

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125213.D
 Acq On : 25 Aug 2021 16:58
 Operator : JU/CG
 Sample : M3467-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-3-(171.00)

Manual Integrations
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 8/26/2021 11:39:51 AM

Quant Time: Aug 25 17:58:06 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	137584	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	510242	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	329297	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	404881	20.000	ng	0.00
76) Chrysene-d12	14.080	240	311612	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	360127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	675595	74.324	ng	0.00
7) Phenol-d6	6.534	99	848482	72.174	ng	0.00
23) Nitrobenzene-d5	7.475	82	618676	61.043	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	225571	68.623	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1013316	42.888	ng	0.00
79) Terphenyl-d14	13.021	244	890425	45.522	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.810	152	83965	2.671	ng	100
71) Phenanthrene	11.457	178	65315	2.928	ng	98
72) Anthracene	11.510	178	86205	3.920	ng	98
73) Carbazole	11.663	167	58339	2.903	ng	97
75) Fluoranthene	12.651	202	440661	19.907	ng	97
78) Pyrene	12.880	202	487098	18.223	ng	97
81) Benzo(a)anthracene	14.068	228	263230m	11.724	ng	
83) Chrysene	14.104	228	430262	19.378	ng	97
87) Indeno(1,2,3-cd)pyrene	17.086	276	319311	12.308	ng	# 87
88) Benzo(b)fluoranthene	15.139	252	906329m	34.448	ng	
89) Benzo(k)fluoranthene	15.162	252	266806m	10.867	ng	
90) Benzo(a)pyrene	15.515	252	308068m	13.256	ng	
91) Dibenzo(a,h)anthracene	17.098	278	82428	3.676	ng	94
92) Benzo(g,h,i)perylene	17.545	276	274510	12.695	ng	# 87

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

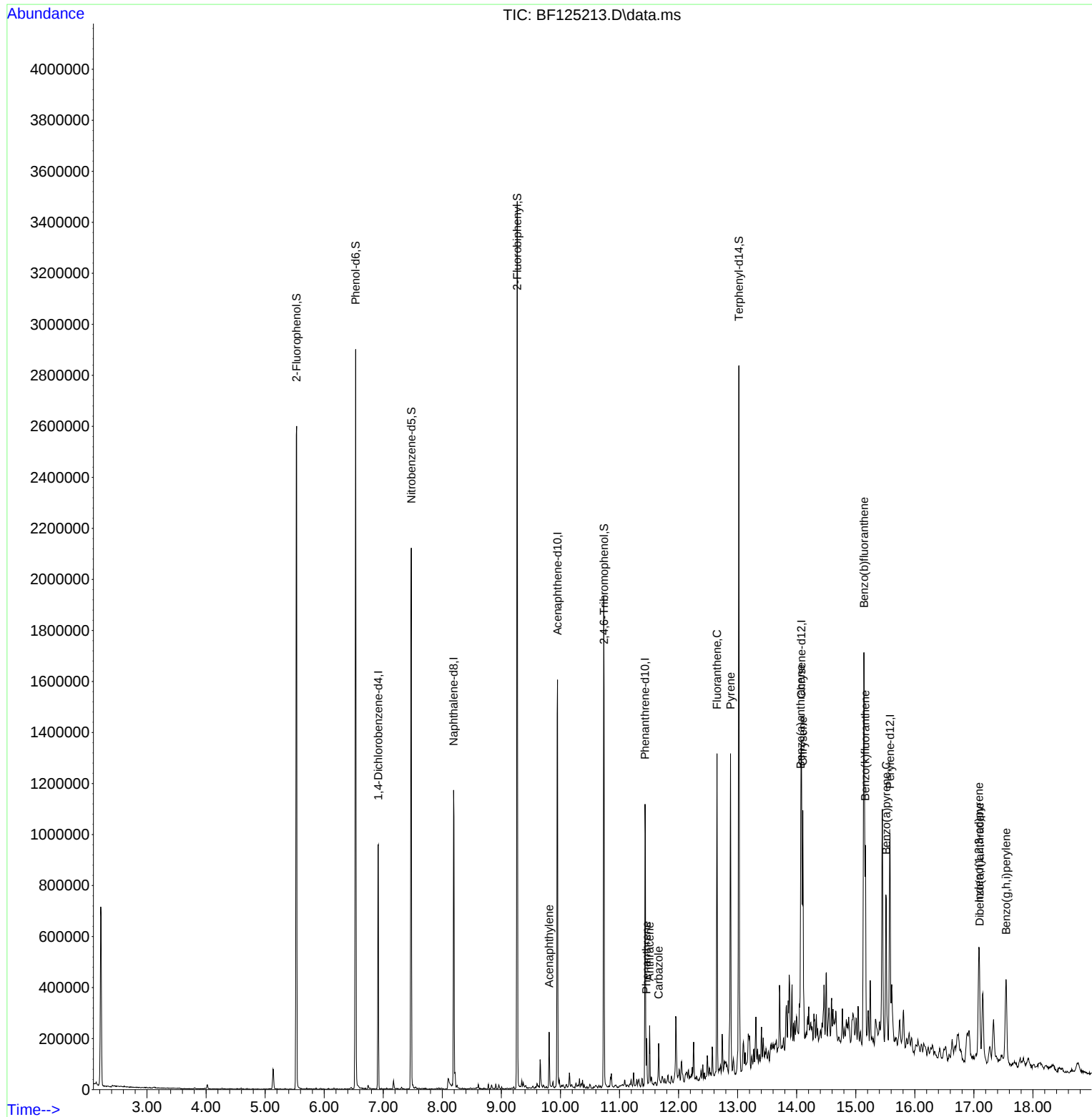
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
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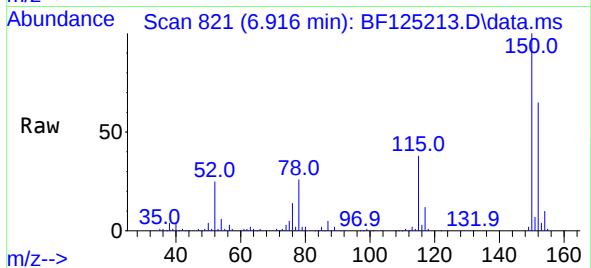
Quant Time: Aug 25 17:58:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

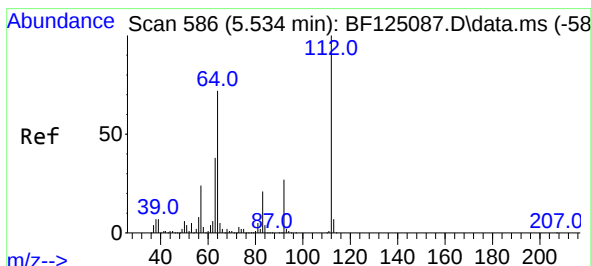
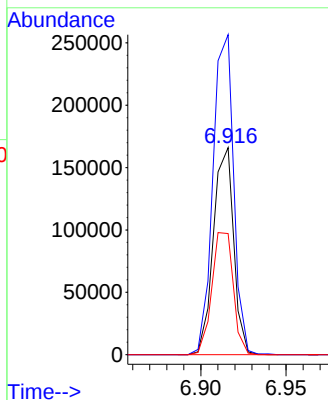
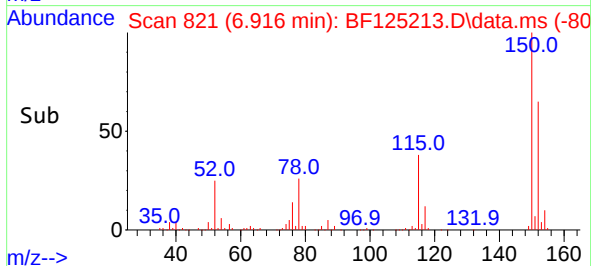
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-(171.00)



