

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129494.D
 Acq On : 02 Aug 2022 02:14
 Operator : CG\JU
 Sample : N3894-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-39

Quant Time: Aug 02 03:57:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

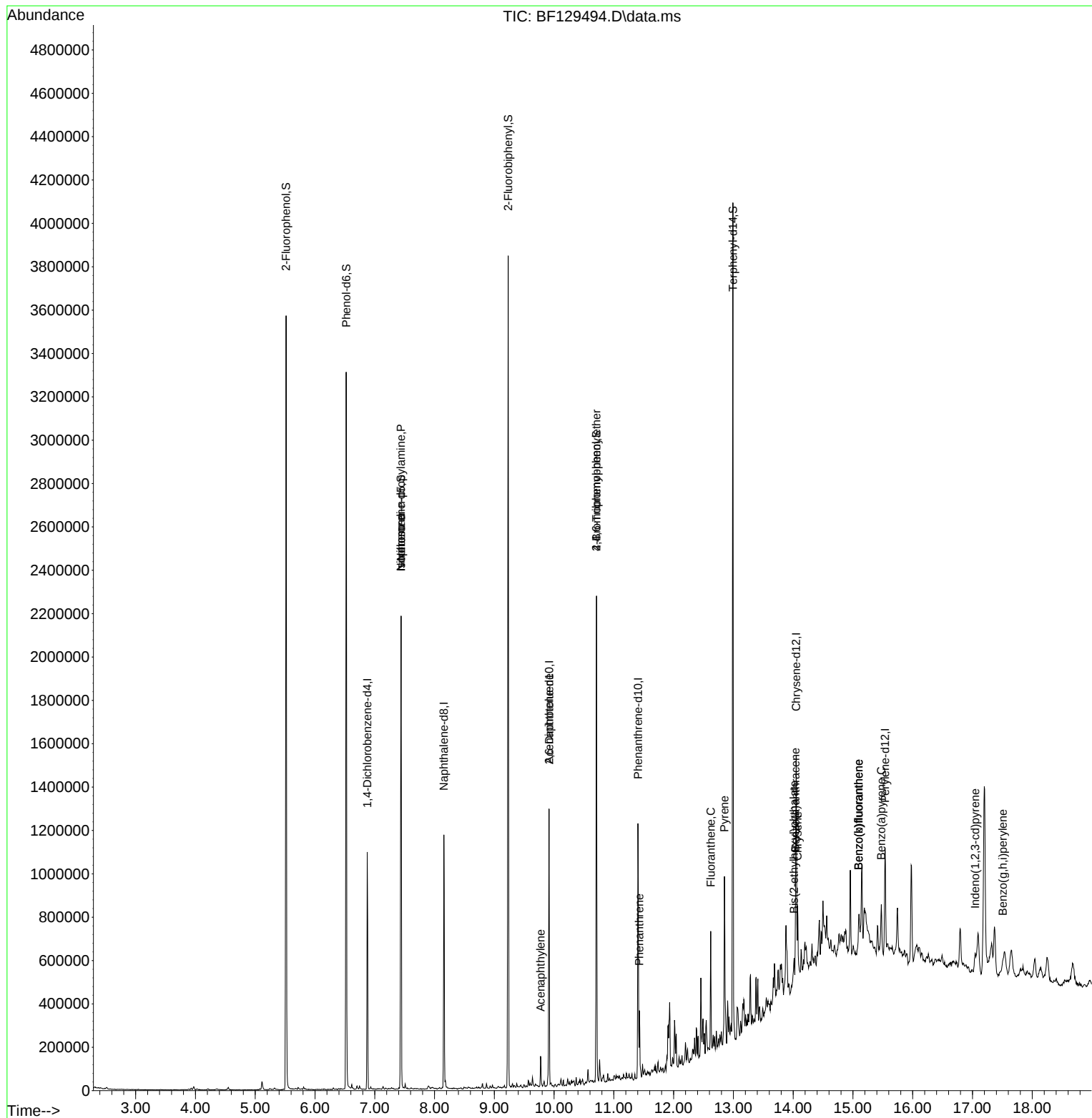
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	146557	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	503307	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	230912	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	406389	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	281522	20.000	ng	0.00
86) Perylene-d12	15.539	264	213229	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	903073	100.378	ng	0.01
7) Phenol-d6	6.522	99	1076638	95.207	ng	0.00
23) Nitrobenzene-d5	7.439	82	656880	71.245	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	230066	103.631	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1069303	71.636	ng	0.00
79) Terphenyl-d14	12.992	244	1181662	79.187	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	87551	12.789	ng	# 75
25) Isophorone	7.439	82	656866	39.745	ng	# 65
49) Acenaphthylene	9.775	152	56575	2.733	ng	99
51) 2,6-Dinitrotoluene	9.916	165	31319	8.778	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	14780	3.321	ng	# 1
71) Phenanthrene	11.427	178	103381	4.660	ng	99
75) Fluoranthene	12.621	202	174949	7.783	ng	98
78) Pyrene	12.851	202	294824	12.524	ng	98
81) Benzo(a)anthracene	14.039	228	104486	5.433	ng	91
83) Chrysene	14.074	228	119032	6.568	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	32235	2.398	ng	# 98
87) Indeno(1,2,3-cd)pyrene	17.045	276	37662	2.623	ng	94
88) Benzo(b)fluoranthene	15.098	252	110927	7.843	ng	# 91
89) Benzo(k)fluoranthene	15.098	252	110927	8.003	ng	# 91
90) Benzo(a)pyrene	15.474	252	68856	5.997	ng	# 90
92) Benzo(g,h,i)perylene	17.509	276	48384	4.052	ng	93

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

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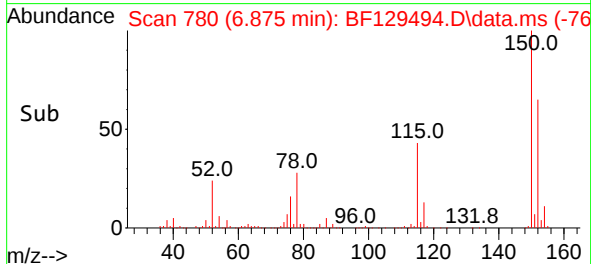
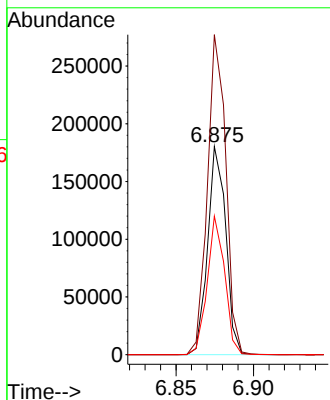
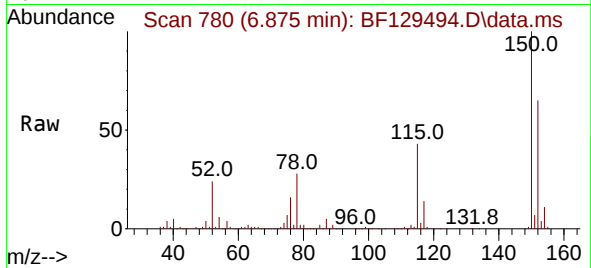




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

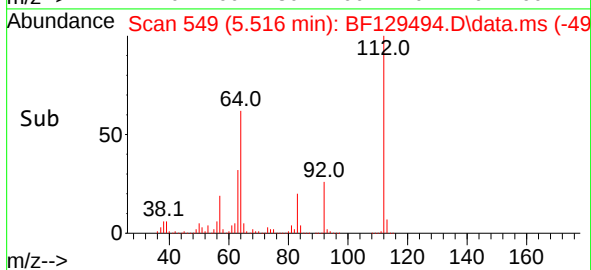
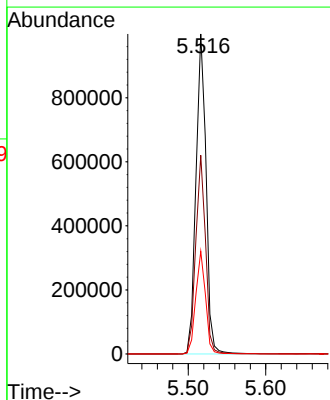
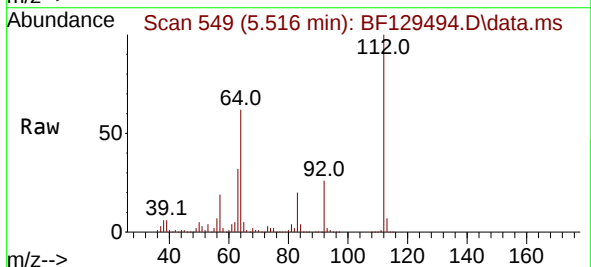
Instrument :
BNA_F
ClientSampleId :
RVE-39

