

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125700.D
 Acq On : 28 Sep 2021 21:15
 Operator : JU/CG
 Sample : M3951-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20210924

Manual Integrations
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Quant Time: Sep 29 02:21:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	204835	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	830240	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	394737	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	539464	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	490342	20.000	ng	0.00
86) Perylene-d12	15.521	264	510118	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1383416	111.273	ng	0.00
7) Phenol-d6	6.504	99	1708941	102.242	ng	0.00
23) Nitrobenzene-d5	7.445	82	978703	82.223	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	378496	102.841	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1813646	82.100	ng	0.00
79) Terphenyl-d14	12.998	244	1439764	50.849	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	97899	3.236	ng	# 68
75) Fluoranthene	12.622	202	147007	4.547	ng	85
78) Pyrene	12.851	202	172734	3.898	ng	# 91
81) Benzo(a)anthracene	14.033	228	80469	2.416	ng	# 94
83) Chrysene	14.069	228	72491m	2.169	ng	
84) Bis(2-ethylhexyl)phtha...	14.027	149	51193	3.047	ng	# 96
88) Benzo(b)fluoranthene	15.086	252	99313m	2.779	ng	
90) Benzo(a)pyrene	15.451	252	72725	2.286	ng	# 94

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

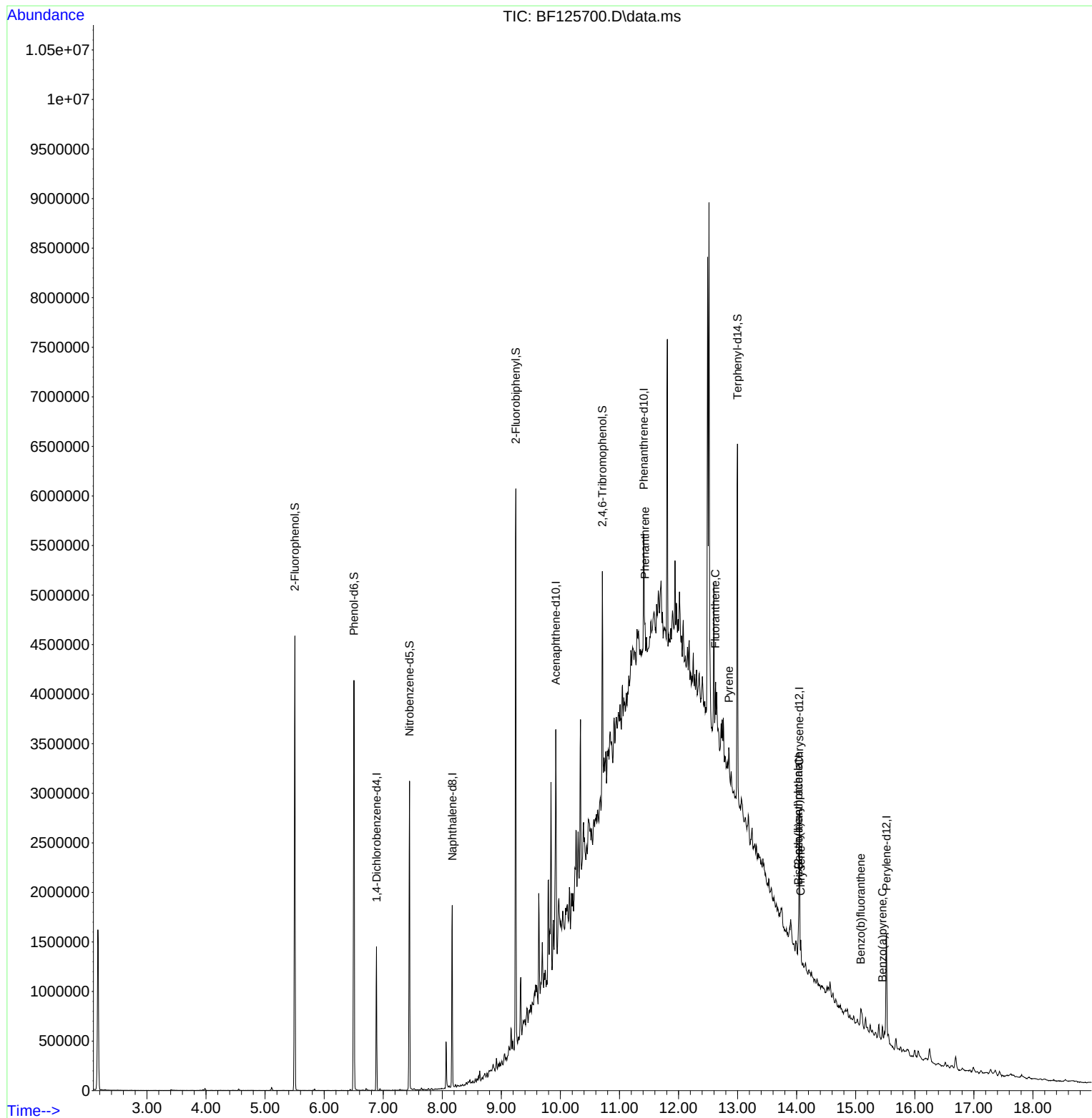
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Data File : BF125700.D
Acq On : 28 Sep 2021 21:15
Operator : JU/CG
Sample : M3951-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

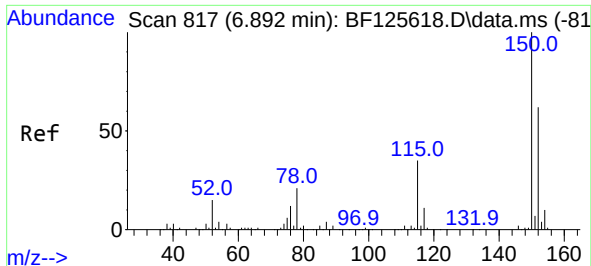
Instrument :
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ClientSampleId :
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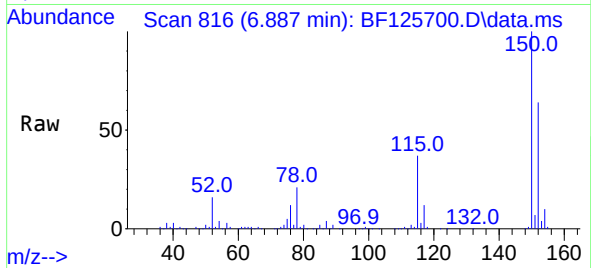
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Quant Time: Sep 29 02:21:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

