

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125216.D
 Acq On : 25 Aug 2021 18:40
 Operator : JU/CG
 Sample : M3467-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-7-(291.00)

Manual Integrations
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 8/26/2021 11:39:57 AM

Quant Time: Aug 26 01:36:10 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	6.916	152	195278	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	716934	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	338842	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	557584	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	470542	20.000	ng	0.00
86) Perylene-d12	15.580	264	540550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	915381	70.951	ng	0.00
7) Phenol-d6	6.534	99	1147940	68.797	ng	0.00
23) Nitrobenzene-d5	7.475	82	828888	58.206	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	236597	69.950	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1239786	50.995	ng	0.00
79) Terphenyl-d14	13.021	244	1121725	37.978	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.810	152	111897	3.459	ng	97
50) Dimethylphthalate	9.657	163	52237	2.225	ng	# 94
71) Phenanthrene	11.457	178	320201	10.422	ng	98
72) Anthracene	11.510	178	157136	5.189	ng	98
73) Carbazole	11.663	167	96928	3.503	ng	97
75) Fluoranthene	12.651	202	1305691	42.831	ng	96
78) Pyrene	12.880	202	1177746	29.179	ng	95
81) Benzo(a)anthracene	14.068	228	732992	21.620	ng	93
83) Chrysene	14.109	228	1054720	31.458	ng	96
87) Indeno(1,2,3-cd)pyrene	17.092	276	568846m	14.607	ng	
88) Benzo(b)fluoranthene	15.145	252	1872666m	47.419	ng	
89) Benzo(k)fluoranthene	15.168	252	477879m	12.968	ng	
90) Benzo(a)pyrene	15.515	252	750036	21.501	ng	97
91) Dibenzo(a,h)anthracene	17.103	278	168900	5.018	ng	95
92) Benzo(g,h,i)perylene	17.550	276	460472	14.187	ng	91

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

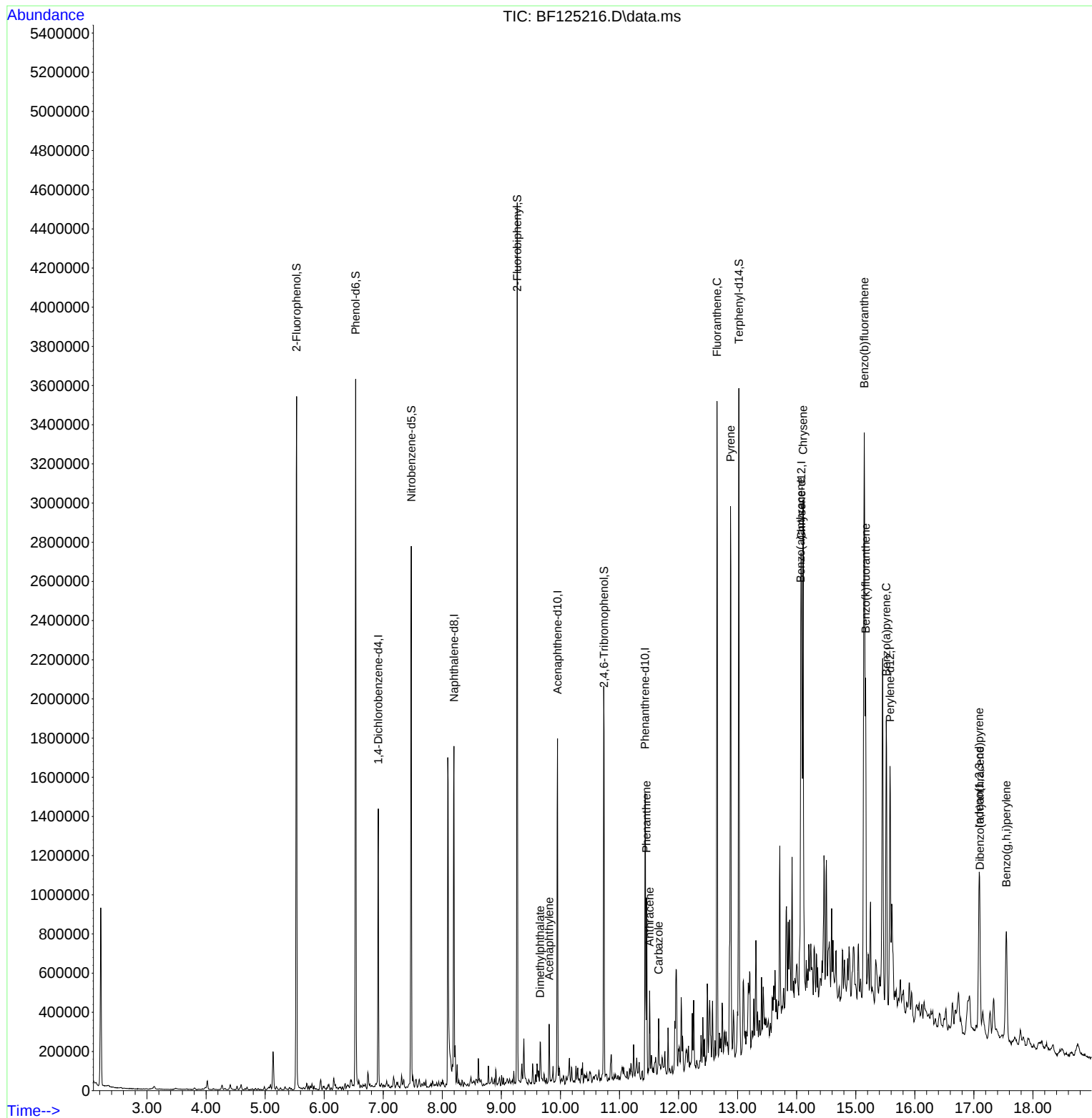
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125216.D
Acq On : 25 Aug 2021 18:40
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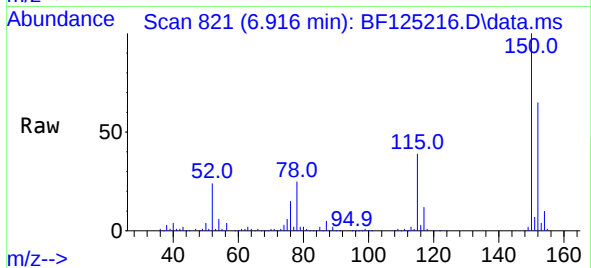
Quant Time: Aug 26 01:36:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

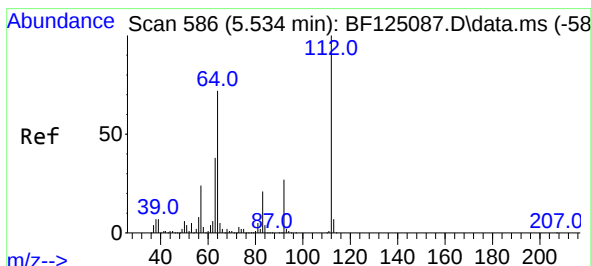
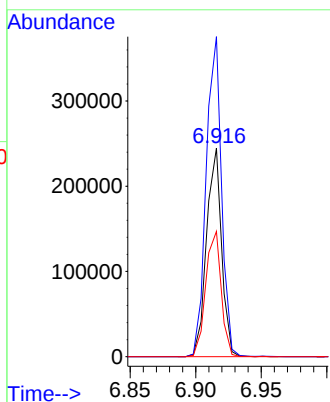
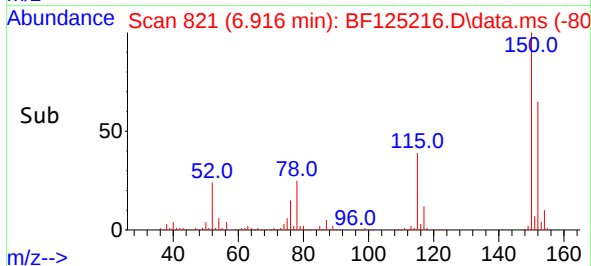
Instrument :
BNA_F
ClientSampleId :
SAMPLE-7-(291.00)



