

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125458.D
 Acq On : 13 Sep 2021 22:58
 Operator : JU/CG
 Sample : M3707-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091021

Manual Integrations
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mohammad
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Quant Time: Sep 14 03:31:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	154855	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	546235	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	249768	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	428235	20.000	ng	0.00
76) Chrysene-d12	14.068	240	294300	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	225137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	285381	27.894	ng	-0.01
7) Phenol-d6	6.516	99	368109	27.820	ng	-0.02
23) Nitrobenzene-d5	7.445	82	205793	18.967	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	91300	36.619	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	387153	21.604	ng	0.00
79) Terphenyl-d14	13.004	244	442869	23.973	ng	0.00
Target Compounds						Qvalue
58) Fluorene	10.475	166	59334	3.773	ng	97
71) Phenanthrene	11.445	178	541416	22.945	ng	99
72) Anthracene	11.492	178	171171	7.360	ng	99
75) Fluoranthene	12.639	202	836009	35.707	ng	97
78) Pyrene	12.869	202	825430	32.697	ng	97
81) Benzo(a)anthracene	14.057	228	386098	18.208	ng	98
83) Chrysene	14.092	228	305071	14.548	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	120521	7.431	ng	# 88
88) Benzo(b)fluoranthene	15.121	252	304923m	18.539	ng	
89) Benzo(k)fluoranthene	15.151	252	115732m	7.540	ng	
90) Benzo(a)pyrene	15.498	252	240809m	16.574	ng	
91) Dibenzo(a,h)anthracene	17.074	278	33490m	2.389	ng	
92) Benzo(g,h,i)perylene	17.527	276	122493m	9.061	ng	

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

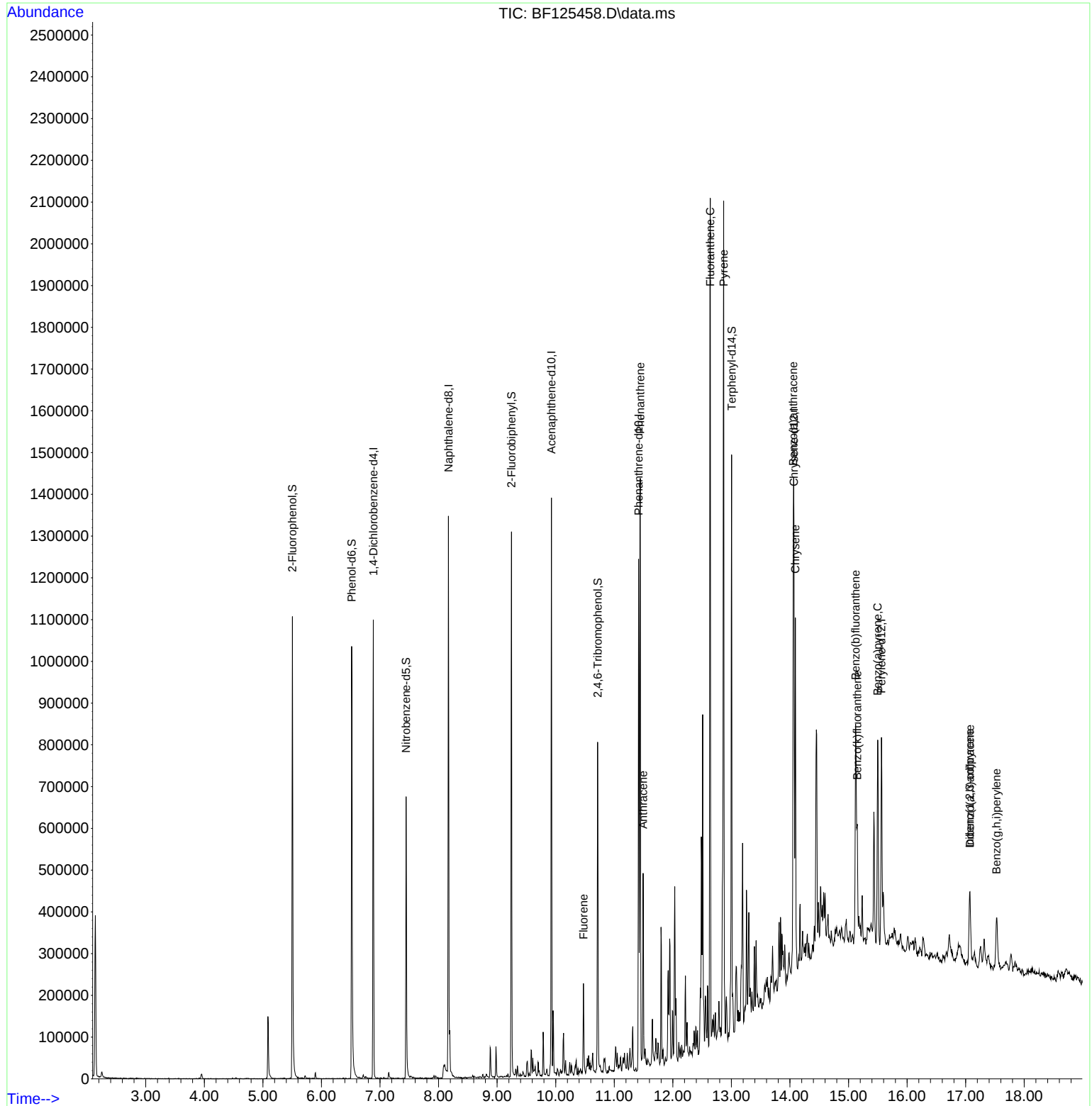
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125458.D
Acq On : 13 Sep 2021 22:58
Operator : JU/CG
Sample : M3707-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

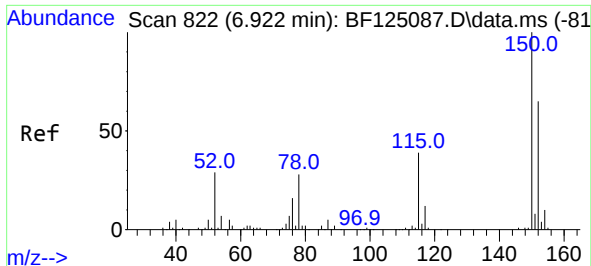
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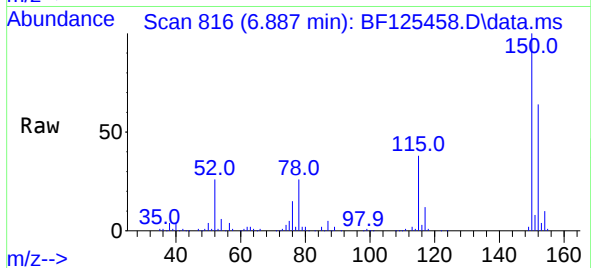
Quant Time: Sep 14 03:31:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 13 12:03:46 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

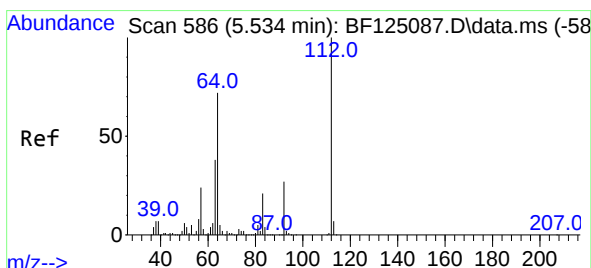
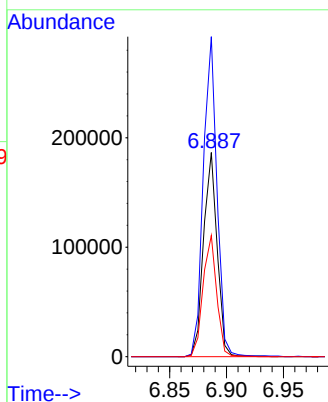
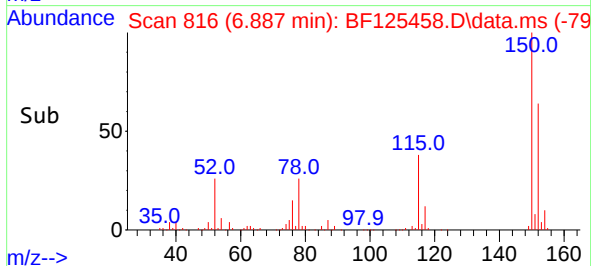
Instrument :
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PL-02-091021