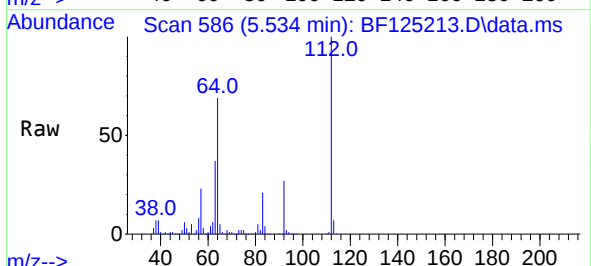
Tgt Ion:152 Resp: 137584
Ion Ratio Lower Upper
152 100
150 154.5 117.6 176.4
115 58.5 47.1 70.7

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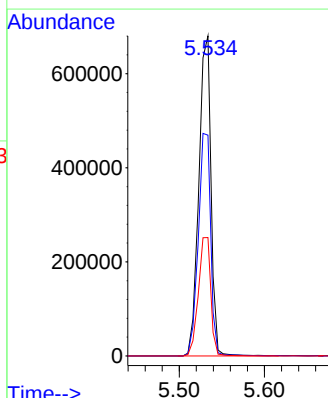
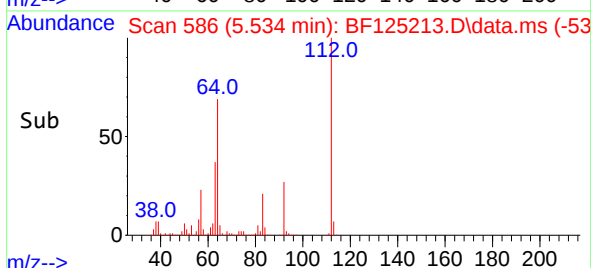
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#5
2-Fluorophenol
Concen: 74.324 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58



Tgt Ion:112 Resp: 675595
Ion Ratio Lower Upper
112 100
64 69.0 44.2 66.2#
63 37.0 26.2 39.2





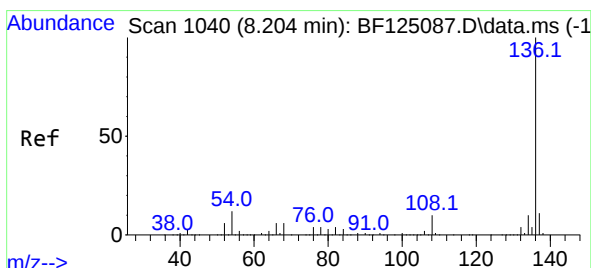
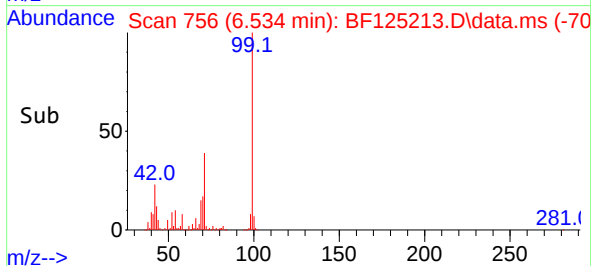
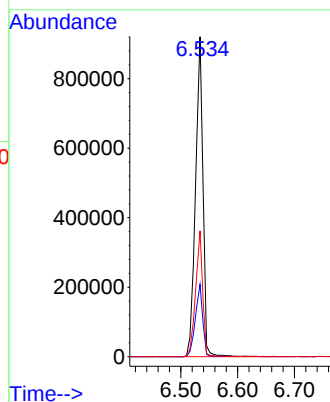
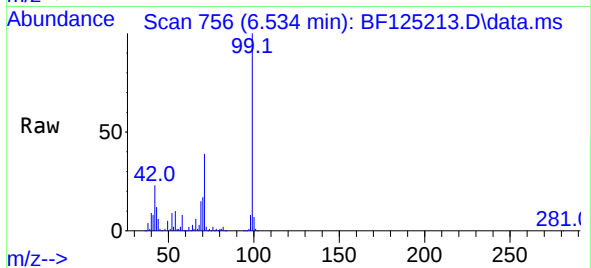
#7
Phenol-d6
Concen: 72.174 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

Tgt Ion: 99 Resp: 848482
Ion Ratio Lower Upper
99 100
42 22.6 23.5 35.3#
71 39.3 25.6 38.4#

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-(171.00)

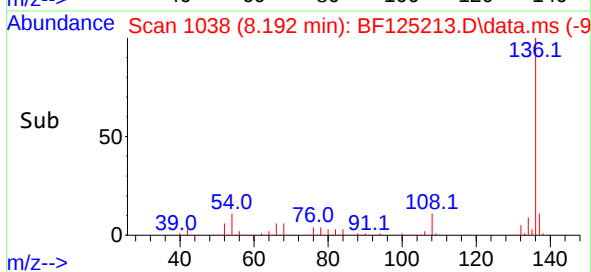
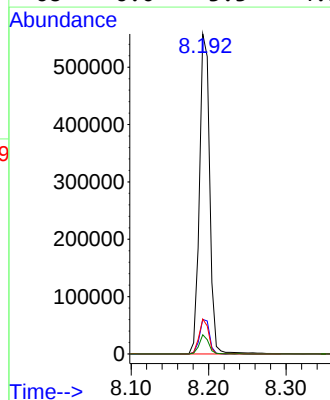
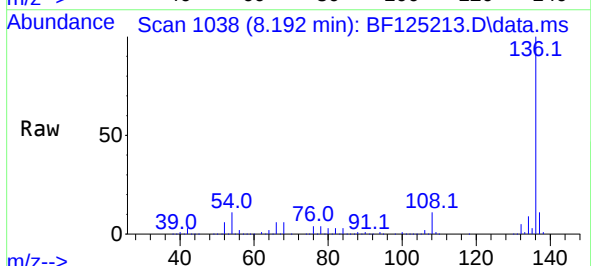
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

Tgt Ion: 136 Resp: 510242
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.9 6.4 9.6#
68 6.0 3.3 4.9#





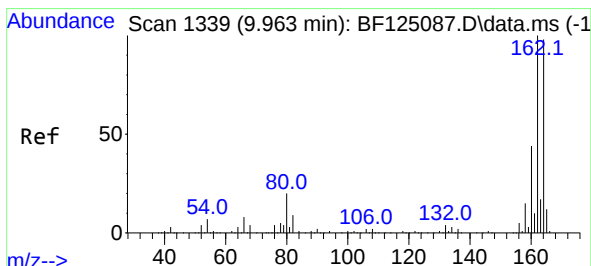
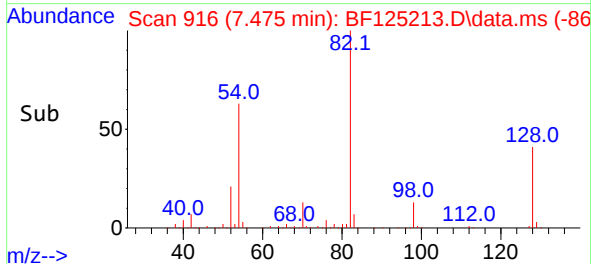
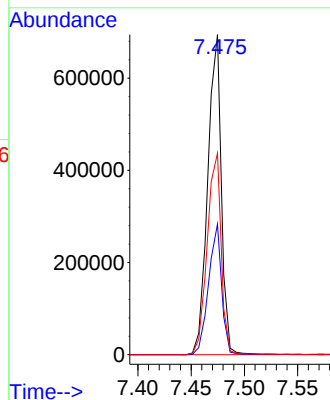
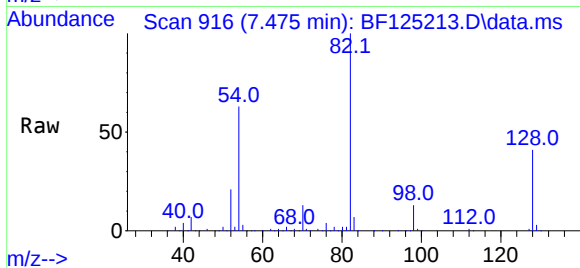
#23
Nitrobenzene-d5
Concen: 61.043 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