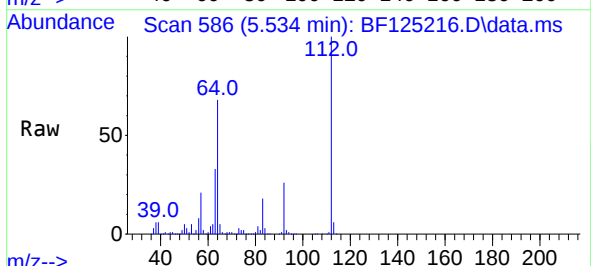
Tgt Ion:152 Resp: 195278
Ion Ratio Lower Upper
152 100
150 153.3 117.6 176.4
115 60.0 47.1 70.7

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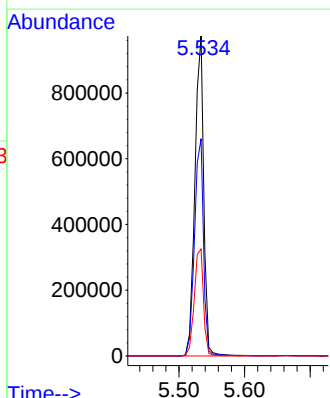
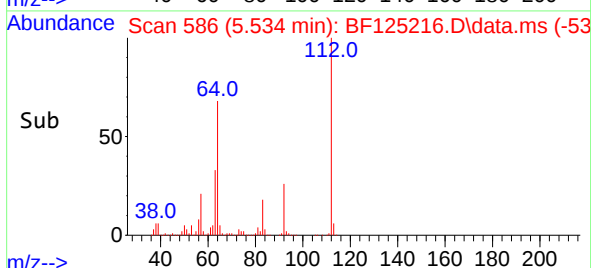
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#5
2-Fluorophenol
Concen: 70.951 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40



Tgt Ion:112 Resp: 915381
Ion Ratio Lower Upper
112 100
64 67.9 44.2 66.2#
63 33.5 26.2 39.2





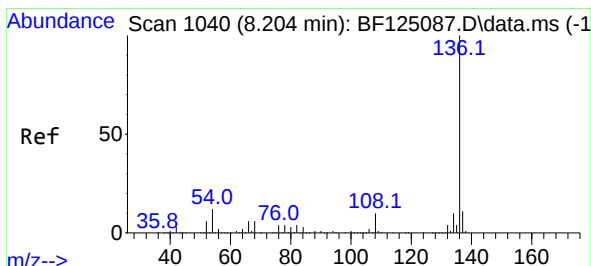
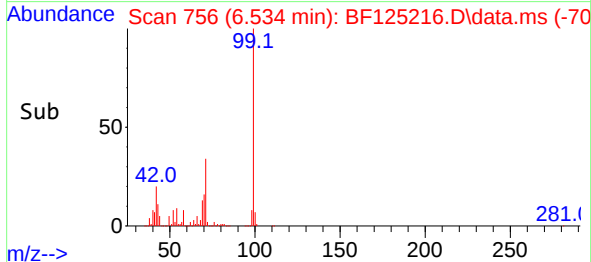
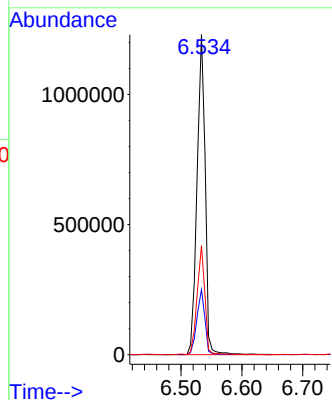
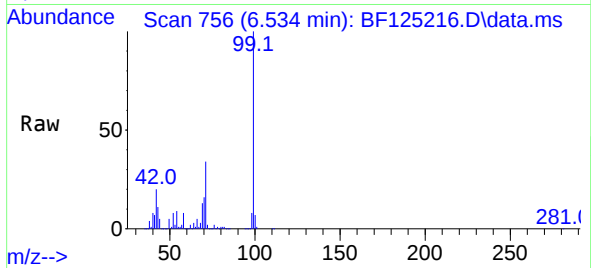
#7
Phenol-d6
Concen: 68.797 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

Tgt Ion: 99 Resp: 1147940
Ion Ratio Lower Upper
99 100
42 20.3 23.5 35.3#
71 34.1 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7-(291.00)

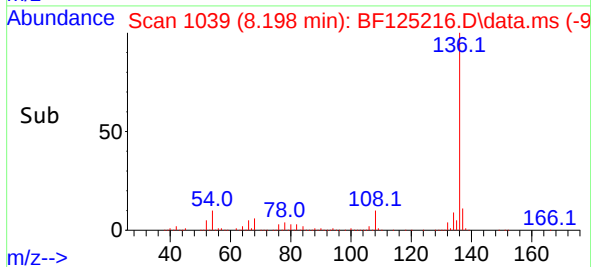
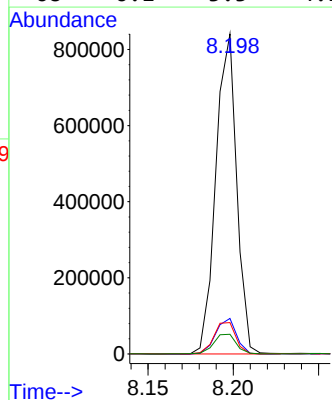
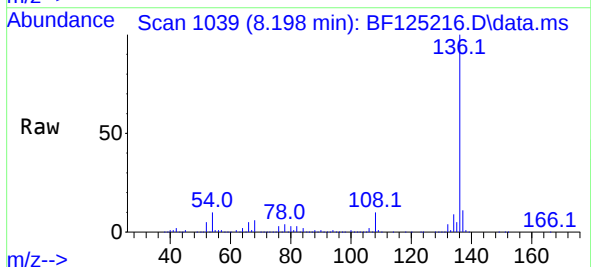
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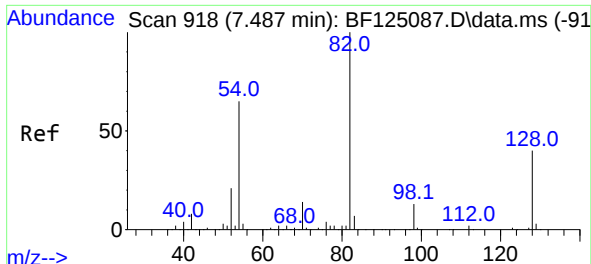
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

Tgt Ion: 136 Resp: 716934
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 9.8 6.4 9.6#
68 6.1 3.3 4.9#





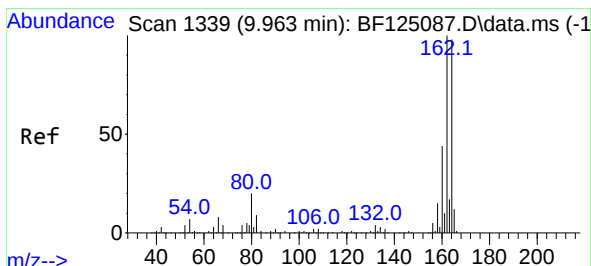
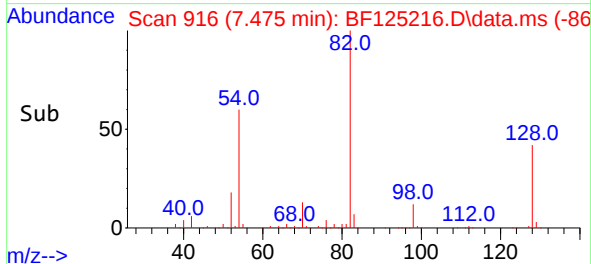
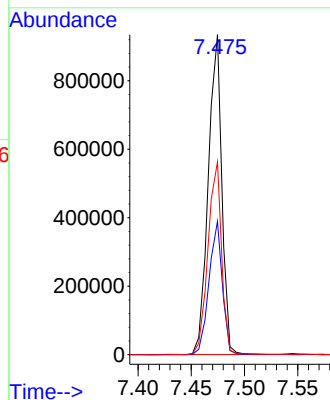
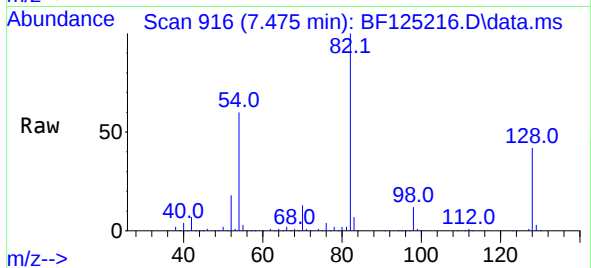
#23
Nitrobenzene-d5
Concen: 58.206 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

