

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
 Data File : BF125680.D
 Acq On : 27 Sep 2021 19:38
 Operator : JU/CG
 Sample : M3934-04DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7DL

Manual Integrations
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Quant Time: Sep 28 01:12:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	266120	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1068799	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	512874	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	703698	20.000	ng	0.00
76) Chrysene-d12	14.045	240	478500	20.000	ng	0.00
86) Perylene-d12	15.521	264	467924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	169972	10.523	ng	-0.01
7) Phenol-d6	6.498	99	210476	9.692	ng	-0.01
23) Nitrobenzene-d5	7.439	82	110579	7.216	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	37252	7.790	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	235480	-6.085	ng	-0.01
79) Terphenyl-d14	12.986	244	146396	5.298	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.957	154	62320	2.109	ng	97
58) Fluorene	10.469	166	139603	4.045	ng	100
71) Phenanthrene	11.433	178	1156589	29.310	ng	97
72) Anthracene	11.480	178	242371	6.216	ng	99
75) Fluoranthene	12.621	202	1412485	33.492	ng	96
78) Pyrene	12.851	202	1275085	29.486	ng	96
81) Benzo(a)anthracene	14.033	228	569208	17.512	ng	99
83) Chrysene	14.068	228	506418	15.525	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	209720	6.603	ng	94
88) Benzo(b)fluoranthene	15.086	252	591300m	18.036	ng	
89) Benzo(k)fluoranthene	15.115	252	221051m	7.038	ng	
90) Benzo(a)pyrene	15.457	252	452724	15.514	ng	100
92) Benzo(g,h,i)perylene	17.445	276	204620	7.547	ng	94

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

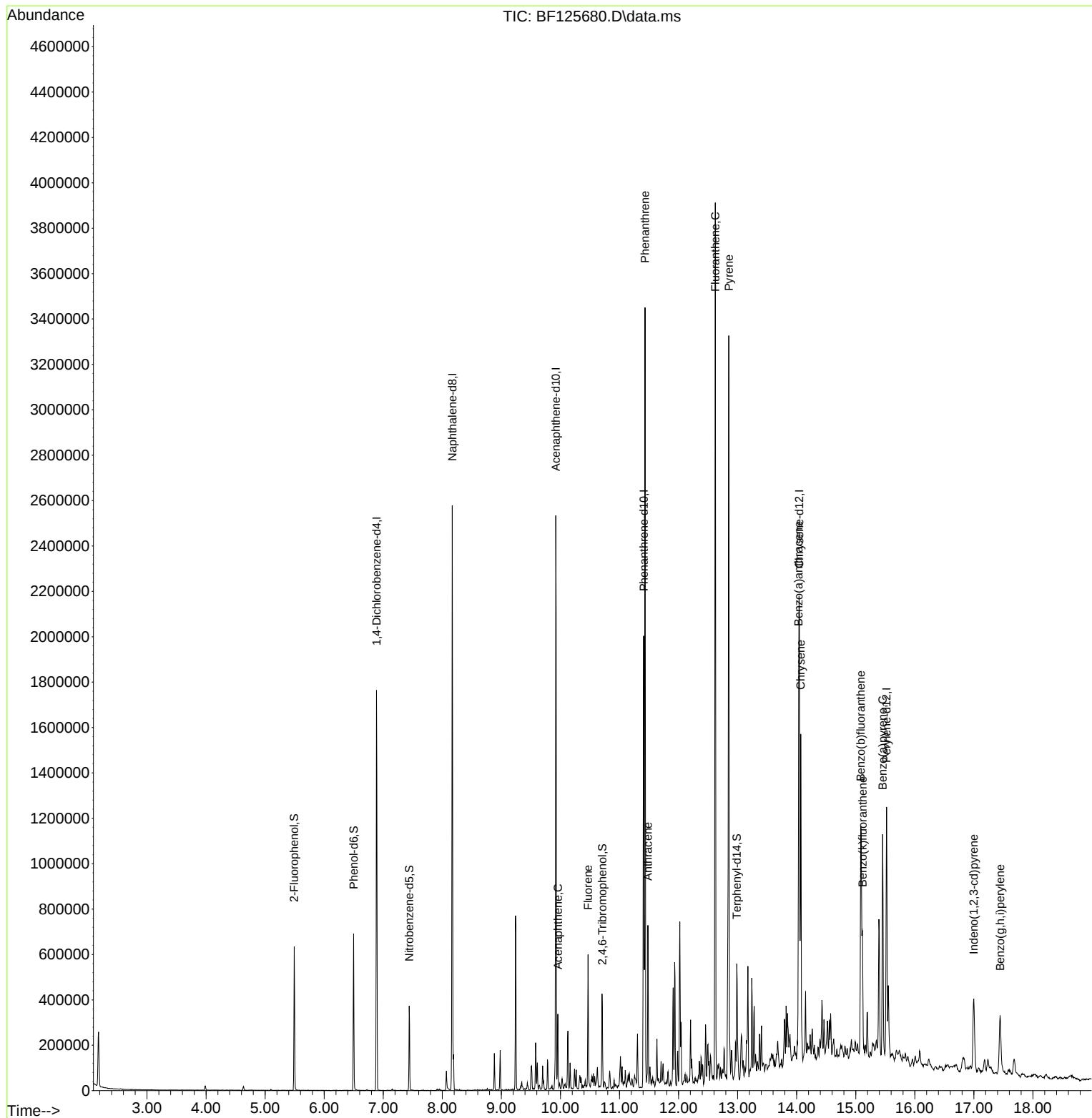
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092721\
Data File : BF125680.D
Acq On : 27 Sep 2021 19:38
Operator : JU/CG
Sample : M3934-04DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

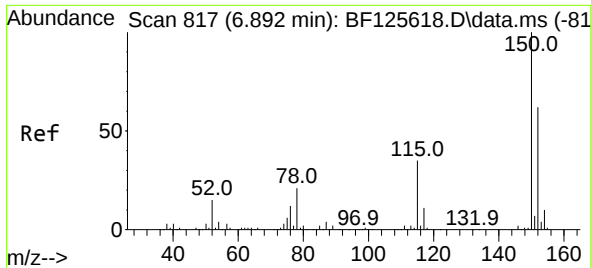
Instrument :
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ClientSampleId :
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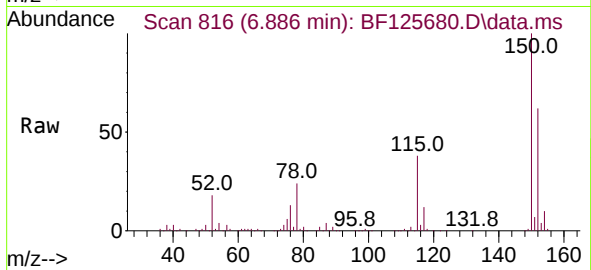
Quant Time: Sep 28 01:12:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38

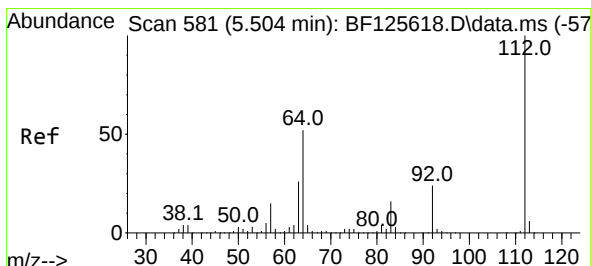
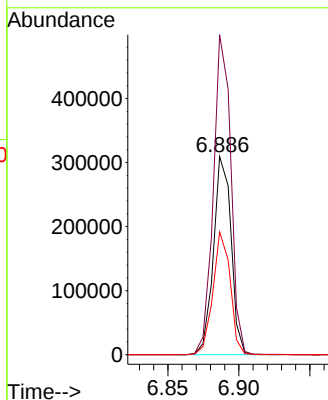
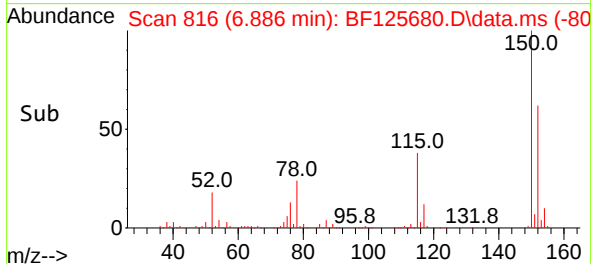
Instrument :
BNA_F
ClientSampled :
TP-7DL