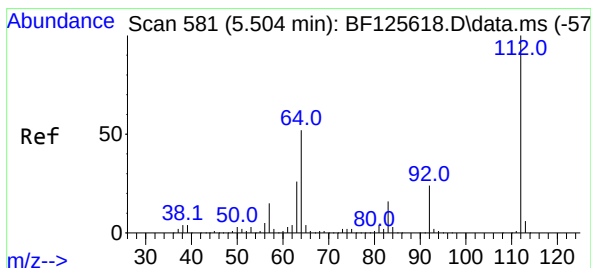
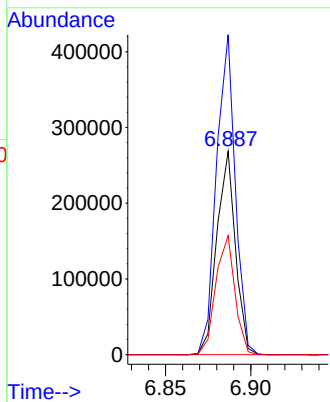
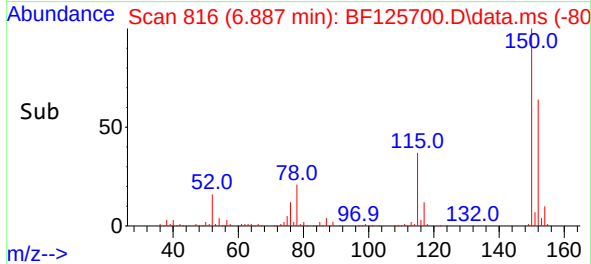




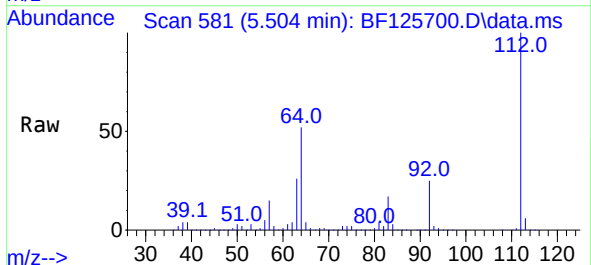
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15



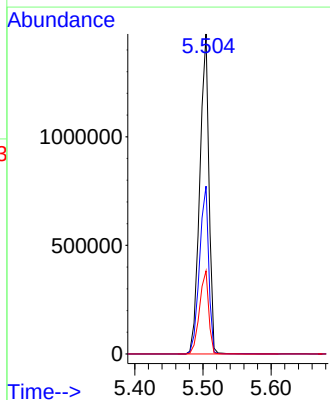
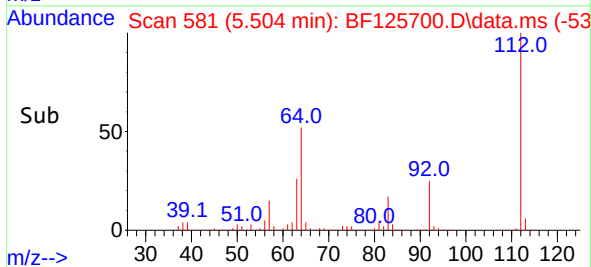
Tgt Ion:152 Resp: 204835
Ion Ratio Lower Upper
152 100
150 157.3 117.6 176.4
115 58.5 47.1 70.7



#5
2-Fluorophenol
Concen: 111.273 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15



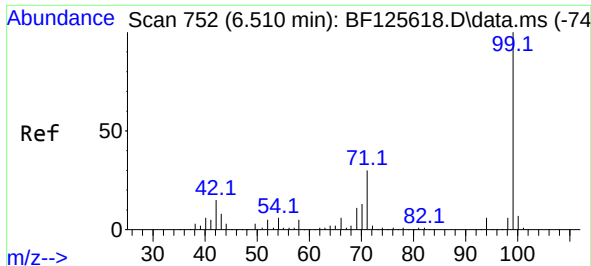
Tgt Ion:112 Resp: 1383416
Ion Ratio Lower Upper
112 100
64 52.4 44.2 66.2
63 26.0 26.2 39.2#



Instrument :
BNA_F
ClientSampled :
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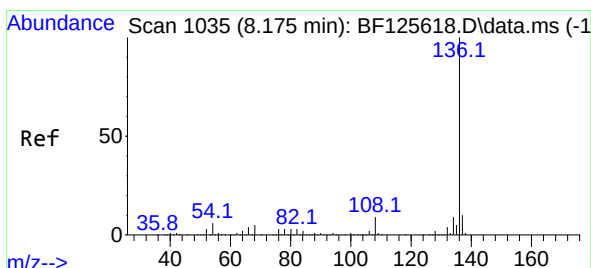
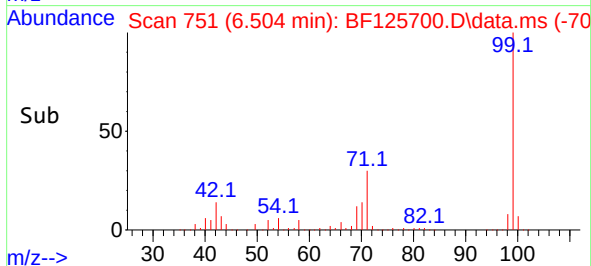
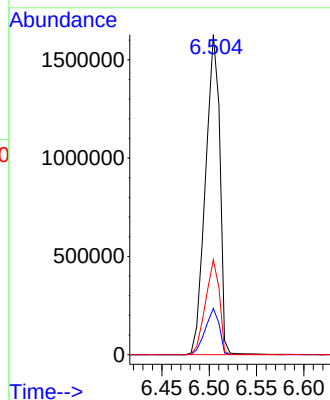
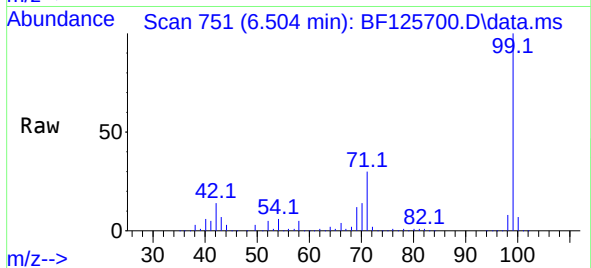
#7
Phenol-d6
Concen: 102.242 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15

Tgt Ion: 99 Resp: 1708941
Ion Ratio Lower Upper
99 100
42 14.4 23.5 35.3#
71 29.7 25.6 38.4

