

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125212.D
 Acq On : 25 Aug 2021 16:25
 Operator : JU/CG
 Sample : M3467-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2-(161.00)

Manual Integrations
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mohammad
 8/26/2021 11:39:49 AM

Quant Time: Aug 25 17:57:46 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	6.910	152	127731	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	485936	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	247433	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	409442	20.000	ng	0.00
76) Chrysene-d12	14.074	240	301658	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	347886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	762452	90.350	ng	0.00
7) Phenol-d6	6.534	99	948552	86.910	ng	0.00
23) Nitrobenzene-d5	7.475	82	634731	65.760	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	263389	106.638	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	860303	48.459	ng	0.00
79) Terphenyl-d14	13.021	244	732465	38.682	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.651	202	165254	7.382	ng	98
78) Pyrene	12.880	202	171114	6.613	ng	99
81) Benzo(a)anthracene	14.068	228	116453m	5.358	ng	
83) Chrysene	14.104	228	161994	7.537	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	168559	6.726	ng	# 88
88) Benzo(b)fluoranthene	15.133	252	348912m	13.728	ng	
89) Benzo(k)fluoranthene	15.157	252	94942m	4.003	ng	
90) Benzo(a)pyrene	15.510	252	167141m	7.445	ng	
92) Benzo(g,h,i)perylene	17.533	276	157608	7.545	ng	# 86

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

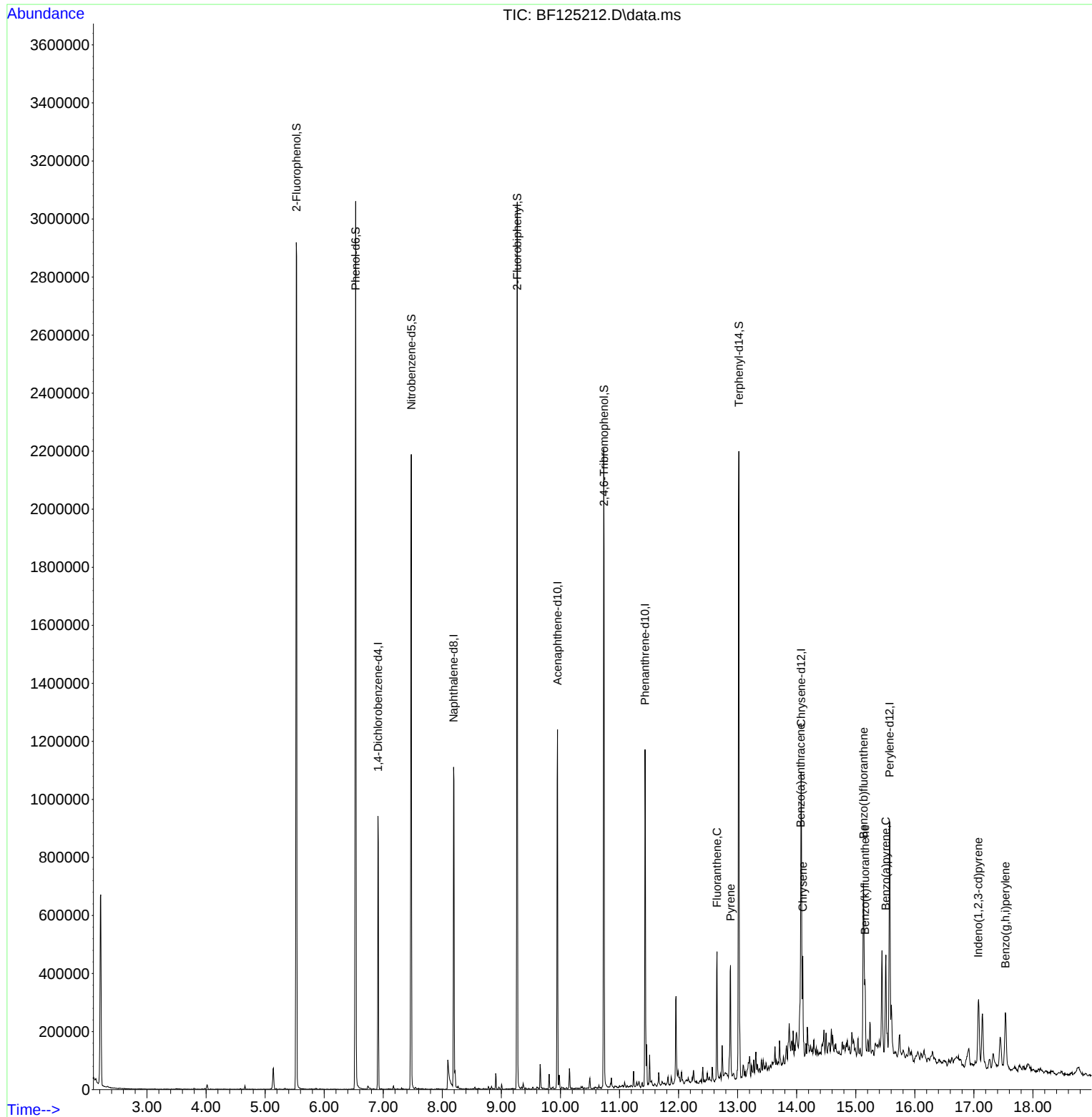
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125212.D
Acq On : 25 Aug 2021 16:25
Operator : JU/CG
Sample : M3467-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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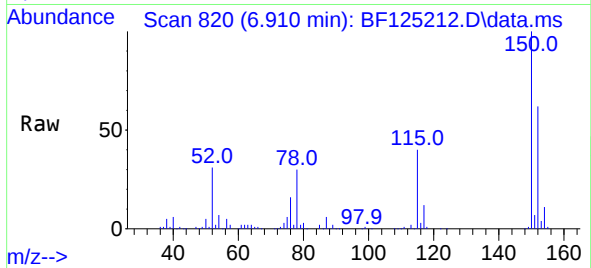
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
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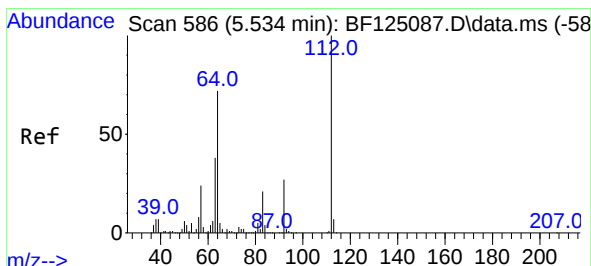
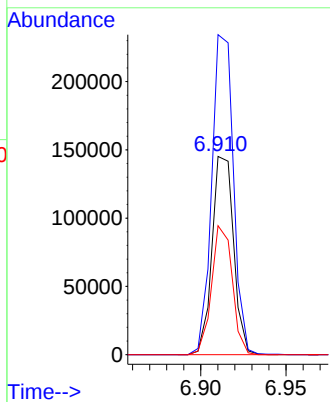
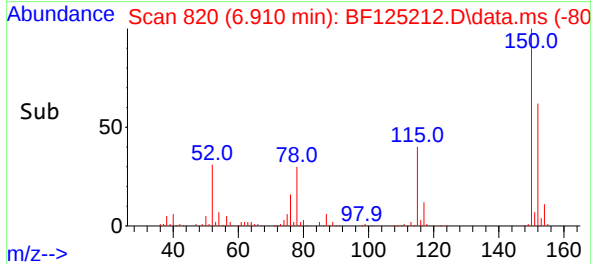




