

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114673.D
 Acq On : 30 May 2019 21:15
 Operator : HP/JU
 Sample : K3068-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 05:46:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	387148	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1429854	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	695705	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1224266	20.00	ng	0.00
76) Chrysene-d12	13.82	240	673070	20.00	ng	0.00
87) Perylene-d12	15.21	264	918876	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2118901	96.09	ng	0.01
7) Phenol-d6	6.33	99	2659274	100.08	ng	0.00
23) Nitrobenzene-d5	7.25	82	1641664	71.63	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	534381	80.61	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2546909	65.01	ng	0.00
79) Terphenyl-d14	12.78	244	2043886	57.09	ng	0.00

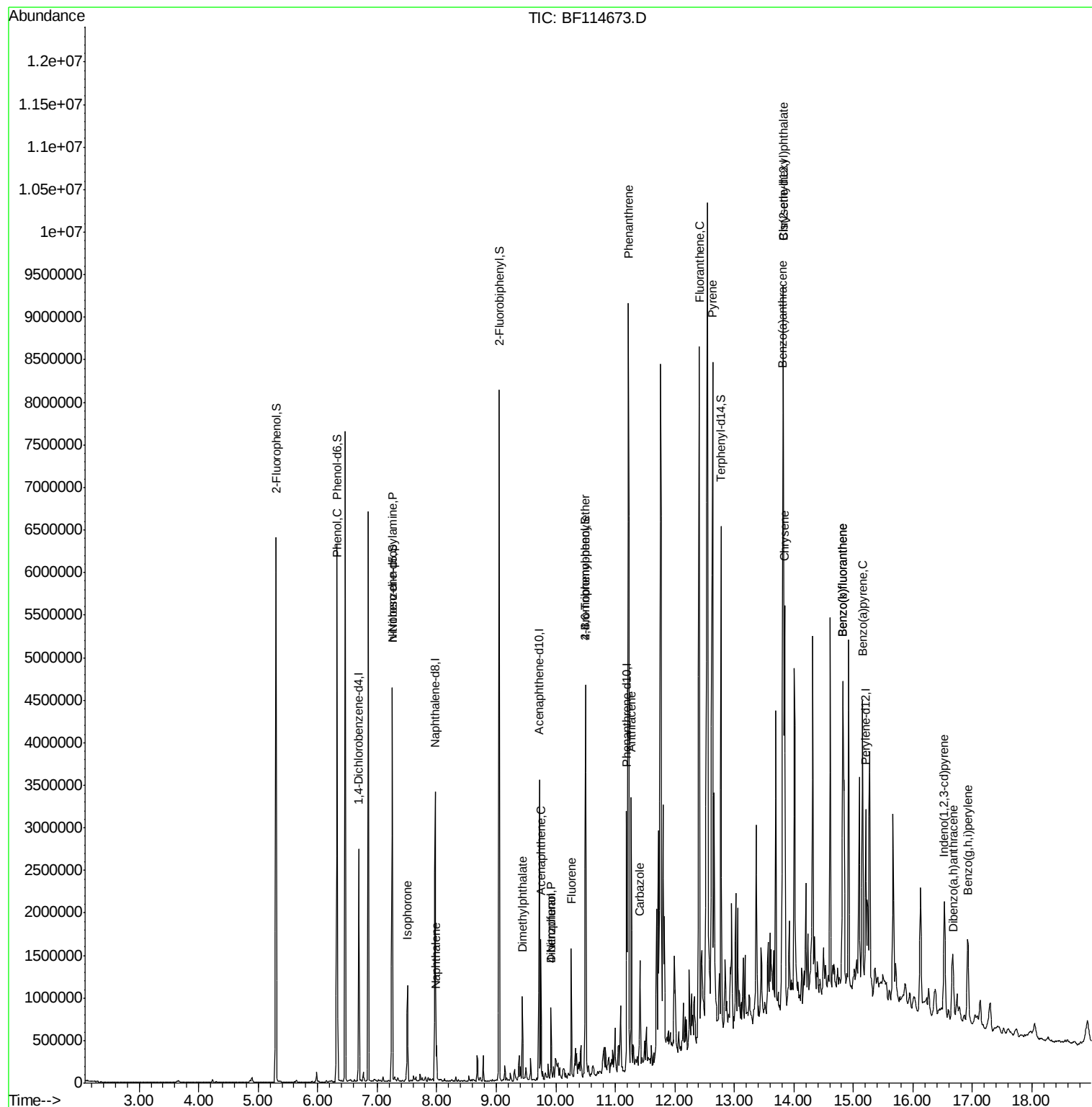
Target Compounds				Qvalue		
9) Benzaldehyde	6.23	77	2835	Below Cal		86
10) Phenol	6.34	94	87589	2.729 ng		89
19) n-Nitroso-di-n-propylamine	7.25	70	225039	12.269 ng	#	76
25) Isophorone	7.51	82	401195	8.723 ng		99
31) Naphthalene	7.99	128	211205	3.207 ng		96
50) Dimethylphthalate	9.44	163	345704	7.131 ng		99
52) Acenaphthene	9.75	154	316148	7.877 ng		99
55) Dibenzofuran	9.92	168	240948	4.217 ng		95
56) 4-Nitrophenol	9.92	139	91459	8.952 ng	#	17
58) Fluorene	10.26	166	371300	5.019 ng		100
67) 4-Bromophenyl-phenylether	10.50	248	33947	2.586 ng	#	1
69) Atrazine	10.89	200	190	Below Cal	#	36
71) Phenanthrene	11.22	178	3651750	58.473 ng		98
72) Anthracene	11.27	178	1093586	17.302 ng		98
73) Carbazole	11.42	167	453396	8.162 ng		97
74) Di-n-butylphthalate	11.77	149	68053	Below Cal	#	91
75) Fluoranthene	12.41	202	3395862	52.513 ng		98
78) Pyrene	12.63	202	3459499	60.761 ng		98
81) Benzo(a)anthracene	13.81	228	1920577	37.132 ng		100
83) Chrysene	13.84	228	1688319	34.165 ng		96
84) Bis(2-ethylhexyl)phthalate	13.83	149	2111171	59.679 ng		100
86) Indeno(1,2,3-cd)pyrene	16.53	276	845412	17.081 ng		95
88) Benzo(b)fluoranthene	14.82	252	2852949	49.296 ng		98
89) Benzo(k)fluoranthene	14.82	252	2852949	56.715 ng		98
90) Benzo(a)pyrene	15.16	252	1680039	33.044 ng		99
91) Dibenzo(a,h)anthracene	16.69	278	197002	4.385 ng		95
92) Benzo(g,h,i)perylene	16.92	276	744414	17.072 ng		99