Tgt Ion: 82 Resp: 828888
Ion Ratio Lower Upper
82 100
128 41.7 40.6 60.8
54 60.2 49.6 74.4

Instrument :
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ClientSampleId :
SAMPLE-7-(291.00)

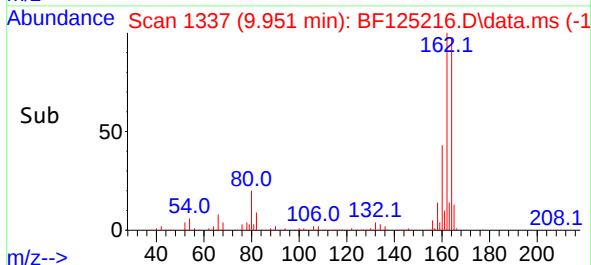
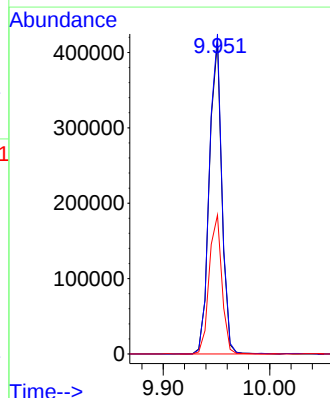
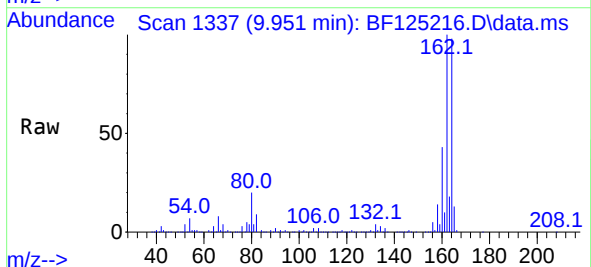
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

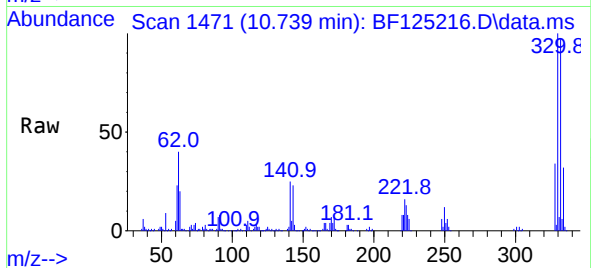
Tgt Ion:164 Resp: 338842
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 44.4 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 69.950 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

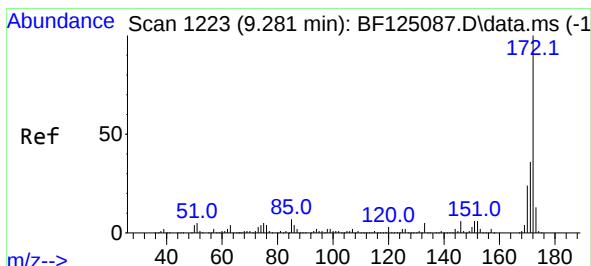
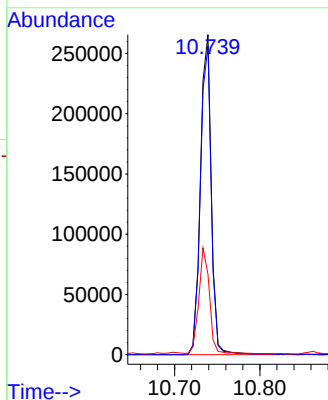
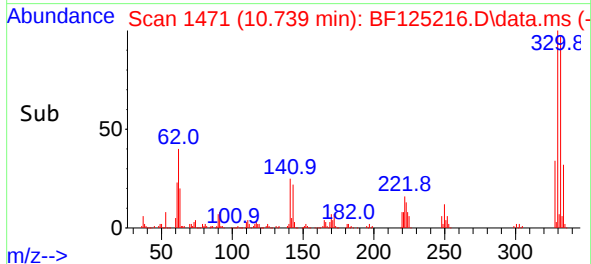
Instrument :
BNA_F
ClientSampleId :
SAMPLE-7-(291.00)



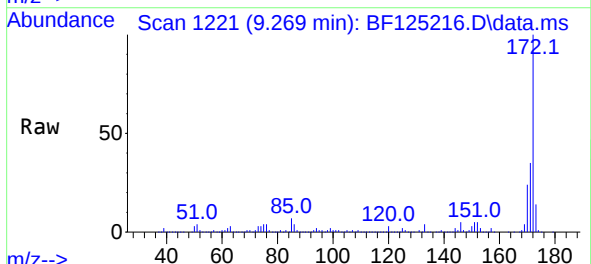
Tgt Ion:330 Resp: 236597
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 32.5 44.6 66.8#

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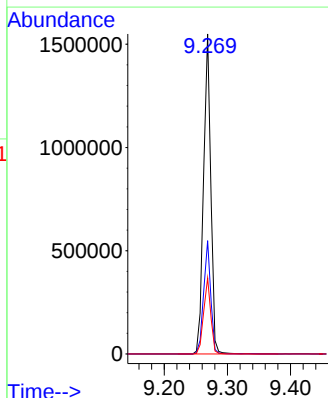
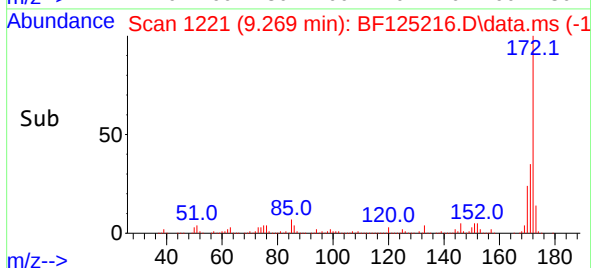
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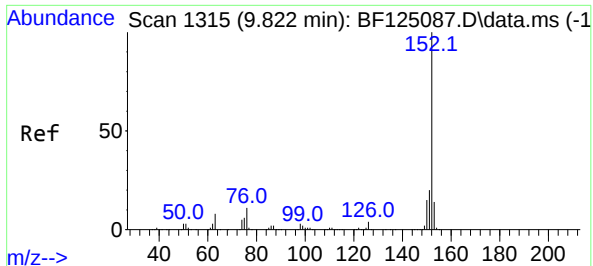


#45
2-Fluorobiphenyl
Concen: 50.995 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40



Tgt Ion:172 Resp: 1239786
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.7 18.8 28.2





#49

Acenaphthylene

Concen: 3.459 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF125216.D

Acq: 25 Aug 2021 18:40

Tgt Ion:	152	Resp:	111897
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.7	23.5
153	13.6	9.8	14.8

Instrument :

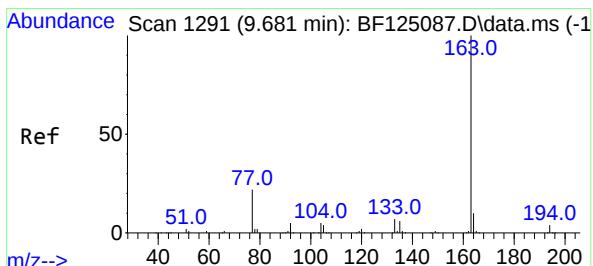
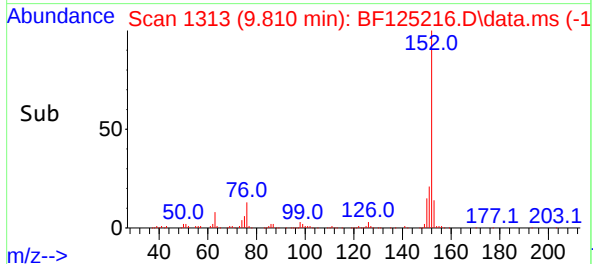
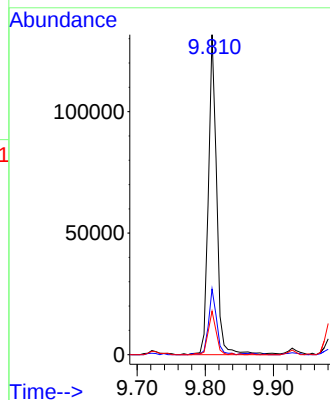
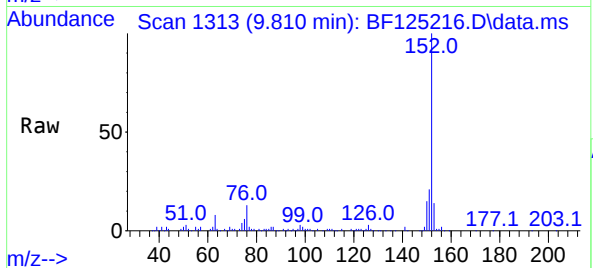
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#50