Instrument :
BNA_F
ClientSampled :
WC-20210924

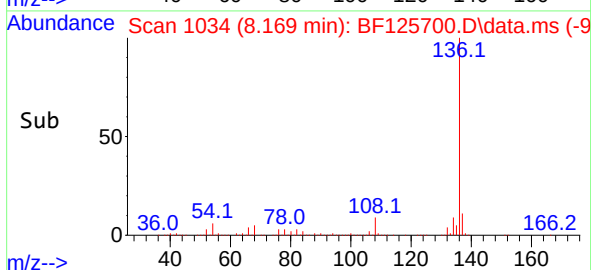
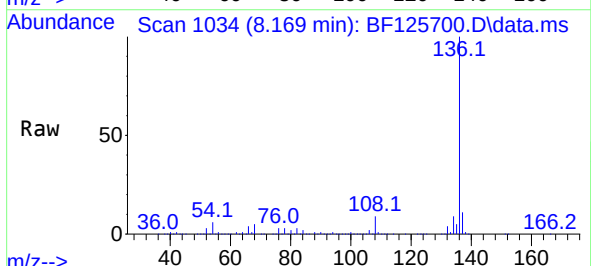
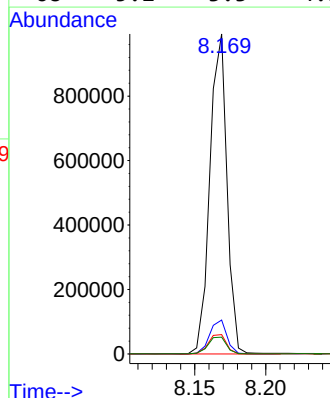
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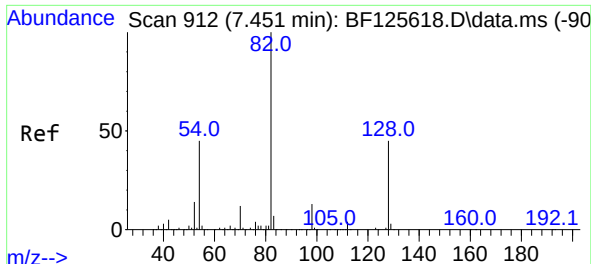
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15

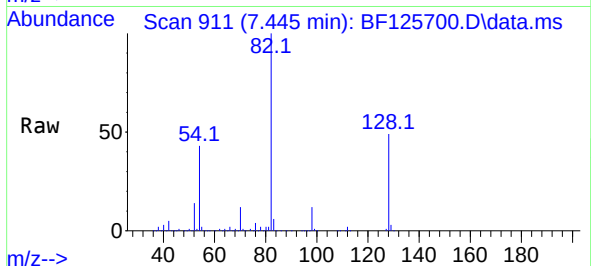
Tgt Ion: 136 Resp: 830240
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.0 6.4 9.6#
68 5.2 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 82.223 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15

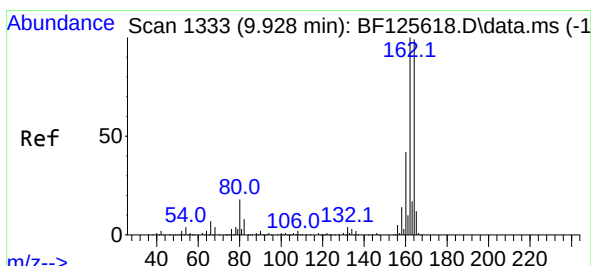
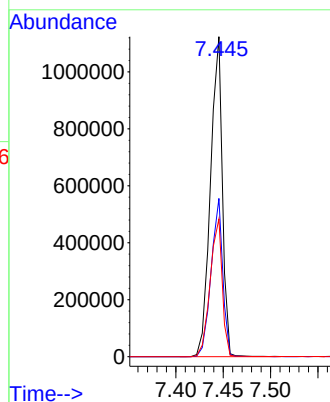
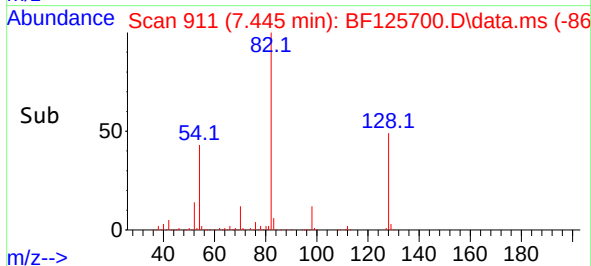
Instrument :
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ClientSampled :
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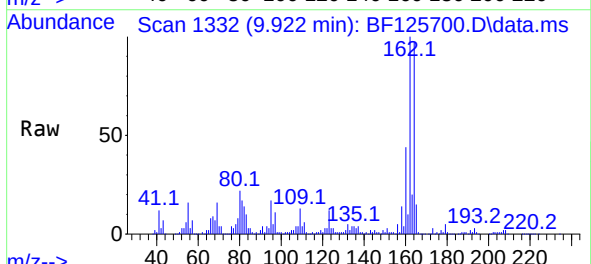
Tgt Ion: 82 Resp: 978703
Ion Ratio Lower Upper
82 100
128 49.5 40.6 60.8
54 43.1 49.6 74.4#

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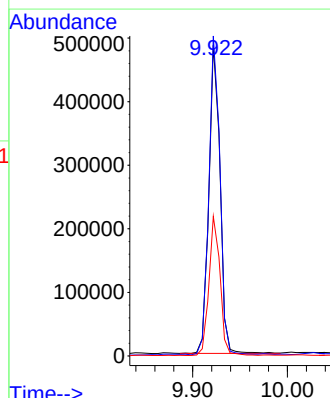
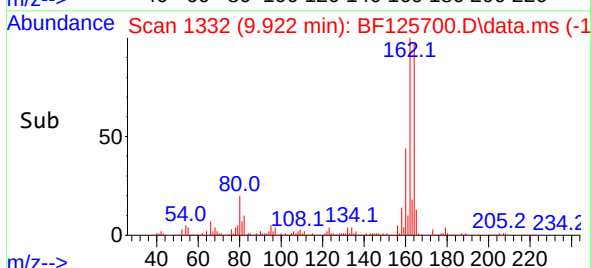
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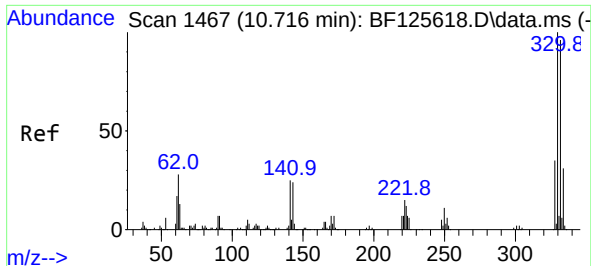


