

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081921\
 Data File : BF125118.D
 Acq On : 19 Aug 2021 17:12
 Operator : JU/CG
 Sample : M3451-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-10-COMP

Quant Time: Aug 19 18:24:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

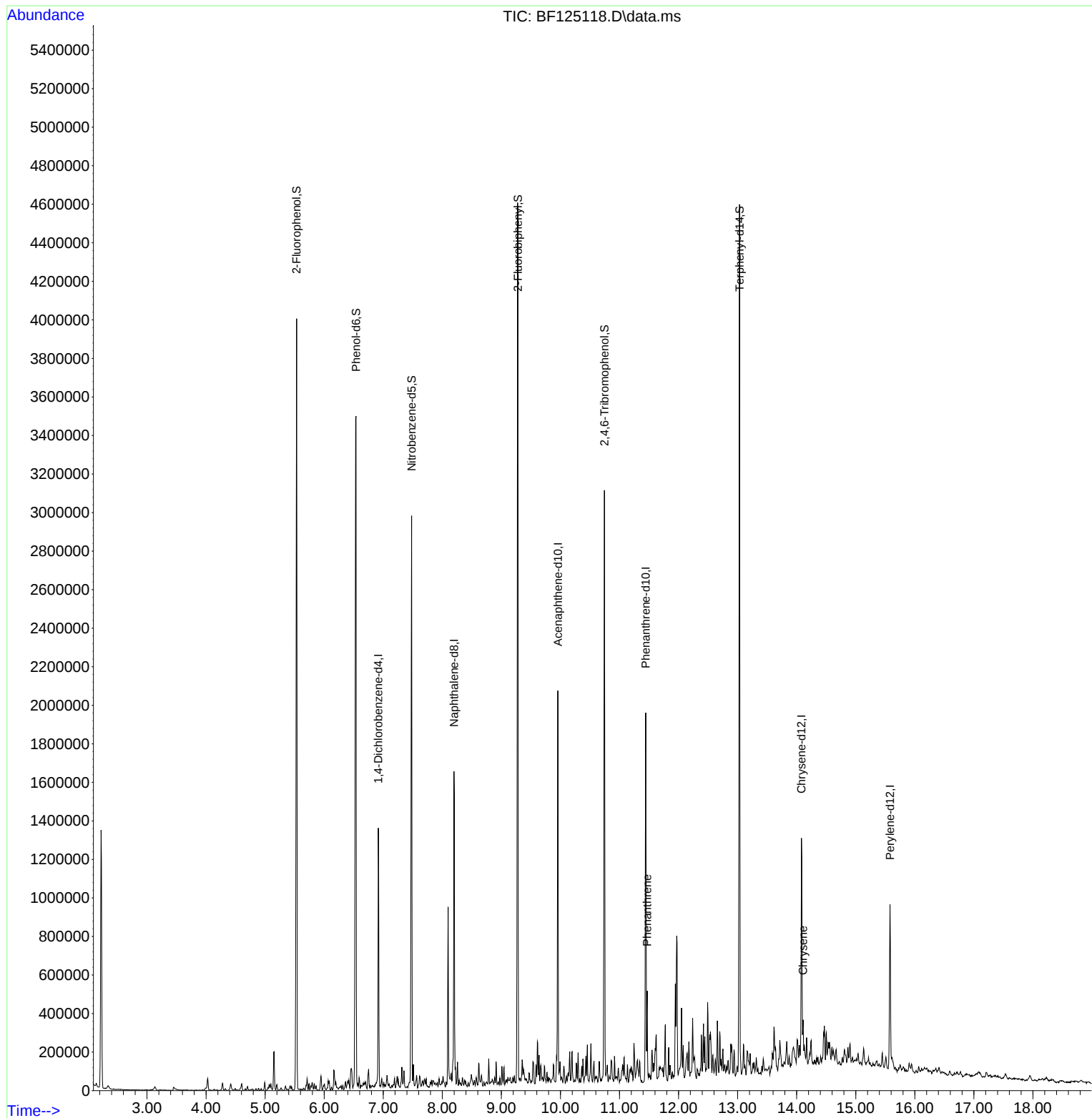
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	180804	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	700601	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	368545	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	650306	20.000	ng	0.00
76) Chrysene-d12	14.080	240	393885	20.000	ng	0.00
86) Perylene-d12	15.580	264	366453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1016788	85.120	ng	0.00
7) Phenol-d6	6.540	99	1338883	86.664	ng	0.00
23) Nitrobenzene-d5	7.481	82	914797	65.736	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	353077	95.974	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1561267	59.043	ng	0.00
79) Terphenyl-d14	13.033	244	1499856	60.663	ng	0.00
Target Compounds						
71) Phenanthrene	11.469	178	158618	4.427	ng	Qvalue 100
83) Chrysene	14.110	228	94352	3.362	ng	# 88

