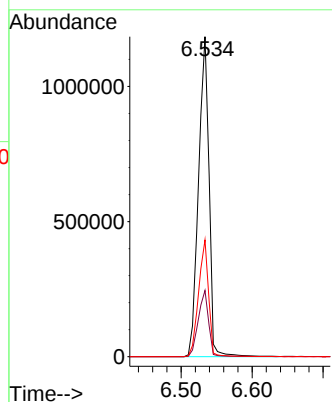
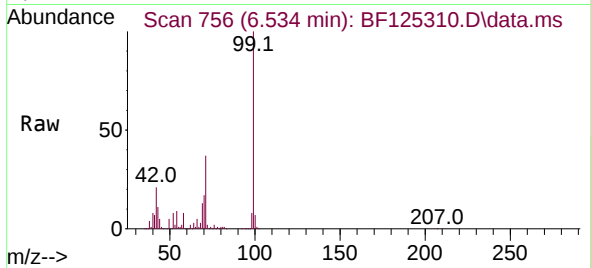




#7
Phenol-d6
Concen: 88.571 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

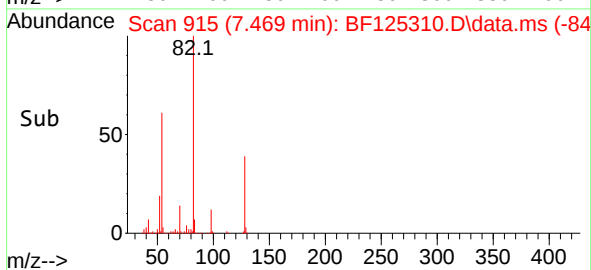
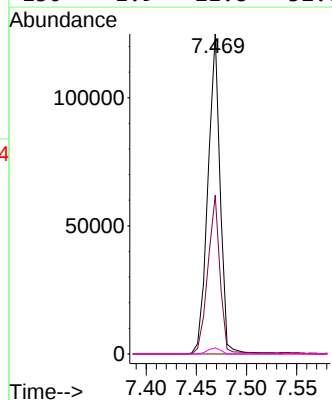
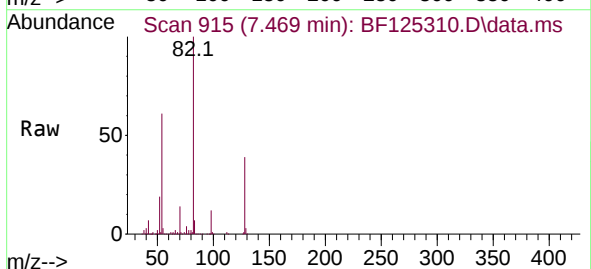
Instrument :
BNA_F
ClientSampleId :
TP-1COMP

Tgt Ion: 99 Resp: 1222530
Ion Ratio Lower Upper
99 100
42 20.7 23.5 35.3#
71 36.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.777 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.141 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

Tgt Ion: 70 Resp: 106080
Ion Ratio Lower Upper
70 100
42 49.6 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

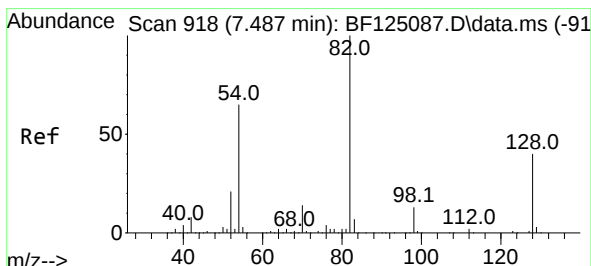
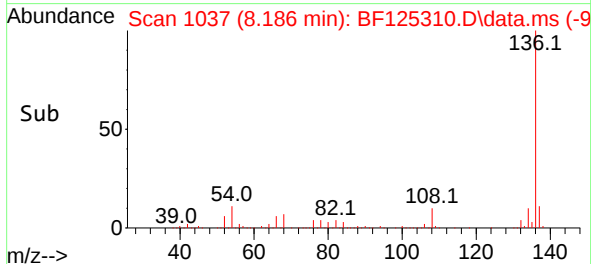
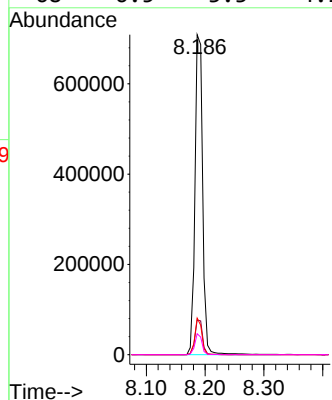
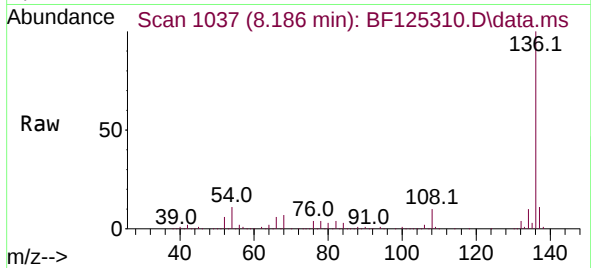




