

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125215.D
 Acq On : 25 Aug 2021 18:06
 Operator : JU/CG
 Sample : M3467-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-6-(203.30)

Manual Integrations
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Quant Time: Aug 26 01:35:59 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	194596	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	506442	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	247883	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	571957	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	315423	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	369057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	717148	55.781	ng	0.00
7) Phenol-d6	6.534	99	1039145	62.495	ng	0.00
23) Nitrobenzene-d5	7.475	82	719561	71.530	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	171211	69.192	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	728522	40.961	ng	0.00
79) Terphenyl-d14	13.021	244	592705	29.935	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.810	152	93948	3.970	ng	99
71) Phenanthrene	11.457	178	135697	4.306	ng	99
72) Anthracene	11.510	178	125695	4.046	ng	98
73) Carbazole	11.663	167	83465	2.940	ng	98
75) Fluoranthene	12.651	202	873923	27.947	ng	97
78) Pyrene	12.880	202	592760	21.908	ng	96
81) Benzo(a)anthracene	14.068	228	401668m	17.674	ng	
83) Chrysene	14.104	228	567873	25.266	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	340125	12.793	ng	# 86
88) Benzo(b)fluoranthene	15.139	252	1021554m	37.888	ng	
89) Benzo(k)fluoranthene	15.168	252	329242m	13.086	ng	
90) Benzo(a)pyrene	15.515	252	409053m	17.175	ng	
91) Dibenzo(a,h)anthracene	17.098	278	95060m	4.136	ng	
92) Benzo(g,h,i)perylene	17.545	276	266704	12.035	ng	# 87

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

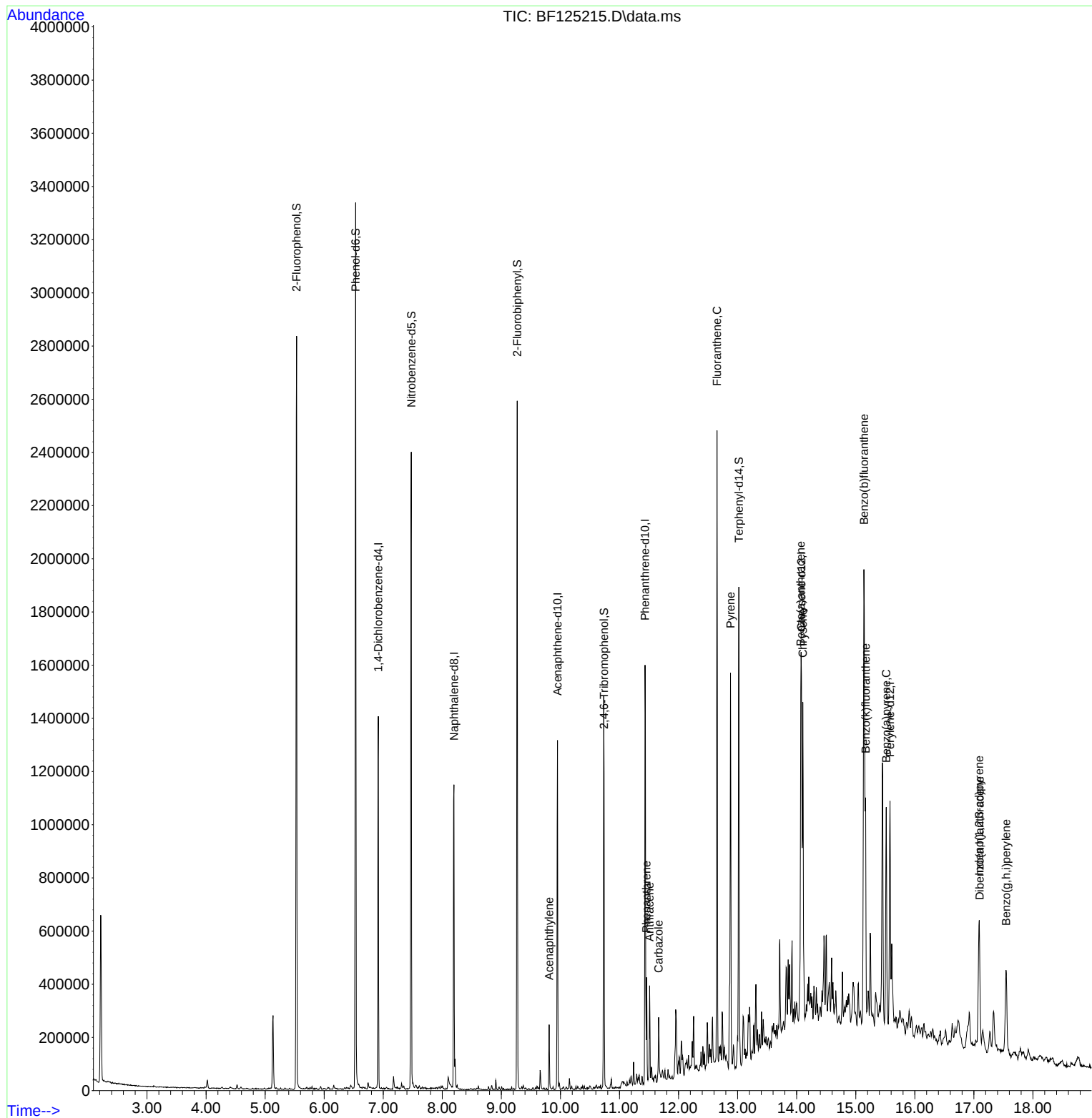
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Data File : BF125215.D
Acq On : 25 Aug 2021 18:06
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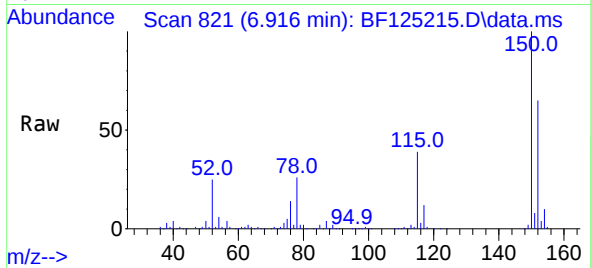
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
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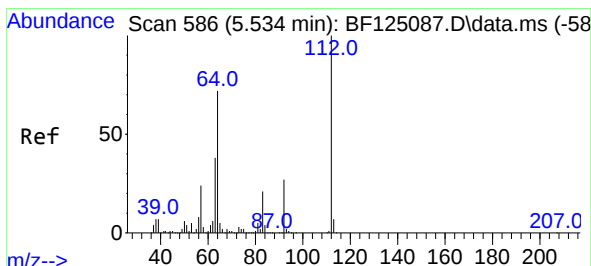
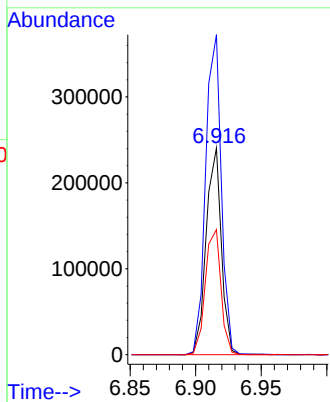
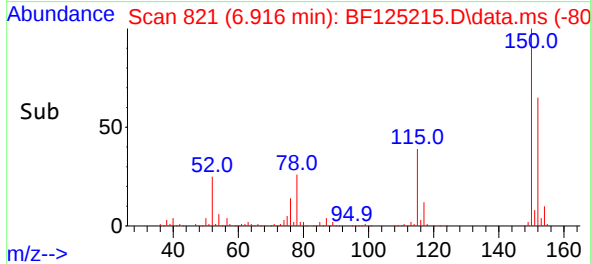