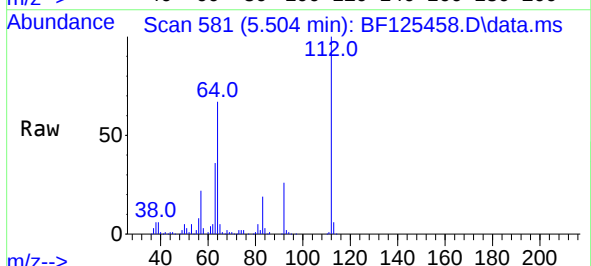
Tgt Ion:152 Resp: 154855
Ion Ratio Lower Upper
152 100
150 156.8 117.6 176.4
115 59.4 47.1 70.7

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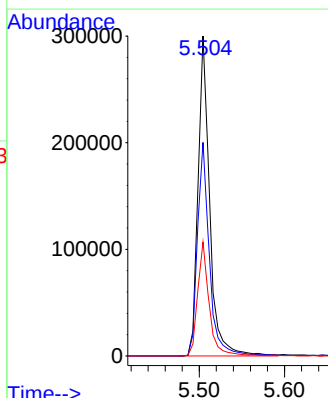
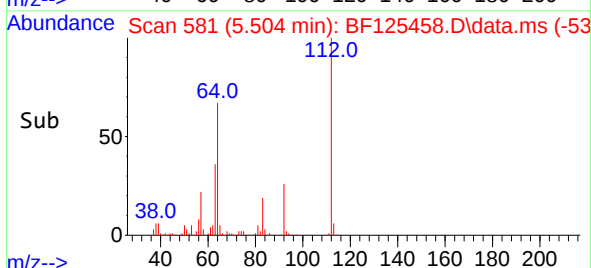
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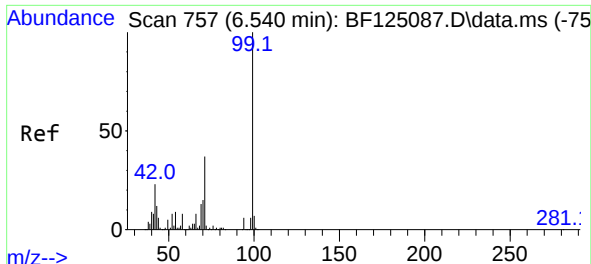


#5
2-Fluorophenol
Concen: 27.894 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.012 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58



Tgt Ion:112 Resp: 285381
Ion Ratio Lower Upper
112 100
64 66.8 44.2 66.2#
63 35.6 26.2 39.2





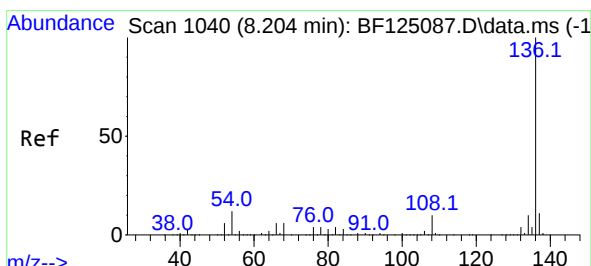
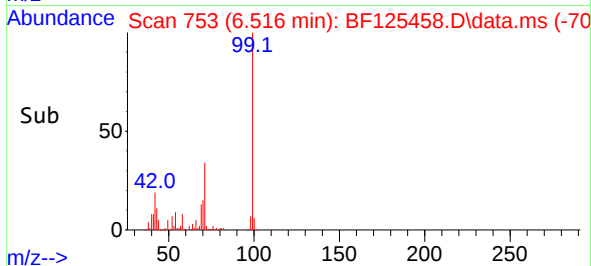
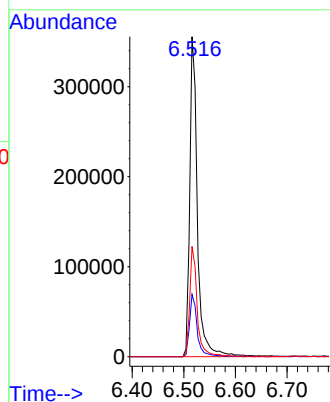
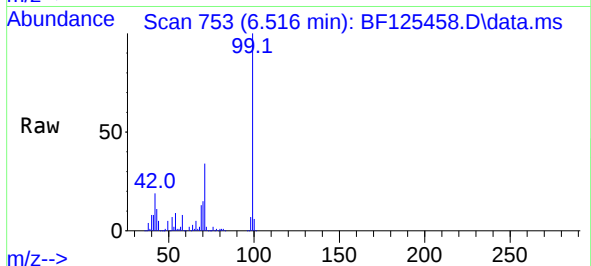
#7
Phenol-d6
Concen: 27.820 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.017 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

Tgt Ion: 99 Resp: 368109
Ion Ratio Lower Upper
99 100
42 19.5 23.5 35.3#
71 34.5 25.6 38.4

Instrument :
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ClientSampleId :
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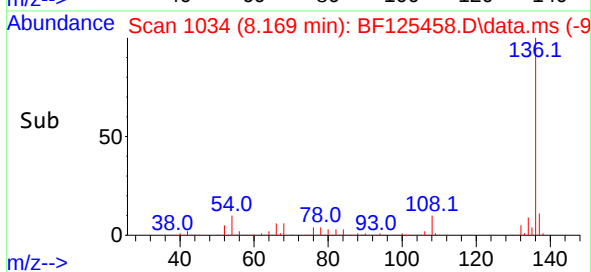
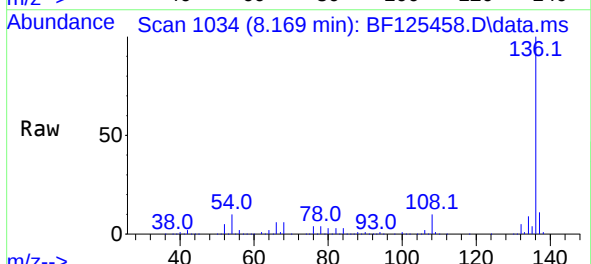
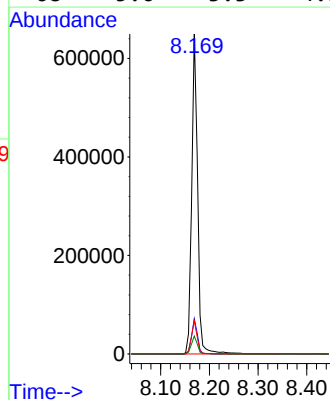
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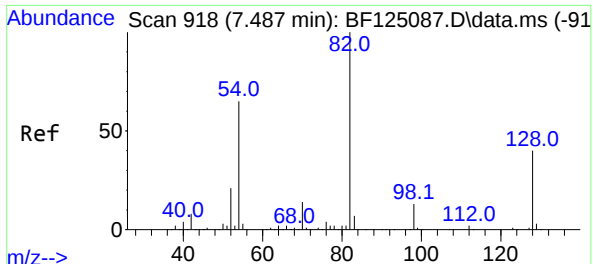
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