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15



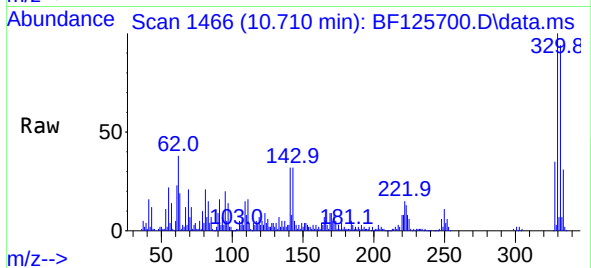
Tgt Ion: 164 Resp: 394737
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 44.9 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 102.841 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15

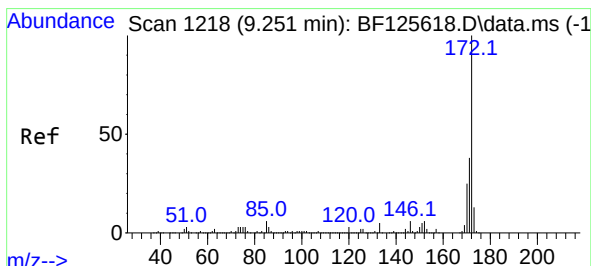
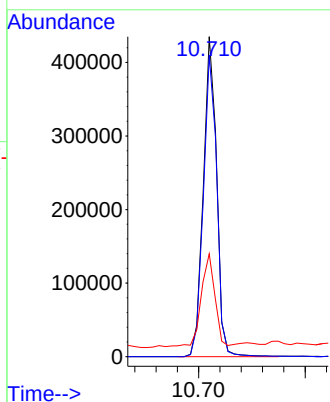
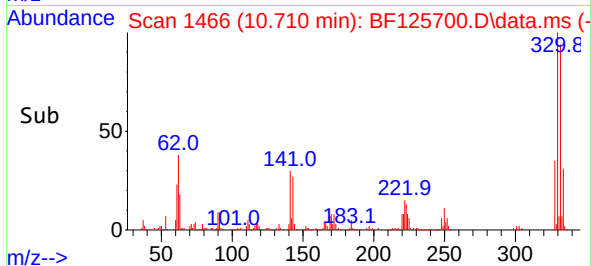
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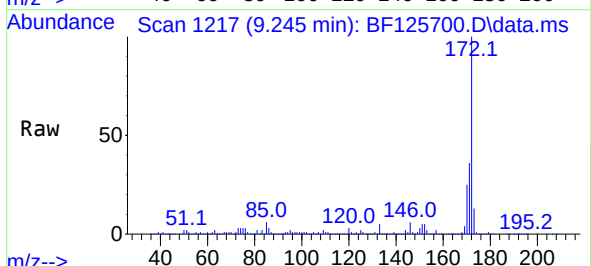
Tgt Ion:330 Resp: 378496
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 31.2 44.6 66.8#

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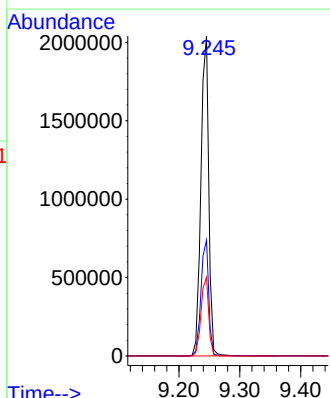
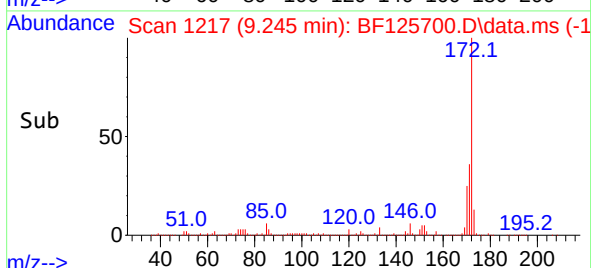
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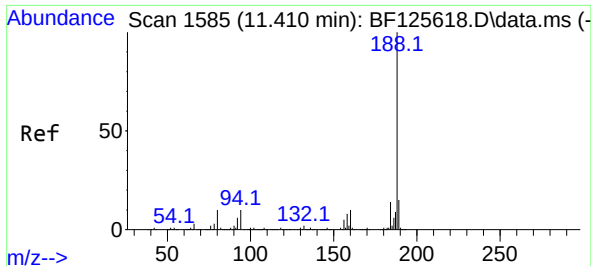


#45
2-Fluorobiphenyl
Concen: 82.100 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15



Tgt Ion:172 Resp: 1813646
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 24.6 18.8 28.2





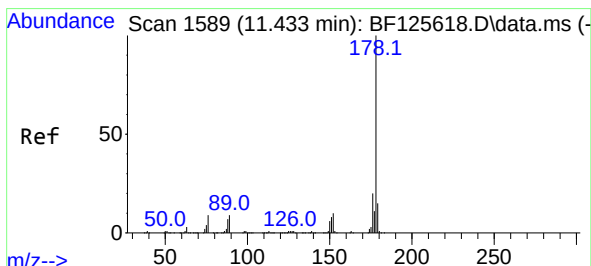
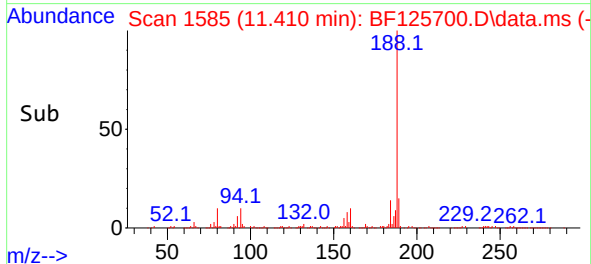
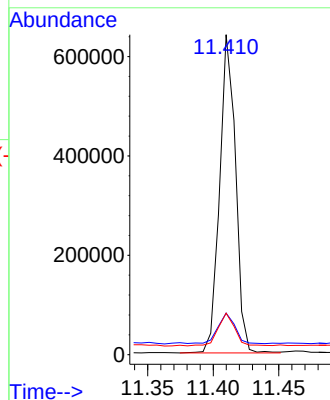
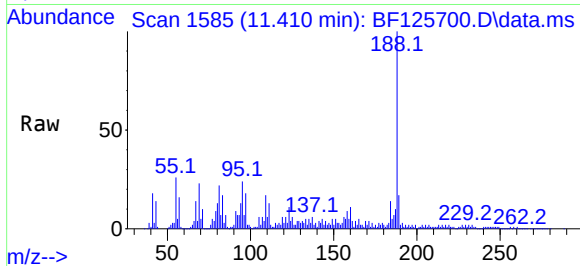
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15