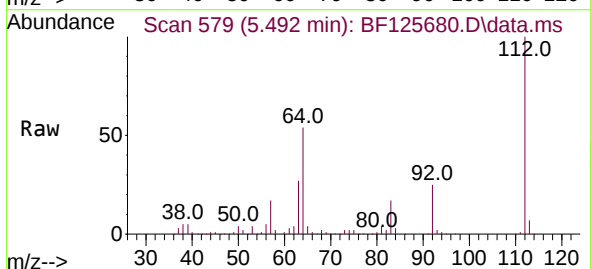
Tgt Ion:152 Resp: 266120
Ion Ratio Lower Upper
152 100
150 161.5 117.6 176.4
115 61.9 47.1 70.7

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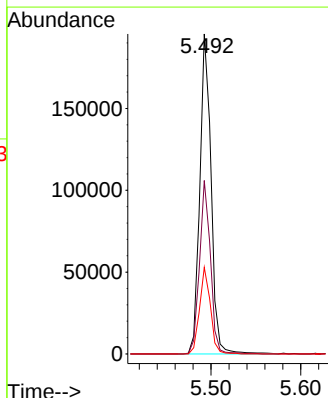
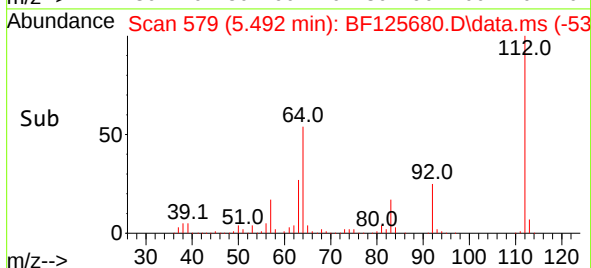
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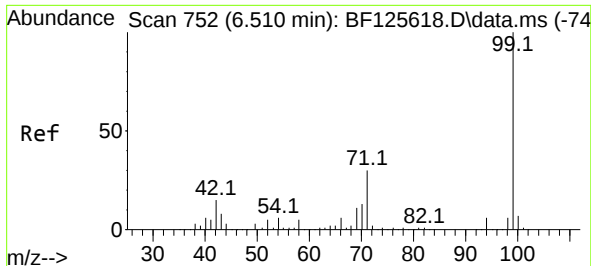


#5
2-Fluorophenol
Concen: 10.523 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.012 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38



Tgt Ion:112 Resp: 169972
Ion Ratio Lower Upper
112 100
64 54.2 44.2 66.2
63 27.1 26.2 39.2





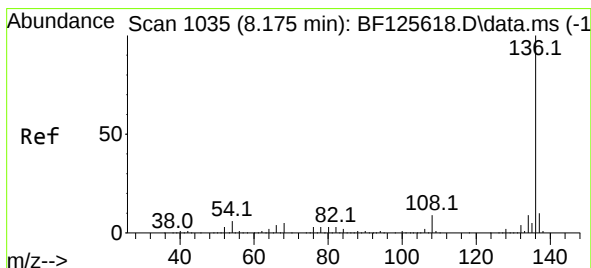
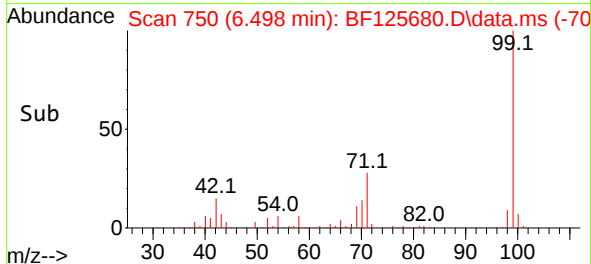
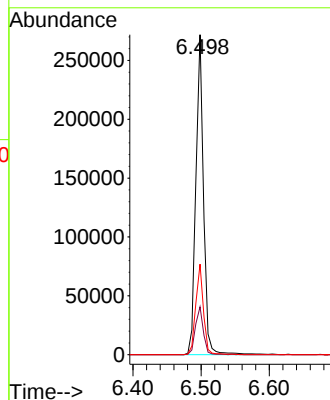
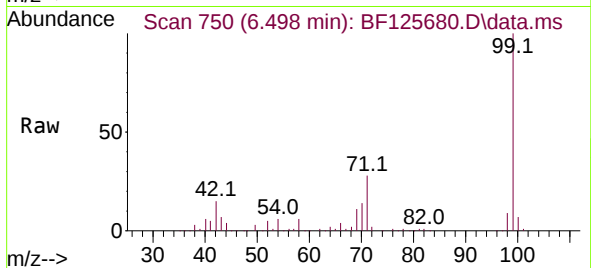
#7
Phenol-d6
Concen: 9.692 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38

Tgt Ion: 99 Resp: 210476
Ion Ratio Lower Upper
99 100
42 15.0 23.5 35.3#
71 28.3 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
TP-7DL

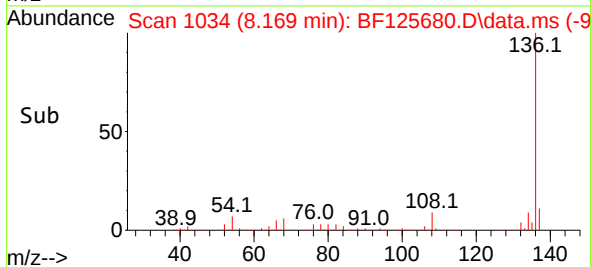
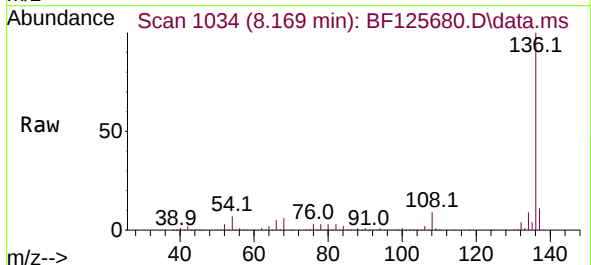
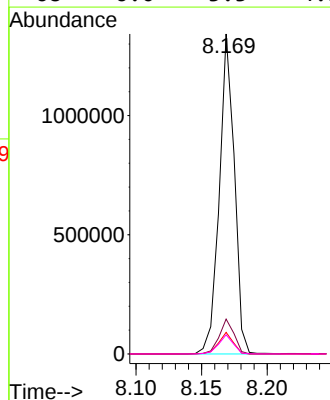
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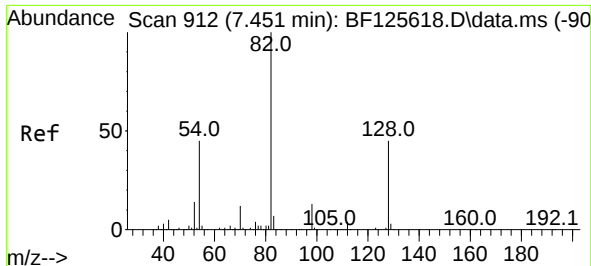
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38

Tgt Ion: 136 Resp: 1068799
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 6.7 6.4 9.6
68 6.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 7.216 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF125680.D

Acq: 27 Sep 2021 19:38

Tgt Ion: 82 Resp: 110579

Ion Ratio Lower Upper

82 100

128 45.3 40.6 60.8

54 47.3 49.6 74.4#

Instrument :

BNA_F

ClientSampled :