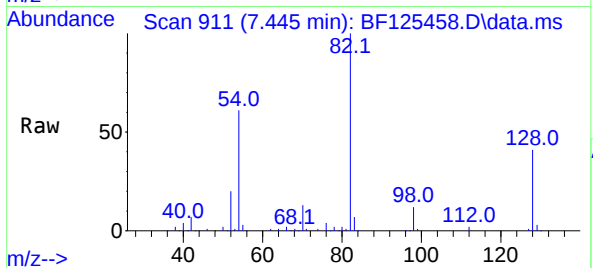
Tgt Ion: 136 Resp: 546235
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 10.4 6.4 9.6#
68 5.6 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 18.967 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

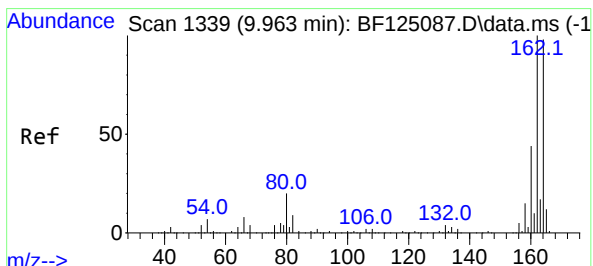
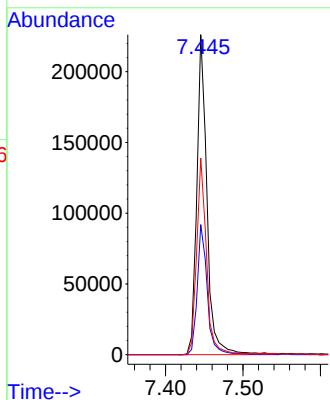
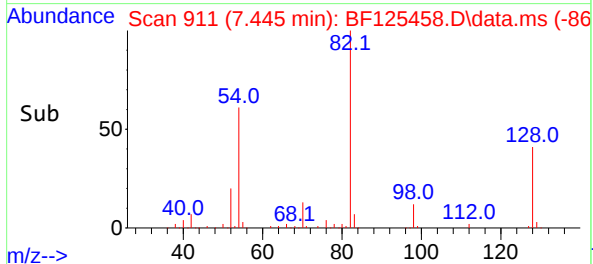
Instrument :
BNA_F
ClientSampleId :
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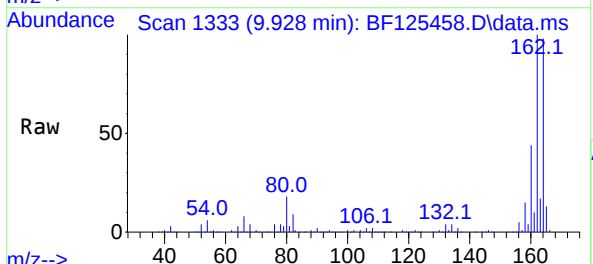
Tgt Ion: 82 Resp: 205793
Ion Ratio Lower Upper
82 100
128 40.6 40.6 60.8
54 61.5 49.6 74.4

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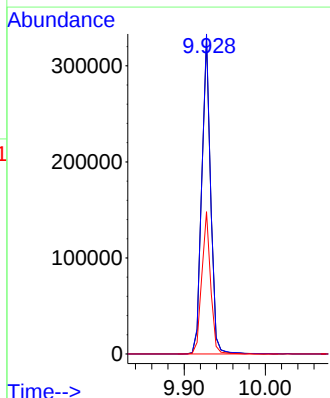
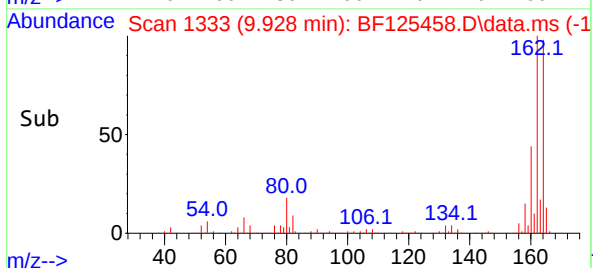
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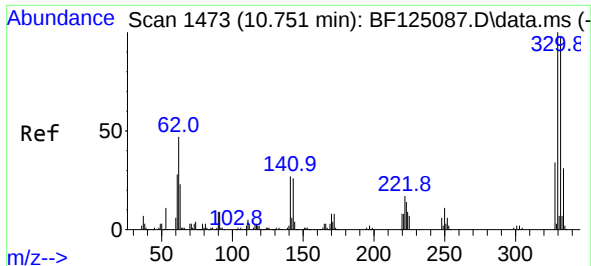


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58



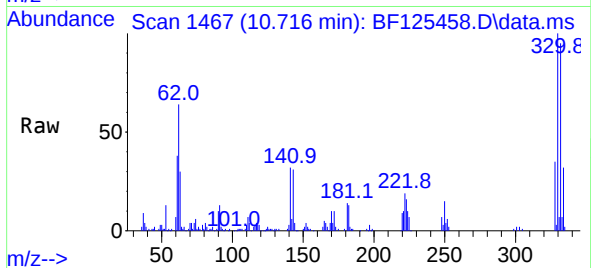
Tgt Ion: 164 Resp: 249768
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 45.1 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 36.619 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

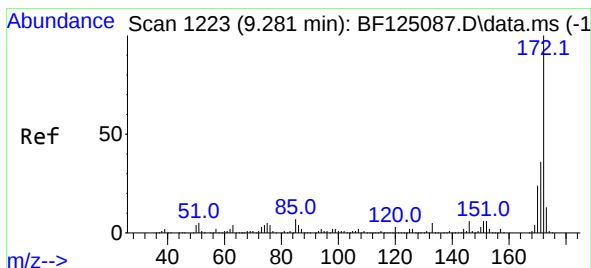
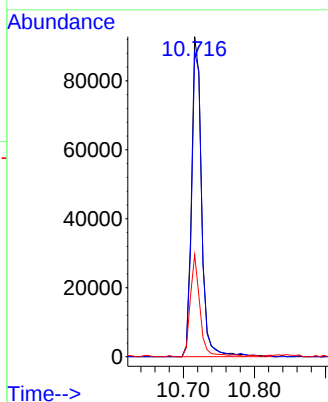
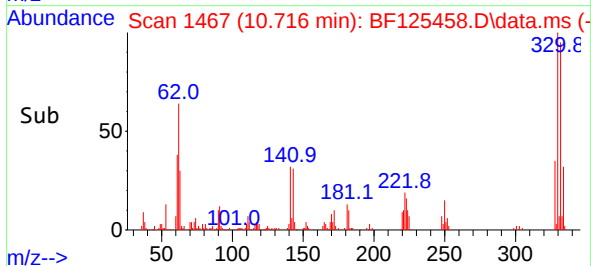
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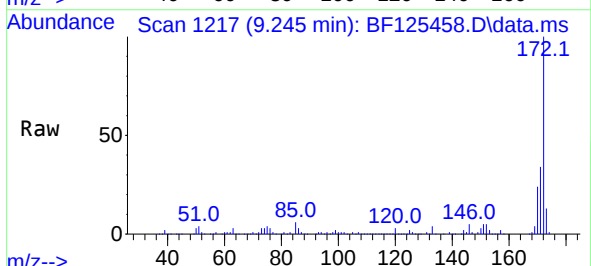
Tgt Ion: 330 Resp: 91300
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 30.9 44.6 66.8#

