

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125186.D
 Acq On : 24 Aug 2021 15:38
 Operator : JU/CG
 Sample : M3467-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4-(177.00)

Manual Integrations
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Quant Time: Aug 24 16:59:15 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	143192	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	561589	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	310771	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	576315	20.000	ng	0.00
76) Chrysene-d12	14.080	240	370522	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	364053	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	714585	75.535	ng	0.00
7) Phenol-d6	6.534	99	937389	76.614	ng	0.00
23) Nitrobenzene-d5	7.475	82	648133	58.102	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	281473	90.734	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	937746	42.056	ng	0.00
79) Terphenyl-d14	13.021	244	832654	35.801	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.651	202	200951	6.378	ng	97
78) Pyrene	12.880	202	198046	6.231	ng	97
81) Benzo(a)anthracene	14.068	228	89499m	3.352	ng	
83) Chrysene	14.104	228	123722	4.686	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	55659	2.122	ng	# 91
88) Benzo(b)fluoranthene	15.133	252	166579m	6.263	ng	
90) Benzo(a)pyrene	15.510	252	68201m	2.903	ng	
92) Benzo(g,h,i)perylene	17.527	276	52702	2.411	ng	# 90

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

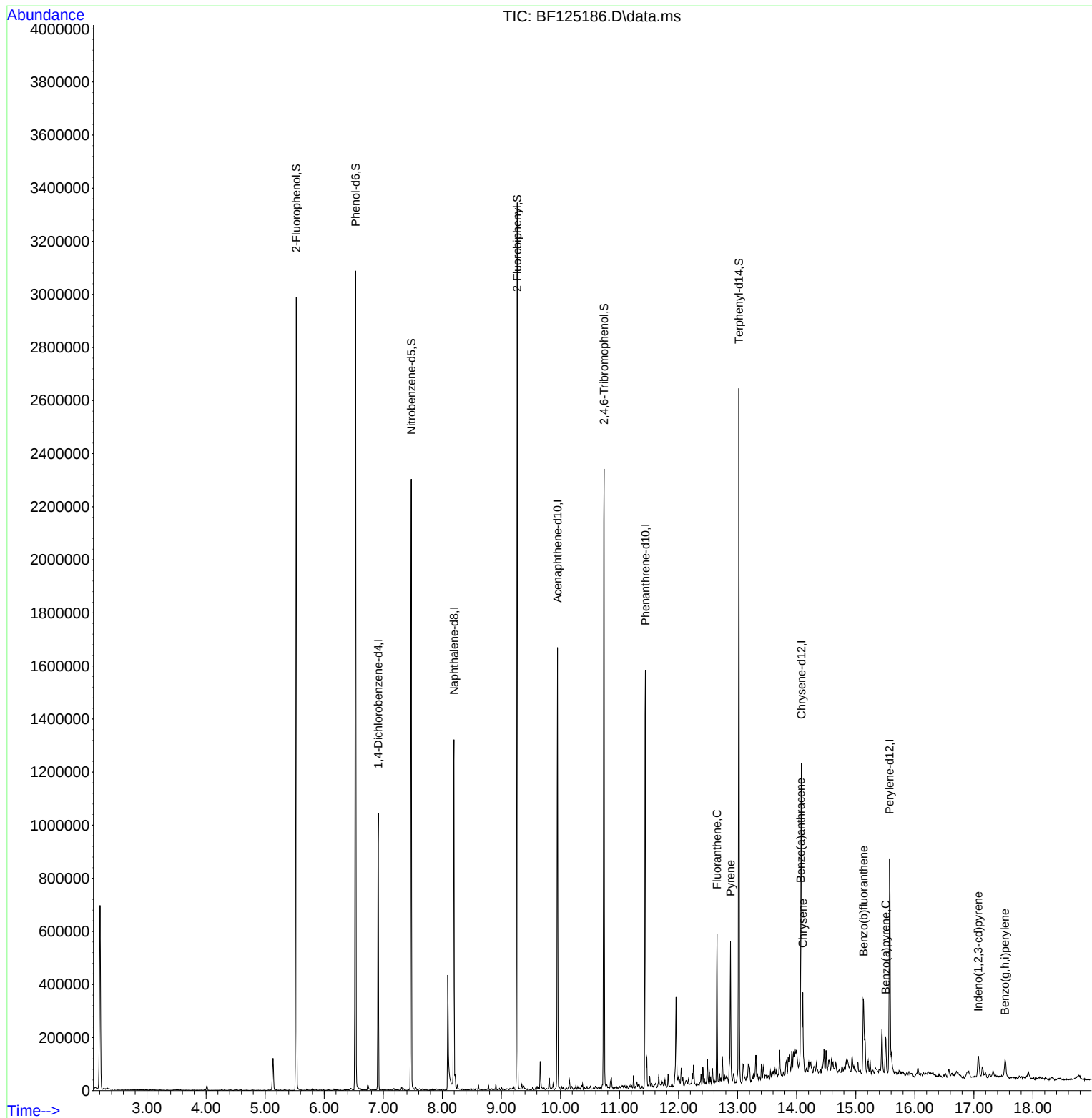
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125186.D
Acq On : 24 Aug 2021 15:38
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ALS Vial : 9 Sample Multiplier: 1

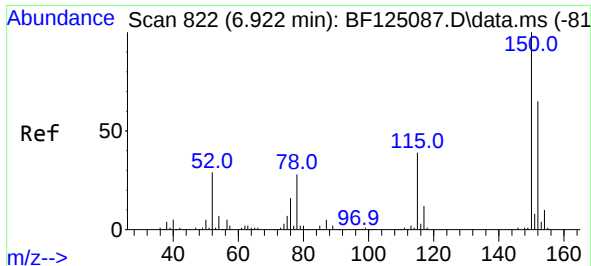
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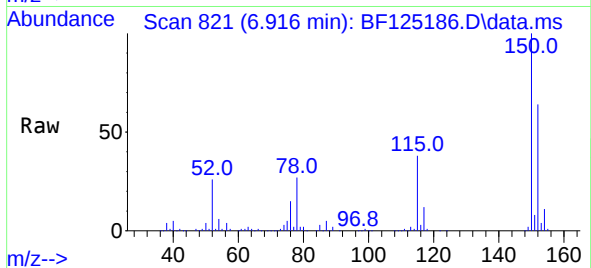
Quant Time: Aug 24 16:59:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38

