

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125187.D
 Acq On : 24 Aug 2021 16:11
 Operator : JU/CG
 Sample : M3467-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-1-(150.00)

Manual Integrations
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Quant Time: Aug 24 16:59:33 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	142049	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	554644	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	305302	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	538132	20.000	ng	0.00
76) Chrysene-d12	14.080	240	343744	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	352568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	709170	75.565	ng	0.00
7) Phenol-d6	6.534	99	903606	74.447	ng	0.00
23) Nitrobenzene-d5	7.475	82	604654	54.883	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	287158	94.225	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1049618	47.916	ng	0.00
79) Terphenyl-d14	13.021	244	1045347	48.447	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.457	178	59419	2.004	ng	99
75) Fluoranthene	12.651	202	247910	8.426	ng	98
78) Pyrene	12.880	202	251113	8.516	ng	97
81) Benzo(a)anthracene	14.068	228	125631	5.072	ng	96
83) Chrysene	14.104	228	203449	8.306	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	102389m	4.031	ng	
88) Benzo(b)fluoranthene	15.133	252	308283m	11.968	ng	
89) Benzo(k)fluoranthene	15.163	252	98603m	4.102	ng	
90) Benzo(a)pyrene	15.510	252	104421m	4.589	ng	
92) Benzo(g,h,i)perylene	17.533	276	92995	4.393	ng	# 90

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

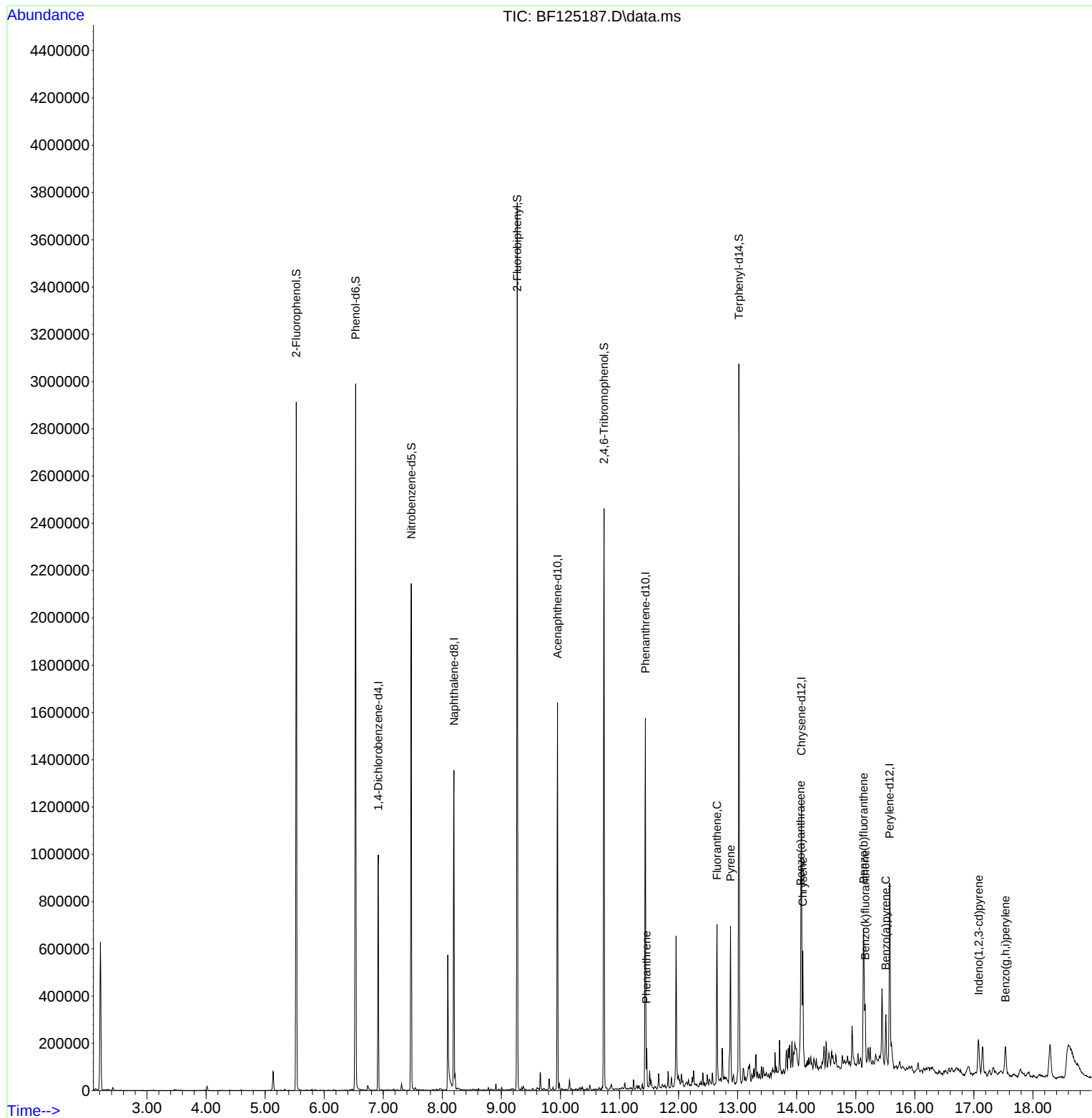
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125187.D
Acq On : 24 Aug 2021 16:11
Operator : JU/CG
Sample : M3467-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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Manual Integrations
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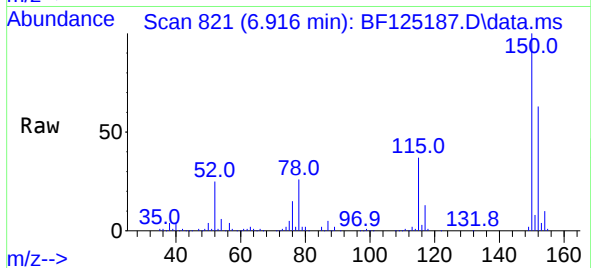
Quant Time: Aug 24 16:59:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

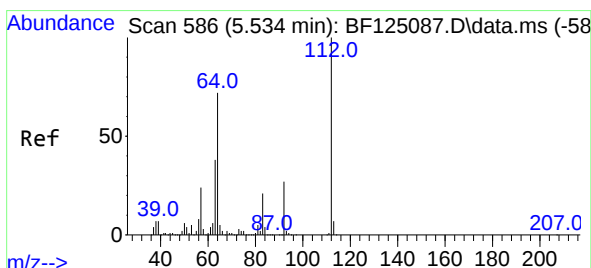
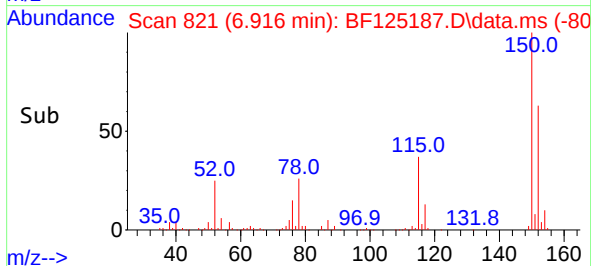
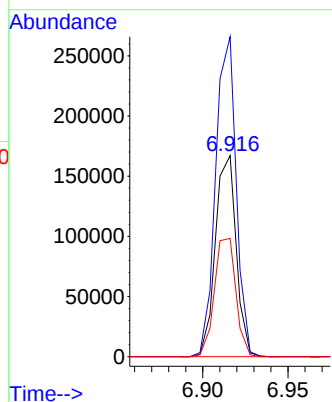
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)