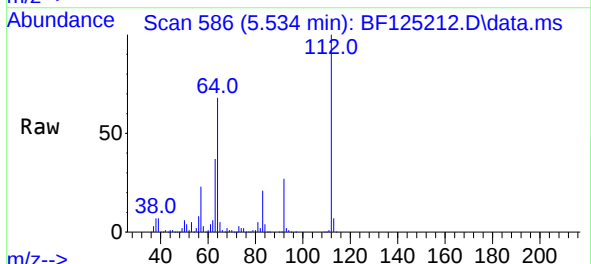
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25



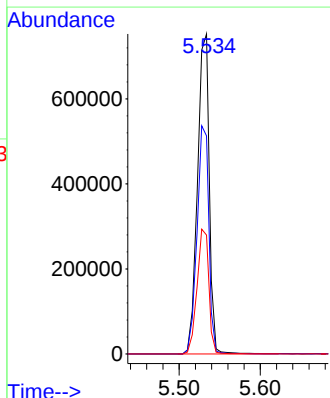
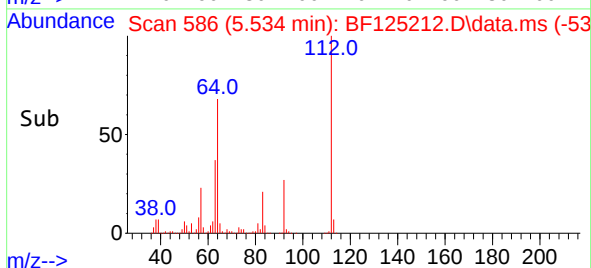
Tgt Ion:152 Resp: 127731
Ion Ratio Lower Upper
152 100
150 161.4 117.6 176.4
115 65.0 47.1 70.7



#5
2-Fluorophenol
Concen: 90.350 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25



Tgt Ion:112 Resp: 762452
Ion Ratio Lower Upper
112 100
64 68.1 44.2 66.2#
63 37.1 26.2 39.2



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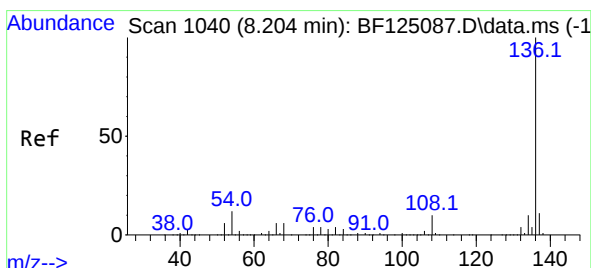
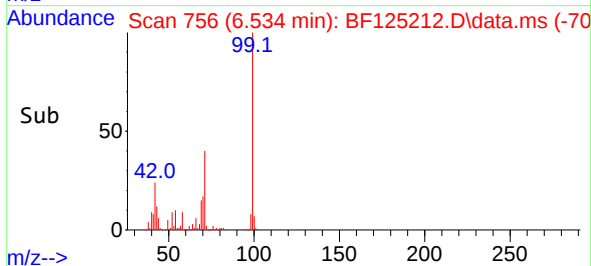
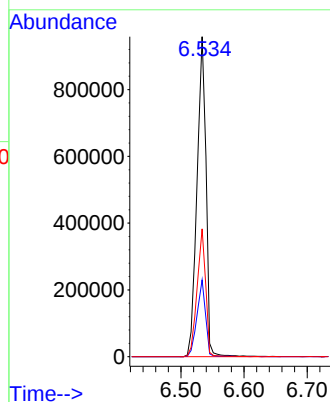
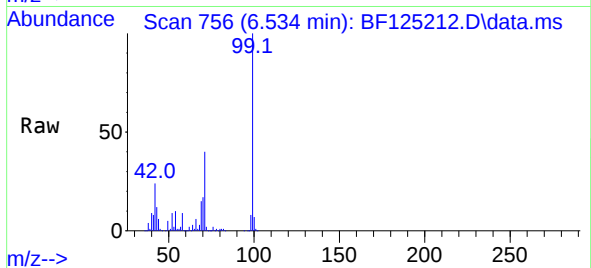
#7
Phenol-d6
Concen: 86.910 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25

Tgt Ion:	99	Resp:	948552
Ion	Ratio	Lower	Upper
99	100		
42	24.0	23.5	35.3
71	39.9	25.6	38.4#

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-(161.00)

