

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)

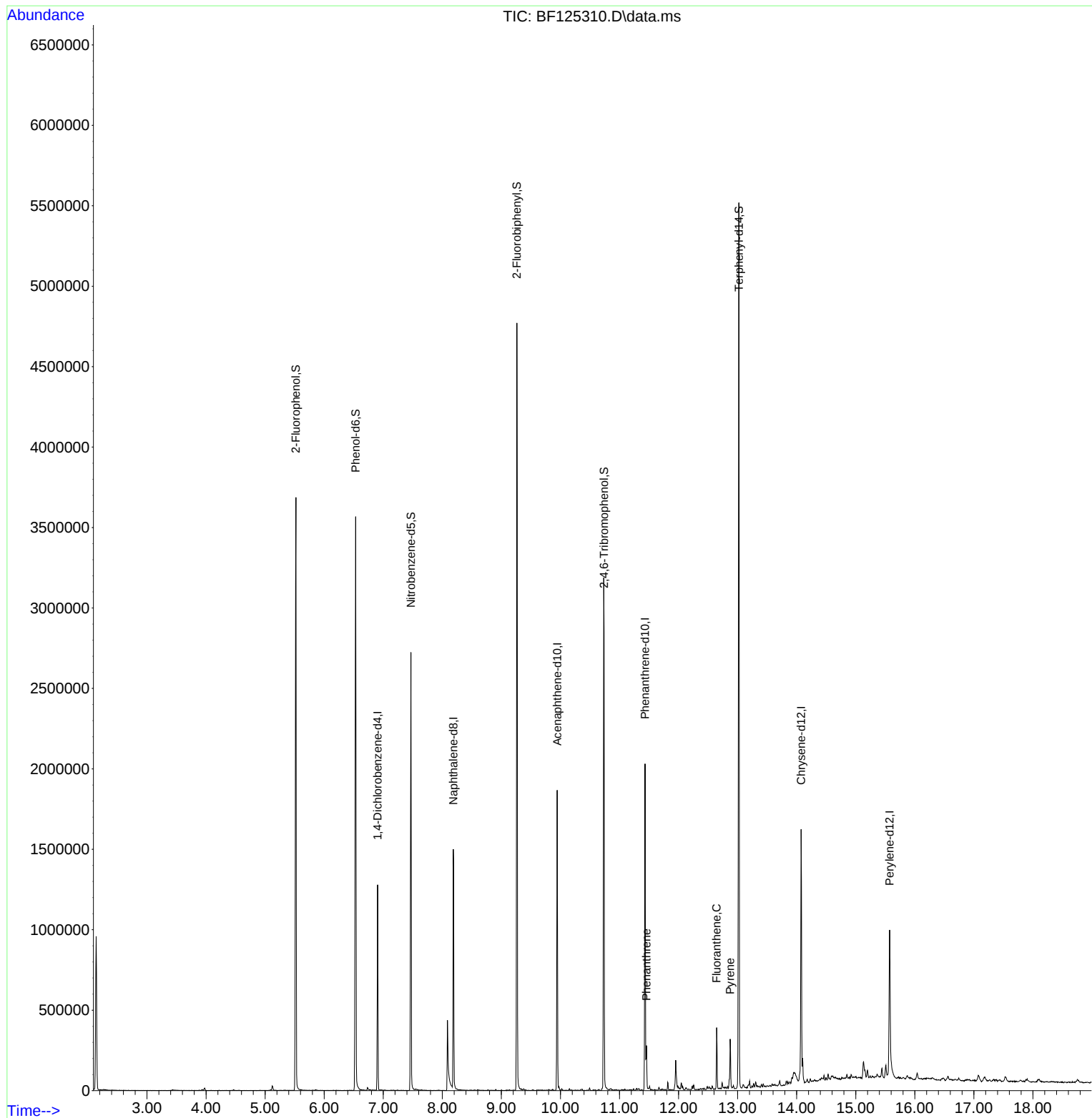
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	161537	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	647661	20.000	ng	#-0.01
39) Acenaphthene-d10	9.945	164	360596	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	699160	20.000	ng	0.00
76) Chrysene-d12	14.074	240	528153	20.000	ng	0.00
86) Perylene-d12	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
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