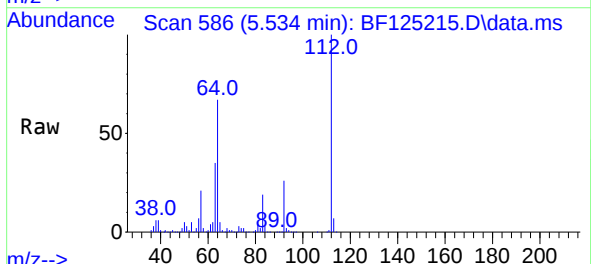
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06



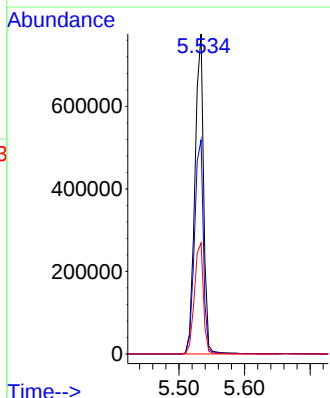
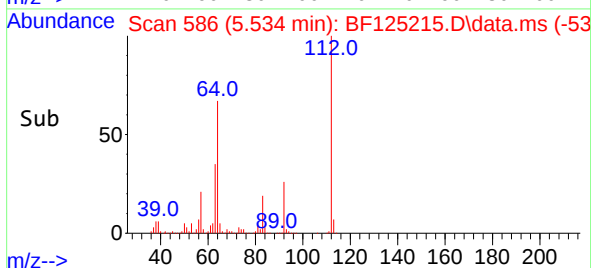
Tgt Ion:152 Resp: 194596
Ion Ratio Lower Upper
152 100
150 154.8 117.6 176.4
115 60.5 47.1 70.7



#5
2-Fluorophenol
Concen: 55.781 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06



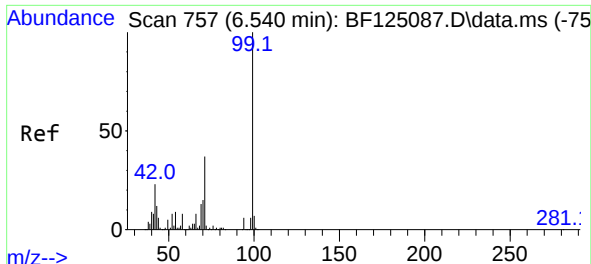
Tgt Ion:112 Resp: 717148
Ion Ratio Lower Upper
112 100
64 66.8 44.2 66.2#
63 34.7 26.2 39.2



Instrument :
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#7
Phenol-d6
Concen: 62.495 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

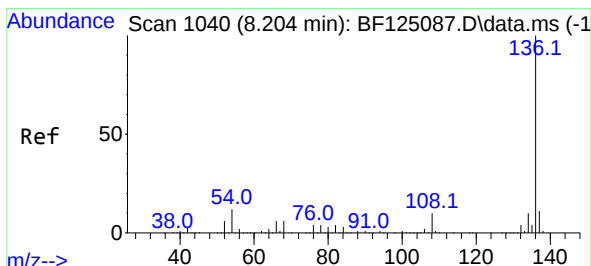
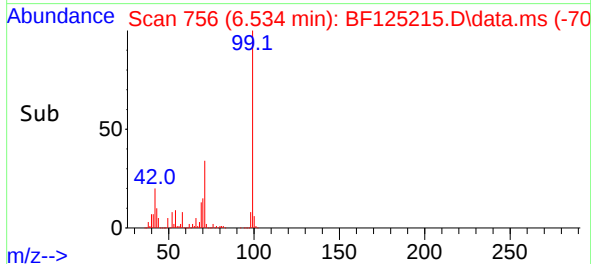
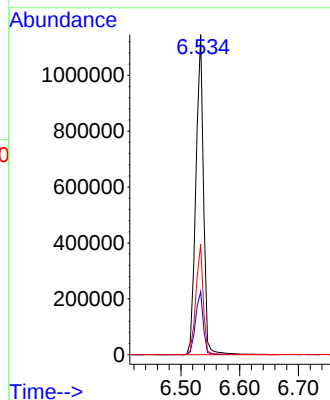
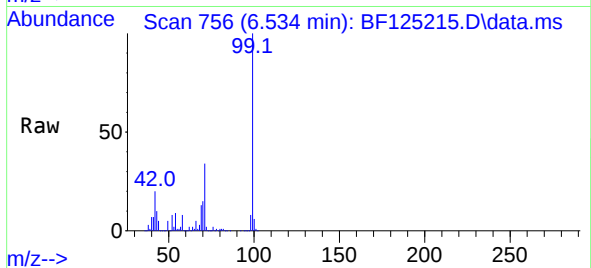
Tgt Ion: 99 Resp: 1039145

Ion	Ratio	Lower	Upper
99	100		
42	19.6	23.5	35.3#
71	34.5	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
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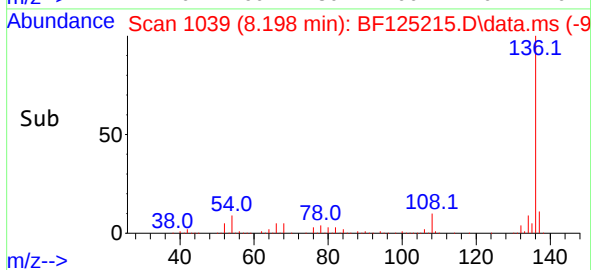
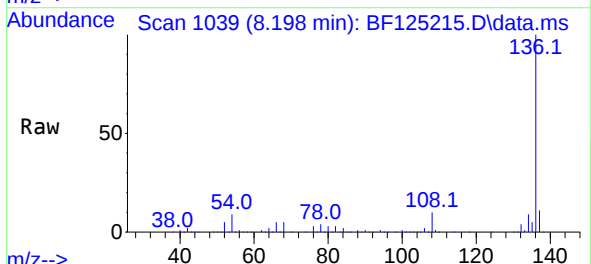
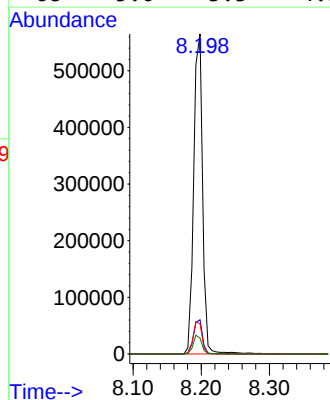
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

Tgt Ion: 136 Resp: 506442

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	9.4	6.4	9.6
68	5.0	3.3	4.9#





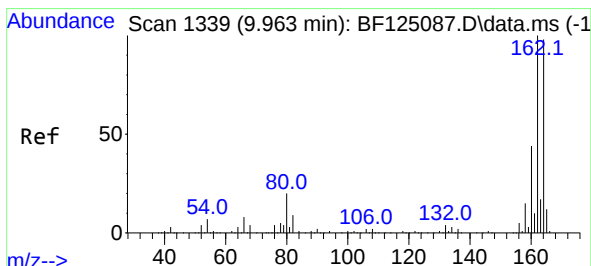
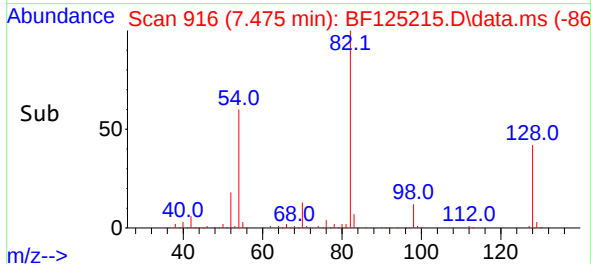
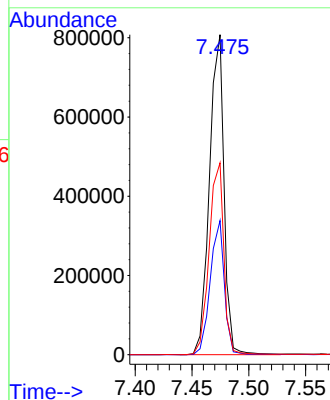
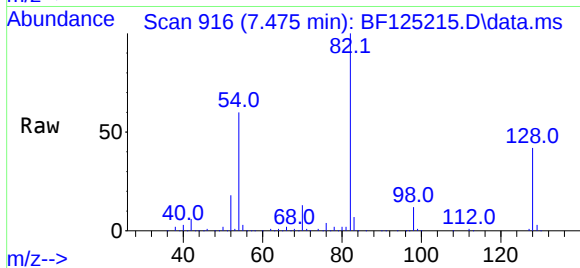
#23
Nitrobenzene-d5
Concen: 71.530 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