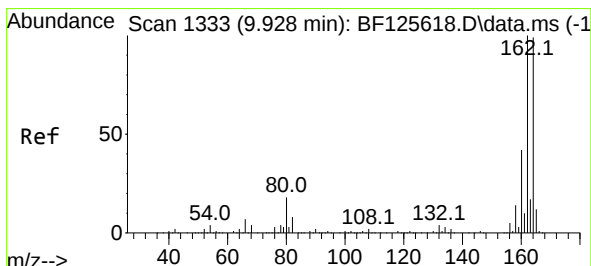
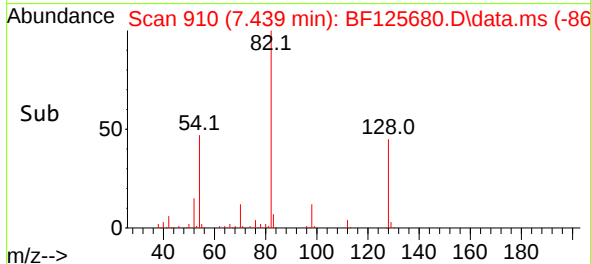
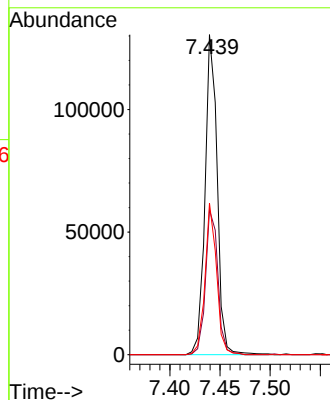
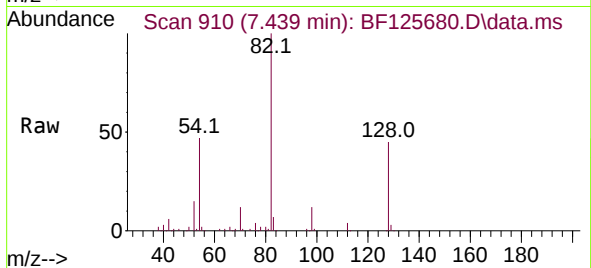
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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF125680.D

Acq: 27 Sep 2021 19:38

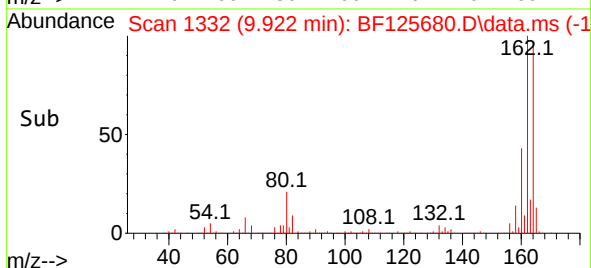
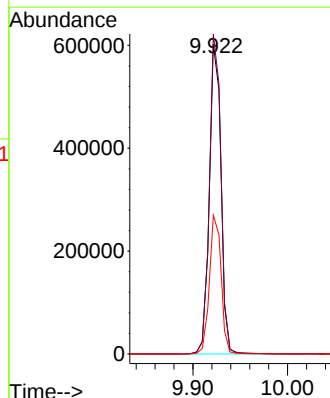
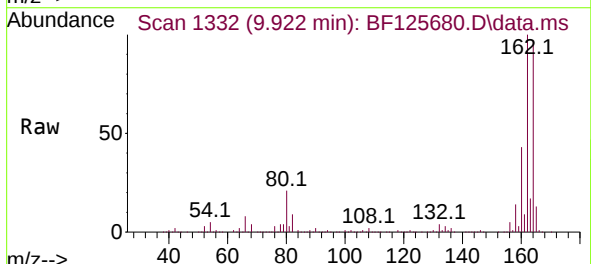
Tgt Ion:164 Resp: 512874

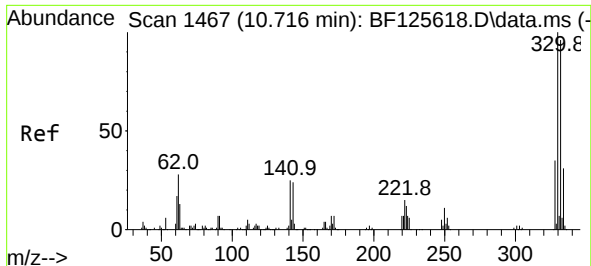
Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

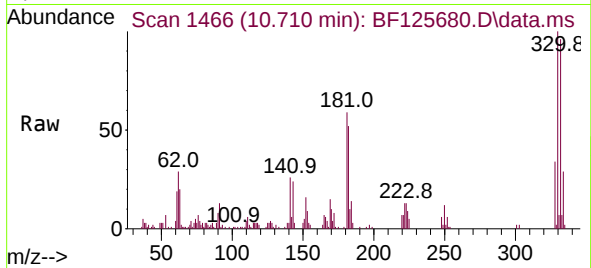
160 44.8 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 7.790 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38

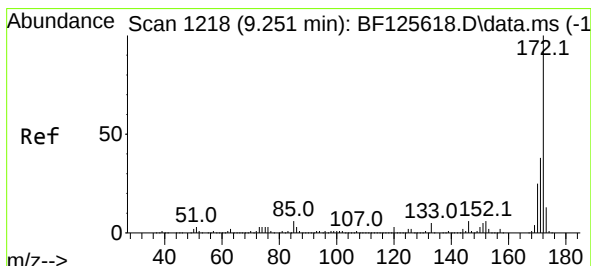
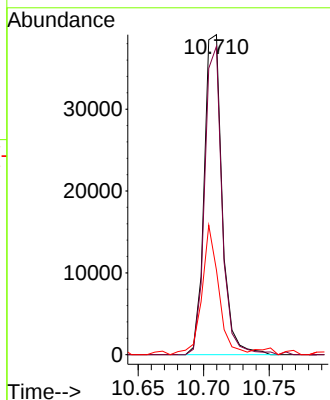
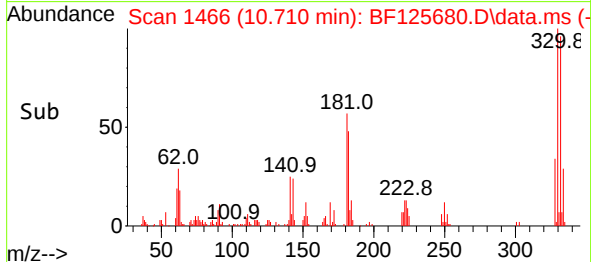
Instrument :
BNA_F
ClientSampled :
TP-7DL



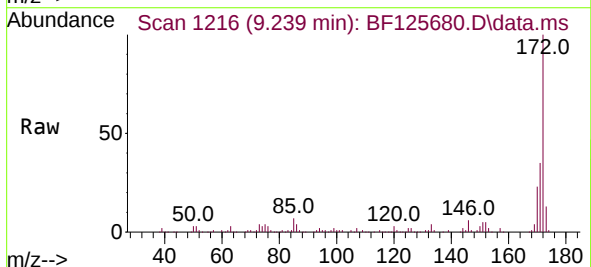
Tgt Ion: 330 Resp: 37252
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 37.7 44.6 66.8#

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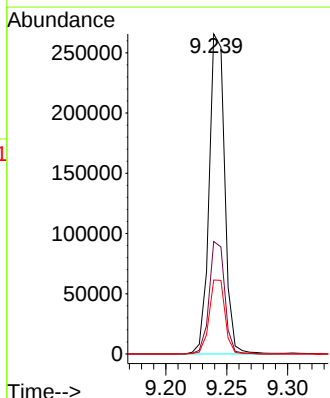
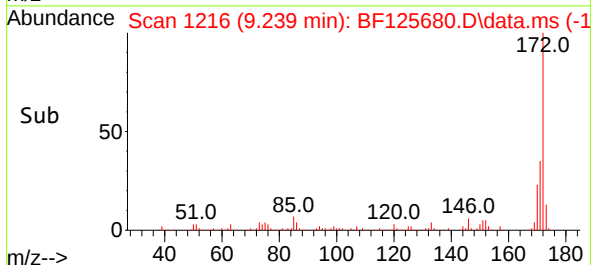
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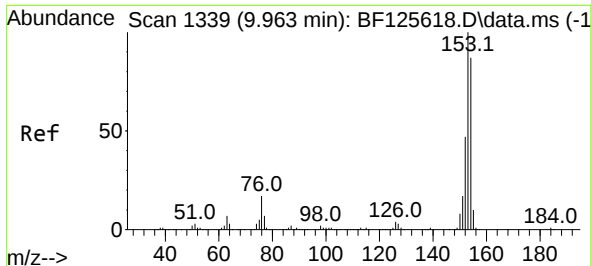