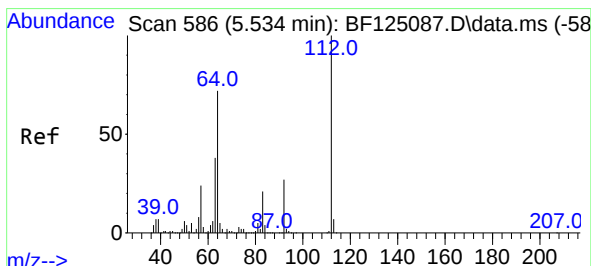
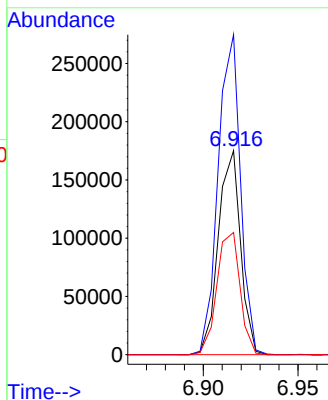
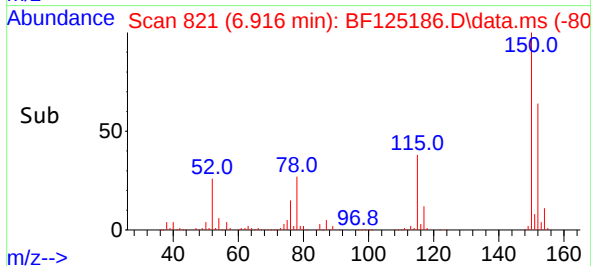
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BNA_F
ClientSampleId :
SAMPLE-4-(177.00)



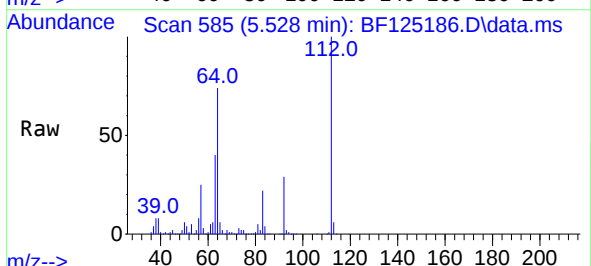
Tgt Ion:152 Resp: 143192
Ion Ratio Lower Upper
152 100
150 156.9 117.6 176.4
115 60.0 47.1 70.7

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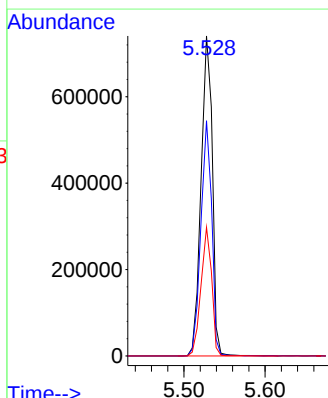
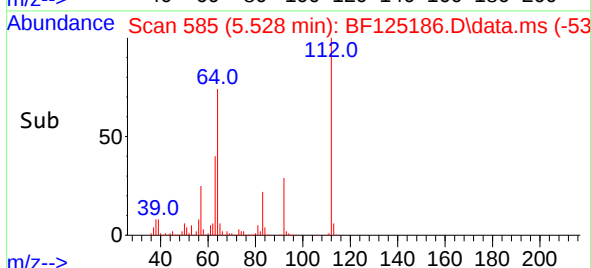
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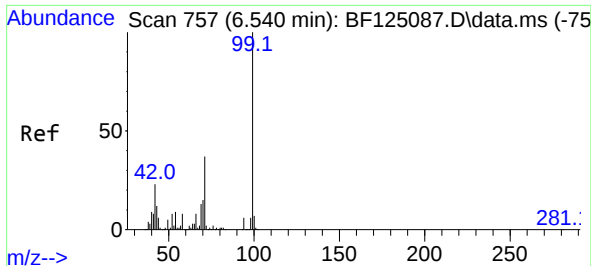


#5
2-Fluorophenol
Concen: 75.535 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38



Tgt Ion:112 Resp: 714585
Ion Ratio Lower Upper
112 100
64 73.5 44.2 66.2#
63 40.2 26.2 39.2#





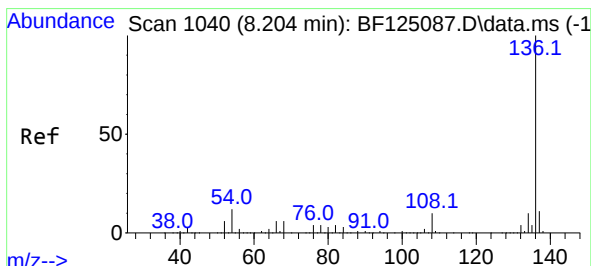
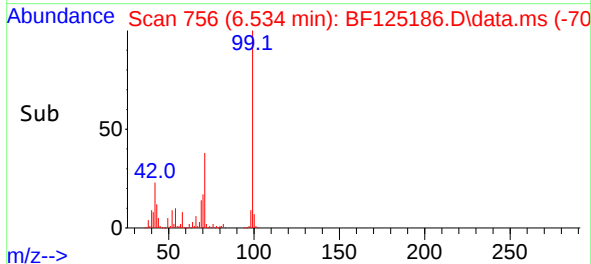
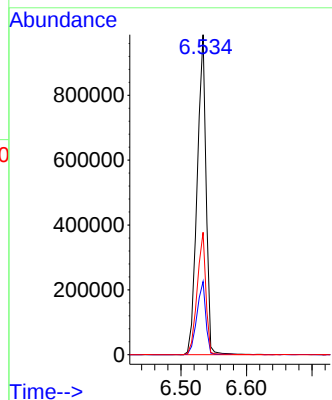
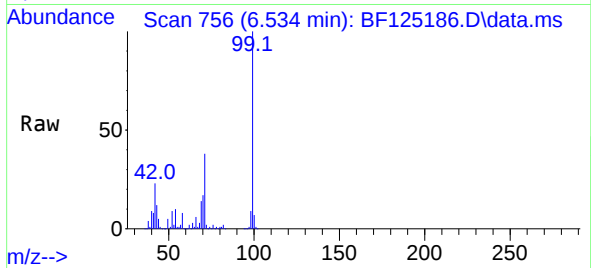
#7
Phenol-d6
Concen: 76.614 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38