Tgt Ion: 82 Resp: 719561
Ion Ratio Lower Upper
82 100
128 41.9 40.6 60.8
54 60.0 49.6 74.4

Instrument :
BNA_F
ClientSampleId :
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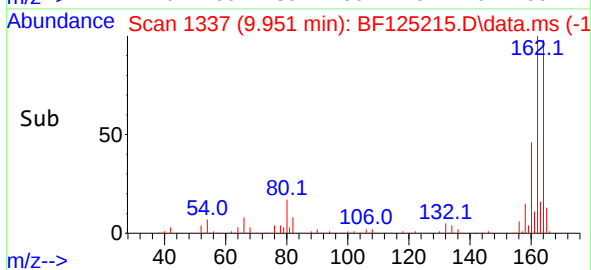
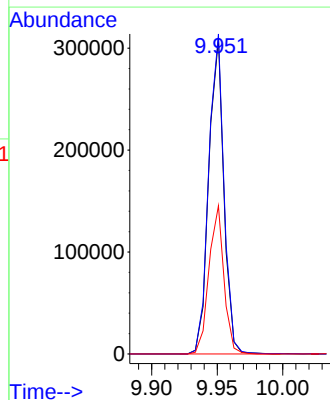
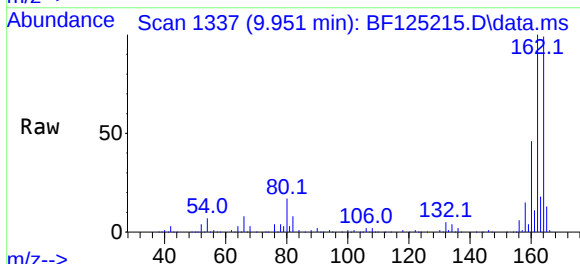
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

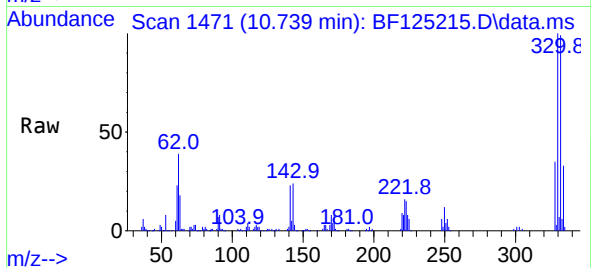
Tgt Ion:164 Resp: 247883
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 47.0 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 69.192 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

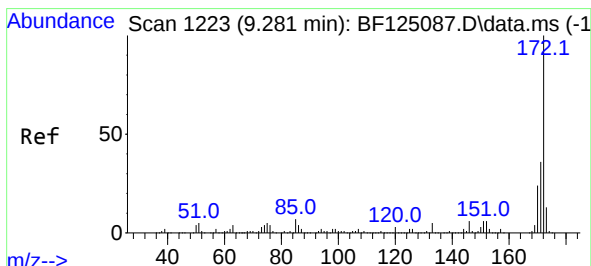
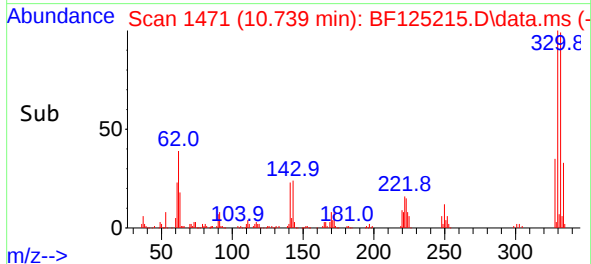
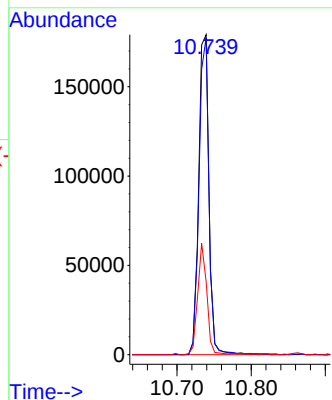
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BNA_F
ClientSampleId :
SAMPLE-6-(203.30)



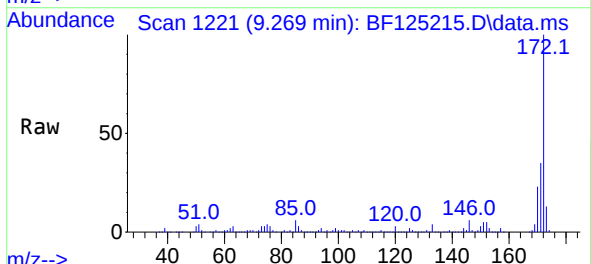
Tgt Ion: 330 Resp: 171211
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 30.9 44.6 66.8#

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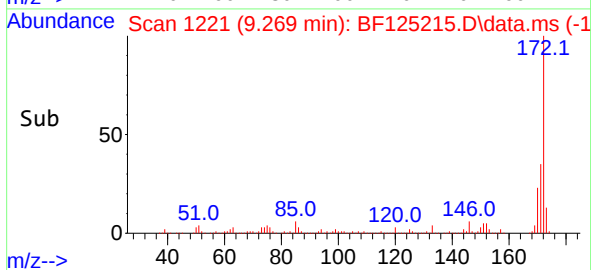
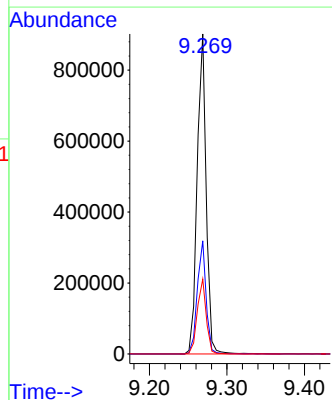
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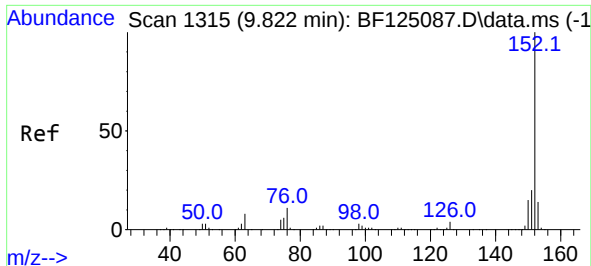


#45
2-Fluorobiphenyl
Concen: 40.961 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06



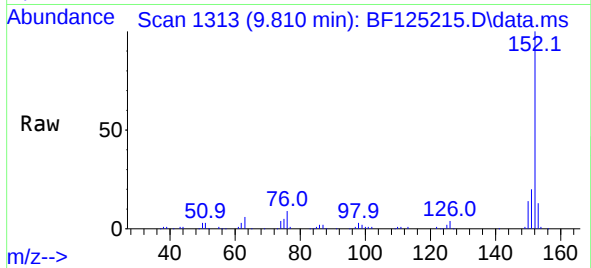
Tgt Ion: 172 Resp: 728522
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.4 18.8 28.2