#45
2-Fluorobiphenyl
Concen: -6.085 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38



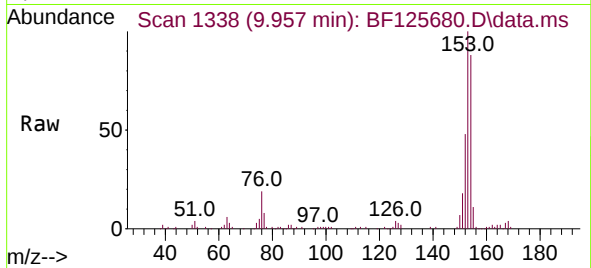
Tgt Ion: 172 Resp: 235480
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.1 18.8 28.2





#52
Acenaphthene
Concen: 2.109 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38

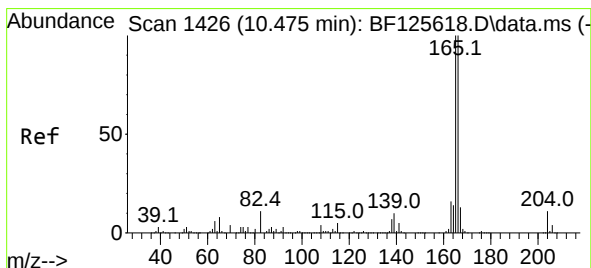
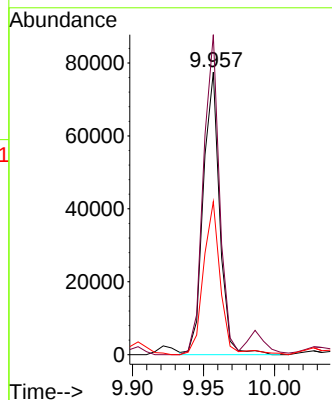
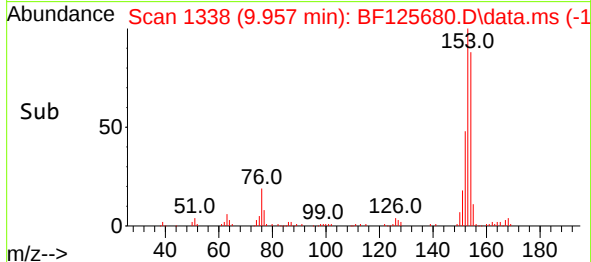
Instrument :
BNA_F
ClientSampled :
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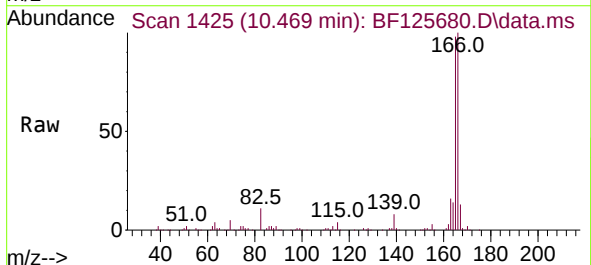
Tgt Ion:154 Resp: 62320
Ion Ratio Lower Upper
154 100
153 113.3 89.4 134.2
152 54.1 40.5 60.7

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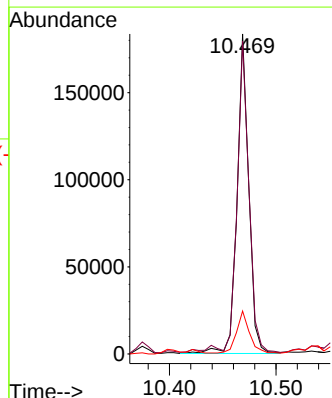
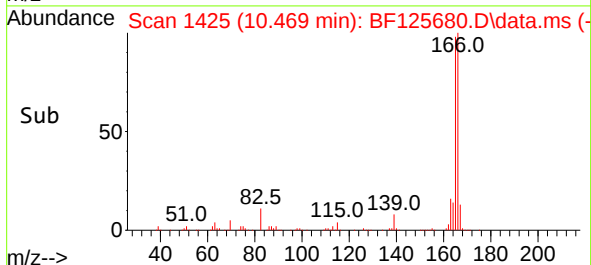
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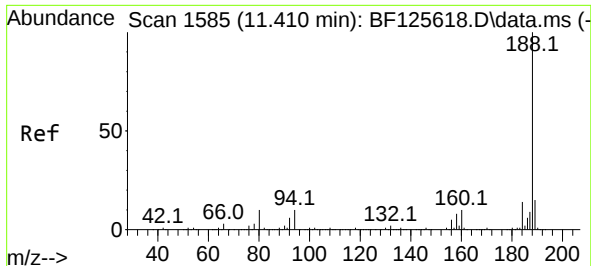


#58
Fluorene
Concen: 4.045 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38



Tgt Ion:166 Resp: 139603
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.4 11.1 16.7





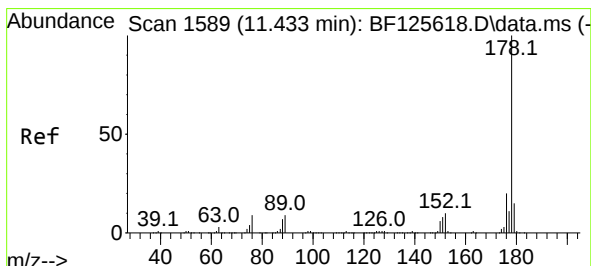
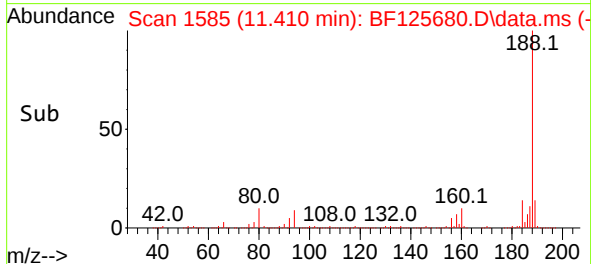
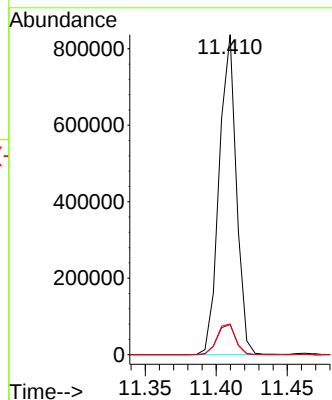
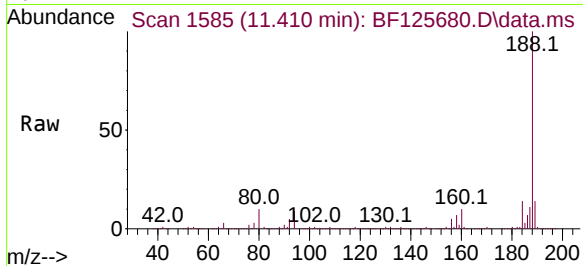
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38

Instrument :
BNA_F
ClientSampled :
TP-7DL

Tgt Ion:188 Resp: 703698
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 9.6 7.5 11.3