Tgt Ion: 99 Resp: 937389
Ion Ratio Lower Upper
99 100
42 22.8 23.5 35.3#
71 38.2 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
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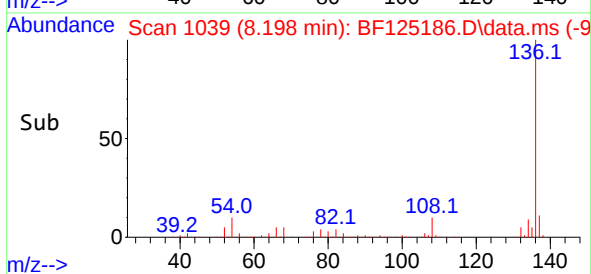
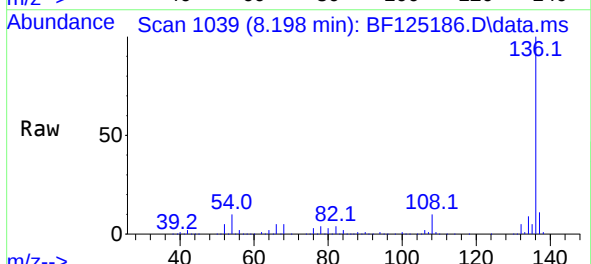
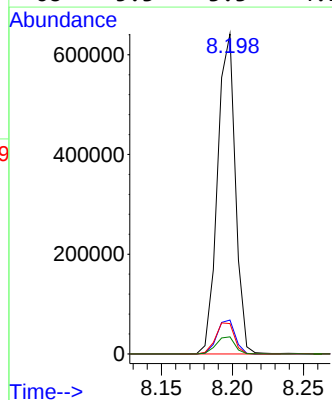
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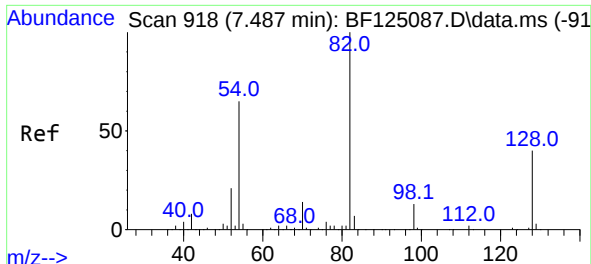
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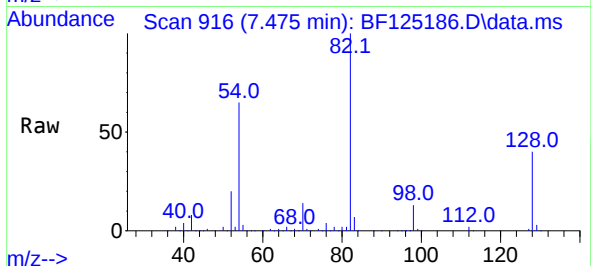
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38

Tgt Ion: 136 Resp: 561589
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.5 6.4 9.6
68 5.3 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 58.102 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38

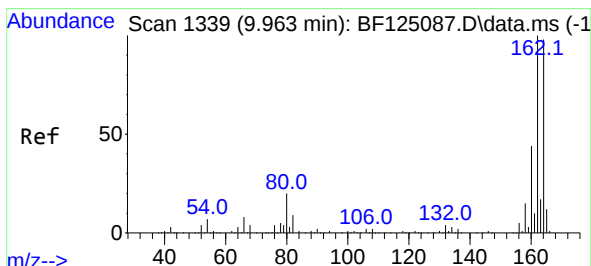
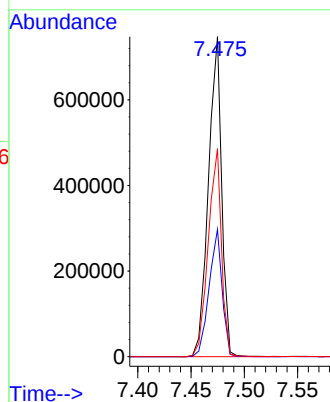


Tgt Ion: 82 Resp: 648133
Ion Ratio Lower Upper
82 100
128 39.8 40.6 60.8#
54 65.0 49.6 74.4

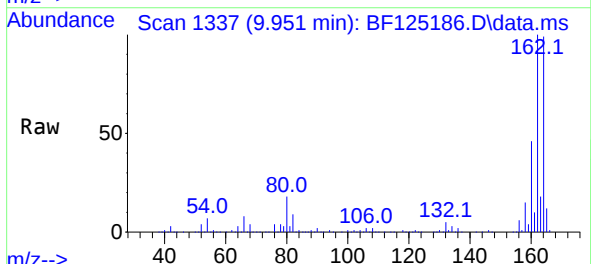
Instrument :
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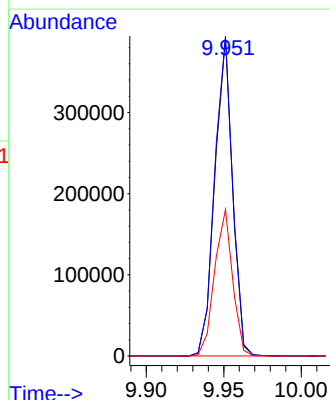
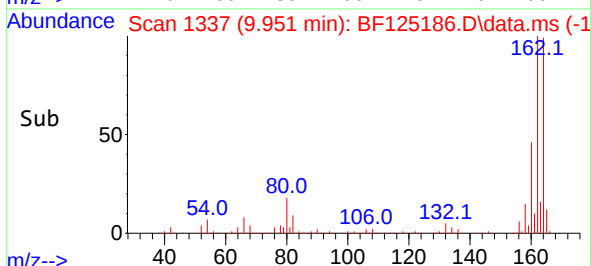
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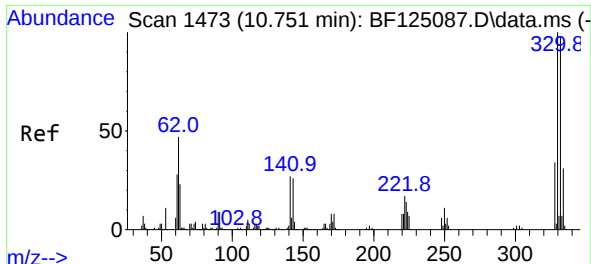