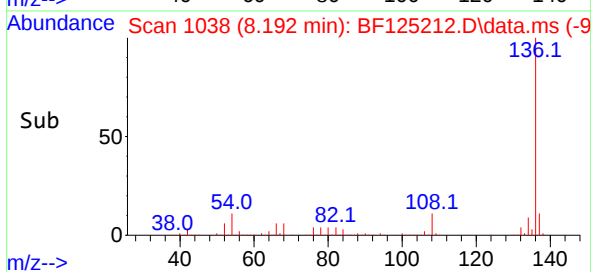
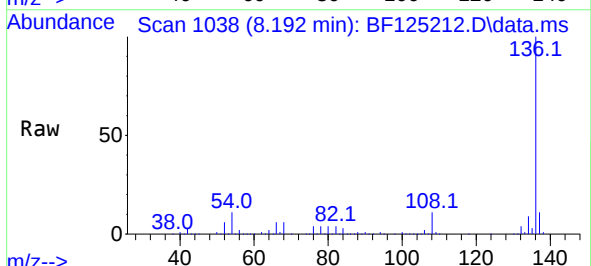
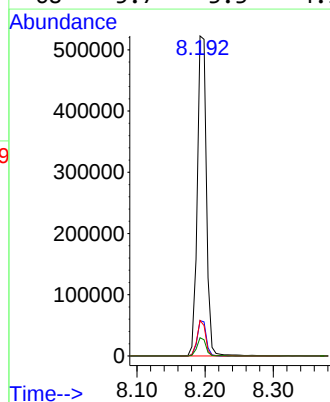
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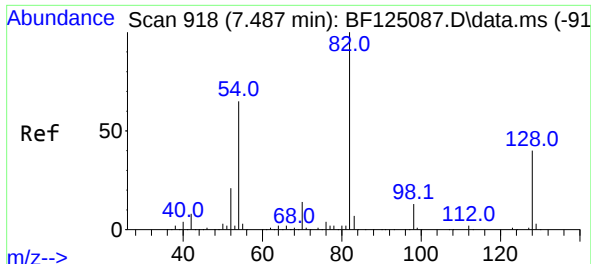
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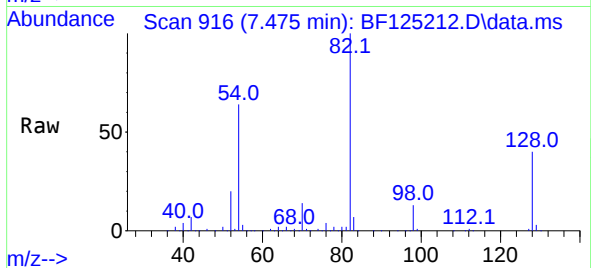
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25

Tgt Ion:	136	Resp:	485936
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	11.1	6.4	9.6#
68	5.7	3.3	4.9#

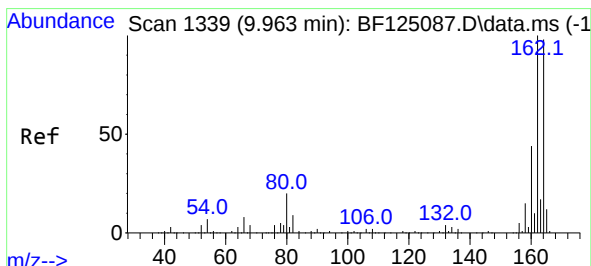
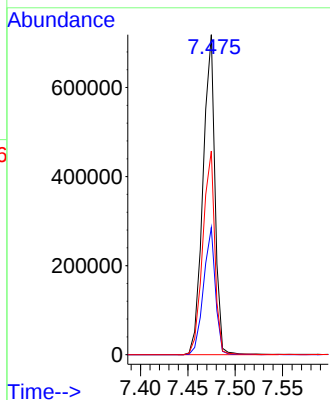
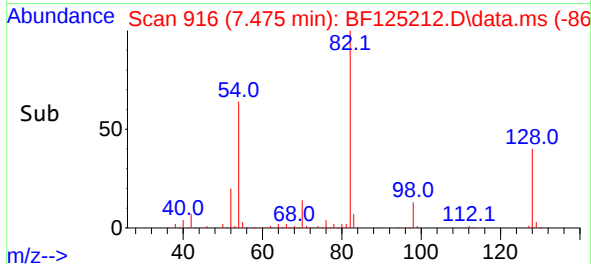




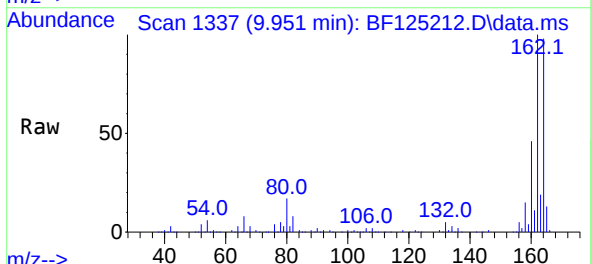
#23
Nitrobenzene-d5
Concen: 65.760 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25



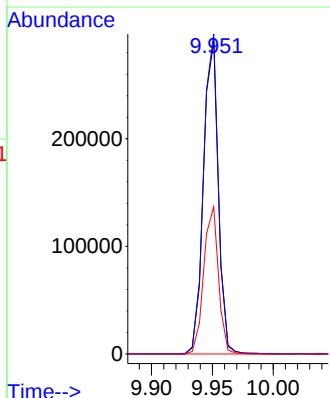
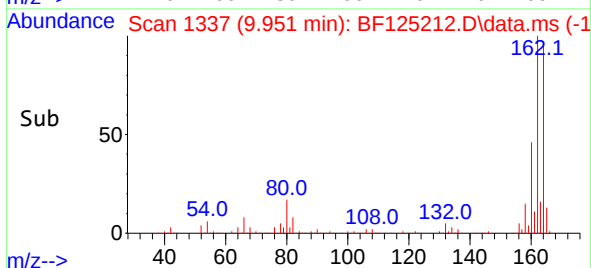
Tgt Ion: 82 Resp: 634731
Ion Ratio Lower Upper
82 100
128 39.7 40.6 60.8#
54 63.7 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25



Tgt Ion:164 Resp: 247433
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 47.0 38.0 57.0



Instrument :
BNA_F
ClientSampleId :
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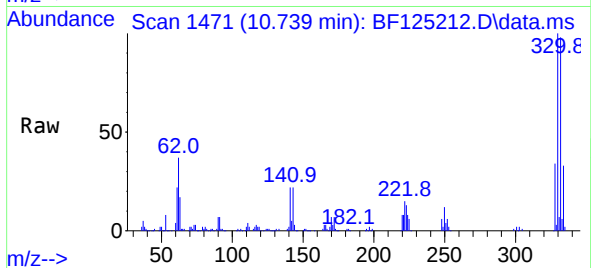
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#42
2,4,6-Tribromophenol
Concen: 106.638 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25