#49
Acenaphthylene
Concen: 3.970 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

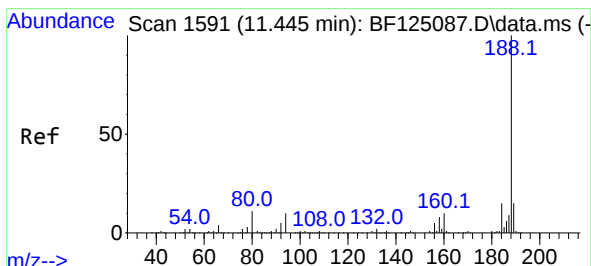
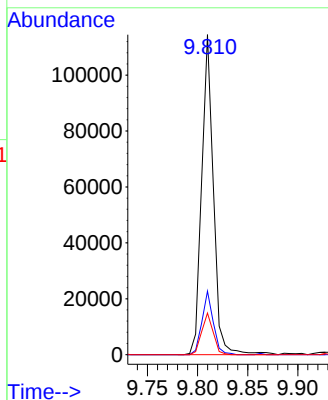
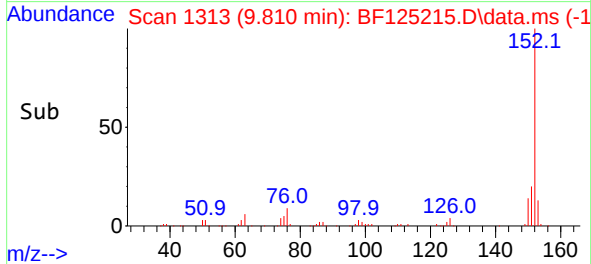
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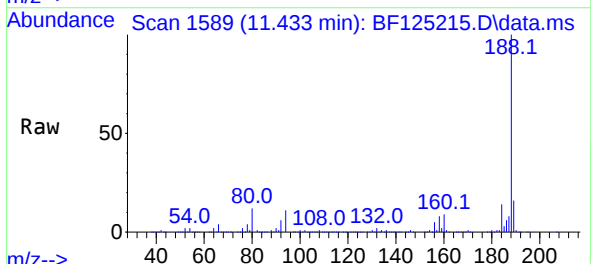
Tgt Ion:152 Resp: 93948
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 9.8 14.8

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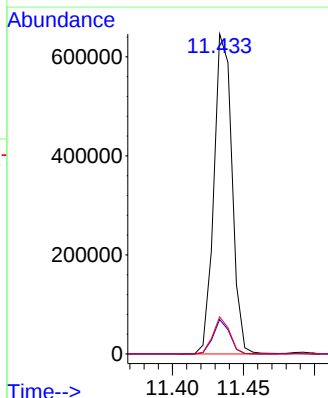
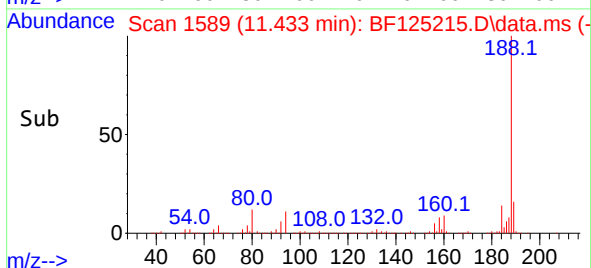
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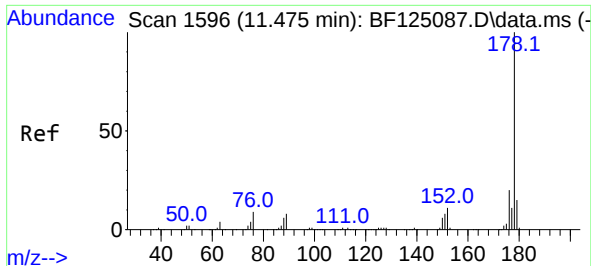


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06



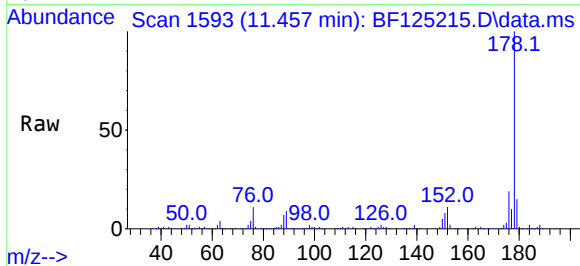
Tgt Ion:188 Resp: 571957
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 11.6 7.5 11.3#





#71
Phenanthrene
Concen: 4.306 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

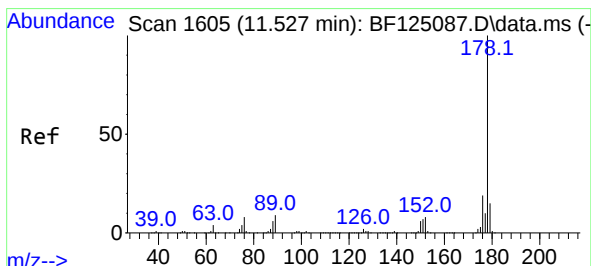
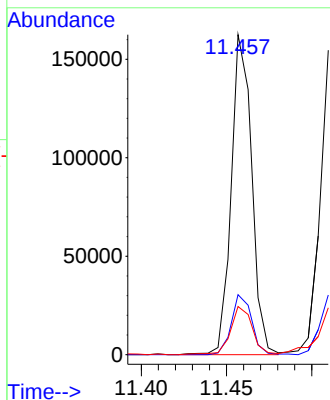
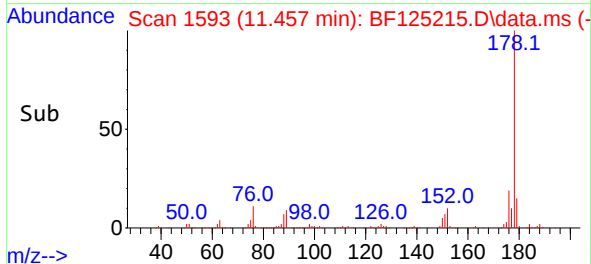
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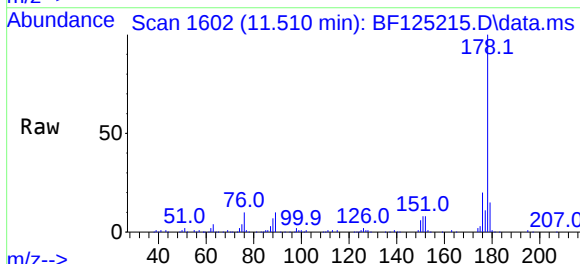
Tgt Ion:178 Resp: 135697
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 15.0 11.5 17.3

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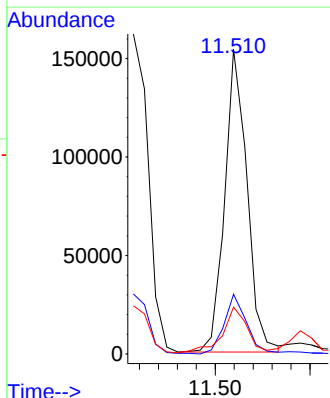
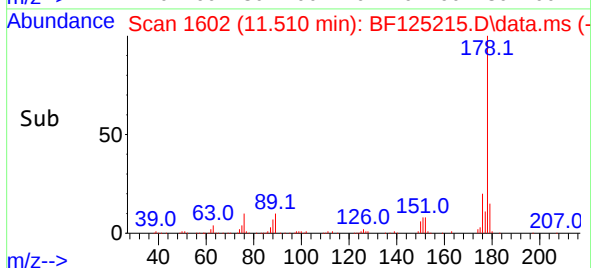
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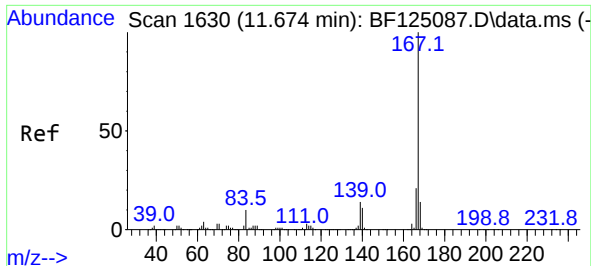