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

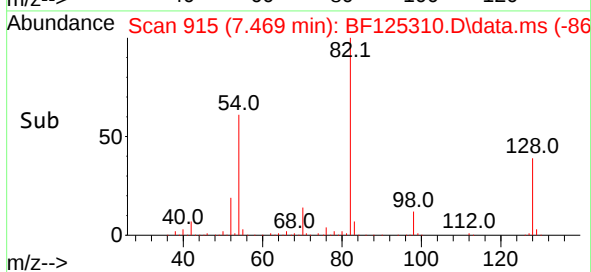
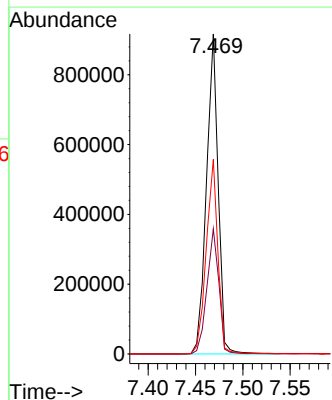
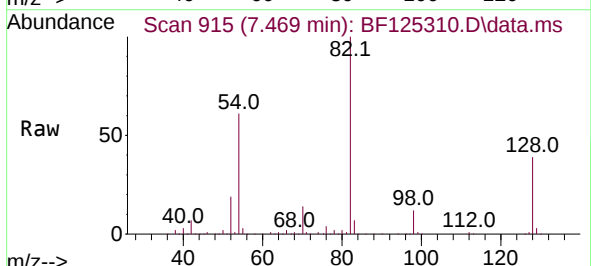
Instrument :
BNA_F
ClientSampleId :
TP-1COMP

Tgt Ion:136 Resp: 647661
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 11.5 6.4 9.6#
68 6.5 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 61.272 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

Tgt Ion: 82 Resp: 788249
Ion Ratio Lower Upper
82 100
128 39.1 40.6 60.8#
54 60.8 49.6 74.4

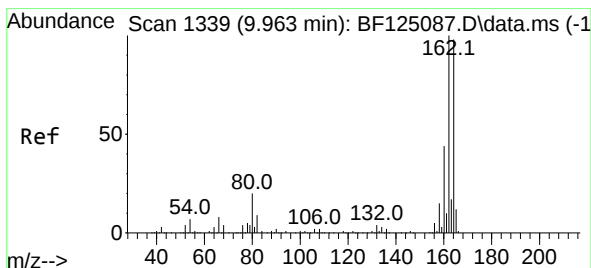
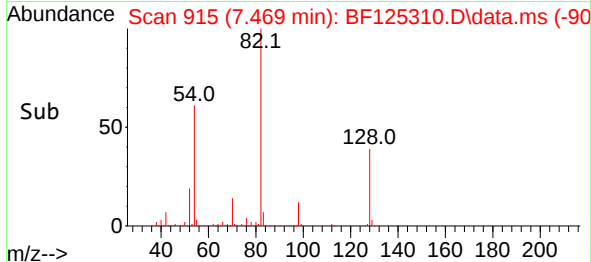
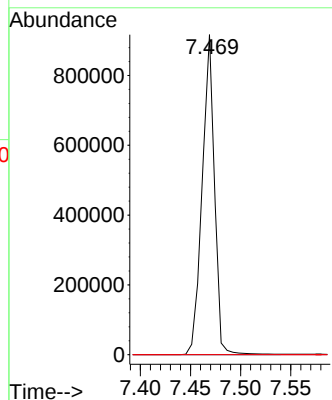
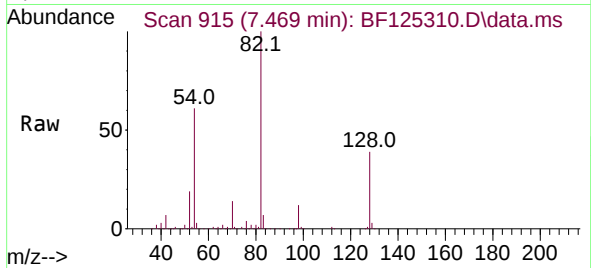




#25
Isophorone
Concen: 31.761 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