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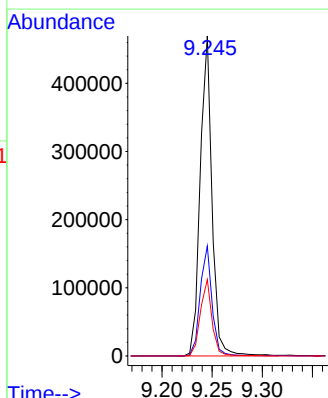
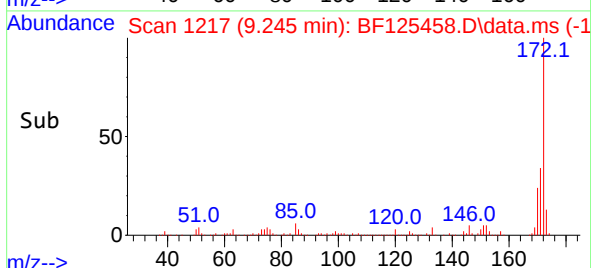
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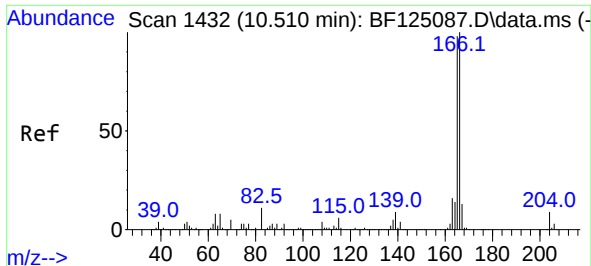


#45
2-Fluorobiphenyl
Concen: 21.604 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58



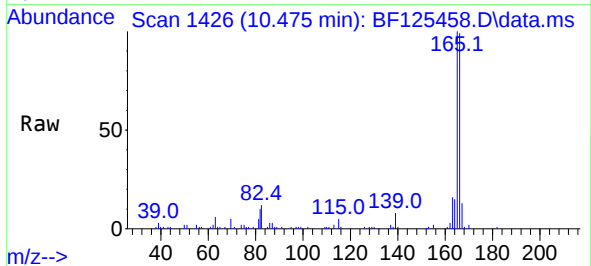
Tgt Ion: 172 Resp: 387153
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.8 18.8 28.2





#58
Fluorene
Concen: 3.773 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

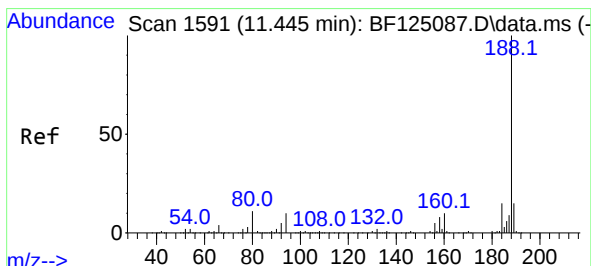
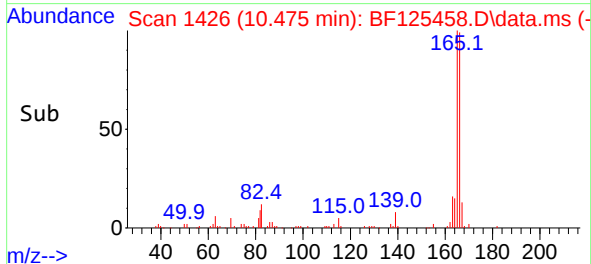
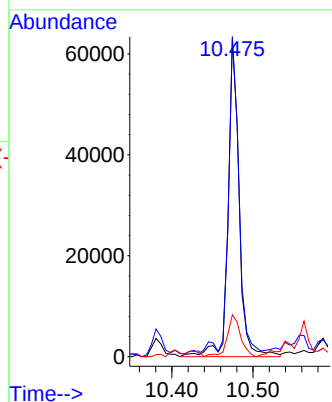
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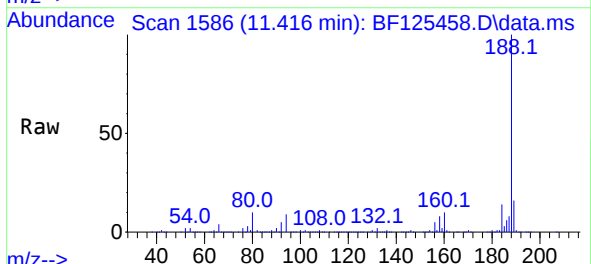
Tgt Ion:166 Resp: 59334
Ion Ratio Lower Upper
166 100
165 100.8 78.1 117.1
167 13.2 11.1 16.7

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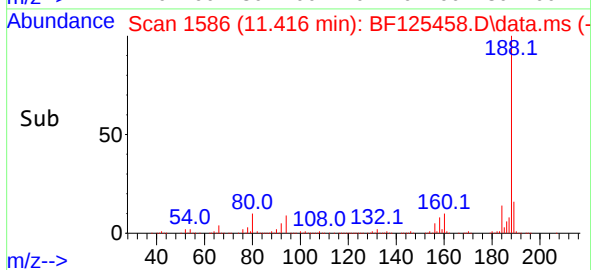
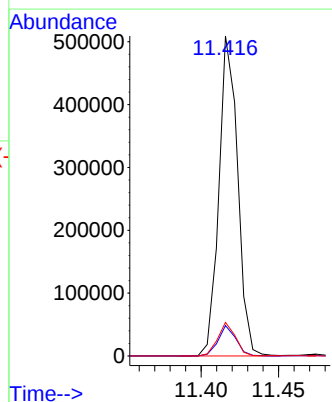
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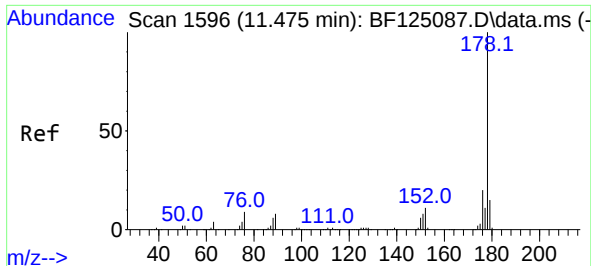


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58



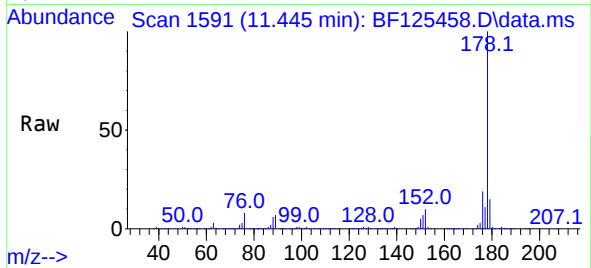
Tgt Ion:188 Resp: 428235
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 10.5 7.5 11.3





#71
Phenanthrene
Concen: 22.945 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

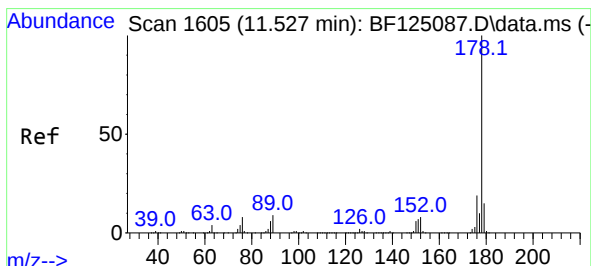
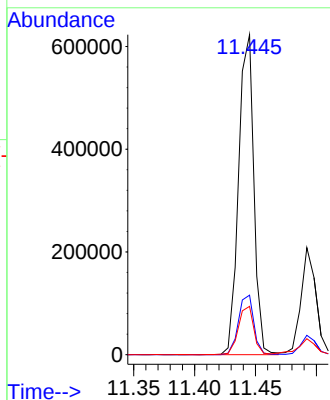
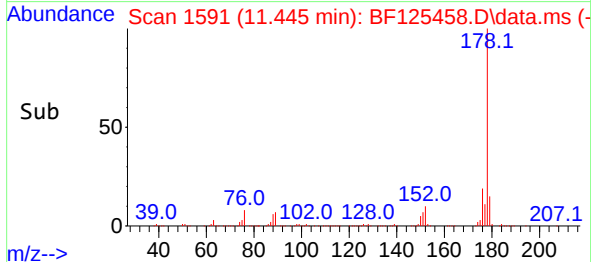
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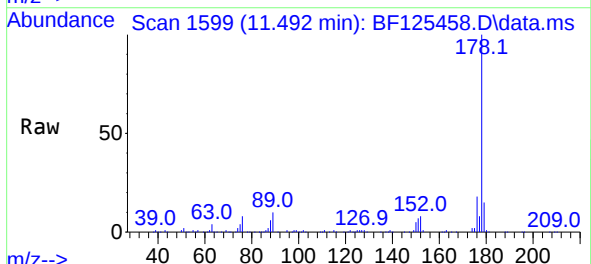
Tgt Ion:178 Resp: 541416
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.1 11.5 17.3