Tgt Ion:152 Resp: 146557
Ion Ratio Lower Upper
152 100
150 153.7 123.7 185.5
115 66.6 49.9 74.9



#5
2-Fluorophenol
Concen: 100.378 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.012 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

Tgt Ion:112 Resp: 903073
Ion Ratio Lower Upper
112 100
64 62.1 53.3 79.9
63 32.1 28.0 42.0

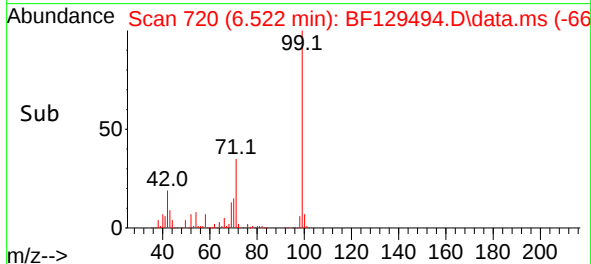
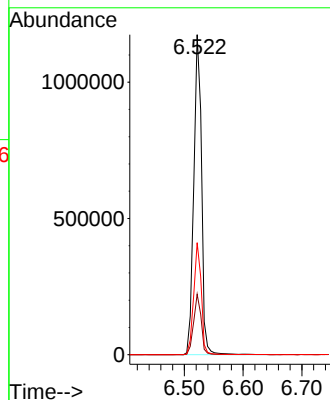
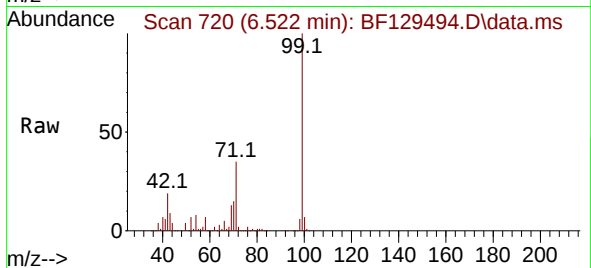




#7
Phenol-d6
Concen: 95.207 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

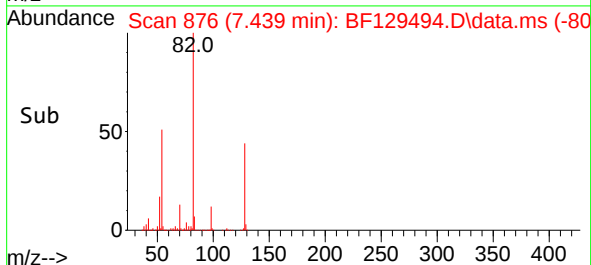
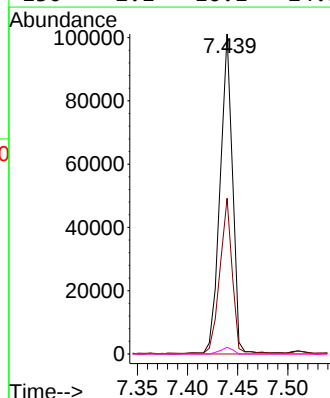
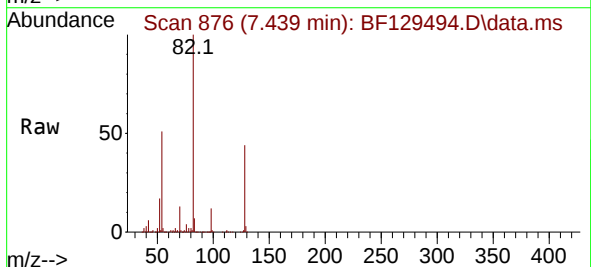
Instrument :
BNA_F
ClientSampleId :
RVE-39

Tgt Ion: 99 Resp: 1076638
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.789 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

Tgt Ion: 70 Resp: 87551
Ion Ratio Lower Upper
70 100
42 48.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



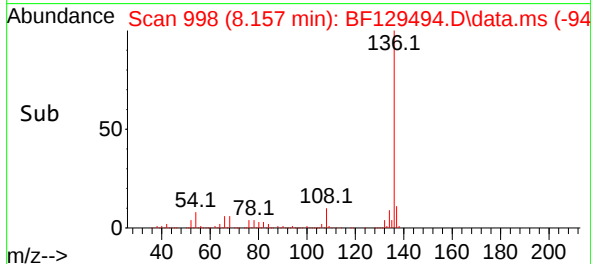
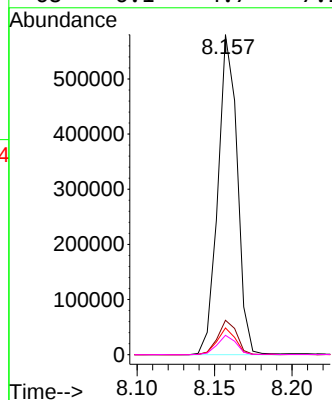
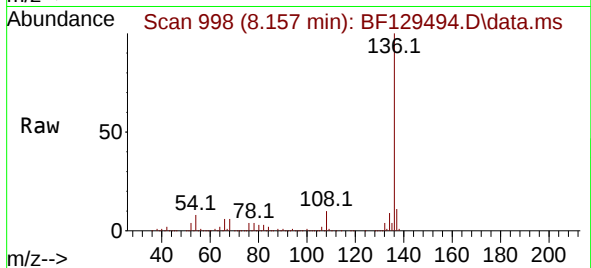


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

Instrument :
BNA_F
ClientSampleId :
RVE-39

Tgt Ion:136 Resp: 503307

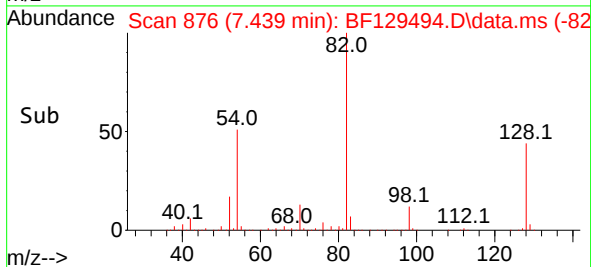
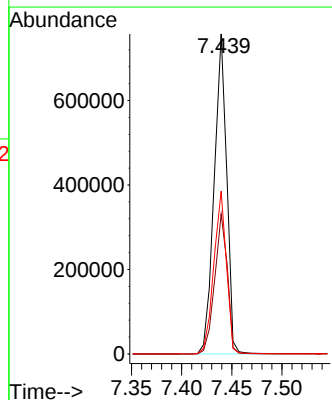
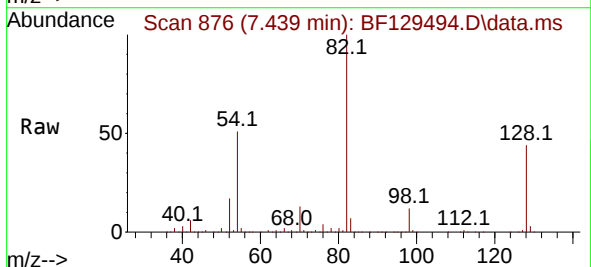
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.4	7.5	11.3
68	6.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 71.245 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