Dimethylphthalate

Concen: 2.225 ng

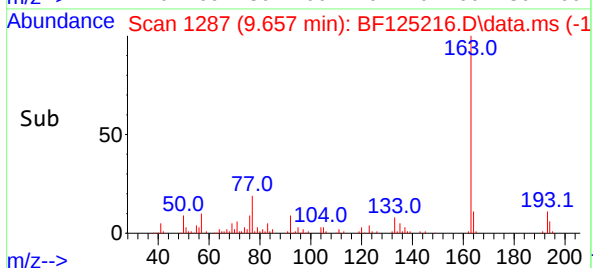
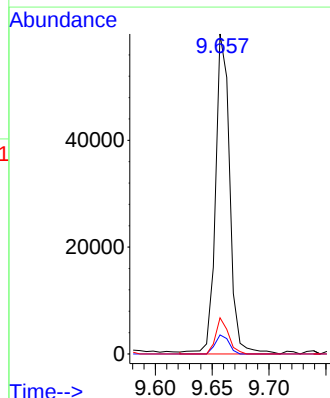
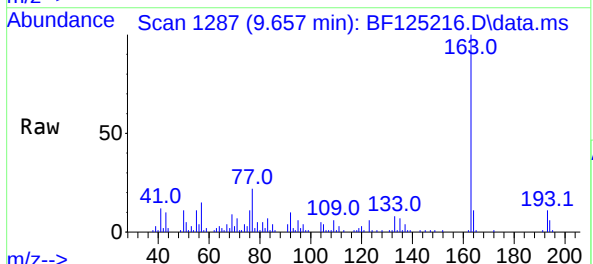
RT: 9.657 min Scan# 1287

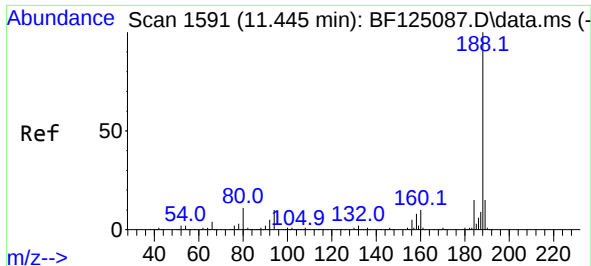
Delta R.T. -0.012 min

Lab File: BF125216.D

Acq: 25 Aug 2021 18:40

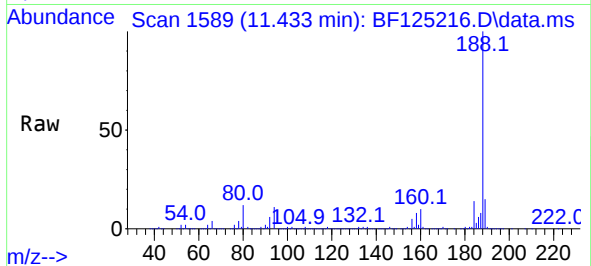
Tgt Ion:	163	Resp:	52237
Ion Ratio	Lower	Upper	
163	100		
194	5.9	2.6	3.8#
164	11.3	7.4	11.0#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

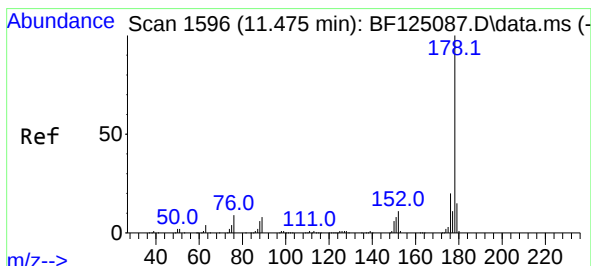
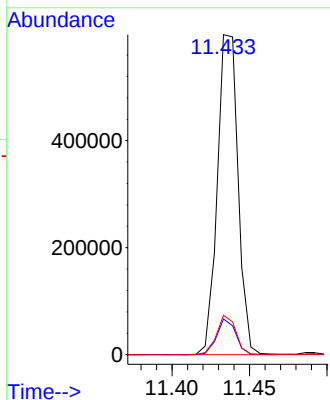
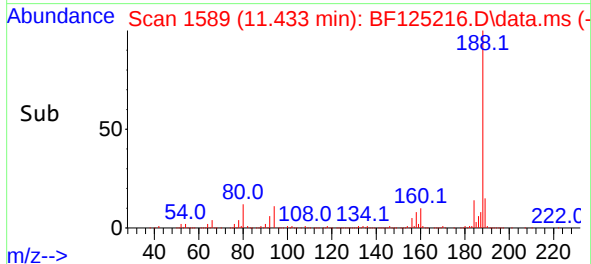
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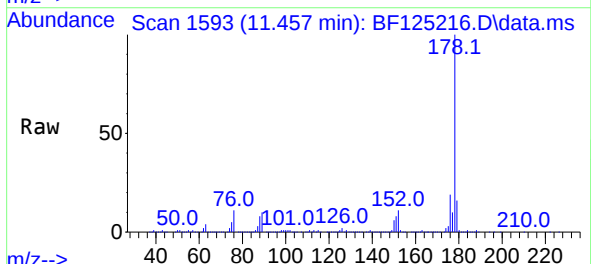
Tgt Ion:188 Resp: 557584
Ion Ratio Lower Upper
188 100
94 11.2 6.7 10.1#
80 12.3 7.5 11.3#

Manual Integrations
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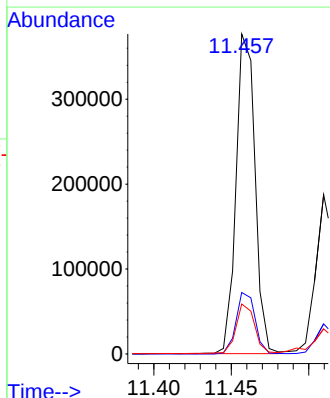
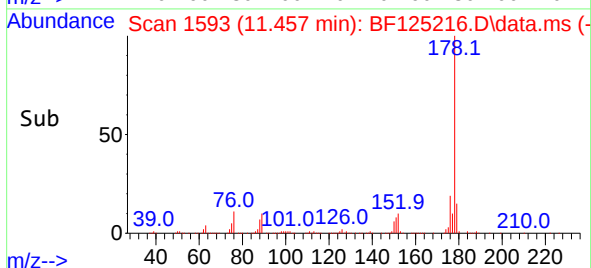
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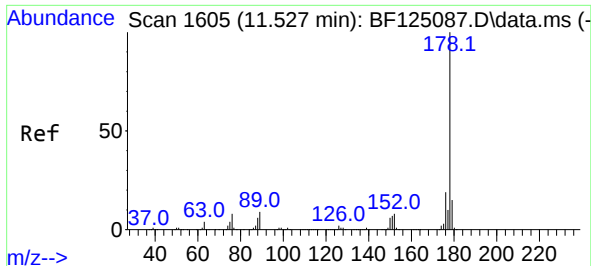


#71
Phenanthrene
Concen: 10.422 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40



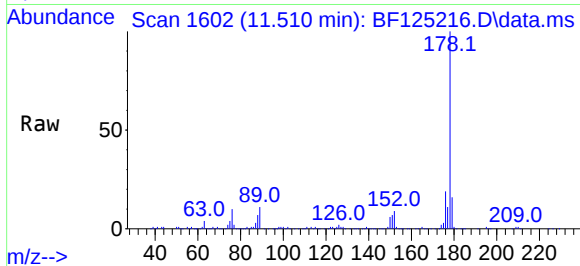
Tgt Ion:178 Resp: 320201
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.6 11.5 17.3