Tgt Ion:152 Resp: 142049
Ion Ratio Lower Upper
152 100
150 159.1 117.6 176.4
115 58.8 47.1 70.7

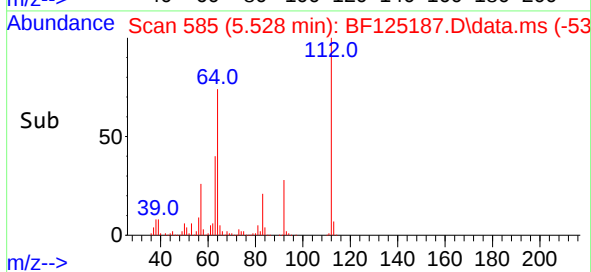
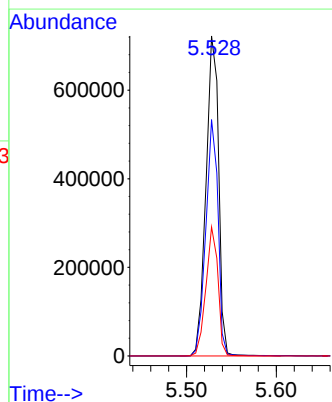
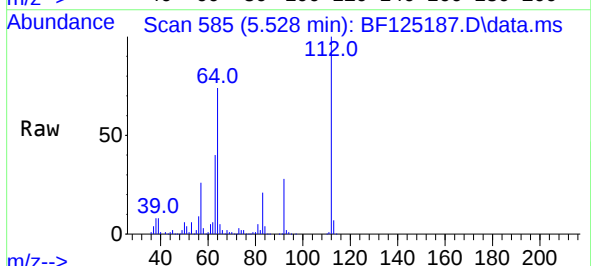
Manual Integrations
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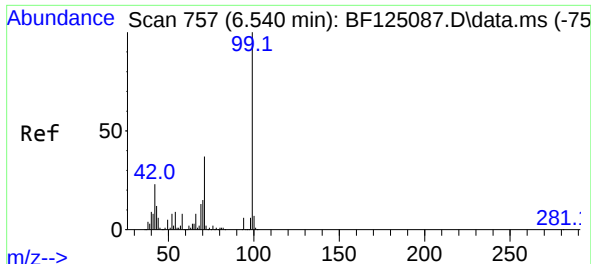
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#5
2-Fluorophenol
Concen: 75.565 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Tgt Ion:112 Resp: 709170
Ion Ratio Lower Upper
112 100
64 73.9 44.2 66.2#
63 40.3 26.2 39.2#





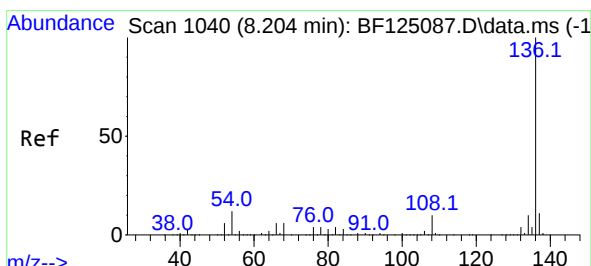
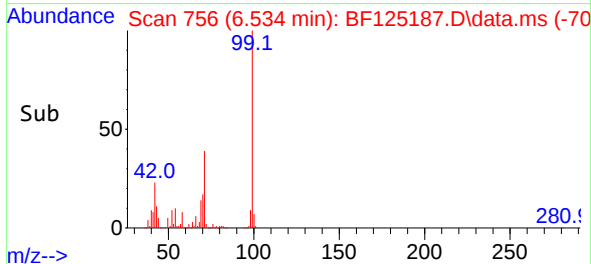
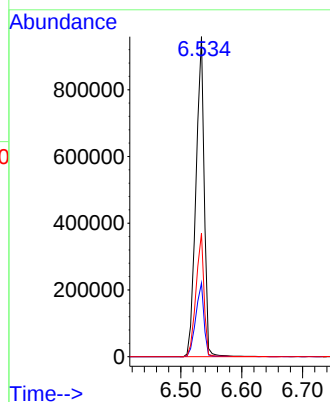
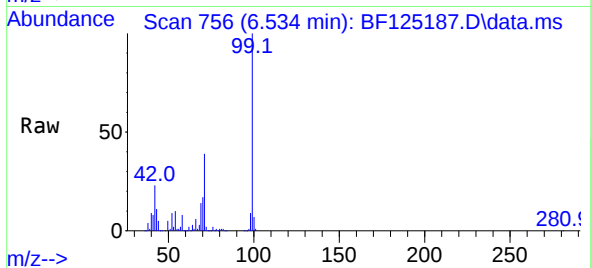
#7
Phenol-d6
Concen: 74.447 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Tgt Ion: 99 Resp: 903606
Ion Ratio Lower Upper
99 100
42 23.0 23.5 35.3#
71 38.5 25.6 38.4#

Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)

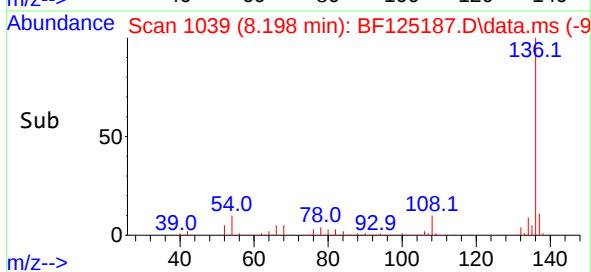
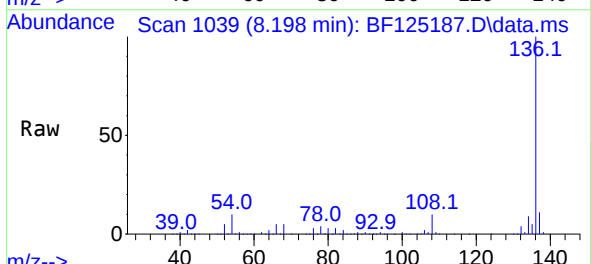
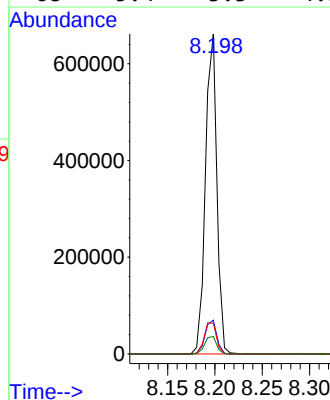
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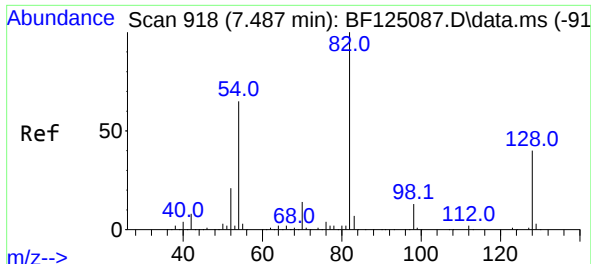
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