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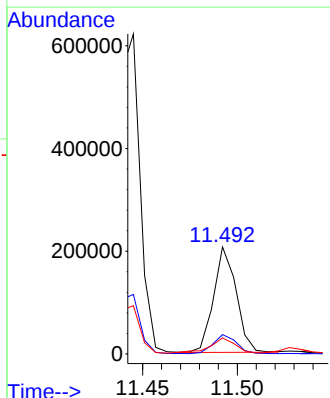
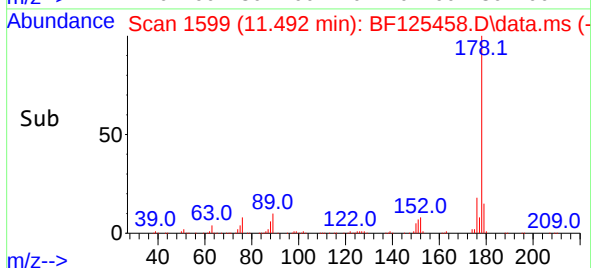
mohammad
9/14/2021 2:48:43 PM

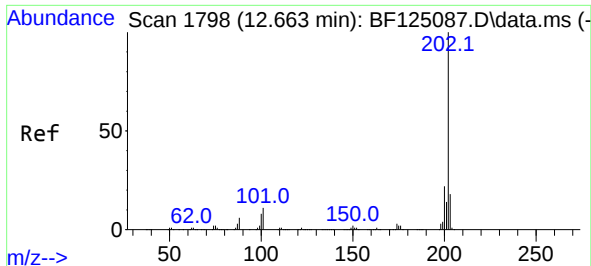


#72
Anthracene
Concen: 7.360 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

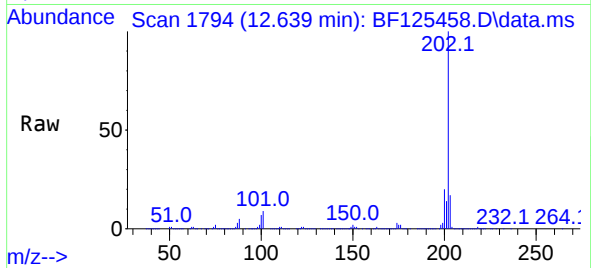


Tgt Ion:178 Resp: 171171
Ion Ratio Lower Upper
178 100
176 18.1 14.3 21.5
179 14.9 12.2 18.4

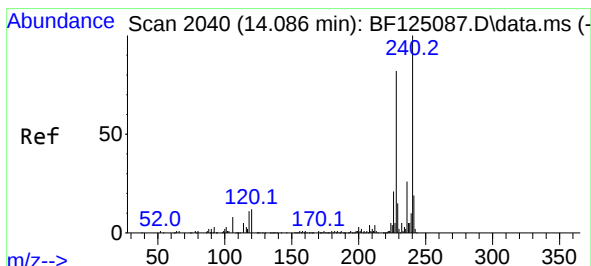
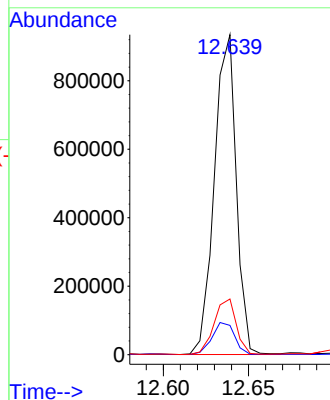
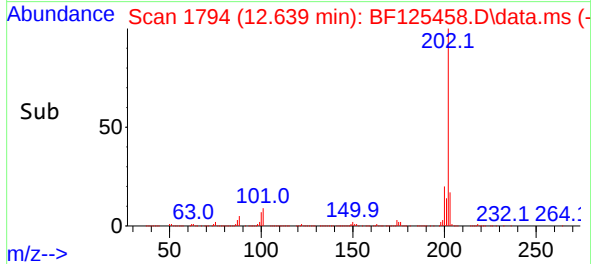




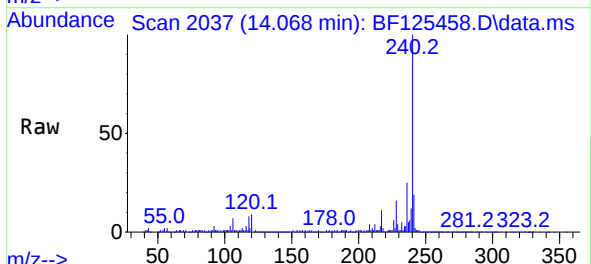
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Fluoranthene
Concen: 35.707 ng
RT: 12.639 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58



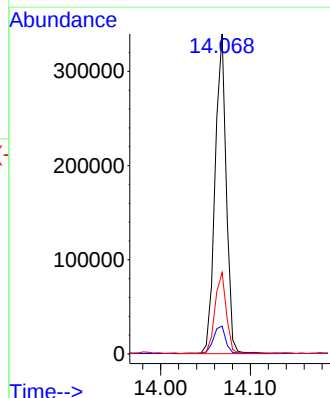
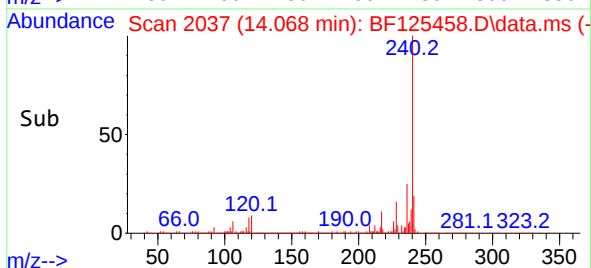
Tgt Ion:202 Resp: 836009
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.7
203 17.4 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58



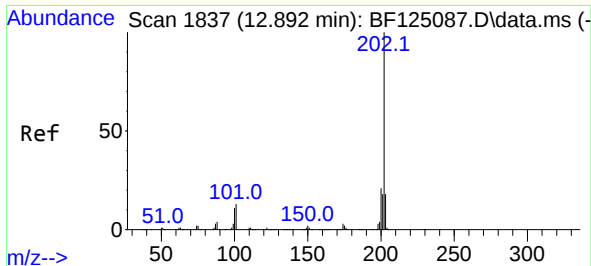
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Ion Ratio Lower Upper
240 100
120 8.7 10.8 16.2#
236 25.4 21.6 32.4