#72
Anthracene
Concen: 4.046 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06



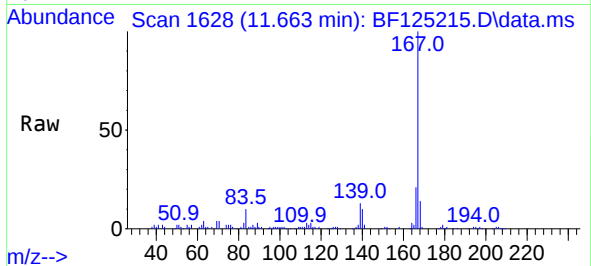
Tgt Ion:178 Resp: 125695
Ion Ratio Lower Upper
178 100
176 19.6 14.3 21.5
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 2.940 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.006 min
 Lab File: BF125215.D
 Acq: 25 Aug 2021 18:06

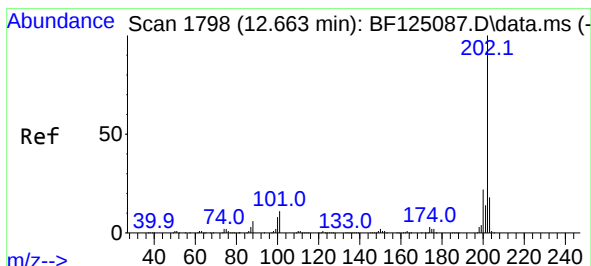
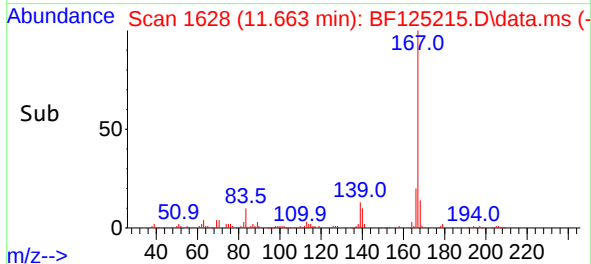
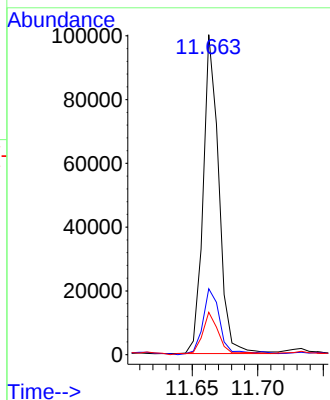
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-6-(203.30)



Tgt Ion:	167	Resp:	83465
Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.4	26.0
139	13.3	11.0	16.4

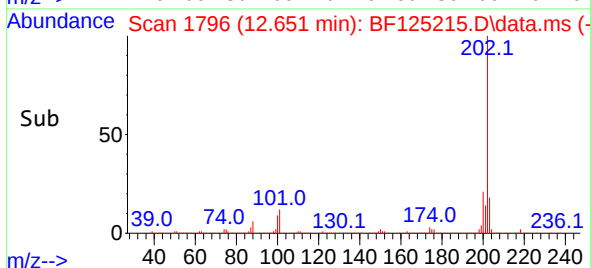
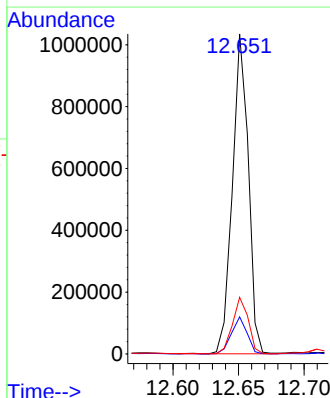
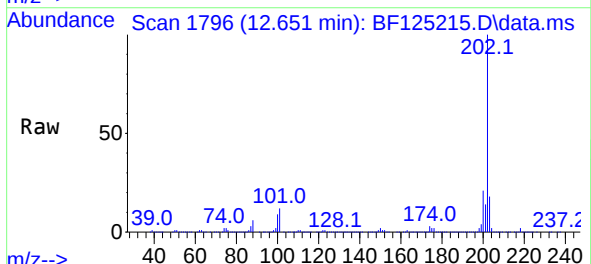
Manual Integrations
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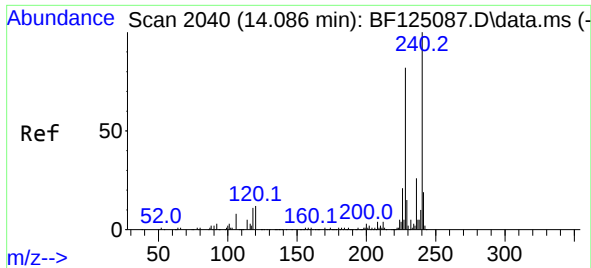
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#75
 Fluoranthene
 Concen: 27.947 ng
 RT: 12.651 min Scan# 1796
 Delta R.T. -0.000 min
 Lab File: BF125215.D
 Acq: 25 Aug 2021 18:06

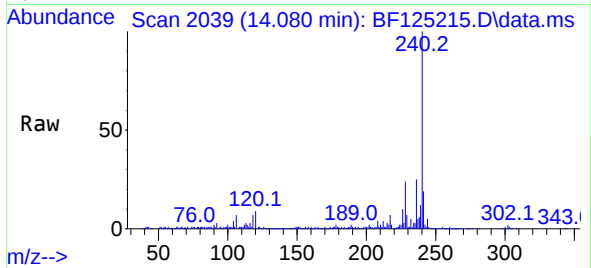
Tgt Ion:	202	Resp:	873923
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.7
203	17.7	0.0	36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

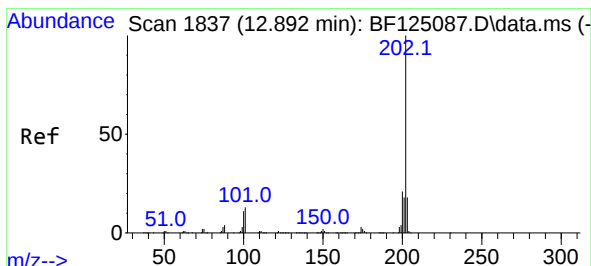
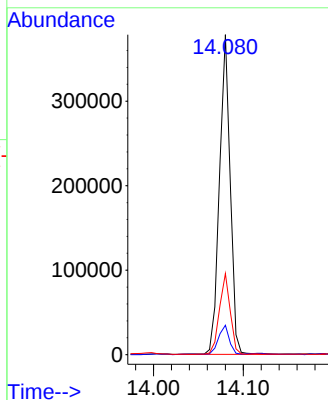
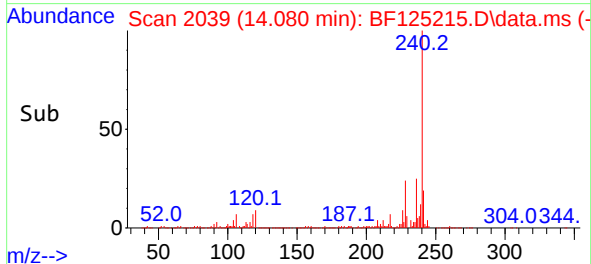
Instrument :
BNA_F
ClientSampleId :
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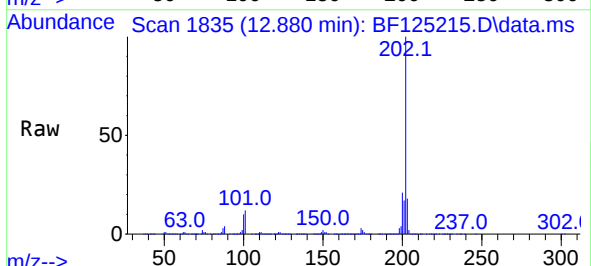
Tgt Ion:240 Resp: 315423
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 25.4 21.6 32.4