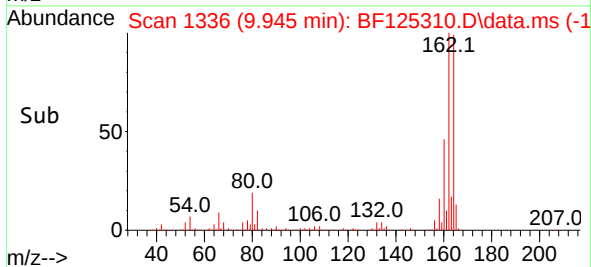
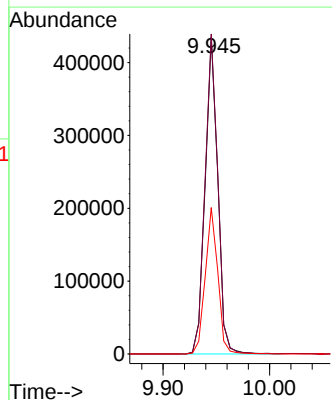
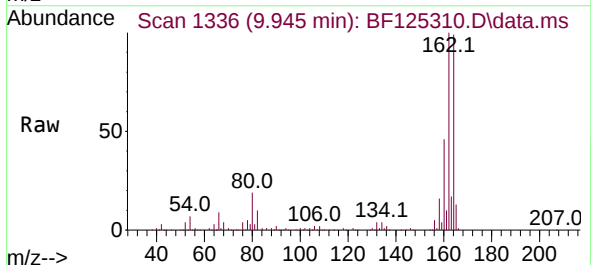
Instrument :
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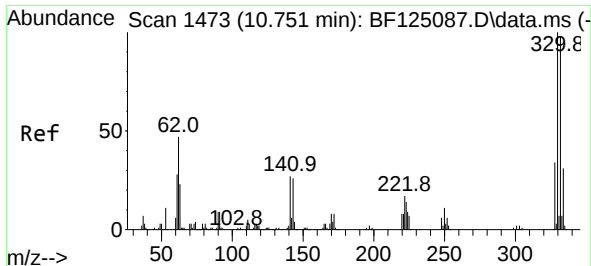
Tgt Ion: 82 Resp: 788234
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

Tgt Ion:164 Resp: 360596
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 46.2 38.0 57.0

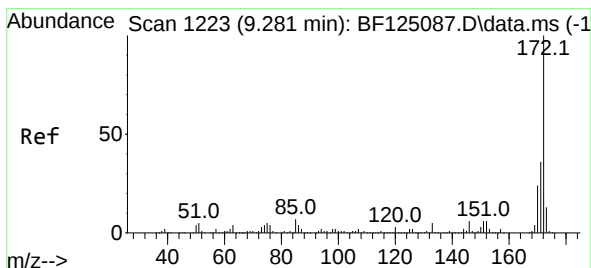
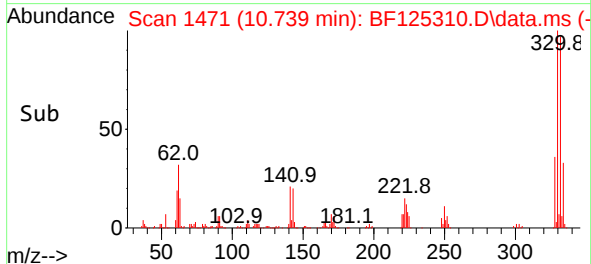
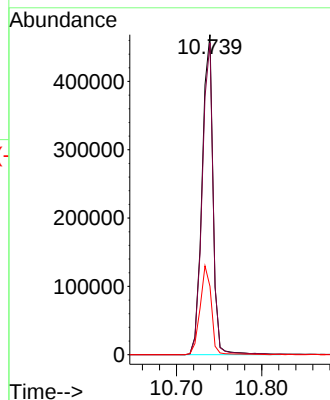
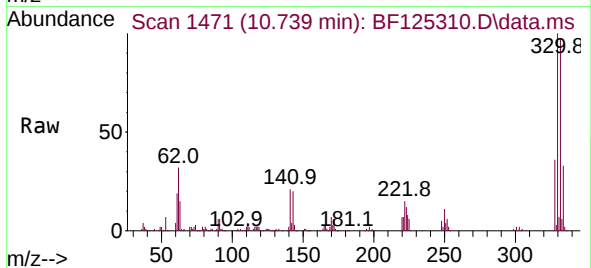




#42
2,4,6-Tribromophenol
Concen: 115.785 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

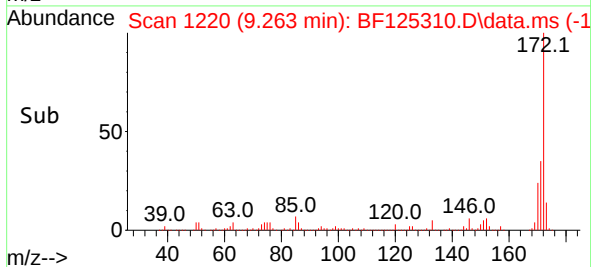
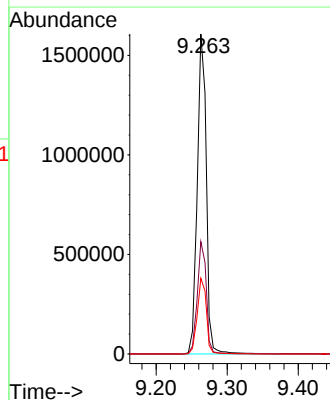
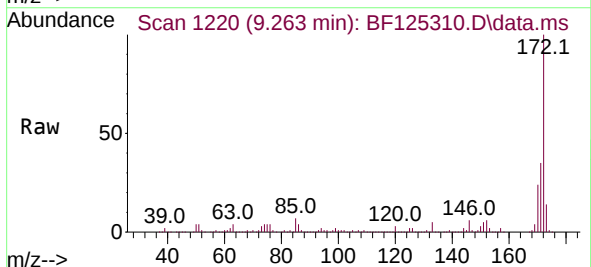
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ClientSampleId :
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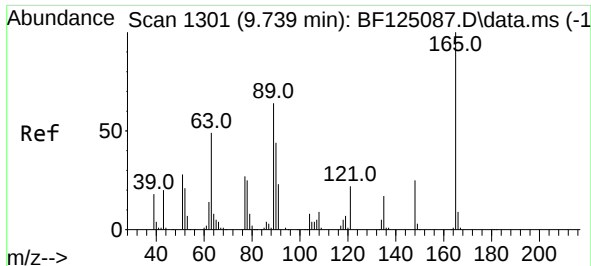
Tgt Ion:330 Resp: 416774
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 28.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 55.294 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

