

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125461.D
 Acq On : 14 Sep 2021 00:34
 Operator : JU/CG
 Sample : M3685-01DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 327DL

Quant Time: Sep 14 03:32:27 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)

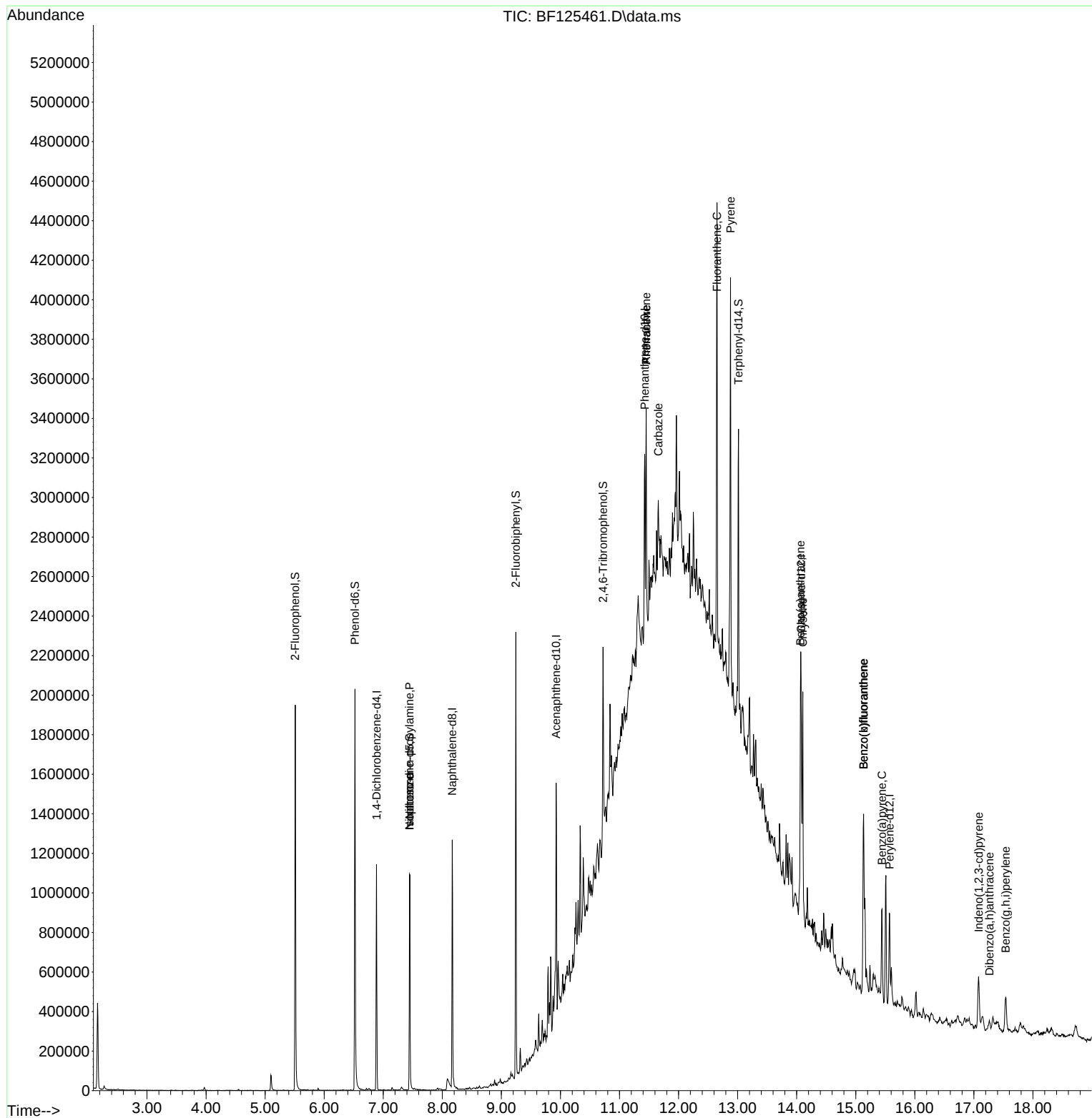
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	150027	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	539284	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	238574	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	349535	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	265090	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	212653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	490822	49.518	ng	0.00
7) Phenol-d6	6.522	99	616117	48.062	ng	-0.01
23) Nitrobenzene-d5	7.445	82	369534	34.497	ng	-0.01
42) 2,4,6-Tribromophenol	10.721	330	132330	55.566	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	637190	37.224	ng	0.00
79) Terphenyl-d14	13.015	244	566062	34.018	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	47317	6.137	ng	# 59
25) Isophorone	7.445	82	369529	17.882	ng	# 59
71) Phenanthrene	11.451	178	406742	21.119	ng	# 94
72) Anthracene	11.451	178	406742	21.426	ng	95
73) Carbazole	11.657	167	60716	3.500	ng	# 82
75) Fluoranthene	12.651	202	1040129	54.428	ng	95
78) Pyrene	12.880	202	968064	42.572	ng	96
81) Benzo(a)anthracene	14.062	228	509327	26.666	ng	97
83) Chrysene	14.104	228	509725	26.985	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	180766	11.799	ng	# 89
88) Benzo(b)fluoranthene	15.133	252	724403	46.627	ng	# 94
89) Benzo(k)fluoranthene	15.133	252	724403	49.968	ng	99
90) Benzo(a)pyrene	15.445	252	243675	17.756	ng	98
91) Dibenzo(a,h)anthracene	17.262	278	34985	2.642	ng	96
92) Benzo(g,h,i)perylene	17.539	276	163474	12.803	ng	# 91

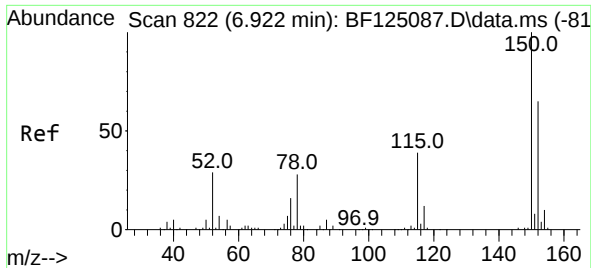
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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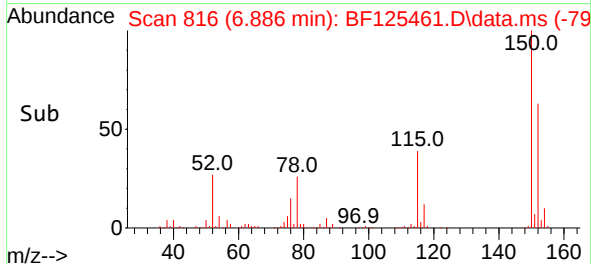
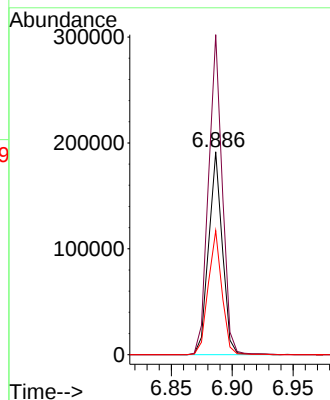
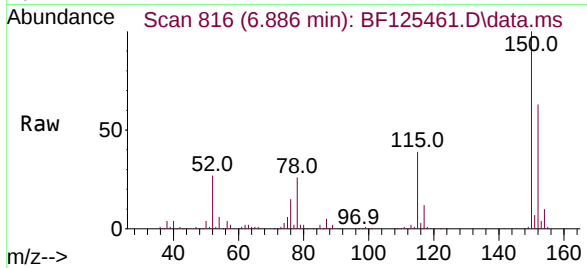




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: BF125461.D
 Acq: 14 Sep 2021 00:34