Tgt Ion: 82 Resp: 618676
Ion Ratio Lower Upper
82 100
128 40.8 40.6 60.8
54 62.9 49.6 74.4

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-(171.00)

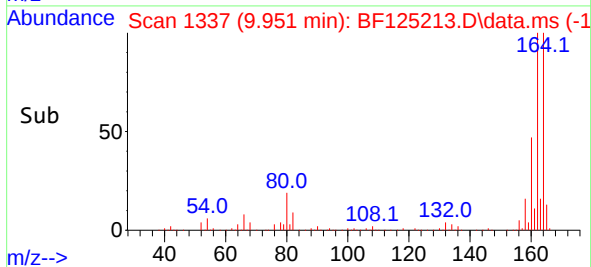
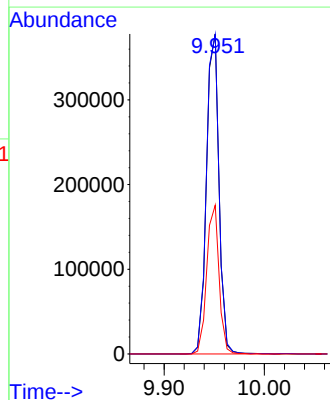
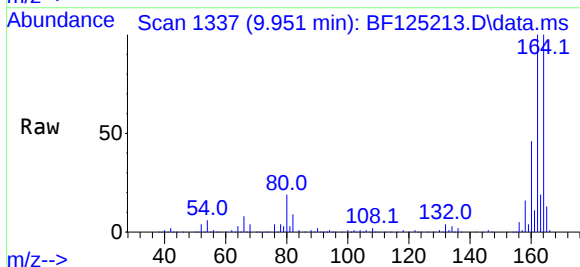
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

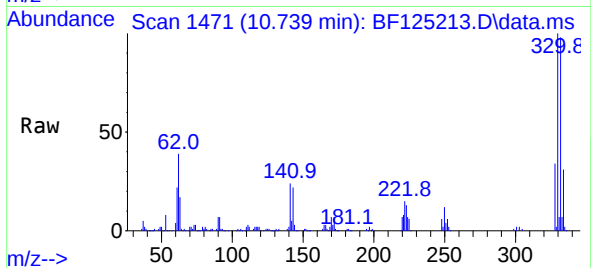
Tgt Ion:164 Resp: 329297
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 46.5 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 68.623 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

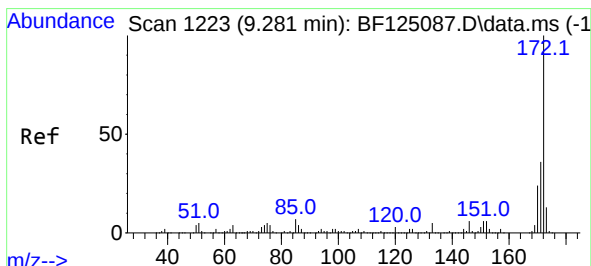
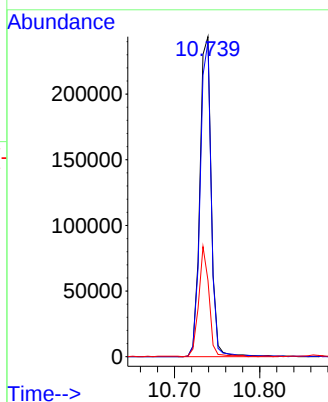
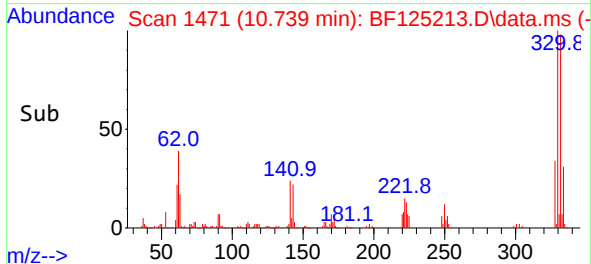
Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-(171.00)



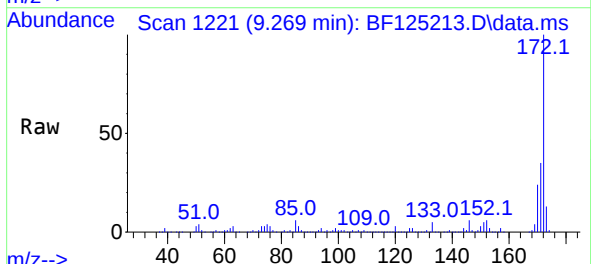
Tgt Ion: 330 Resp: 225571
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 31.4 44.6 66.8#

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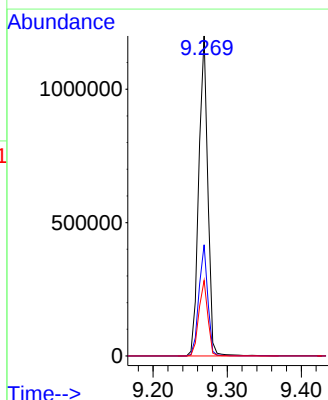
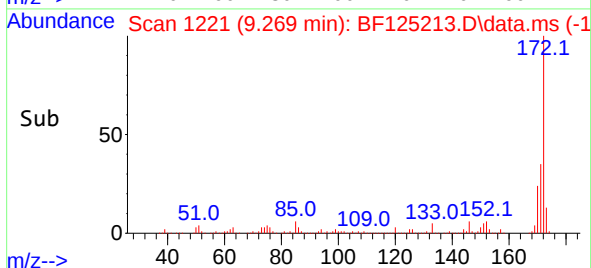
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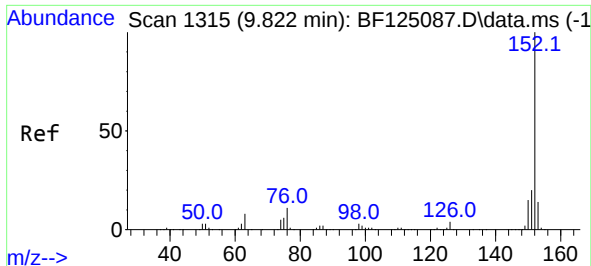


#45
2-Fluorobiphenyl
Concen: 42.888 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58



Tgt Ion: 172 Resp: 1013316
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.6 18.8 28.2





#49

Acenaphthylene

Concen: 2.671 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF125213.D

Acq: 25 Aug 2021 16:58

Tgt Ion:152	Resp:	83965
Ion Ratio	Lower	Upper
152	100	
151	19.4	15.7 23.5
153	12.3	9.8 14.8

Instrument :

BNA_F

ClientSampleId :