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

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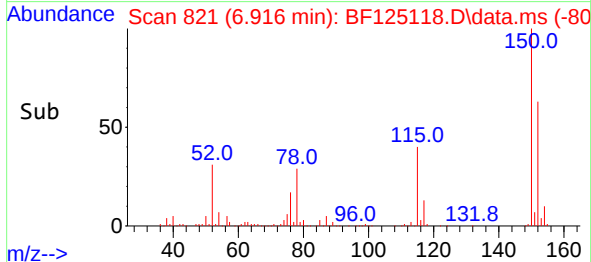
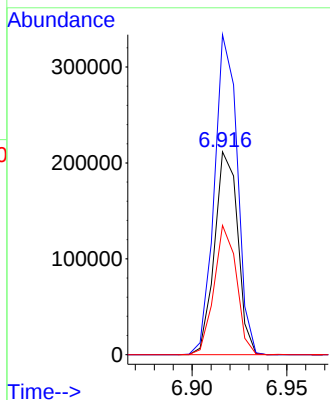
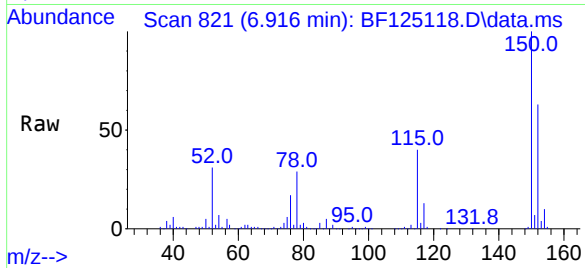




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

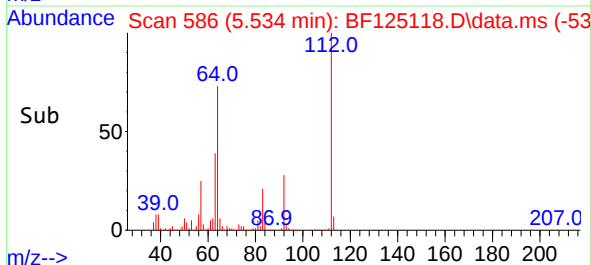
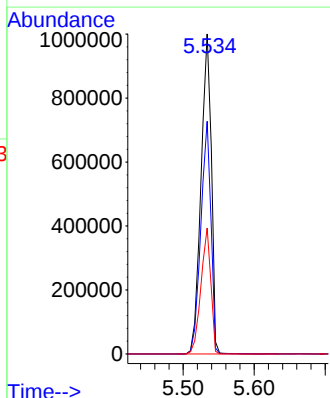
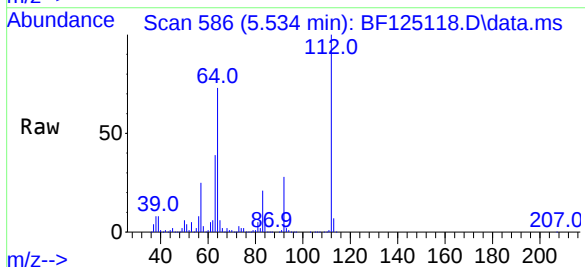
Instrument :
BNA_F
ClientSampleId :
TP-5-10-COMP

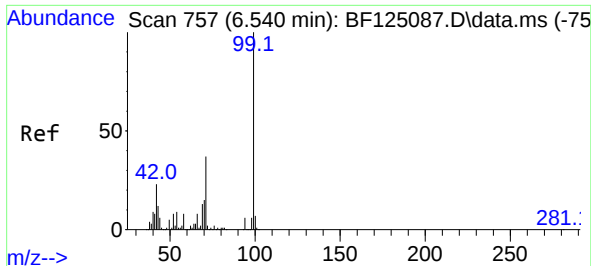
Tgt Ion:152 Resp: 180804
Ion Ratio Lower Upper
152 100
150 157.7 117.6 176.4
115 63.7 47.1 70.7