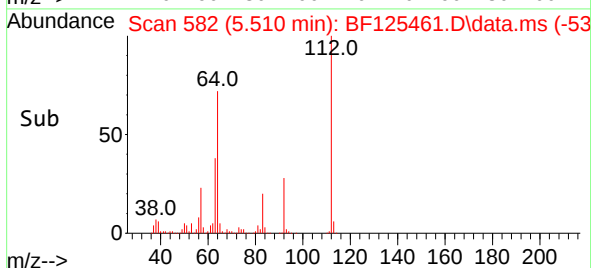
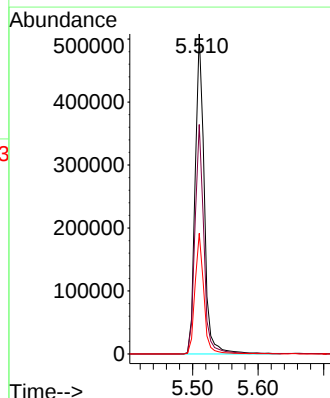
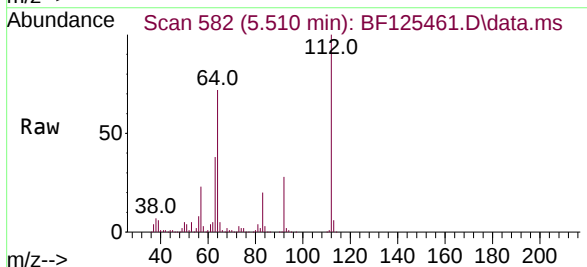
Instrument :
 BNA_F
 ClientSampleID :
 327DL

Tgt Ion:152 Resp: 150027
 Ion Ratio Lower Upper
 152 100
 150 157.7 117.6 176.4
 115 61.2 47.1 70.7



#5
 2-Fluorophenol
 Concen: 49.518 ng
 RT: 5.510 min Scan# 582
 Delta R.T. -0.006 min
 Lab File: BF125461.D
 Acq: 14 Sep 2021 00:34

Tgt Ion:112 Resp: 490822
 Ion Ratio Lower Upper
 112 100
 64 71.7 44.2 66.2#
 63 37.7 26.2 39.2

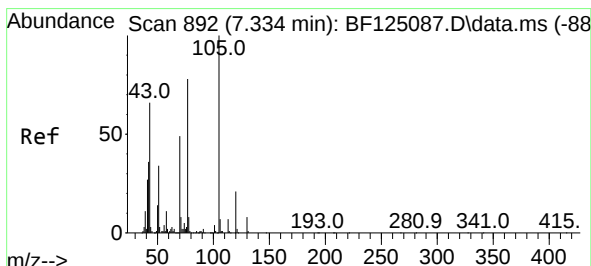
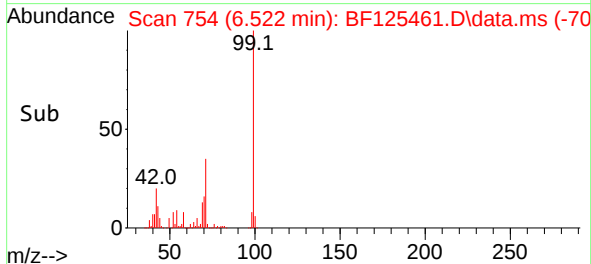
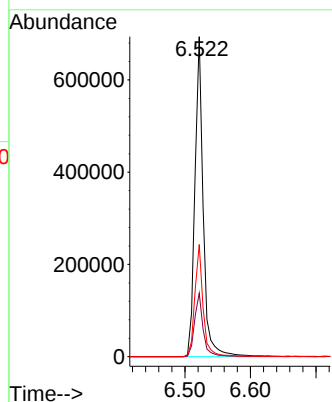
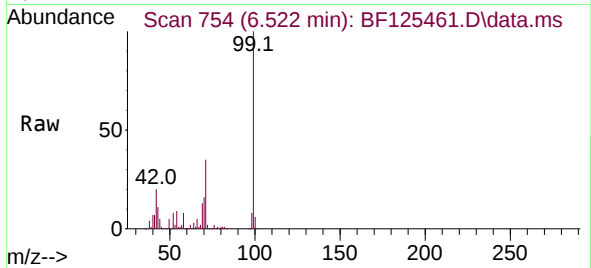




#7
Phenol-d6
Concen: 48.062 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

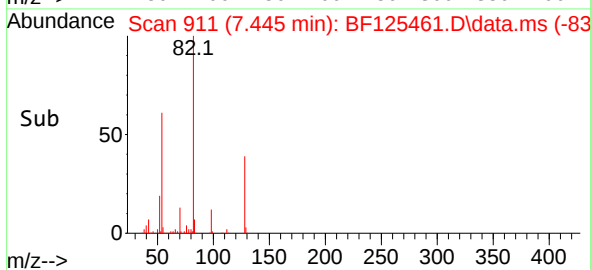
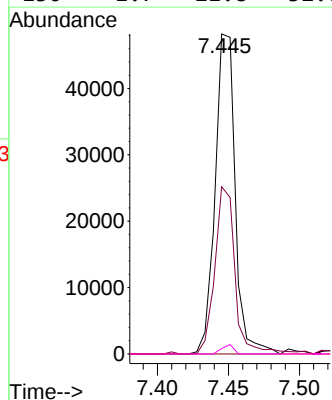
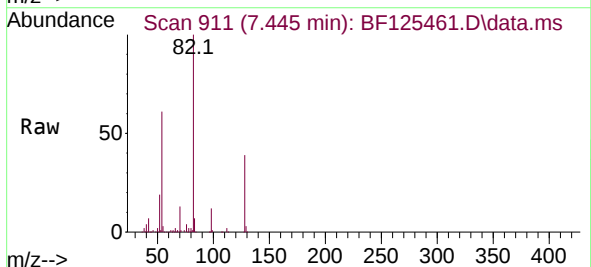
Instrument :
BNA_F
ClientSampleId :
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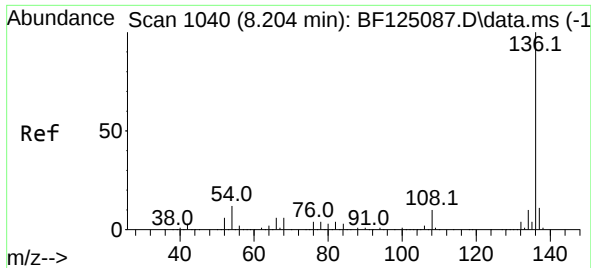
Tgt Ion: 99 Resp: 616117
Ion Ratio Lower Upper
99 100
42 19.9 23.5 35.3#
71 35.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 6.137 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion: 70 Resp: 47317
Ion Ratio Lower Upper
70 100
42 52.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

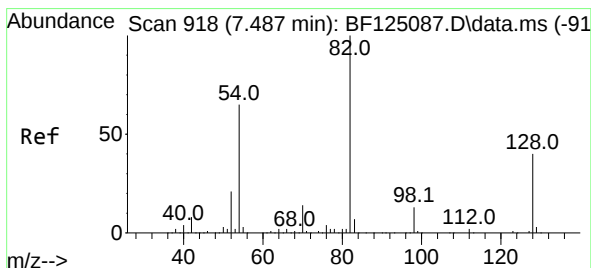
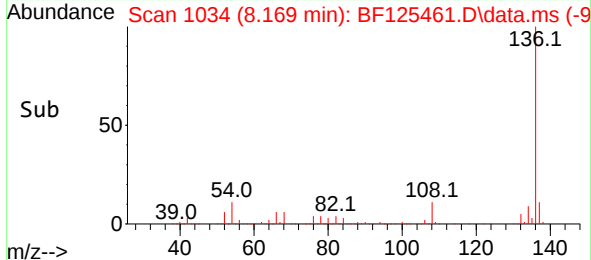
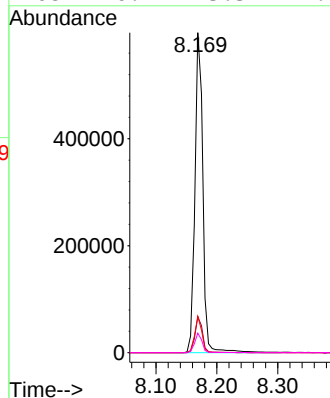
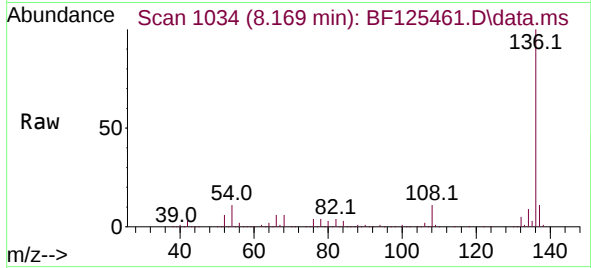