#72
 Anthracene
 Concen: 5.189 ng
 RT: 11.510 min Scan# 1602
 Delta R.T. -0.006 min
 Lab File: BF125216.D
 Acq: 25 Aug 2021 18:40

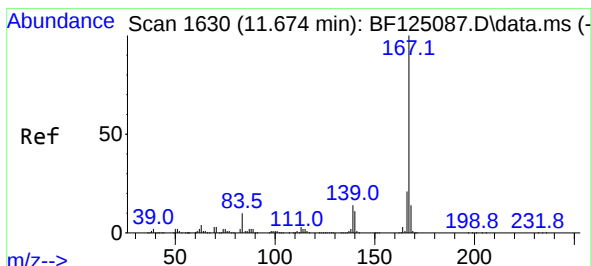
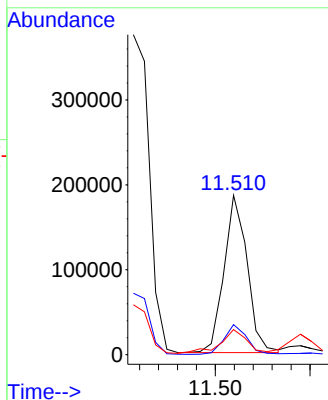
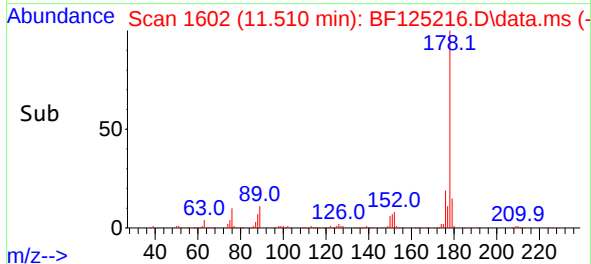
Instrument :
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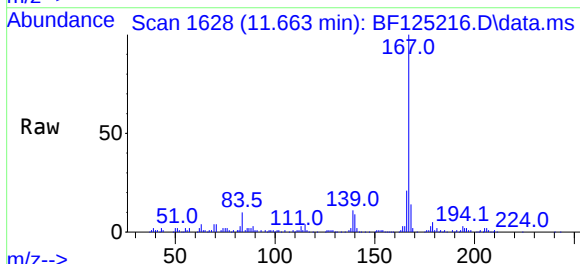
Tgt Ion:178 Resp: 157136
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.3 21.5
 179 15.8 12.2 18.4

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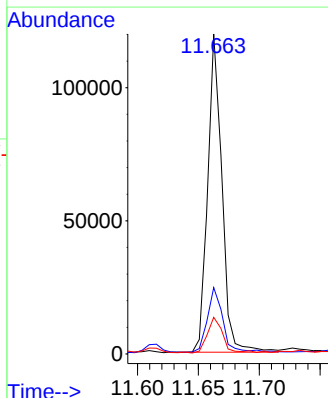
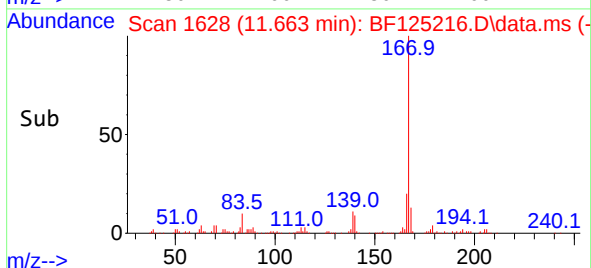
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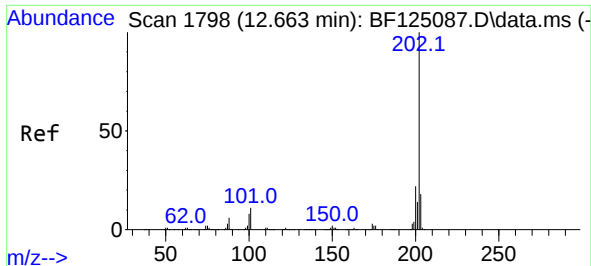


#73
 Carbazole
 Concen: 3.503 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.006 min
 Lab File: BF125216.D
 Acq: 25 Aug 2021 18:40



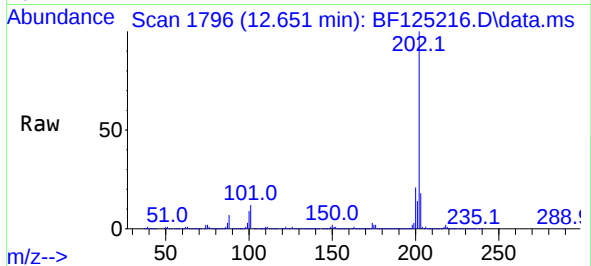
Tgt Ion:167 Resp: 96928
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.4 26.0
 139 11.4 11.0 16.4





#75
Fluoranthene
Concen: 42.831 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

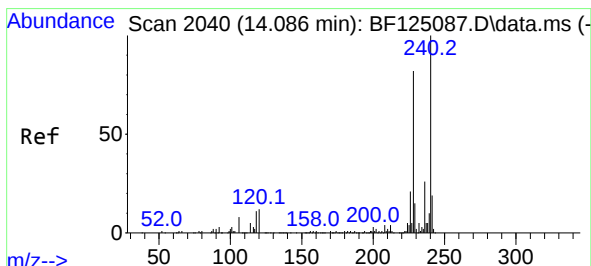
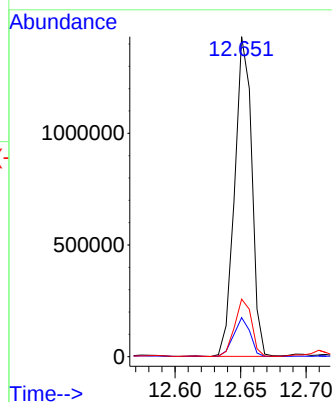
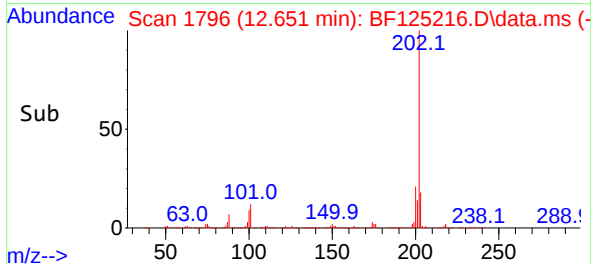
Instrument :
BNA_F
ClientSampleId :
SAMPLE-7-(291.00)



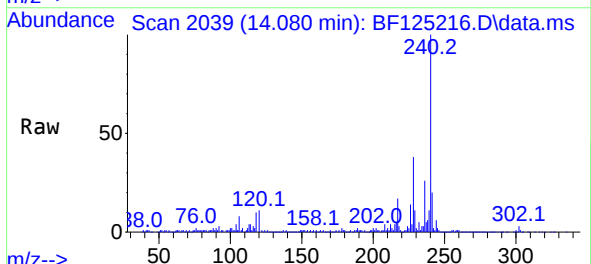
Tgt Ion:202 Resp: 1305691
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.7
203 18.0 0.0 36.3

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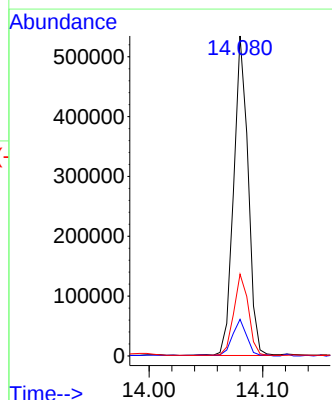
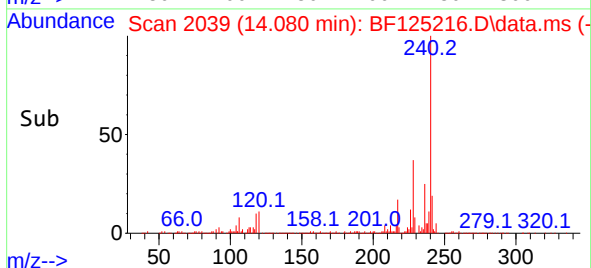
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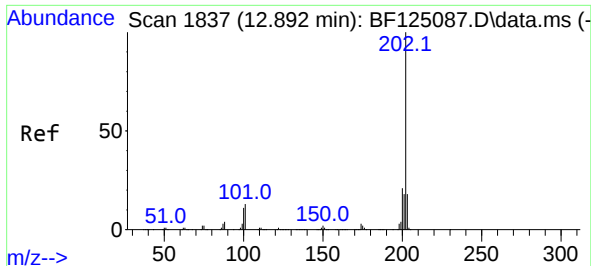


