

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125196.D
 Acq On : 24 Aug 2021 21:10
 Operator : JU/CG
 Sample : M3507-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 130-B

Manual Integrations
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Quant Time: Aug 25 04:38:03 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	144431	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	551102	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	280642	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	425996	20.000	ng	0.00
76) Chrysene-d12	14.080	240	342370	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	336240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	947075	99.251	ng	0.00
7) Phenol-d6	6.539	99	1172716	95.025	ng	0.00
23) Nitrobenzene-d5	7.475	82	792815	72.425	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	312697	111.621	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1373232	68.198	ng	0.00
79) Terphenyl-d14	13.027	244	1211569	56.376	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	9.004	142	65597	3.766	ng	95
52) Acenaphthene	9.980	154	39970	2.406	ng	98
58) Fluorene	10.498	166	101030	5.717	ng	100
71) Phenanthrene	11.463	178	447011	19.044	ng	97
72) Anthracene	11.510	178	134993	5.835	ng	100
75) Fluoranthene	12.651	202	317546	13.634	ng	98
78) Pyrene	12.880	202	457736	15.586	ng	96
81) Benzo(a)anthracene	14.068	228	218020	8.838	ng	93
83) Chrysene	14.104	228	227898	9.342	ng	96
87) Indeno(1,2,3-cd)pyrene	17.086	276	77437	3.197	ng	# 89
88) Benzo(b)fluoranthene	15.139	252	238164m	9.695	ng	
89) Benzo(k)fluoranthene	15.162	252	61087m	2.665	ng	
90) Benzo(a)pyrene	15.515	252	214313m	9.877	ng	
92) Benzo(g,h,i)perylene	17.545	276	79111	3.918	ng	# 90

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

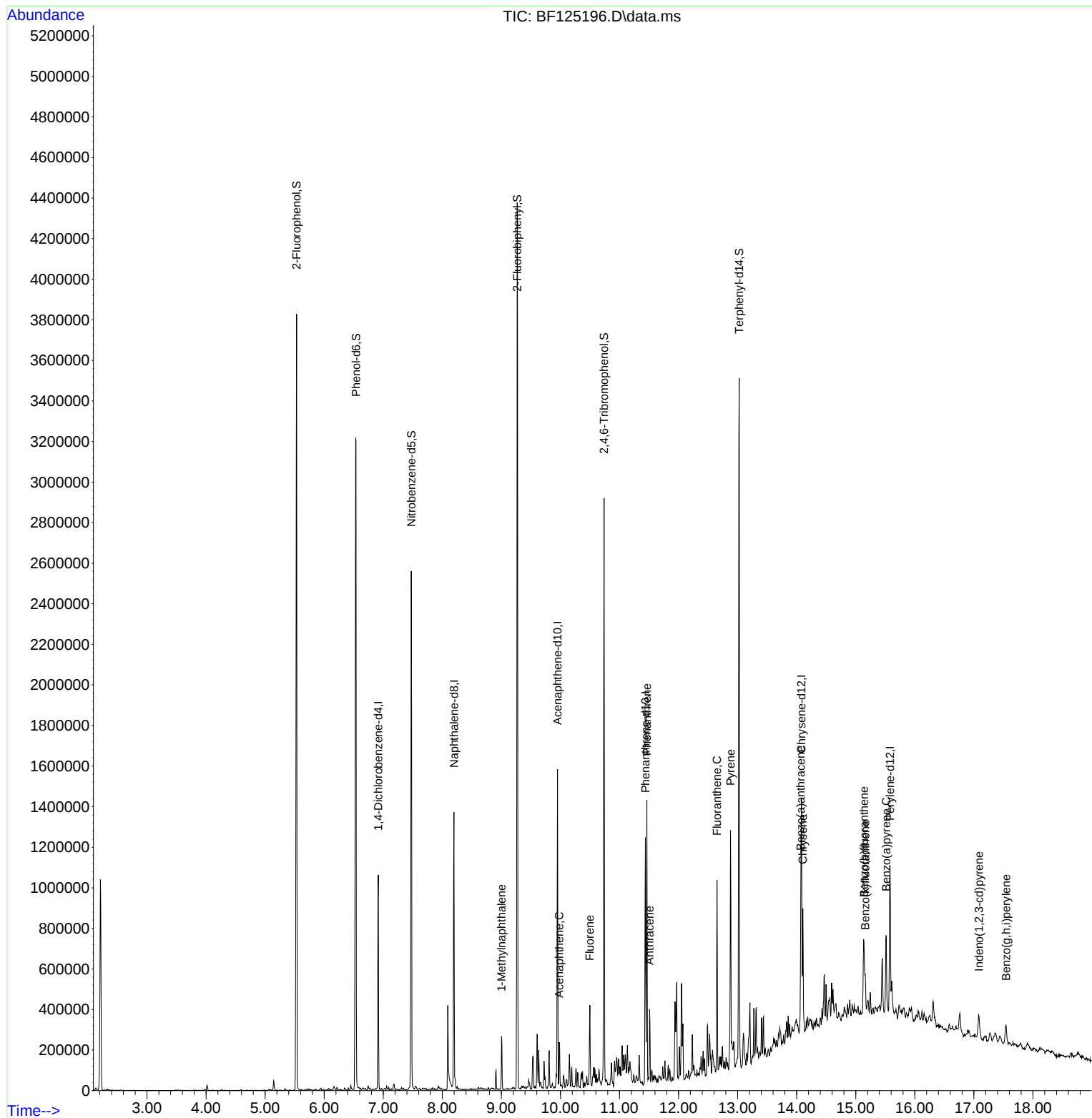
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125196.D
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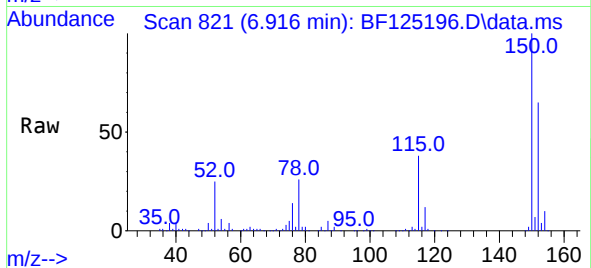
Quant Time: Aug 25 04:38:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

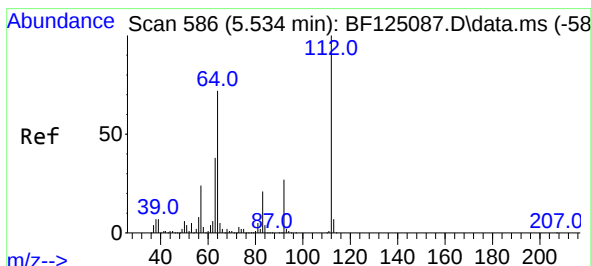
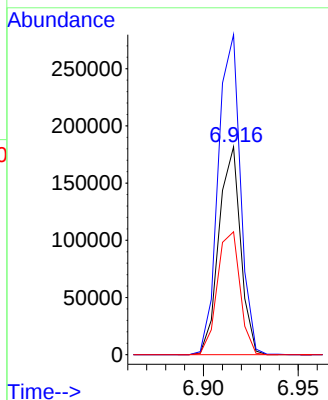
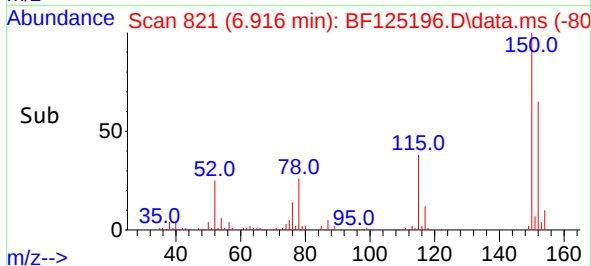
Instrument :
BNA_F
ClientSampled :
130-B