#5
2-Fluorophenol
Concen: 85.120 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.000 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

Tgt Ion:112 Resp: 1016788
Ion Ratio Lower Upper
112 100
64 72.7 44.2 66.2#
63 39.4 26.2 39.2#

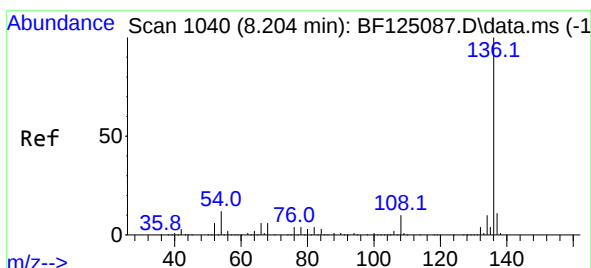
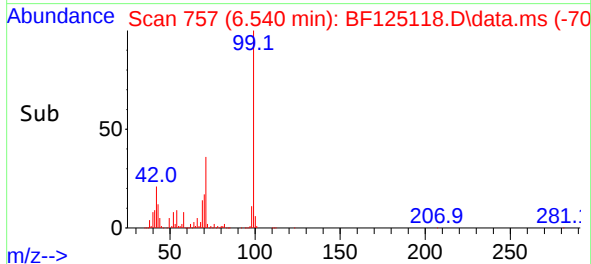
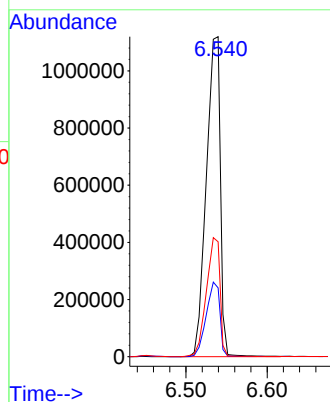
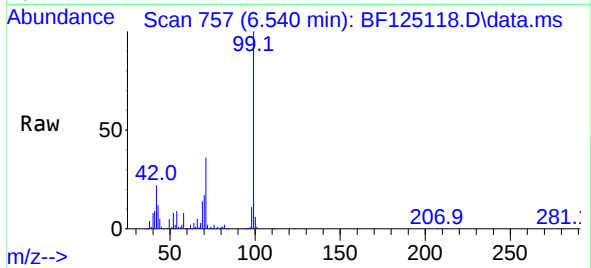




#7
Phenol-d6
Concen: 86.664 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

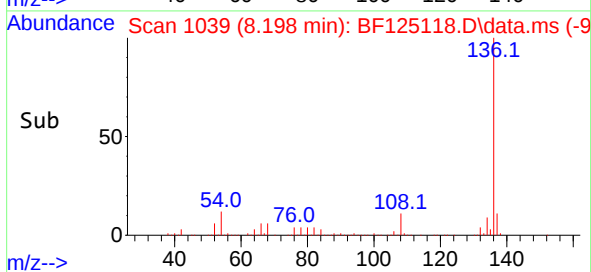
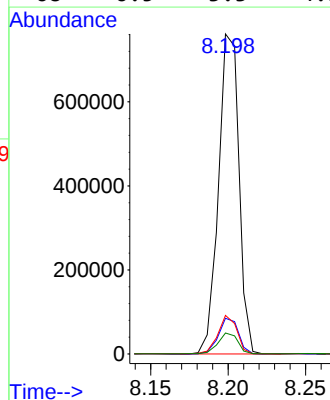
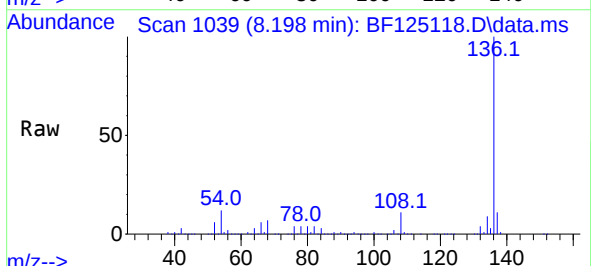
Instrument :
BNA_F
ClientSampleId :
TP-5-10-COMP