Tgt Ion:172 Resp: 1430599
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.7 18.8 28.2

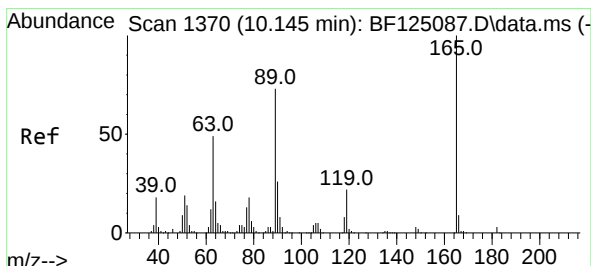
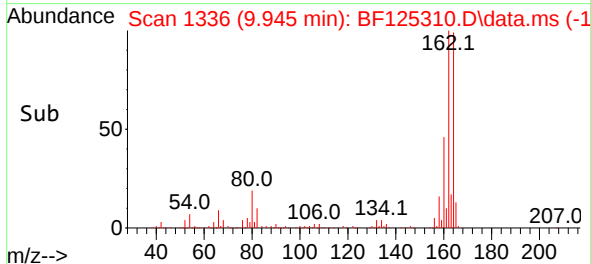
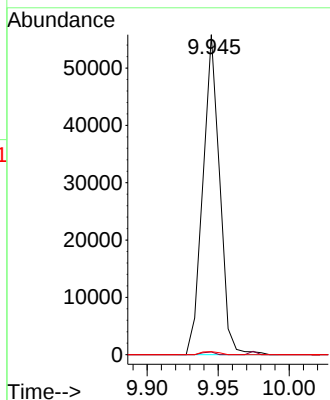
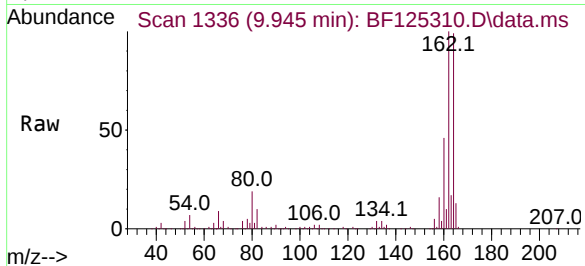




#51
2,6-Dinitrotoluene
Concen: 8.507 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

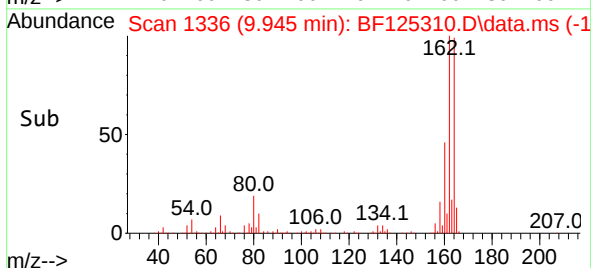
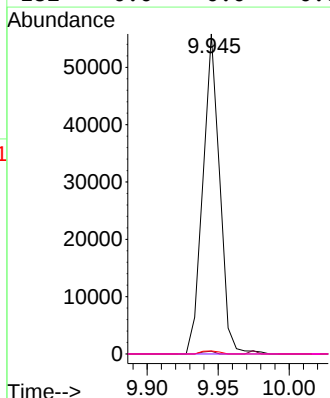
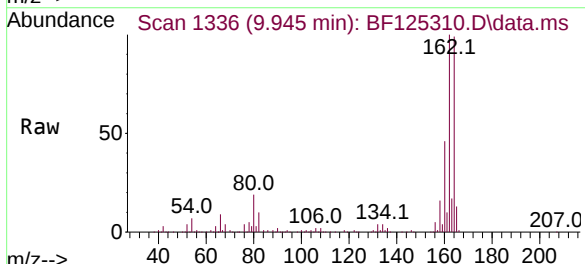
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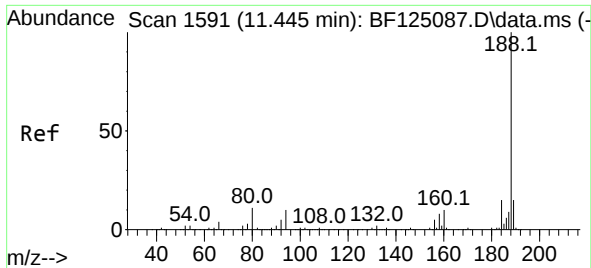
Tgt Ion:165 Resp: 46097
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.029 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