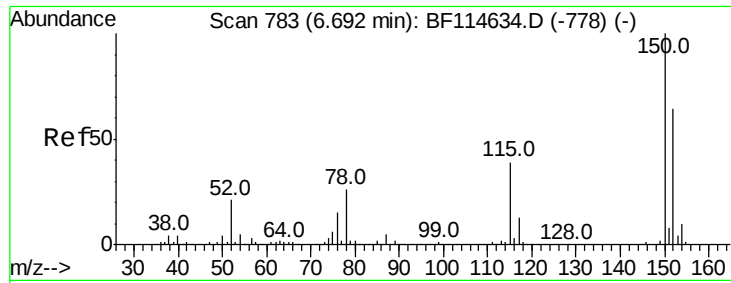
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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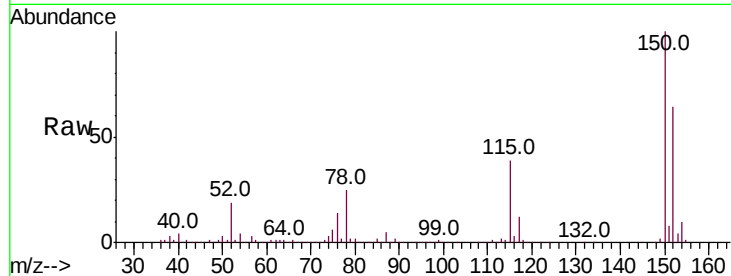


#1

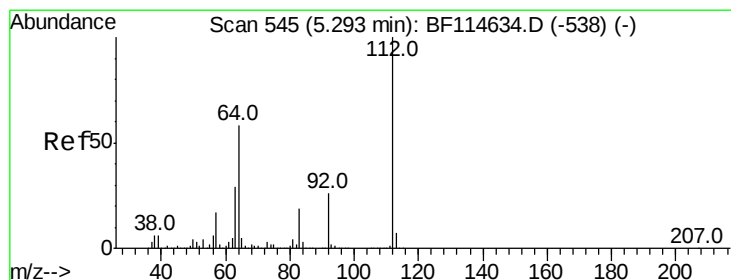
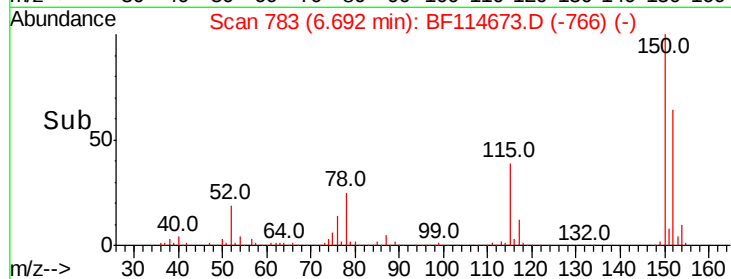
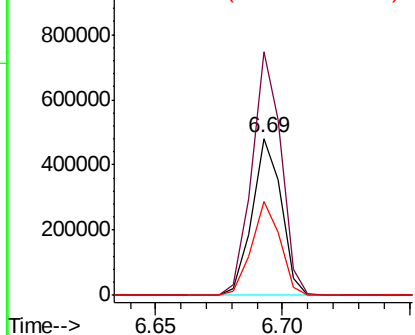
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 387148
Ion Ratio Lower Upper
152 100
150 155.5 124.4 186.6
115 60.1 48.7 73.1



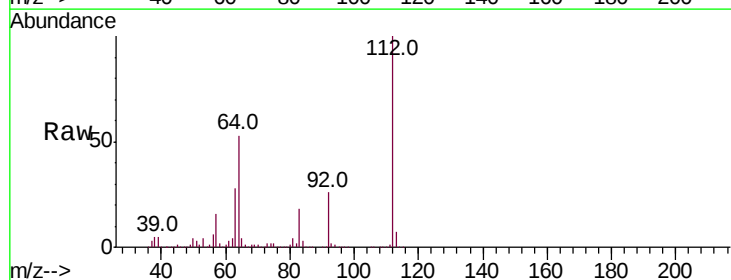
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