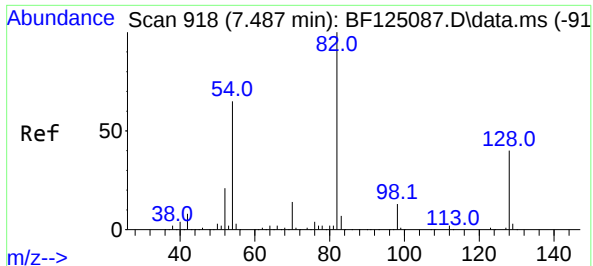
Tgt Ion: 99 Resp: 1338883
Ion Ratio Lower Upper
99 100
42 21.5 23.5 35.3#
71 35.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

Tgt Ion: 136 Resp: 700601
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 12.0 6.4 9.6#
68 6.5 3.3 4.9#

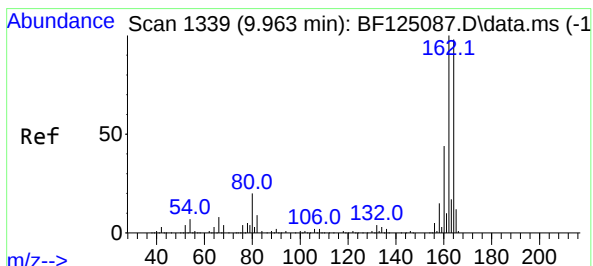
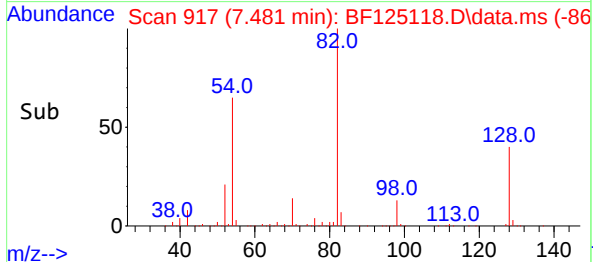
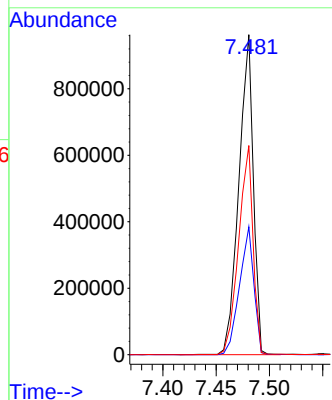
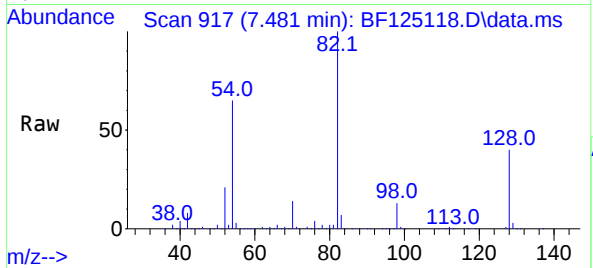




#23
Nitrobenzene-d5
Concen: 65.736 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

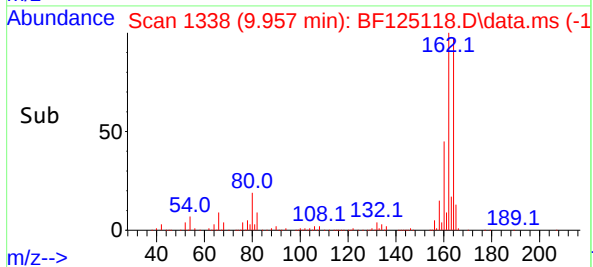
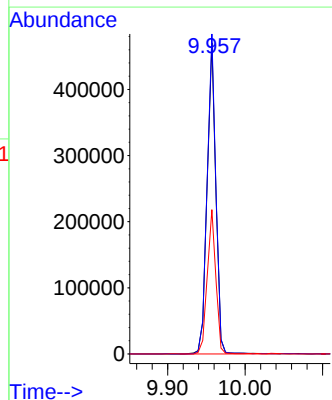
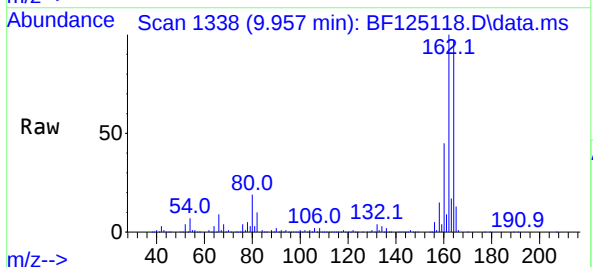
Instrument :
BNA_F
ClientSampleId :
TP-5-10-COMP