Tgt Ion:165 Resp: 46097
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

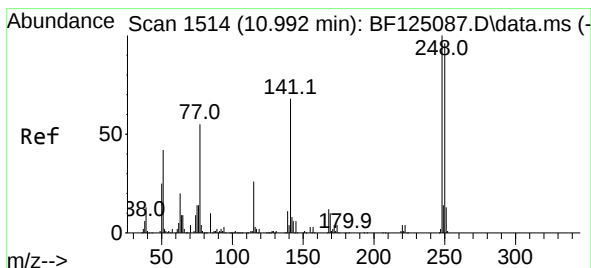
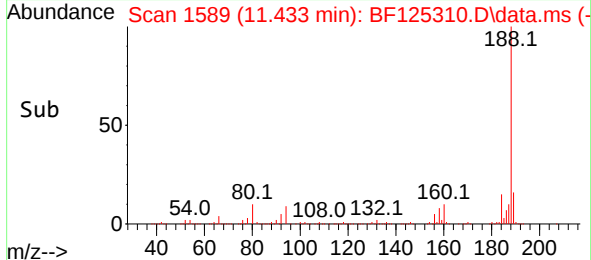
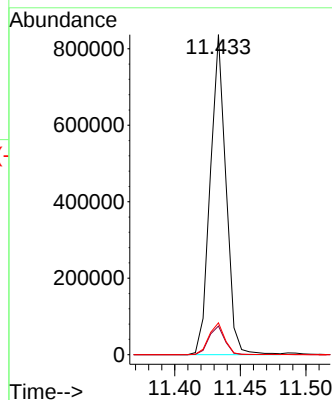
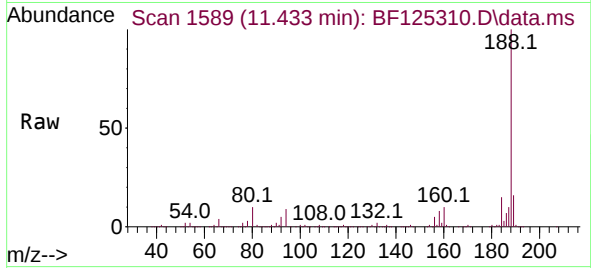




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

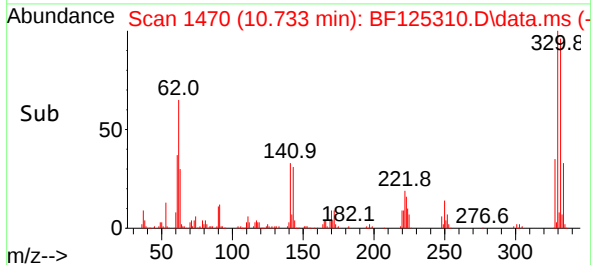
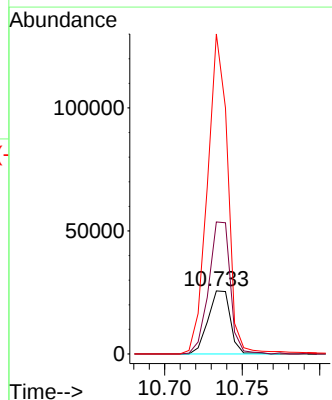
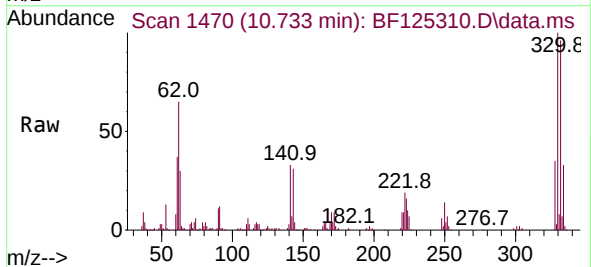
Instrument :
BNA_F
ClientSampleId :
TP-1COMP

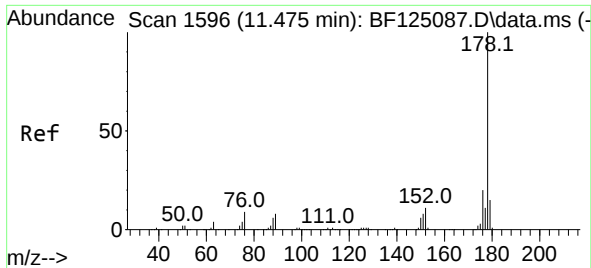
Tgt Ion:188 Resp: 699160
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.049 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

Tgt Ion:248 Resp: 25598
Ion Ratio Lower Upper
248 100
250 209.4 74.2 111.4#
141 507.5 60.4 90.6#