Tgt Ion: 82 Resp: 656880

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	50.9	46.9	70.3

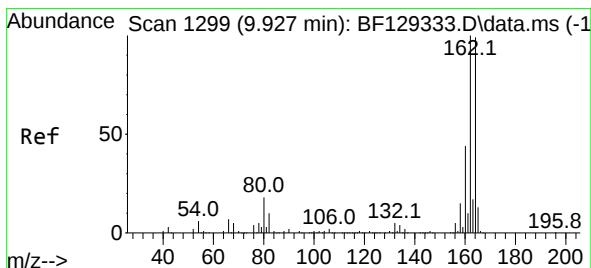
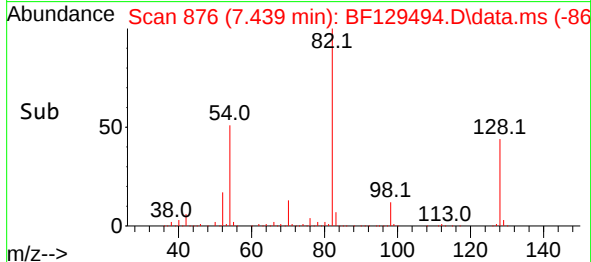
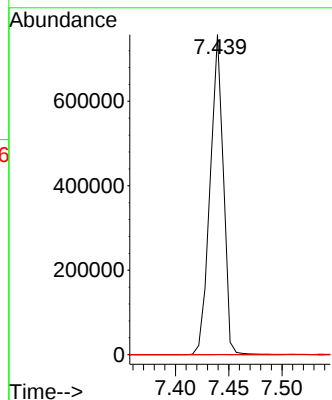
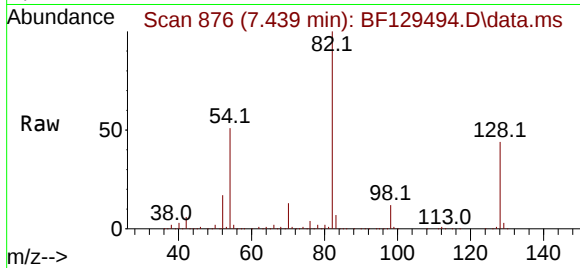




#25
Isophorone
Concen: 39.745 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

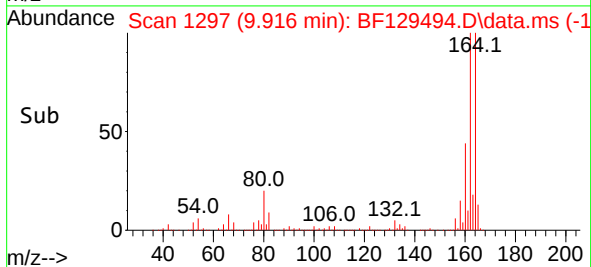
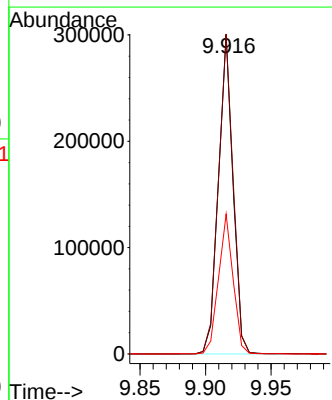
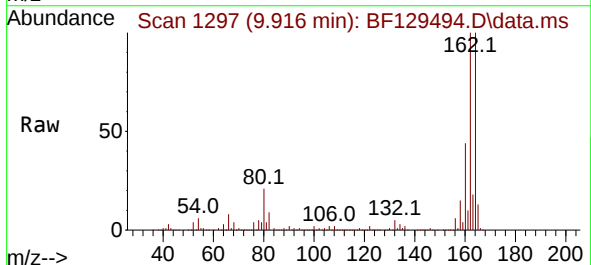
Instrument :
BNA_F
ClientSampleId :
RVE-39

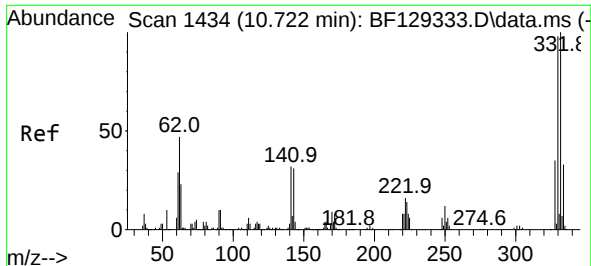
Tgt Ion: 82 Resp: 656866
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

Tgt Ion:164 Resp: 230912
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 103.631 ng

RT: 10.710 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

Instrument :

BNA_F

ClientSampleId :

RVE-39

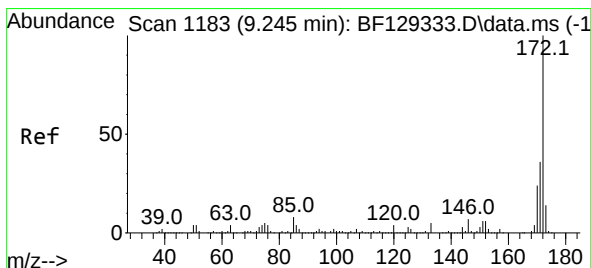
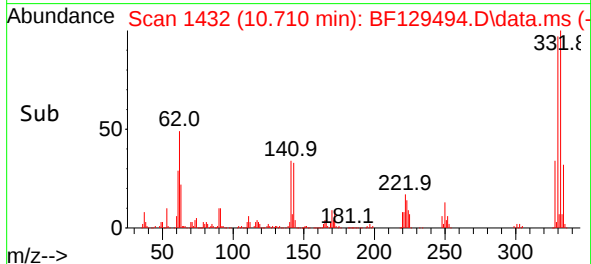
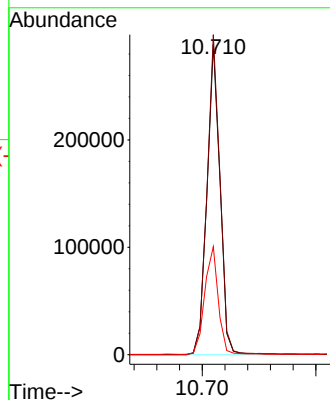
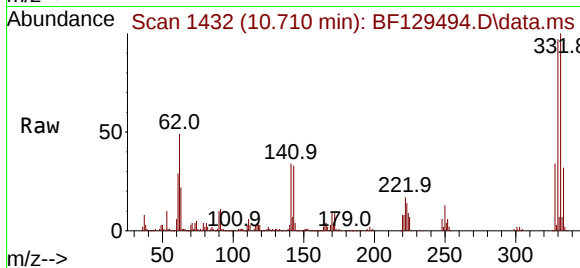
Tgt Ion:330 Resp: 230066

Ion Ratio Lower Upper

330 100

332 102.7 76.8 115.2

141 36.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 71.636 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

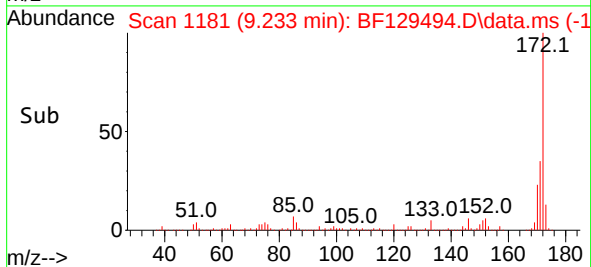
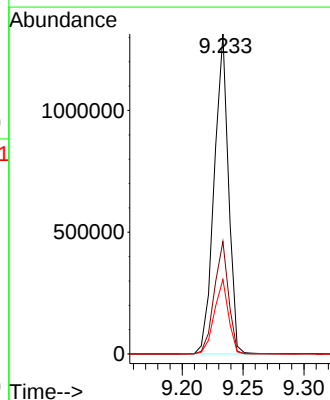
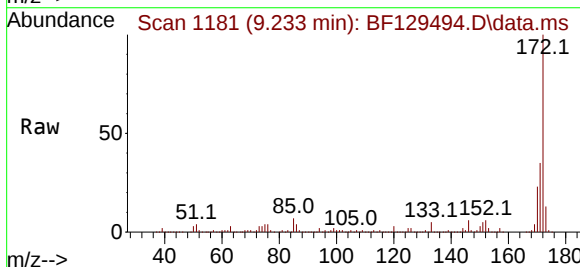
Tgt Ion:172 Resp: 1069303