Instrument :
BNA_F
ClientSampleId :
PL-02-091021

Manual Integrations
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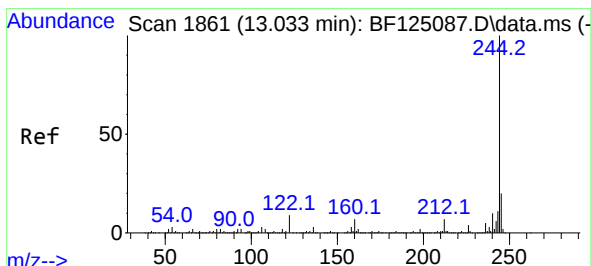
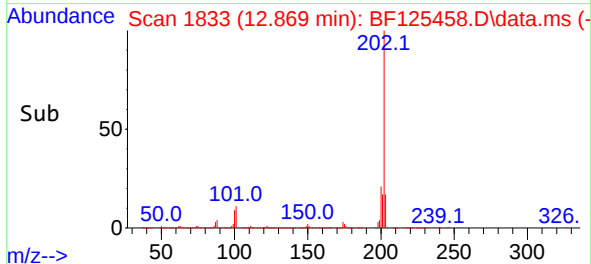
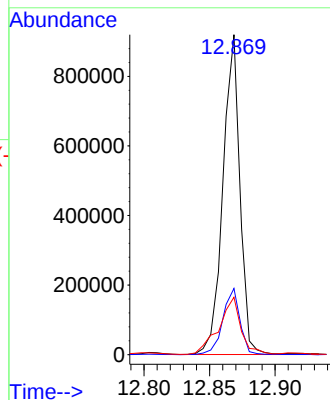
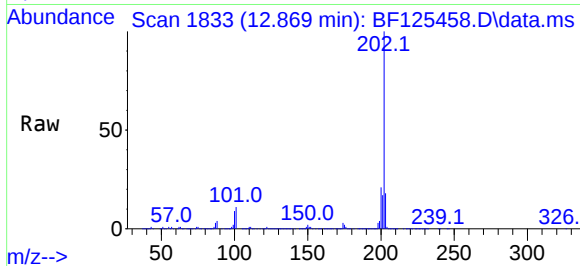
#78
Pyrene
Concen: 32.697 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

Tgt Ion:	202	Resp:	825430
Ion Ratio	Lower	Upper	
202	100		
200	20.7	15.3	22.9
203	18.0	13.4	20.0

Instrument :
BNA_F
ClientSampled :
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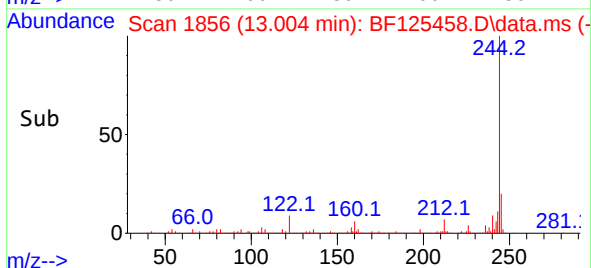
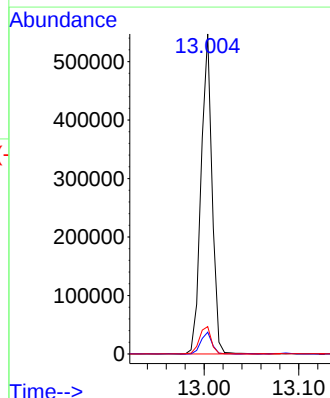
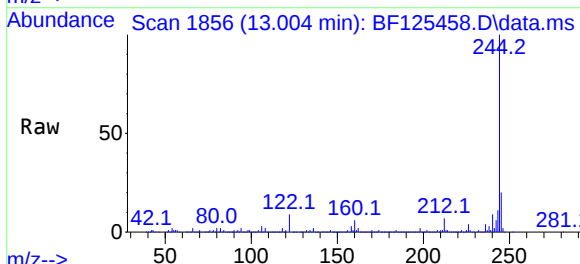
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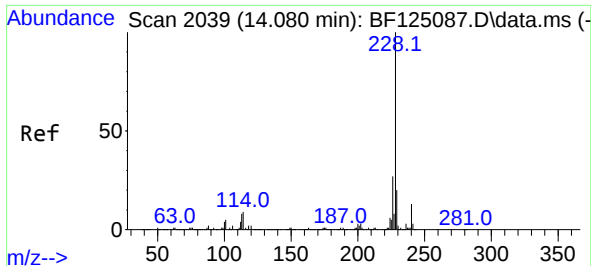
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#79
Terphenyl-d14
Concen: 23.973 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

Tgt Ion:	244	Resp:	442869
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.9	8.9
122	8.6	9.0	13.4





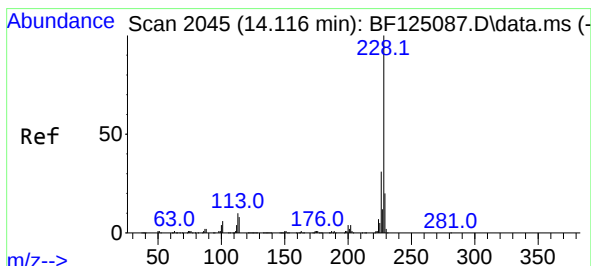
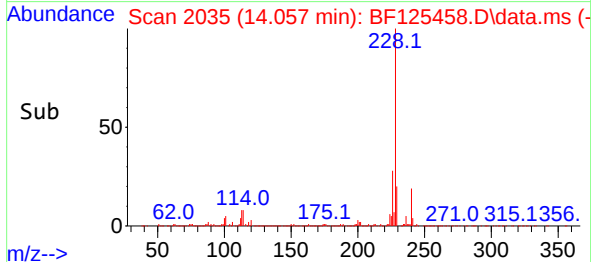
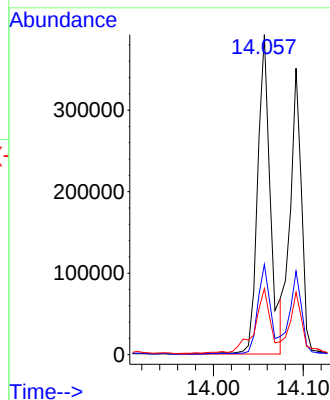
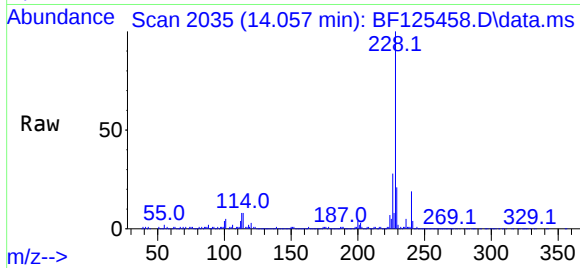
#81
Benzo(a)anthracene
Concen: 18.208 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

Tgt Ion:228 Resp: 386098
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 20.7 15.6 23.4

Instrument :
BNA_F
ClientSampleId :
PL-02-091021

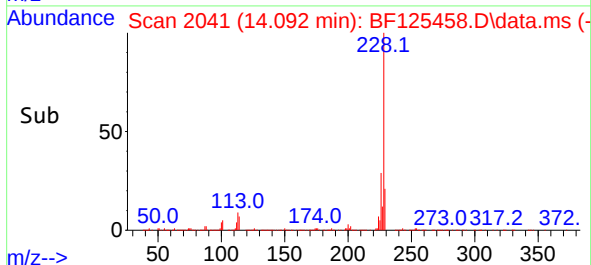
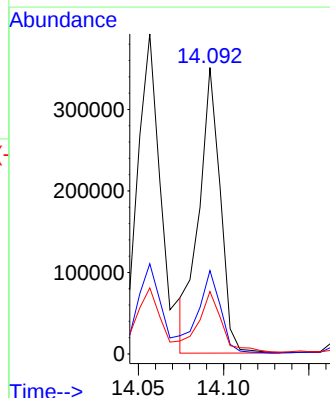
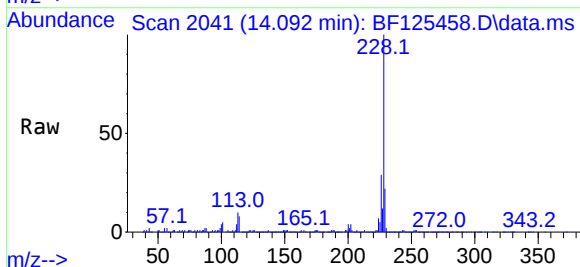
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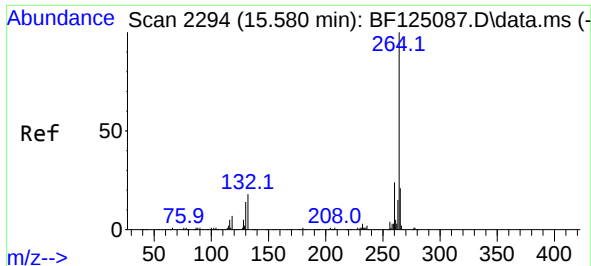
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#83
Chrysene
Concen: 14.548 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