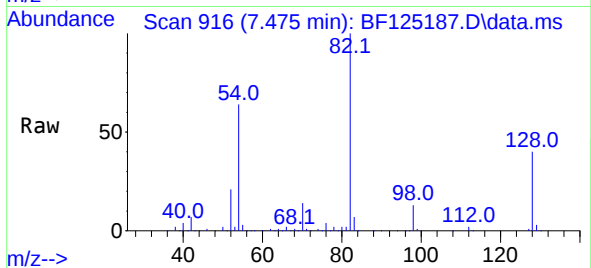
Tgt Ion: 136 Resp: 554644
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 9.6 6.4 9.6
68 5.4 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 54.883 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

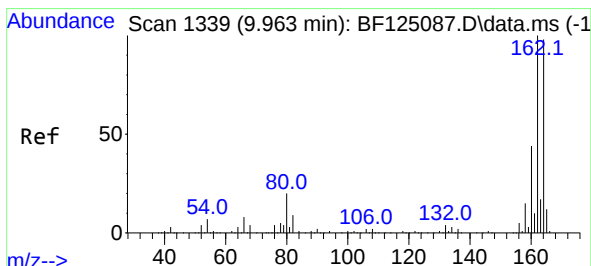
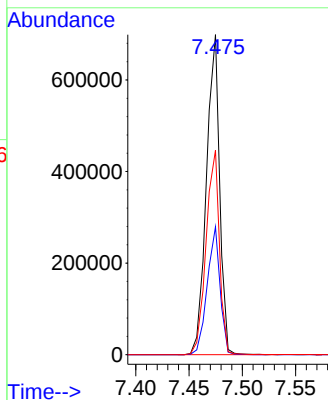
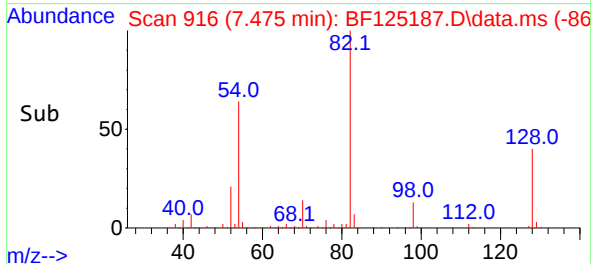
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)



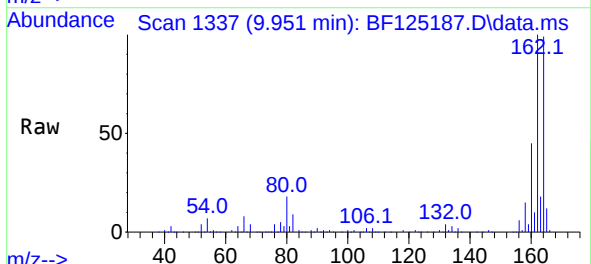
Tgt Ion: 82 Resp: 604654
Ion Ratio Lower Upper
82 100
128 39.9 40.6 60.8#
54 63.9 49.6 74.4

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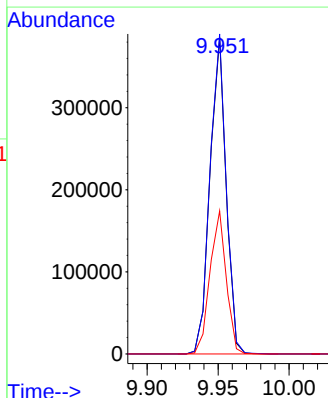
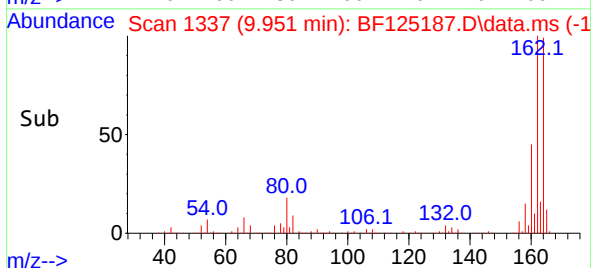
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11



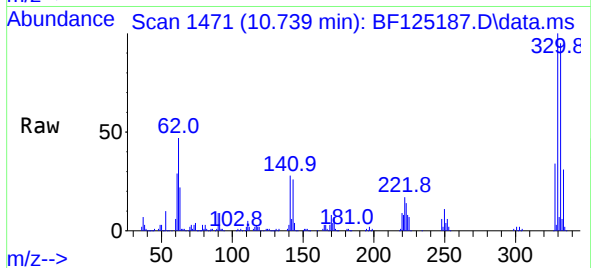
Tgt Ion:164 Resp: 305302
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.2 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 94.225 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

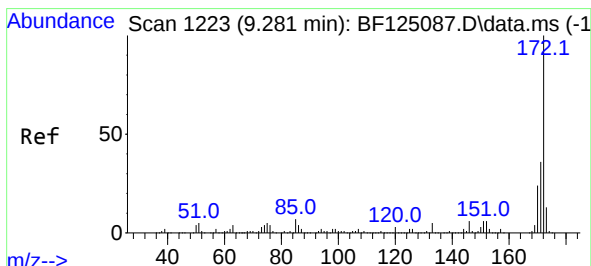
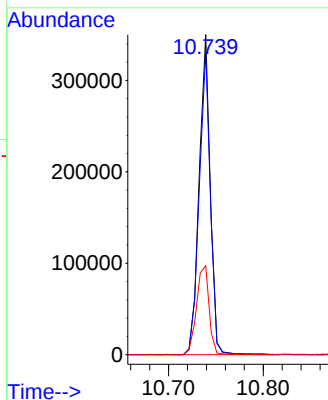
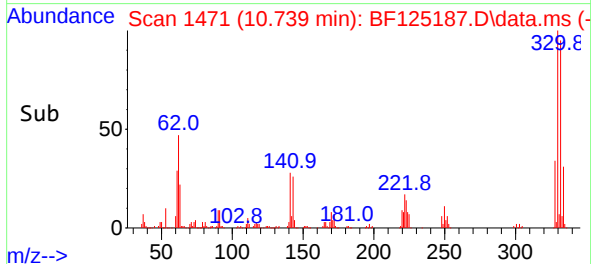
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ClientSampleId :
SAMPLE-1-(150.00)



