

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125217.D
 Acq On : 25 Aug 2021 19:14
 Operator : JU/CG
 Sample : M3467-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-10-(410.75)

Manual Integrations
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Quant Time: Aug 26 01:36:23 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	215909	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	823495	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	399996	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	623088	20.000	ng	0.00
76) Chrysene-d12	14.074	240	470180	20.000	ng	0.00
86) Perylene-d12	15.574	264	539686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1162830	81.519	ng	0.00
7) Phenol-d6	6.534	99	1457527	79.004	ng	0.00
23) Nitrobenzene-d5	7.475	82	936606	57.259	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	331784	83.095	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1400024	48.782	ng	0.00
79) Terphenyl-d14	13.022	244	1132122	38.359	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.457	178	147903	4.308	ng	98
75) Fluoranthene	12.651	202	356454	10.464	ng	98
78) Pyrene	12.880	202	312338	7.744	ng	99
81) Benzo(a)anthracene	14.069	228	169642	5.008	ng	97
83) Chrysene	14.104	228	184756	5.515	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	103408	2.660	ng	# 90
88) Benzo(b)fluoranthene	15.133	252	280137m	7.105	ng	
89) Benzo(k)fluoranthene	15.157	252	80171m	2.179	ng	
90) Benzo(a)pyrene	15.504	252	156961	4.507	ng	98
92) Benzo(g,h,i)perylene	17.533	276	90464	2.792	ng	95

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

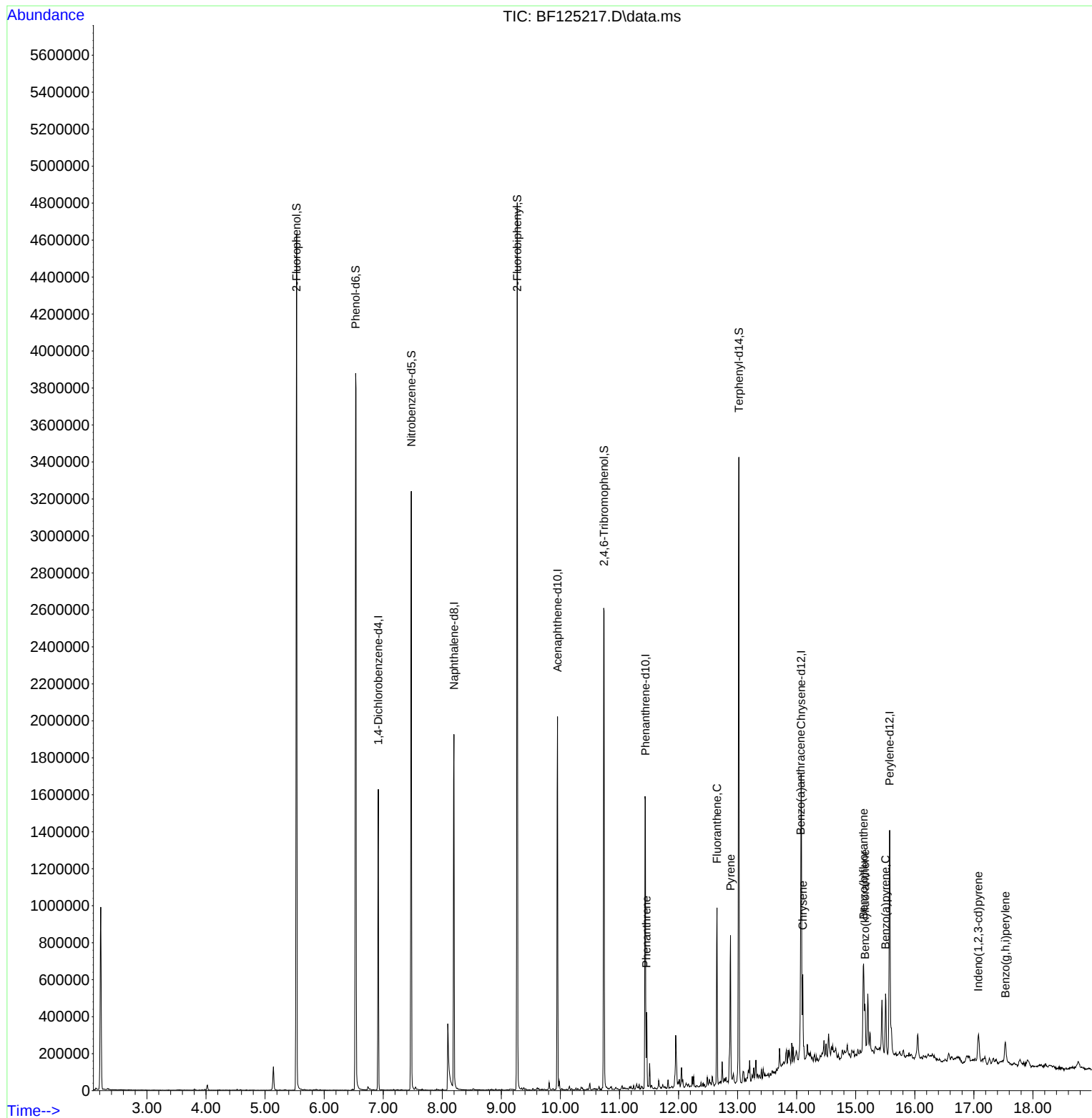
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125217.D
Acq On : 25 Aug 2021 19:14
Operator : JU/CG
Sample : M3467-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

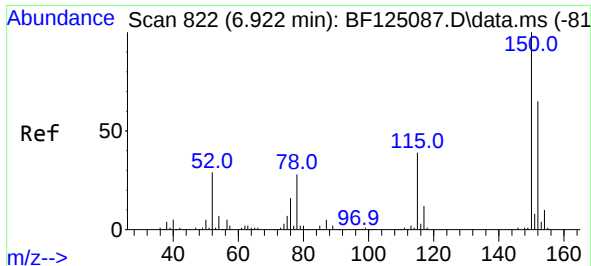
Instrument :
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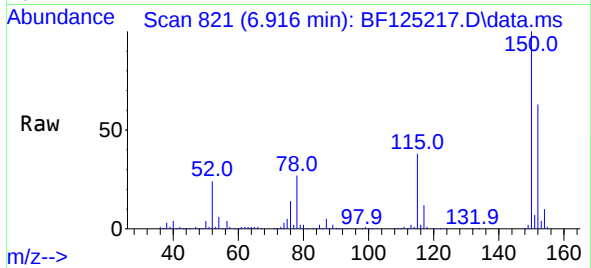
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Quant Time: Aug 26 01:36:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
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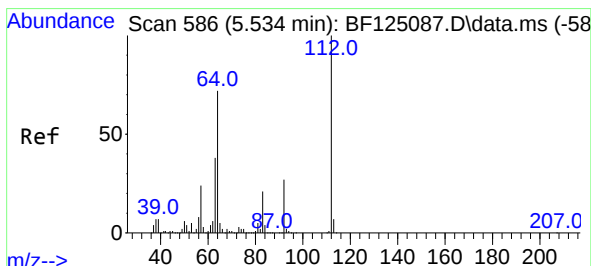
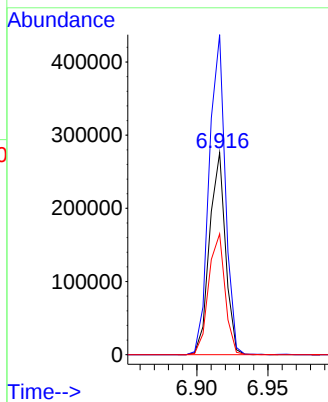
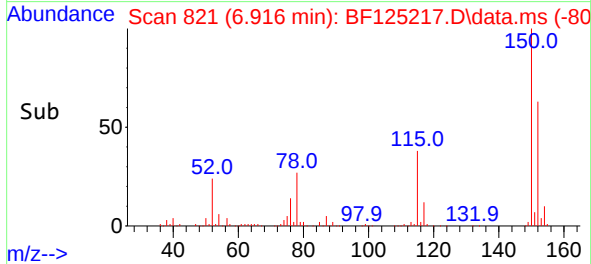