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

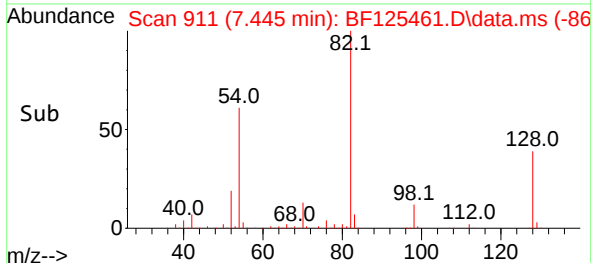
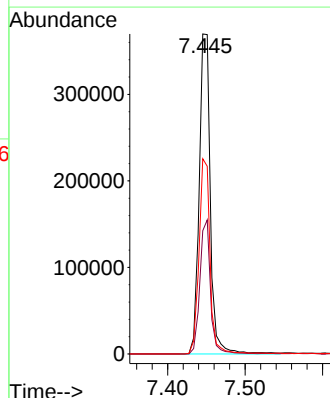
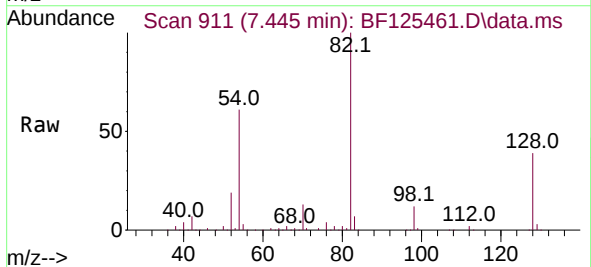
Instrument :
BNA_F
ClientSampleId :
327DL

Tgt Ion:136	Resp: 539284
Ion Ratio	Lower Upper
136	100
137	11.2 9.8 14.6
54	11.3 6.4 9.6#
68	6.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 34.497 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion: 82	Resp: 369534
Ion Ratio	Lower Upper
82	100
128	38.5 40.6 60.8#
54	61.0 49.6 74.4

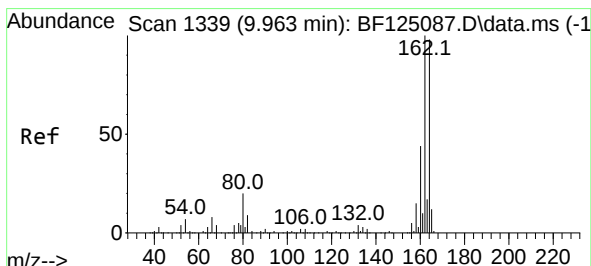
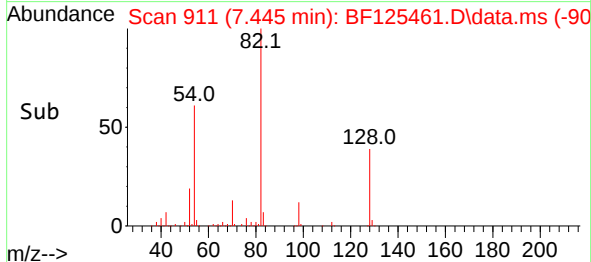
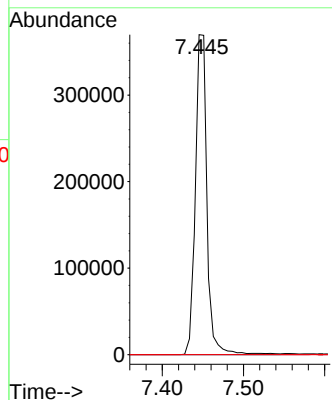
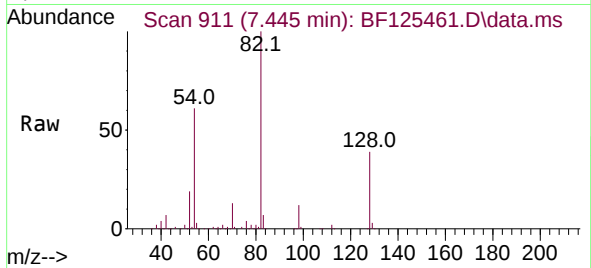




#25
Isophorone
Concen: 17.882 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

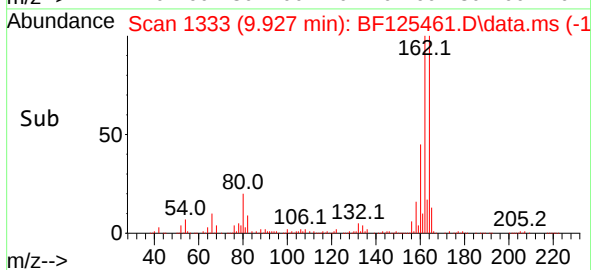
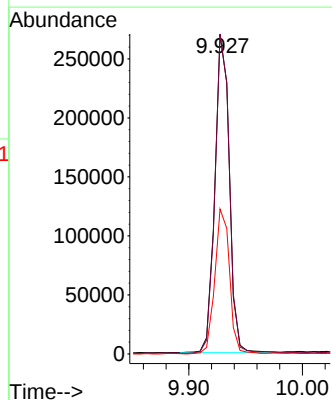
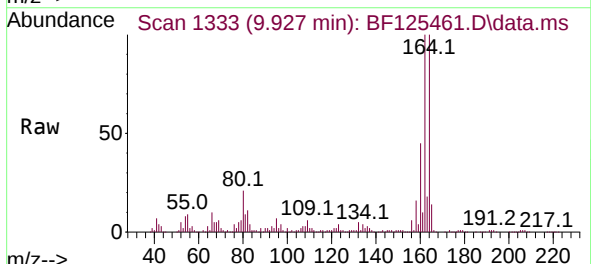
Instrument :
BNA_F
ClientSampleId :
327DL

Tgt Ion: 82 Resp: 369529
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion: 164 Resp: 238574
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 45.4 38.0 57.0

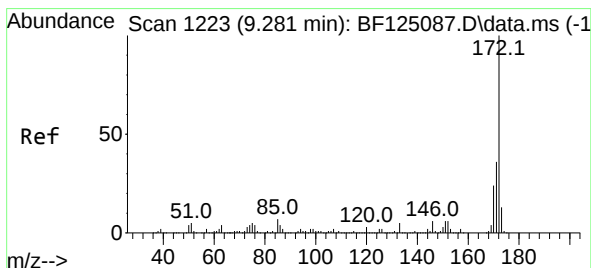
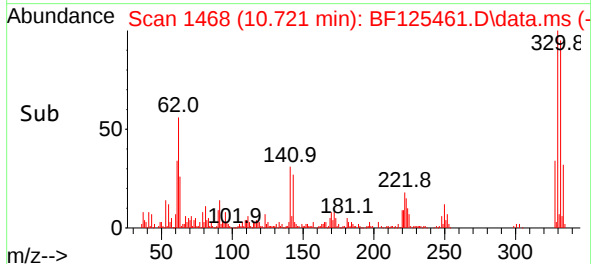
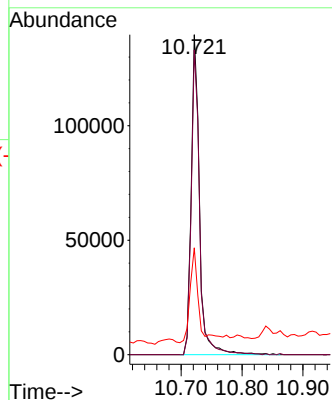
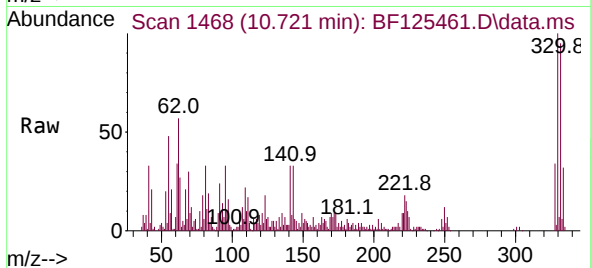