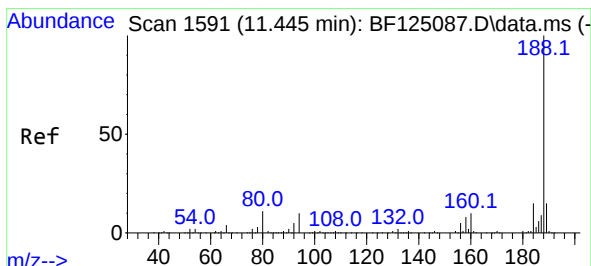
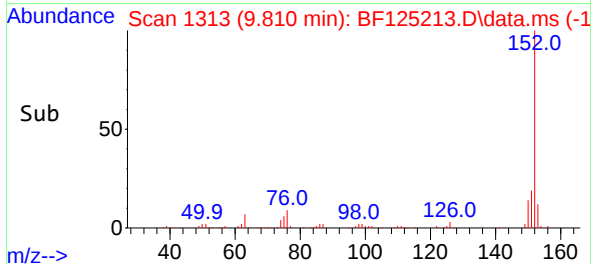
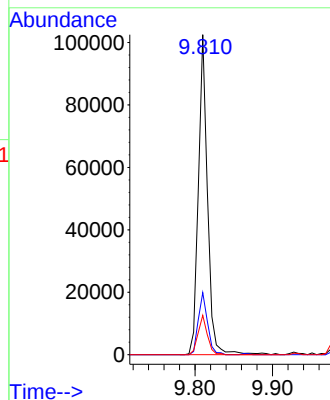
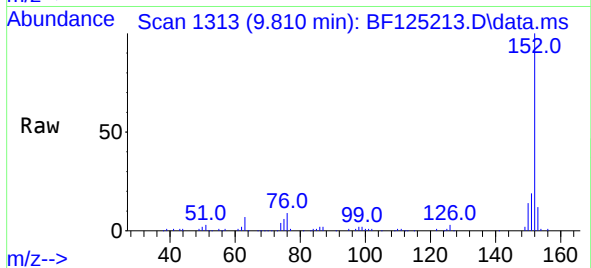
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#64

Phenanthrene-d10

Concen: 20.000 ng

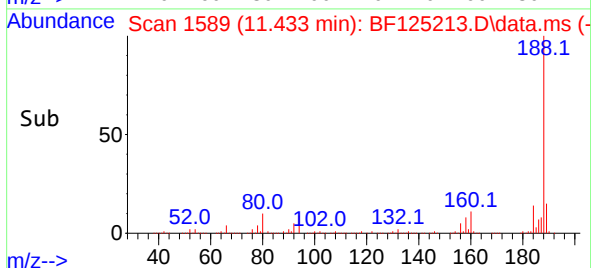
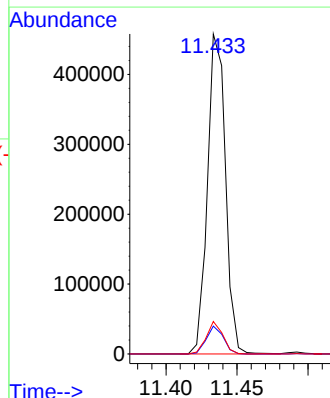
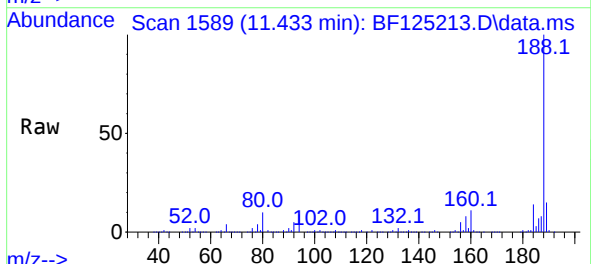
RT: 11.433 min Scan# 1589

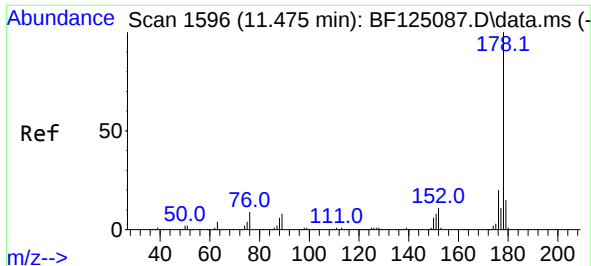
Delta R.T. -0.006 min

Lab File: BF125213.D

Acq: 25 Aug 2021 16:58

Tgt Ion:188	Resp:	404881
Ion Ratio	Lower	Upper
188	100	
94	8.7	6.7 10.1
80	10.2	7.5 11.3





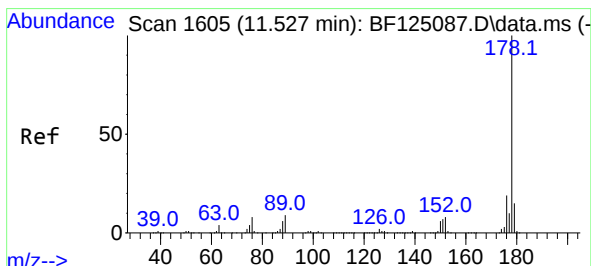
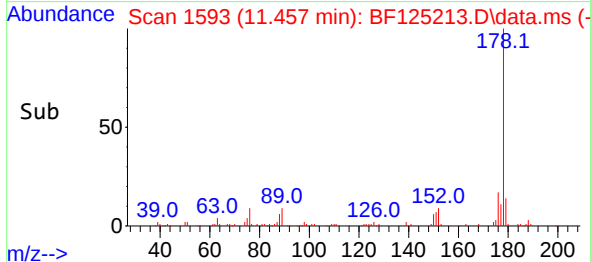
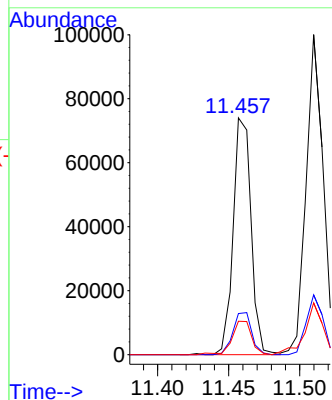
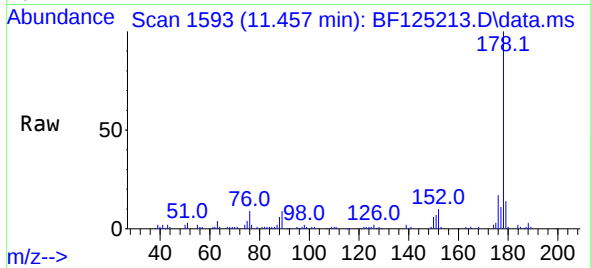
#71
Phenanthrene
Concen: 2.928 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

Tgt Ion:178 Resp: 65315
Ion Ratio Lower Upper
178 100
176 17.4 14.7 22.1
179 14.1 11.5 17.3

Instrument :
BNA_F
ClientSampleId :
SAMPLE-3-(171.00)

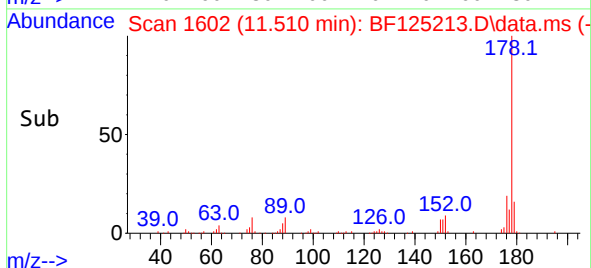
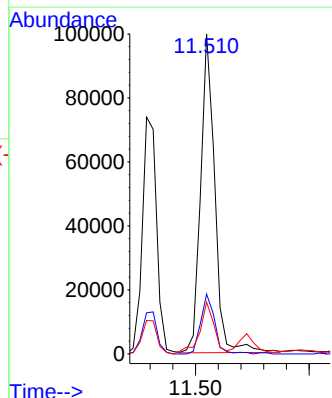
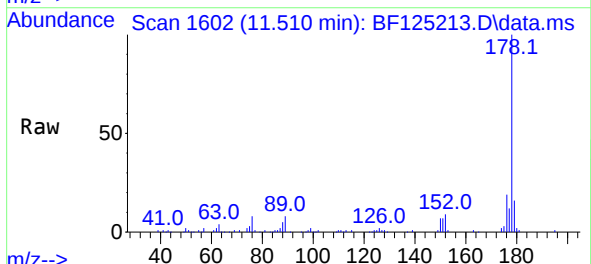
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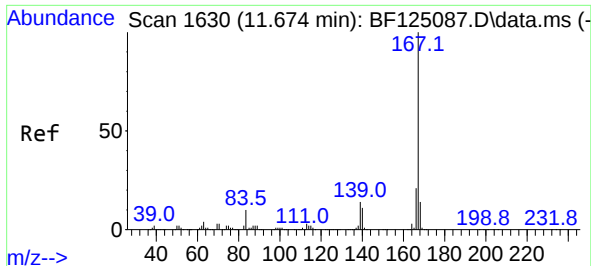
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#72
Anthracene
Concen: 3.920 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