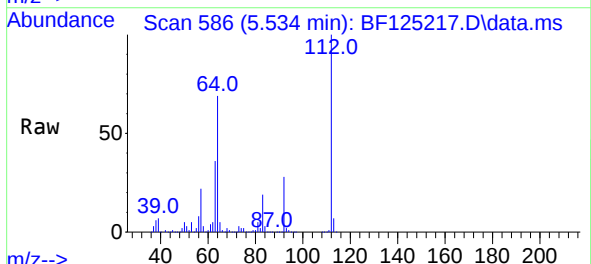
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14



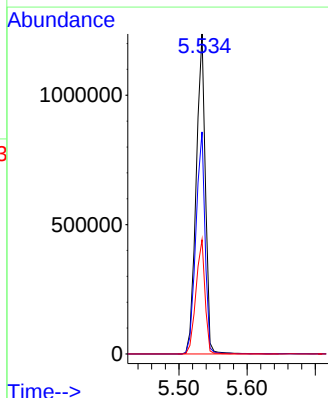
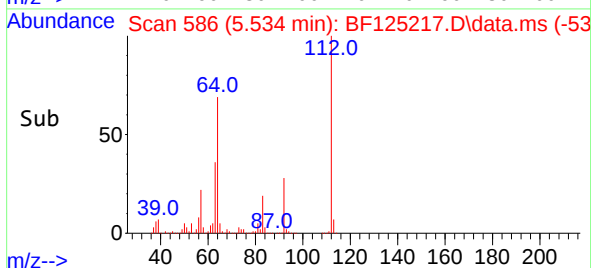
Tgt Ion:152 Resp: 215909
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 81.519 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14



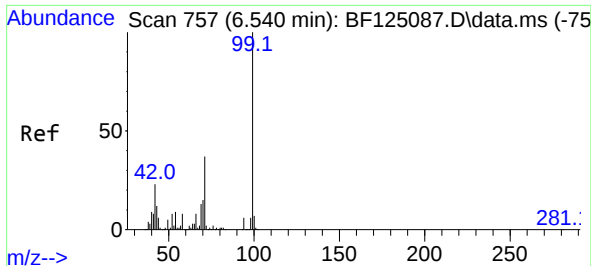
Tgt Ion:112 Resp: 1162830
Ion Ratio Lower Upper
112 100
64 69.4 44.2 66.2#
63 35.7 26.2 39.2



Instrument :
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#7
Phenol-d6
Concen: 79.004 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

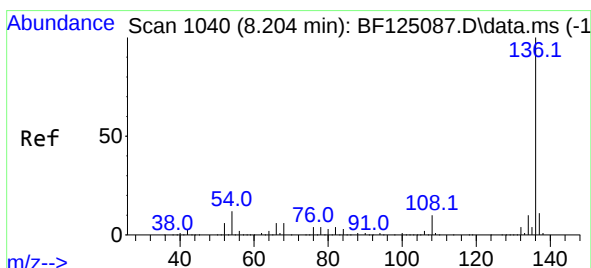
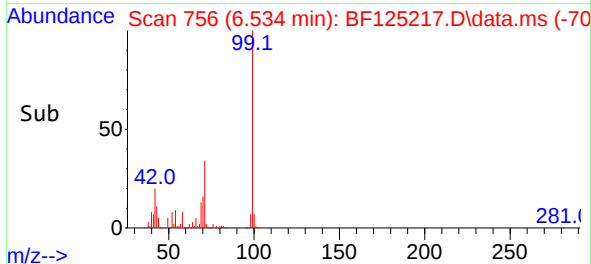
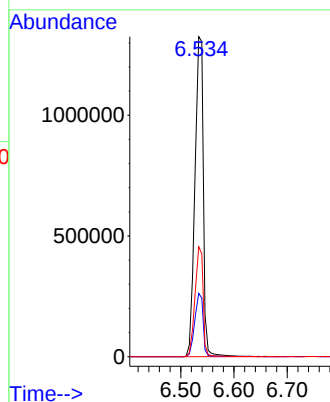
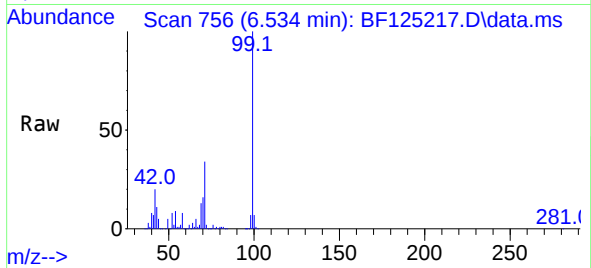
Tgt Ion: 99 Resp: 1457527