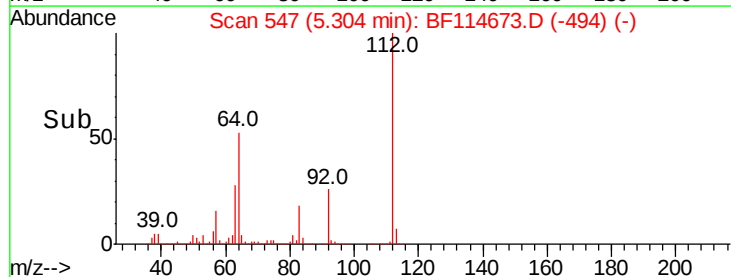
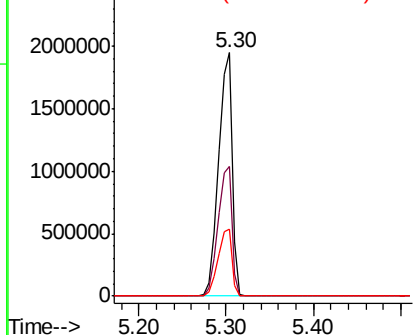
#5

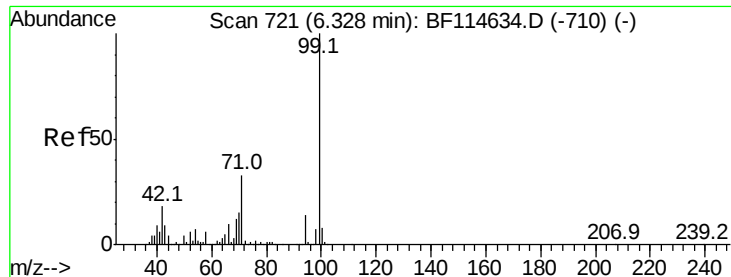
2-Fluorophenol
Concen: 96.092 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

Tgt Ion:112 Resp: 2118901
Ion Ratio Lower Upper
112 100
64 53.5 46.1 69.1
63 27.6 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 100.078 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

Instrument :

BNA_F

ClientSampleId :

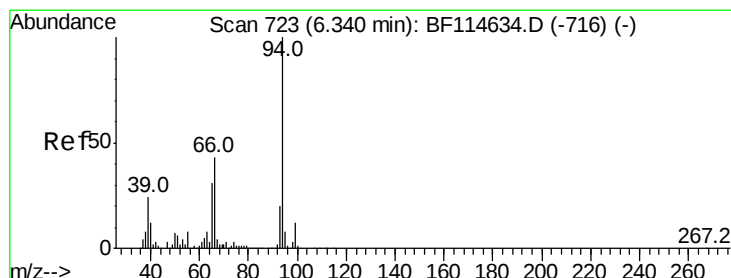
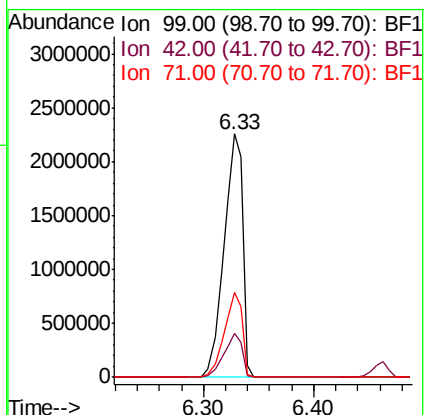
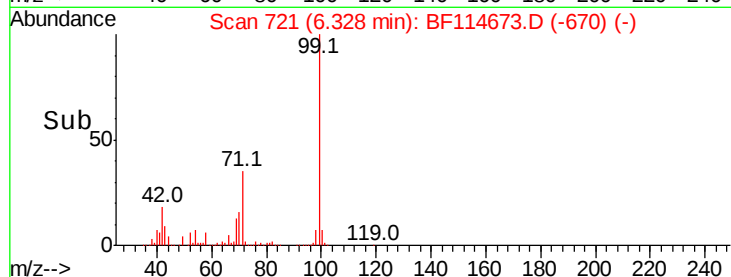
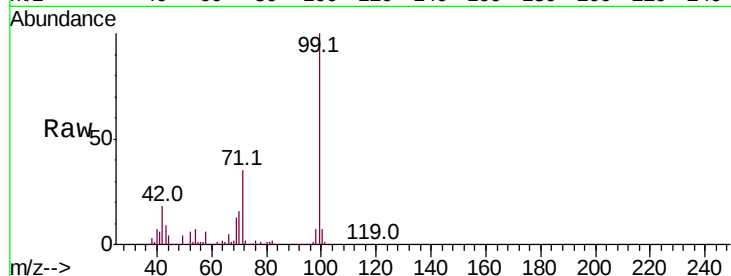
Tot Ion: 99 Resp: 2659274