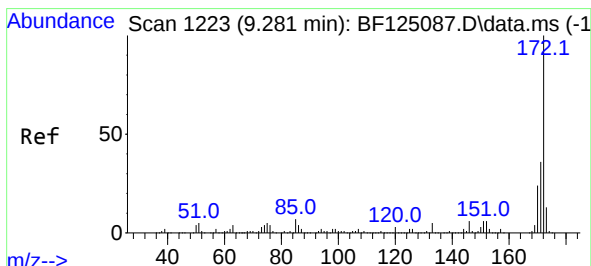
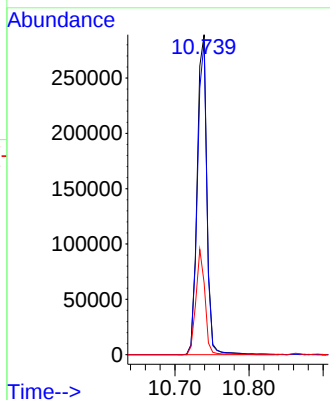
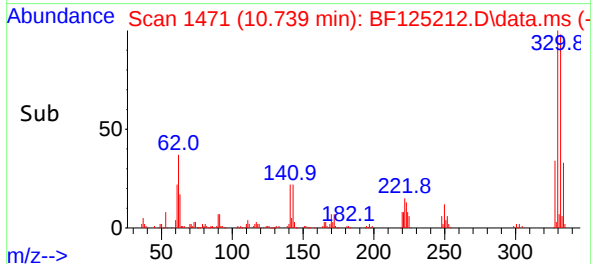
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ClientSampleId :
SAMPLE-2-(161.00)



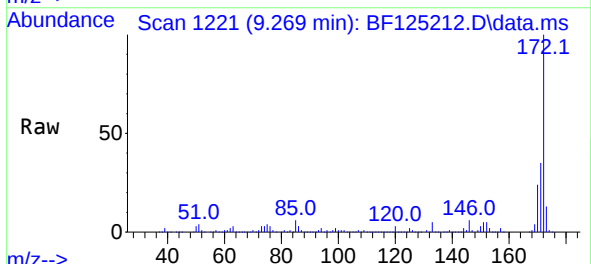
Tgt Ion:330 Resp: 263389
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 30.7 44.6 66.8#

Manual Integrations
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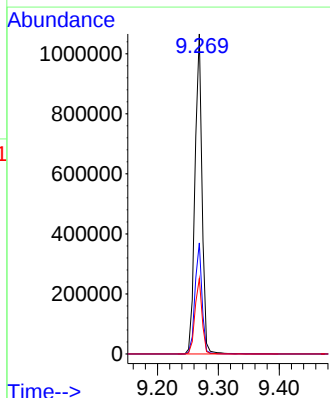
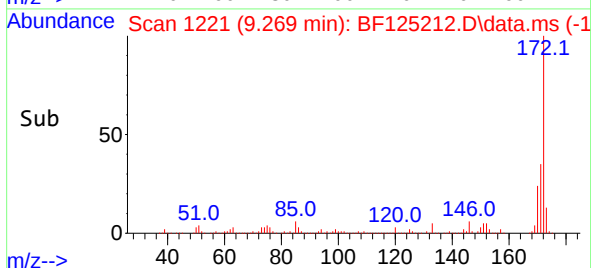
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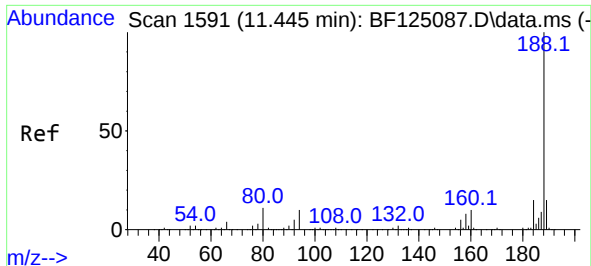


#45
2-Fluorobiphenyl
Concen: 48.459 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25



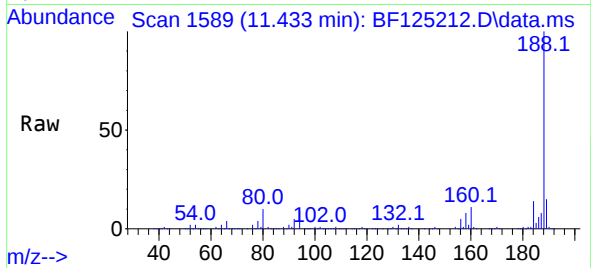
Tgt Ion:172 Resp: 860303
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25

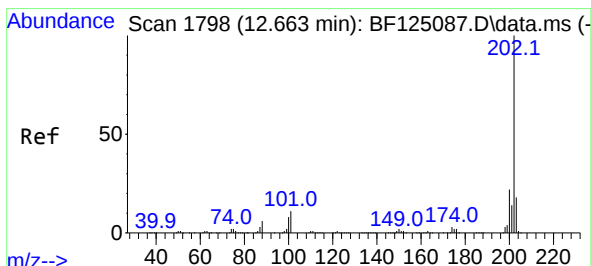
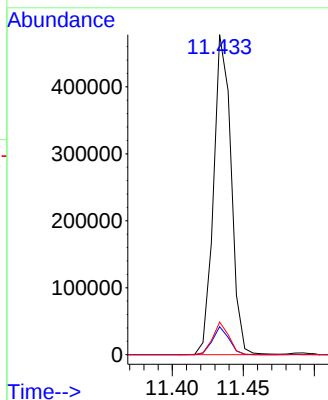
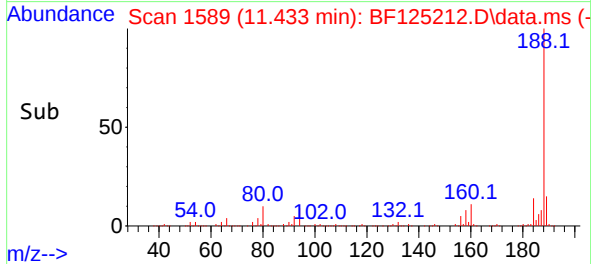
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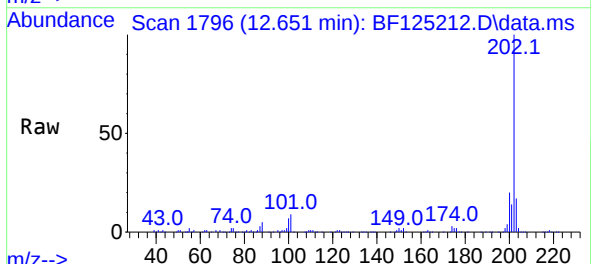
Tgt Ion:188 Resp: 409442
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 10.2 7.5 11.3