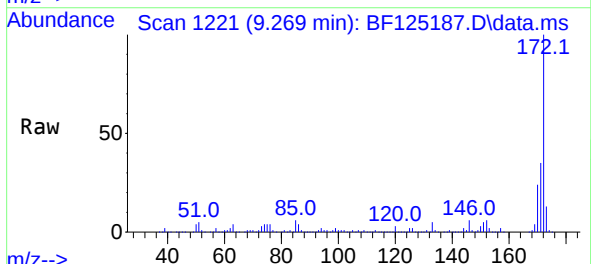
Tgt Ion:330 Resp: 287158
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 31.6 44.6 66.8#

Manual Integrations
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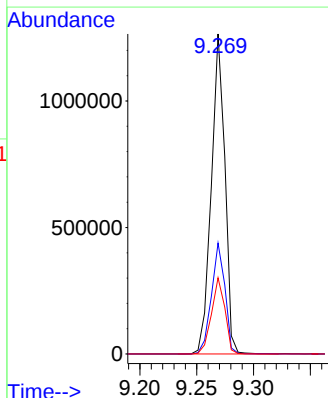
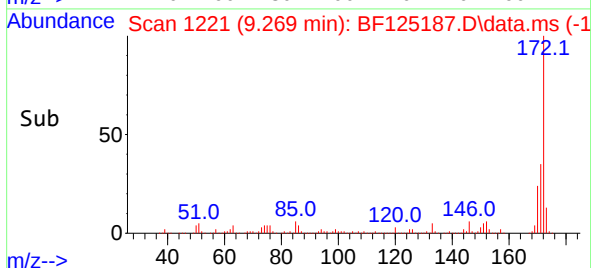
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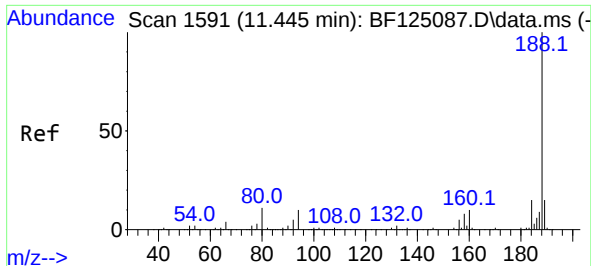


#45
2-Fluorobiphenyl
Concen: 47.916 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11



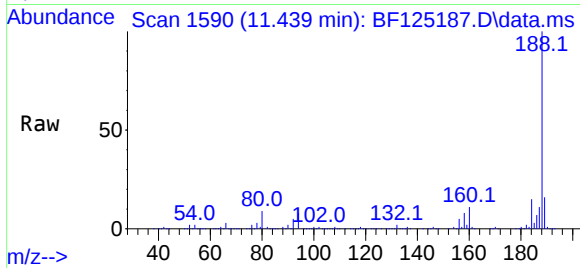
Tgt Ion:172 Resp: 1049618
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.8 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

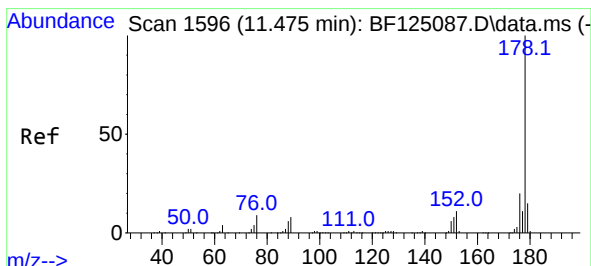
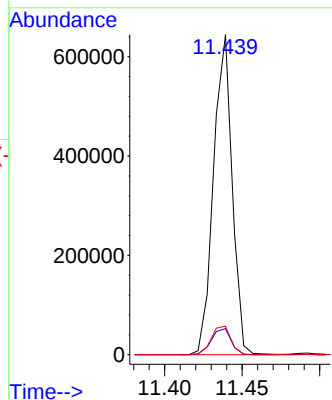
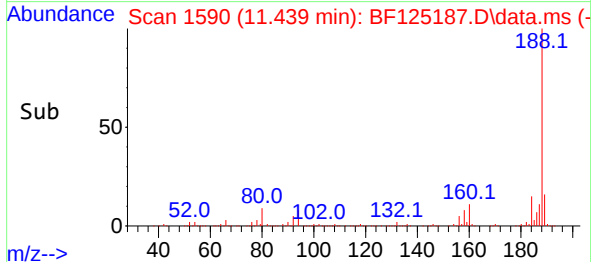
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)



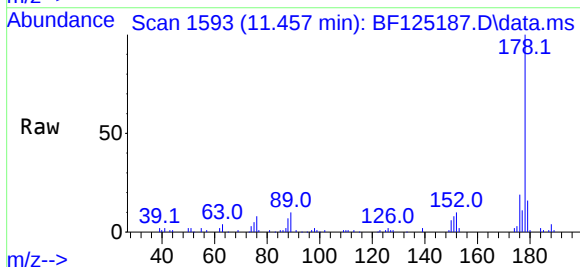
Tgt Ion:188 Resp: 538132
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.9 7.5 11.3

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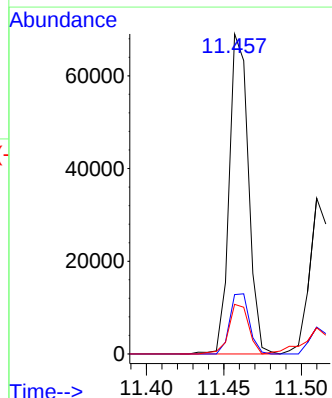
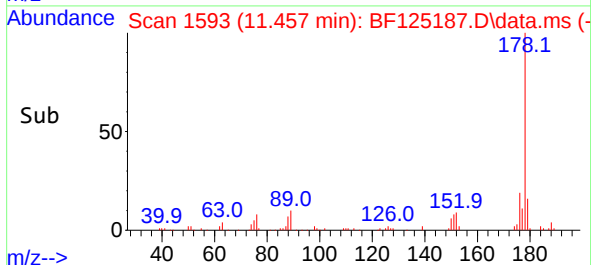
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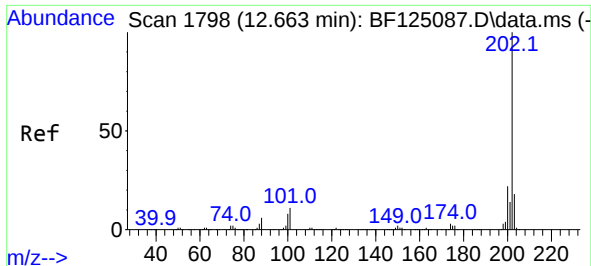