#42
 2,4,6-Tribromophenol
 Concen: 55.566 ng
 RT: 10.721 min Scan# 1468
 Delta R.T. -0.006 min
 Lab File: BF125461.D
 Acq: 14 Sep 2021 00:34

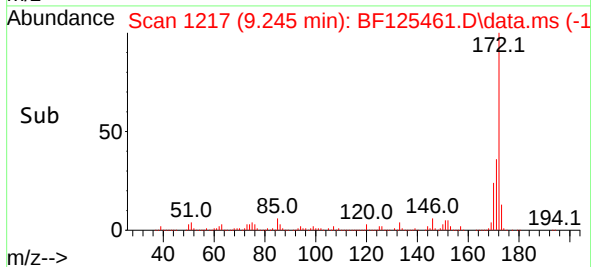
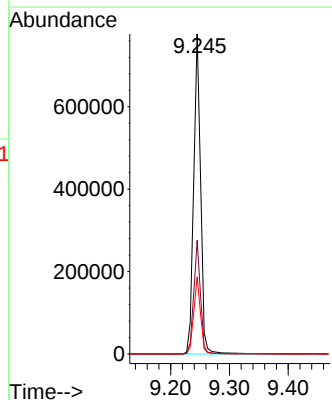
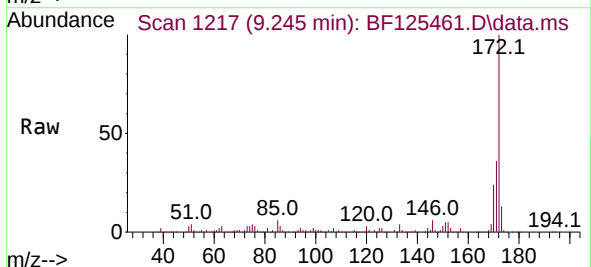
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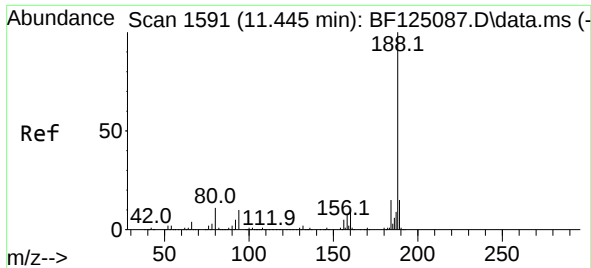
Tgt Ion: 330 Resp: 132330
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.4
 141 31.4 44.6 66.8#



#45
 2-Fluorobiphenyl
 Concen: 37.224 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. -0.006 min
 Lab File: BF125461.D
 Acq: 14 Sep 2021 00:34

Tgt Ion: 172 Resp: 637190
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.5 39.7
 170 24.1 18.8 28.2

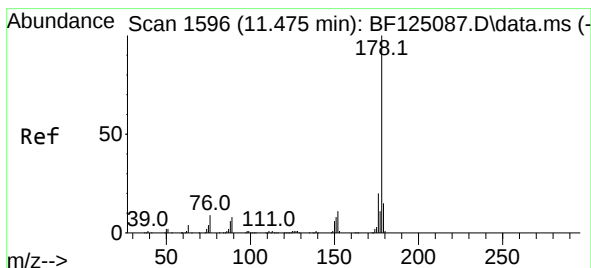
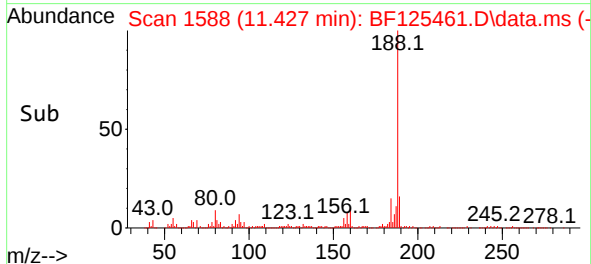
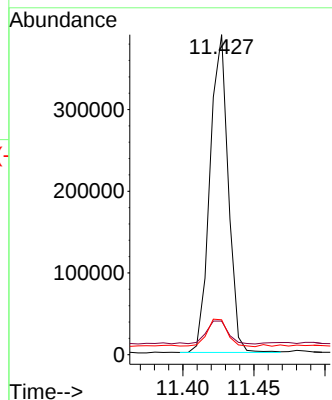
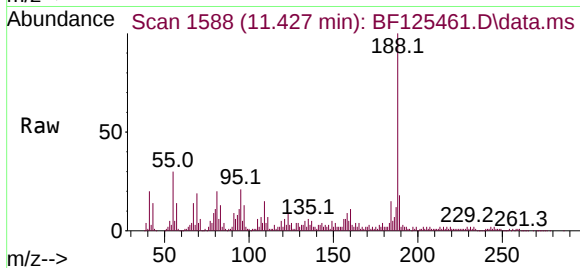




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

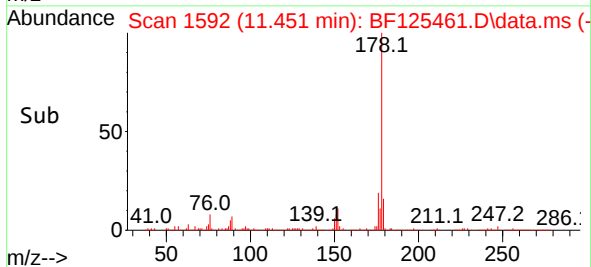
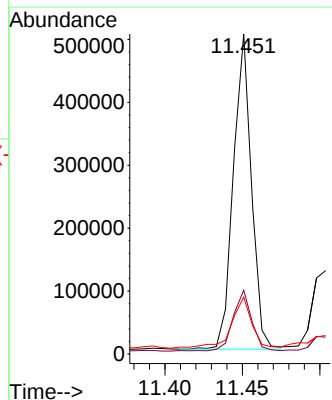
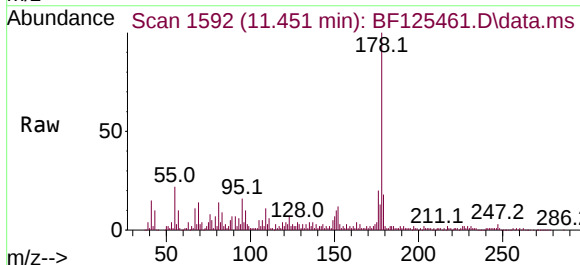
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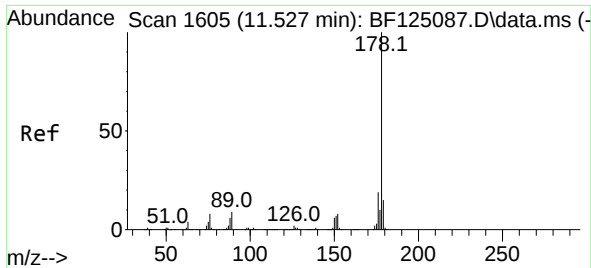
Tgt Ion:188 Resp: 349535
Ion Ratio Lower Upper
188 100
94 10.5 6.7 10.1#
80 10.9 7.5 11.3



#71
Phenanthrene
Concen: 21.119 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion:178 Resp: 406742
Ion Ratio Lower Upper
178 100
176 19.9 14.7 22.1
179 17.8 11.5 17.3#