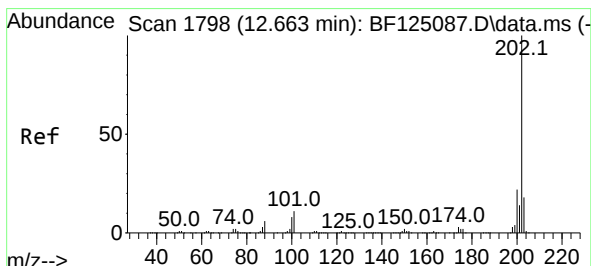
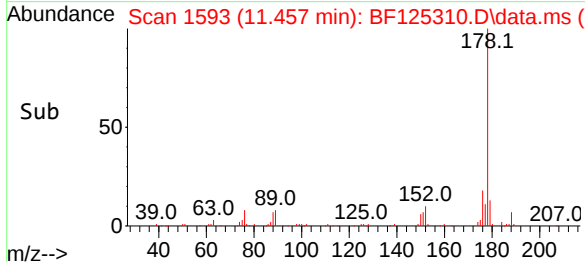
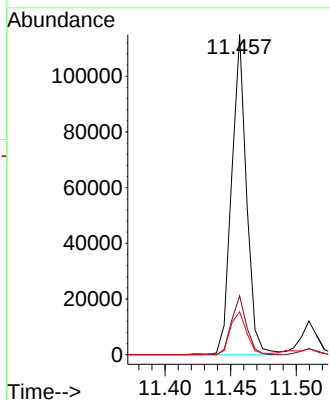
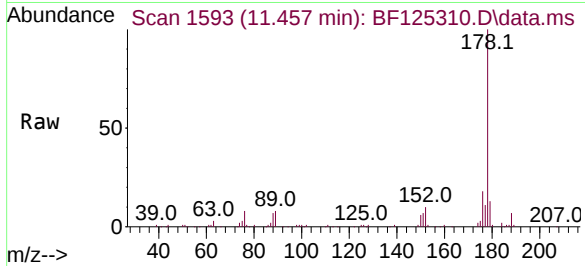




#71
Phenanthrene
Concen: 2.363 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

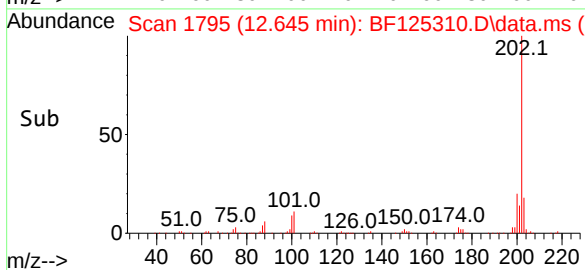
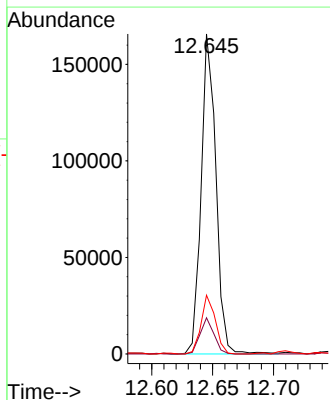
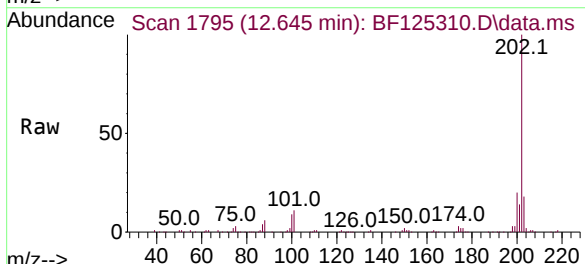
Instrument :
BNA_F
ClientSampleId :
TP-1COMP

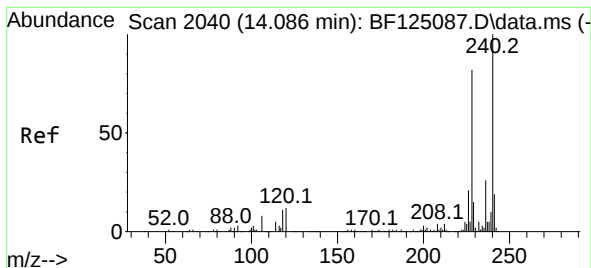
Tgt Ion:178 Resp: 91037
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 13.4 11.5 17.3



#75
Fluoranthene
Concen: 3.649 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

Tgt Ion:202 Resp: 139502
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.7
203 18.4 0.0 36.3

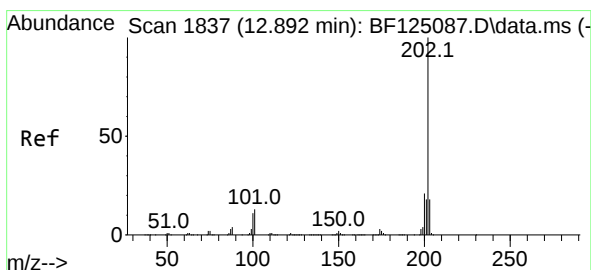
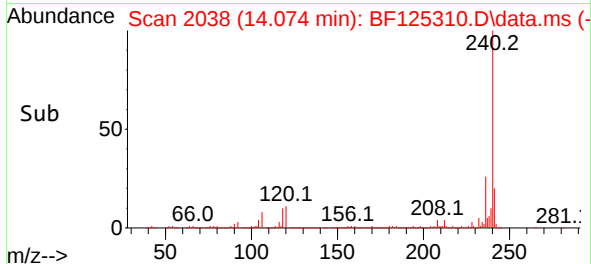
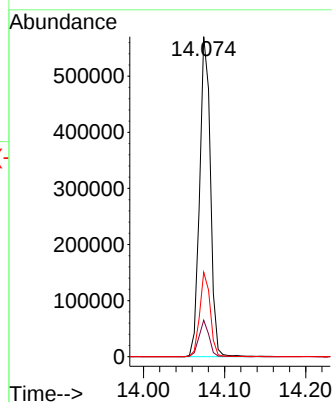
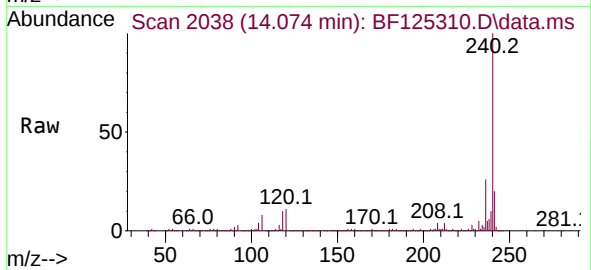