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38



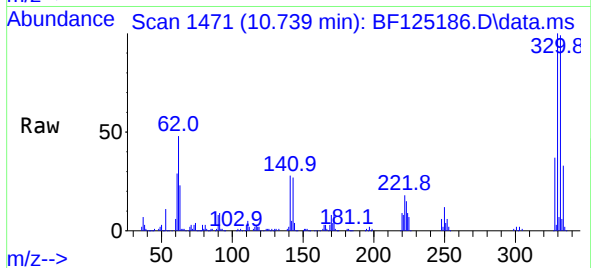
Tgt Ion: 164 Resp: 310771
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 46.0 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 90.734 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38

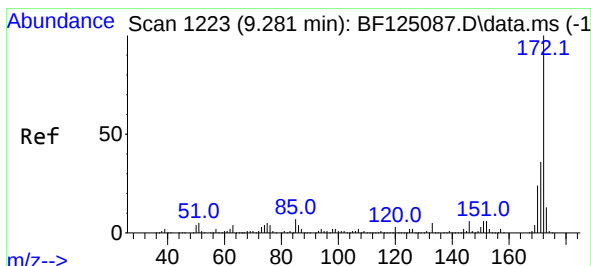
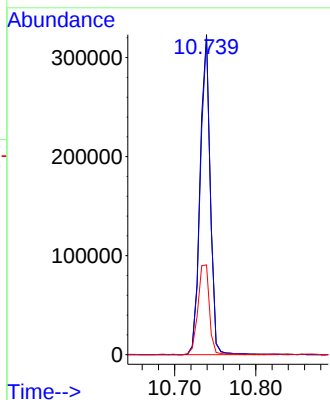
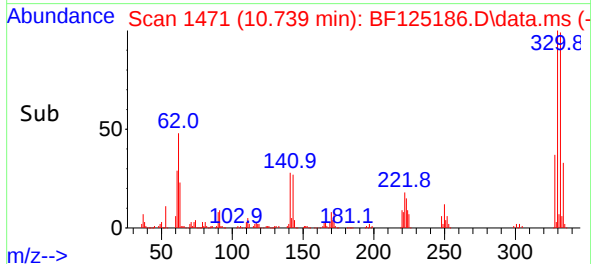
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ClientSampleId :
SAMPLE-4-(177.00)



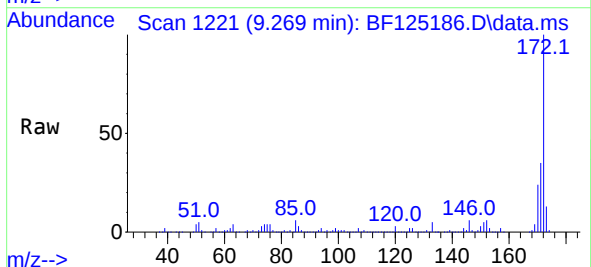
Tgt Ion:330 Resp: 281473
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 31.7 44.6 66.8#

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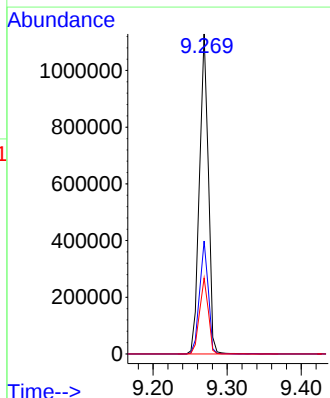
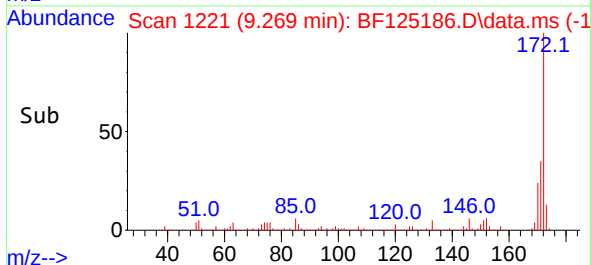
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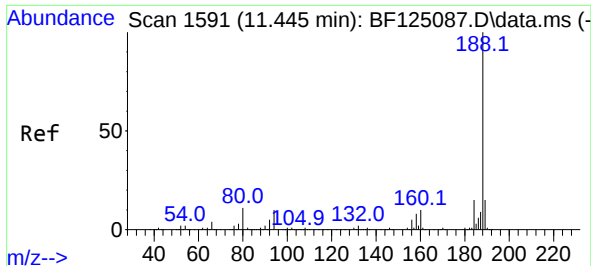


#45
2-Fluorobiphenyl
Concen: 42.056 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38



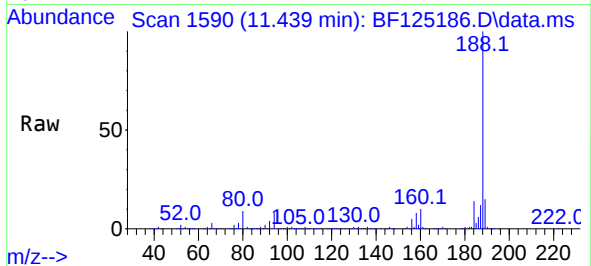
Tgt Ion:172 Resp: 937746
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.7 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38