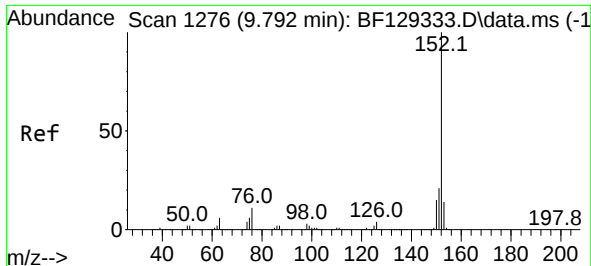
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.3 19.8 29.8





#49

Acenaphthylene

Concen: 2.733 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

Instrument :

BNA_F

ClientSampleId :

RVE-39

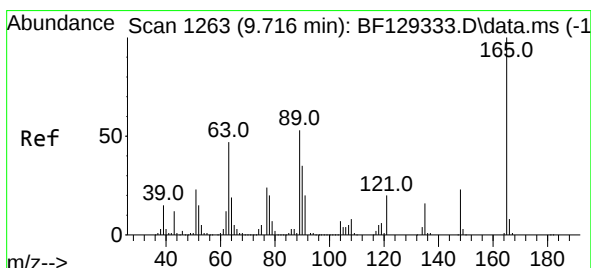
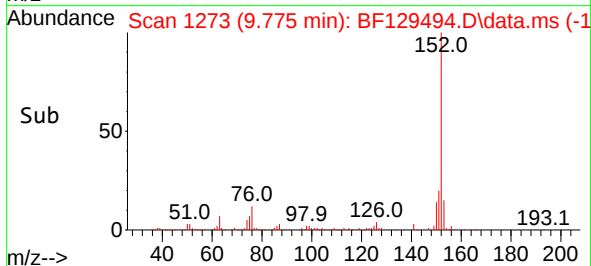
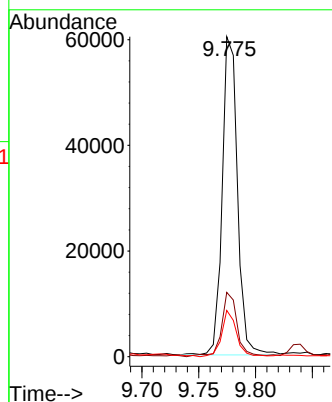
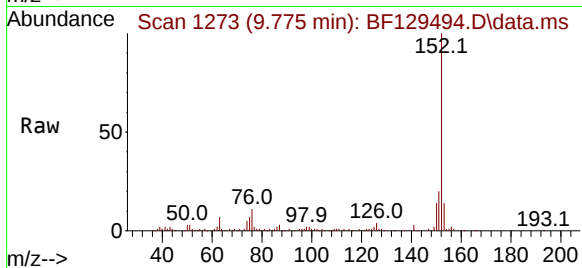
Tgt Ion:152 Resp: 56575

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

153 14.5 10.7 16.1



#51

2,6-Dinitrotoluene

Concen: 8.778 ng

RT: 9.916 min Scan# 1297

Delta R.T. 0.212 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

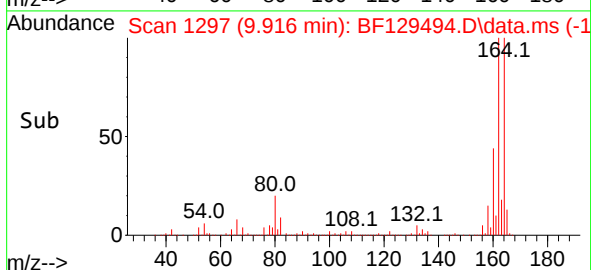
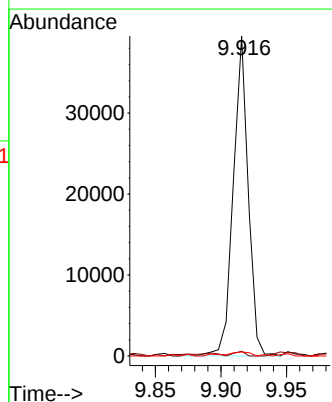
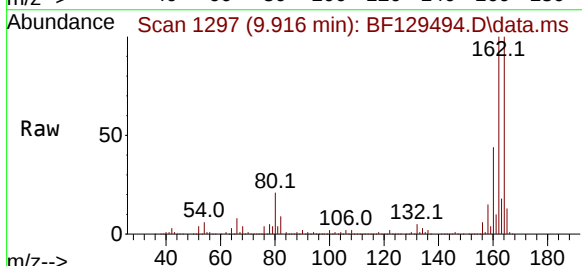
Tgt Ion:165 Resp: 31319

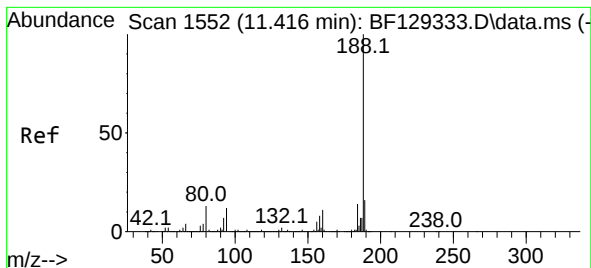
Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.3 43.6 65.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

Instrument :

BNA_F

ClientSampleId :

RVE-39

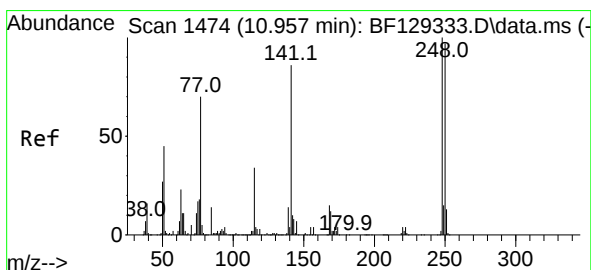
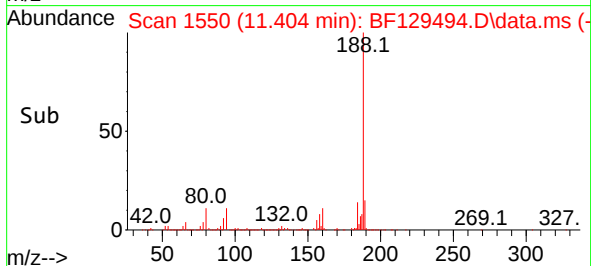
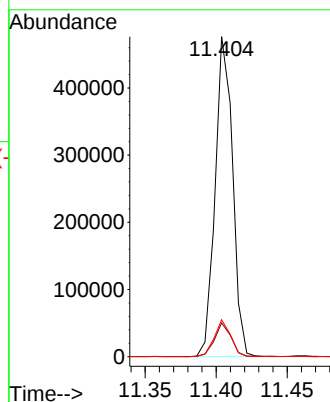
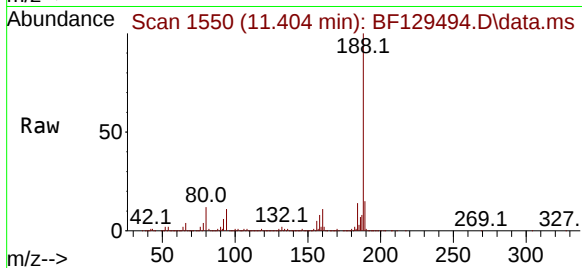
Tgt Ion:188 Resp: 406389

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 11.6 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.321 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.235 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