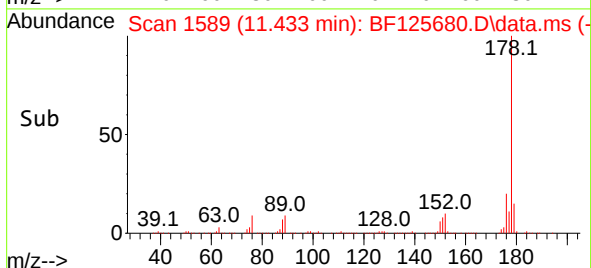
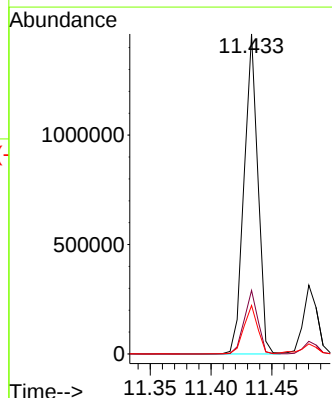
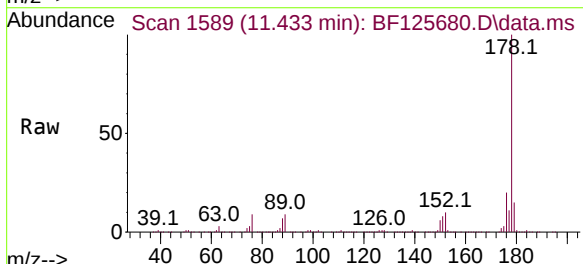
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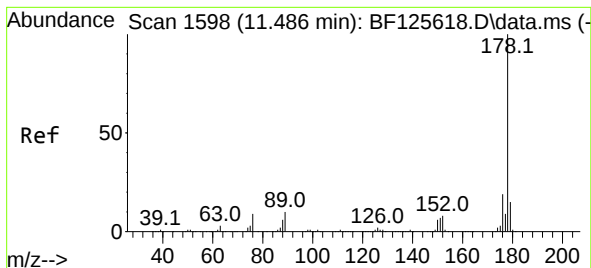
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#71
Phenanthrene
Concen: 29.310 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38

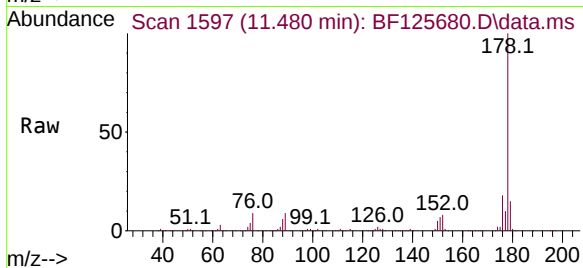
Tgt Ion:178 Resp: 1156589
Ion Ratio Lower Upper
178 100
176 19.8 14.7 22.1
179 15.2 11.5 17.3





#72
 Anthracene
 Concen: 6.216 ng
 RT: 11.480 min Scan# 1597
 Delta R.T. -0.006 min
 Lab File: BF125680.D
 Acq: 27 Sep 2021 19:38

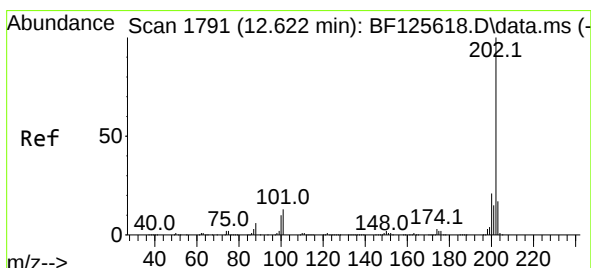
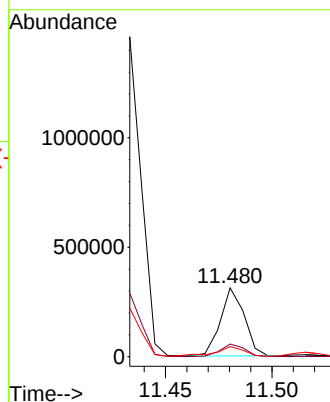
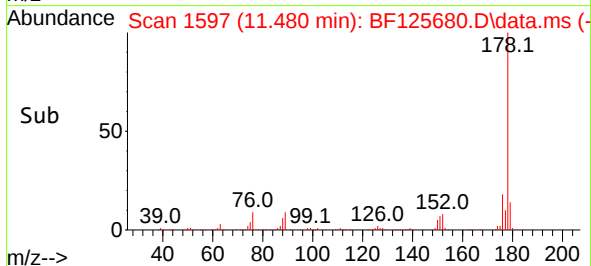
Instrument :
 BNA_F
 ClientSampled :
 TP-7DL



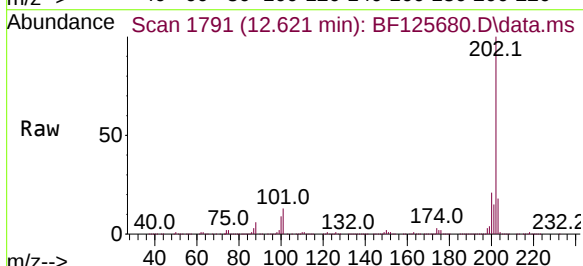
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 Ion Ratio Lower Upper
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 176 18.5 14.3 21.5
 179 14.6 12.2 18.4

Manual Integrations
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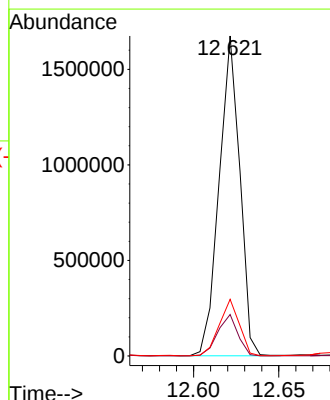
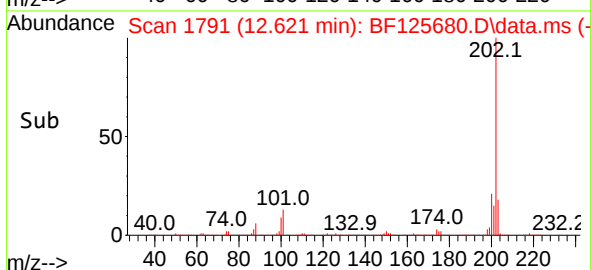
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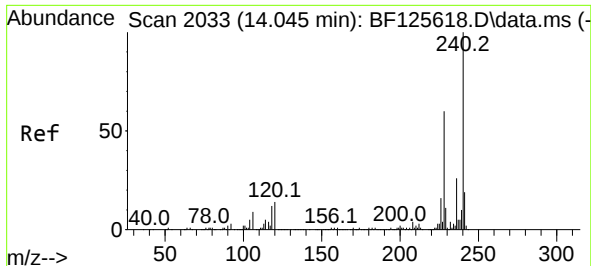


#75
 Fluoranthene
 Concen: 33.492 ng
 RT: 12.621 min Scan# 1791
 Delta R.T. -0.001 min
 Lab File: BF125680.D
 Acq: 27 Sep 2021 19:38



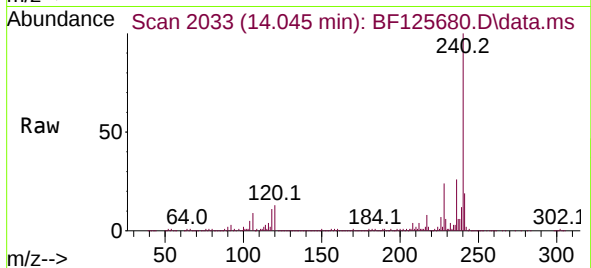
Tgt Ion:202 Resp: 1412485
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 30.7
 203 17.7 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38