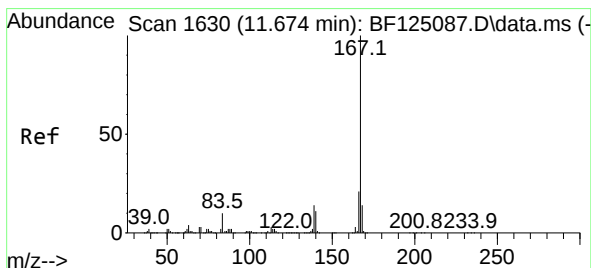
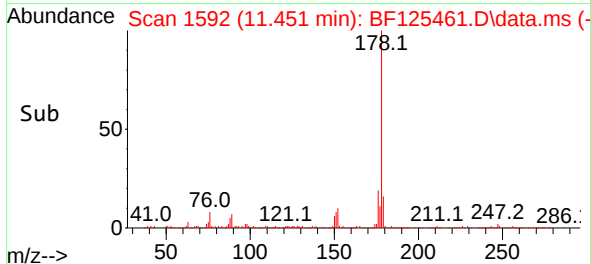
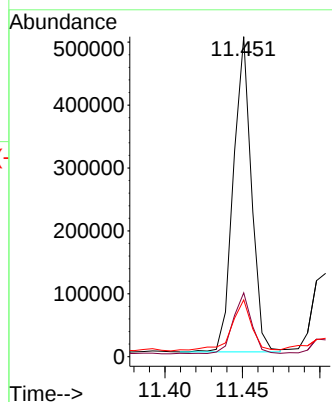
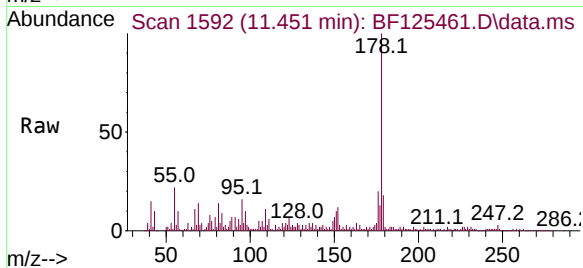




#72
 Anthracene
 Concen: 21.426 ng
 RT: 11.451 min Scan# 1592
 Delta R.T. -0.053 min
 Lab File: BF125461.D
 Acq: 14 Sep 2021 00:34

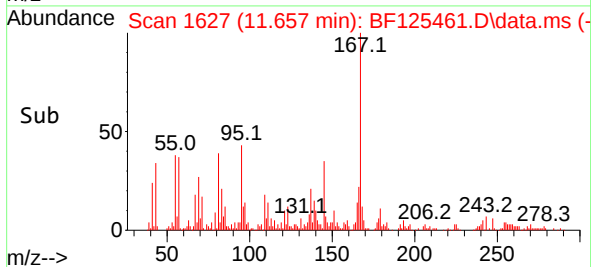
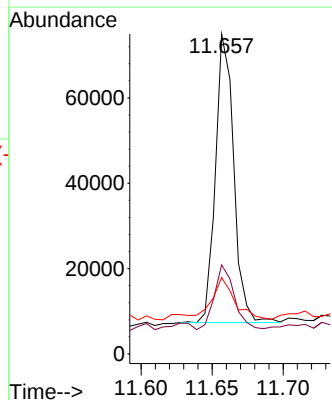
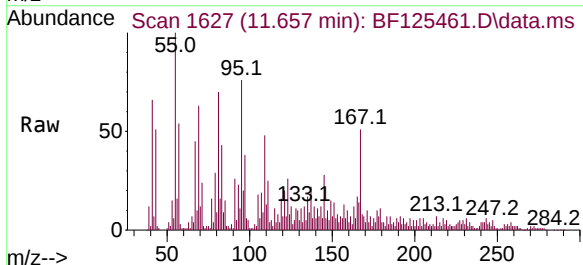
Instrument :
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 327DL

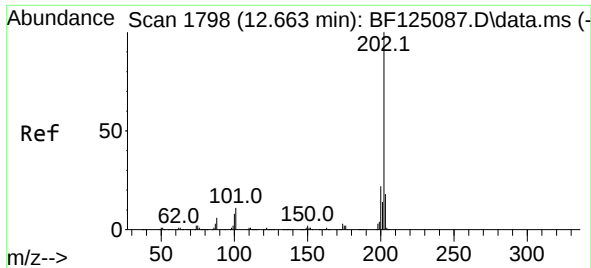
Tgt Ion:178 Resp: 406742
 Ion Ratio Lower Upper
 178 100
 176 19.9 14.3 21.5
 179 17.8 12.2 18.4



#73
 Carbazole
 Concen: 3.500 ng
 RT: 11.657 min Scan# 1627
 Delta R.T. 0.000 min
 Lab File: BF125461.D
 Acq: 14 Sep 2021 00:34

Tgt Ion:167 Resp: 60716
 Ion Ratio Lower Upper
 167 100
 166 27.9 17.4 26.0#
 139 23.9 11.0 16.4#

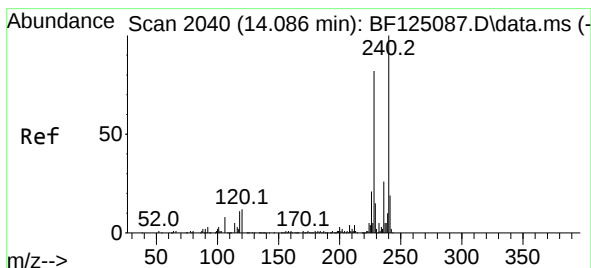
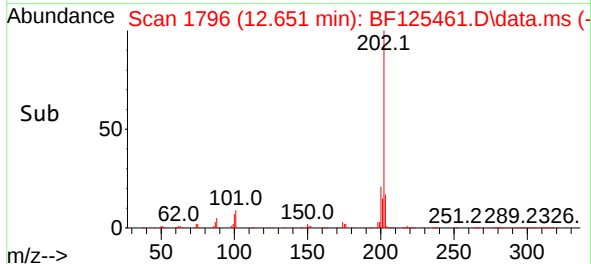
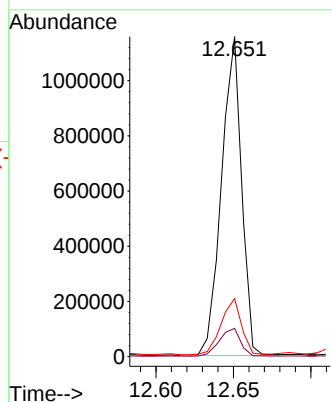
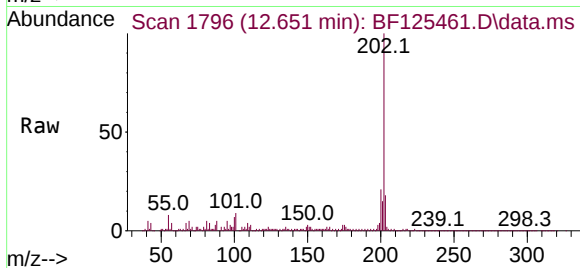




#75
Fluoranthene
Concen: 54.428 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.012 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

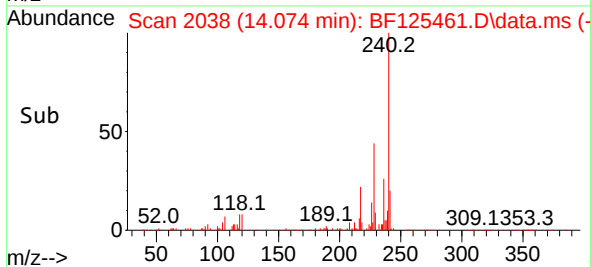
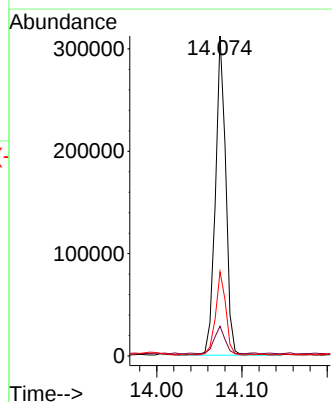
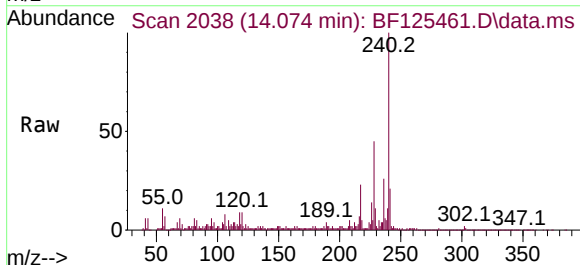
Instrument :
BNA_F
ClientSampleId :
327DL