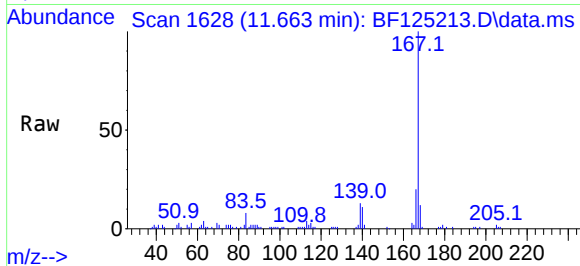
Tgt Ion:178 Resp: 86205
Ion Ratio Lower Upper
178 100
176 18.7 14.3 21.5
179 16.2 12.2 18.4





#73
Carbazole
Concen: 2.903 ng
RT: 11.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

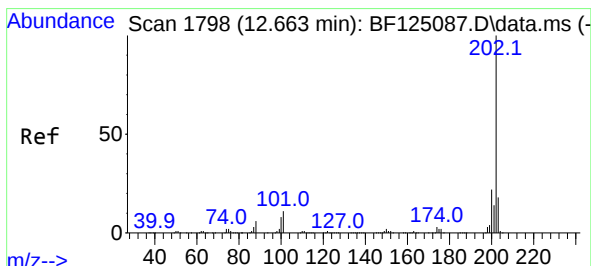
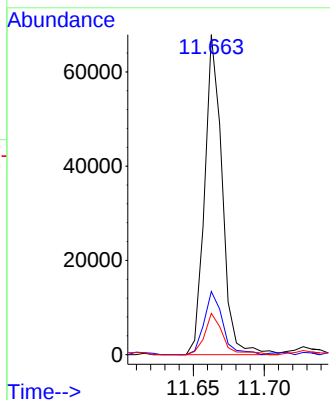
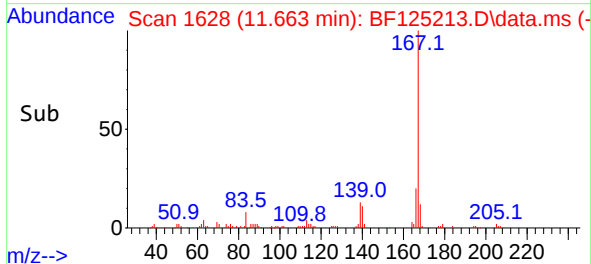
Instrument :
BNA_F
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SAMPLE-3-(171.00)



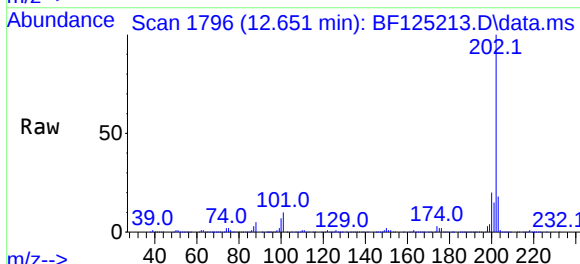
Tgt Ion:167 Resp: 58339
Ion Ratio Lower Upper
167 100
166 19.8 17.4 26.0
139 12.9 11.0 16.4

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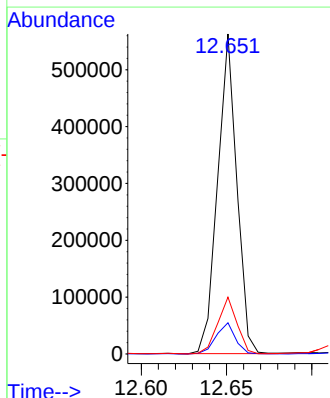
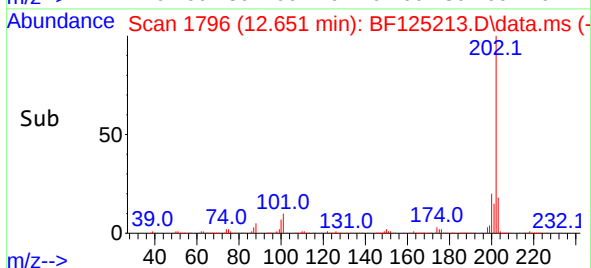
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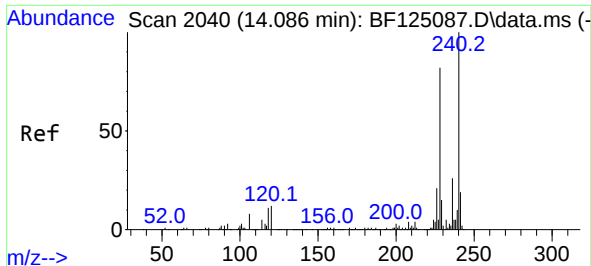


#75
Fluoranthene
Concen: 19.907 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58



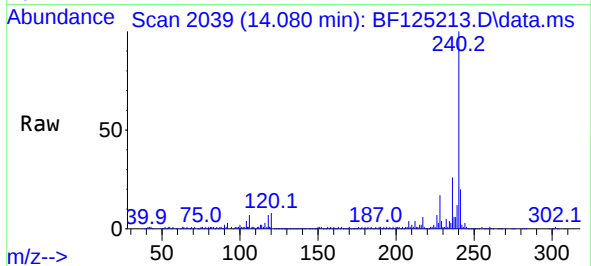
Tgt Ion:202 Resp: 440661
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.7
203 17.8 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

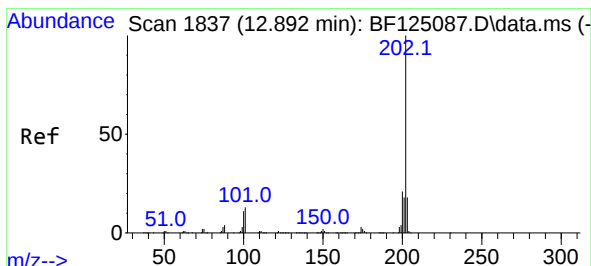
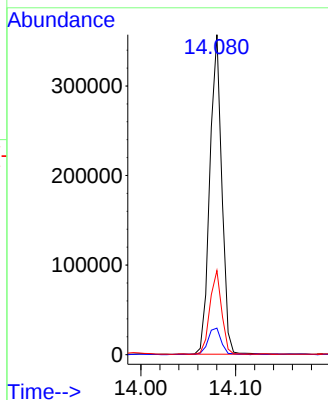
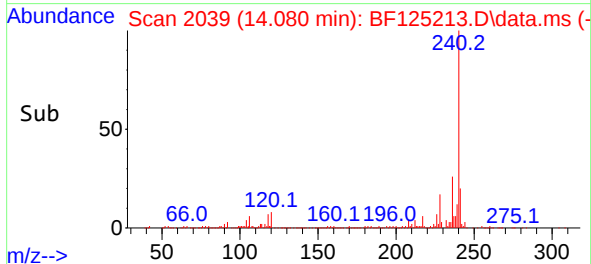
Instrument :
BNA_F
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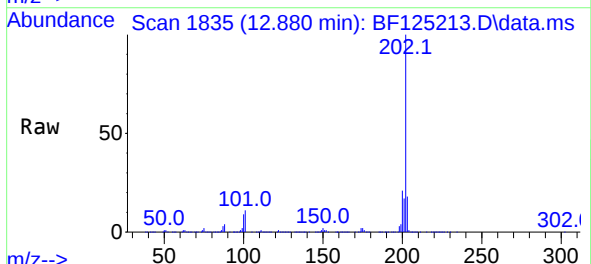
Tgt Ion:240 Resp: 311612
Ion Ratio Lower Upper
240 100
120 8.3 10.8 16.2#
236 26.3 21.6 32.4