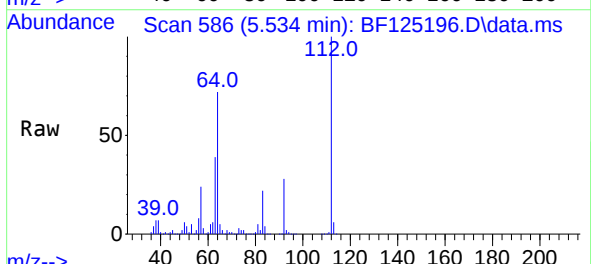
Tgt Ion:152 Resp: 144431
Ion Ratio Lower Upper
152 100
150 154.0 117.6 176.4
115 59.2 47.1 70.7

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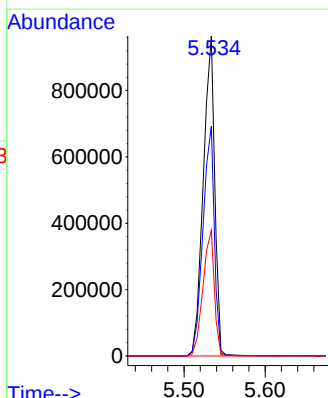
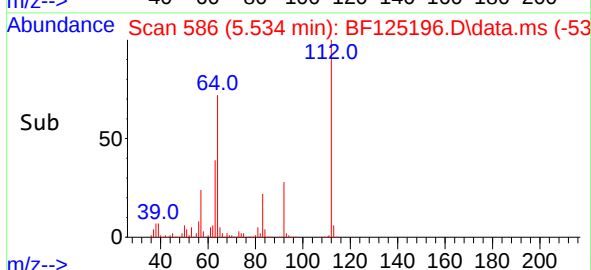
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#5
2-Fluorophenol
Concen: 99.251 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10



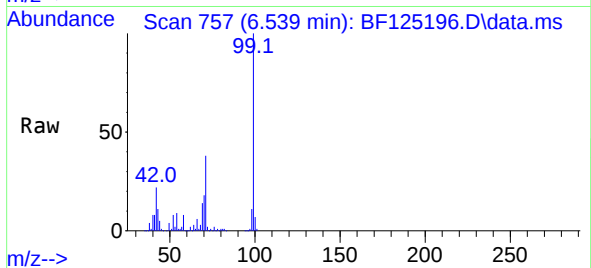
Tgt Ion:112 Resp: 947075
Ion Ratio Lower Upper
112 100
64 71.8 44.2 66.2#
63 39.3 26.2 39.2#





#7
Phenol-d6
Concen: 95.025 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

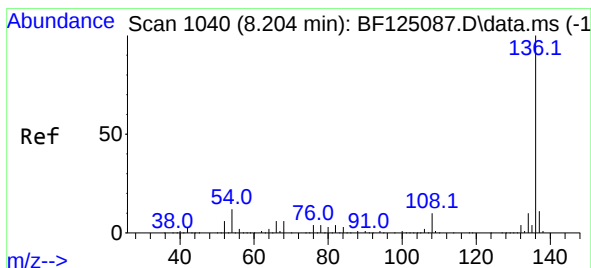
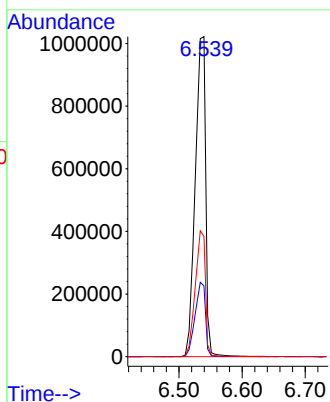
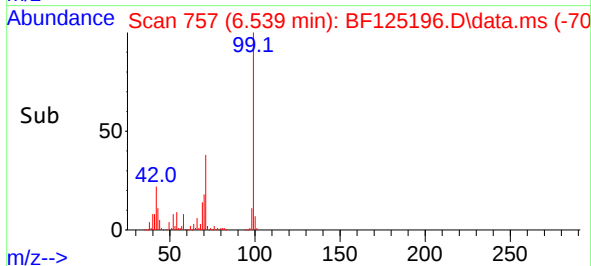
Instrument :
BNA_F
ClientSampled :
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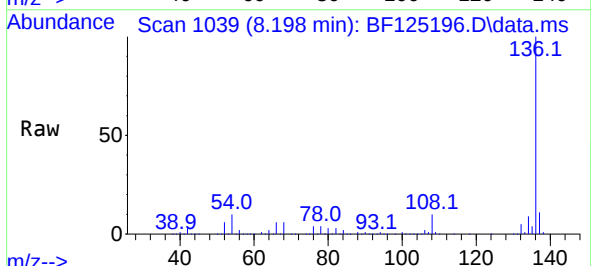
Tgt Ion: 99 Resp: 1172716
Ion Ratio Lower Upper
99 100
42 22.1 23.5 35.3#
71 37.6 25.6 38.4

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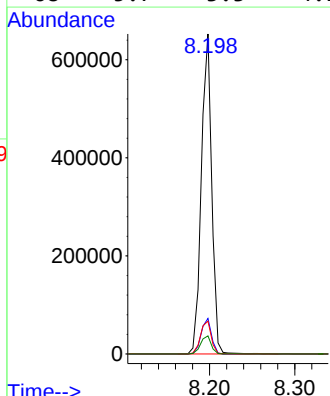
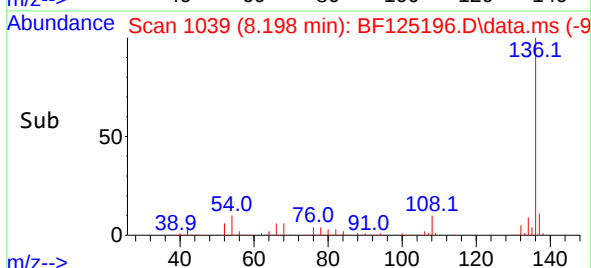
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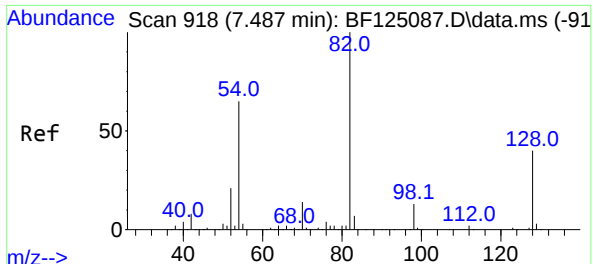


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

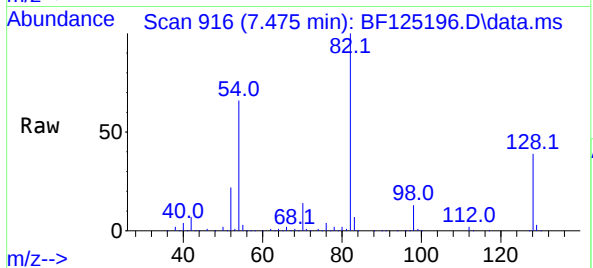


Tgt Ion: 136 Resp: 551102
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 10.3 6.4 9.6#
68 5.7 3.3 4.9#

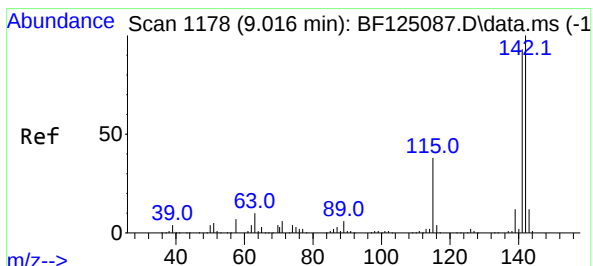
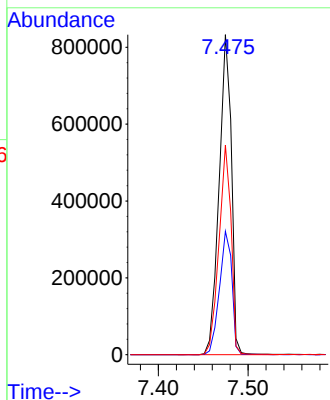
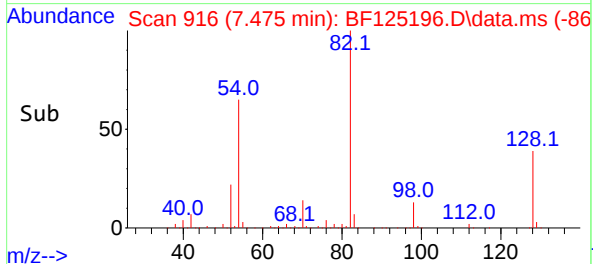