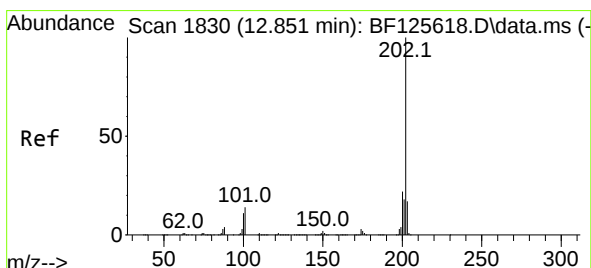
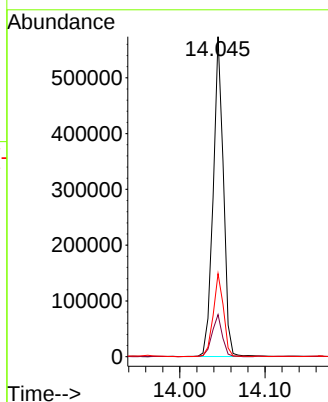
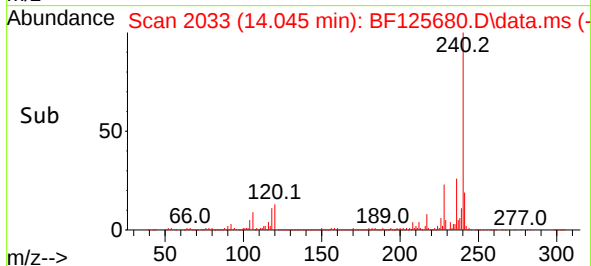
Instrument :
BNA_F
ClientSampled :
TP-7DL



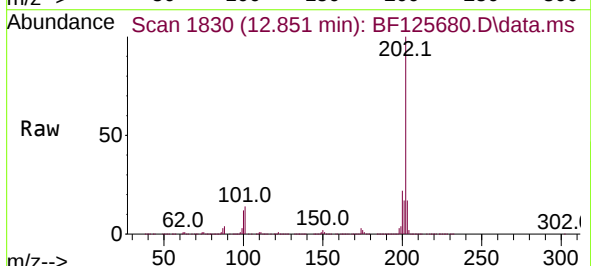
Tgt Ion:240 Resp: 478500
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 26.0 21.6 32.4

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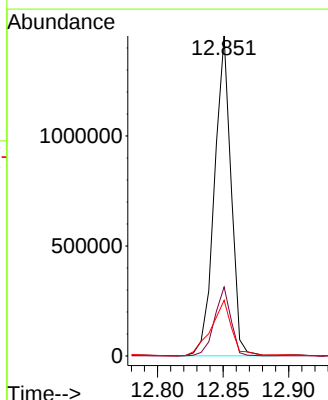
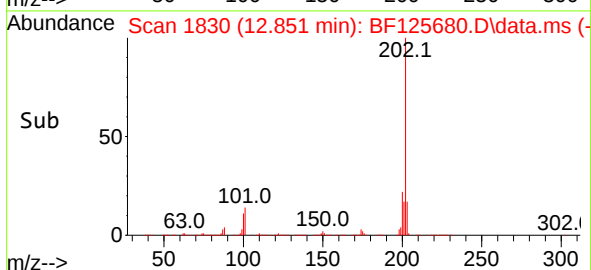
mohammad
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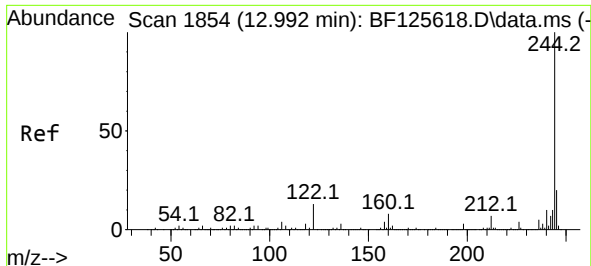


#78
Pyrene
Concen: 29.486 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38



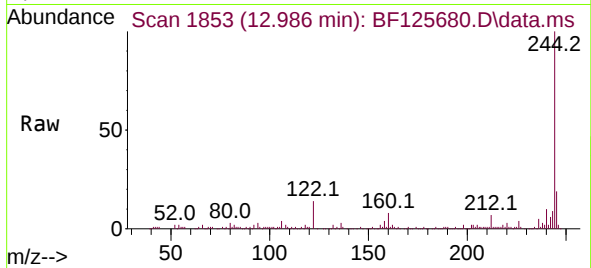
Tgt Ion:202 Resp: 1275085
Ion Ratio Lower Upper
202 100
200 21.5 15.3 22.9
203 17.4 13.4 20.0





#79
Terphenyl-d14
Concen: 5.298 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38

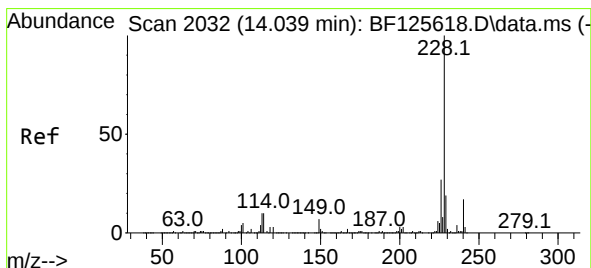
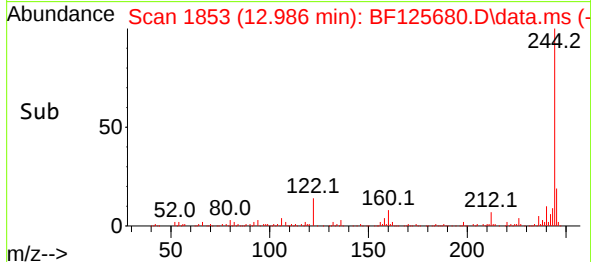
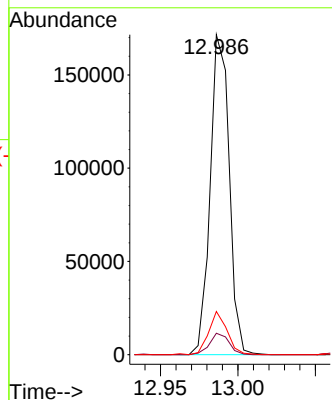
Instrument :
BNA_F
ClientSampled :
TP-7DL



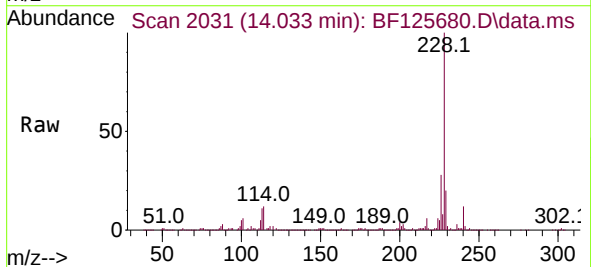
Tgt Ion:244 Resp: 146396
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 13.5 9.0 13.4#

Manual Integrations
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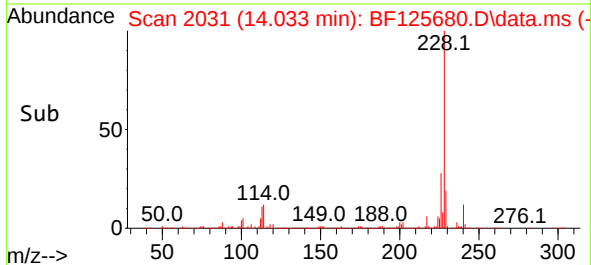
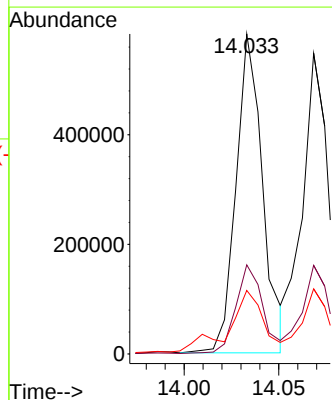
mohammad
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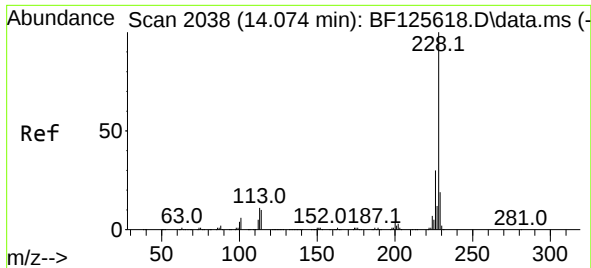


#81
Benzo(a)anthracene
Concen: 17.512 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38