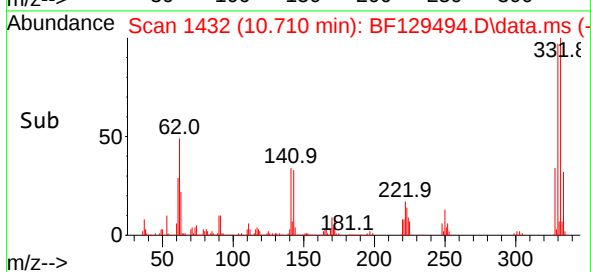
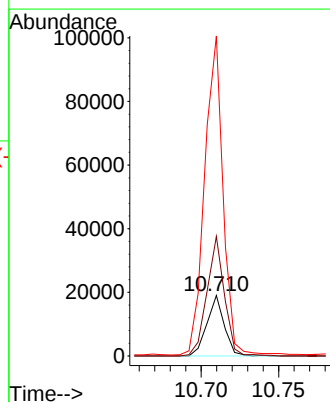
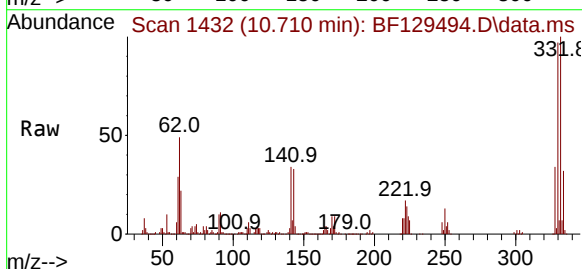
Tgt Ion:248 Resp: 14780

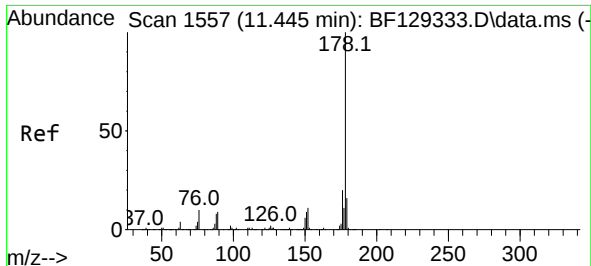
Ion Ratio Lower Upper

248 100

250 197.6 80.6 120.8#

141 528.7 58.9 88.3#

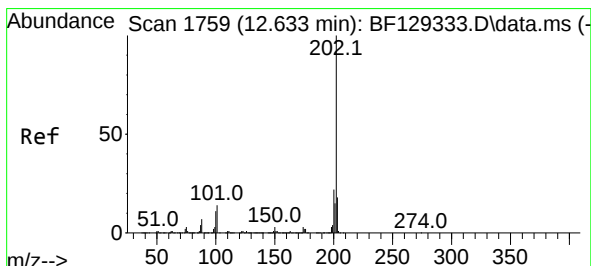
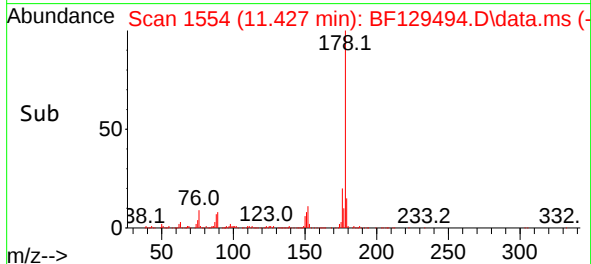
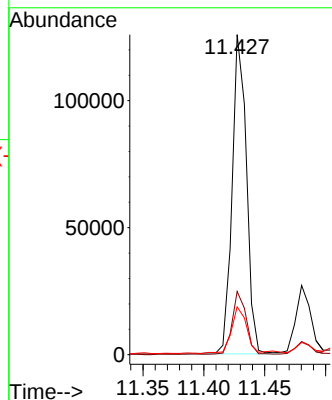
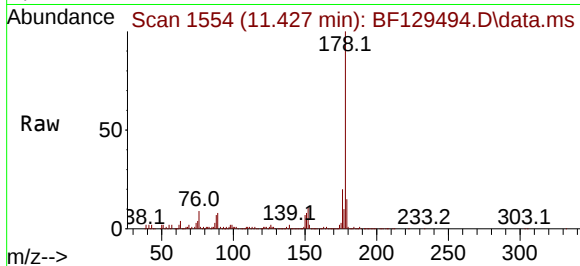




#71
Phenanthrene
Concen: 4.660 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

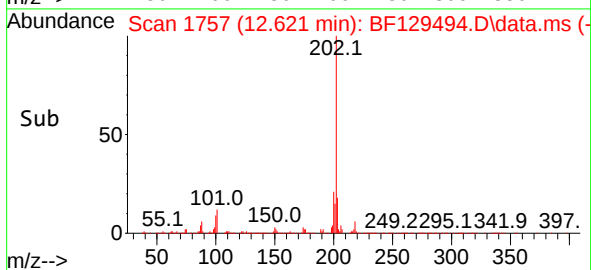
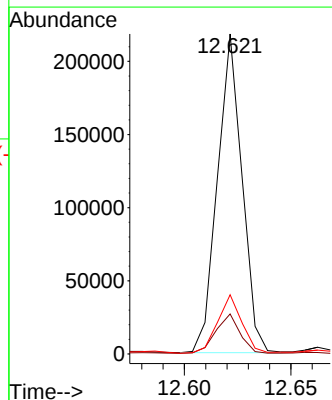
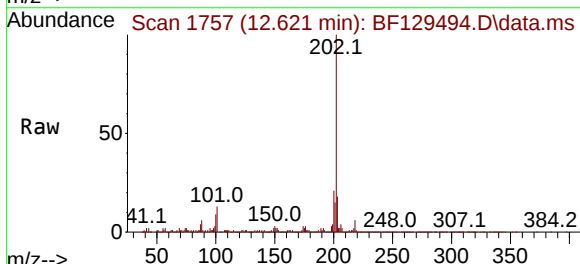
Instrument :
BNA_F
ClientSampleId :
RVE-39

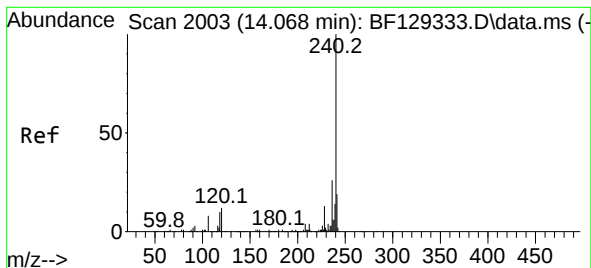
Tgt Ion:178 Resp: 103381
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.0 12.6 19.0



#75
Fluoranthene
Concen: 7.783 ng
RT: 12.621 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

Tgt Ion:202 Resp: 174949
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.4
203 18.5 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2000

Delta R.T. -0.000 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

Instrument :

BNA_F

ClientSampleId :

RVE-39

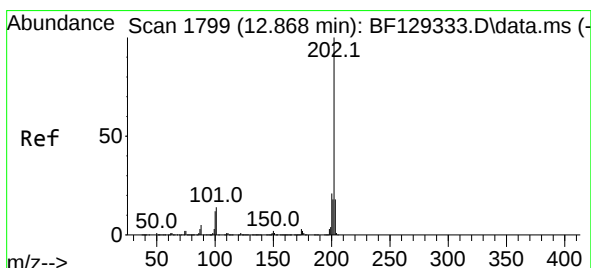
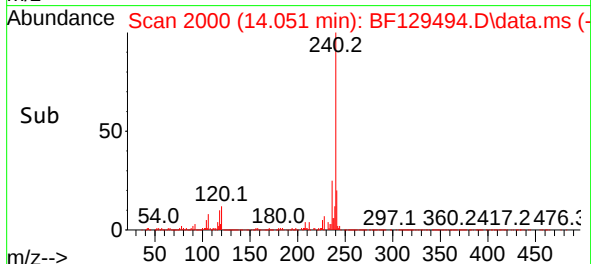
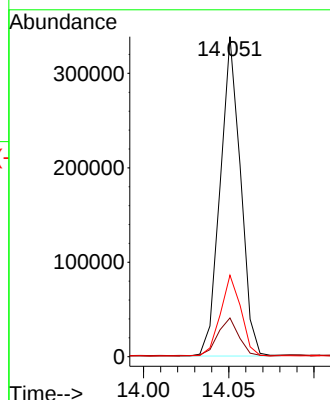
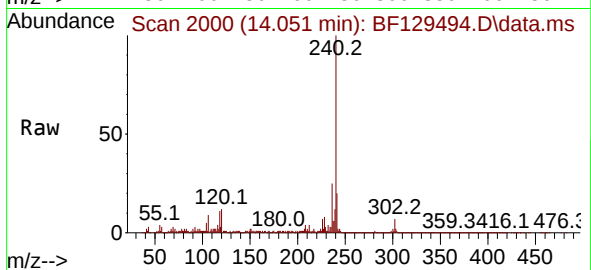
Tgt Ion:240 Resp: 281522

Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

236 25.4 20.8 31.2



#78

Pyrene

Concen: 12.524 ng

RT: 12.851 min Scan# 1796

Delta R.T. -0.000 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

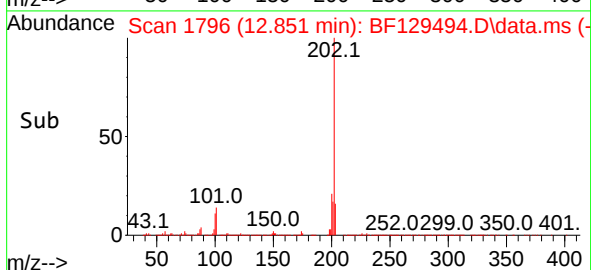
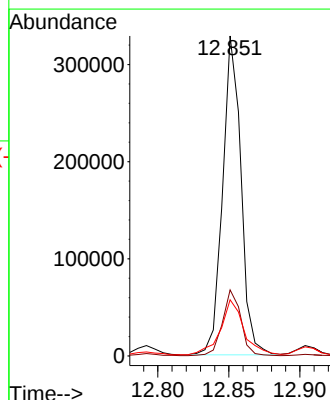
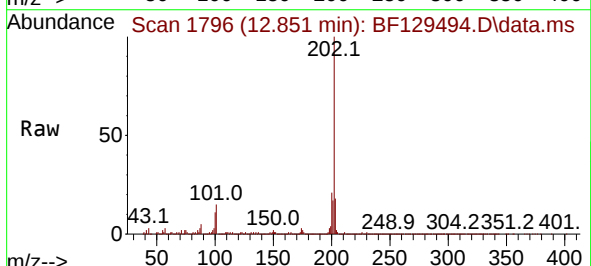
Tgt Ion:202 Resp: 294824

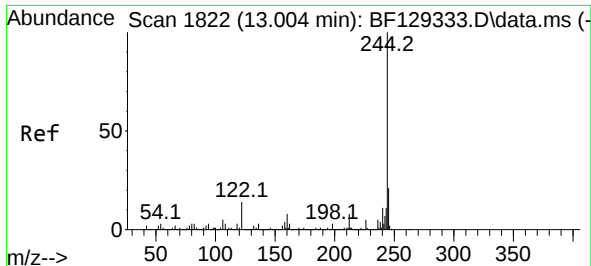
Ion Ratio Lower Upper

202 100

200 20.6 17.7 26.5

203 17.5 14.6 21.8

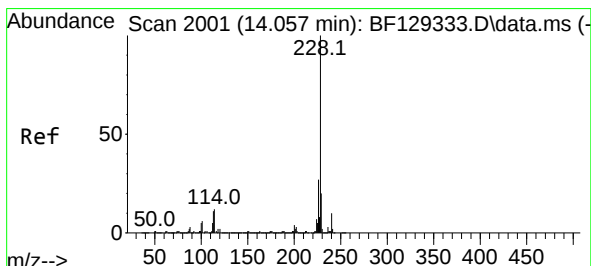
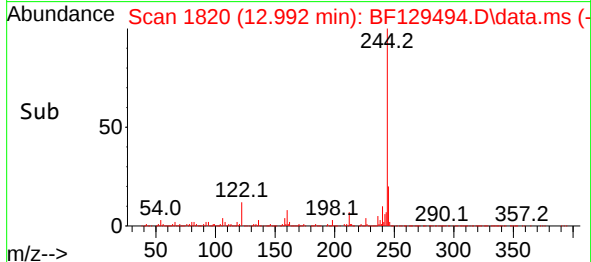
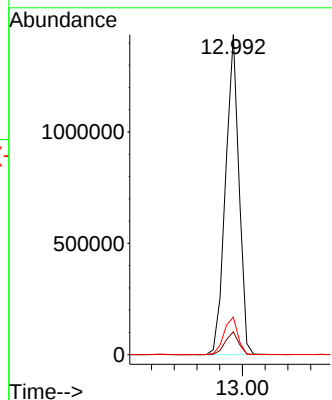
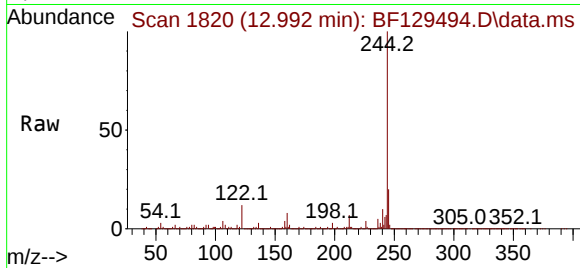




#79
 Terphenyl-d14
 Concen: 79.187 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129494.D
 Acq: 02 Aug 2022 02:14

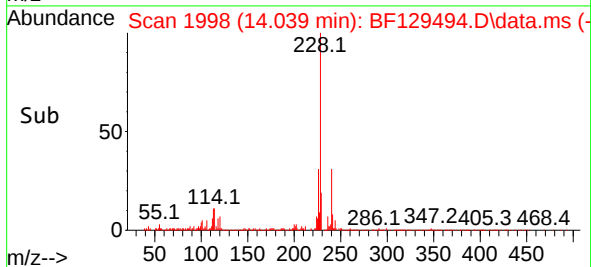
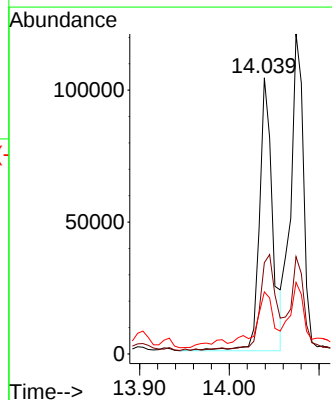
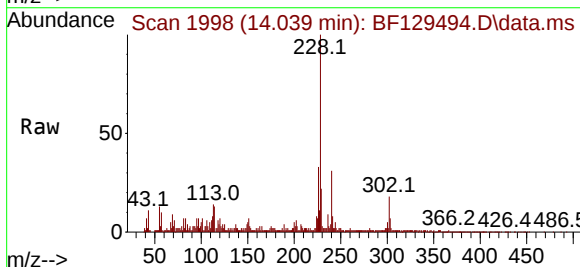
Instrument :
 BNA_F
 ClientSampleId :
 RVE-39

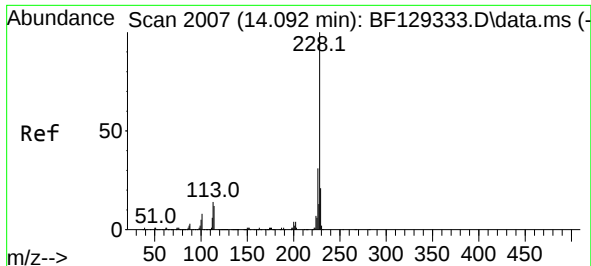
Tgt Ion:244 Resp: 1181662
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.8 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 5.433 ng
 RT: 14.039 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: BF129494.D
 Acq: 02 Aug 2022 02:14

Tgt Ion:228 Resp: 104486
 Ion Ratio Lower Upper
 228 100
 226 33.1 22.1 33.1
 229 22.5 15.8 23.8





#83

Chrysene

Concen: 6.568 ng

RT: 14.074 min Scan# 2007

Delta R.T. -0.000 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

Instrument :

BNA_F

ClientSampleId :