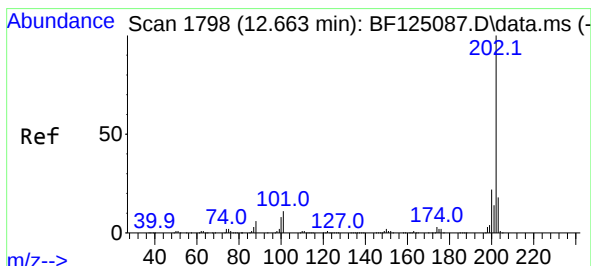
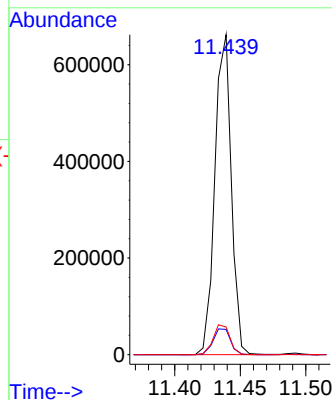
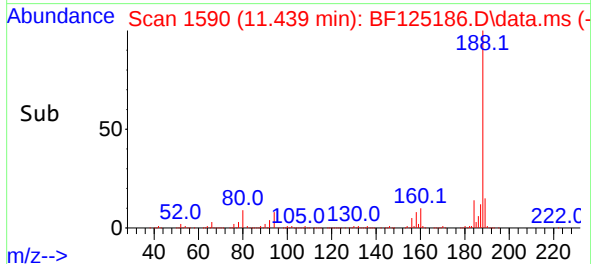
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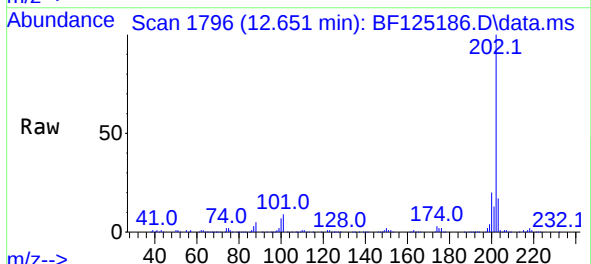
Tgt Ion:188 Resp: 576315
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.7 7.5 11.3

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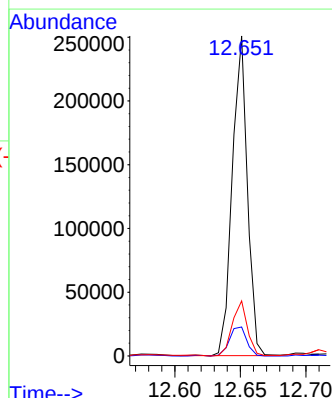
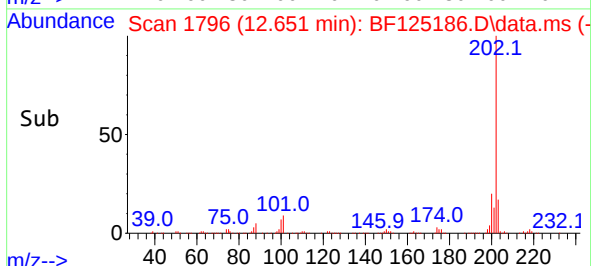
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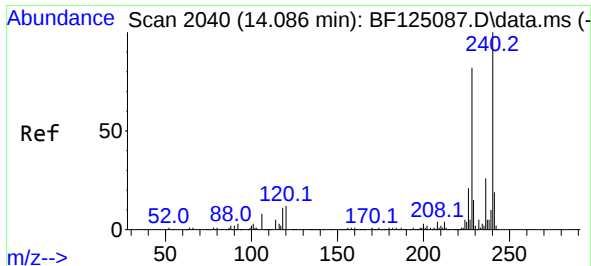


#75
Fluoranthene
Concen: 6.378 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38



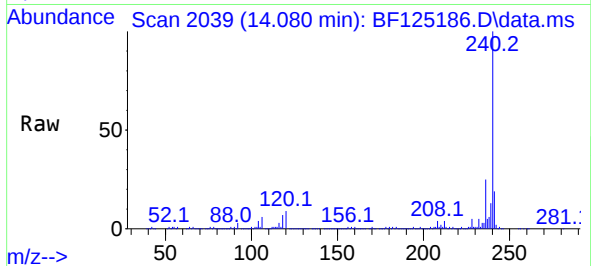
Tgt Ion:202 Resp: 200951
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.7
203 17.2 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38

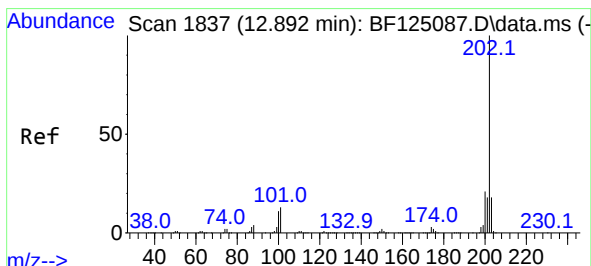
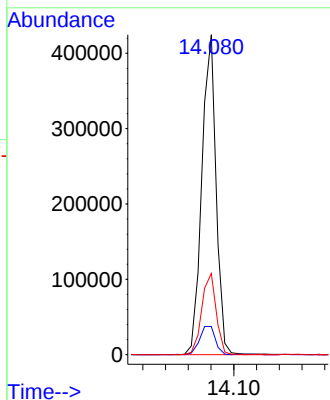
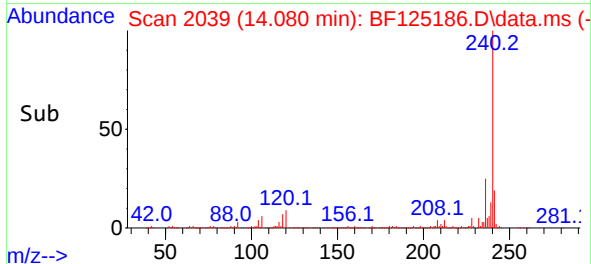
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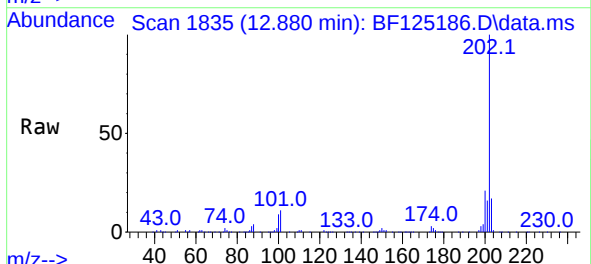
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Ion Ratio Lower Upper
240 100
120 8.8 10.8 16.2#
236 25.4 21.6 32.4