Ion	Ratio	Lower	Upper
99	100		
42	19.8	23.5	35.3#
71	34.3	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
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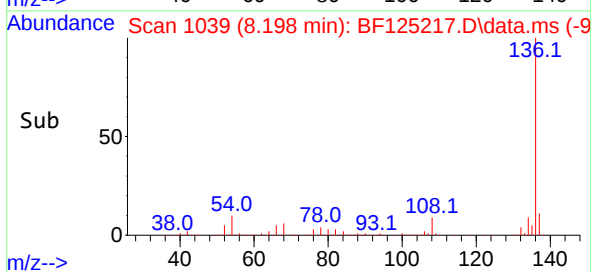
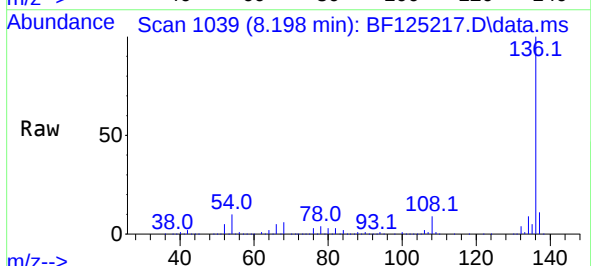
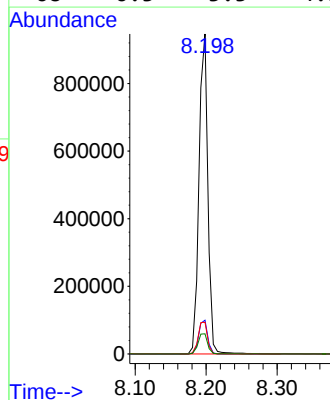
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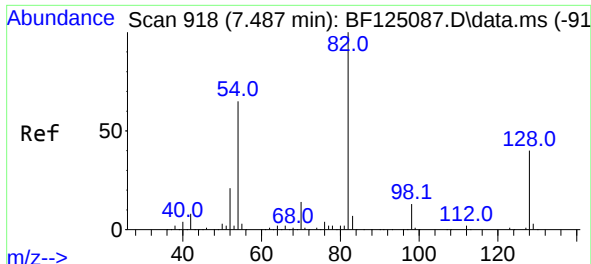


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

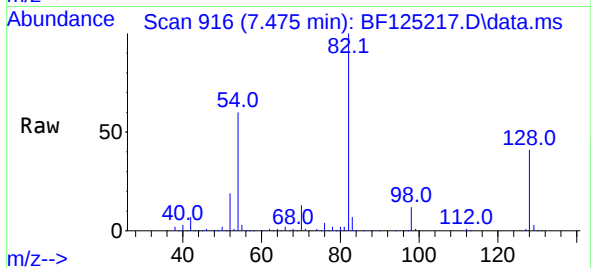
Tgt Ion: 136 Resp: 823495

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	9.9	6.4	9.6#
68	6.3	3.3	4.9#

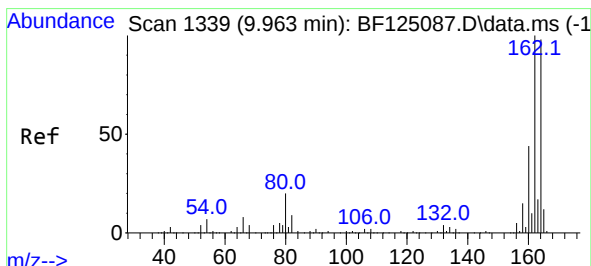
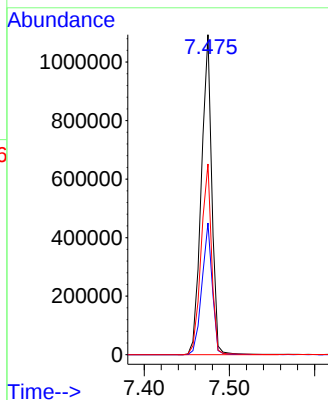
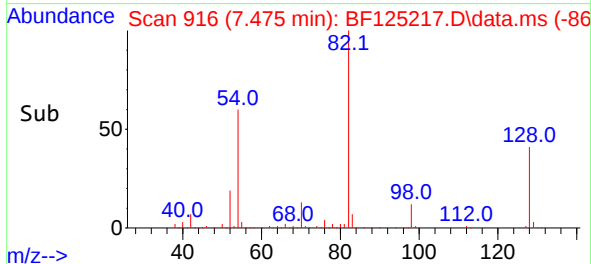




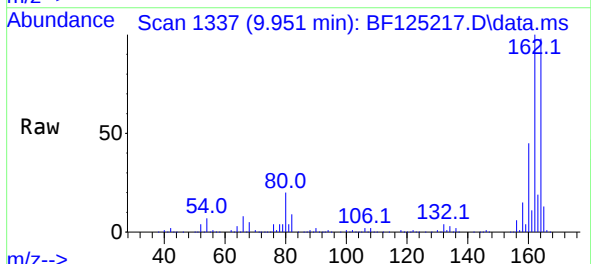
#23
Nitrobenzene-d5
Concen: 57.259 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14



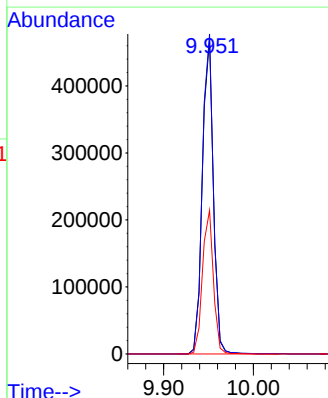
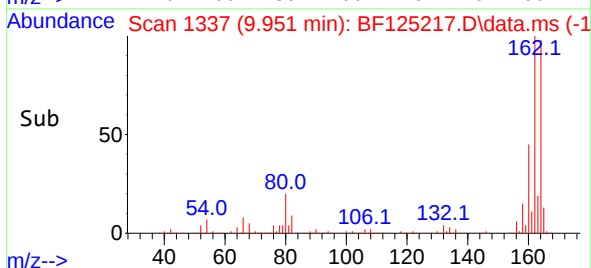
Tgt Ion: 82 Resp: 936606
Ion Ratio Lower Upper
82 100
128 41.1 40.6 60.8
54 59.6 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14



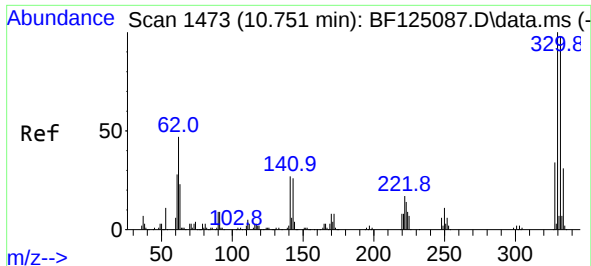
Tgt Ion: 164 Resp: 399996
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 45.7 38.0 57.0



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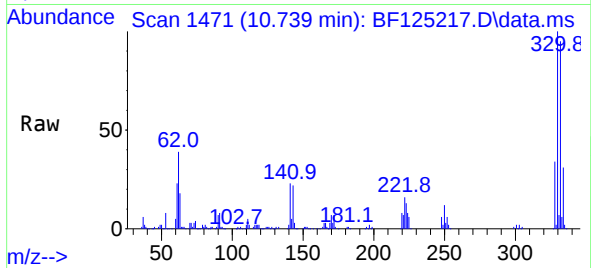
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#42
2,4,6-Tribromophenol
Concen: 83.095 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