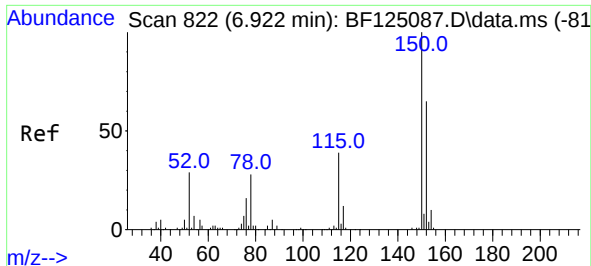
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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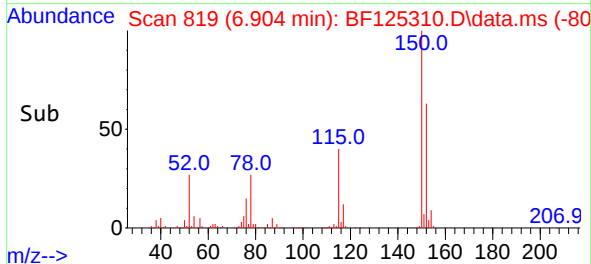
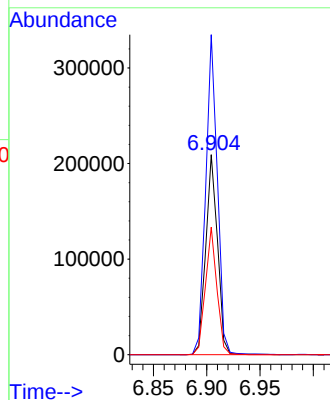
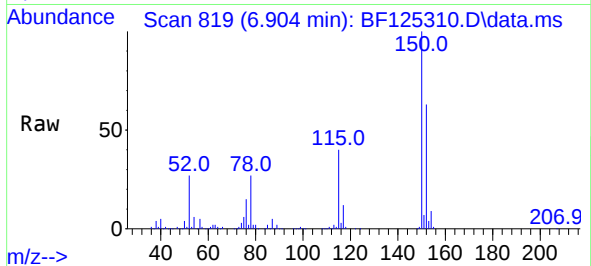




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

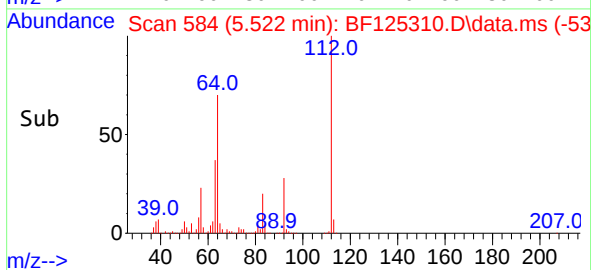
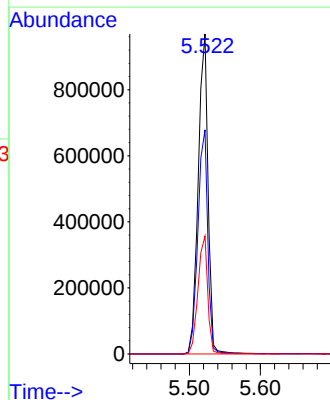
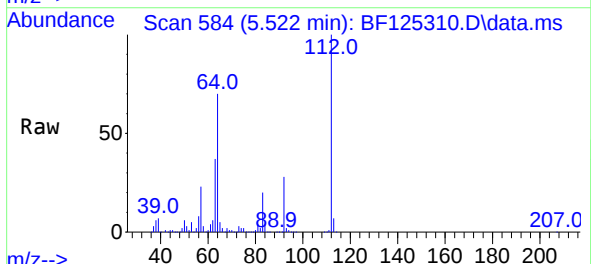
Instrument :
BNA_F
ClientSampleId :
TP-1COMP