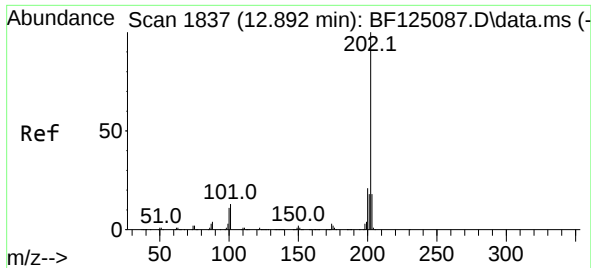
Tgt Ion:202 Resp: 1040129
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.7
203 18.2 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion:240 Resp: 265090
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 26.3 21.6 32.4

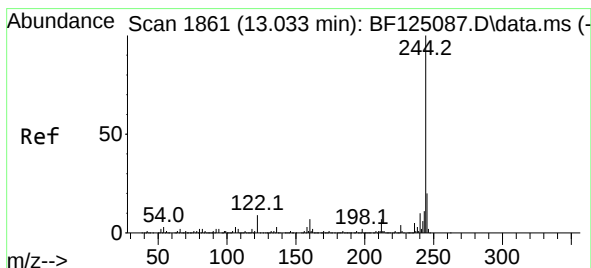
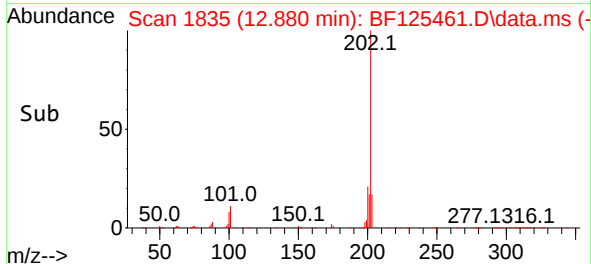
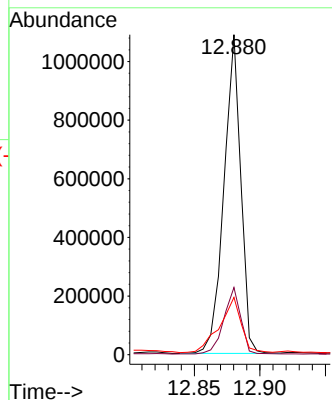
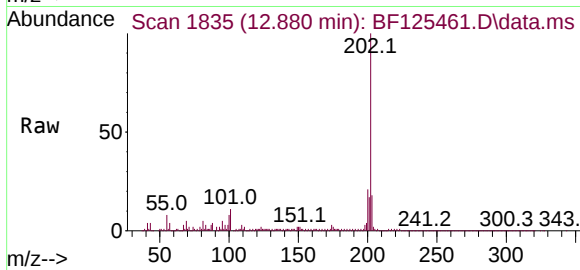




#78
Pyrene
Concen: 42.572 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

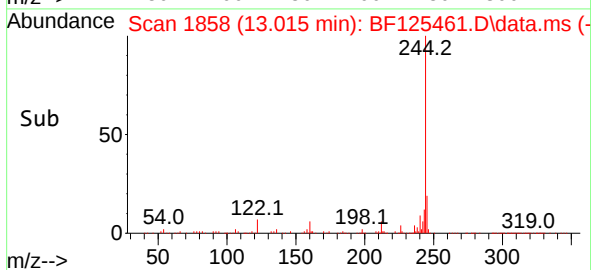
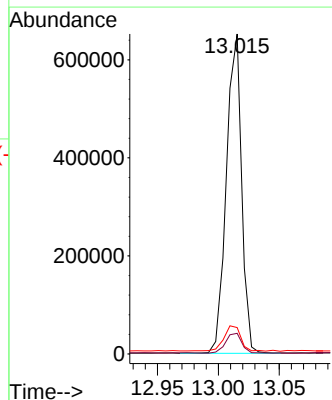
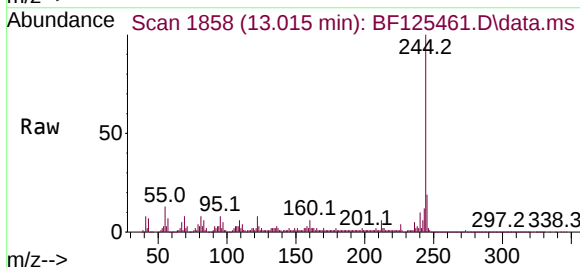
Instrument :
BNA_F
ClientSampleId :
327DL

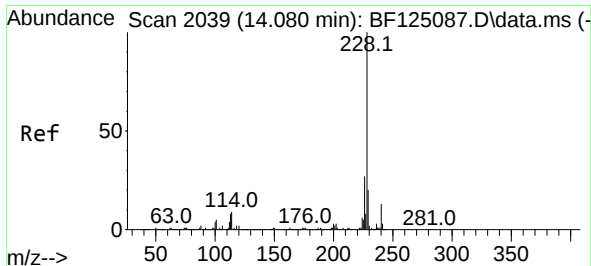
Tgt Ion:202	Resp:	968064
Ion Ratio	Lower	Upper
202	100	
200	21.0	15.3 22.9
203	17.9	13.4 20.0



#79
Terphenyl-d14
Concen: 34.018 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion:244	Resp:	566062
Ion Ratio	Lower	Upper
244	100	
212	6.4	5.9 8.9
122	8.2	9.0 13.4

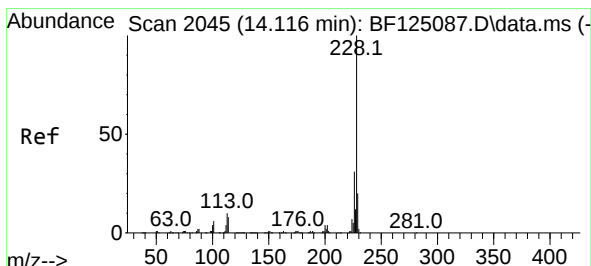
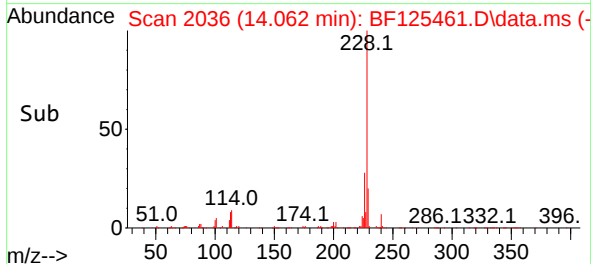
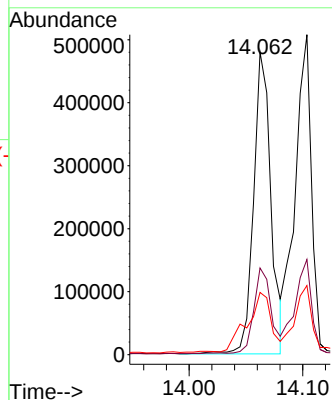
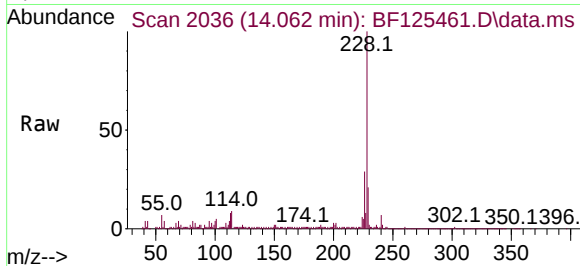




#81
Benzo(a)anthracene
Concen: 26.666 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

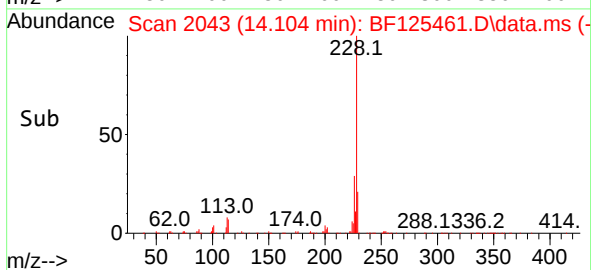
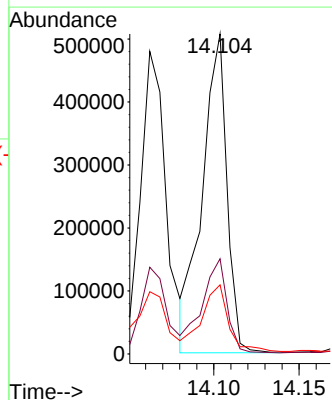
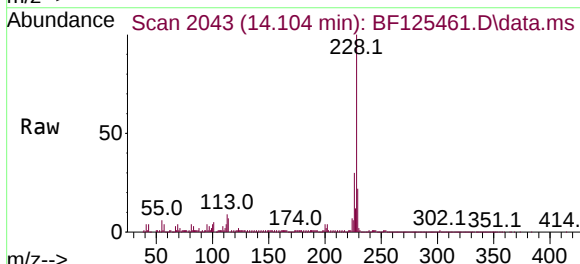
Instrument :
BNA_F
ClientSampleId :
327DL