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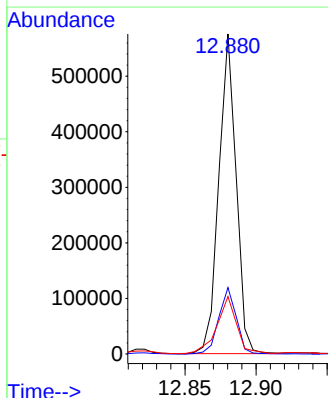
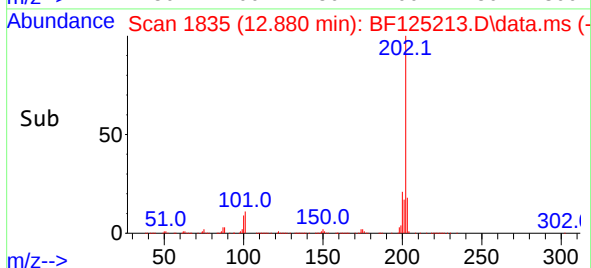
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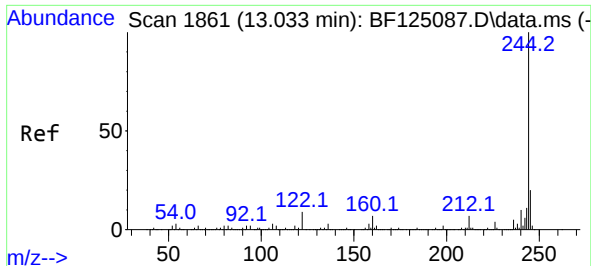


#78
Pyrene
Concen: 18.223 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58



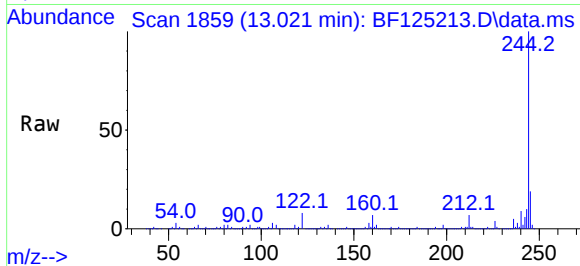
Tgt Ion:202 Resp: 487098
Ion Ratio Lower Upper
202 100
200 20.8 15.3 22.9
203 18.0 13.4 20.0





#79
Terphenyl-d14
Concen: 45.522 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

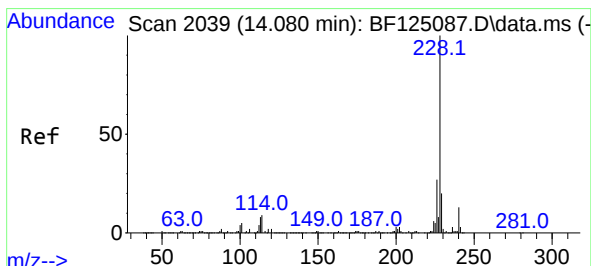
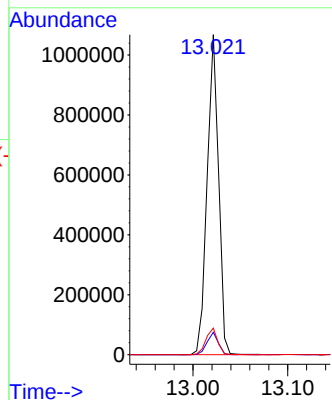
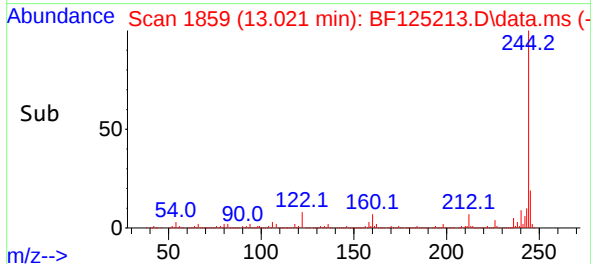
Instrument :
BNA_F
ClientSampleId :
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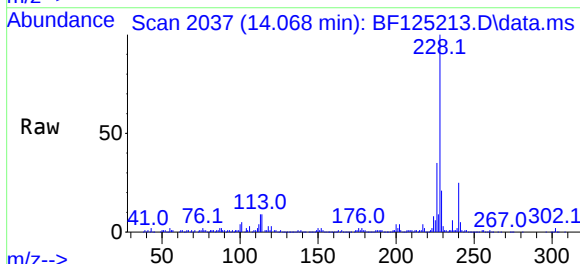
Tgt Ion:244 Resp: 890425
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.3 9.0 13.4#

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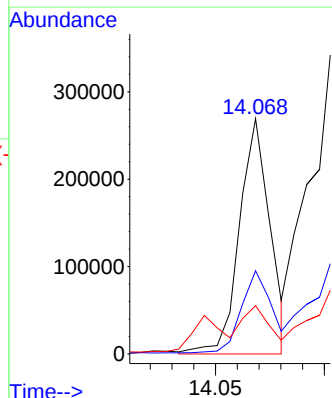
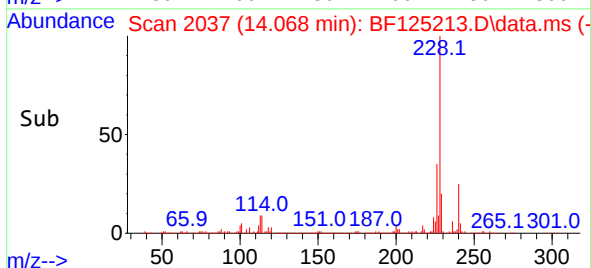
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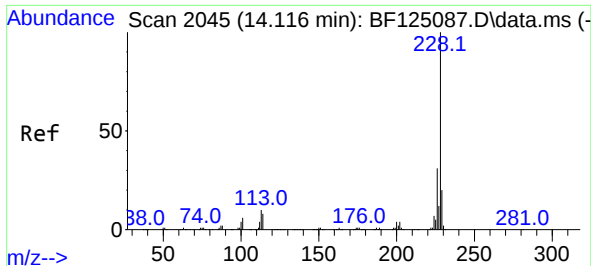


#81
Benzo(a)anthracene
Concen: 11.724 ng m
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125213.D
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Tgt Ion:228 Resp: 263230
Ion Ratio Lower Upper
228 100
226 35.3 21.6 32.4#
229 20.6 15.6 23.4





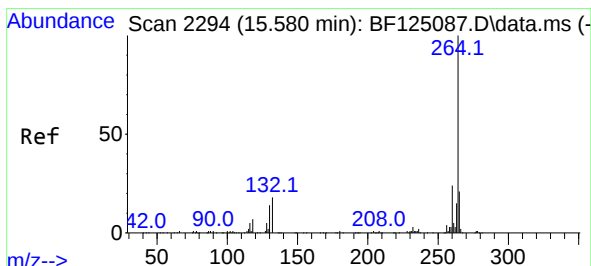
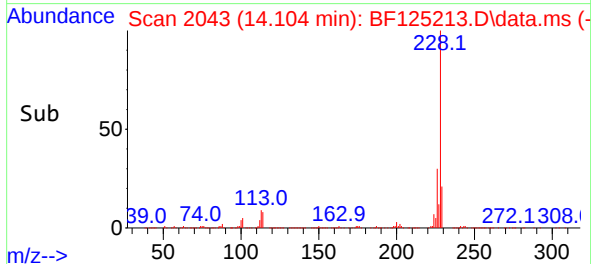
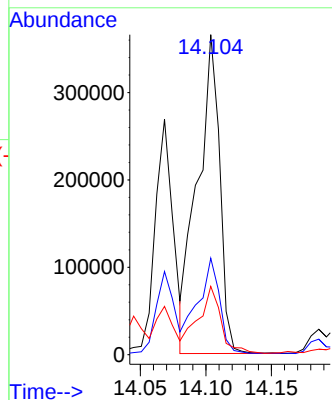
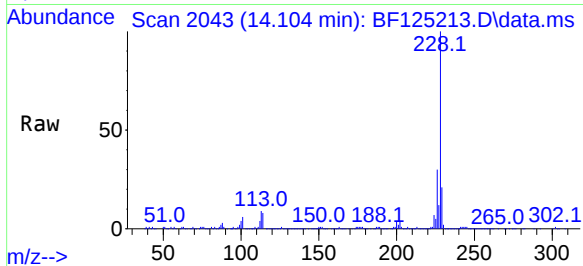
#83
Chrysene
Concen: 19.378 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