Ion Ratio Lower Upper

99 100

42 18.0 14.7 22.1

71 34.8 26.6 40.0



#10

Phenol

Concen: 2.729 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

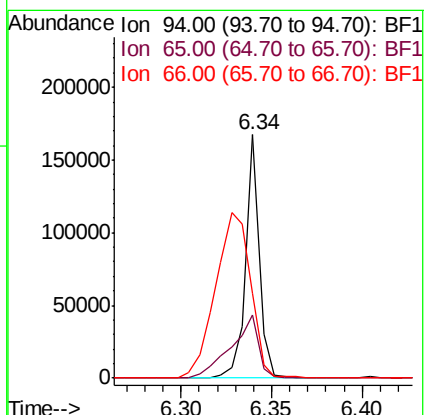
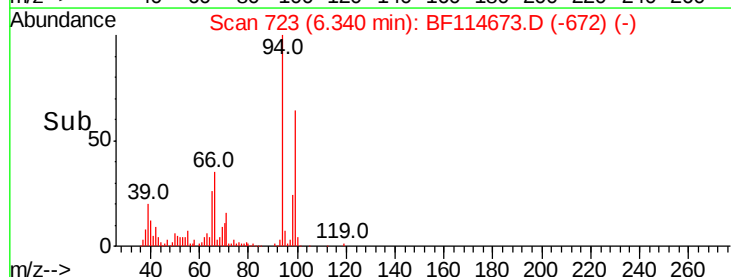
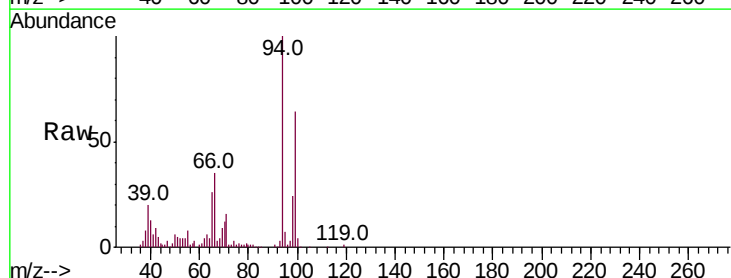
Tgt Ion: 94 Resp: 87589

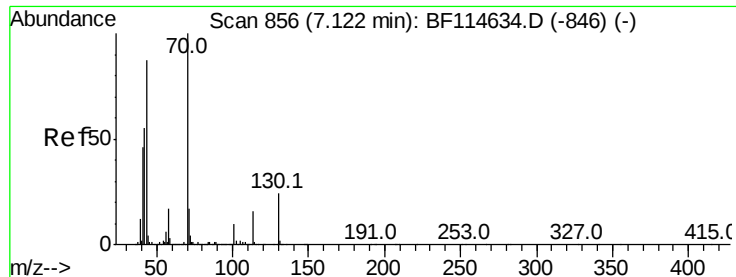
Ion Ratio Lower Upper

94 100

65 26.1 11.0 51.0

66 34.8 23.0 63.0





#19

n-Nitroso-di-n-propylamine

Concen: 12.269 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114673.D

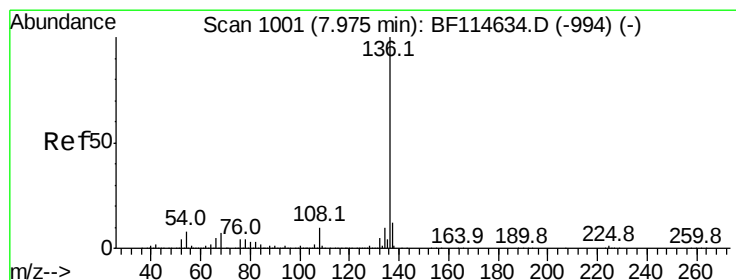
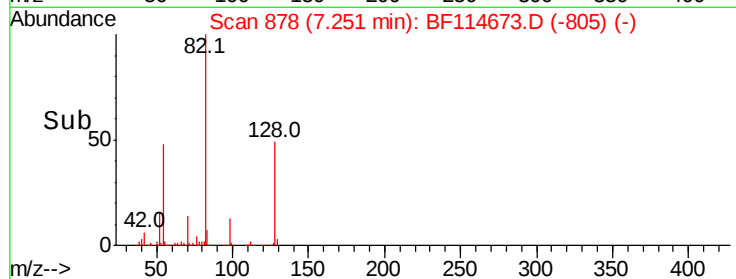
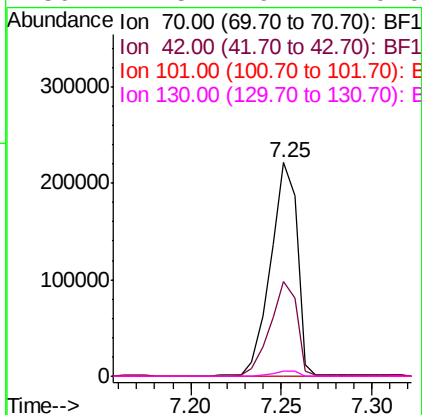
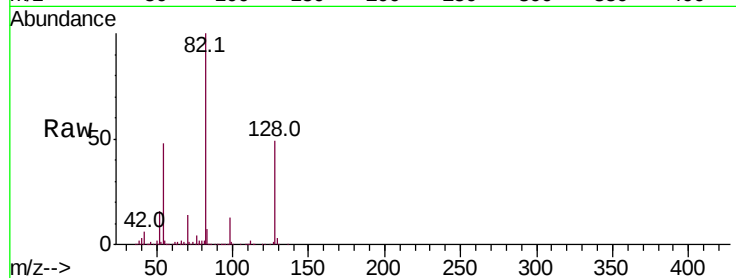
Acq: 30 May 2019 21:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	225039
Ion	Ratio	Lower	Upper
70	100		
42	44.7	44.4	66.6
101	0.0	8.2	12.4#
130	2.5	19.4	29.0#