Tgt Ion:228 Resp: 569208
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 19.8 15.6 23.4





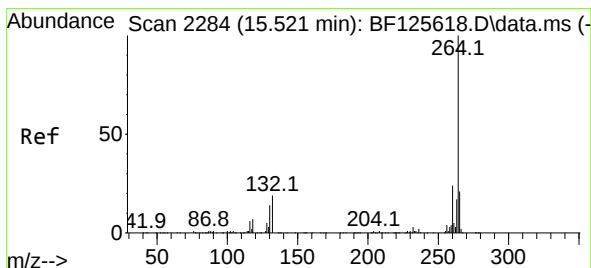
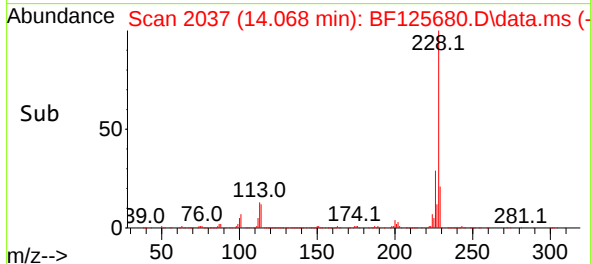
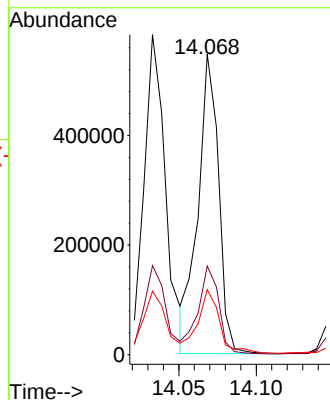
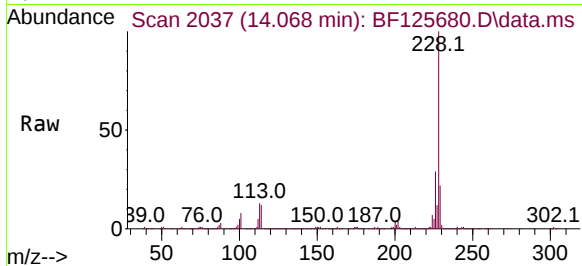
#83
Chrysene
Concen: 15.525 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38

Instrument :
BNA_F
ClientSampled :
TP-7DL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	34.0
229	21.7	15.9	23.9

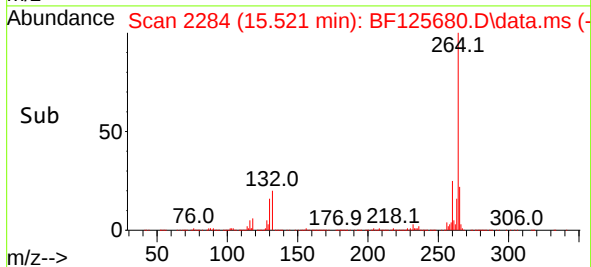
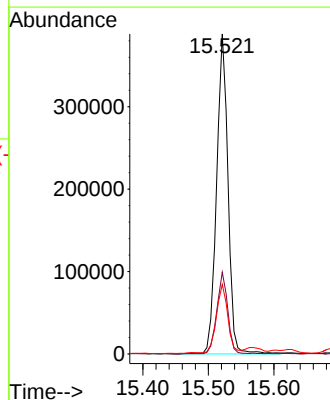
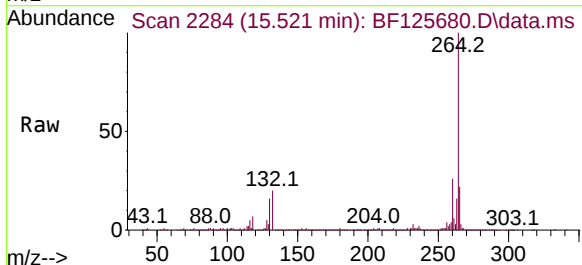
Manual Integrations
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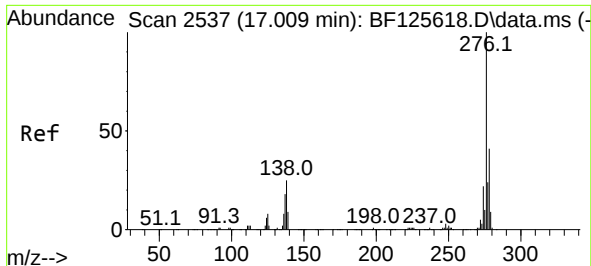
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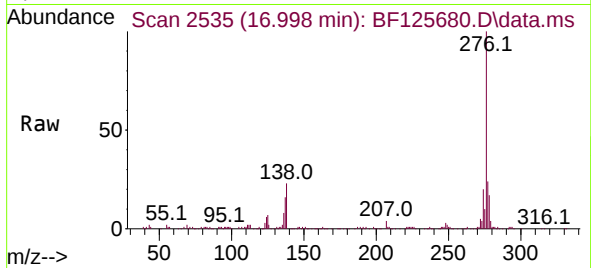
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.6	29.4
265	21.8	17.2	25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.603 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.011 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38

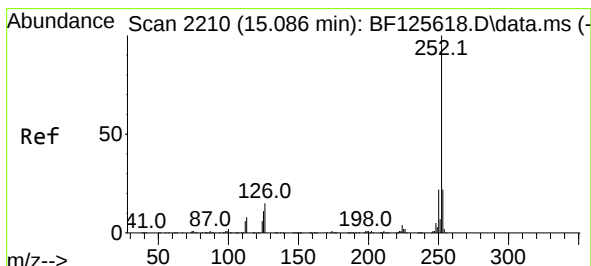
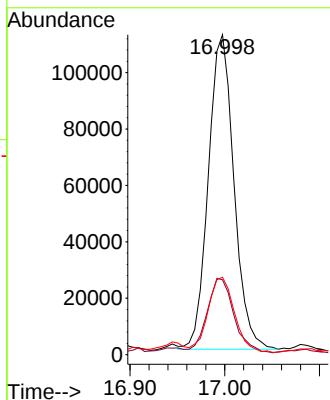
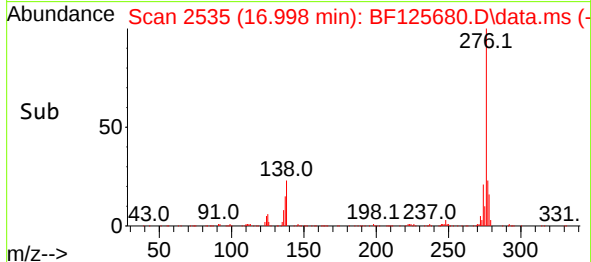


Tgt Ion: 276 Resp: 209720
Ion Ratio Lower Upper
276 100
138 24.8 24.1 36.1
277 24.5 18.8 28.2

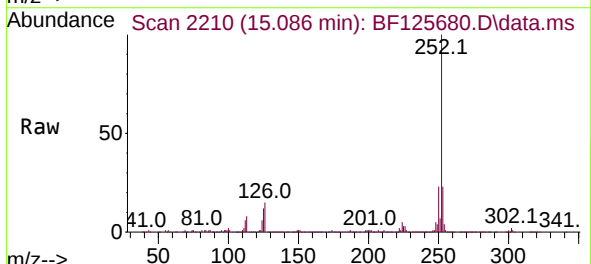
Instrument :
BNA_F
ClientSampleId :
TP-7DL