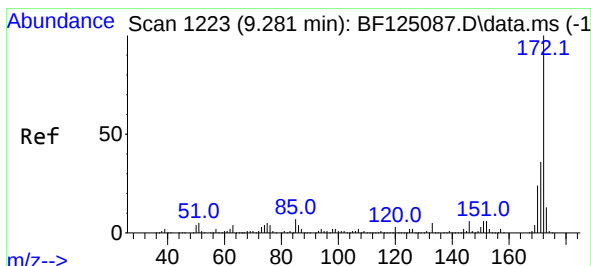
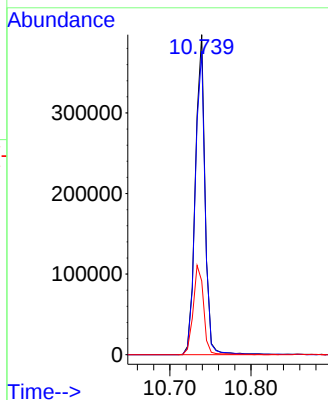
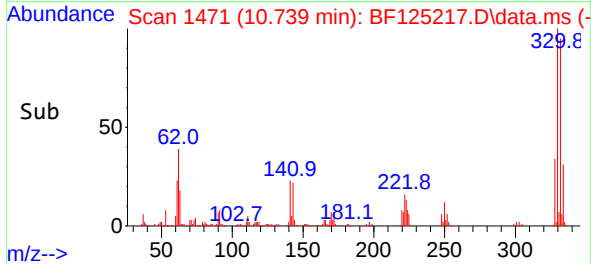
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ClientSampleId :
SAMPLE-10-(410.75)



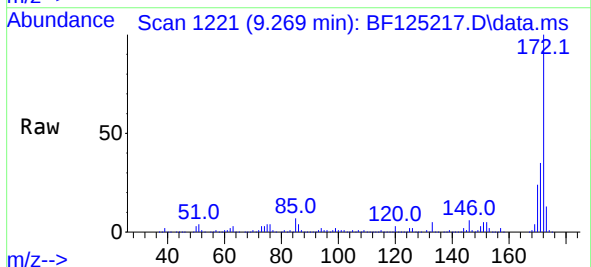
Tgt Ion:330 Resp: 331784
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 30.0 44.6 66.8#

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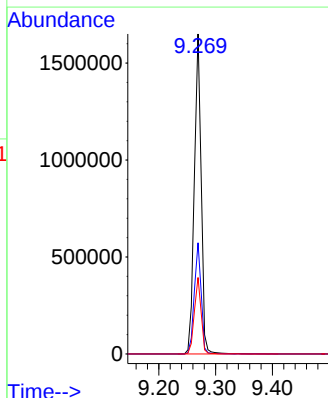
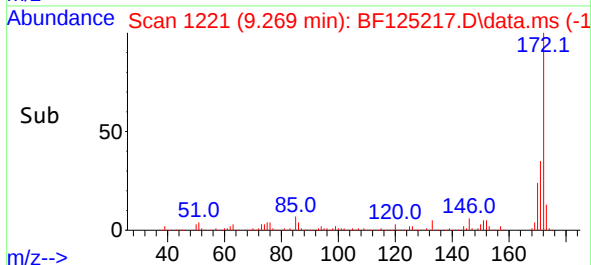
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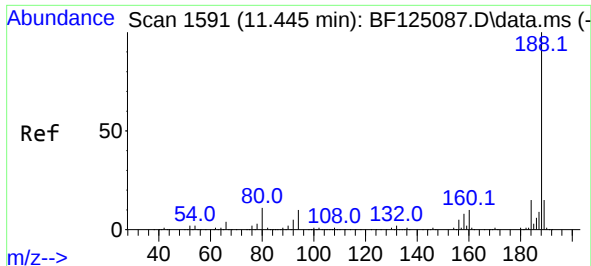


#45
2-Fluorobiphenyl
Concen: 48.782 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14



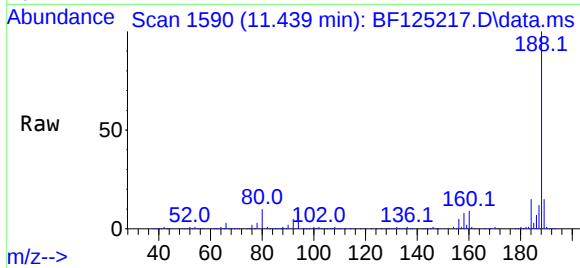
Tgt Ion:172 Resp: 1400024
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.9 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

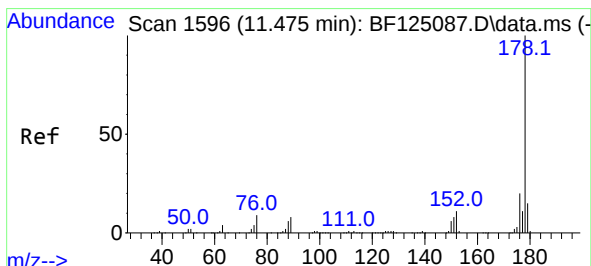
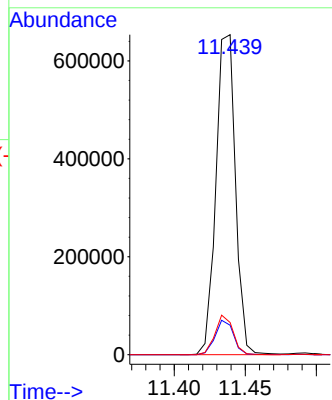
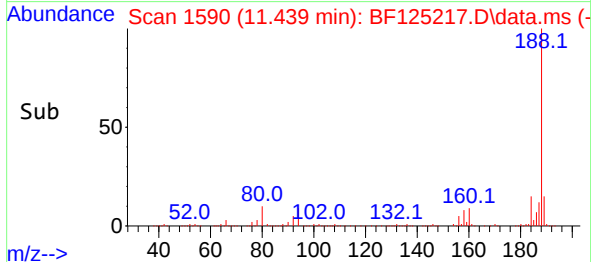
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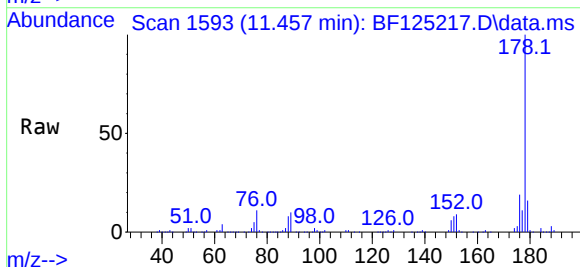
Tgt Ion:188 Resp: 623088
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.1 7.5 11.3