Tgt Ion: 82 Resp: 914797
Ion Ratio Lower Upper
82 100
128 40.0 40.6 60.8#
54 65.4 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

Tgt Ion:164 Resp: 368545
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 46.4 38.0 57.0

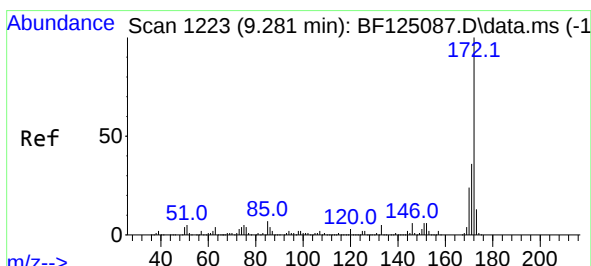
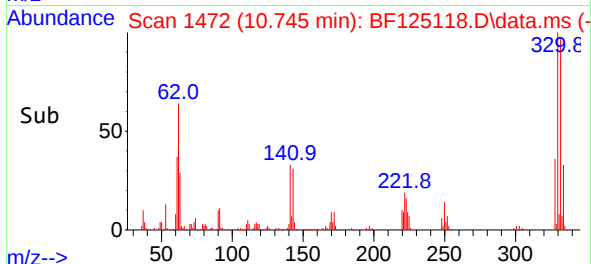
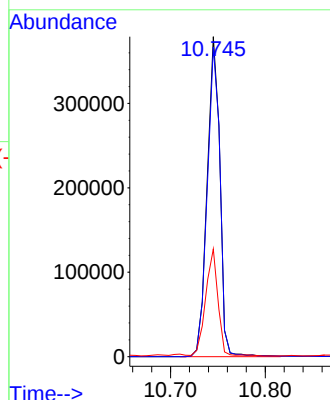
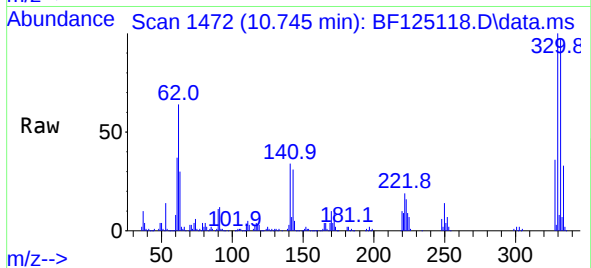




#42
2,4,6-Tribromophenol
Concen: 95.974 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

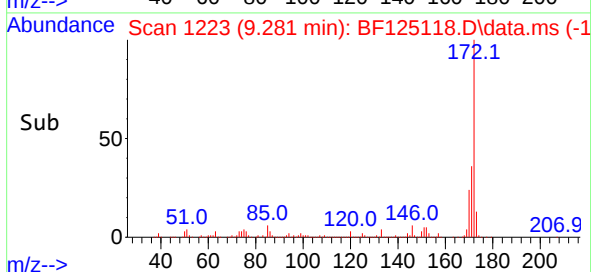
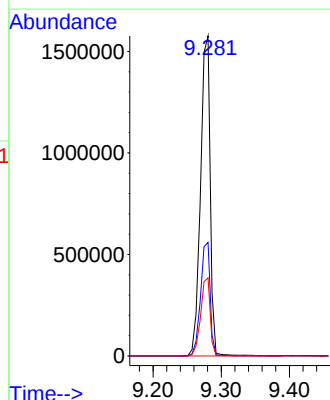
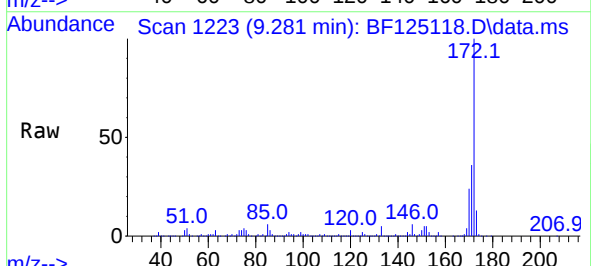
Instrument :
BNA_F
ClientSampleId :
TP-5-10-COMP