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40



Tgt Ion:240 Resp: 470542
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.5 21.6 32.4





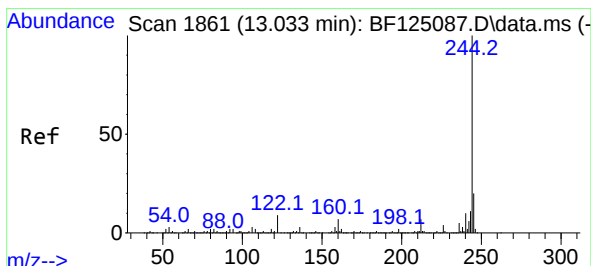
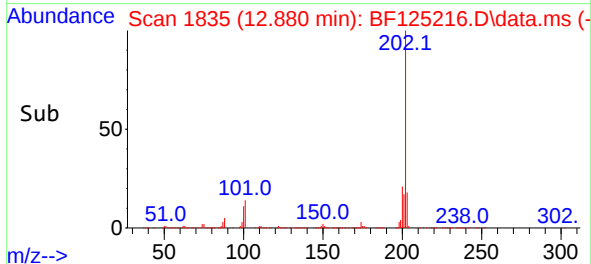
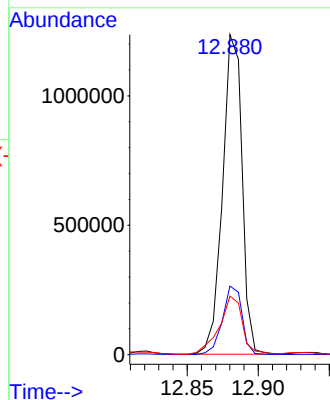
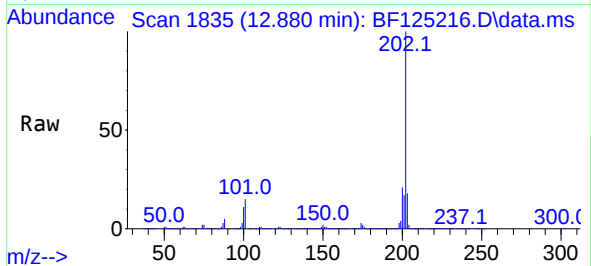
#78
Pyrene
Concen: 29.179 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

Tgt Ion:202 Resp: 1177746
Ion Ratio Lower Upper
202 100
200 21.5 15.3 22.9
203 18.3 13.4 20.0

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7-(291.00)

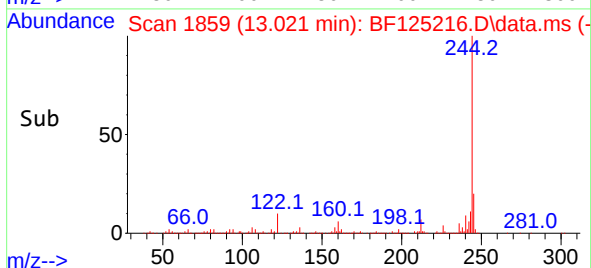
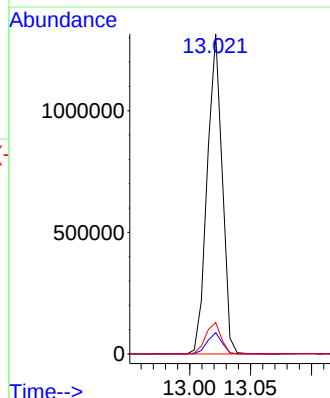
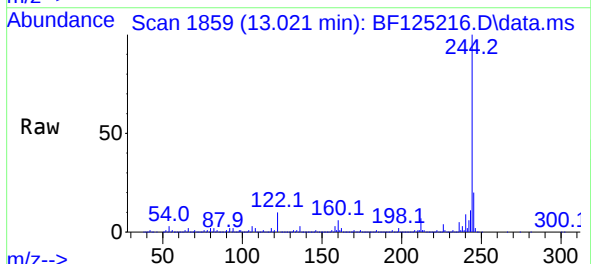
Manual Integrations
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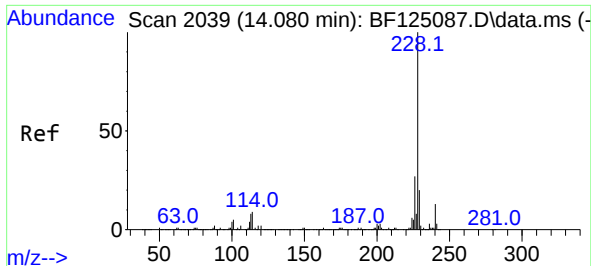
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#79
Terphenyl-d14
Concen: 37.978 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

Tgt Ion:244 Resp: 1121725
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.8 9.0 13.4





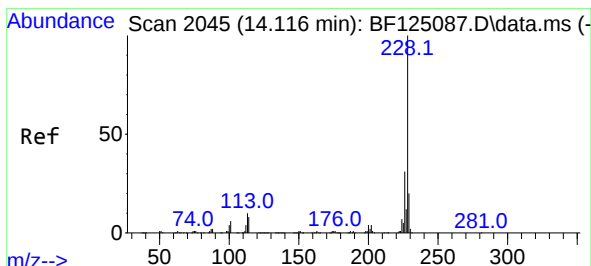
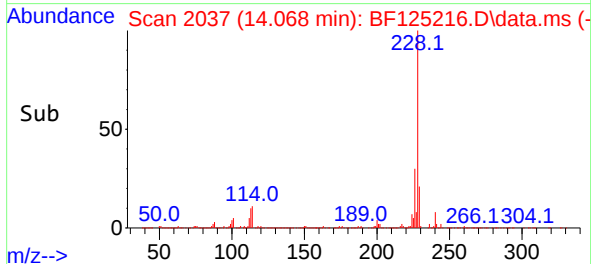
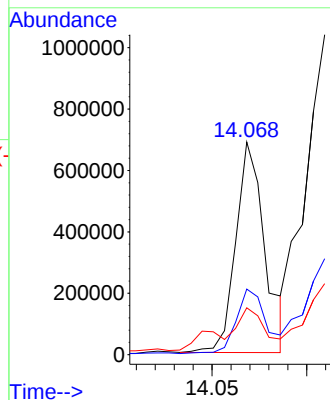
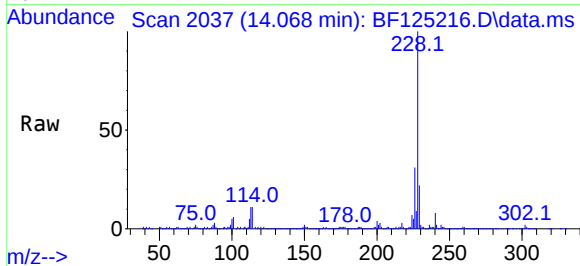
#81
Benzo(a)anthracene
Concen: 21.620 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

Tgt Ion:228 Resp: 732992
Ion Ratio Lower Upper
228 100
226 30.8 21.6 32.4
229 22.1 15.6 23.4

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7-(291.00)