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

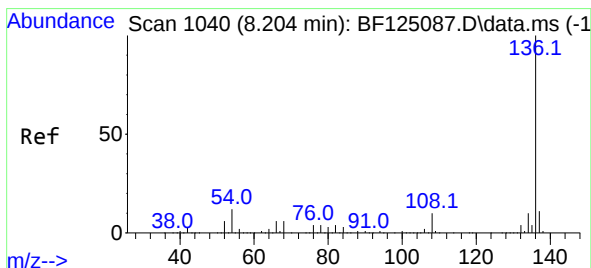
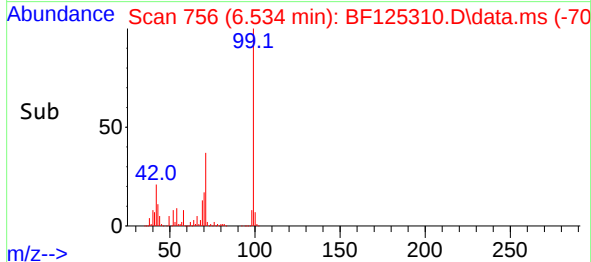
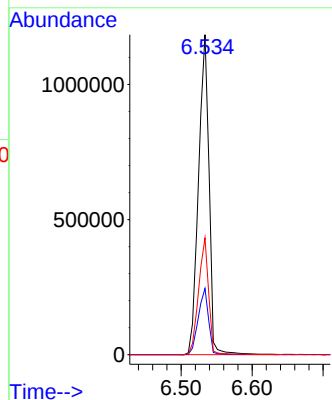
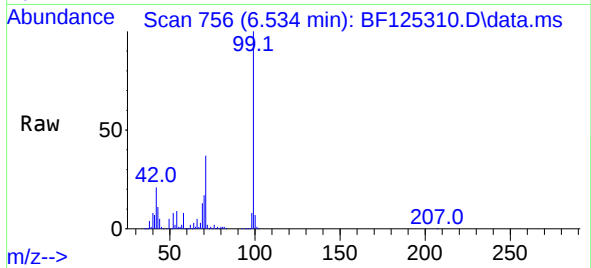




#7
Phenol-d6
Concen: 88.571 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

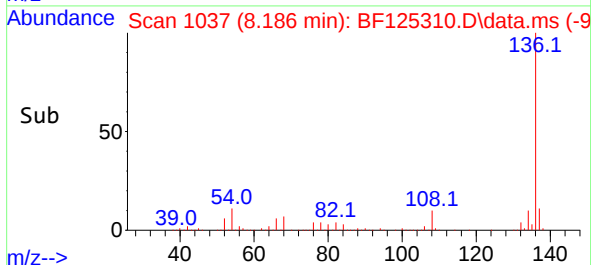
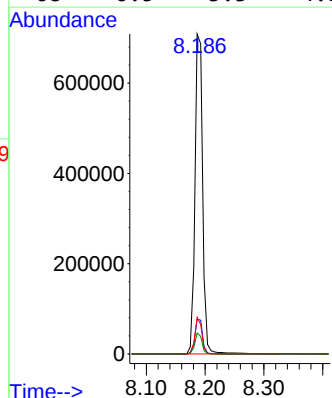
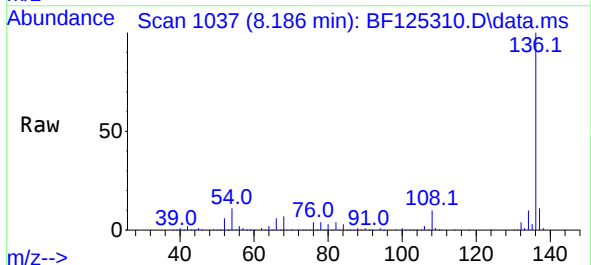
Instrument :
BNA_F
ClientSampleId :
TP-1COMP