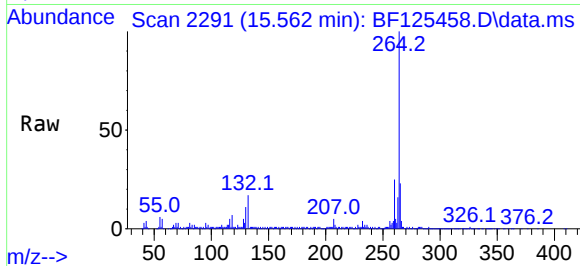
Tgt Ion:228 Resp: 305071
Ion Ratio Lower Upper
228 100
226 29.1 22.6 34.0
229 21.8 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. -0.006 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

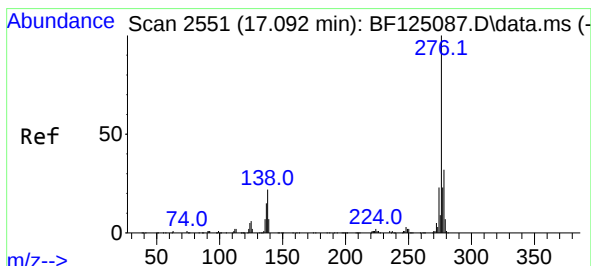
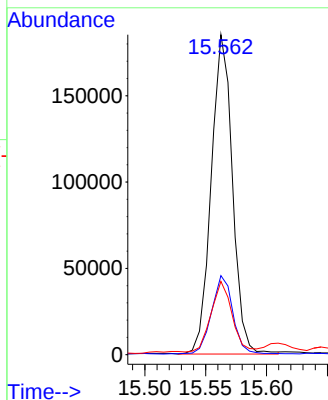
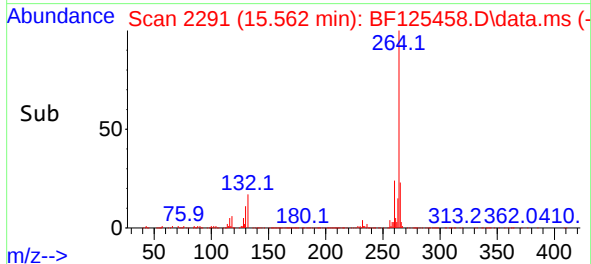
Instrument :
BNA_F
ClientSampleId :
PL-02-091021



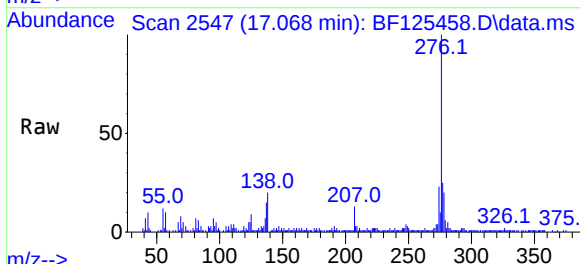
Tgt Ion:264 Resp: 225137
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 22.9 17.2 25.8

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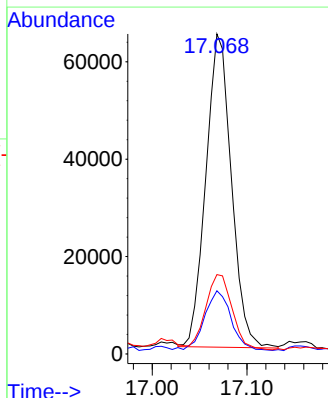
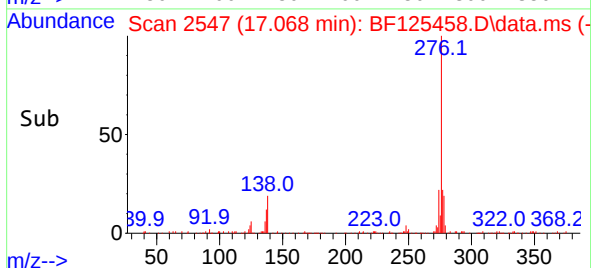
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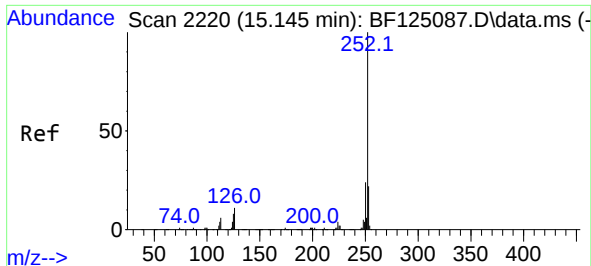


#87
Indeno(1,2,3-cd)pyrene
Concen: 7.431 ng
RT: 17.068 min Scan# 2547
Delta R.T. -0.017 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58



Tgt Ion:276 Resp: 120521
Ion Ratio Lower Upper
276 100
138 20.0 24.1 36.1#
277 24.7 18.8 28.2





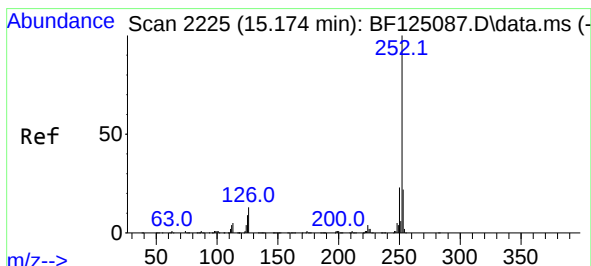
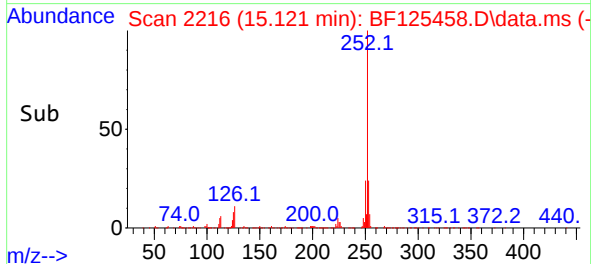
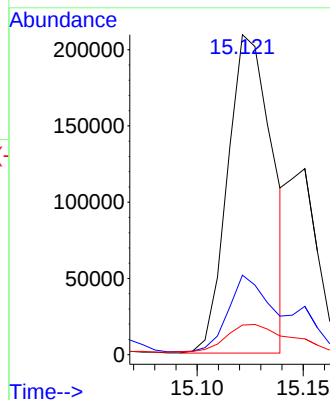
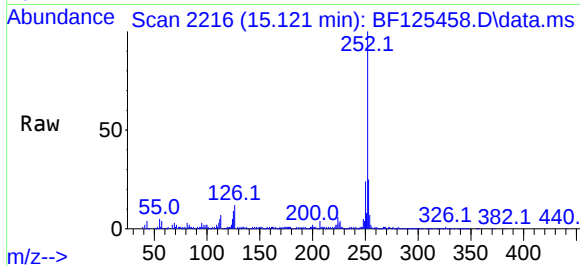
#88
Benzo(b)fluoranthene
Concen: 18.539 ng m
RT: 15.121 min Scan# 2216
Delta R.T. -0.006 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:252 Resp: 304923
Ion Ratio Lower Upper
252 100
253 24.8 16.8 25.2
125 9.3 9.8 14.8#