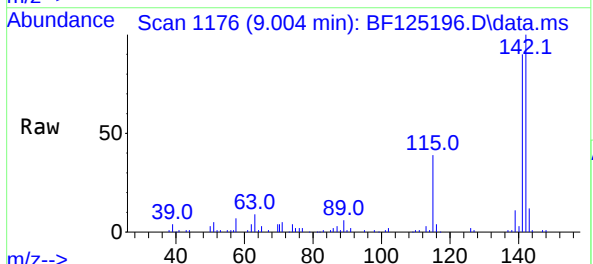
#23
Nitrobenzene-d5
Concen: 72.425 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10



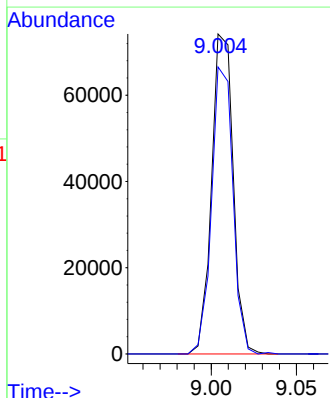
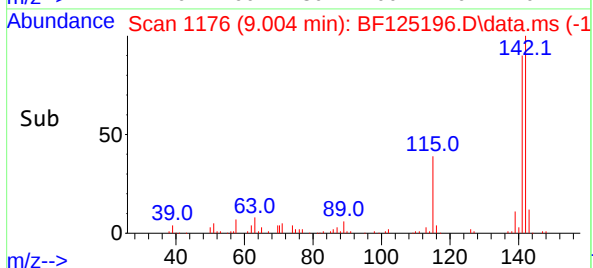
Tgt Ion: 82 Resp: 792815
Ion Ratio Lower Upper
82 100
128 38.5 40.6 60.8#
54 65.5 49.6 74.4



#38
1-Methylnaphthalene
Concen: 3.766 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10



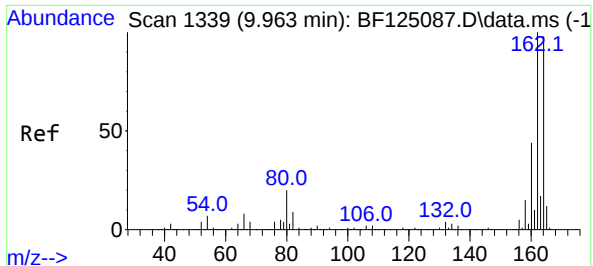
Tgt Ion: 142 Resp: 65597
Ion Ratio Lower Upper
142 100
141 89.7 76.0 114.0



Instrument :
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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: BF125196.D

Acq: 24 Aug 2021 21:10

Tgt Ion:164 Resp: 280642

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

160 44.9 38.0 57.0

Instrument :

BNA_F

ClientSampled :

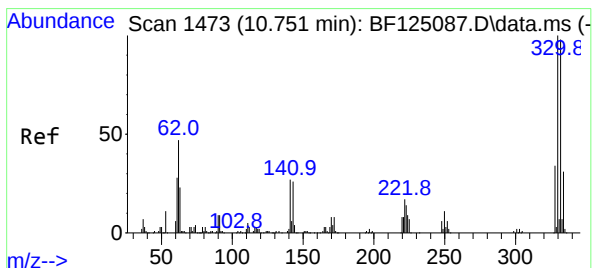
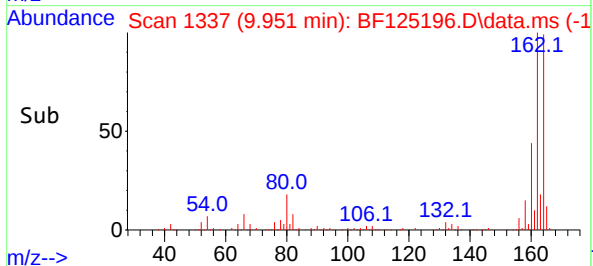
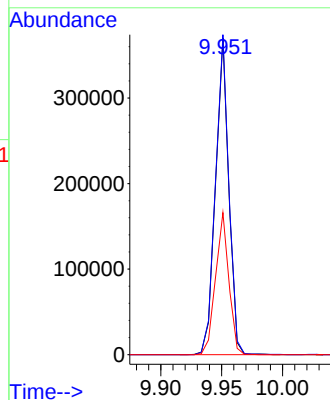
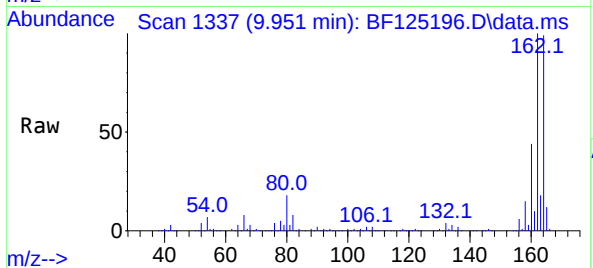
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#42

2,4,6-Tribromophenol

Concen: 111.621 ng

RT: 10.739 min Scan# 1471

Delta R.T. -0.000 min

Lab File: BF125196.D

Acq: 24 Aug 2021 21:10

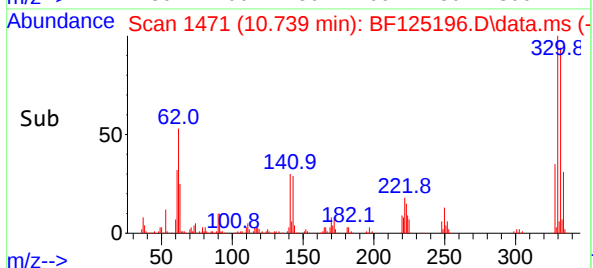
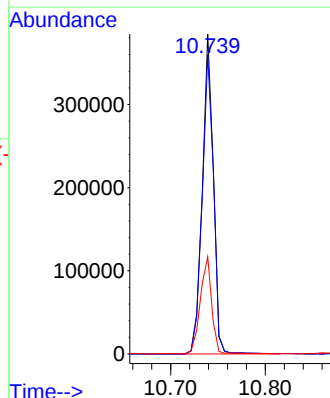
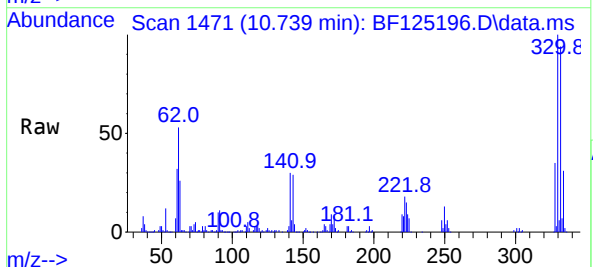
Tgt Ion:330 Resp: 312697

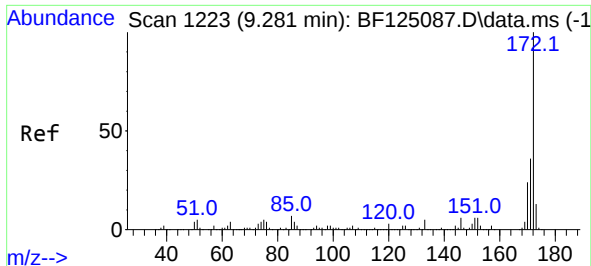
Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