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

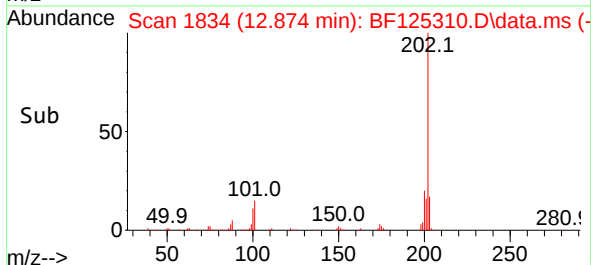
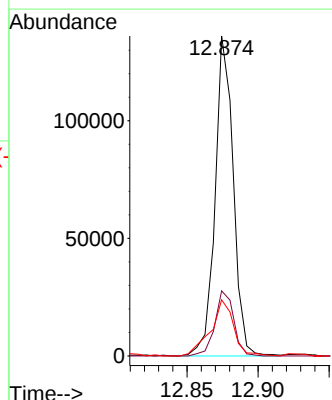
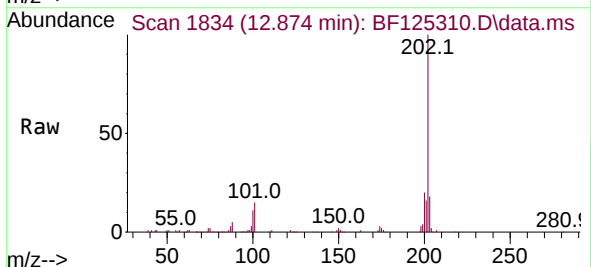
Instrument :
BNA_F
ClientSampleId :
TP-1COMP

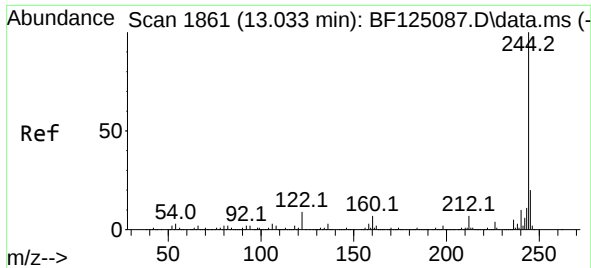
Tgt Ion:240 Resp: 528153
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 26.4 21.6 32.4



#78
Pyrene
Concen: 2.672 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

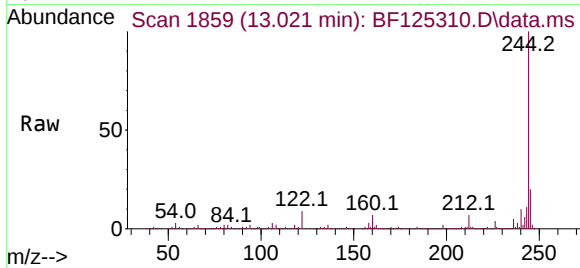
Tgt Ion:202 Resp: 121062
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 17.5 13.4 20.0



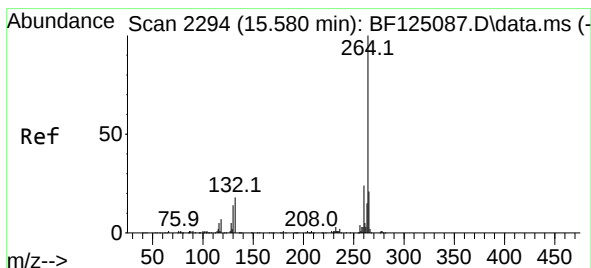
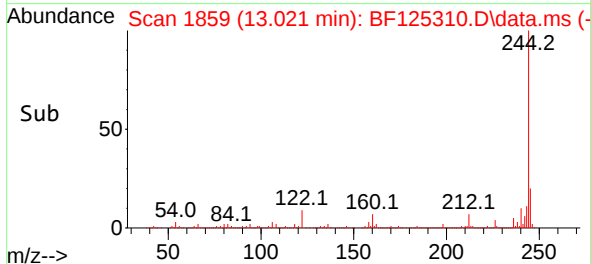
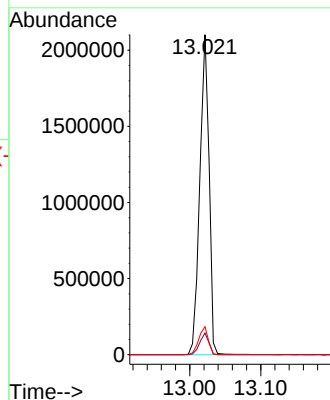