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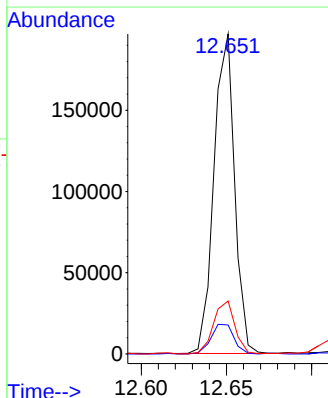
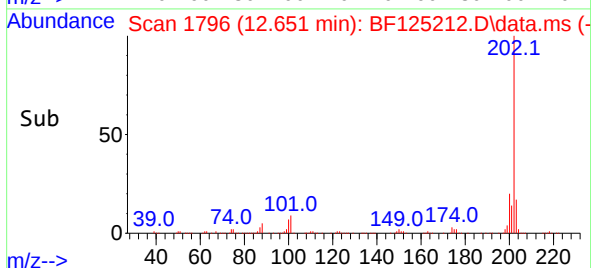
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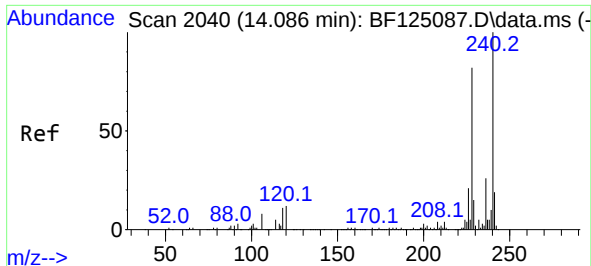


#75
Fluoranthene
Concen: 7.382 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25

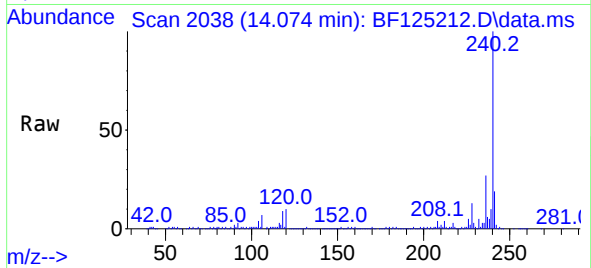


Tgt Ion:202 Resp: 165254
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.7
203 16.6 0.0 36.3

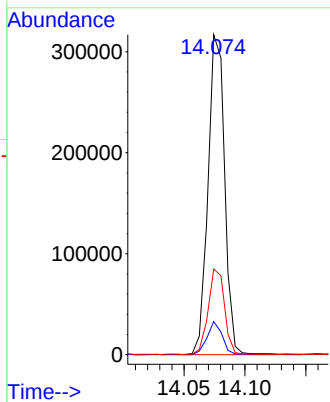
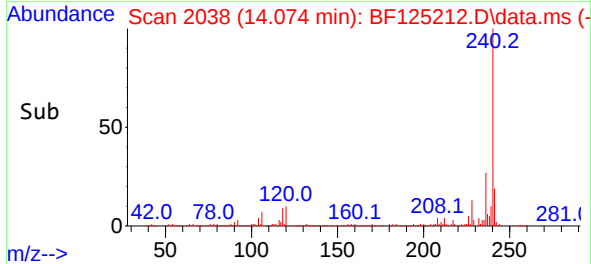




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25



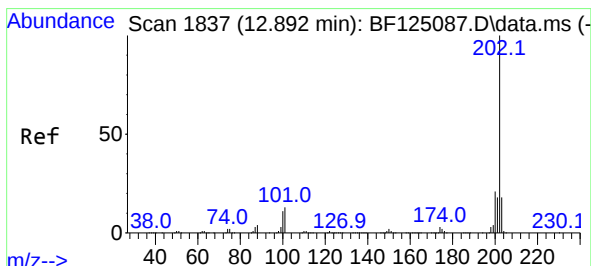
Tgt Ion:240 Resp: 301658
Ion Ratio Lower Upper
240 100
120 10.3 10.8 16.2#
236 26.8 21.6 32.4



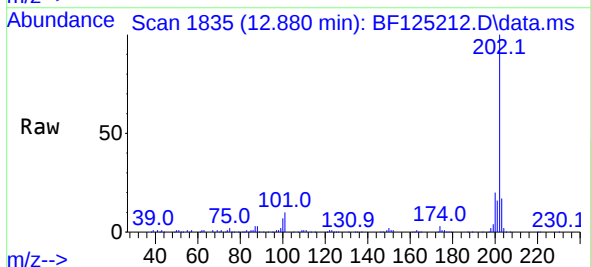
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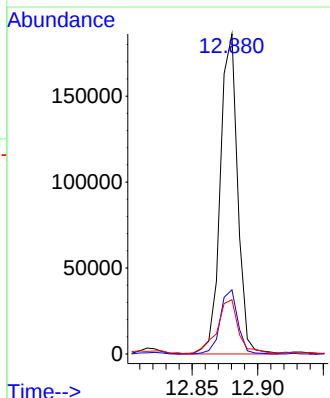
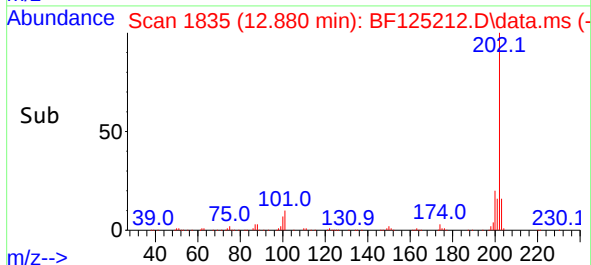
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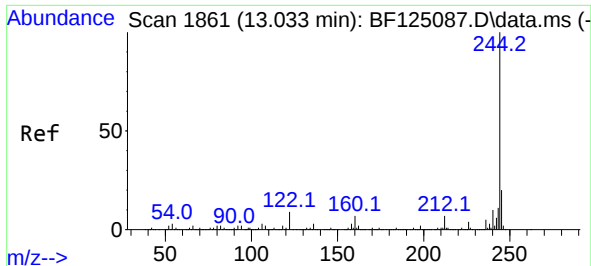