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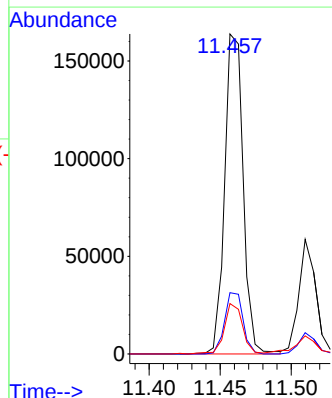
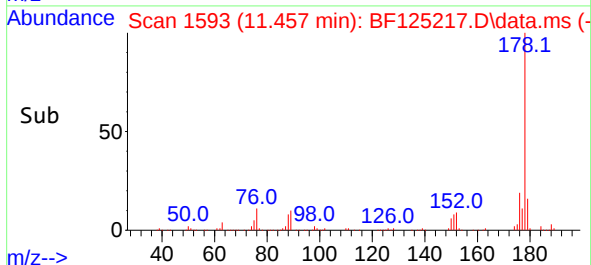
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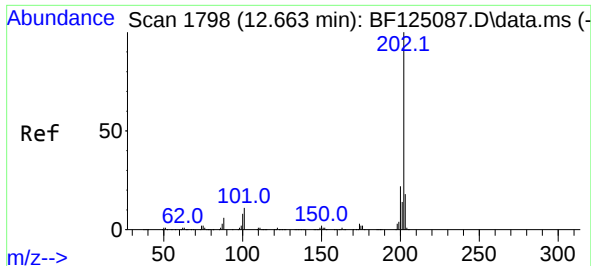


#71
Phenanthrene
Concen: 4.308 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14



Tgt Ion:178 Resp: 147903
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.8 11.5 17.3





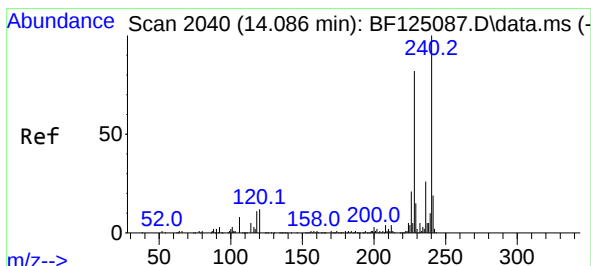
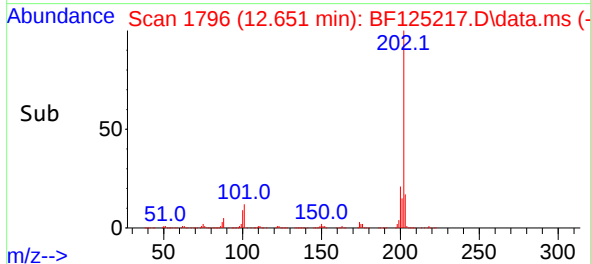
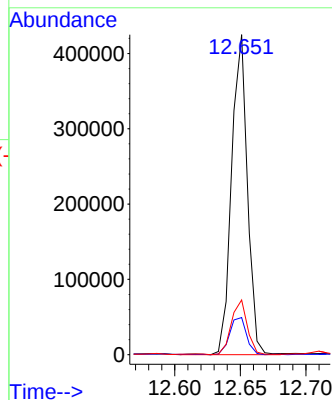
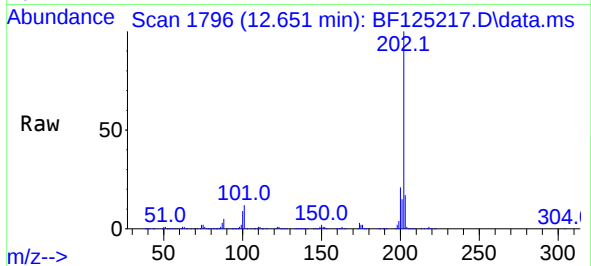
#75
Fluoranthene
Concen: 10.464 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Tgt Ion:202 Resp: 356454
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
203 17.1 0.0 36.3

Instrument :
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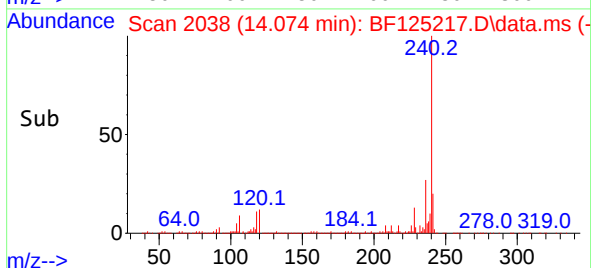
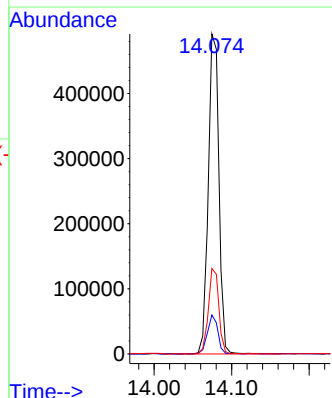
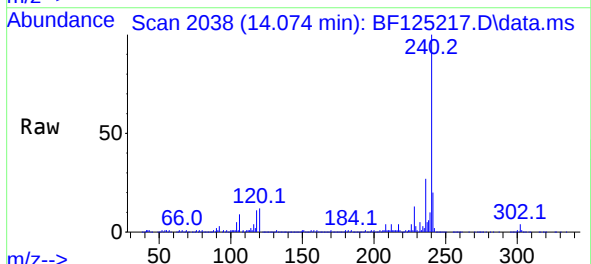
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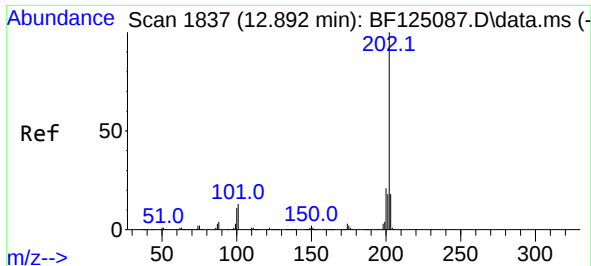
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

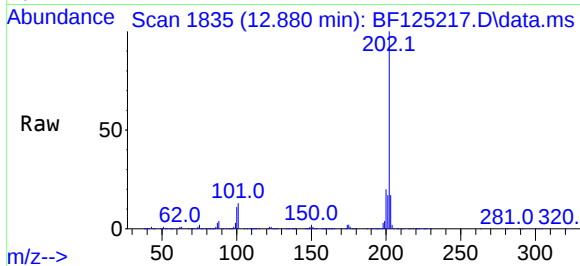
Tgt Ion:240 Resp: 470180
Ion Ratio Lower Upper
240 100
120 12.2 10.8 16.2
236 26.7 21.6 32.4





#78
 Pyrene
 Concen: 7.744 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BF125217.D
 Acq: 25 Aug 2021 19:14