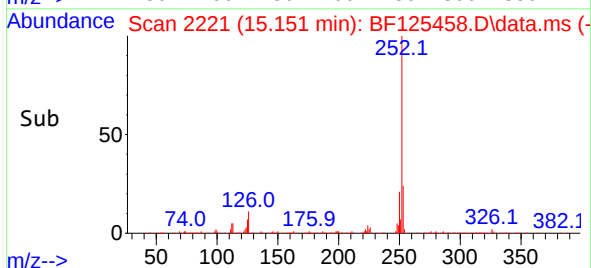
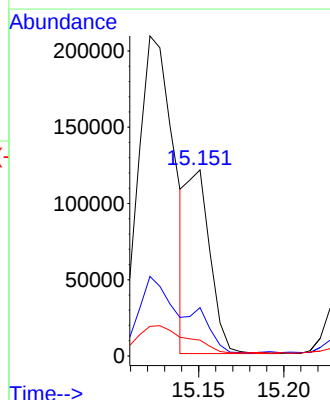
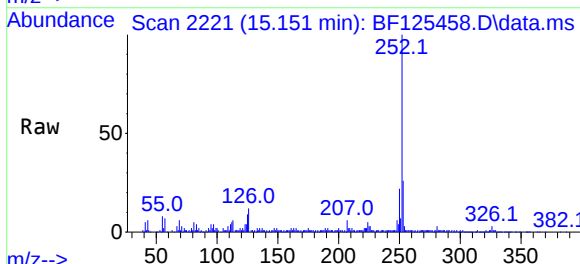
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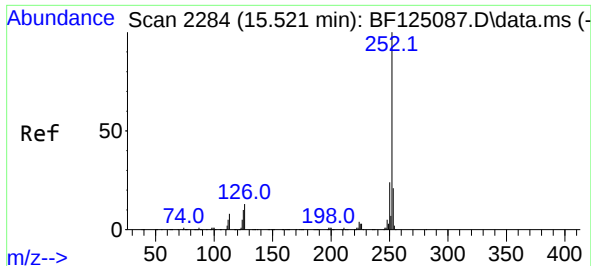
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#89
Benzo(k)fluoranthene
Concen: 7.540 ng m
RT: 15.151 min Scan# 2221
Delta R.T. -0.012 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

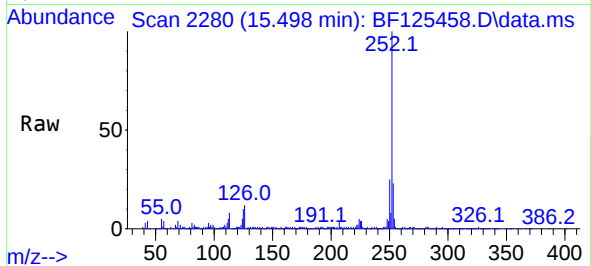
Tgt Ion:252 Resp: 115732
Ion Ratio Lower Upper
252 100
253 26.0 17.8 26.8
125 8.5 7.2 10.8





#90
Benzo(a)pyrene
Concen: 16.574 ng m
RT: 15.498 min Scan# 2280
Delta R.T. -0.012 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58

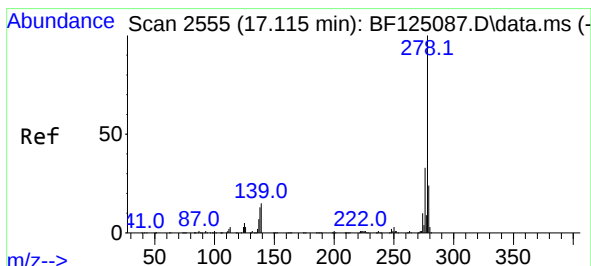
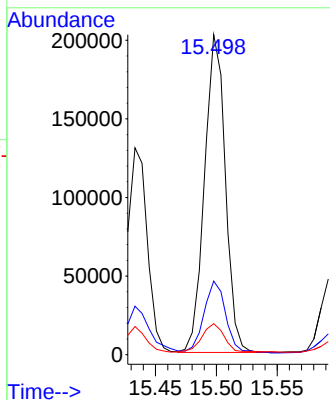
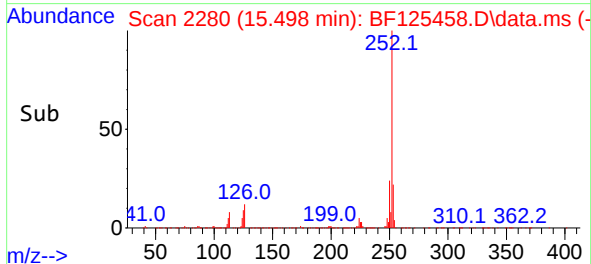
Instrument :
BNA_F
ClientSampleId :
PL-02-091021



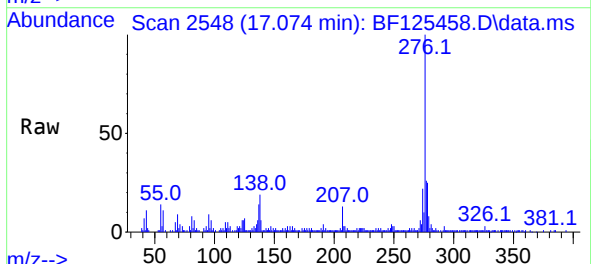
Tgt Ion:252 Resp: 240809
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 9.7 9.9 14.9#

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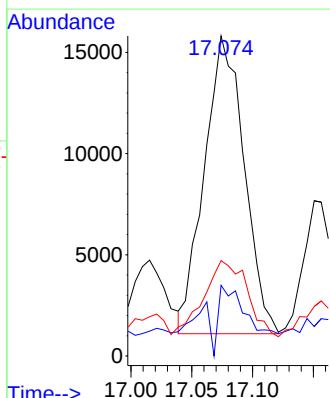
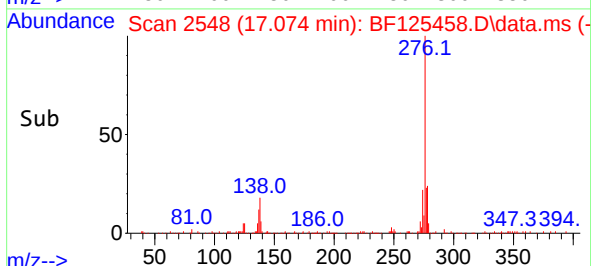
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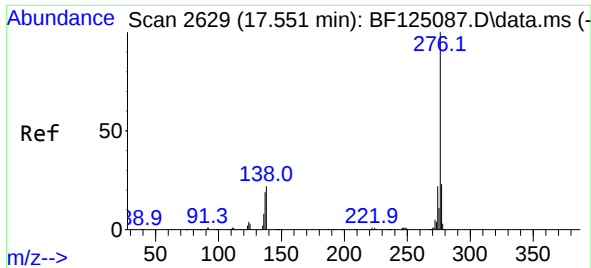


#91
Dibenzo(a,h)anthracene
Concen: 2.389 ng m
RT: 17.074 min Scan# 2548
Delta R.T. -0.029 min
Lab File: BF125458.D
Acq: 13 Sep 2021 22:58



Tgt Ion:278 Resp: 33490
Ion Ratio Lower Upper
278 100
139 22.1 14.9 22.3
279 29.8 19.7 29.5#





#92
 Benzo(g,h,i)perylene
 Concen: 9.061 ng m
 RT: 17.527 min Scan# 2625
 Delta R.T. -0.017 min
 Lab File: BF125458.D
 Acq: 13 Sep 2021 22:58

Tgt Ion:	276	Resp:	122493
Ion Ratio	Lower	Upper	
276	100		
277	24.7	22.0	33.0
138	19.4	22.2	33.4#

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091021

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