#71
Phenanthrene
Concen: 2.004 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11



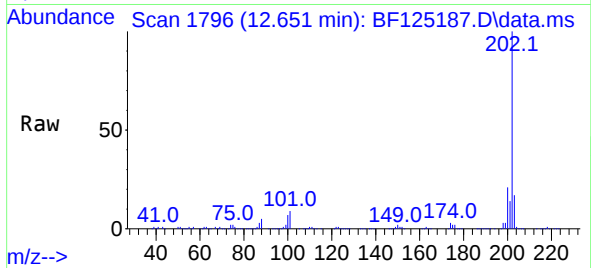
Tgt Ion:178 Resp: 59419
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.5 11.5 17.3





#75
Fluoranthene
Concen: 8.426 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

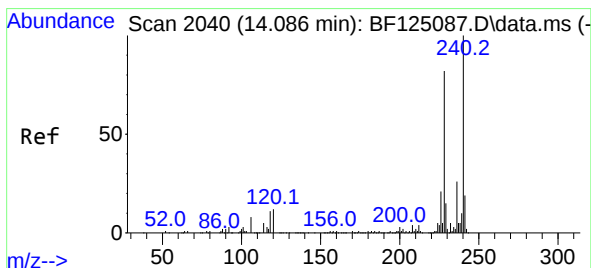
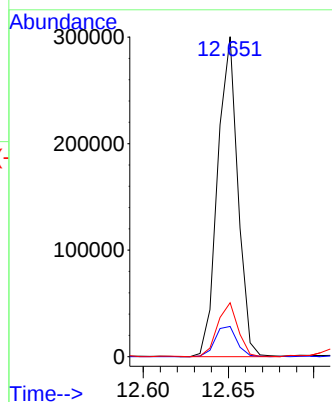
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)



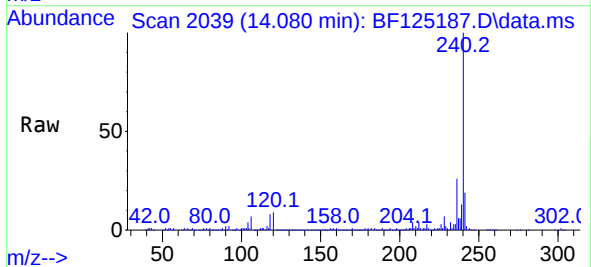
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Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 16.8 0.0 36.3

Manual Integrations
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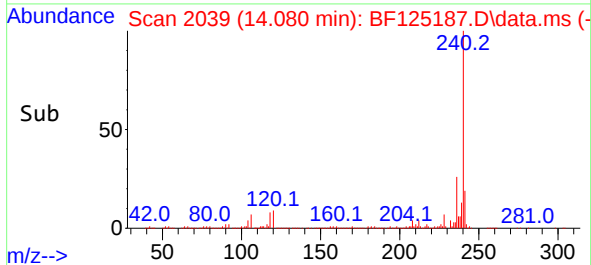
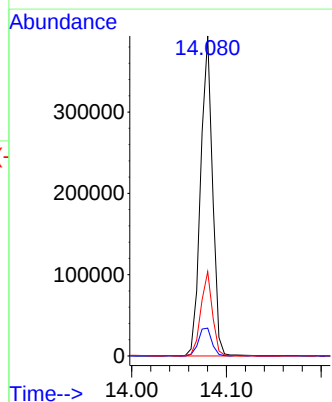
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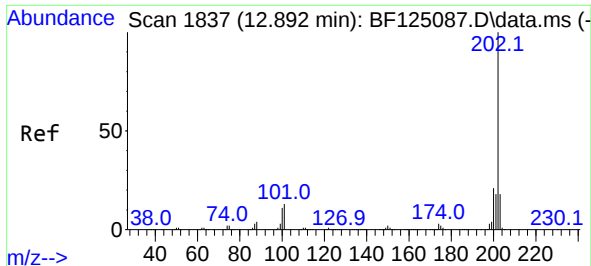


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11



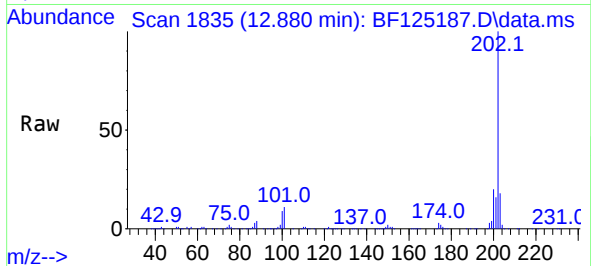
Tgt Ion:240 Resp: 343744
Ion Ratio Lower Upper
240 100
120 8.7 10.8 16.2#
236 26.3 21.6 32.4





#78
Pyrene
Concen: 8.516 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

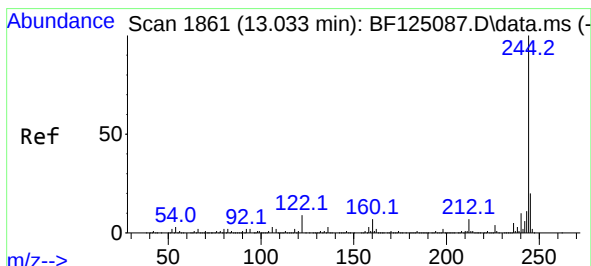
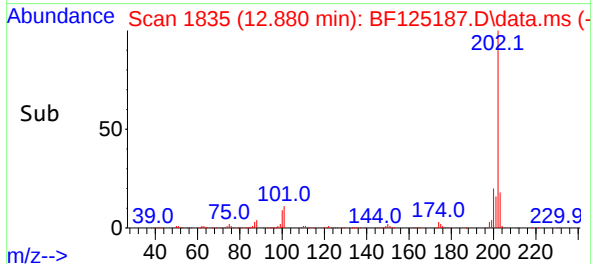
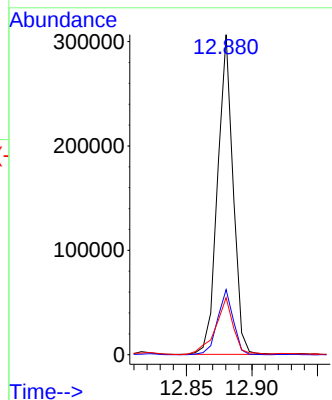
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)



Tgt Ion:202 Resp: 251113
Ion Ratio Lower Upper
202 100
200 20.4 15.3 22.9
203 17.8 13.4 20.0