RVE-39

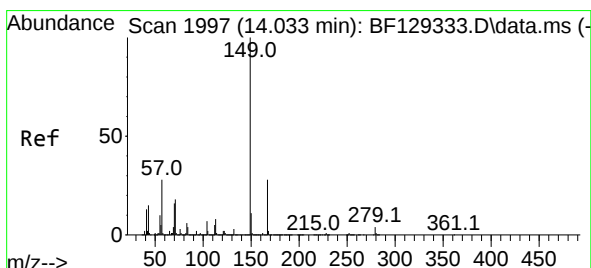
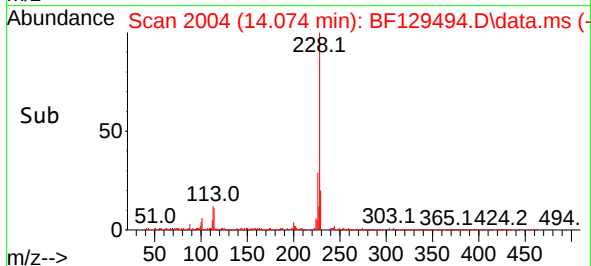
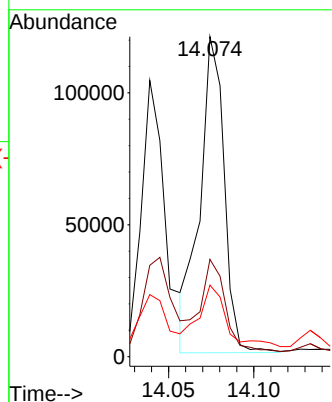
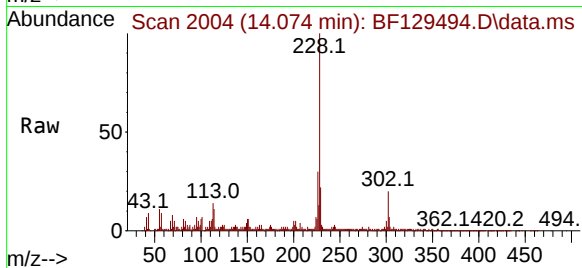
Tgt Ion:228 Resp: 119032

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 22.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.398 ng

RT: 14.015 min Scan# 1994

Delta R.T. 0.006 min

Lab File: BF129494.D

Acq: 02 Aug 2022 02:14

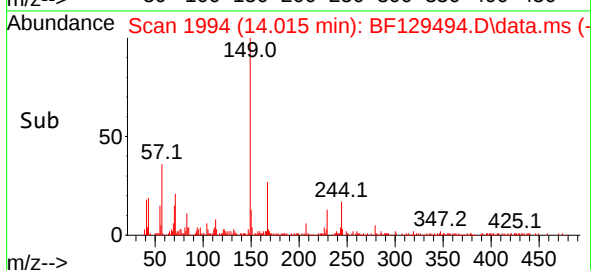
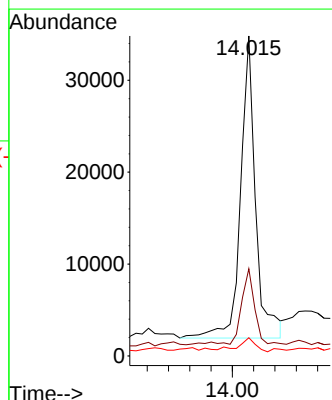
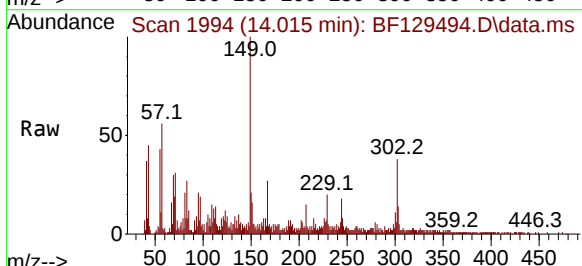
Tgt Ion:149 Resp: 32235

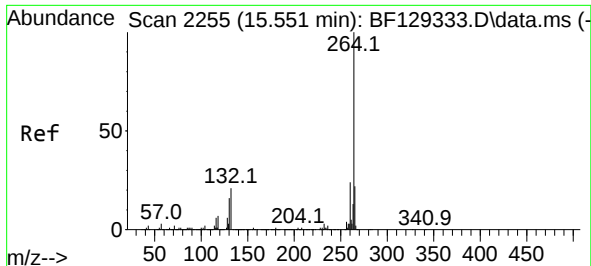
Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.4

279 5.7 3.1 4.7#

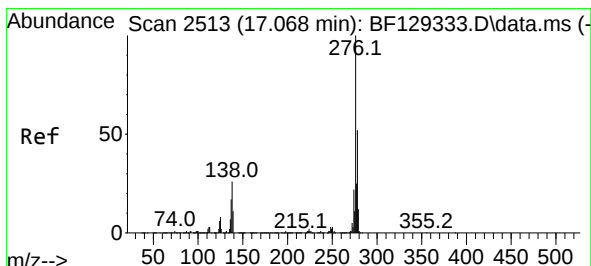
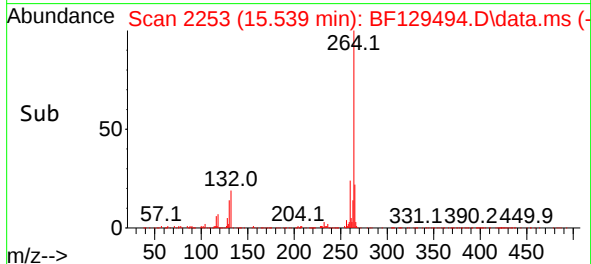
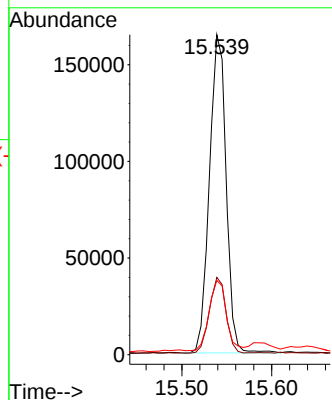
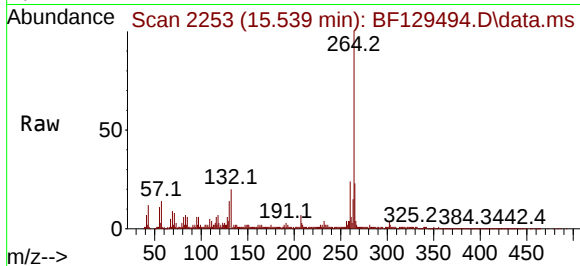




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF129494.D
 Acq: 02 Aug 2022 02:14

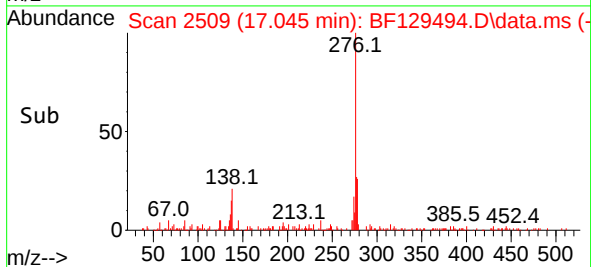
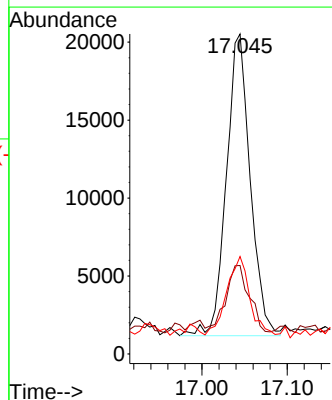
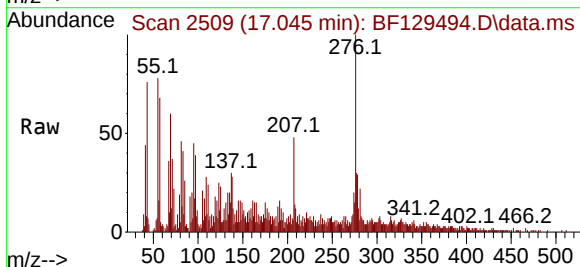
Instrument :
 BNA_F
 ClientSampleId :
 RVE-39