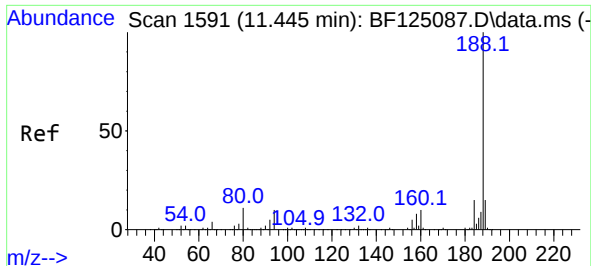
Tgt Ion: 330 Resp: 353077
Ion Ratio Lower Upper
330 100
332 98.0 76.2 114.4
141 33.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 59.043 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

Tgt Ion: 172 Resp: 1561267
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.4 18.8 28.2

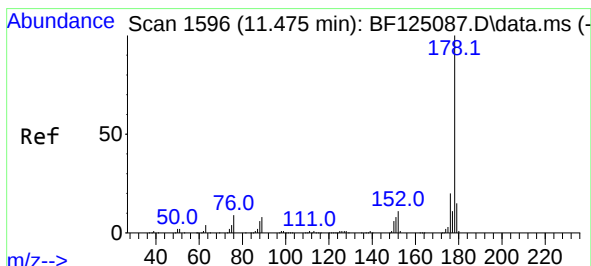
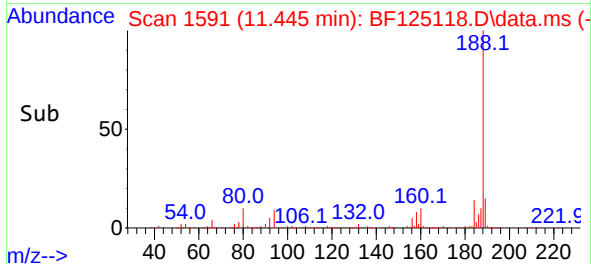
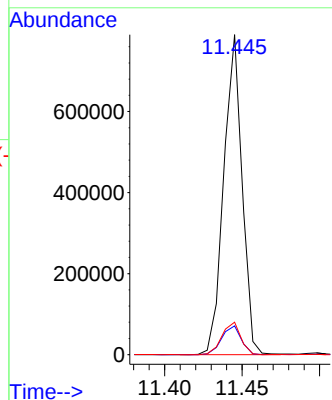
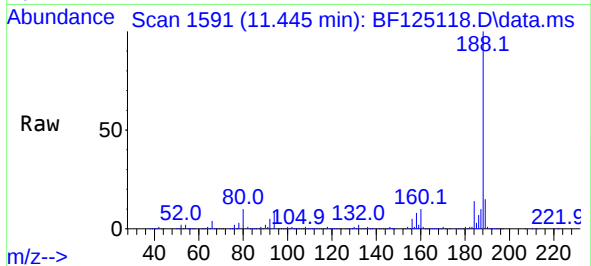