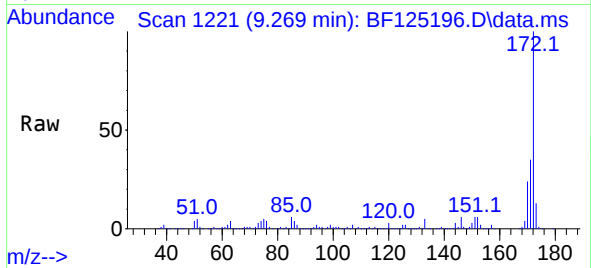
141 31.8 44.6 66.8#





#45
2-Fluorobiphenyl
Concen: 68.198 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

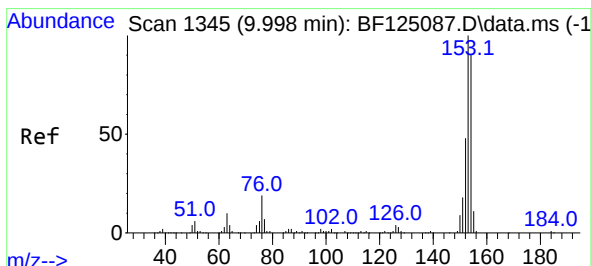
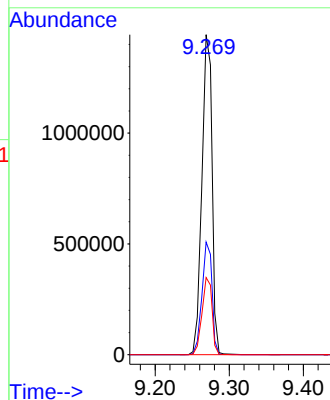
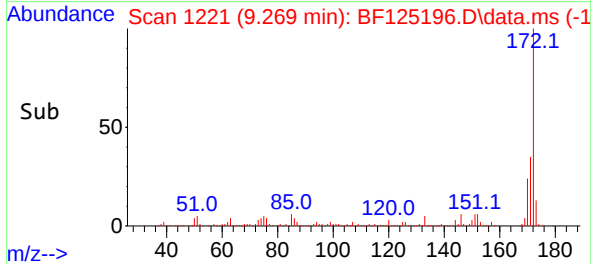
Instrument :
BNA_F
ClientSampled :
130-B



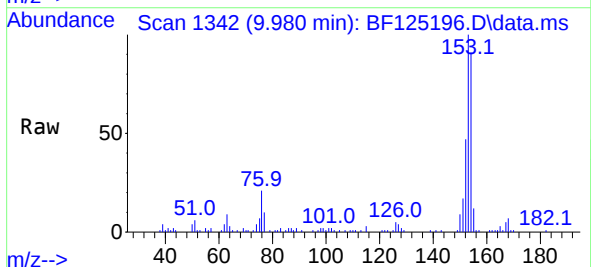
Tgt Ion:172 Resp: 1373232
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 24.1 18.8 28.2

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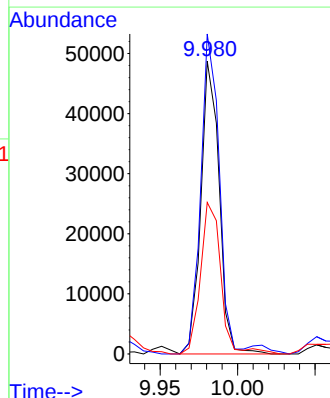
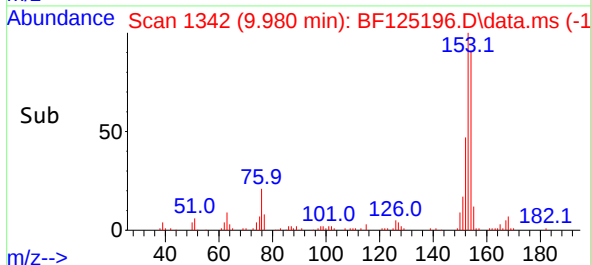
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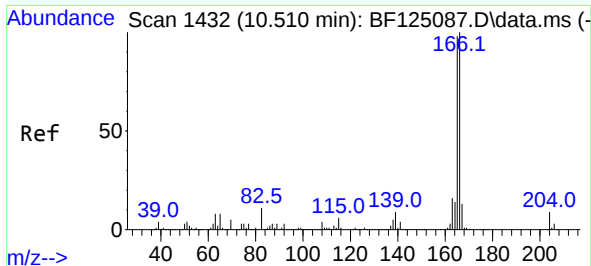


#52
Acenaphthene
Concen: 2.406 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

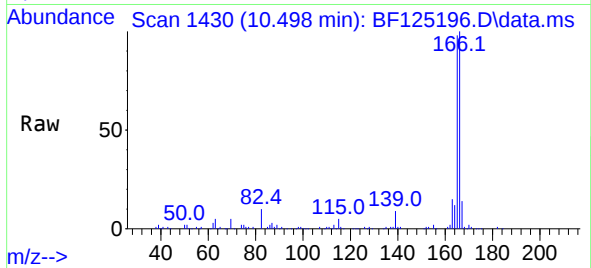


Tgt Ion:154 Resp: 39970
Ion Ratio Lower Upper
154 100
153 109.3 89.4 134.2
152 51.7 40.5 60.7

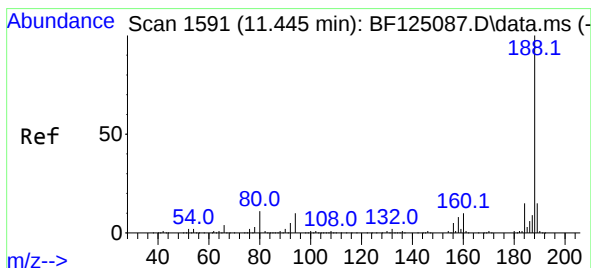
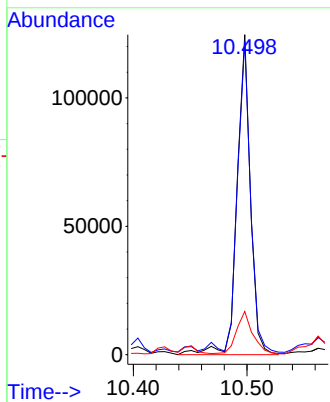
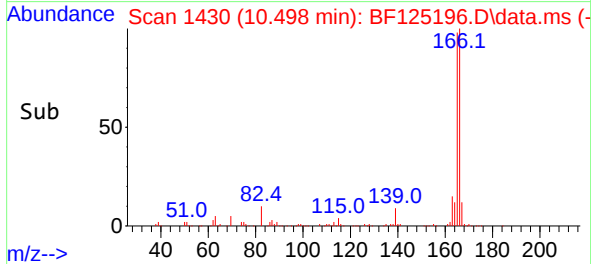




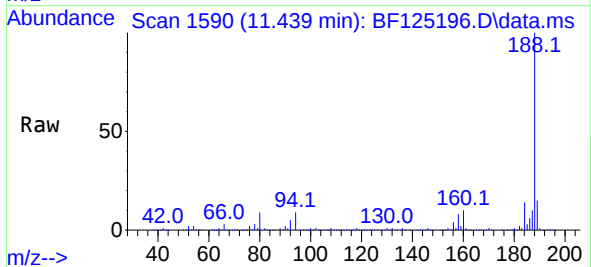
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Fluorene
Concen: 5.717 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10