Tgt Ion:	228	Resp:	430262
Ion Ratio	Lower	Upper	
228	100		
226	30.1	22.6	34.0
229	21.3	15.9	23.9

Instrument :
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ClientSampleId :
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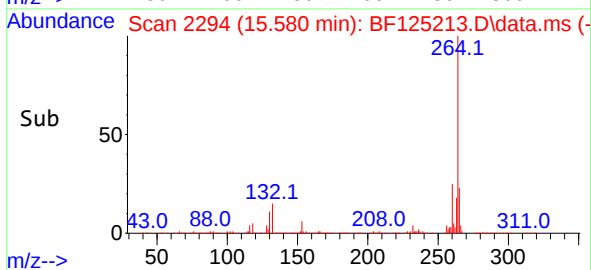
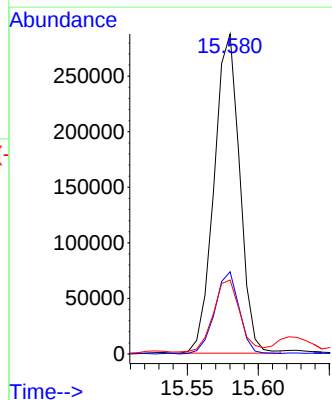
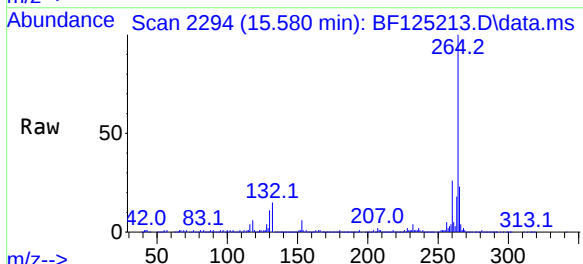
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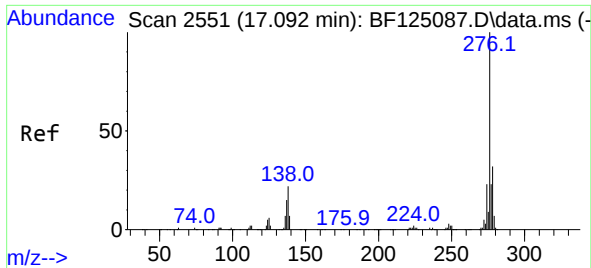
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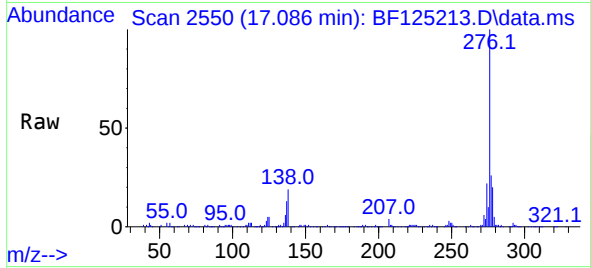
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

Tgt Ion:	264	Resp:	360127
Ion Ratio	Lower	Upper	
264	100		
260	25.7	19.6	29.4
265	23.1	17.2	25.8

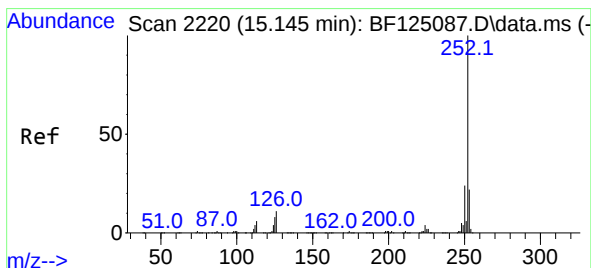
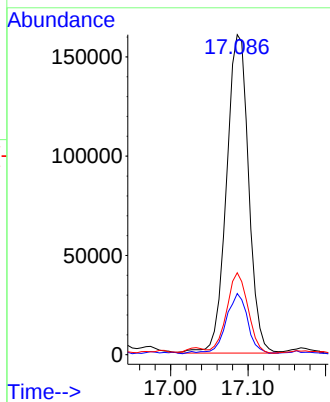
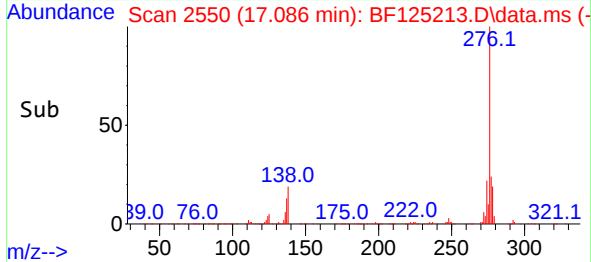




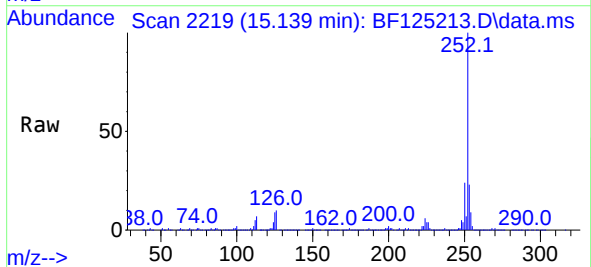
#87
Indeno(1,2,3-cd)pyrene
Concen: 12.308 ng
RT: 17.086 min Scan# 2550
Delta R.T. -0.006 min
Lab File: BF125213.D
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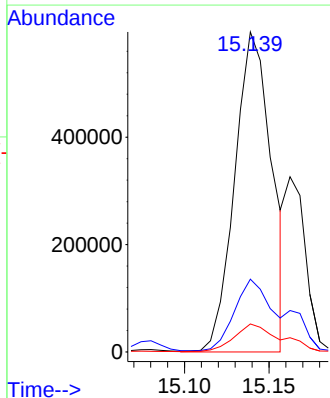
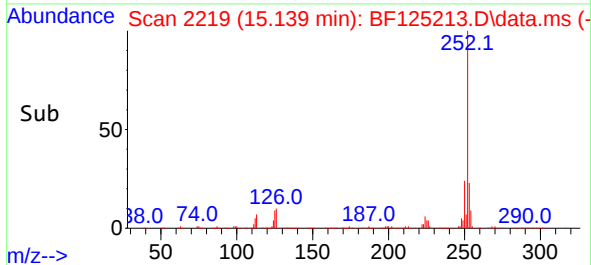
Tgt Ion:276 Resp: 319311
Ion Ratio Lower Upper
276 100
138 18.7 24.1 36.1#
277 24.4 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 34.448 ng m
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF125213.D
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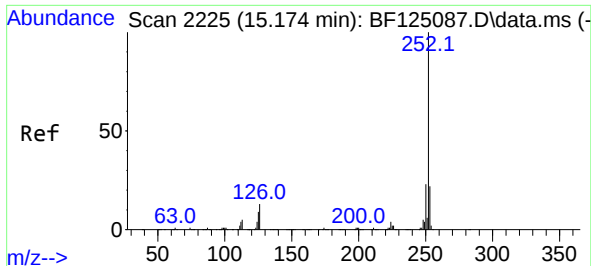
Tgt Ion:252 Resp: 906329
Ion Ratio Lower Upper
252 100
253 22.8 16.8 25.2
125 8.8 9.8 14.8#