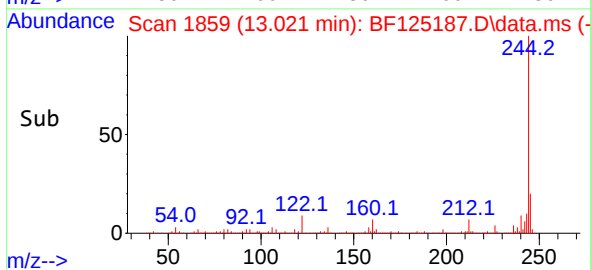
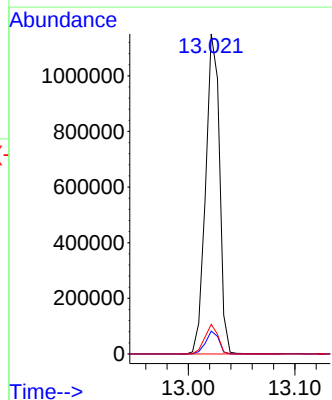
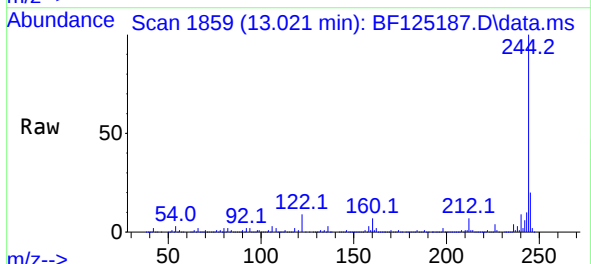
Manual Integrations
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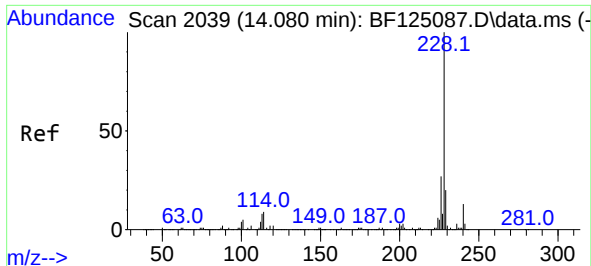
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#79
Terphenyl-d14
Concen: 48.447 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Tgt Ion:244 Resp: 1045347
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.3 9.0 13.4





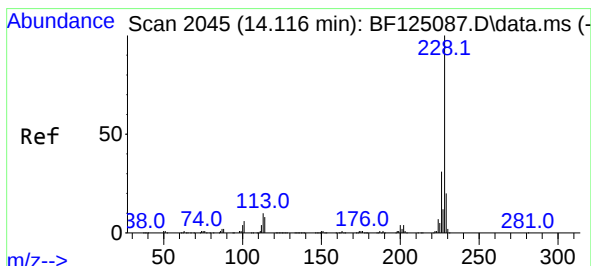
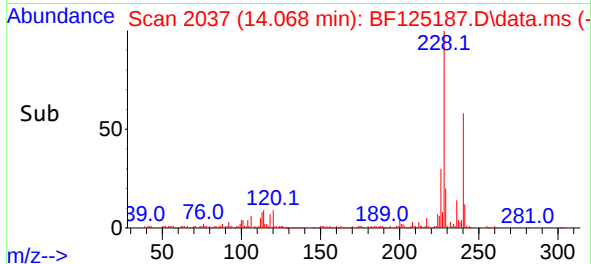
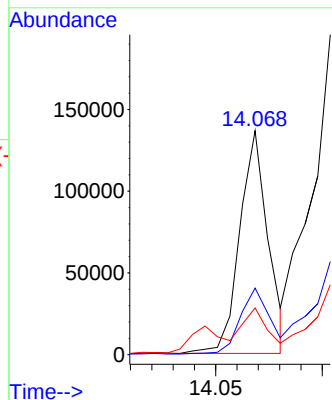
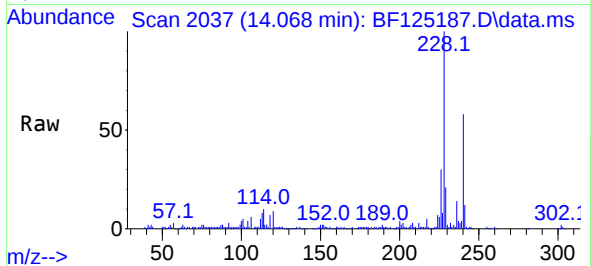
#81
Benzo(a)anthracene
Concen: 5.072 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

Tgt Ion:228 Resp: 125631
Ion Ratio Lower Upper
228 100
226 29.7 21.6 32.4
229 20.9 15.6 23.4

Instrument :
BNA_F
ClientSampleId :
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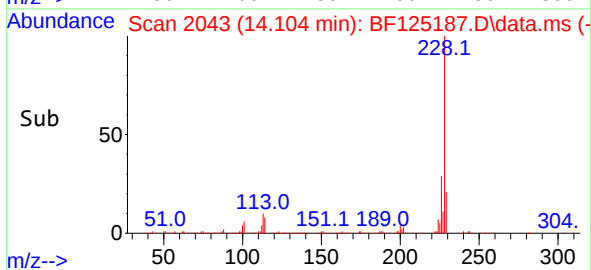
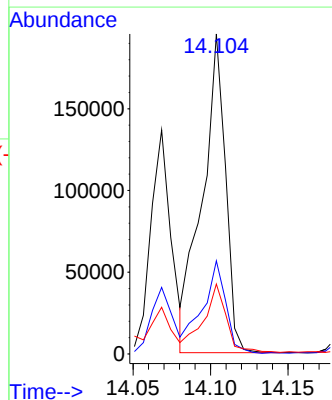
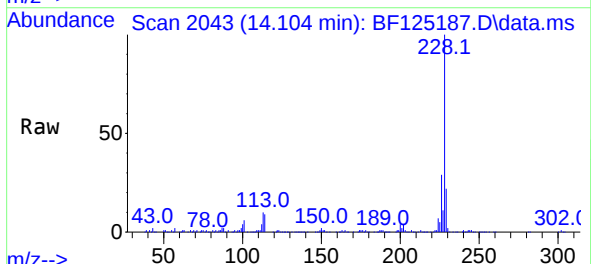
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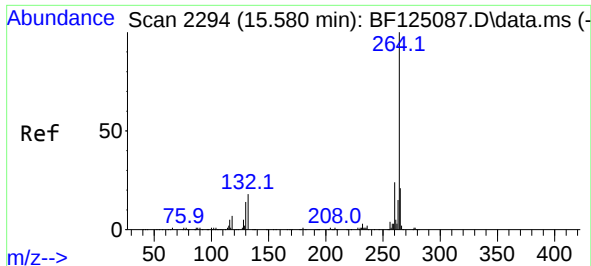
mohammad
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#83
Chrysene
Concen: 8.306 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