Tgt Ion:188 Resp: 539464
Ion Ratio Lower Upper
188 100
94 13.0 6.7 10.1#
80 12.9 7.5 11.3#

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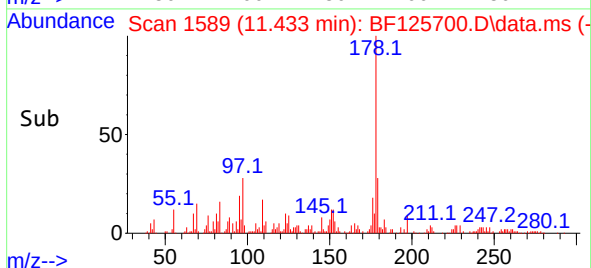
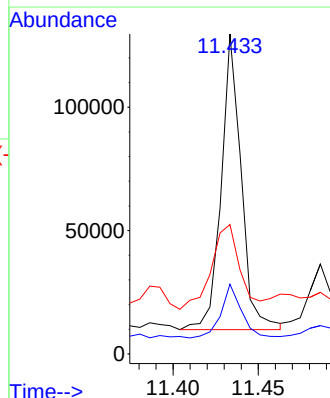
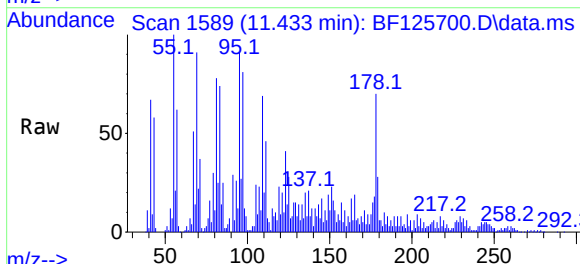
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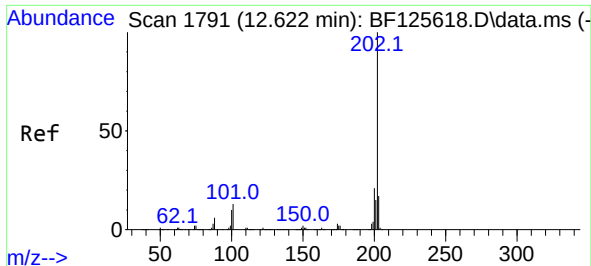
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#71
Phenanthrene
Concen: 3.236 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15

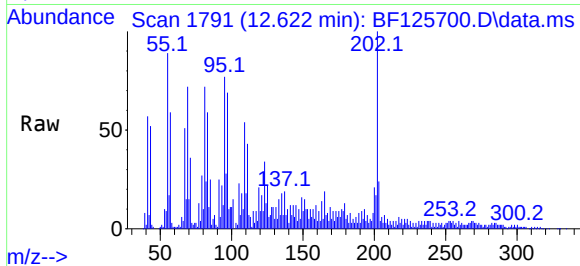
Tgt Ion:178 Resp: 97899
Ion Ratio Lower Upper
178 100
176 21.8 14.7 22.1
179 40.5 11.5 17.3#





#75
Fluoranthene
Concen: 4.547 ng
RT: 12.622 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15

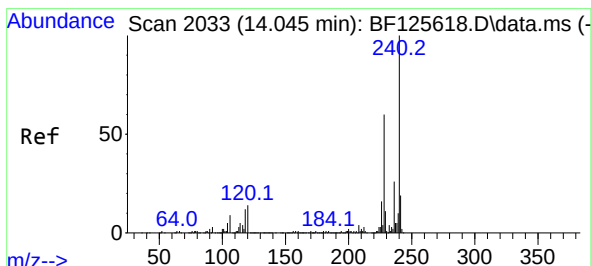
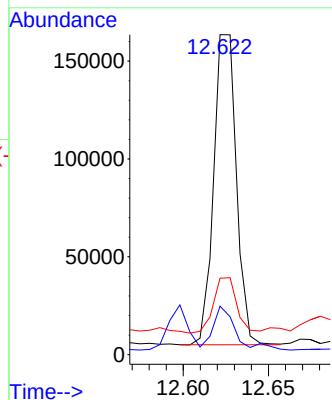
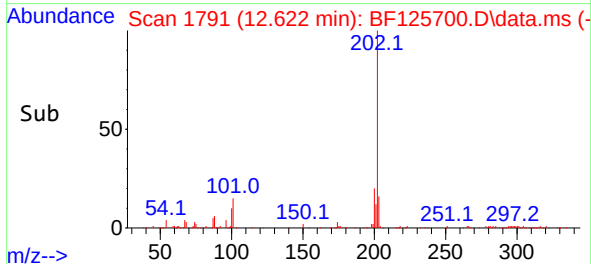
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ClientSampleId :
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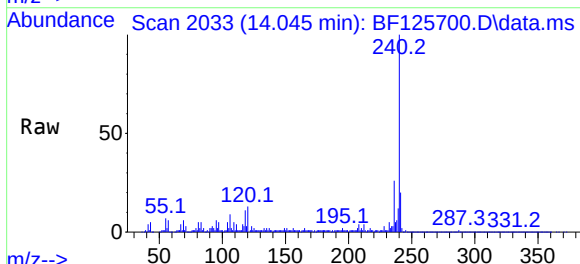
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Ion Ratio Lower Upper
202 100
101 15.2 0.0 30.7
203 23.9 0.0 36.3