#78
Pyrene
Concen: 6.613 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25



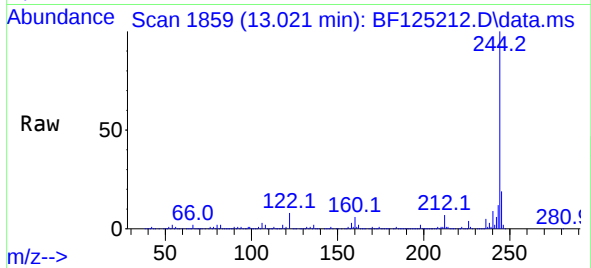
Tgt Ion:202 Resp: 171114
Ion Ratio Lower Upper
202 100
200 20.0 15.3 22.9
203 16.9 13.4 20.0





#79
Terphenyl-d14
Concen: 38.682 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25

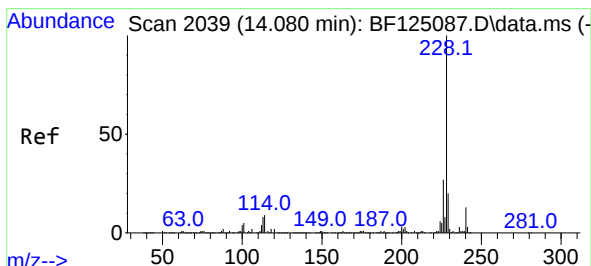
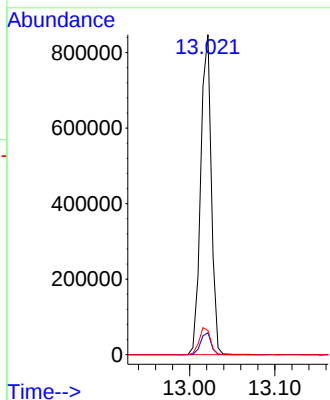
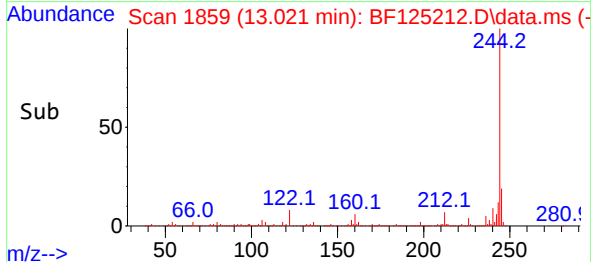
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-(161.00)



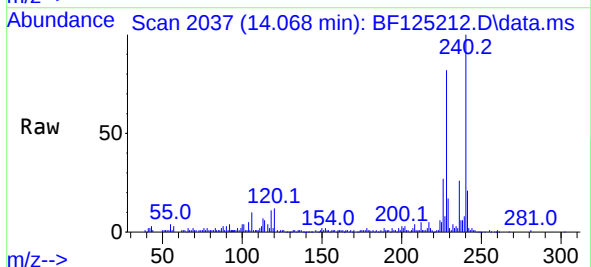
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Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 7.5 9.0 13.4#

Manual Integrations
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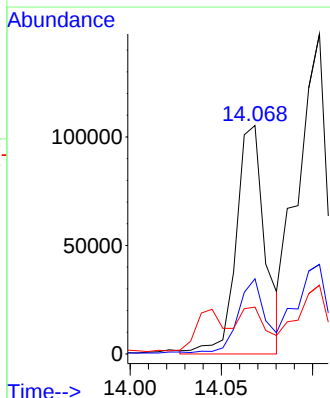
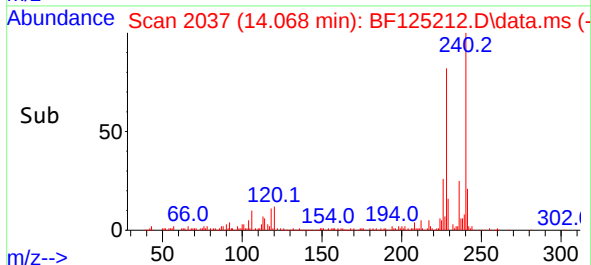
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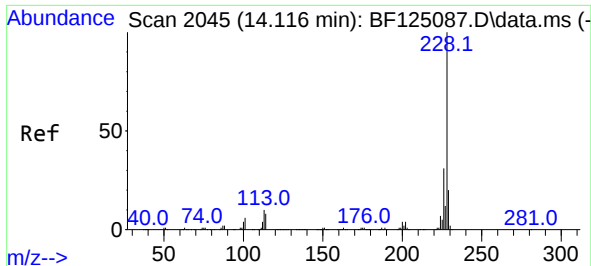


#81
Benzo(a)anthracene
Concen: 5.358 ng m
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25



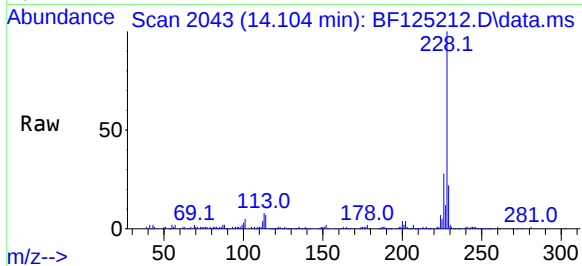
Tgt Ion:228 Resp: 116453
Ion Ratio Lower Upper
228 100
226 32.9 21.6 32.4#
229 20.5 15.6 23.4





#83
Chrysene
Concen: 7.537 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25

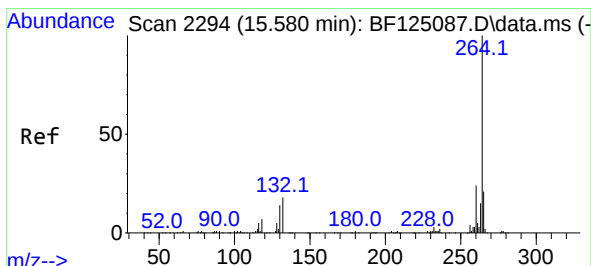
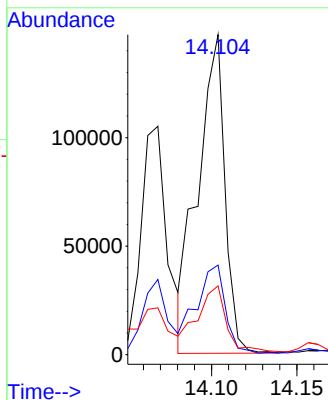
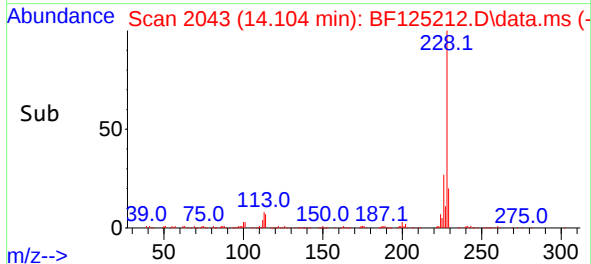
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-(161.00)