Instrument :
BNA_F
ClientSampleId :
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#89

Benzo(k)fluoranthene

Concen: 10.867 ng m

RT: 15.162 min Scan# 2223

Delta R.T. -0.006 min

Lab File: BF125213.D

Acq: 25 Aug 2021 16:58

Tgt Ion:	252	Resp:	266806
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.8	26.8
125	8.1	7.2	10.8

Instrument :

BNA_F

ClientSampleId :

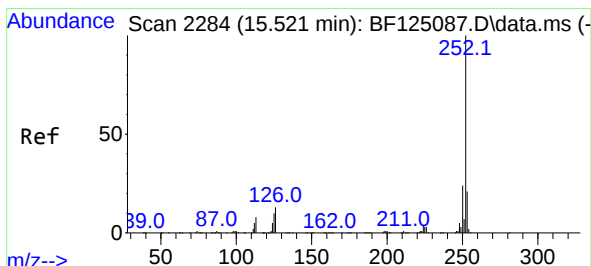
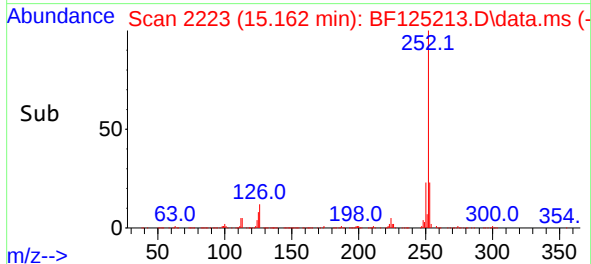
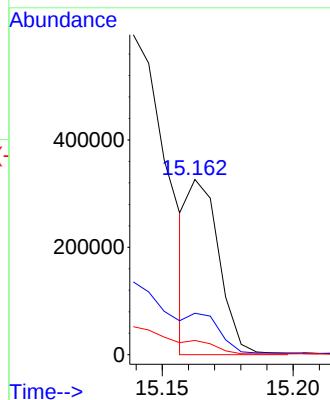
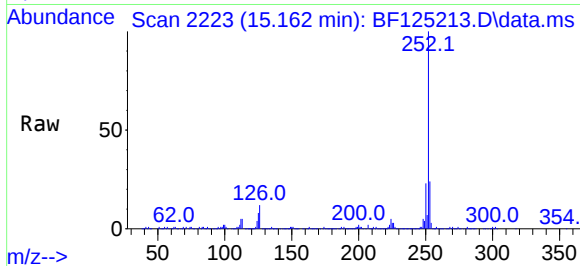
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#90

Benzo(a)pyrene

Concen: 13.256 ng m

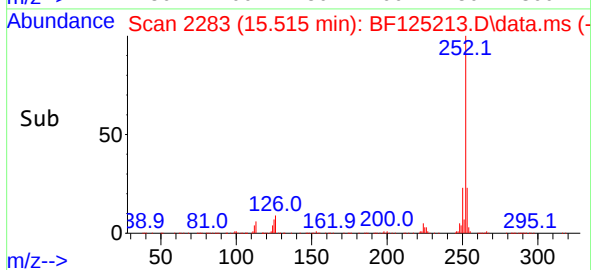
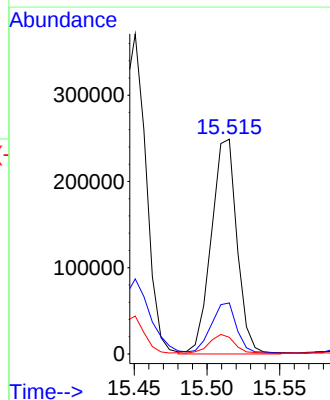
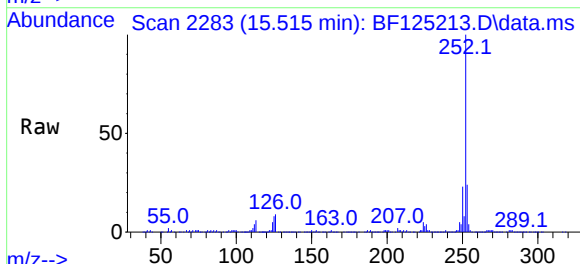
RT: 15.515 min Scan# 2283

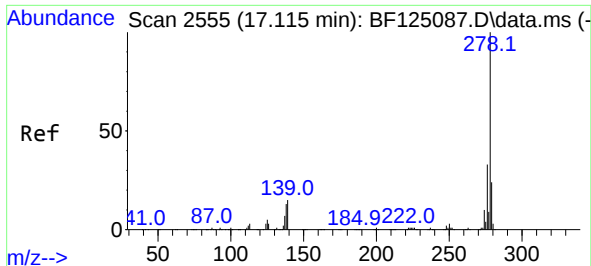
Delta R.T. 0.000 min

Lab File: BF125213.D

Acq: 25 Aug 2021 16:58

Tgt Ion:	252	Resp:	308068
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.4	27.6
125	7.8	9.9	14.9





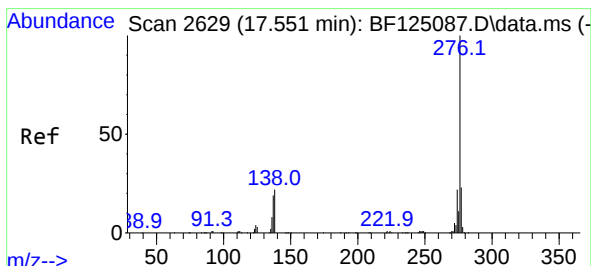
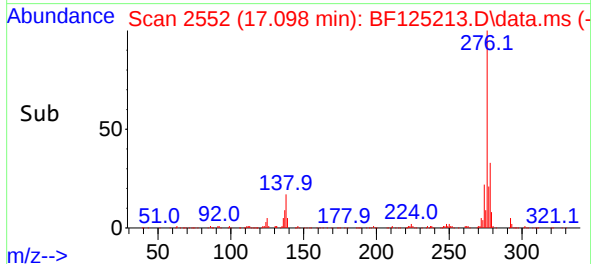
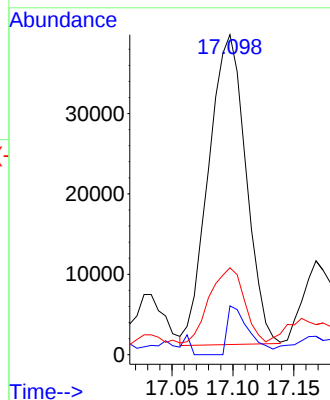
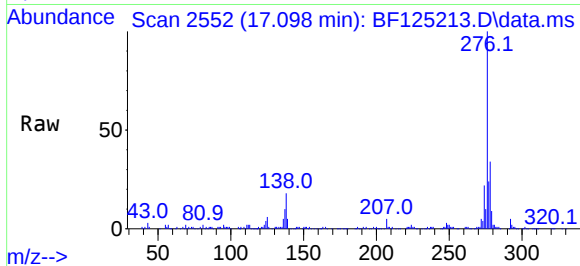
#91
Dibenzo(a,h)anthracene
Concen: 3.676 ng
RT: 17.098 min Scan# 2552
Delta R.T. -0.012 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

Tgt Ion: 278 Resp: 82428
Ion Ratio Lower Upper
278 100
139 15.3 14.9 22.3
279 27.2 19.7 29.5

Instrument :
BNA_F
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 12.695 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.006 min
Lab File: BF125213.D
Acq: 25 Aug 2021 16:58

Tgt Ion: 276 Resp: 274510
Ion Ratio Lower Upper
276 100
277 23.5 22.0 33.0
138 18.1 22.2 33.4#