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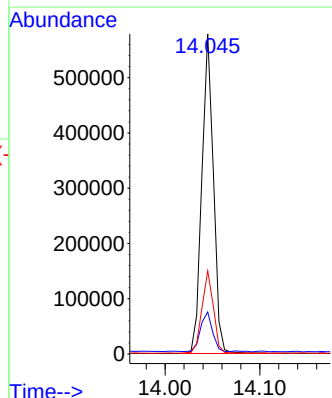
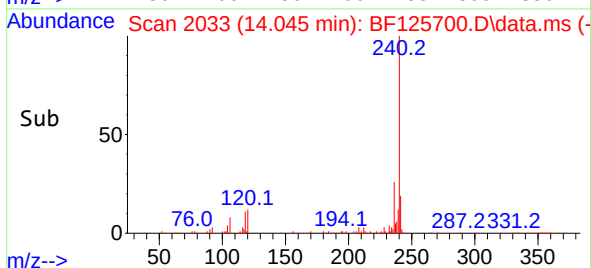
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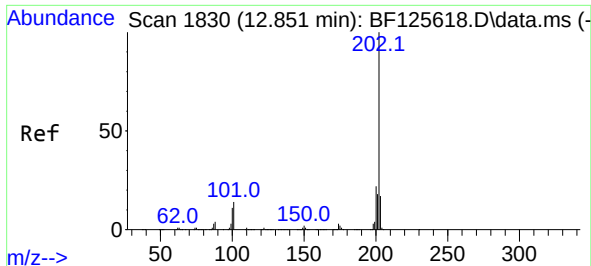


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15



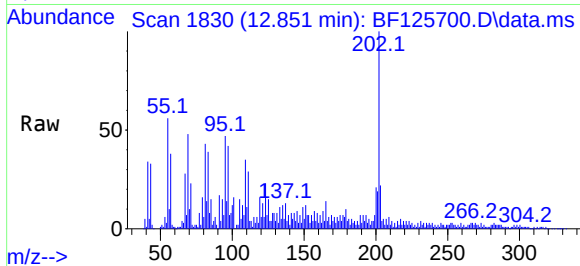
Tgt Ion:240 Resp: 490342
Ion Ratio Lower Upper
240 100
120 13.1 10.8 16.2
236 26.0 21.6 32.4





#78
Pyrene
Concen: 3.898 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15

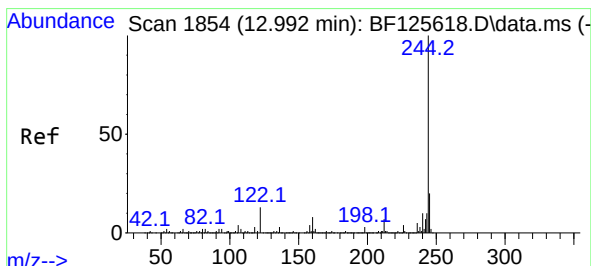
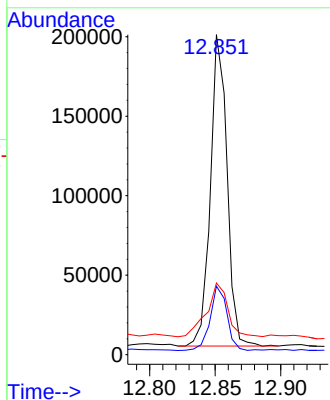
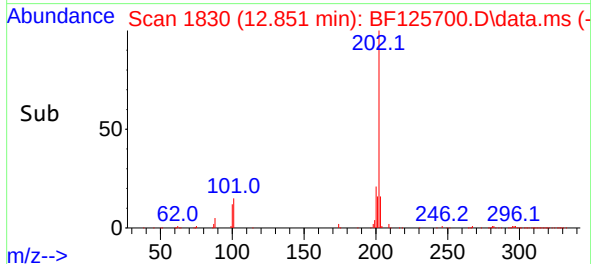
Instrument :
BNA_F
ClientSampleId :
WC-20210924



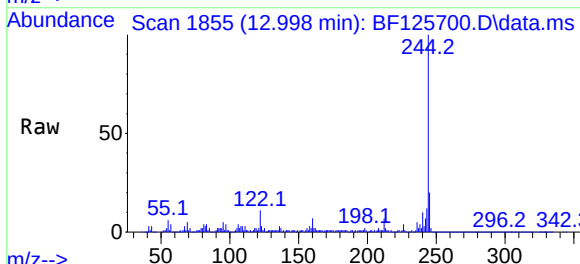
Tgt Ion:202 Resp: 172734
Ion Ratio Lower Upper
202 100
200 21.4 15.3 22.9
203 22.4 13.4 20.0#

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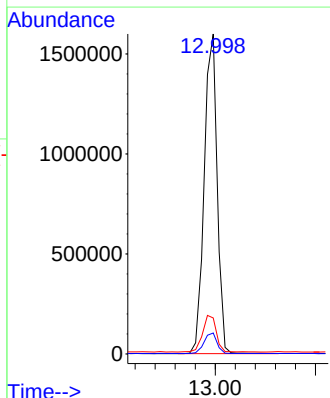
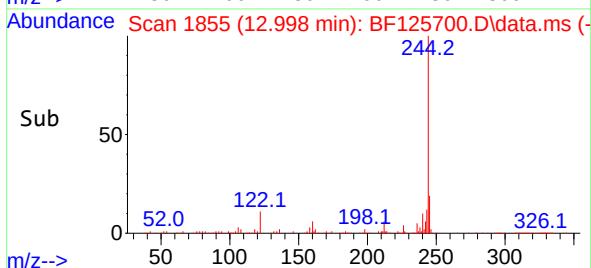
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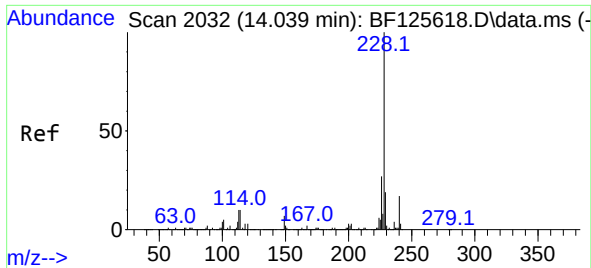


#79
Terphenyl-d14
Concen: 50.849 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15



Tgt Ion:244 Resp: 1439764
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 11.2 9.0 13.4