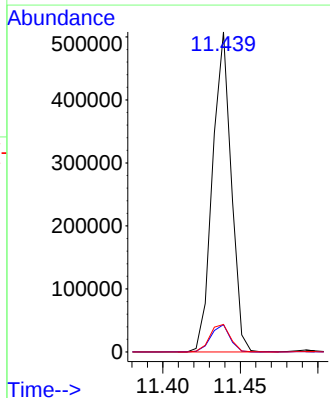
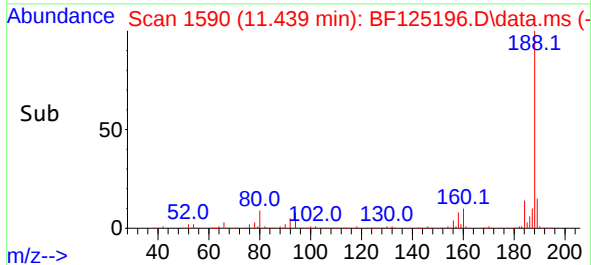
Tgt Ion:166 Resp: 101030
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.5 11.1 16.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10



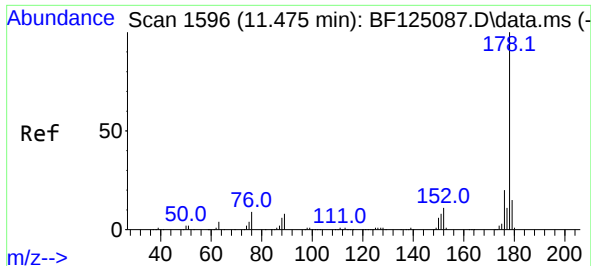
Tgt Ion:188 Resp: 425996
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 8.6 7.5 11.3



Instrument :
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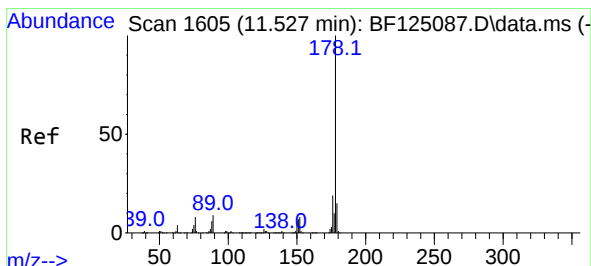
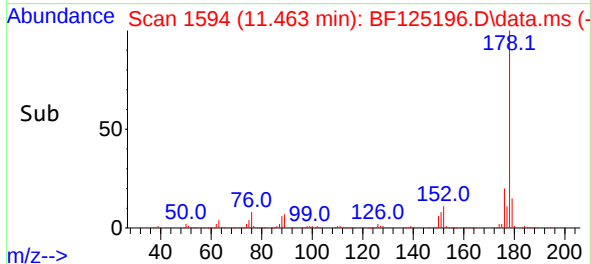
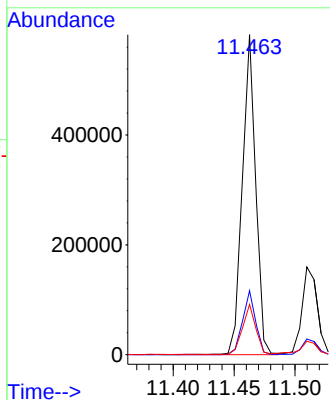
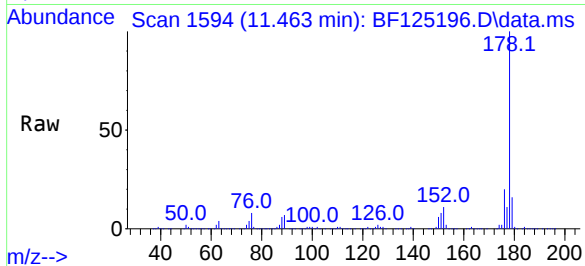
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Phenanthrene
Concen: 19.044 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

Tgt Ion:178 Resp: 447011
Ion Ratio Lower Upper
178 100
176 20.0 14.7 22.1
179 15.7 11.5 17.3

Instrument :
BNA_F
ClientSampled :
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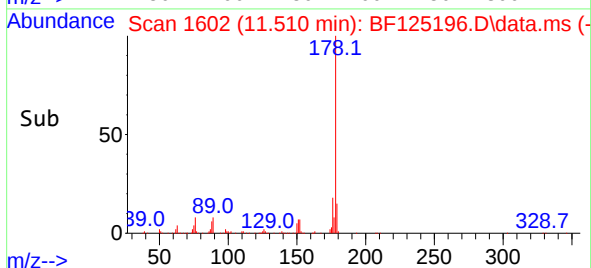
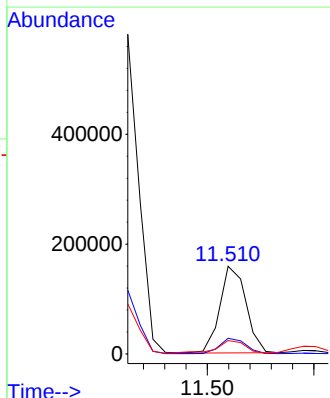
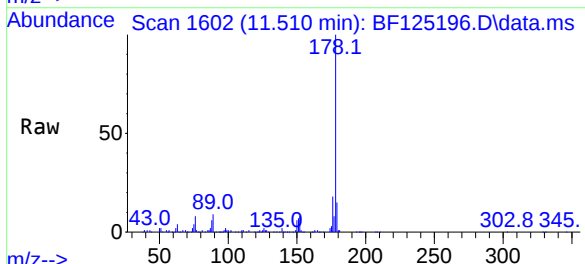
Manual Integrations
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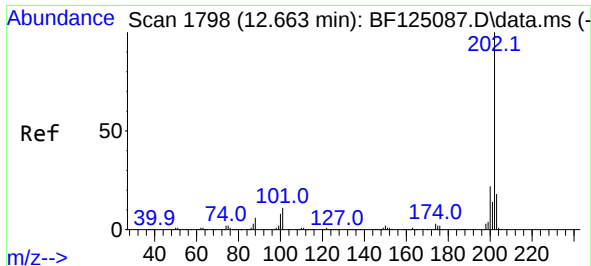
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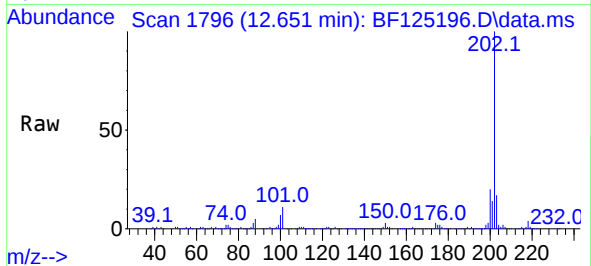
#72
Anthracene
Concen: 5.835 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

Tgt Ion:178 Resp: 134993
Ion Ratio Lower Upper
178 100
176 17.9 14.3 21.5
179 15.4 12.2 18.4

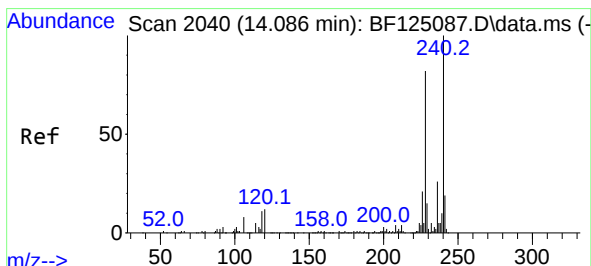
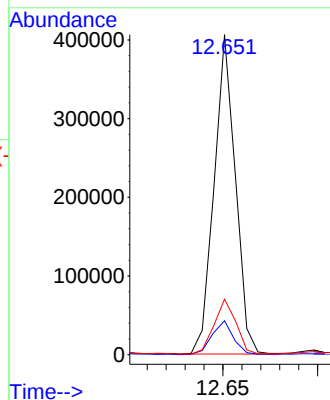
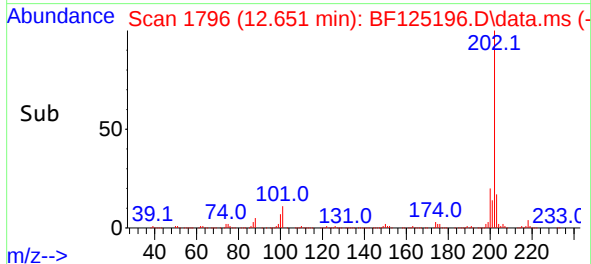