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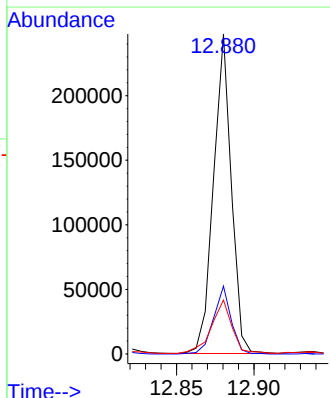
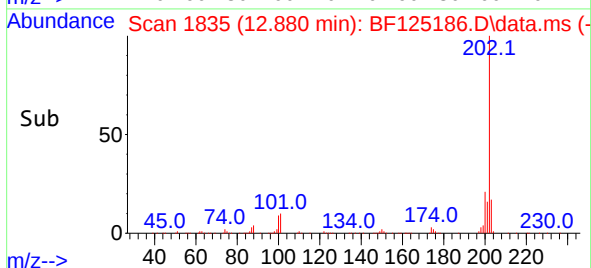
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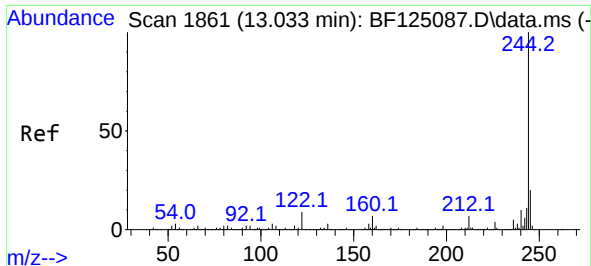


#78
Pyrene
Concen: 6.231 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38



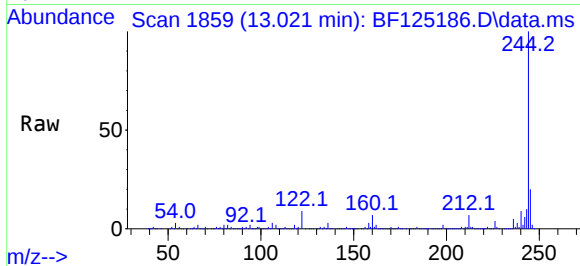
Tgt Ion:202 Resp: 198046
Ion Ratio Lower Upper
202 100
200 21.2 15.3 22.9
203 16.8 13.4 20.0





#79
Terphenyl-d14
Concen: 35.801 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38

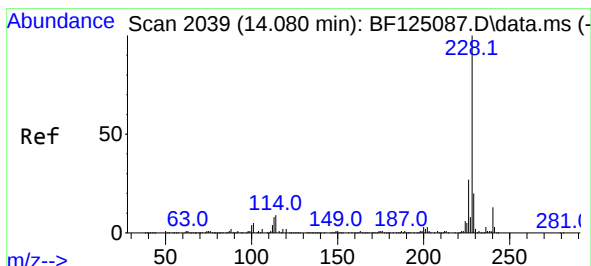
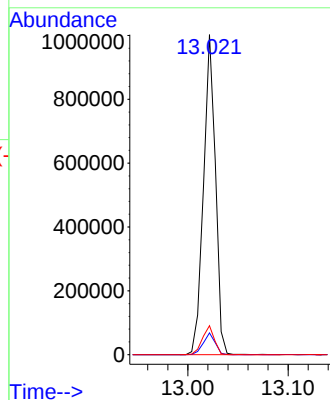
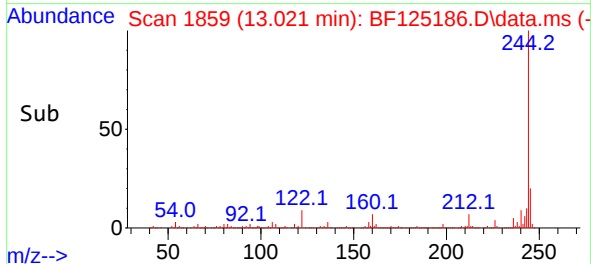
Instrument :
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ClientSampleId :
SAMPLE-4-(177.00)



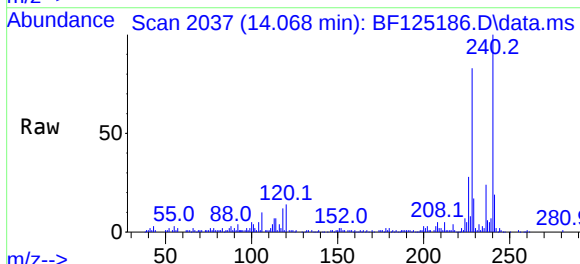
Tgt Ion:244 Resp: 832654
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.0 9.0 13.4

Manual Integrations
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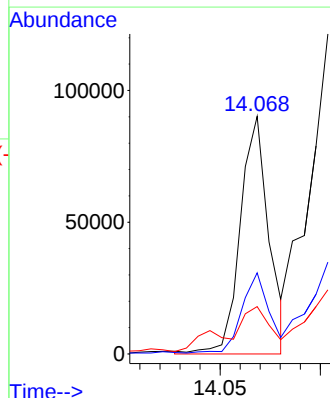
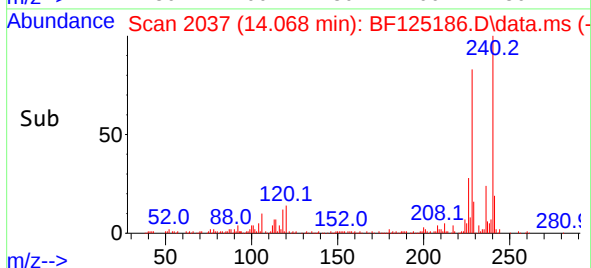
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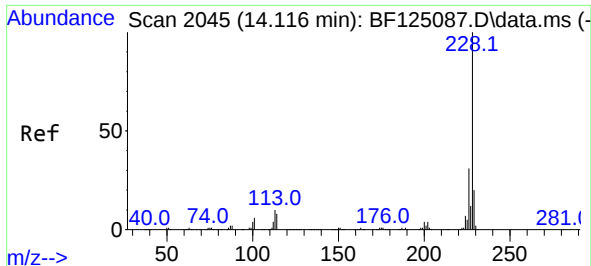


#81
Benzo(a)anthracene
Concen: 3.352 ng m
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38