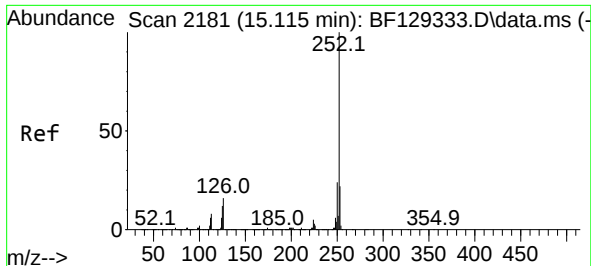
Tgt Ion:264 Resp: 213229
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 23.2 17.2 25.8



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.623 ng
 RT: 17.045 min Scan# 2509
 Delta R.T. 0.012 min
 Lab File: BF129494.D
 Acq: 02 Aug 2022 02:14

Tgt Ion:276 Resp: 37662
 Ion Ratio Lower Upper
 276 100
 138 21.4 21.1 31.7
 277 24.7 20.3 30.5

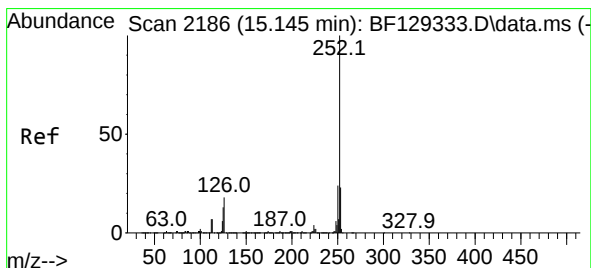
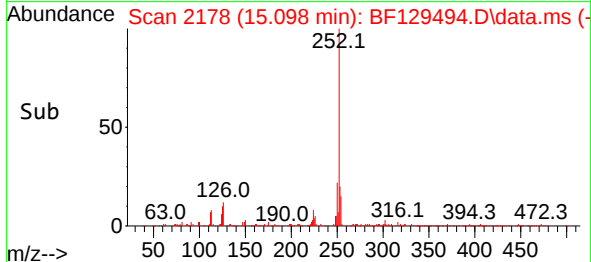
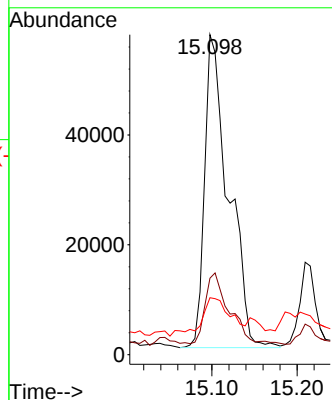
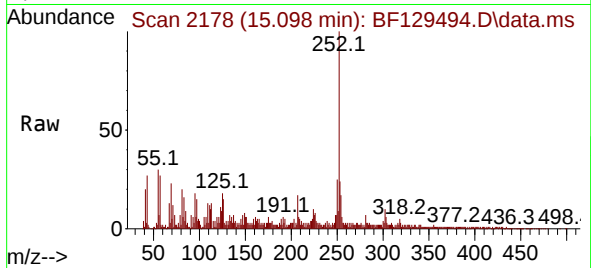




#88
Benzo(b)fluoranthene
Concen: 7.843 ng
RT: 15.098 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

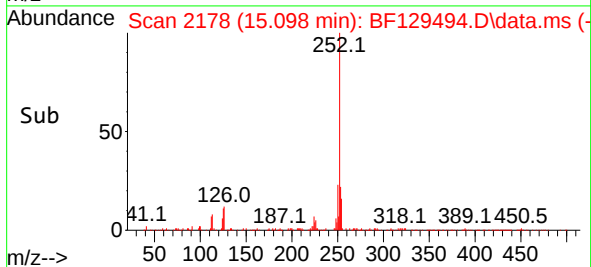
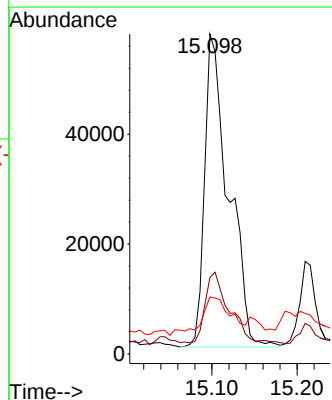
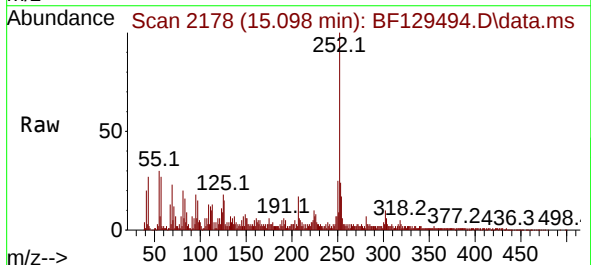
Instrument :
BNA_F
ClientSampleId :
RVE-39

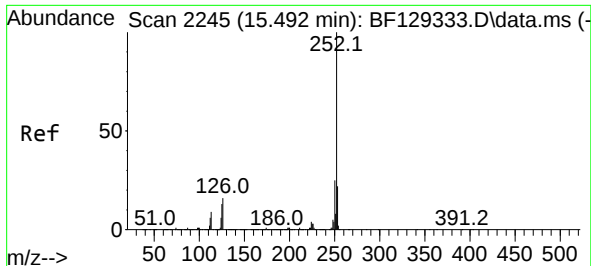
Tgt Ion:252 Resp: 110927
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 17.8 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 8.003 ng
RT: 15.098 min Scan# 2178
Delta R.T. -0.024 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

Tgt Ion:252 Resp: 110927
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 17.8 8.3 12.5#

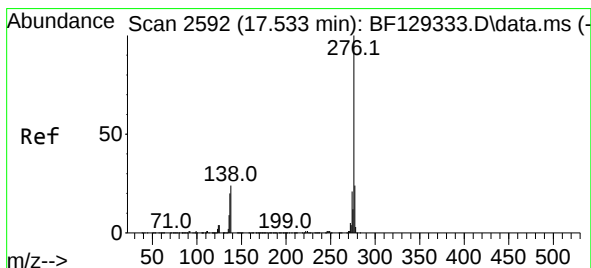
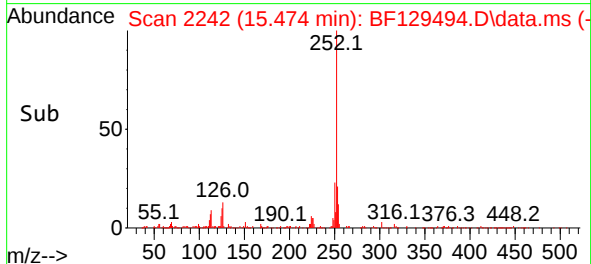
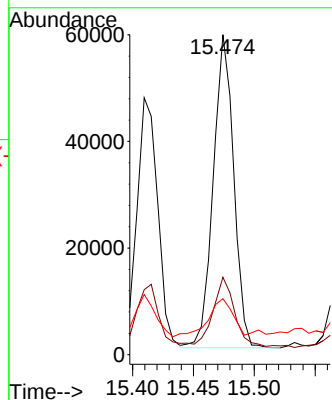
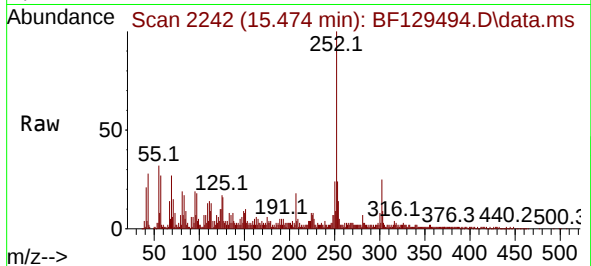




#90
Benzo(a)pyrene
Concen: 5.997 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

Instrument :
BNA_F
ClientSampleId :
RVE-39

Tgt Ion:252 Resp: 68856
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.6
125 17.5 8.8 13.2#



#92
Benzo(g,h,i)perylene
Concen: 4.052 ng
RT: 17.509 min Scan# 2588
Delta R.T. 0.018 min
Lab File: BF129494.D
Acq: 02 Aug 2022 02:14

Tgt Ion:276 Resp: 48384
Ion Ratio Lower Upper
276 100
277 27.9 19.1 28.7
138 25.4 18.0 27.0