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



#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

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#

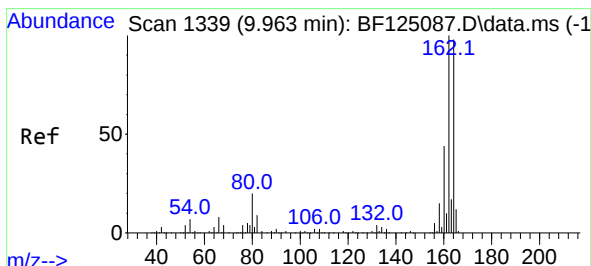
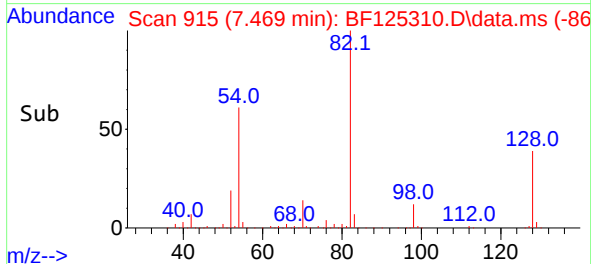
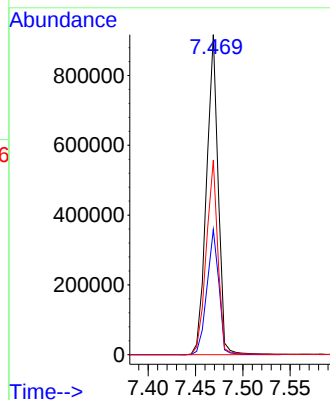
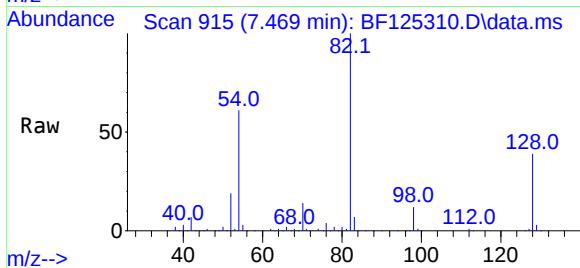




#23
Nitrobenzene-d5
Concen: 61.272 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.012 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

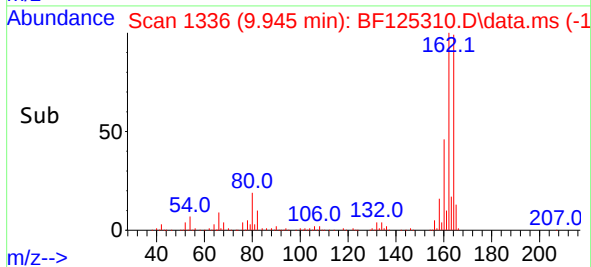
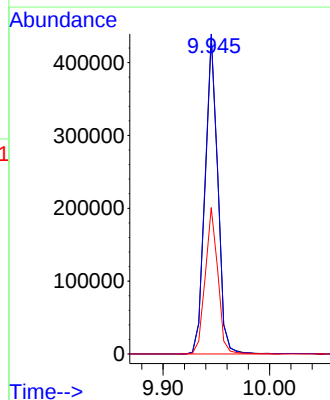
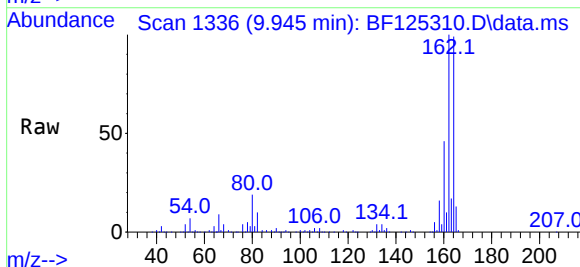
Instrument :
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ClientSampleId :
TP-1COMP

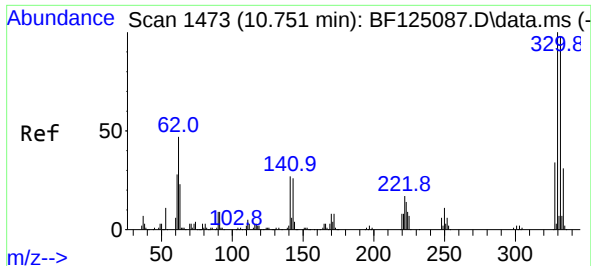
Tgt Ion: 82 Resp: 788249
Ion Ratio Lower Upper
82 100
128 39.1 40.6 60.8#
54 60.8 49.6 74.4