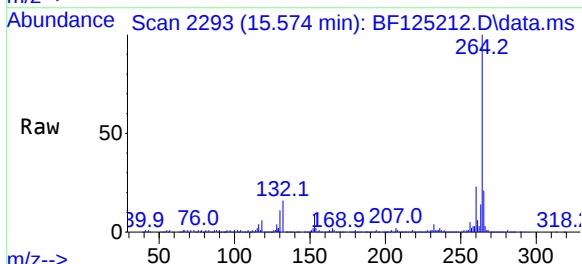
Tgt Ion:228 Resp: 161994
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 21.5 15.9 23.9

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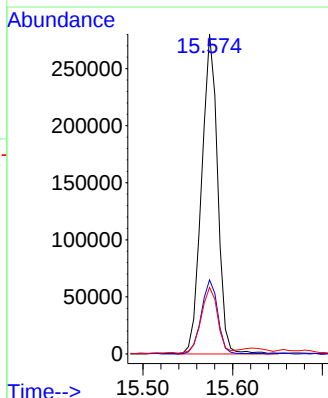
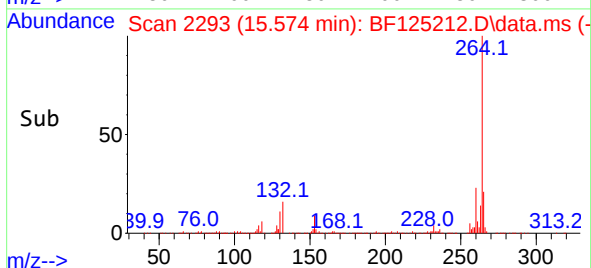
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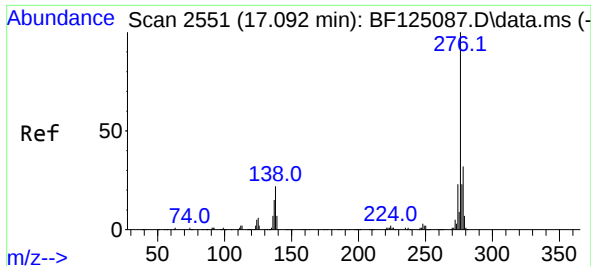


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25



Tgt Ion:264 Resp: 347886
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 20.8 17.2 25.8





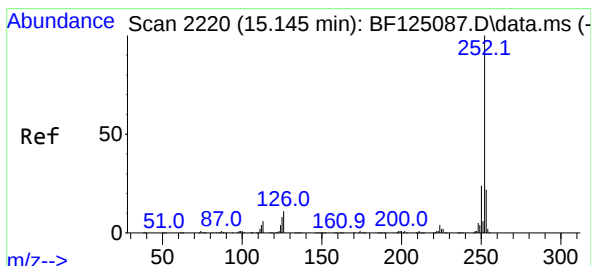
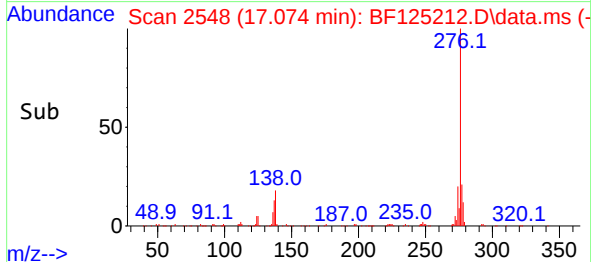
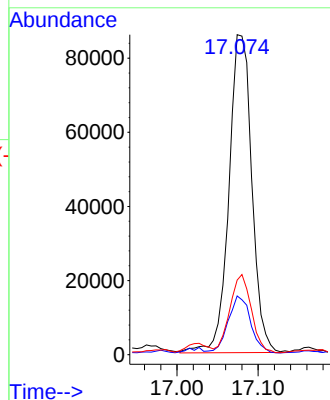
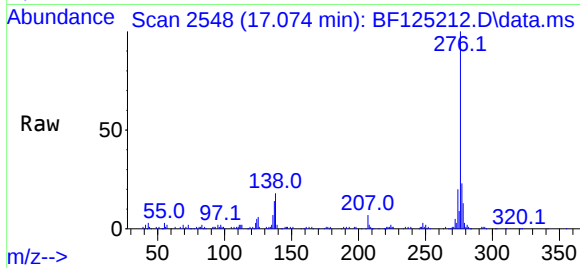
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.726 ng
RT: 17.074 min Scan# 2548
Delta R.T. -0.018 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25

Tgt Ion: 276 Resp: 168559
Ion Ratio Lower Upper
276 100
138 18.2 24.1 36.1#
277 23.6 18.8 28.2

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-(161.00)

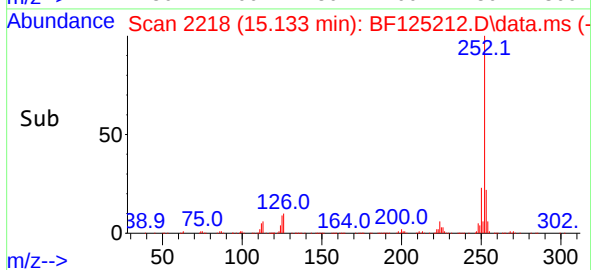
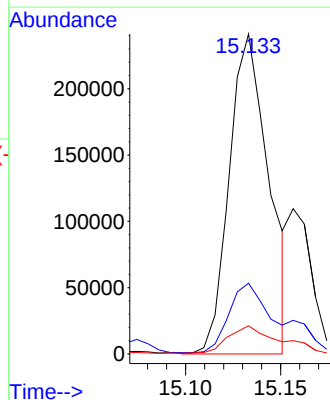
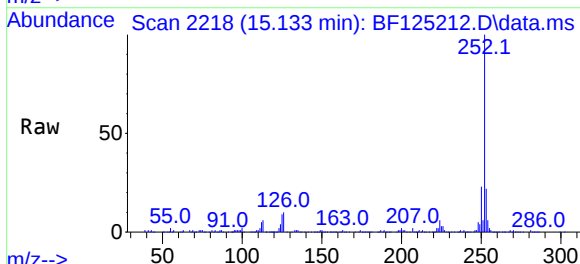
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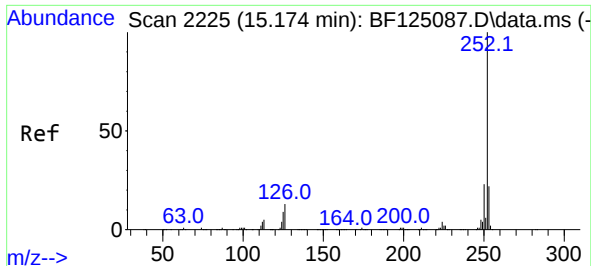
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#88
Benzo(b)fluoranthene
Concen: 13.728 ng m
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25