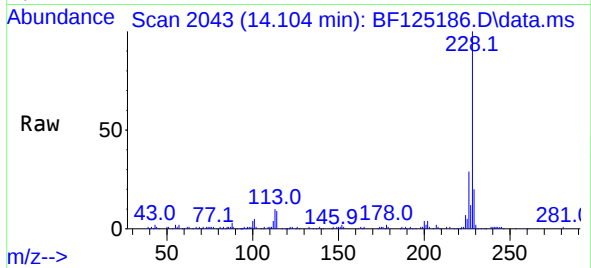
Tgt Ion:228 Resp: 89499
Ion Ratio Lower Upper
228 100
226 34.1 21.6 32.4#
229 20.0 15.6 23.4





#83
Chrysene
Concen: 4.686 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38

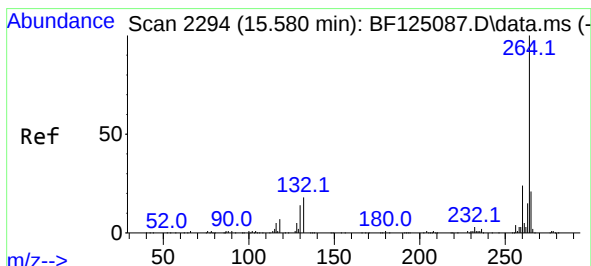
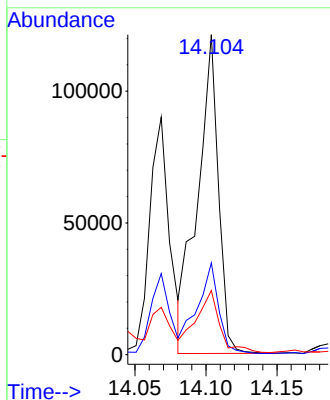
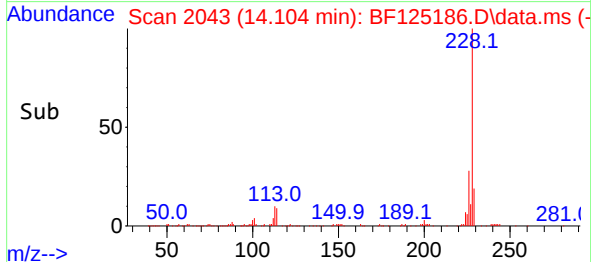
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4-(177.00)



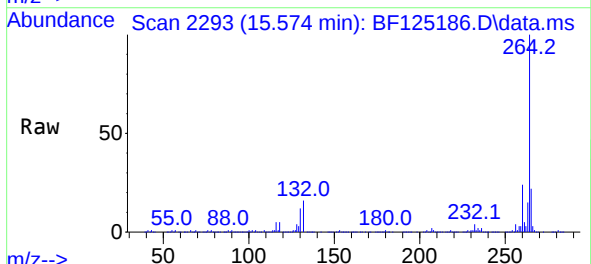
Tgt Ion:228 Resp: 123722
Ion Ratio Lower Upper
228 100
226 28.7 22.6 34.0
229 20.1 15.9 23.9

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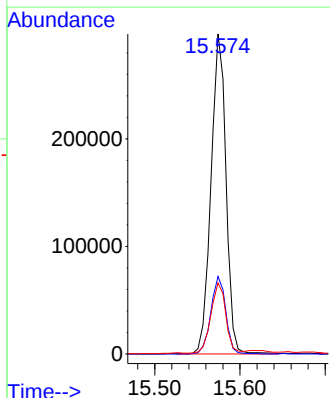
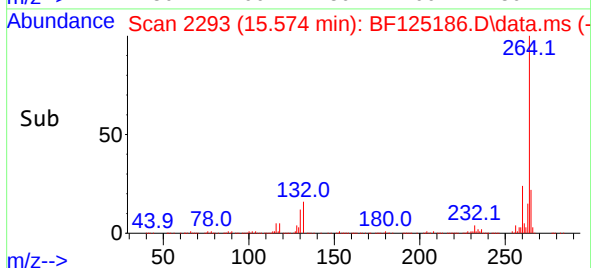
mohammad
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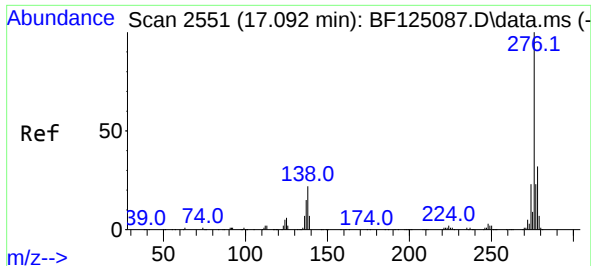


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38



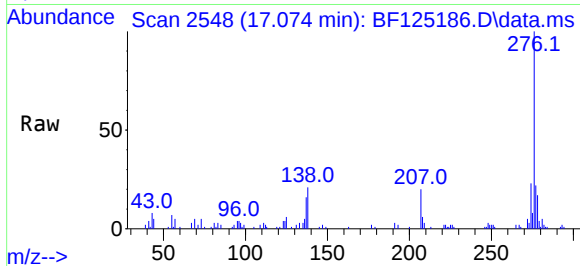
Tgt Ion:264 Resp: 364053
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 22.2 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.122 ng
RT: 17.074 min Scan# 2548
Delta R.T. -0.018 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38

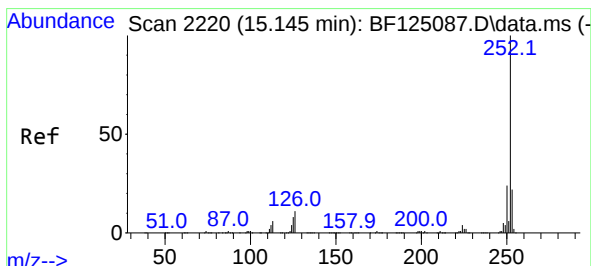
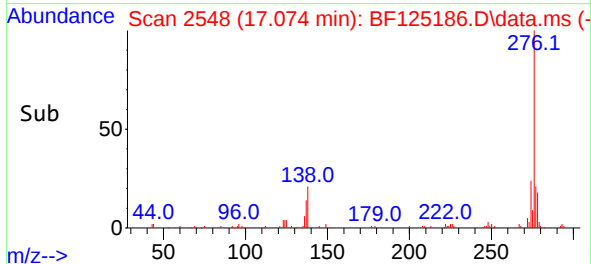
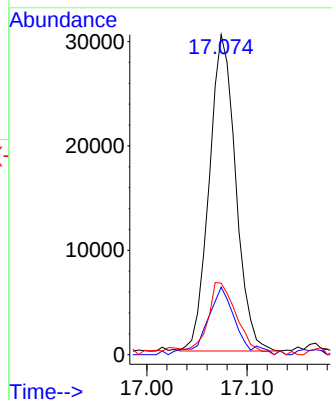
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4-(177.00)