#21

Naphthalene-d8

Concen: 20.000 ng

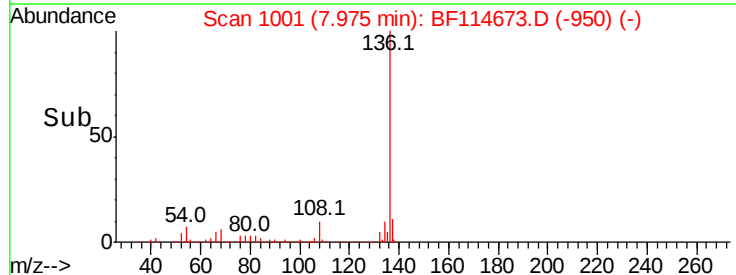
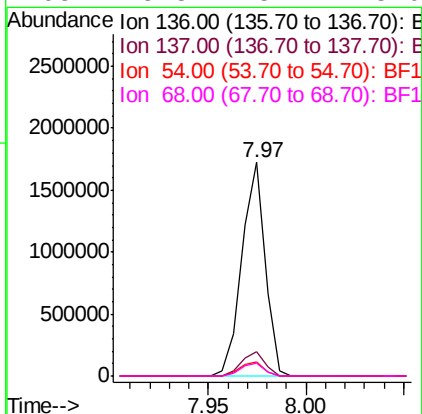
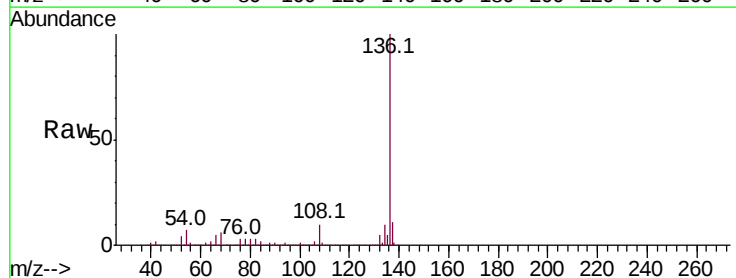
RT: 7.97 min Scan# 1001

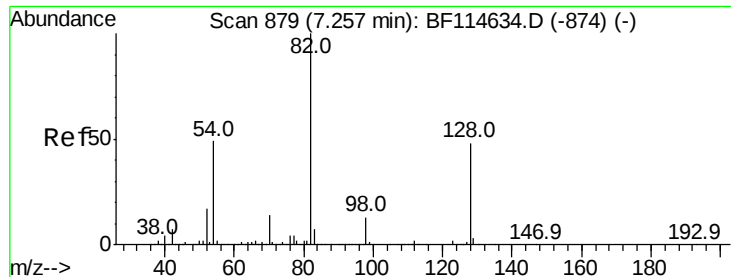
Delta R.T. -0.00 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

Tgt Ion:	136	Resp:	1429854
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.7	6.3	9.5
68	5.8	5.4	8.0

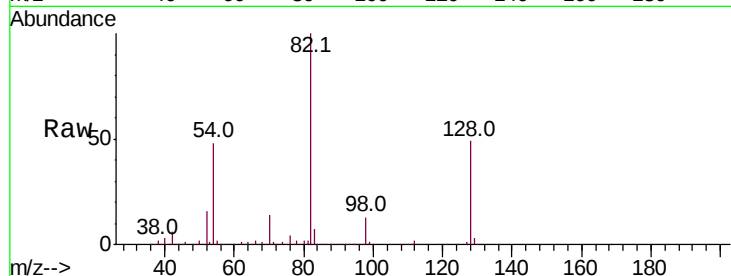




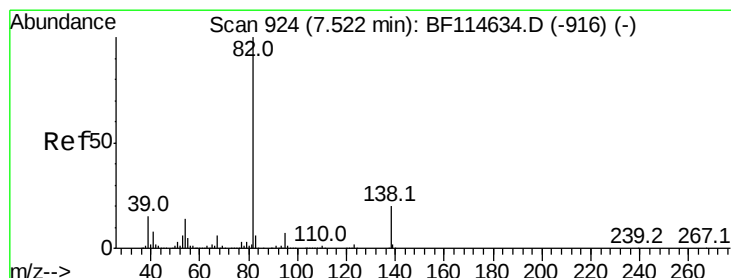
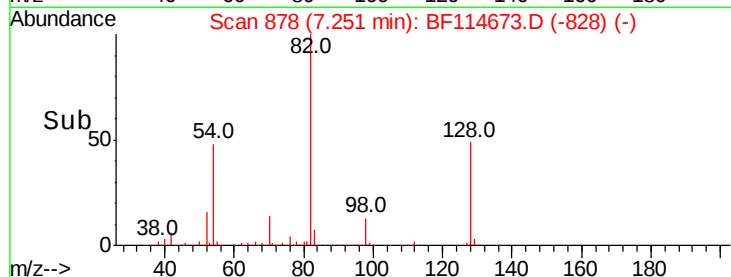
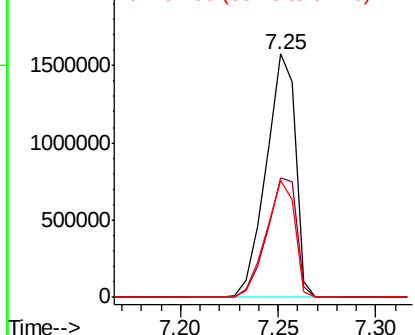
#23
Nitrobenzene-d5
Concen: 71.631 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1641664
Ion Ratio Lower Upper
82 100
128 49.3 38.5 57.7
54 48.1 39.1 58.7