#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

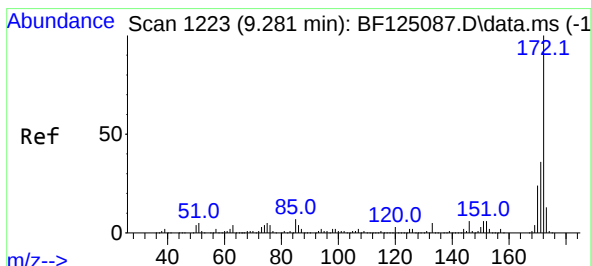
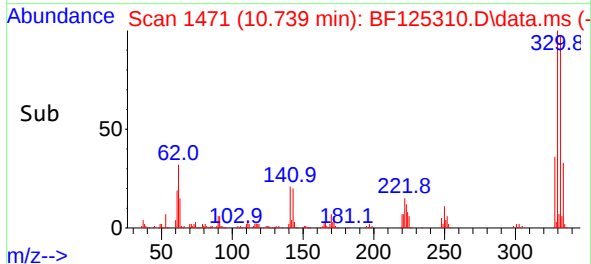
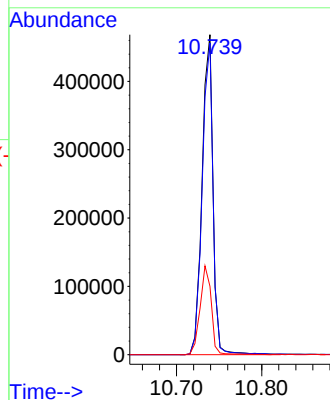
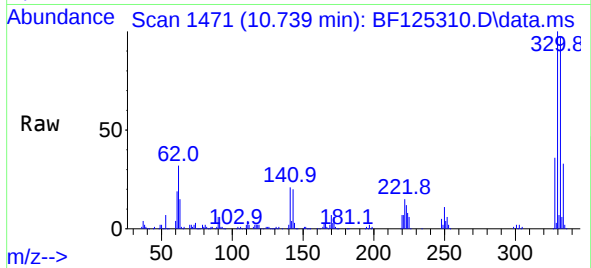




#42
2,4,6-Tribromophenol
Concen: 115.785 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

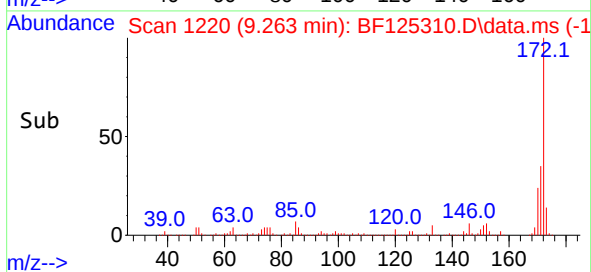
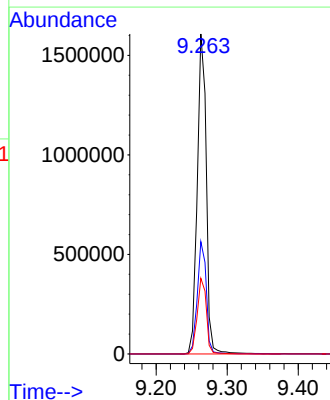
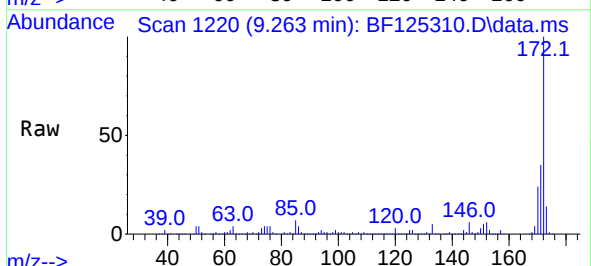
Instrument :
BNA_F
ClientSampleId :
TP-1COMP

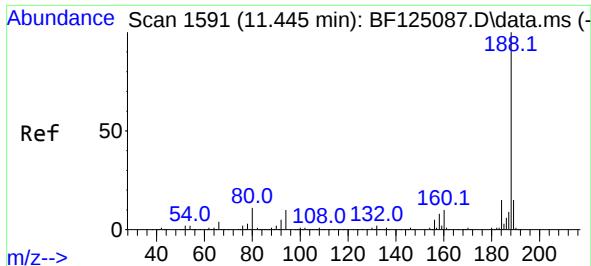
Tgt Ion:330 Resp: 416774
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 28.6 44.6 66.8#