#79
Terphenyl-d14
Concen: 57.615 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

Instrument :
BNA_F
ClientSampleId :
TP-1COMP

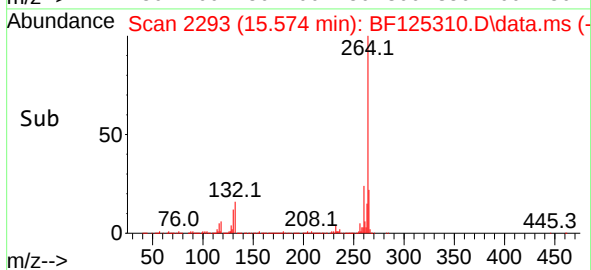
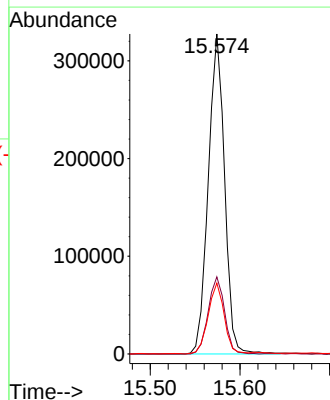
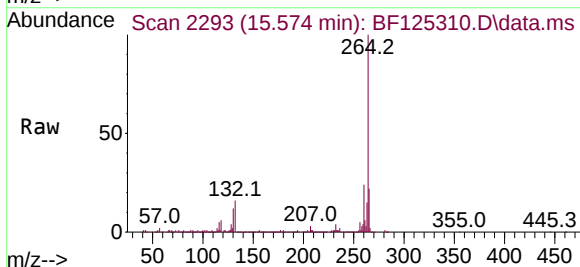


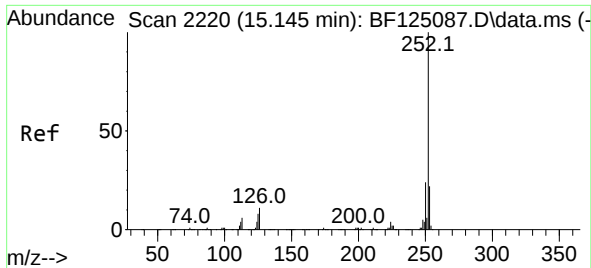
Tgt Ion:244 Resp: 1910079
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.8 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

Tgt Ion:264 Resp: 413093
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 22.2 17.2 25.8

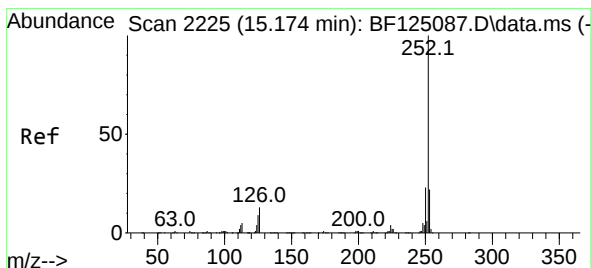
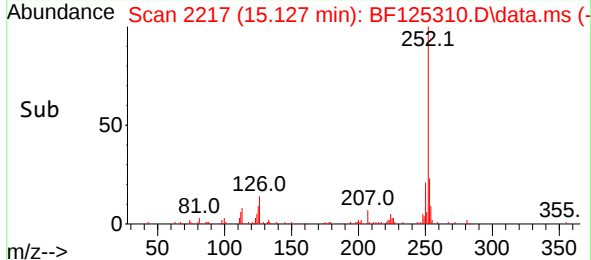
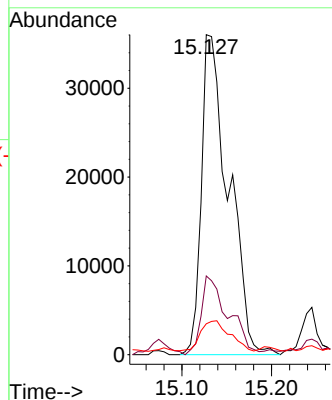
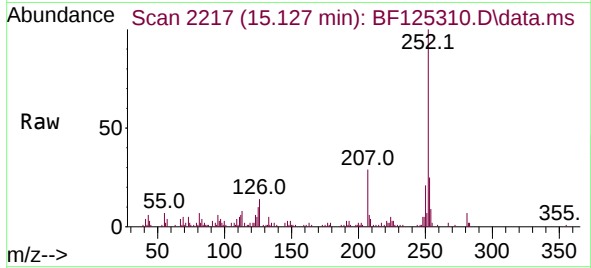




#88
Benzo(b)fluoranthene
Concen: 2.512 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

Instrument :
BNA_F
ClientSampleId :
TP-1COMP

Tgt Ion:252 Resp: 75797
Ion Ratio Lower Upper
252 100
253 24.6 16.8 25.2
125 9.7 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.691 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.041 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

Tgt Ion:252 Resp: 75797
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 9.7 7.2 10.8