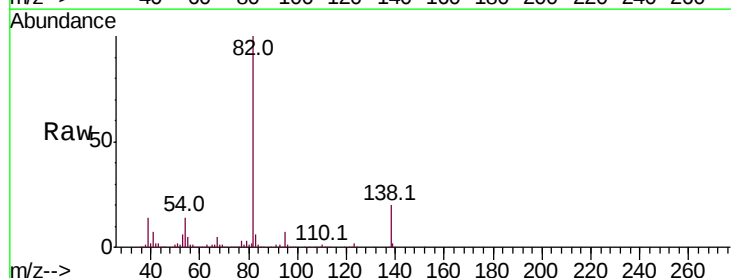


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

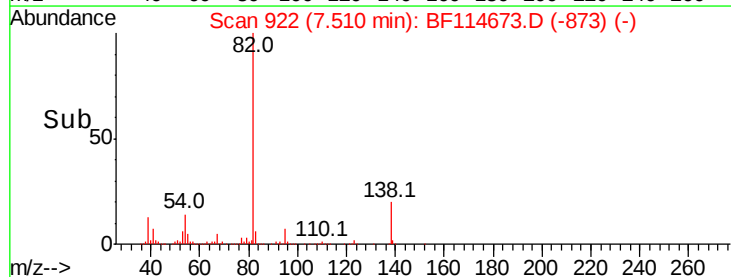
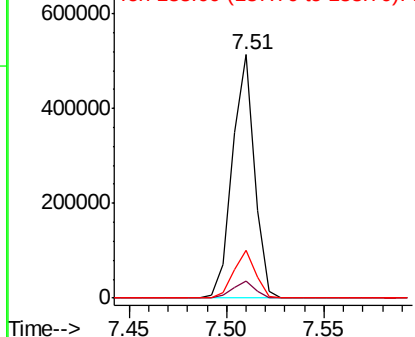


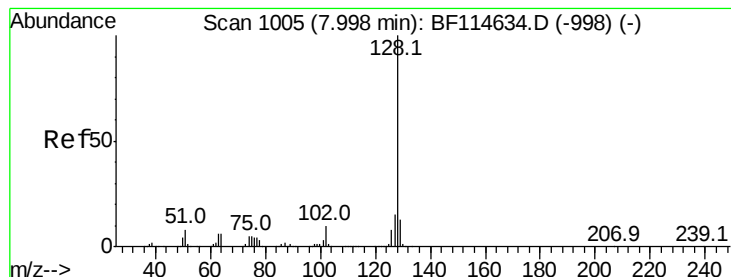
#25
Isophorone
Concen: 8.723 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

Tgt Ion: 82 Resp: 401195
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 19.6 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 3.207 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

Instrument :

BNA_F

ClientSampleId :

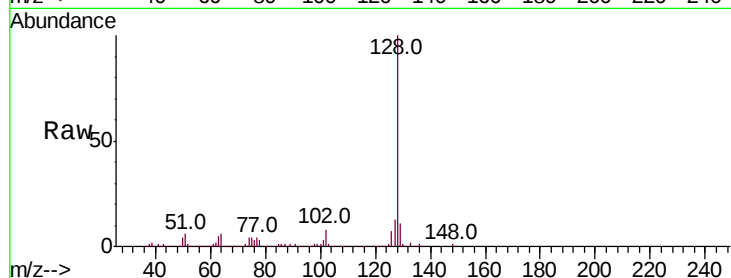
Tot Ion:128 Resp: 211205

Ion Ratio Lower Upper

128 100

129 11.0 10.2 15.2

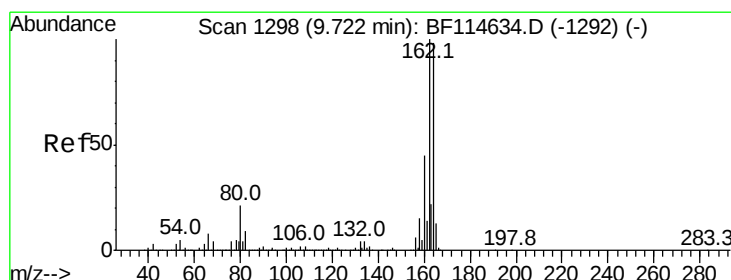
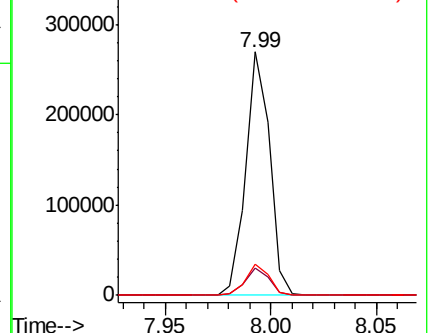
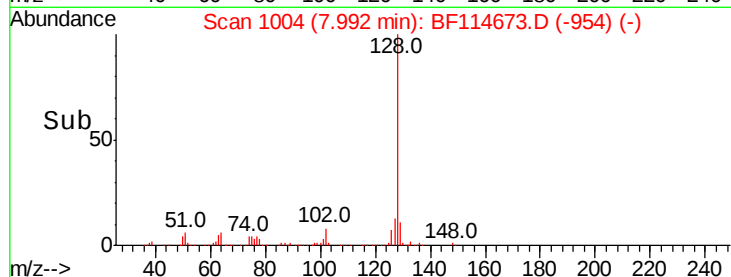
127 13.0 11.9 17.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