#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

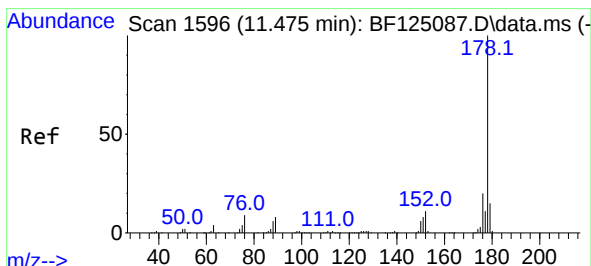
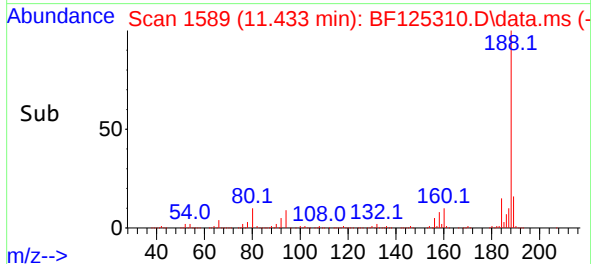
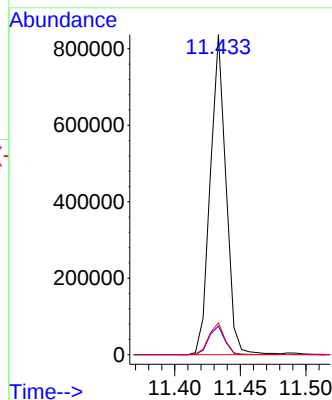
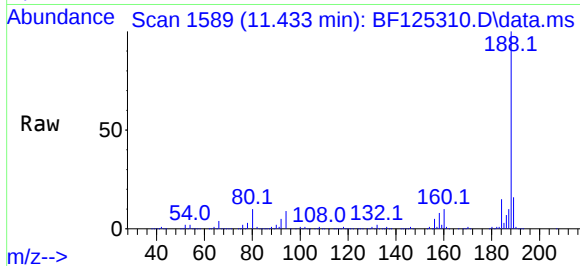




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

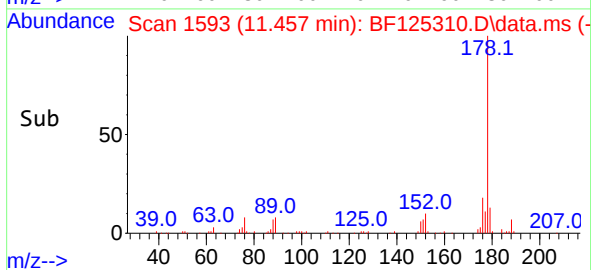
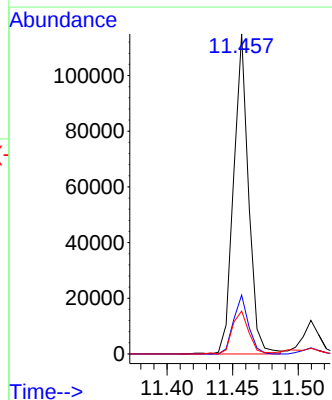
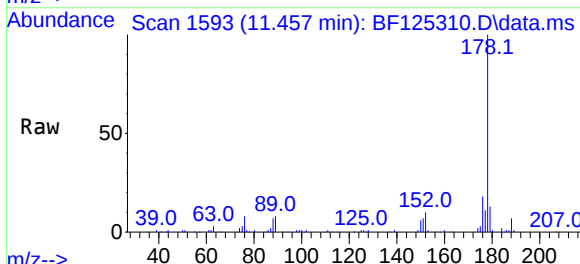
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ClientSampleId :
TP-1COMP

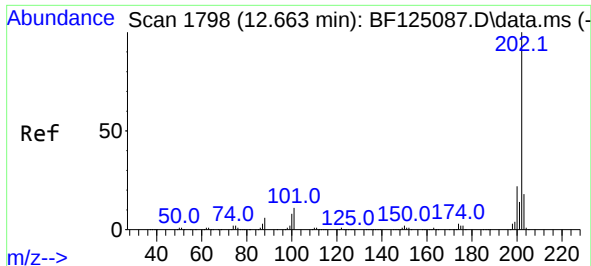
Tgt Ion:188 Resp: 699160
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.9 7.5 11.3