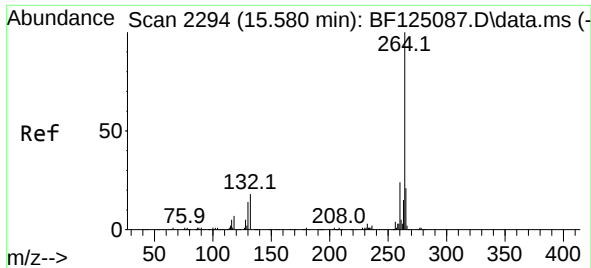
Tgt Ion:228 Resp: 509327
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 20.6 15.6 23.4



#83
Chrysene
Concen: 26.985 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion:228 Resp: 509725
Ion Ratio Lower Upper
228 100
226 29.7 22.6 34.0
229 21.6 15.9 23.9

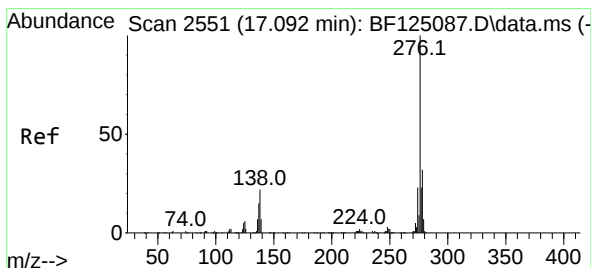
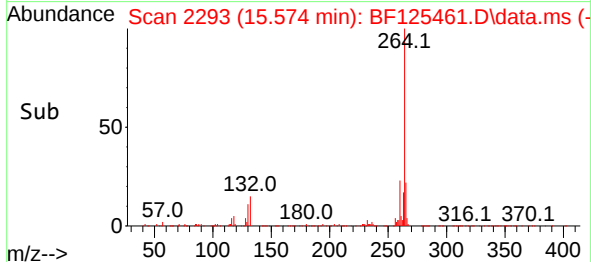
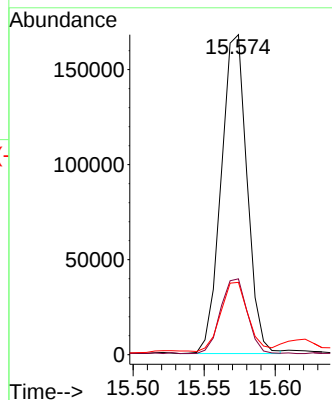
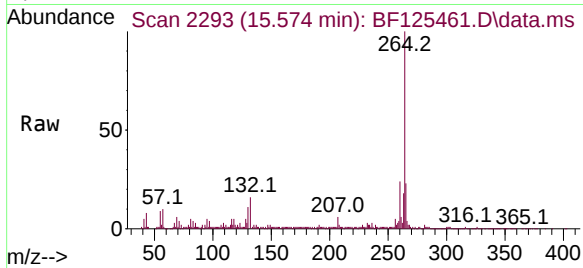




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

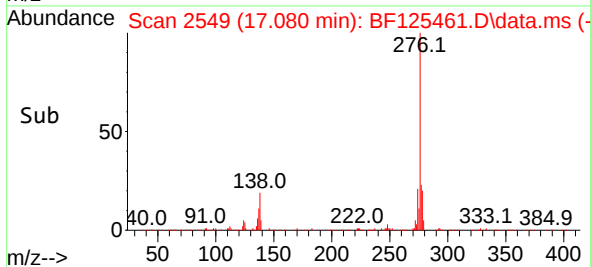
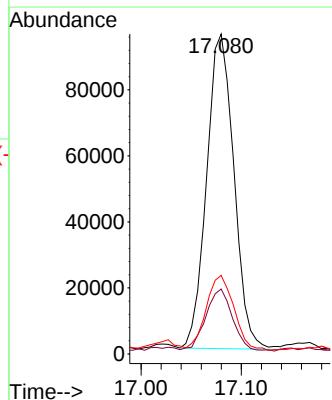
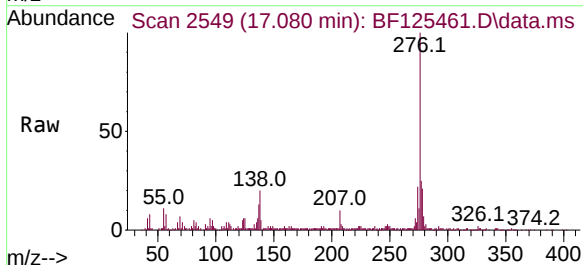
Instrument :
BNA_F
ClientSampleId :
327DL

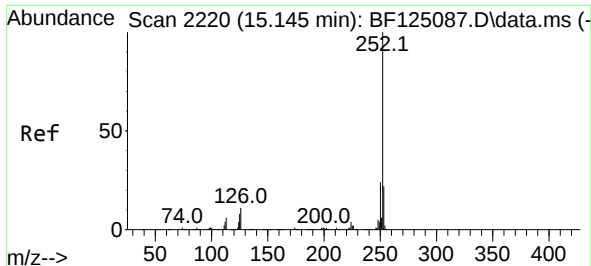
Tgt Ion:264 Resp: 212653
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 22.6 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 11.799 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion:276 Resp: 180766
Ion Ratio Lower Upper
276 100
138 19.4 24.1 36.1#
277 23.6 18.8 28.2

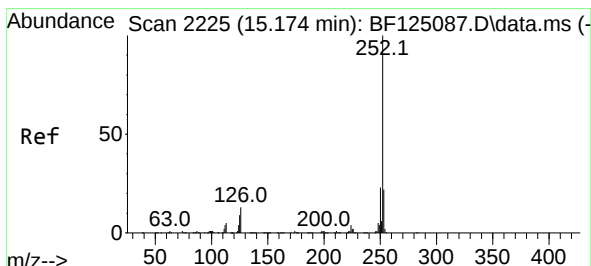
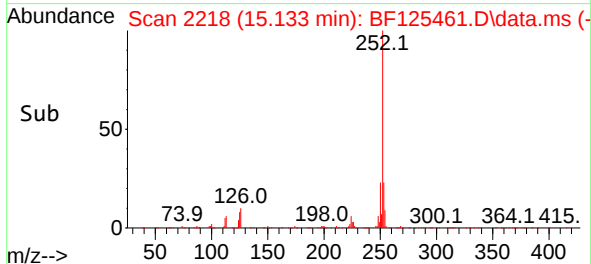
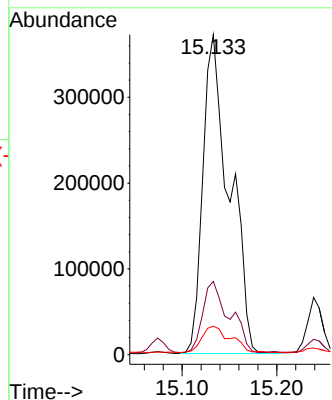
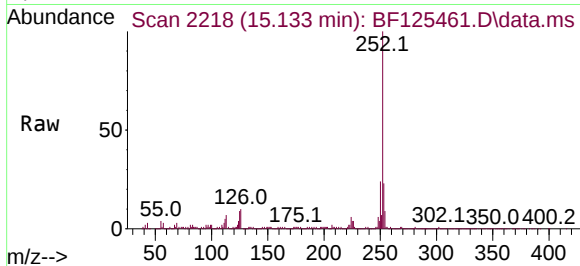




#88
Benzo(b)fluoranthene
Concen: 46.627 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