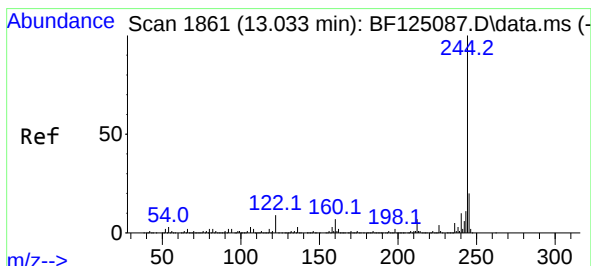
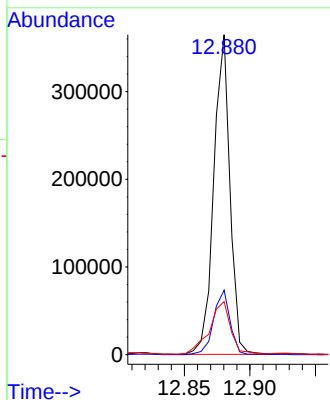
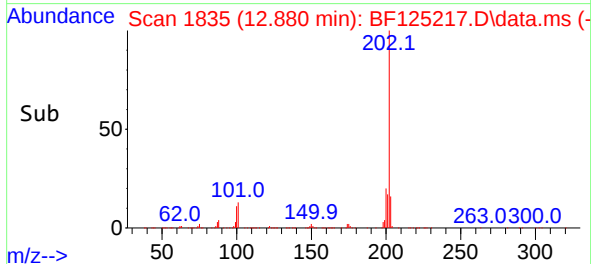
Instrument :
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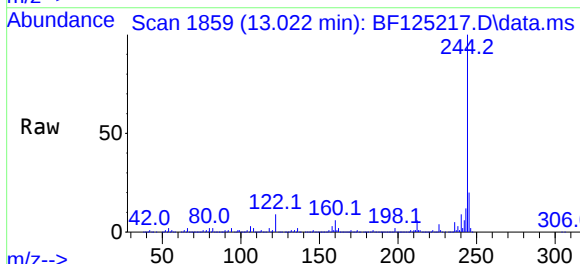
Tgt Ion:202 Resp: 312338
 Ion Ratio Lower Upper
 202 100
 200 20.1 15.3 22.9
 203 16.6 13.4 20.0

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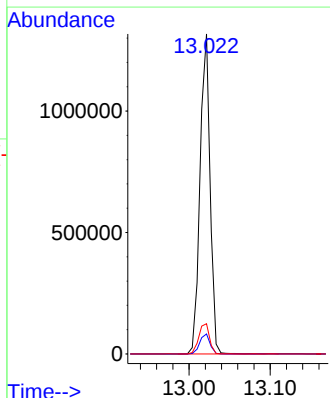
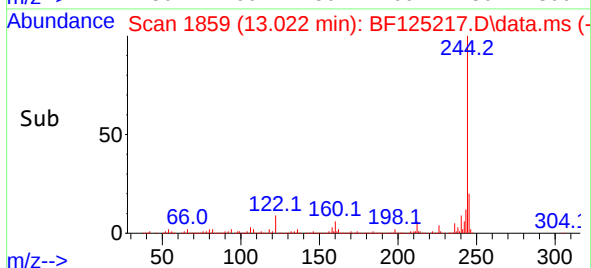
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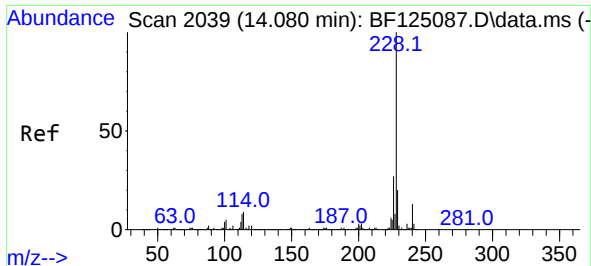


#79
 Terphenyl-d14
 Concen: 38.359 ng
 RT: 13.022 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: BF125217.D
 Acq: 25 Aug 2021 19:14



Tgt Ion:244 Resp: 1132122
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 9.4 9.0 13.4





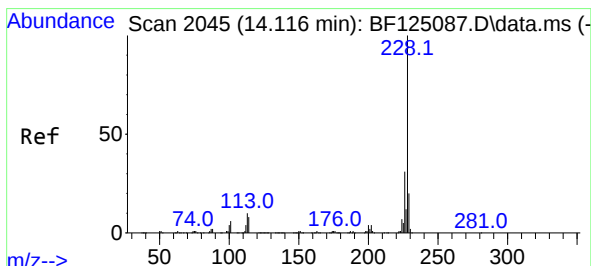
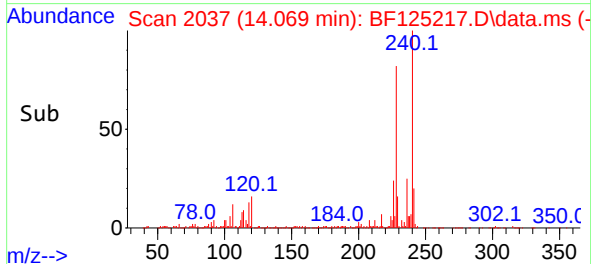
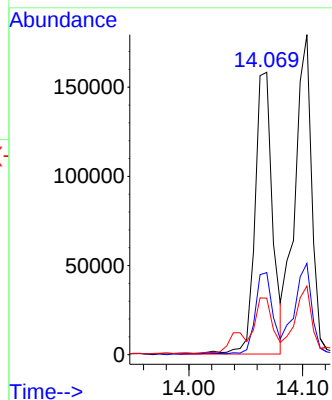
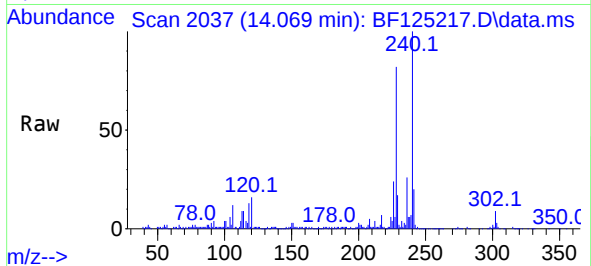
#81
Benzo(a)anthracene
Concen: 5.008 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Tgt Ion:228 Resp: 169642
Ion Ratio Lower Upper
228 100
226 29.1 21.6 32.4
229 20.0 15.6 23.4

Instrument :
BNA_F
ClientSampleId :
SAMPLE-10-(410.75)