#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

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

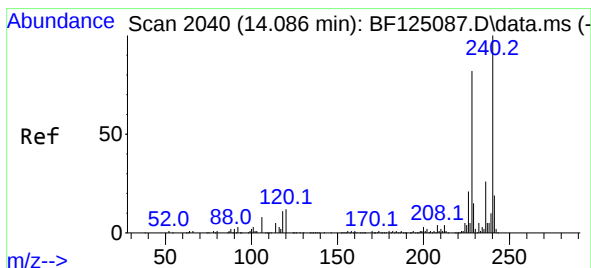
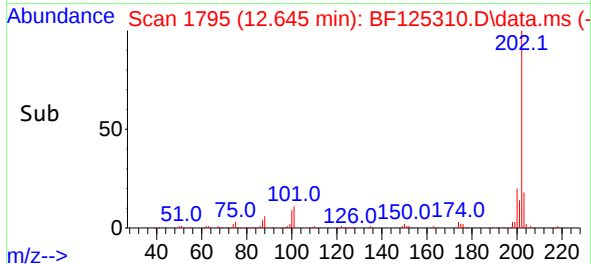
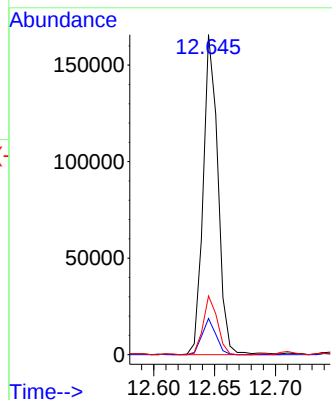
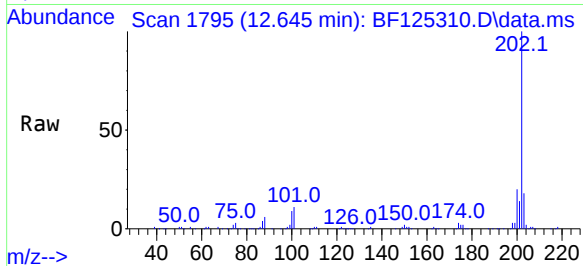




#75
Fluoranthene
Concen: 3.649 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

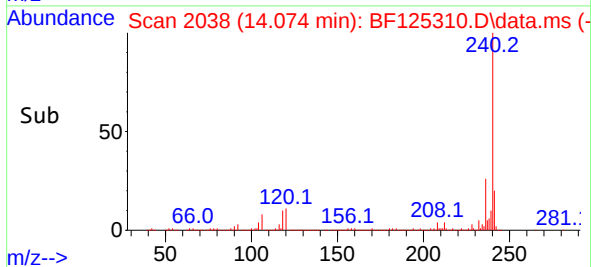
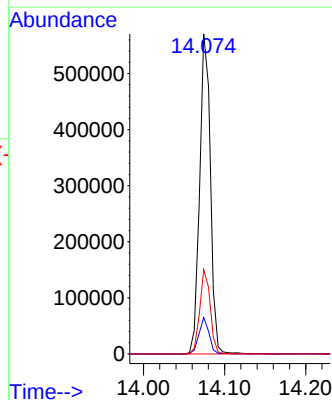
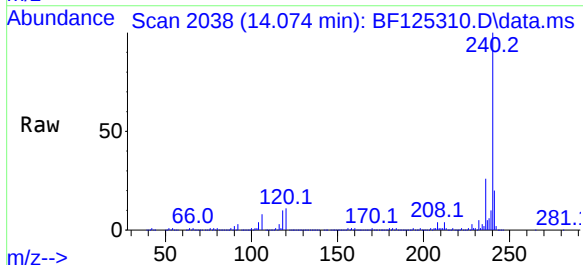
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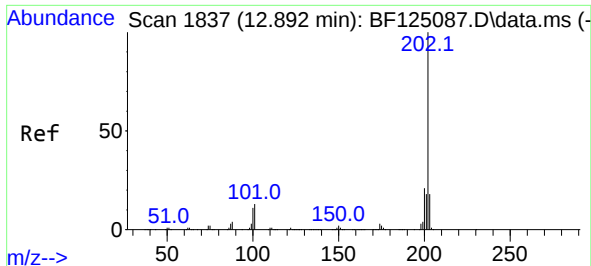
Tgt Ion:202 Resp: 139502
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.7
203 18.4 0.0 36.3