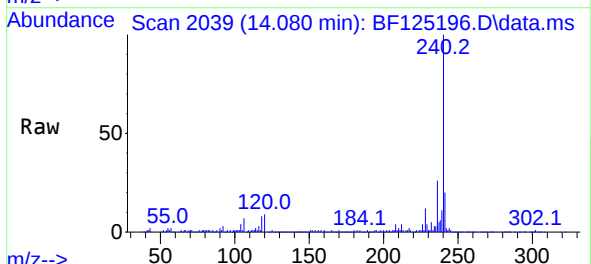
#75
Fluoranthene
Concen: 13.634 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10



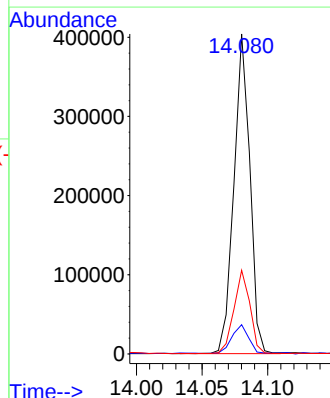
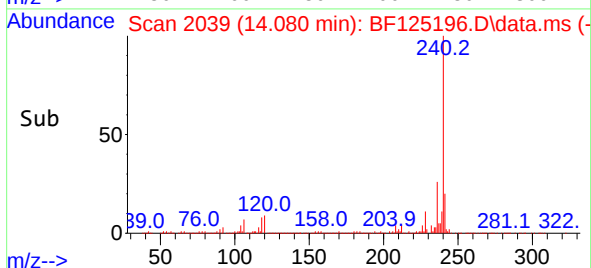
Tgt Ion:202 Resp: 317546
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.7
203 17.4 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10



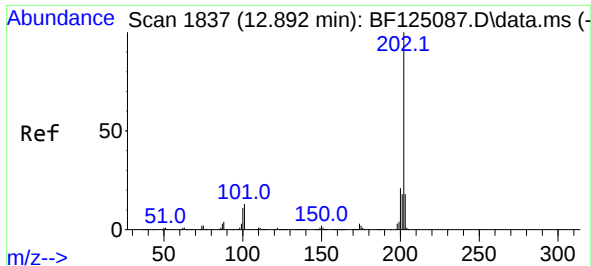
Tgt Ion:240 Resp: 342370
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 26.2 21.6 32.4



Instrument :
BNA_F
ClientSampled :
130-B

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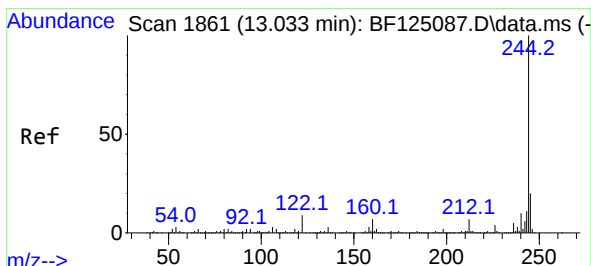
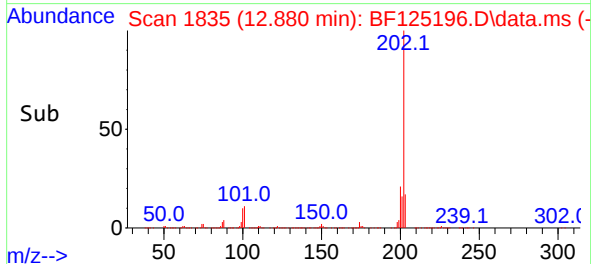
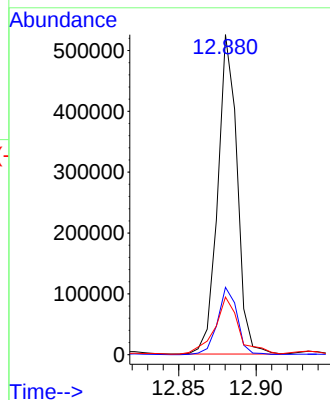
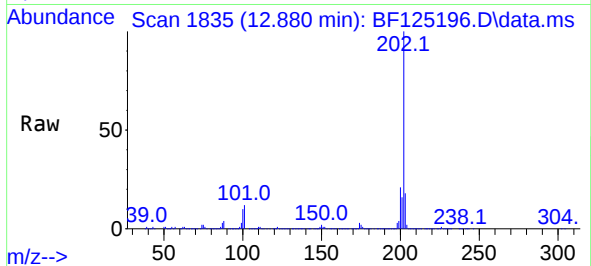
#78
Pyrene
Concen: 15.586 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

Tgt Ion:	202	Resp:	457736
Ion Ratio	Lower	Upper	
202	100		
200	21.1	15.3	22.9
203	18.0	13.4	20.0

Instrument :
BNA_F
ClientSampled :
130-B

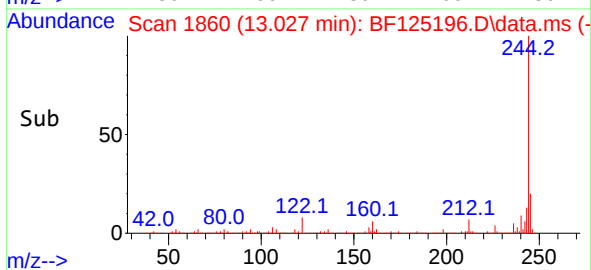
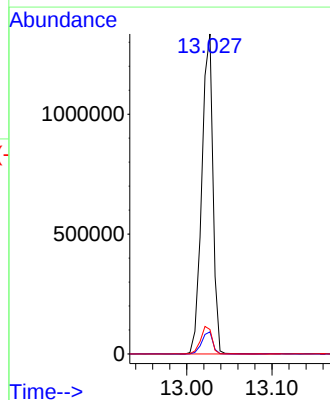
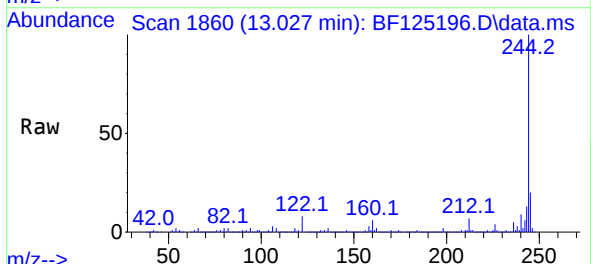
Manual Integrations
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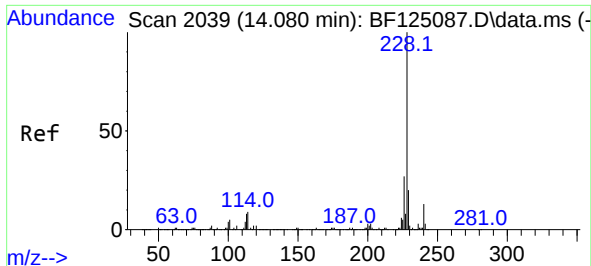
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#79
Terphenyl-d14
Concen: 56.376 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

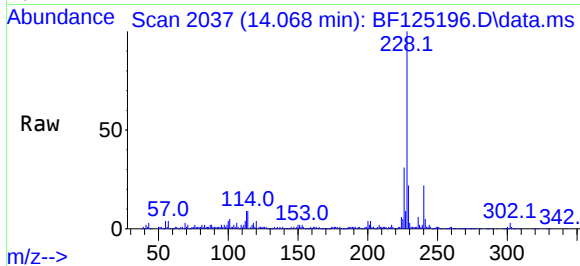
Tgt Ion:	244	Resp:	1211569
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.9	8.9
122	7.7	9.0	13.4





#81
Benzo(a)anthracene
Concen: 8.838 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