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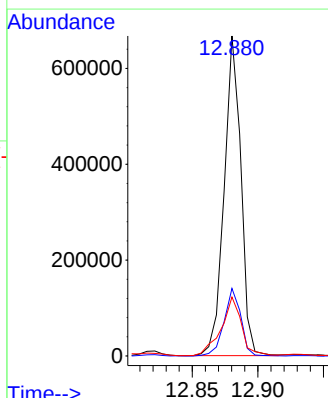
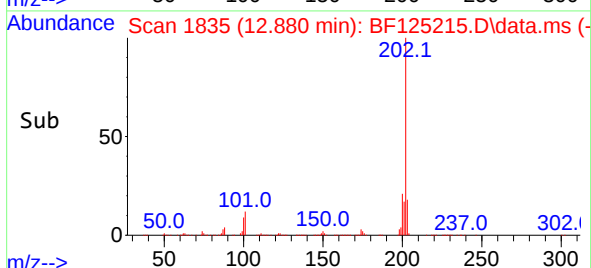
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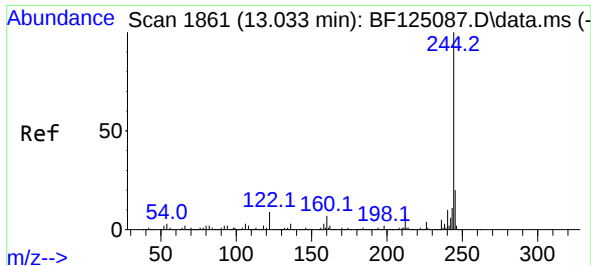


#78
Pyrene
Concen: 21.908 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06



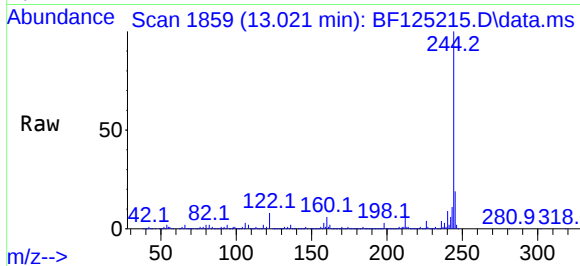
Tgt Ion:202 Resp: 592760
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 18.4 13.4 20.0





#79
Terphenyl-d14
Concen: 29.935 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

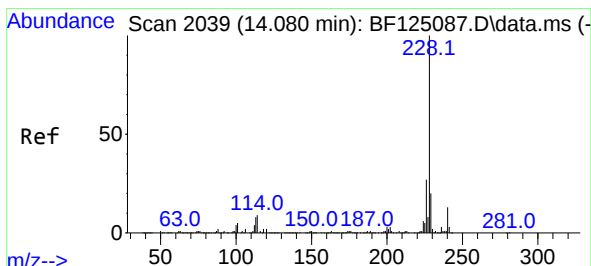
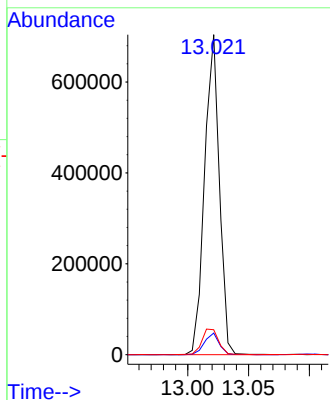
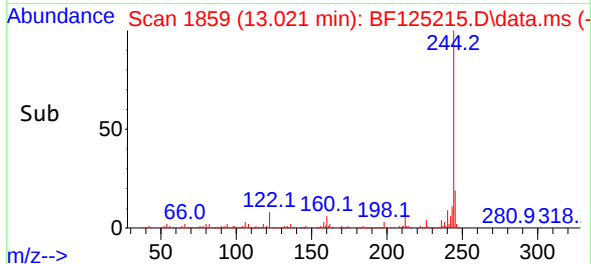
Instrument :
BNA_F
ClientSampleId :
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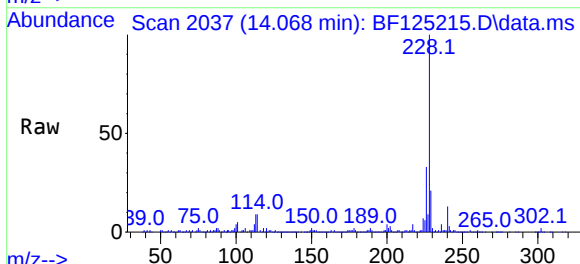
Tgt Ion:244 Resp: 592705
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 7.8 9.0 13.4#

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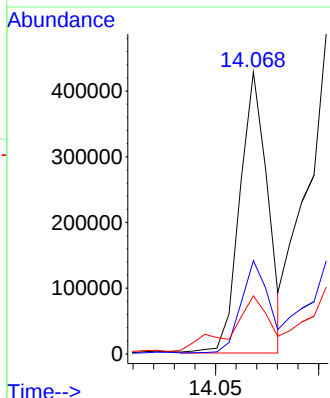
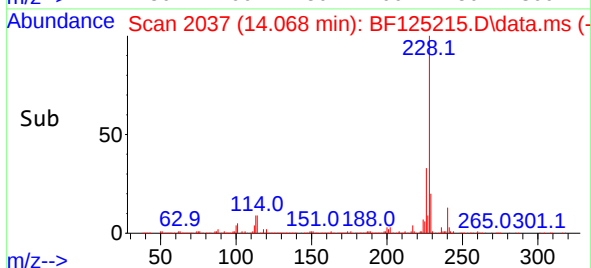
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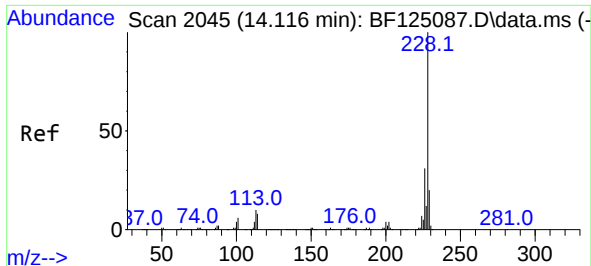


#81
Benzo(a)anthracene
Concen: 17.674 ng m
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06



Tgt Ion:228 Resp: 401668
Ion Ratio Lower Upper
228 100
226 33.1 21.6 32.4#
229 20.6 15.6 23.4