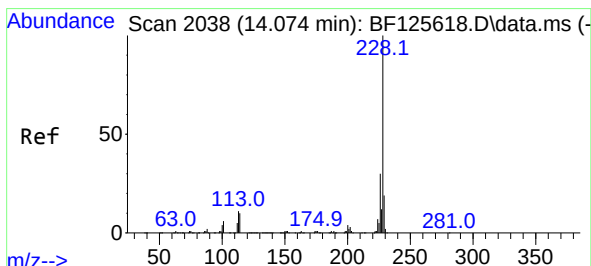
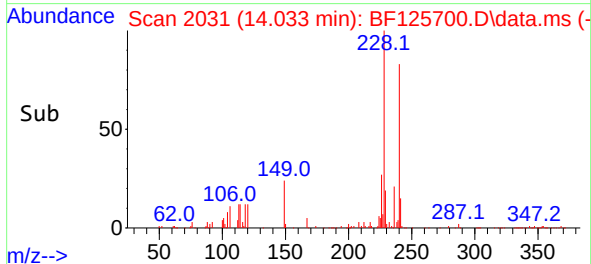
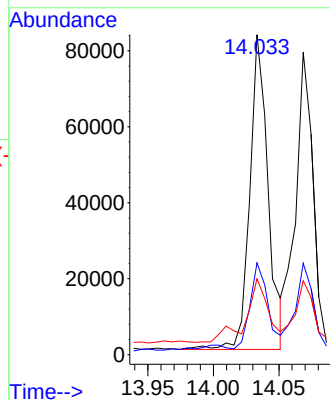
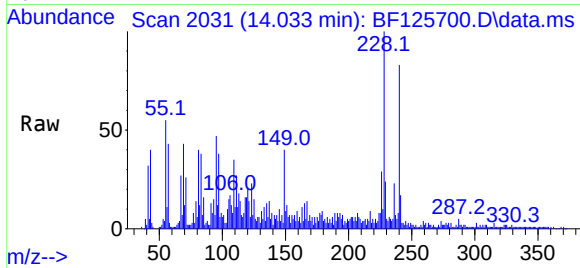
#81
Benzo(a)anthracene
Concen: 2.416 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15

Tgt Ion:228 Resp: 80469
Ion Ratio Lower Upper
228 100
226 28.6 21.6 32.4
229 23.7 15.6 23.4#

Instrument :
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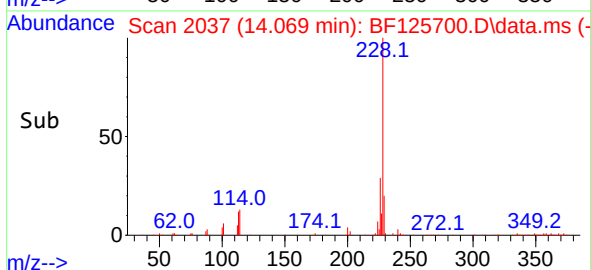
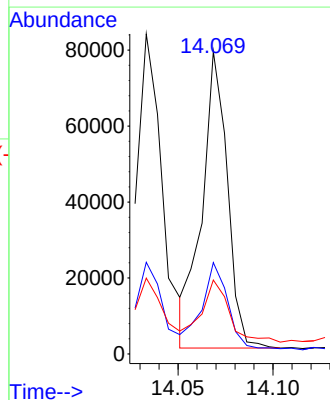
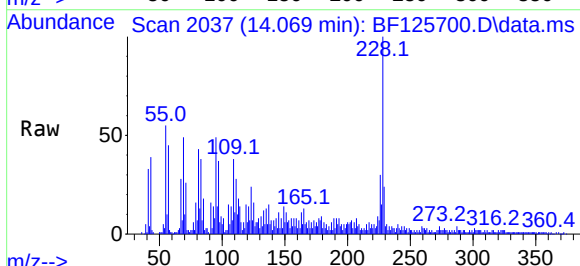
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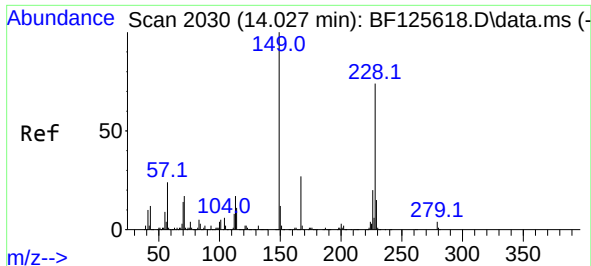
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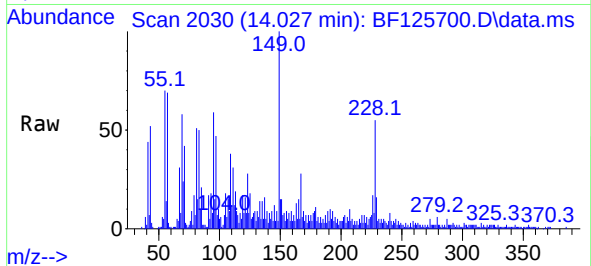
#83
Chrysene
Concen: 2.169 ng m
RT: 14.069 min Scan# 2037
Delta R.T. -0.005 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15

Tgt Ion:228 Resp: 72491
Ion Ratio Lower Upper
228 100
226 30.2 22.6 34.0
229 24.4 15.9 23.9#

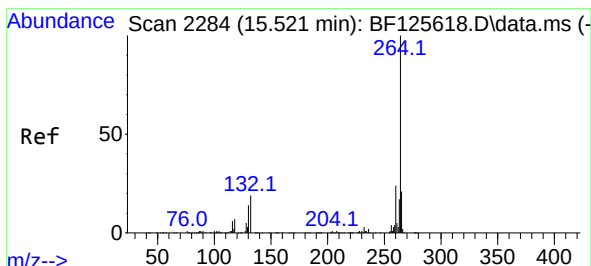
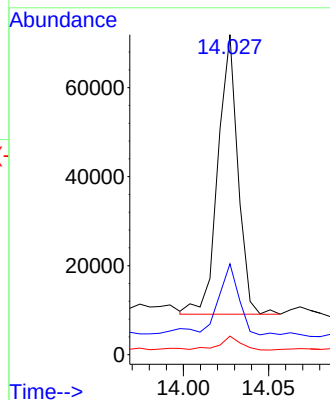
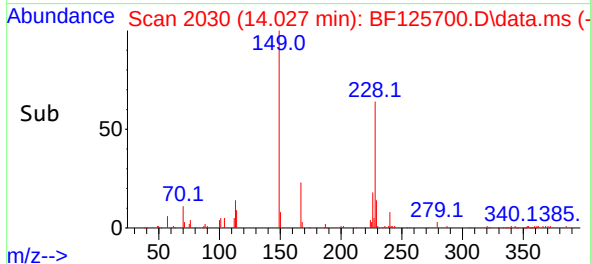