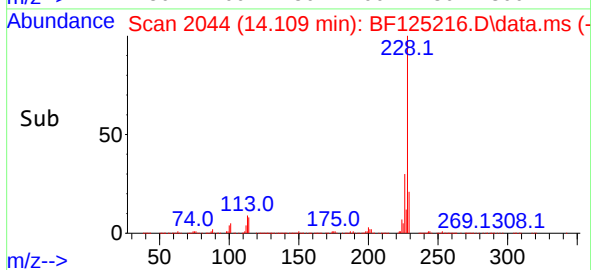
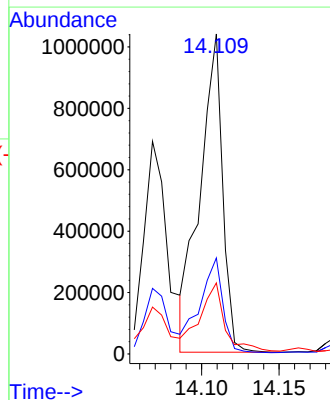
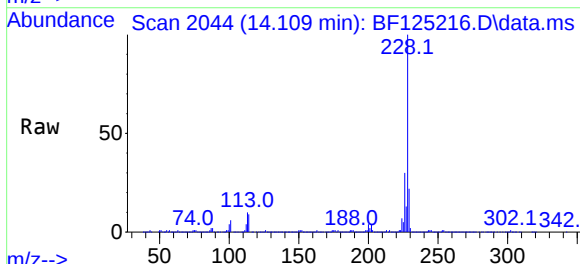
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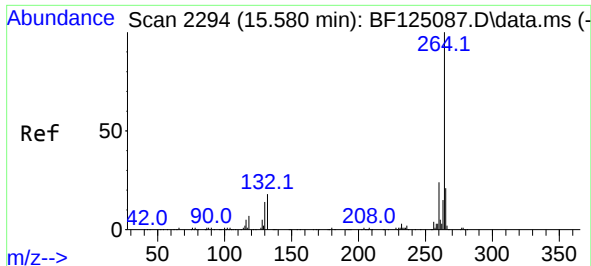
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#83
Chrysene
Concen: 31.458 ng
RT: 14.109 min Scan# 2044
Delta R.T. -0.000 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

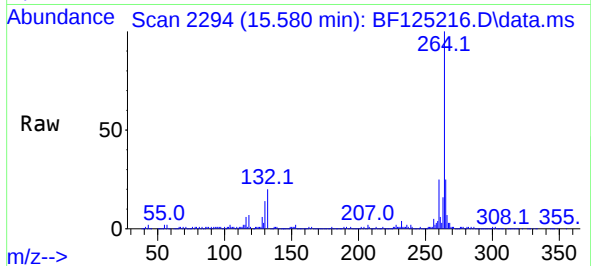
Tgt Ion:228 Resp: 1054720
Ion Ratio Lower Upper
228 100
226 30.0 22.6 34.0
229 22.2 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

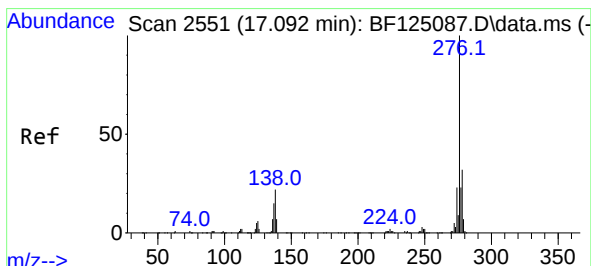
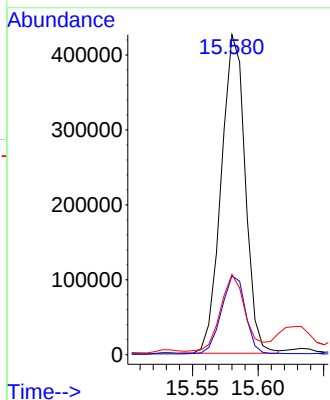
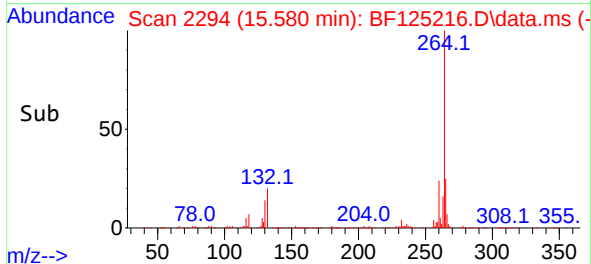
Instrument :
BNA_F
ClientSampleId :
SAMPLE-7-(291.00)



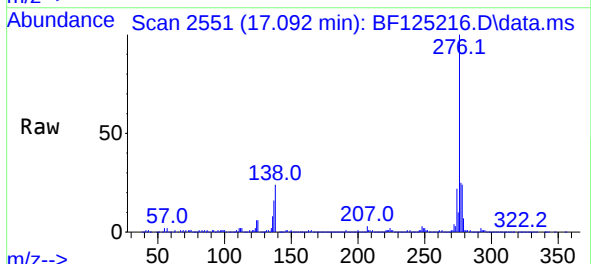
Tgt Ion:264 Resp: 540550
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 25.0 17.2 25.8

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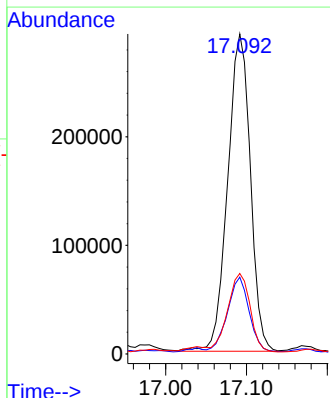
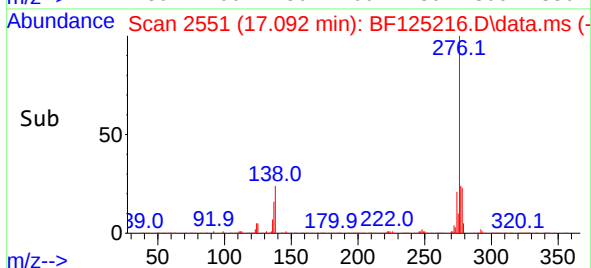
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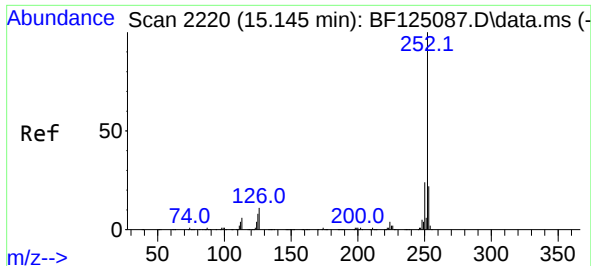


#87
Indeno(1,2,3-cd)pyrene
Concen: 14.607 ng m
RT: 17.092 min Scan# 2551
Delta R.T. -0.000 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40



Tgt Ion:276 Resp: 568846
Ion Ratio Lower Upper
276 100
138 5.8 24.1 36.1#
277 5.7 18.8 28.2#





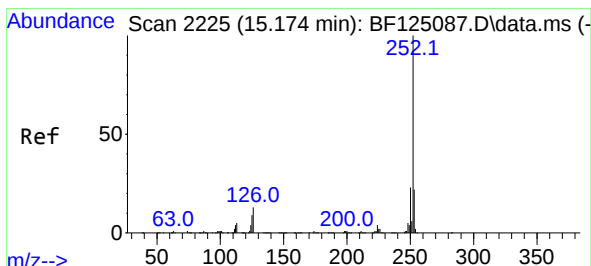
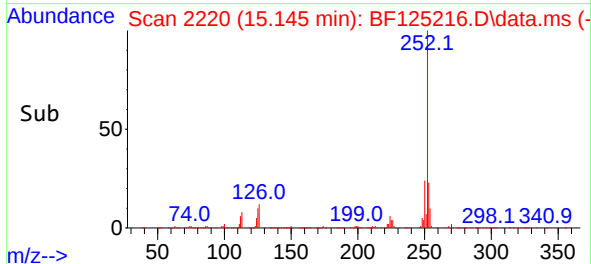
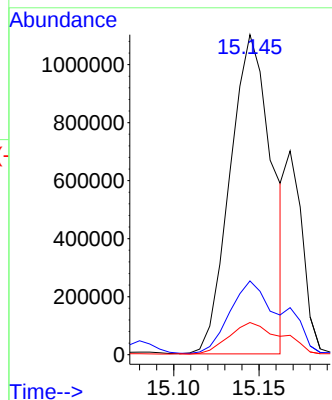
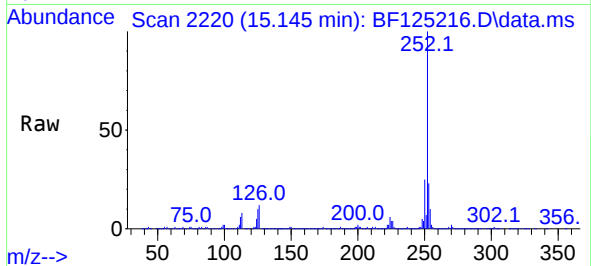
#88
Benzo(b)fluoranthene
Concen: 47.419 ng m
RT: 15.145 min Scan# 2220
Delta R.T. 0.012 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