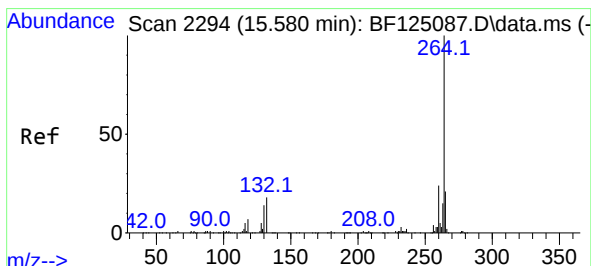
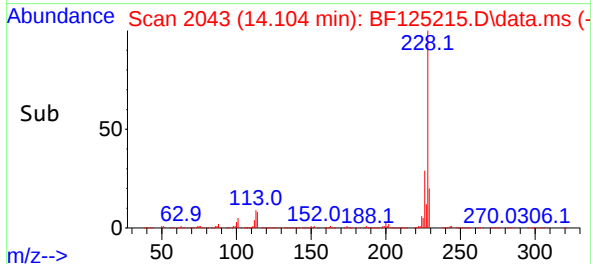
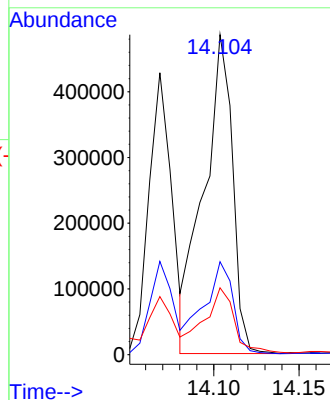
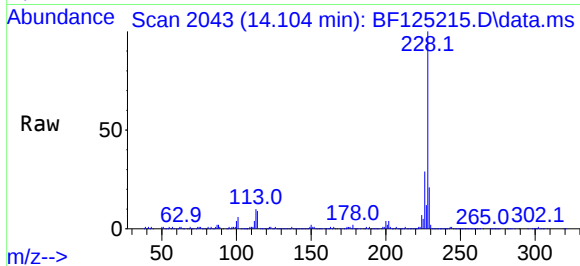
#83
Chrysene
Concen: 25.266 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

Tgt Ion:	228	Resp:	567873
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.6	34.0
229	20.9	15.9	23.9

Instrument :
BNA_F
ClientSampleId :
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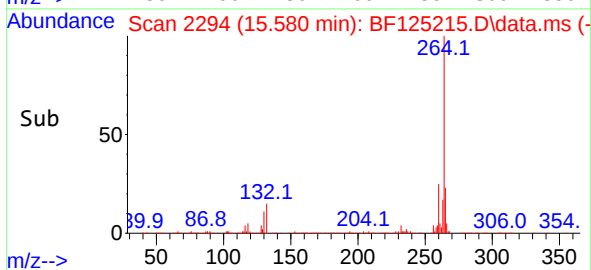
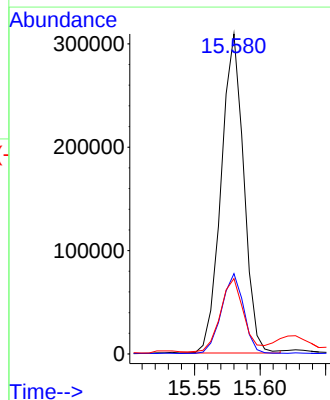
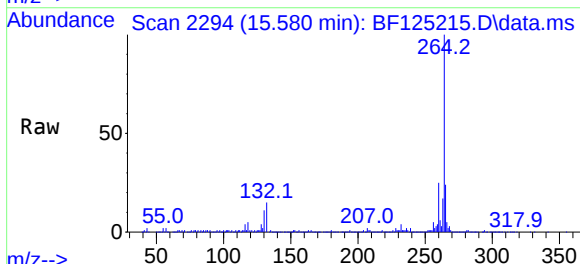
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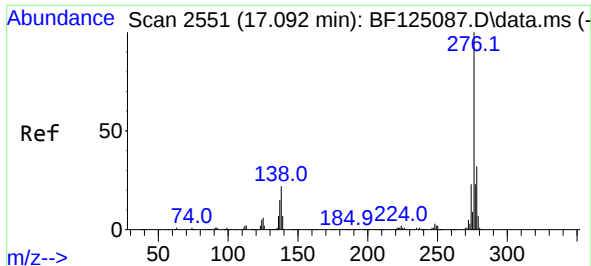
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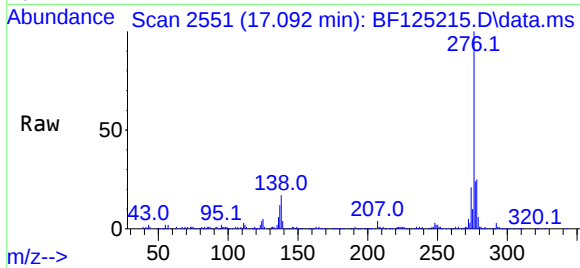
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

Tgt Ion:	264	Resp:	369057
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.6	29.4
265	23.6	17.2	25.8

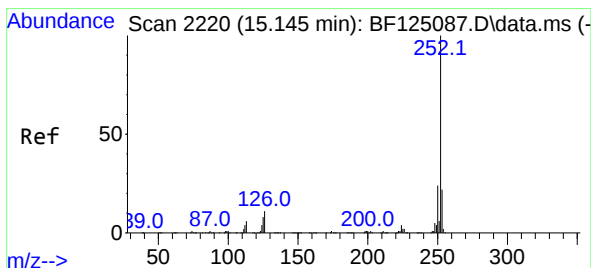
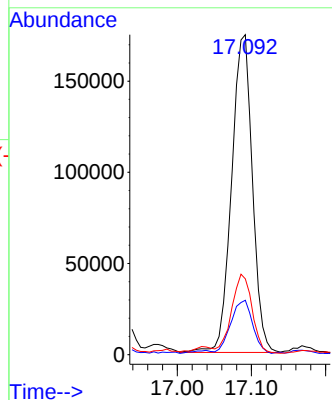
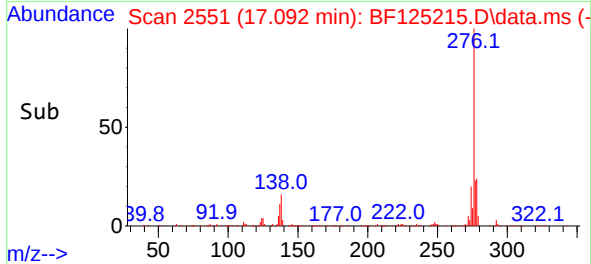




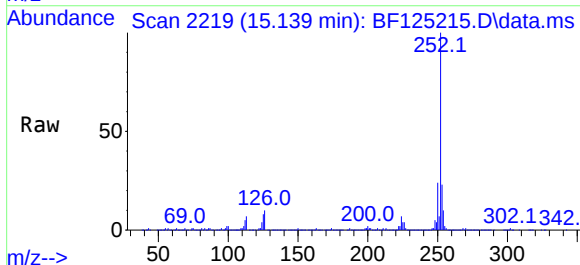
#87
Indeno(1,2,3-cd)pyrene
Concen: 12.793 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.000 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06



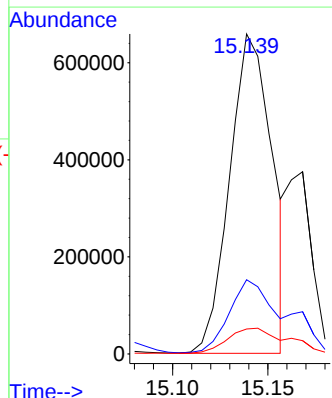
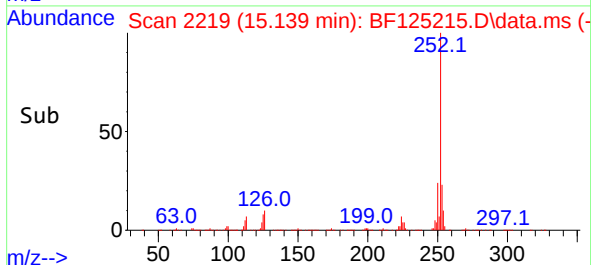
Tgt Ion: 276 Resp: 340125
Ion Ratio Lower Upper
276 100
138 17.4 24.1 36.1#
277 24.4 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 37.888 ng m
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06



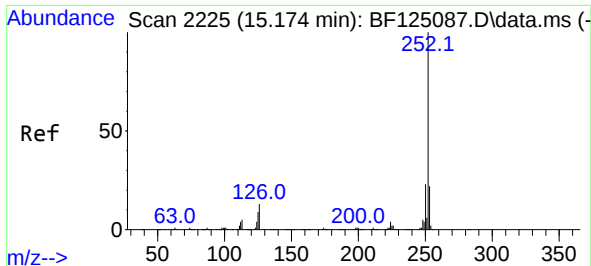
Tgt Ion: 252 Resp: 1021554
Ion Ratio Lower Upper
252 100
253 23.2 16.8 25.2
125 7.8 9.8 14.8#