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

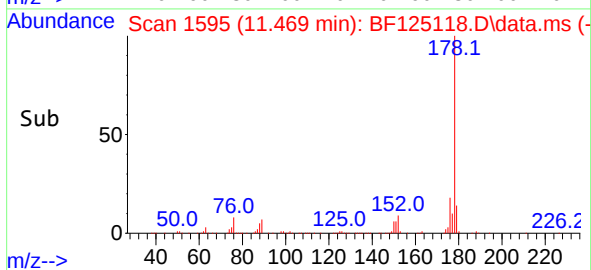
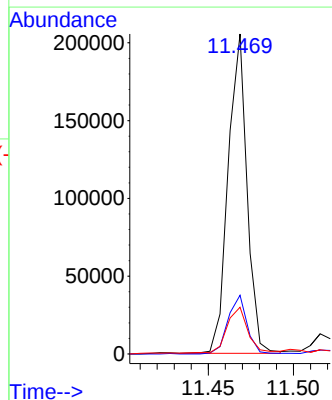
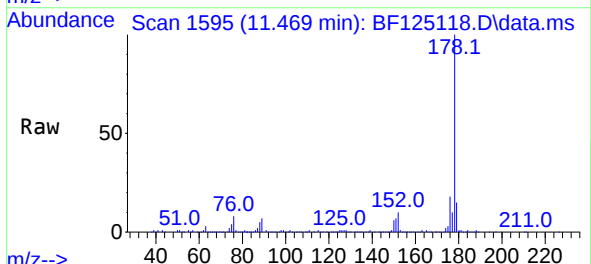
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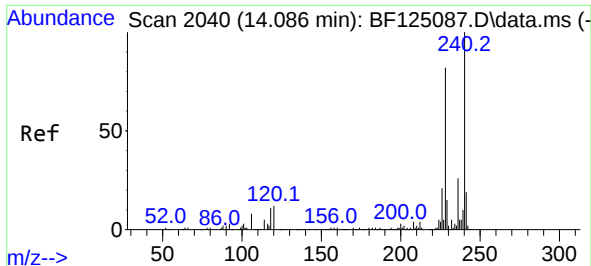
Tgt Ion:188 Resp: 650306
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 10.1 7.5 11.3



#71
Phenanthrene
Concen: 4.427 ng
RT: 11.469 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

Tgt Ion:178 Resp: 158618
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 14.6 11.5 17.3



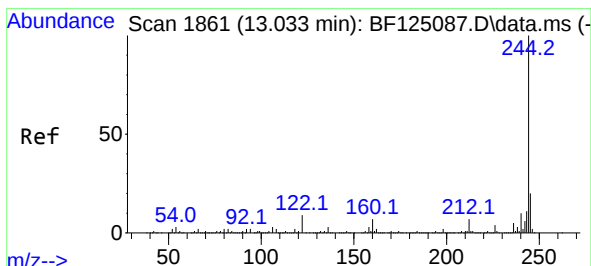
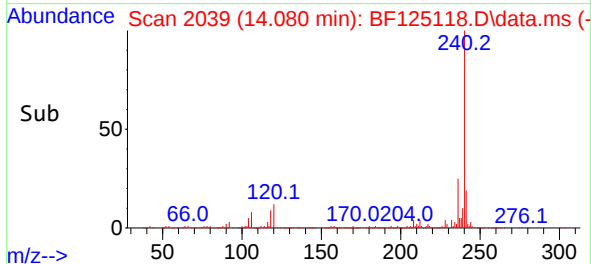
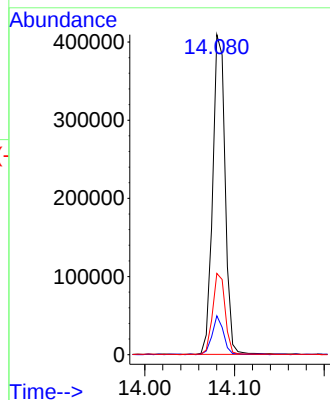
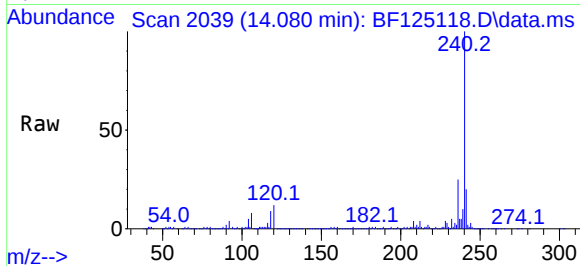


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

Instrument :
BNA_F
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TP-5-10-COMP