Tgt Ion:252 Resp: 1872666
Ion Ratio Lower Upper
252 100
253 23.1 16.8 25.2
125 10.1 9.8 14.8

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7-(291.00)

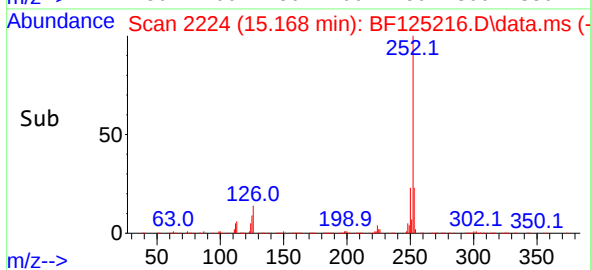
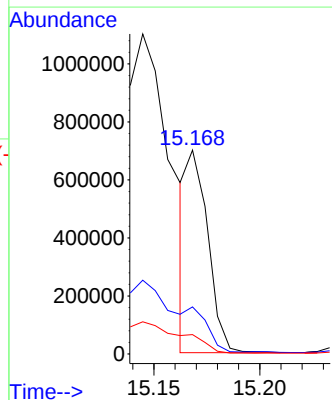
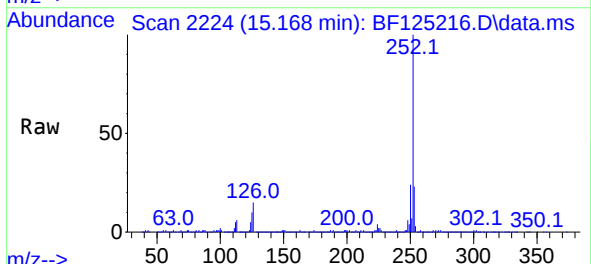
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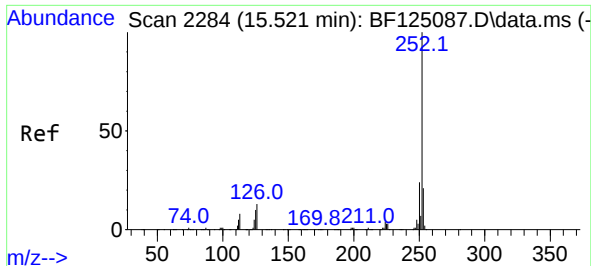
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#89
Benzo(k)fluoranthene
Concen: 12.968 ng m
RT: 15.168 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

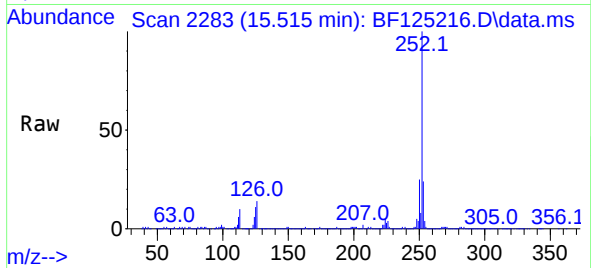
Tgt Ion:252 Resp: 477879
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 9.5 7.2 10.8





#90
Benzo(a)pyrene
Concen: 21.501 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

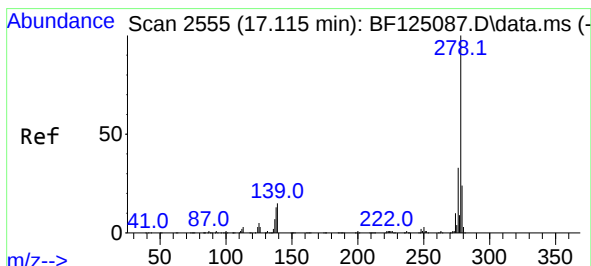
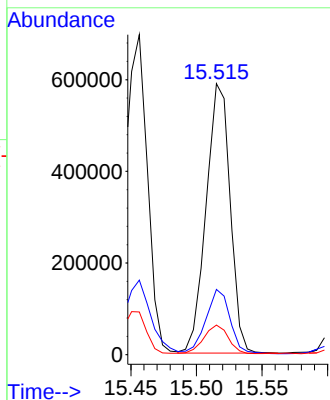
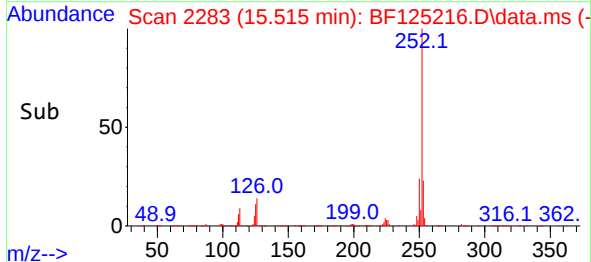
Instrument :
BNA_F
ClientSampleId :
SAMPLE-7-(291.00)



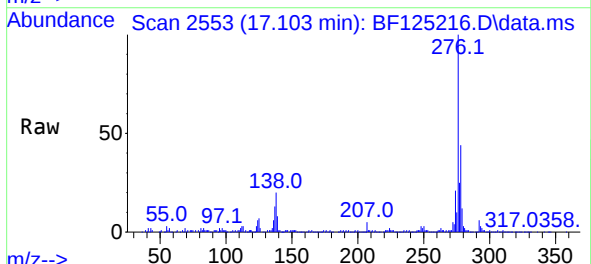
Tgt Ion:252 Resp: 750036
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 10.9 9.9 14.9

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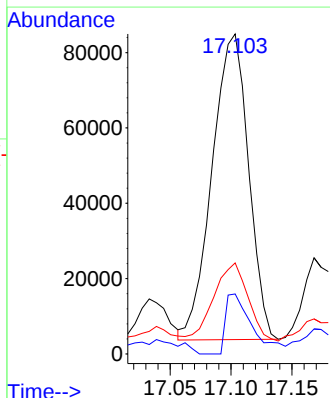
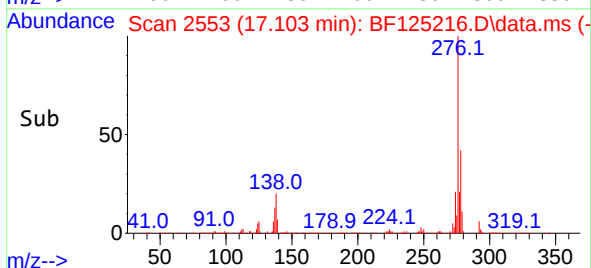
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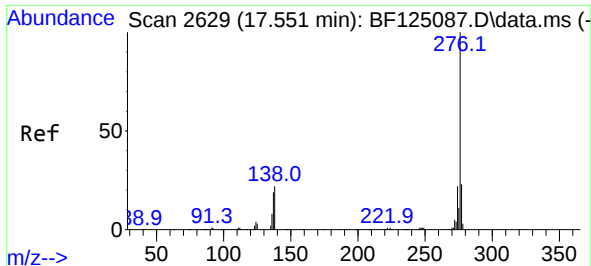


#91
Dibenzo(a,h)anthracene
Concen: 5.018 ng
RT: 17.103 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40



Tgt Ion:278 Resp: 168900
Ion Ratio Lower Upper
278 100
139 18.8 14.9 22.3
279 28.4 19.7 29.5





#92
Benzo(g,h,i)perylene
Concen: 14.187 ng
RT: 17.550 min Scan# 2629
Delta R.T. -0.000 min
Lab File: BF125216.D
Acq: 25 Aug 2021 18:40

Tgt Ion: 276 Resp: 460472
Ion Ratio Lower Upper
276 100
277 23.8 22.0 33.0
138 22.2 22.2 33.4

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7-(291.00)

Manual Integrations
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