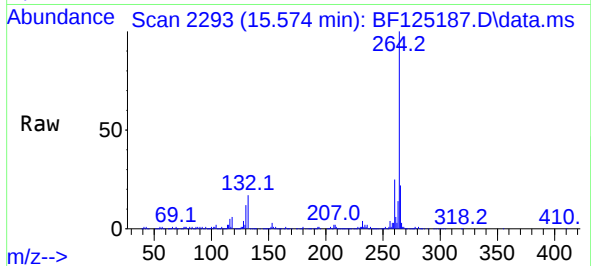
Tgt Ion:228 Resp: 203449
Ion Ratio Lower Upper
228 100
226 29.1 22.6 34.0
229 21.9 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

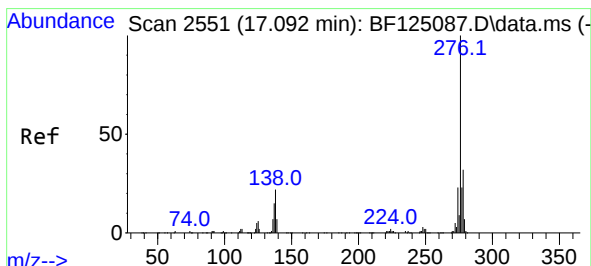
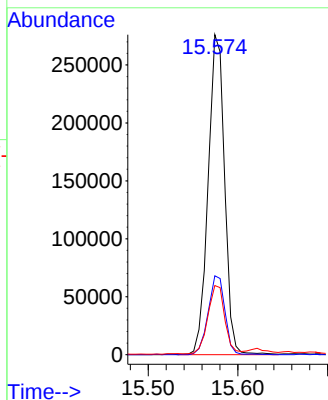
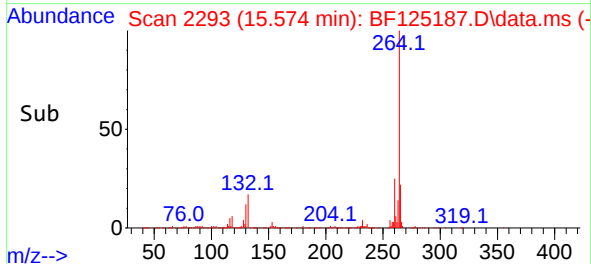
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)



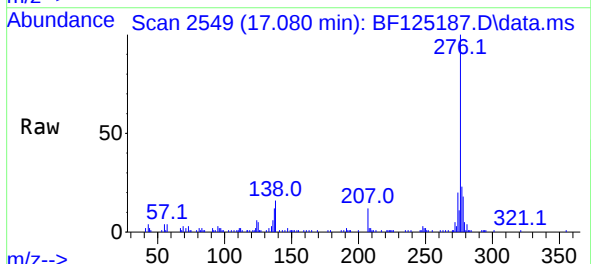
Tgt Ion:264 Resp: 352568
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 21.6 17.2 25.8

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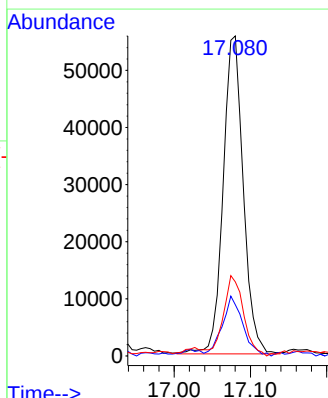
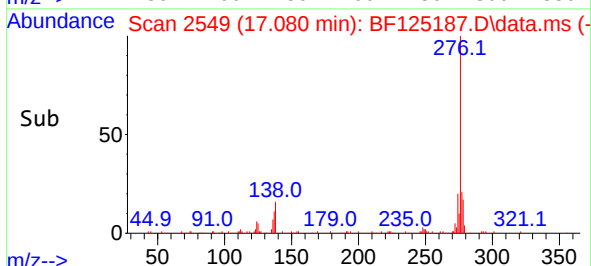
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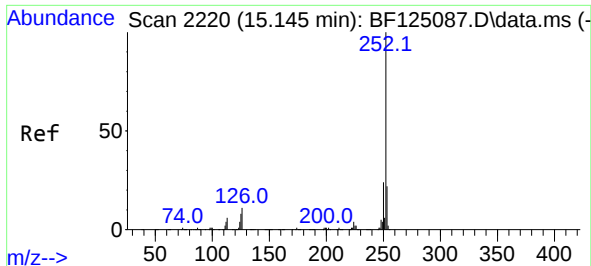


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.031 ng m
RT: 17.080 min Scan# 2549
Delta R.T. -0.012 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11



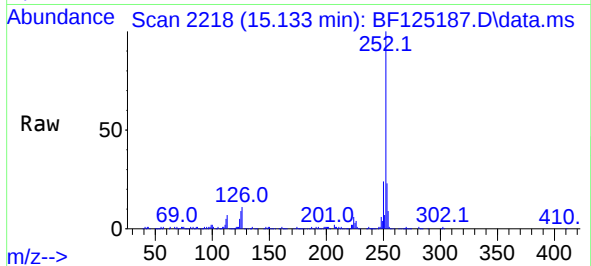
Tgt Ion:276 Resp: 102389
Ion Ratio Lower Upper
276 100
138 5.3 24.1 36.1#
277 5.6 18.8 28.2#





#88
Benzo(b)fluoranthene
Concen: 11.968 ng m
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

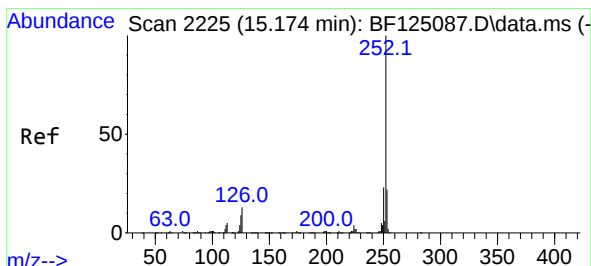
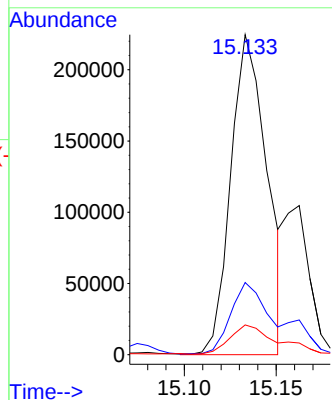
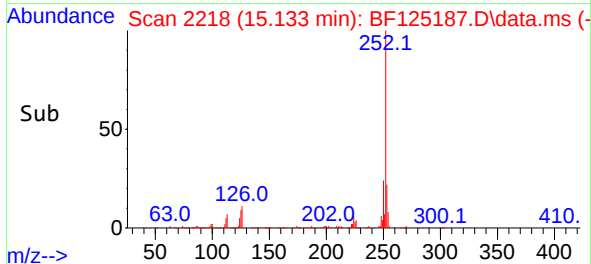
Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)