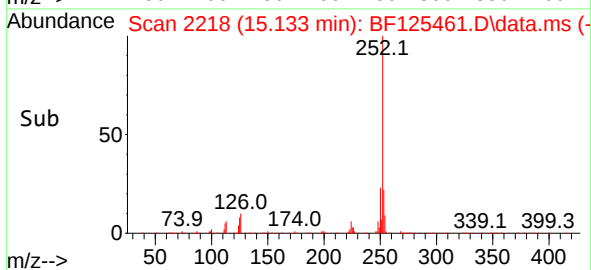
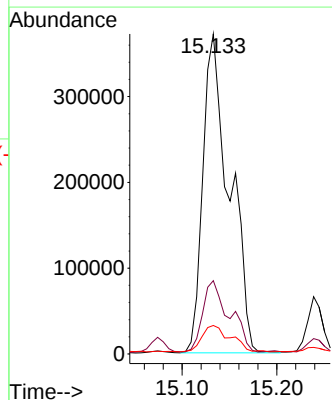
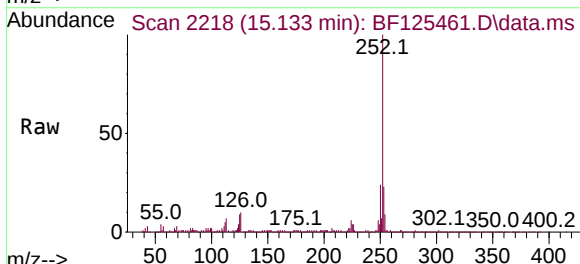
Instrument :
BNA_F
ClientSampleId :
327DL

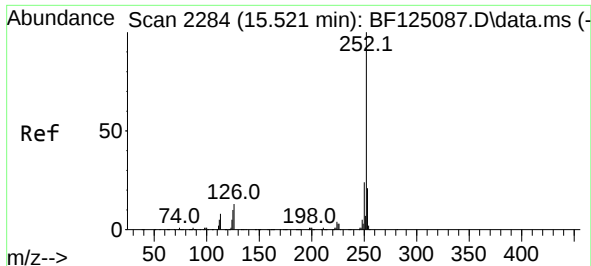
Tgt Ion:252 Resp: 724403
Ion Ratio Lower Upper
252 100
253 22.9 16.8 25.2
125 8.9 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 49.968 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.029 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Tgt Ion:252 Resp: 724403
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 8.9 7.2 10.8

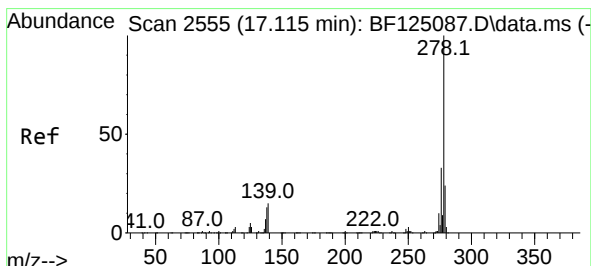
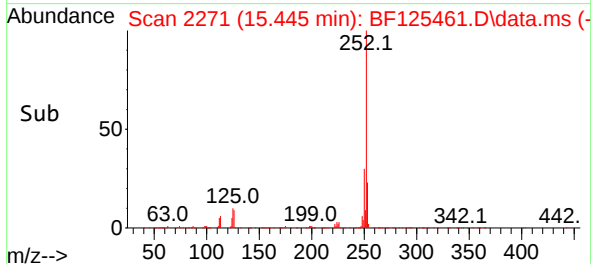
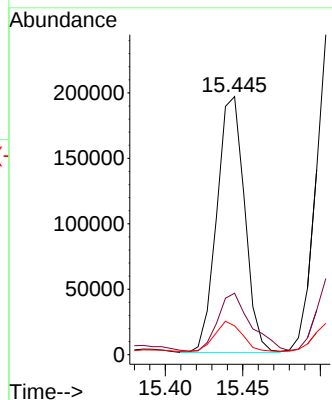
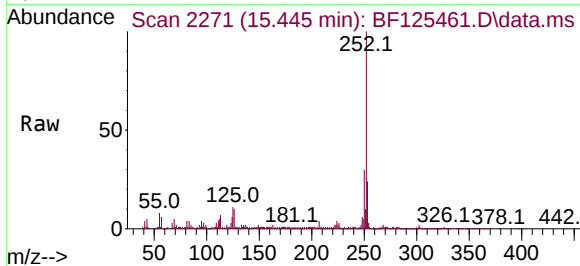




#90
Benzo(a)pyrene
Concen: 17.756 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.065 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

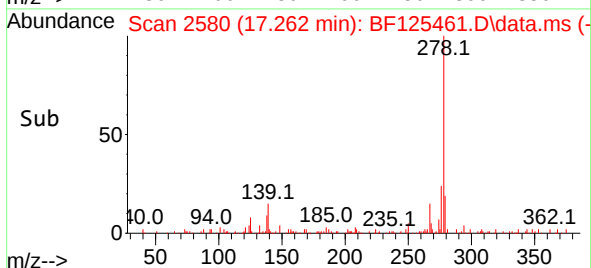
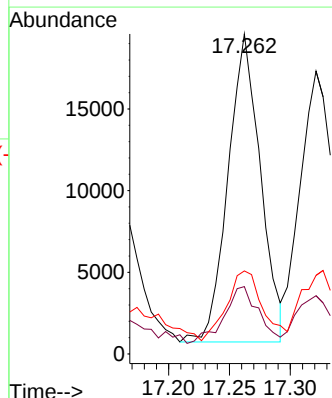
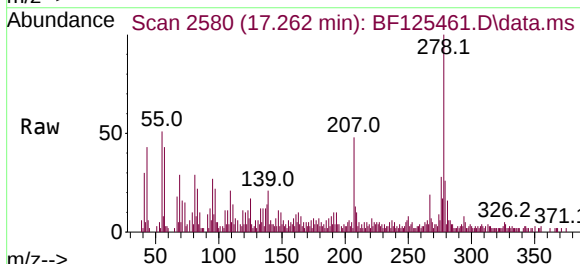
Instrument :
BNA_F
ClientSampleId :
327DL

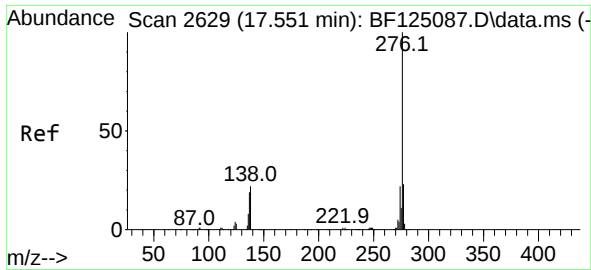
Tgt Ion:252 Resp: 243675
Ion Ratio Lower Upper
252 100
253 23.8 18.4 27.6
125 11.2 9.9 14.9



#91
Dibenzo(a,h)anthracene
Concen: 2.642 ng
RT: 17.262 min Scan# 2580
Delta R.T. 0.159 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

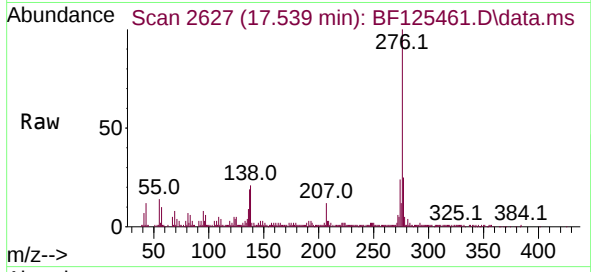
Tgt Ion:278 Resp: 34985
Ion Ratio Lower Upper
278 100
139 21.1 14.9 22.3
279 25.9 19.7 29.5





#92
Benzo(g,h,i)perylene
Concen: 12.803 ng
RT: 17.539 min Scan# 2627
Delta R.T. -0.006 min
Lab File: BF125461.D
Acq: 14 Sep 2021 00:34

Instrument :
BNA_F
ClientSampleId :
327DL



Tgt Ion: 276 Resp: 163474

Ion	Ratio	Lower	Upper
276	100		
277	25.1	22.0	33.0
138	21.2	22.2	33.4#