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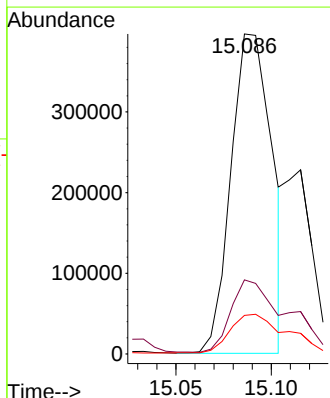
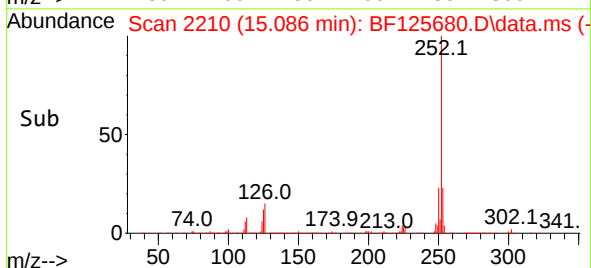
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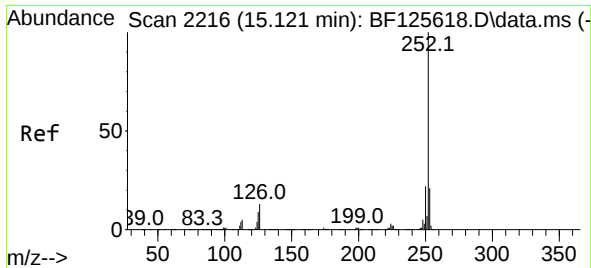


#88
Benzo(b)fluoranthene
Concen: 18.036 ng m
RT: 15.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BF125680.D
Acq: 27 Sep 2021 19:38



Tgt Ion: 252 Resp: 591300
Ion Ratio Lower Upper
252 100
253 23.2 16.8 25.2
125 12.1 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 7.038 ng m

RT: 15.115 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF125680.D

Acq: 27 Sep 2021 19:38

Tgt Ion:252 Resp: 221051

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 11.2 7.2 10.8#

Instrument :

BNA_F

ClientSampleId :

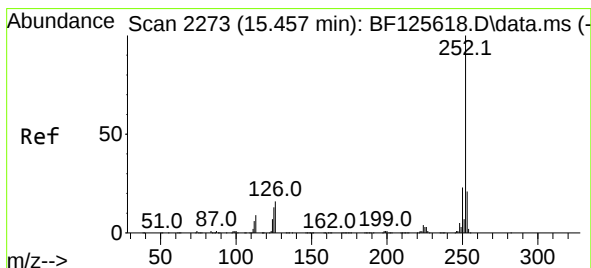
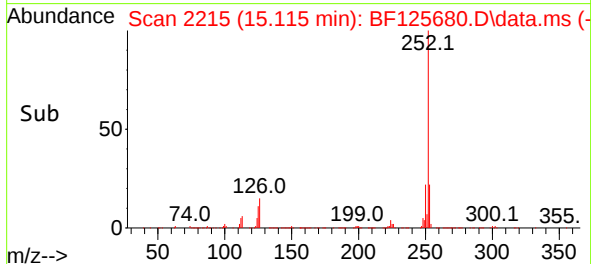
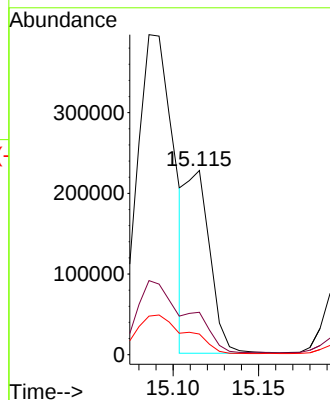
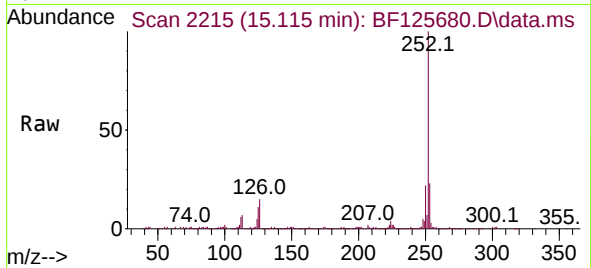
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#90

Benzo(a)pyrene

Concen: 15.514 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.001 min

Lab File: BF125680.D

Acq: 27 Sep 2021 19:38

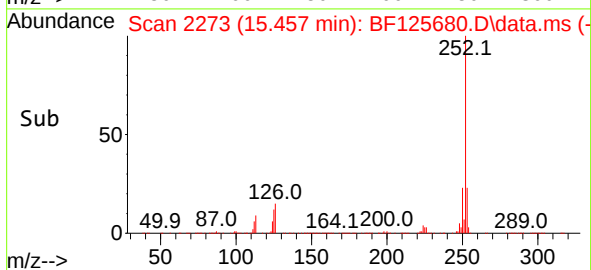
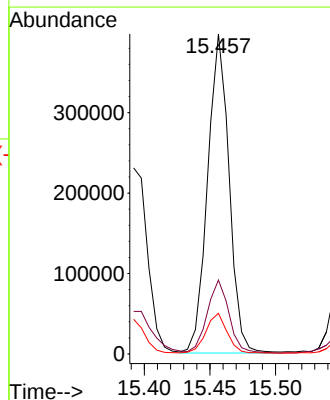
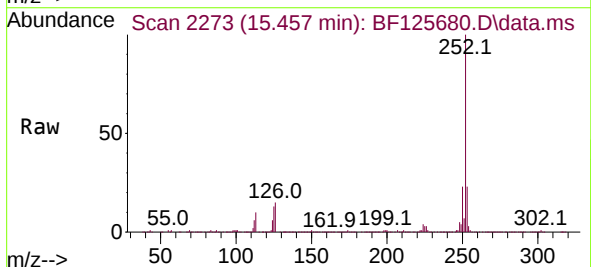
Tgt Ion:252 Resp: 452724

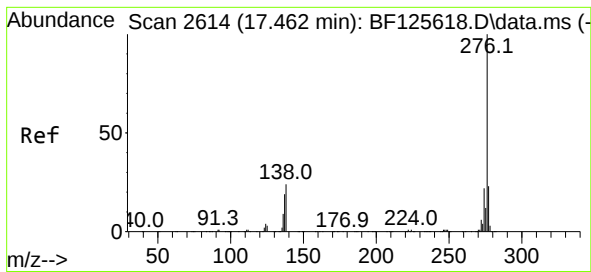
Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

125 12.7 9.9 14.9





#92

Benzo(g,h,i)perylene

Concen: 7.547 ng

RT: 17.445 min Scan# 2611

Delta R.T. -0.017 min

Lab File: BF125680.D

Acq: 27 Sep 2021 19:38

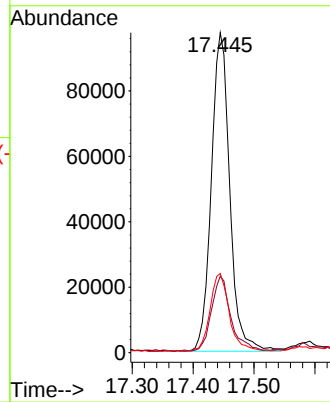
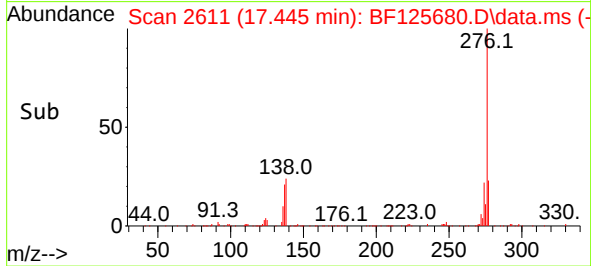
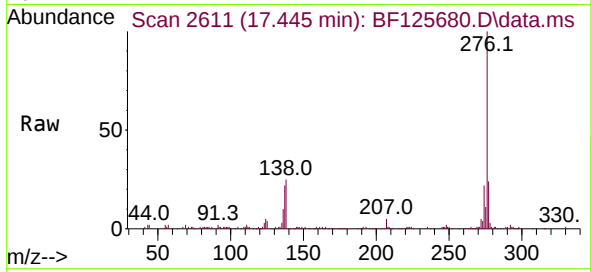
Tgt Ion: 276 Resp: 204620

Ion Ratio Lower Upper

276 100

277 23.9 22.0 33.0

138 24.8 22.2 33.4



Instrument :

BNA_F

ClientSampleId :

TP-7DL

Manual Integrations

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