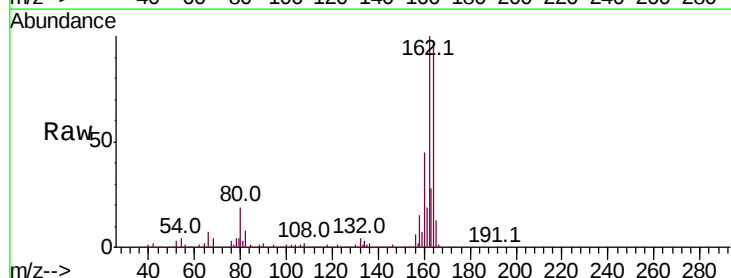
Tgt Ion:164 Resp: 695705

Ion Ratio Lower Upper

164 100

162 103.2 81.4 122.2

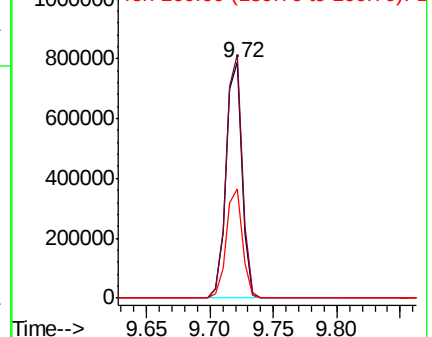
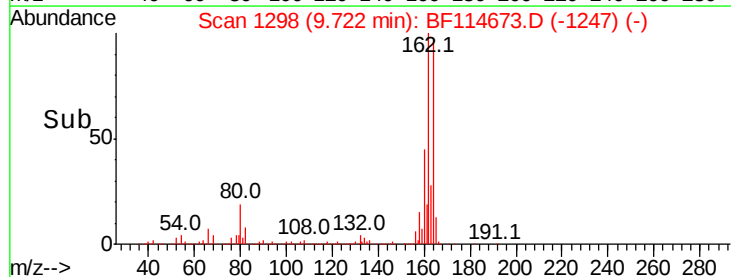
160 46.3 36.6 54.8

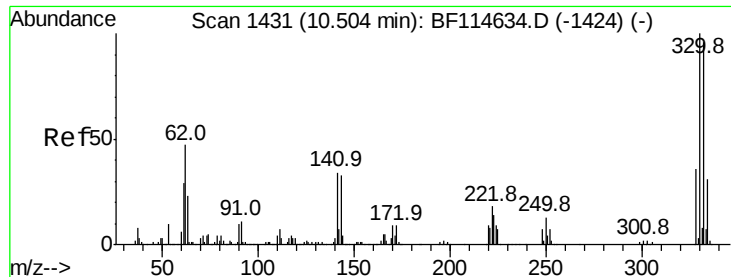


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

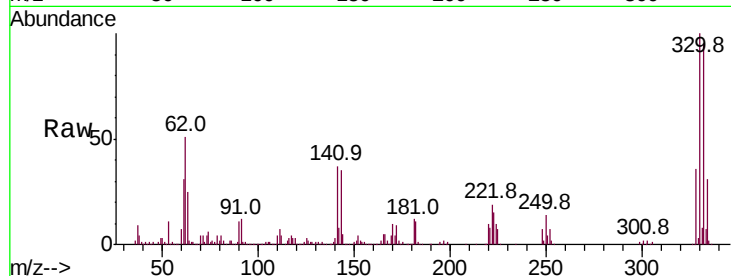




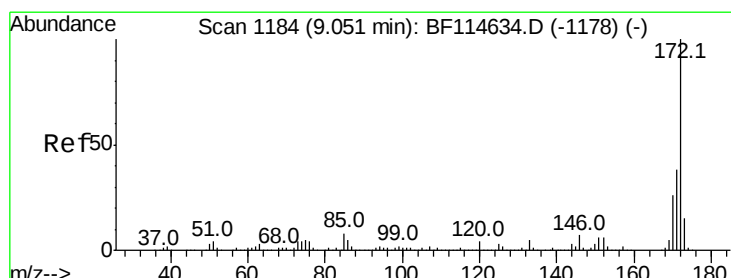
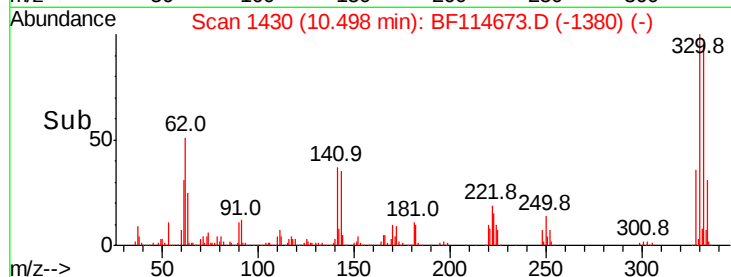
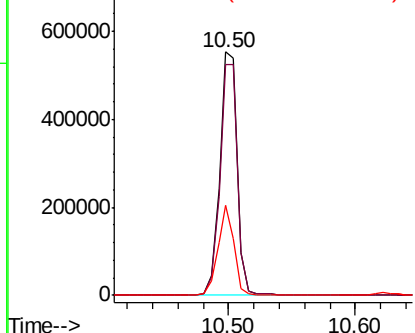
#42
 2,4,6-Tribromophenol
 Concen: 80.613 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF114673.D
 Acq: 30 May 2019 21:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.8	113.8
141	34.3	27.8	41.8