Instrument :
BNA_F
ClientSampleId :
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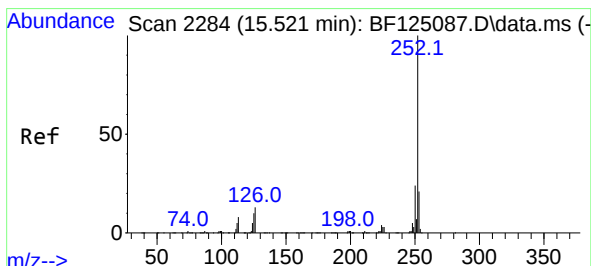
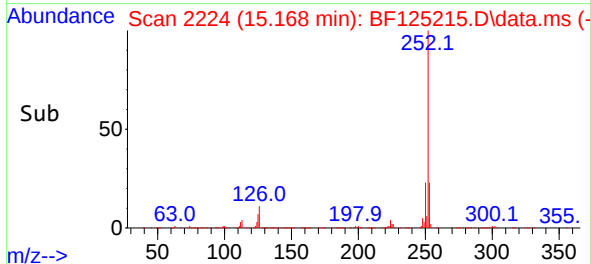
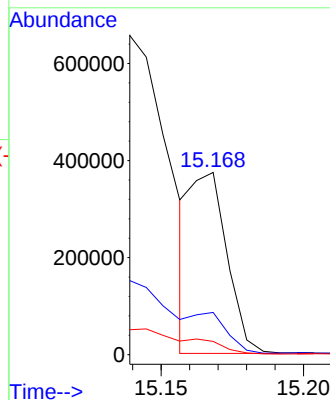
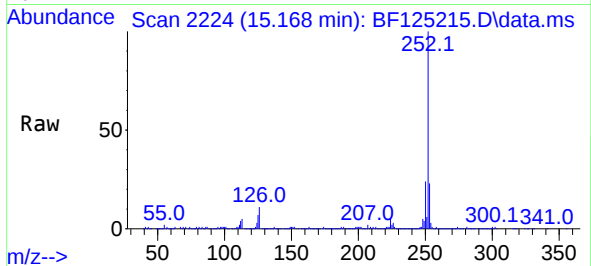
#89
Benzo(k)fluoranthene
Concen: 13.086 ng m
RT: 15.168 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

Tgt Ion:252 Resp: 329242
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 7.3 7.2 10.8

Instrument :
BNA_F
ClientSampleId :
SAMPLE-6-(203.30)

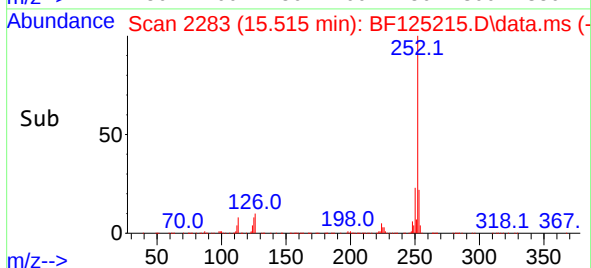
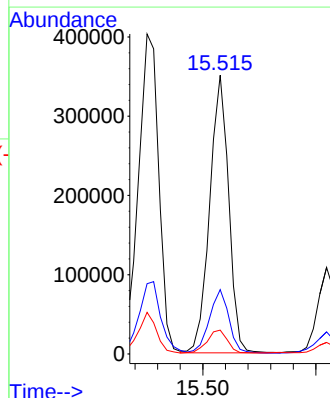
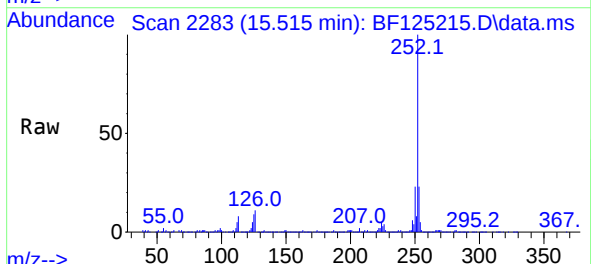
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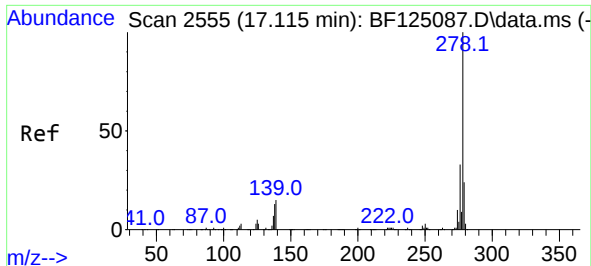
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#90
Benzo(a)pyrene
Concen: 17.175 ng m
RT: 15.515 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

Tgt Ion:252 Resp: 409053
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 8.6 9.9 14.9#





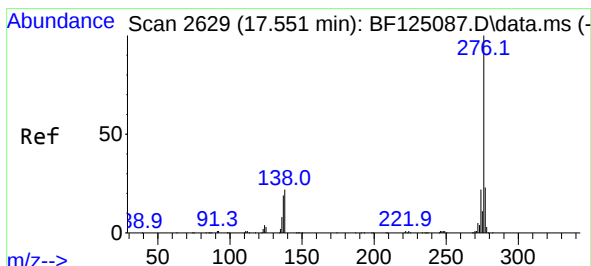
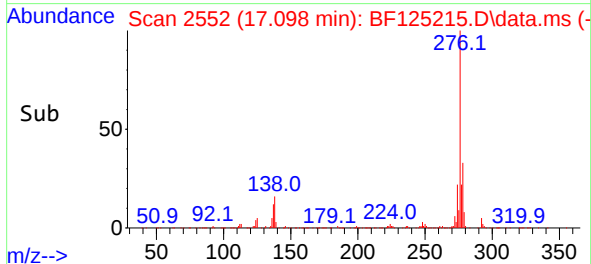
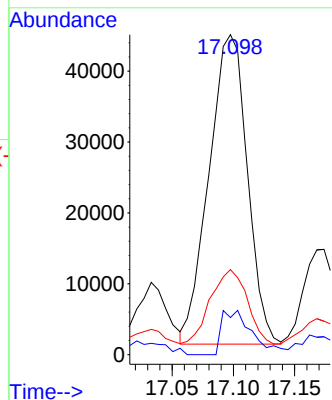
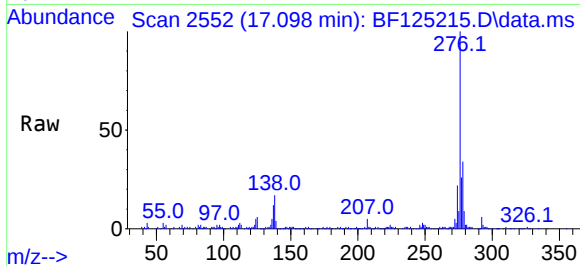
#91
Dibenzo(a,h)anthracene
Concen: 4.136 ng m
RT: 17.098 min Scan# 2552
Delta R.T. -0.012 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

Tgt Ion:278 Resp: 95060
Ion Ratio Lower Upper
278 100
139 11.6 14.9 22.3#
279 26.6 19.7 29.5

Instrument :
BNA_F
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 12.035 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.006 min
Lab File: BF125215.D
Acq: 25 Aug 2021 18:06

Tgt Ion:276 Resp: 266704
Ion Ratio Lower Upper
276 100
277 24.2 22.0 33.0
138 17.7 22.2 33.4#