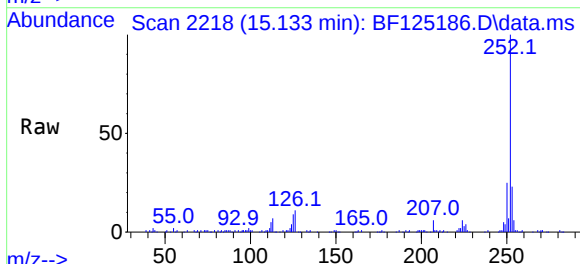
Tgt Ion:276 Resp: 55659
Ion Ratio Lower Upper
276 100
138 23.0 24.1 36.1#
277 25.0 18.8 28.2

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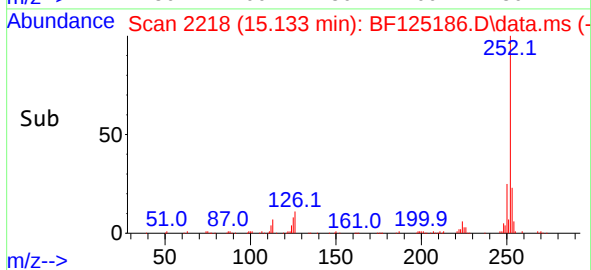
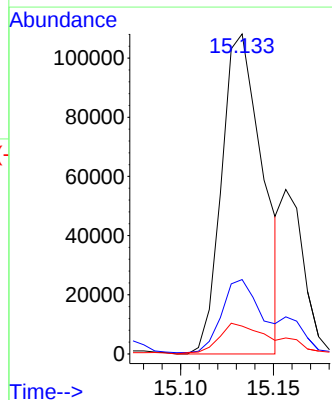
mohammad
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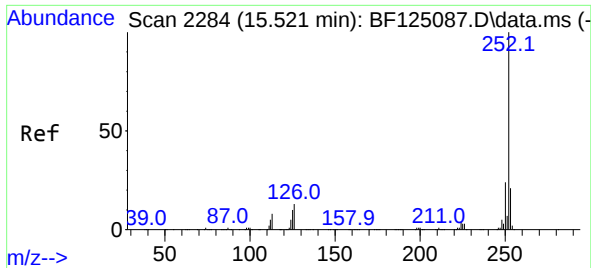


#88
Benzo(b)fluoranthene
Concen: 6.263 ng m
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38

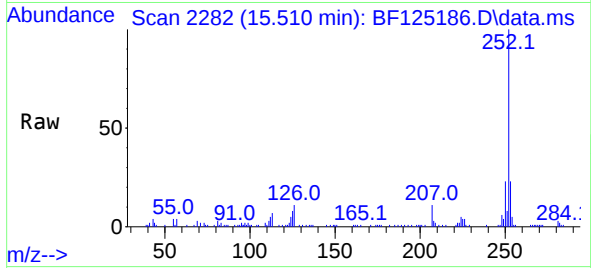


Tgt Ion:252 Resp: 166579
Ion Ratio Lower Upper
252 100
253 23.3 16.8 25.2
125 8.7 9.8 14.8#

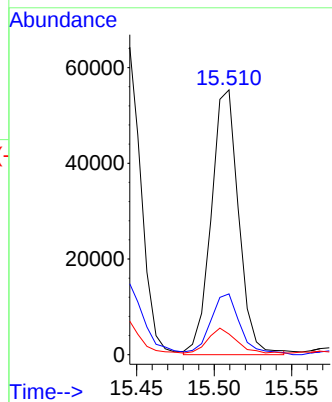
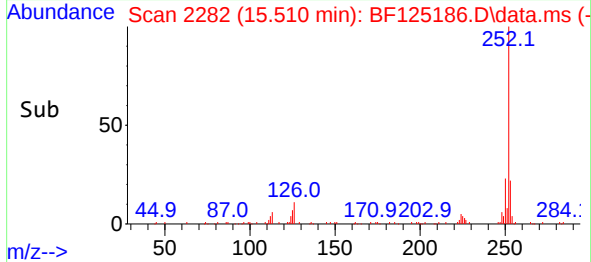




#90
Benzo(a)pyrene
Concen: 2.903 ng m
RT: 15.510 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38



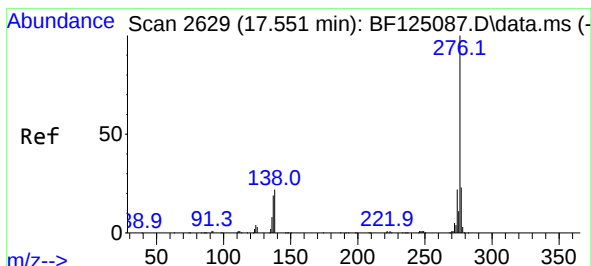
Tgt Ion:252 Resp: 68201
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 7.8 9.9 14.9#



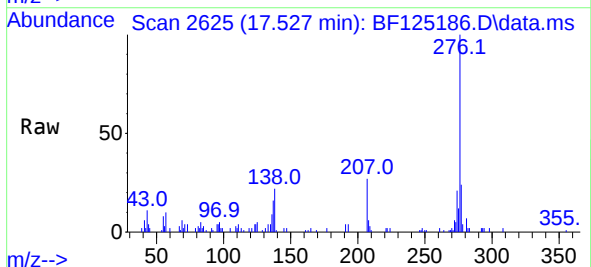
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4-(177.00)

Manual Integrations
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mohammad
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#92
Benzo(g,h,i)perylene
Concen: 2.411 ng
RT: 17.527 min Scan# 2625
Delta R.T. -0.023 min
Lab File: BF125186.D
Acq: 24 Aug 2021 15:38



Tgt Ion:276 Resp: 52702
Ion Ratio Lower Upper
276 100
277 23.6 22.0 33.0
138 21.7 22.2 33.4#