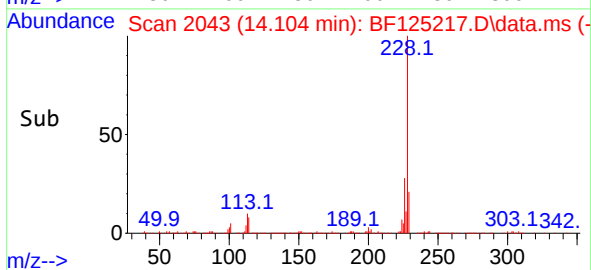
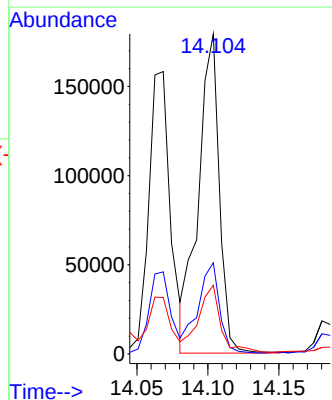
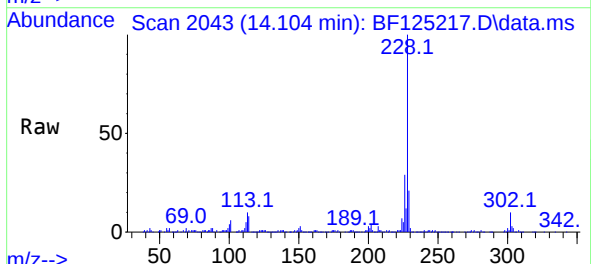
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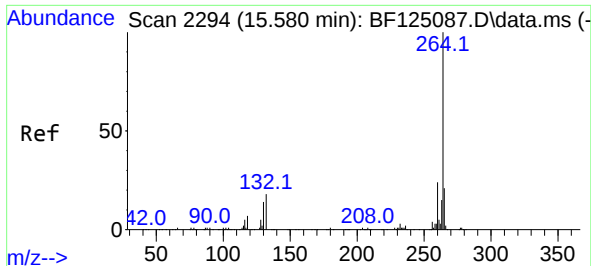
mohammad
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#83
Chrysene
Concen: 5.515 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Tgt Ion:228 Resp: 184756
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 21.4 15.9 23.9





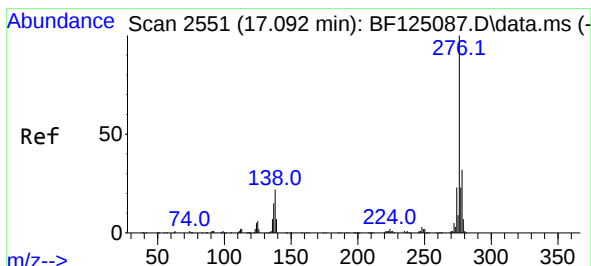
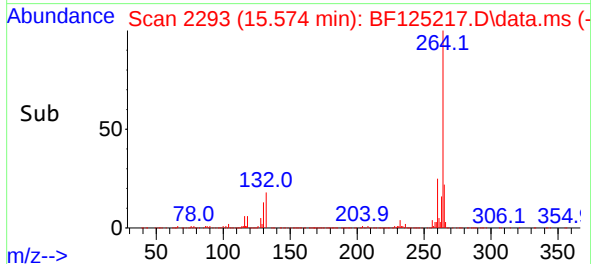
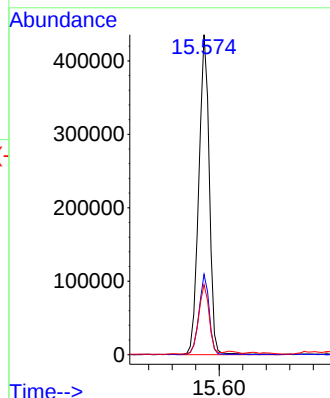
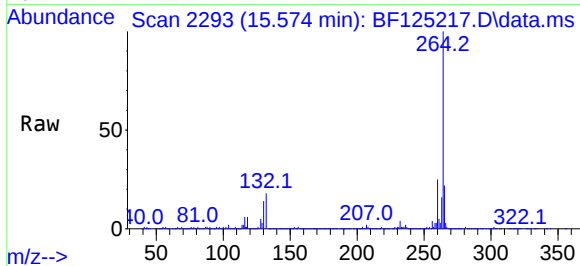
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Tgt Ion:264 Resp: 539686
Ion Ratio Lower Upper
264 100
260 25.1 19.6 29.4
265 21.9 17.2 25.8

Instrument :
BNA_F
ClientSampleId :
SAMPLE-10-(410.75)

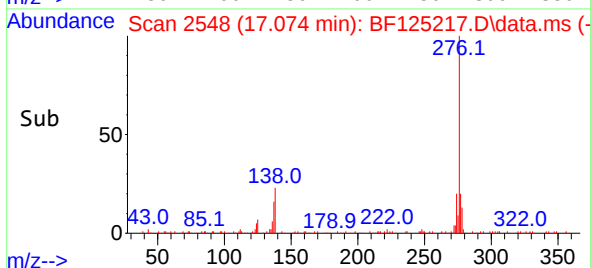
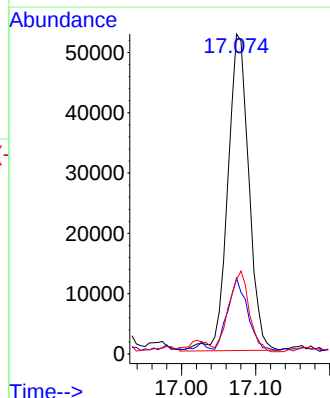
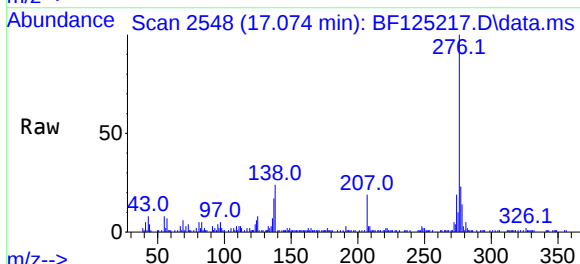
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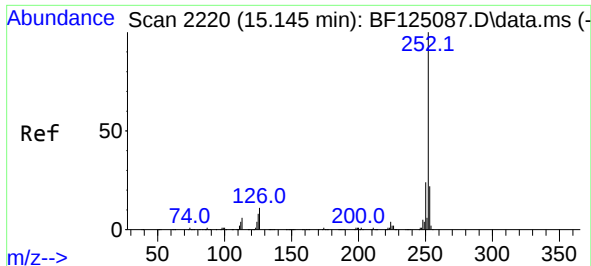
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.660 ng
RT: 17.074 min Scan# 2548
Delta R.T. -0.018 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Tgt Ion:276 Resp: 103408
Ion Ratio Lower Upper
276 100
138 21.4 24.1 36.1#
277 24.6 18.8 28.2