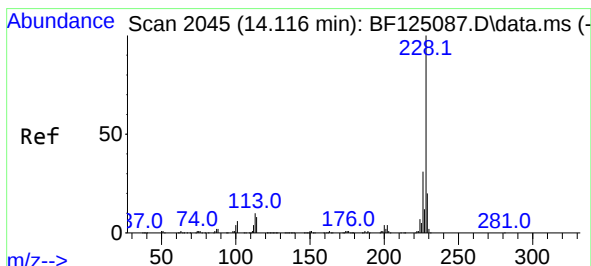
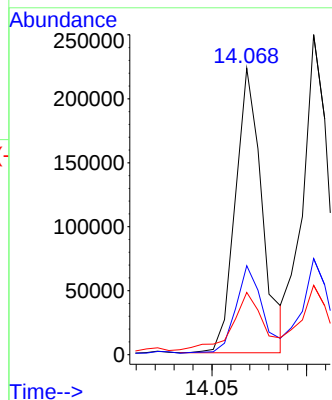
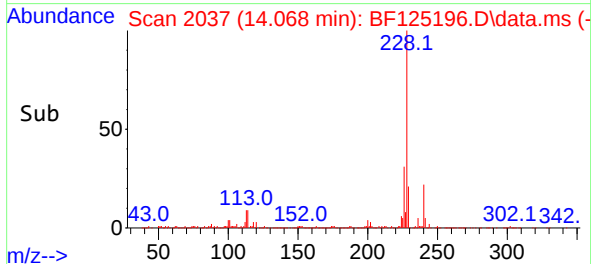
Instrument :
BNA_F
ClientSampled :
130-B



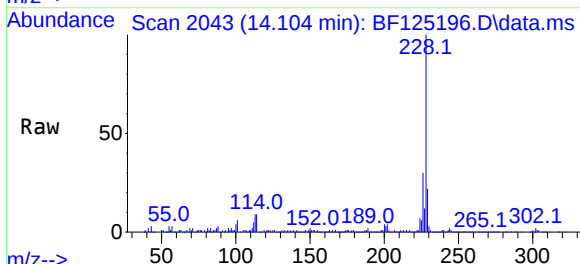
Tgt Ion:228 Resp: 218020
Ion Ratio Lower Upper
228 100
226 31.1 21.6 32.4
229 21.7 15.6 23.4

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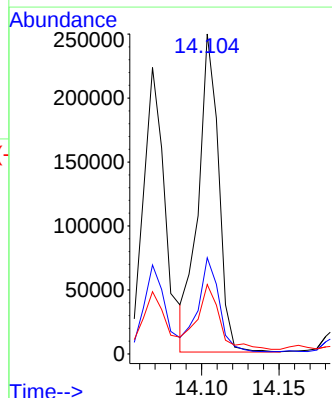
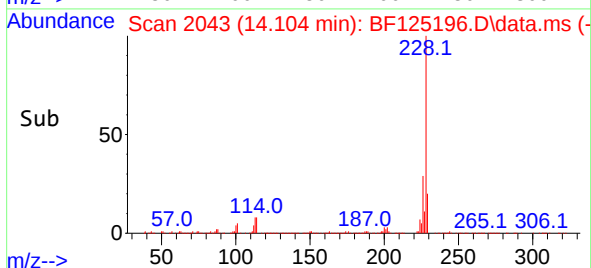
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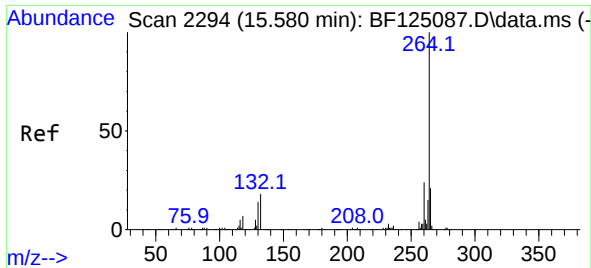


#83
Chrysene
Concen: 9.342 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10



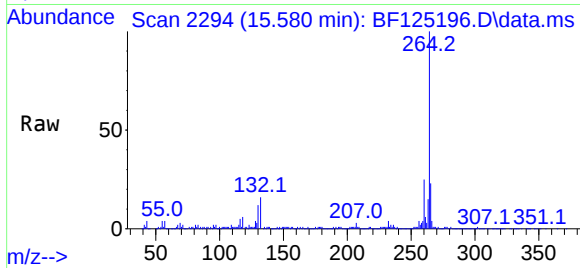
Tgt Ion:228 Resp: 227898
Ion Ratio Lower Upper
228 100
226 30.1 22.6 34.0
229 21.7 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

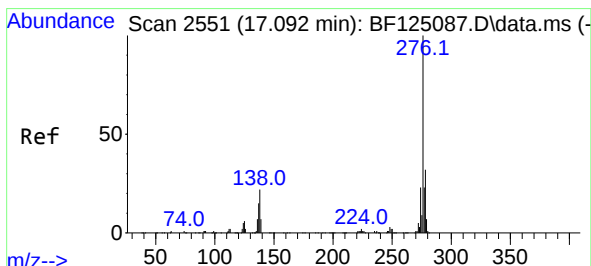
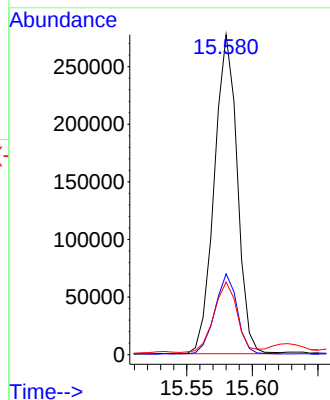
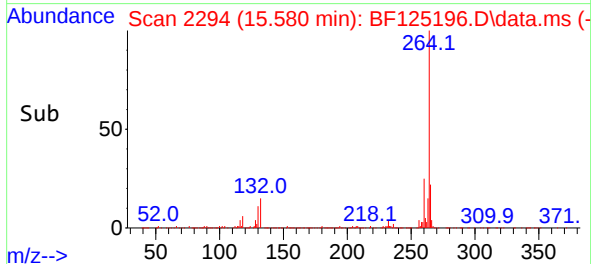
Instrument :
BNA_F
ClientSampled :
130-B



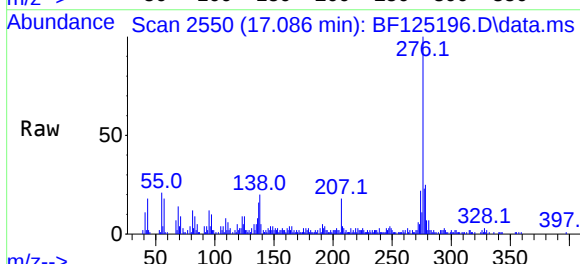
Tgt Ion:264 Resp: 336240
Ion Ratio Lower Upper
264 100
260 25.3 19.6 29.4
265 22.7 17.2 25.8

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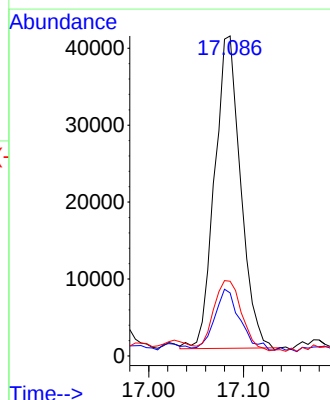
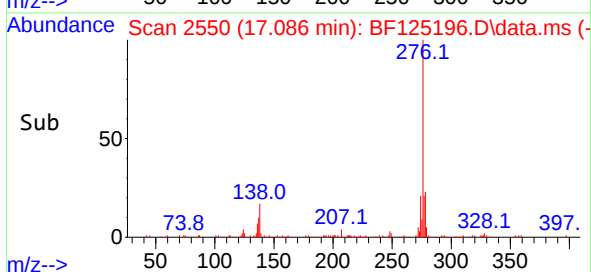
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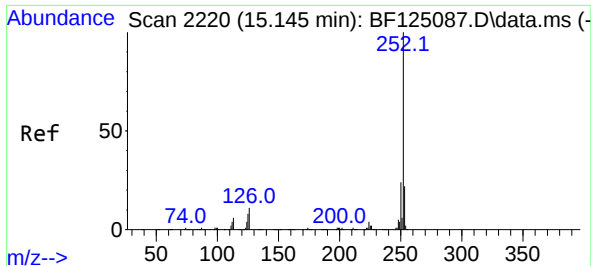