Tgt Ion:240 Resp: 393885

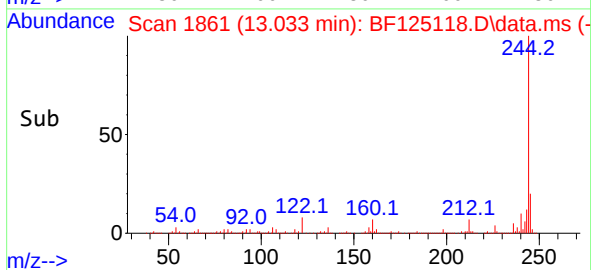
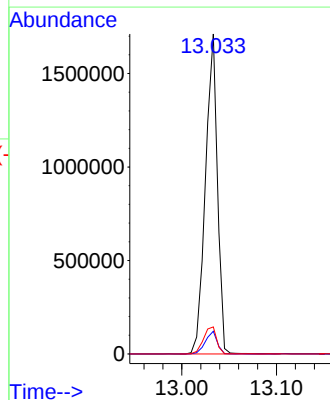
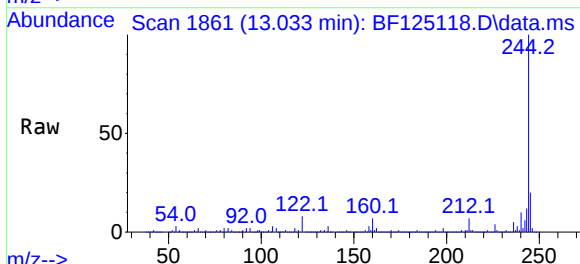
Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.8	16.2
236	25.4	21.6	32.4

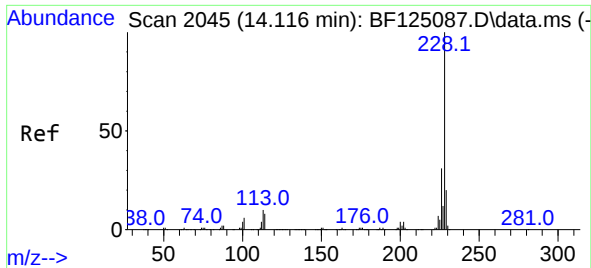


#79
Terphenyl-d14
Concen: 60.663 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

Tgt Ion:244 Resp: 1499856

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	8.5	9.0	13.4#

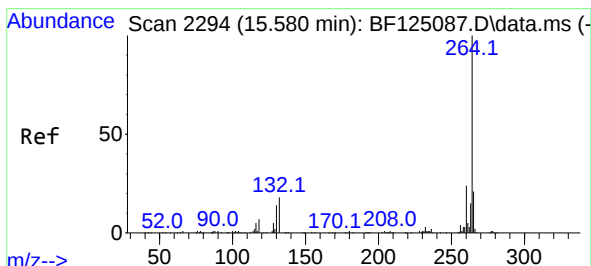
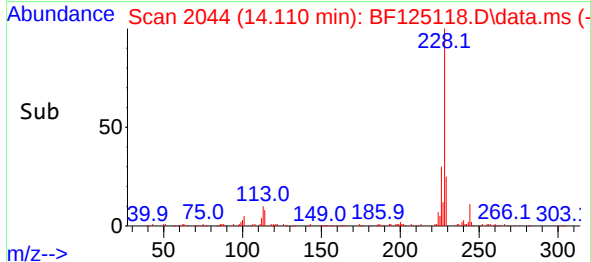
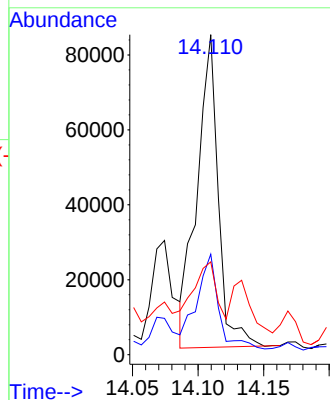
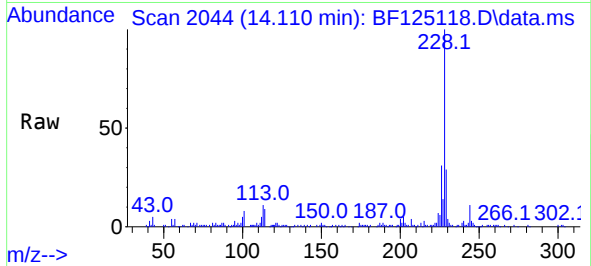




#83
Chrysene
Concen: 3.362 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

Instrument :
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ClientSampleId :
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Tgt Ion:228	Resp:	94352
Ion Ratio	Lower	Upper
228	100	
226	31.4	22.6 34.0
229	29.0	15.9 23.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF125118.D
Acq: 19 Aug 2021 17:12

Tgt Ion:264	Resp:	366453
Ion Ratio	Lower	Upper
264	100	
260	24.8	19.6 29.4
265	22.8	17.2 25.8