Tgt Ion: 252 Resp: 348912
Ion Ratio Lower Upper
252 100
253 22.1 16.8 25.2
125 8.8 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 4.003 ng m

RT: 15.157 min Scan# 2222

Delta R.T. -0.012 min

Lab File: BF125212.D

Acq: 25 Aug 2021 16:25

Tgt Ion:	252	Resp:	94942
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.8
125	9.2	7.2	10.8

Instrument :

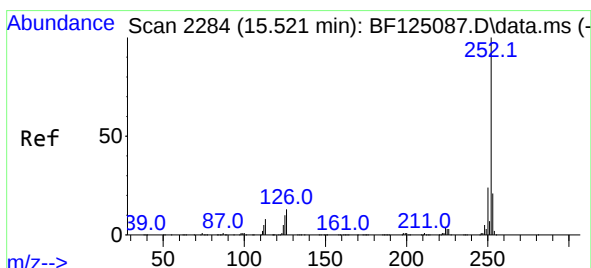
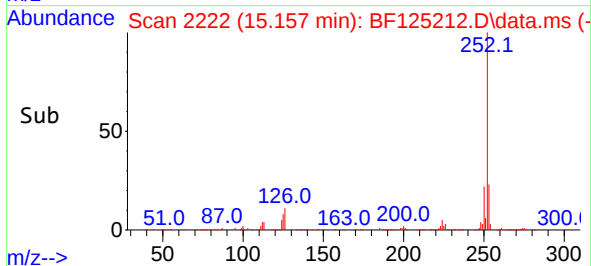
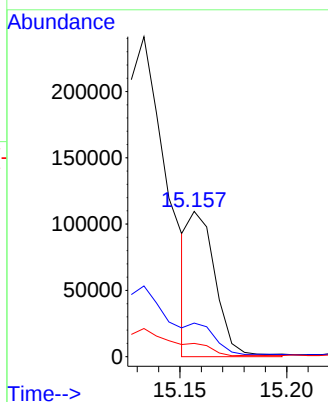
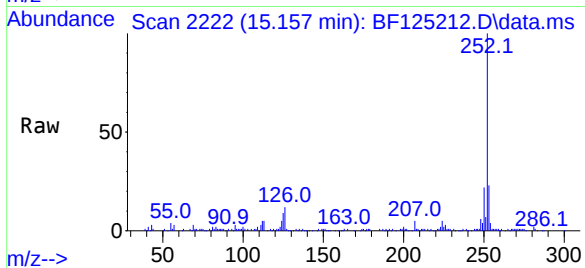
BNA_F

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 7.445 ng m

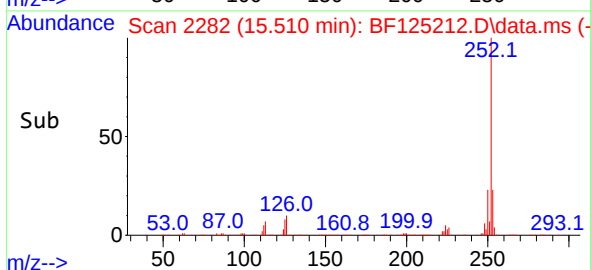
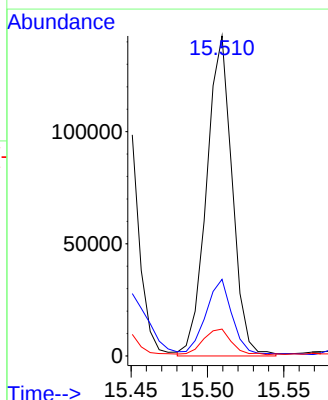
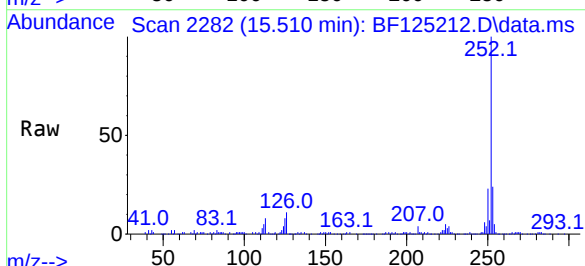
RT: 15.510 min Scan# 2282

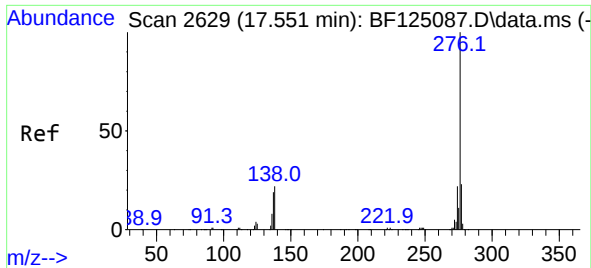
Delta R.T. -0.006 min

Lab File: BF125212.D

Acq: 25 Aug 2021 16:25

Tgt Ion:	252	Resp:	167141
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.4	27.6
125	8.4	9.9	14.9#





#92
Benzo(g,h,i)perylene
Concen: 7.545 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.018 min
Lab File: BF125212.D
Acq: 25 Aug 2021 16:25

Tgt Ion: 276 Resp: 157608
Ion Ratio Lower Upper
276 100
277 22.5 22.0 33.0
138 17.6 22.2 33.4#

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2-(161.00)

Manual Integrations
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