#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

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



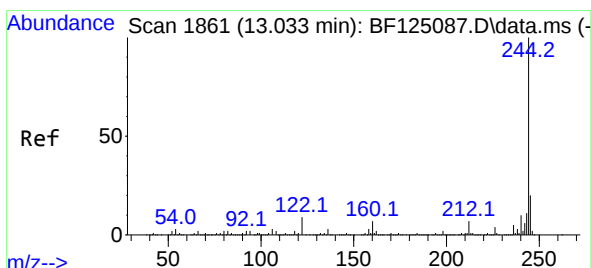
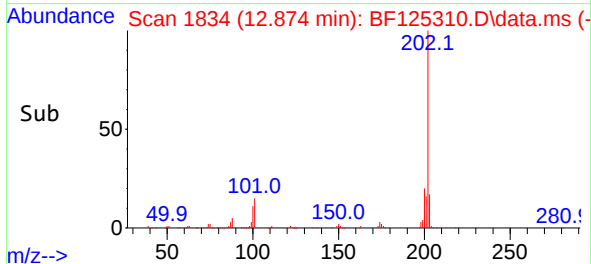
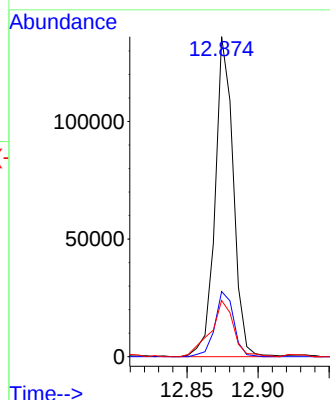
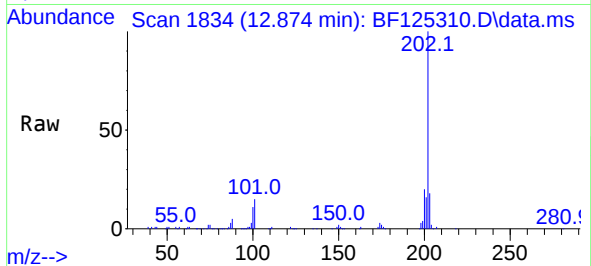


#78
Pyrene
Concen: 2.672 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

Instrument :
BNA_F
ClientSampleId :
TP-1COMP

Tgt Ion:202 Resp: 121062

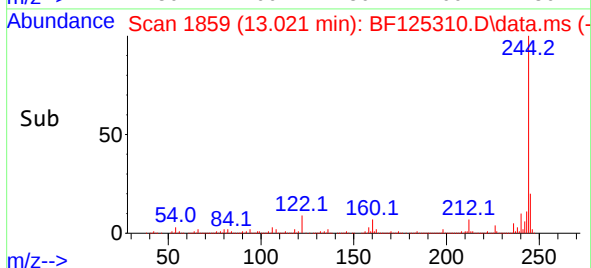
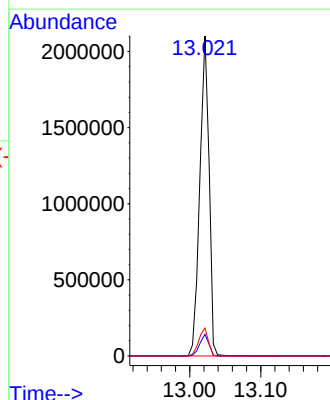
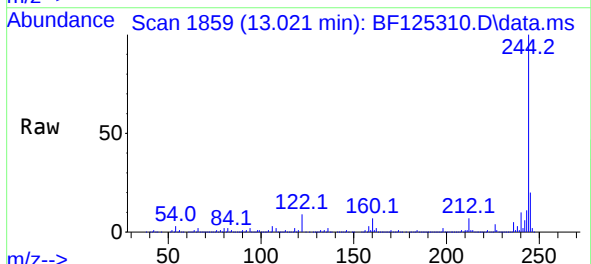
Ion	Ratio	Lower	Upper
202	100		
200	20.4	15.3	22.9
203	17.5	13.4	20.0

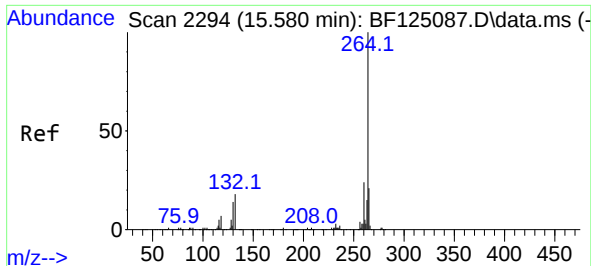


#79
Terphenyl-d14
Concen: 57.615 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125310.D
Acq: 1 Sep 2021 17:07

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

Instrument :
BNA_F
ClientSampleId :
TP-1COMP

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