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.197 ng
RT: 17.086 min Scan# 2550
Delta R.T. -0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10



Tgt Ion:276 Resp: 77437
Ion Ratio Lower Upper
276 100
138 19.3 24.1 36.1#
277 23.7 18.8 28.2





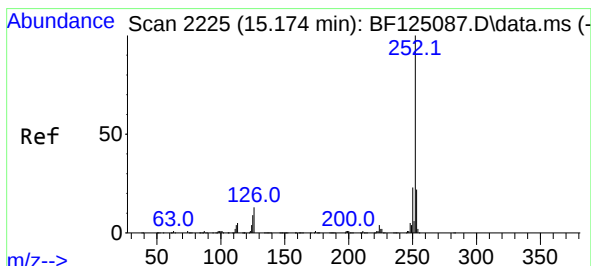
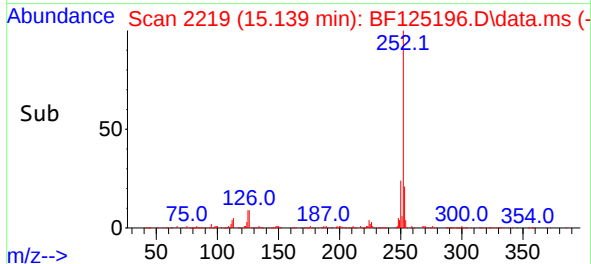
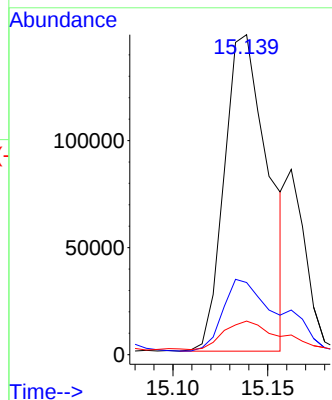
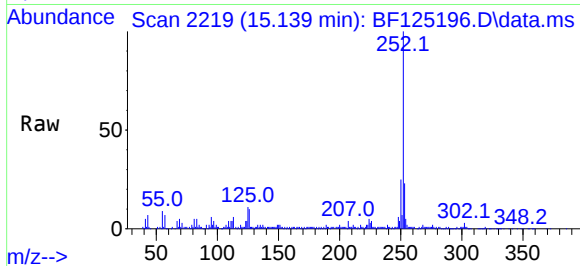
#88
Benzo(b)fluoranthene
Concen: 9.695 ng m
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

Tgt Ion:252 Resp: 238164
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 10.5 9.8 14.8

Instrument :
BNA_F
ClientSampled :
130-B

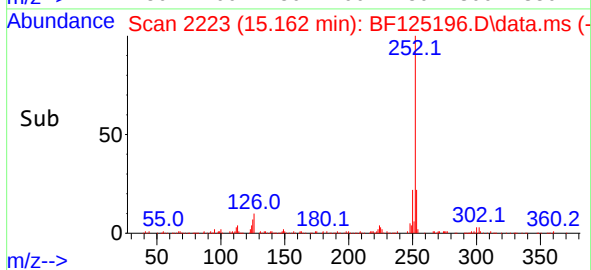
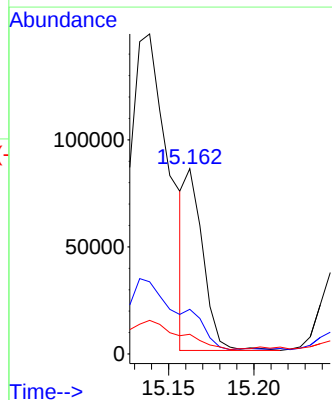
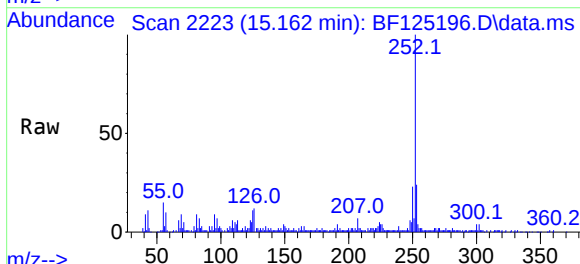
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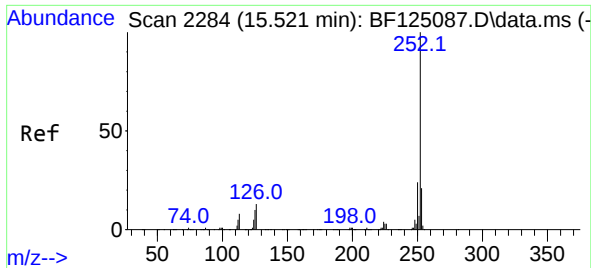
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#89
Benzo(k)fluoranthene
Concen: 2.665 ng m
RT: 15.162 min Scan# 2223
Delta R.T. -0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

Tgt Ion:252 Resp: 61087
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 10.6 7.2 10.8





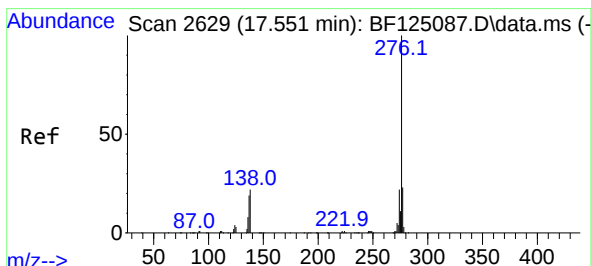
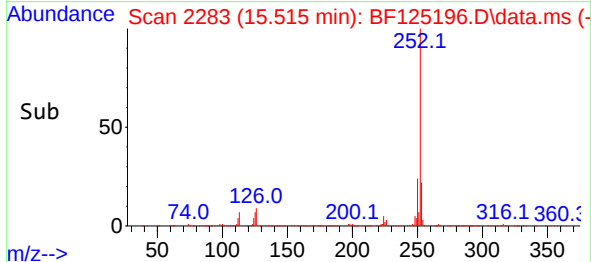
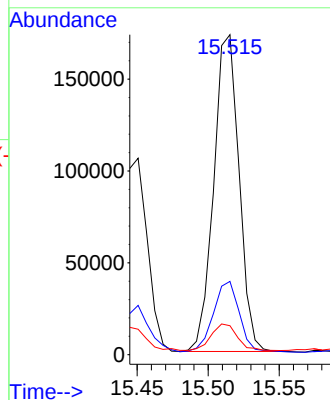
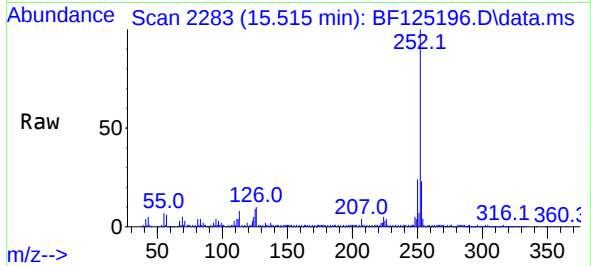
#90
Benzo(a)pyrene
Concen: 9.877 ng m
RT: 15.515 min Scan# 2283
Delta R.T. -0.000 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

Tgt Ion: 252 Resp: 214313
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 9.1 9.9 14.9#

Instrument :
BNA_F
ClientSampled :
130-B

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.918 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.006 min
Lab File: BF125196.D
Acq: 24 Aug 2021 21:10

Tgt Ion: 276 Resp: 79111
Ion Ratio Lower Upper
276 100
277 23.8 22.0 33.0
138 21.0 22.2 33.4#