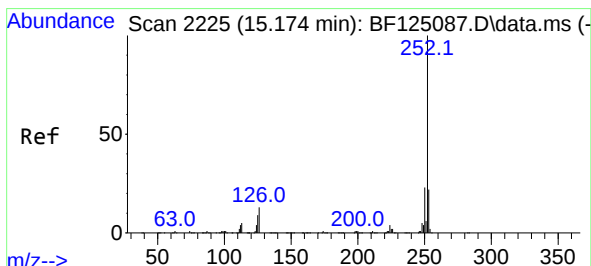
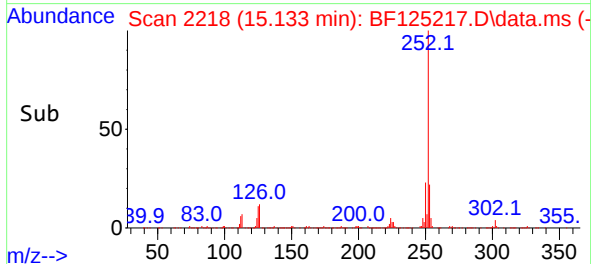
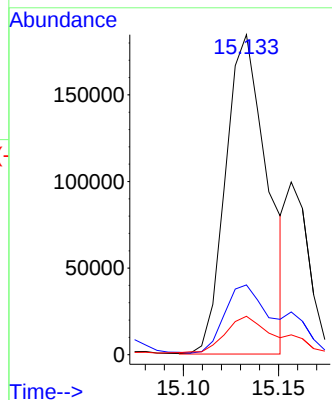
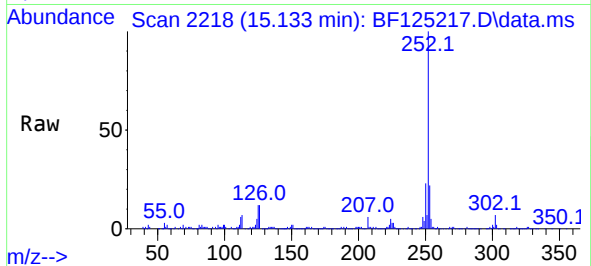
#88
Benzo(b)fluoranthene
Concen: 7.105 ng m
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

Instrument :
BNA_F
ClientSampleId :
SAMPLE-10-(410.75)

Tgt Ion:252 Resp: 280137
Ion Ratio Lower Upper
252 100
253 21.8 16.8 25.2
125 12.0 9.8 14.8

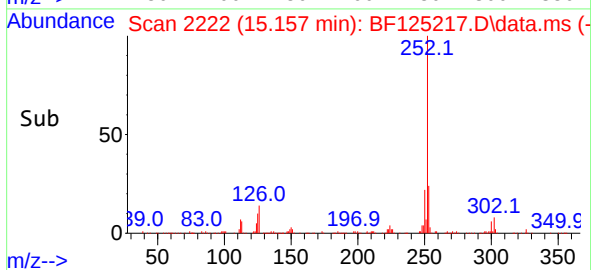
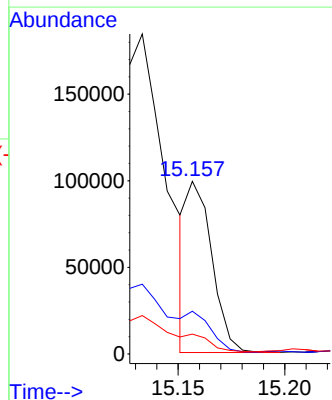
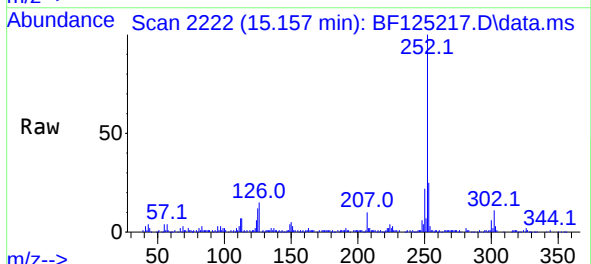
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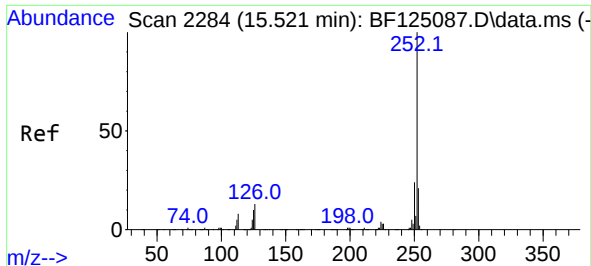
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.179 ng m
RT: 15.157 min Scan# 2222
Delta R.T. -0.012 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

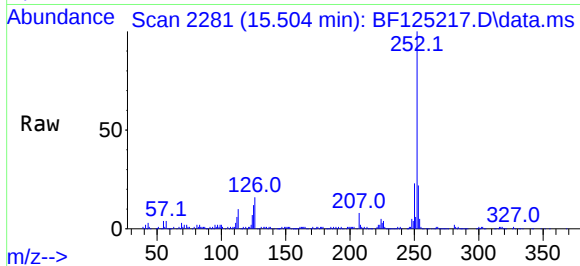
Tgt Ion:252 Resp: 80171
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.8
125 11.5 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 4.507 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.012 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14

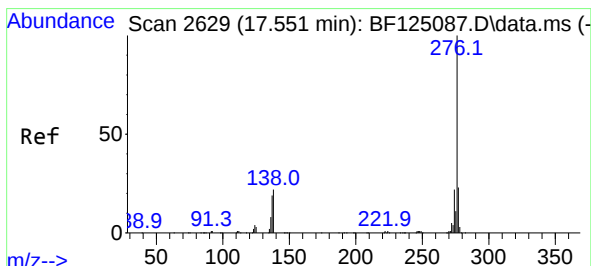
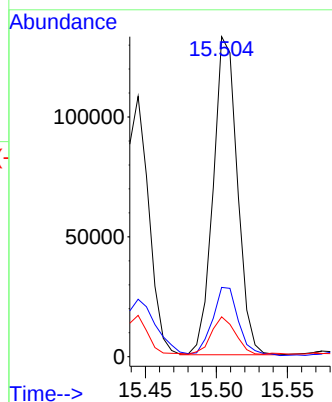
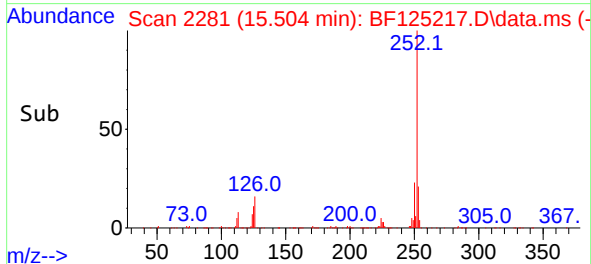
Instrument :
BNA_F
ClientSampleId :
SAMPLE-10-(410.75)



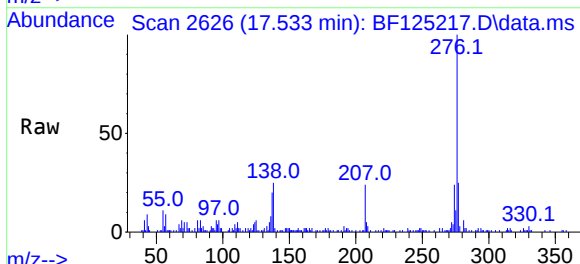
Tgt Ion:252 Resp: 156961
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 12.4 9.9 14.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.792 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.018 min
Lab File: BF125217.D
Acq: 25 Aug 2021 19:14



Tgt Ion:276 Resp: 90464
Ion Ratio Lower Upper
276 100
277 25.1 22.0 33.0
138 24.7 22.2 33.4