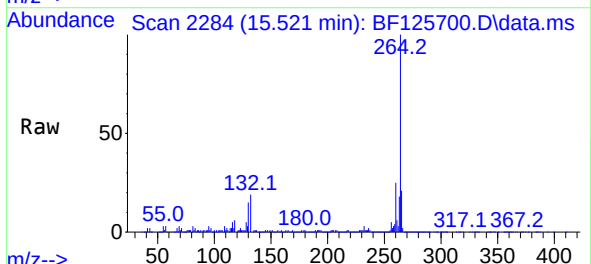
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.047 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15



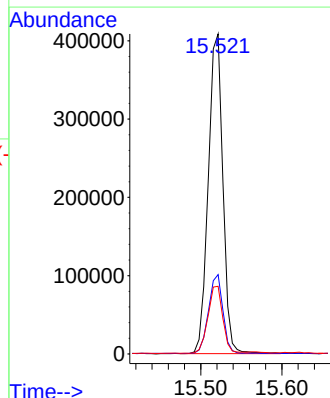
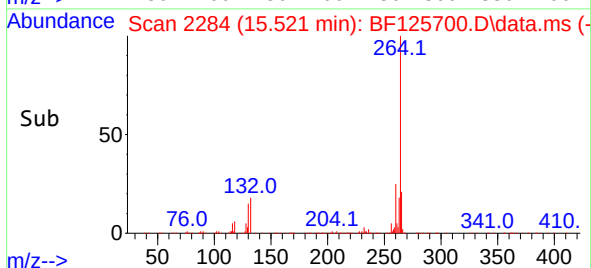
Tgt Ion:149 Resp: 51193
Ion Ratio Lower Upper
149 100
167 28.4 21.4 32.0
279 5.8 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15



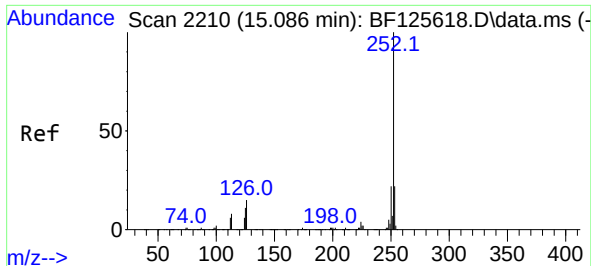
Tgt Ion:264 Resp: 510118
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 21.2 17.2 25.8



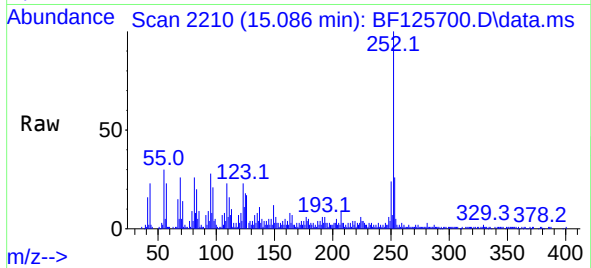
Instrument :
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ClientSampled :
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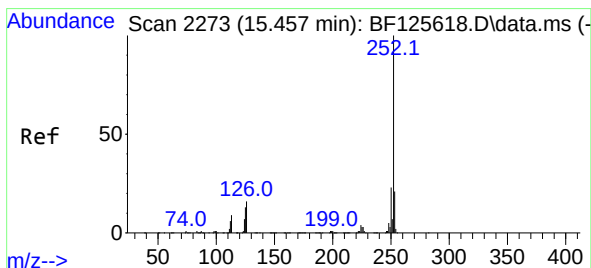
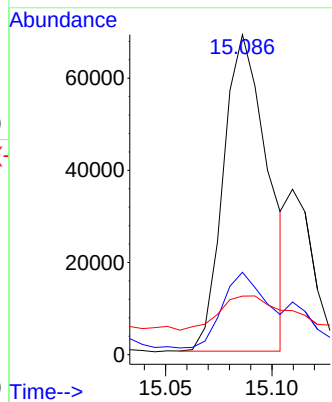
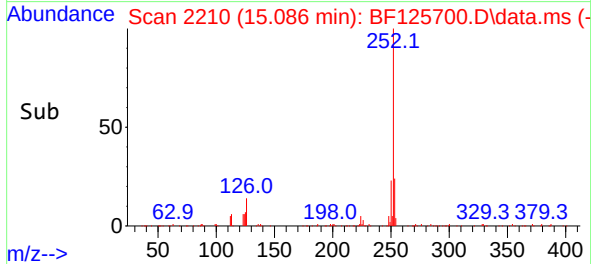
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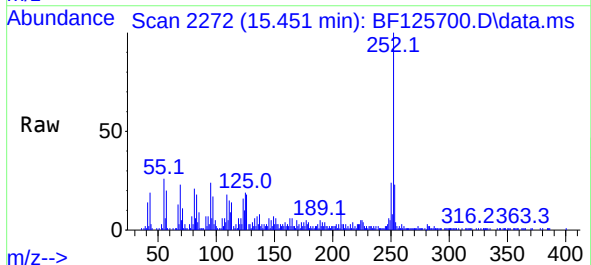
#88
Benzo(b)fluoranthene
Concen: 2.779 ng m
RT: 15.086 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15



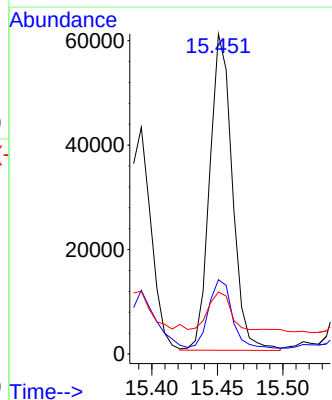
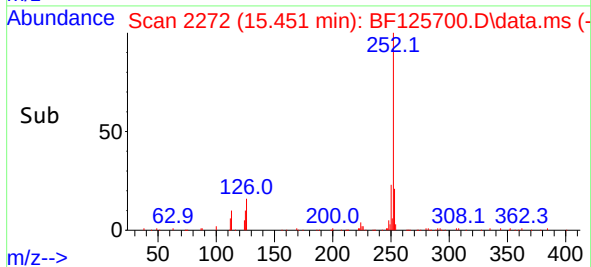
Tgt Ion:252 Resp: 99313
Ion Ratio Lower Upper
252 100
253 25.7 16.8 25.2#
125 18.3 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 2.286 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF125700.D
Acq: 28 Sep 2021 21:15



Tgt Ion:252 Resp: 72725
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 19.3 9.9 14.9#



Instrument :
BNA_F
ClientSampled :
WC-20210924

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