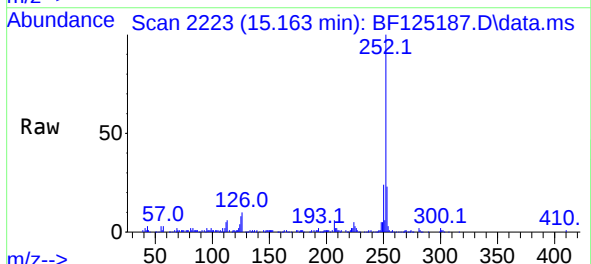
Tgt Ion:252 Resp: 308283
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 9.3 9.8 14.8#

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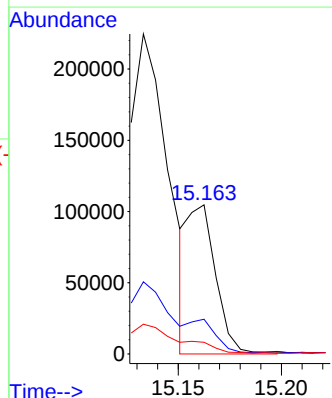
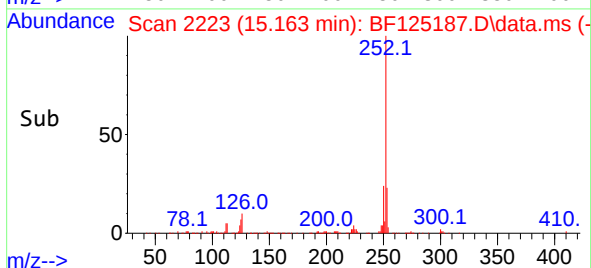
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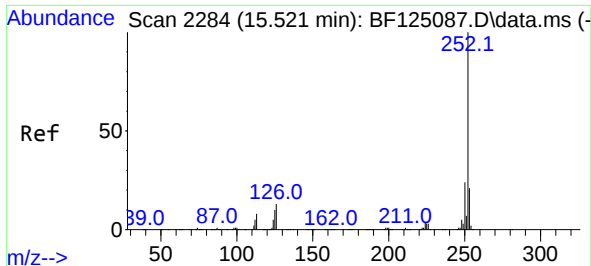


#89
Benzo(k)fluoranthene
Concen: 4.102 ng m
RT: 15.163 min Scan# 2223
Delta R.T. -0.006 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11

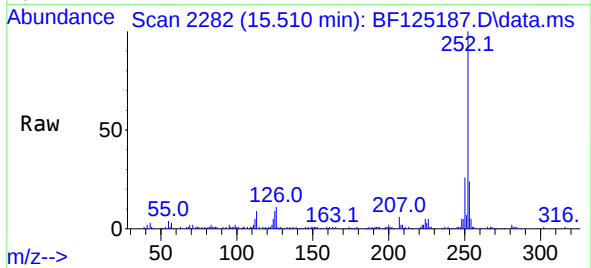


Tgt Ion:252 Resp: 98603
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 7.8 7.2 10.8

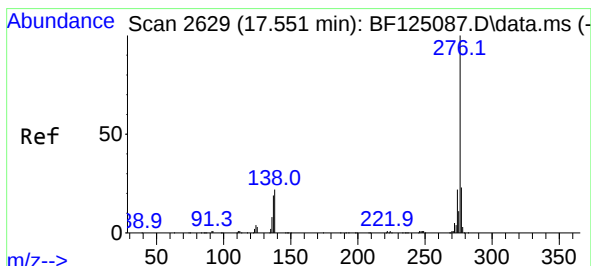
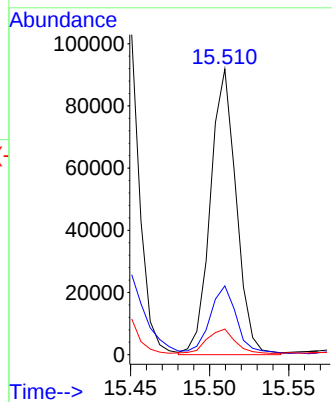
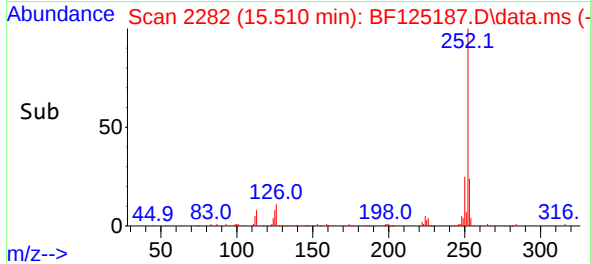




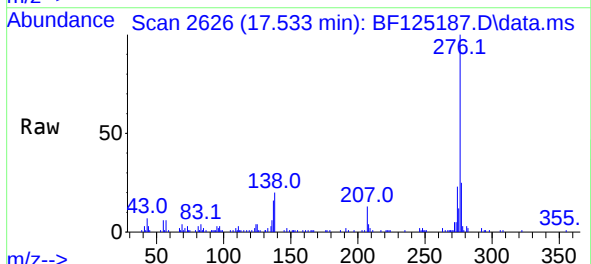
#90
Benzo(a)pyrene
Concen: 4.589 ng m
RT: 15.510 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11



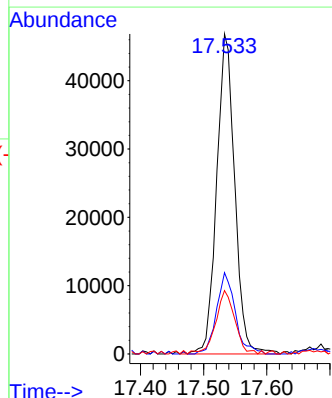
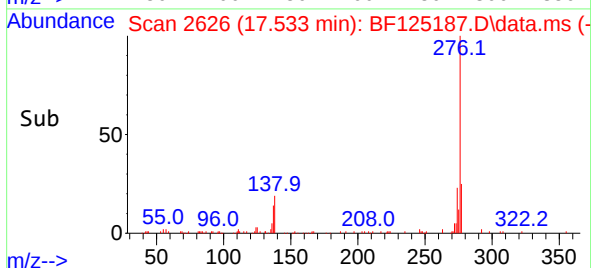
Tgt Ion:252 Resp: 104421
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 9.0 9.9 14.9#



#92
Benzo(g,h,i)perylene
Concen: 4.393 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.018 min
Lab File: BF125187.D
Acq: 24 Aug 2021 16:11



Tgt Ion:276 Resp: 92995
Ion Ratio Lower Upper
276 100
277 25.4 22.0 33.0
138 19.8 22.2 33.4#



Instrument :
BNA_F
ClientSampleId :
SAMPLE-1-(150.00)

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