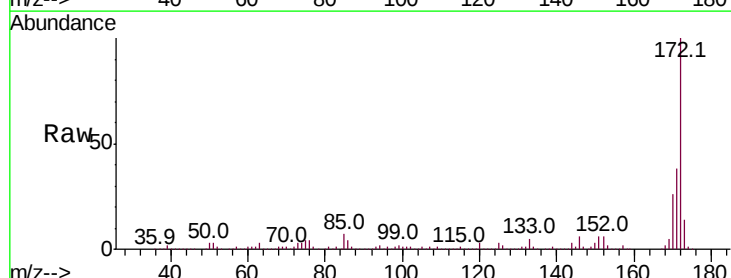


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

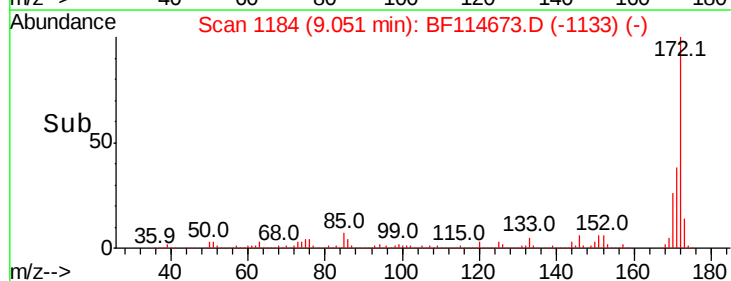
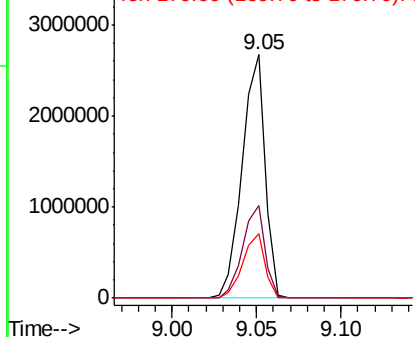


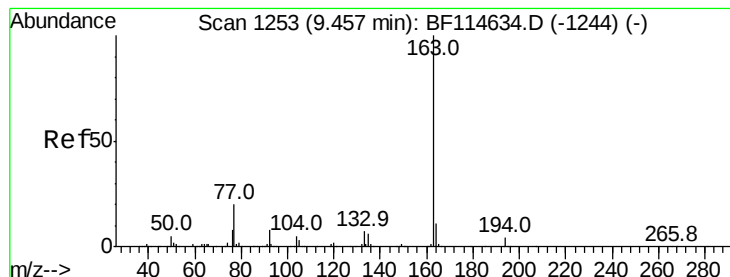
#45
 2-Fluorobiphenyl
 Concen: 65.005 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114673.D
 Acq: 30 May 2019 21:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.6	45.8
170	26.3	20.7	31.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.131 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

Instrument :

BNA_F

ClientSampleId :

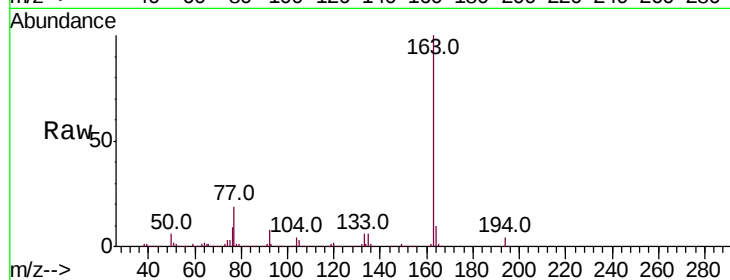
Tot Ion:163 Resp: 345704

Ion Ratio Lower Upper

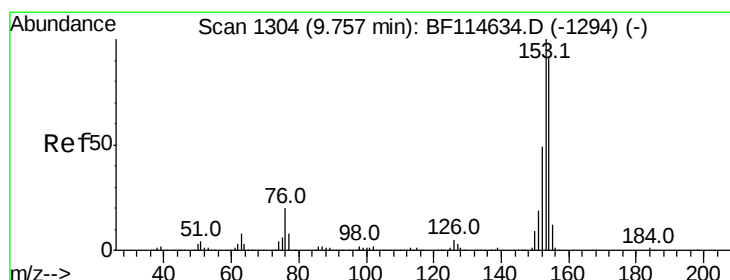
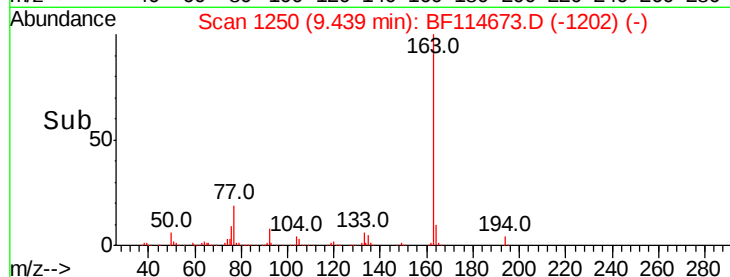
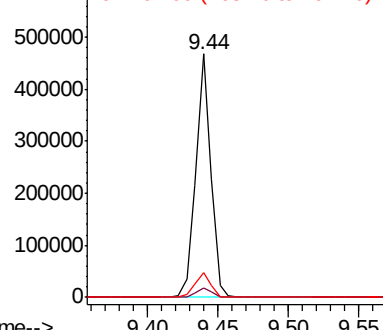
163 100

194 3.7 3.4 5.0

164 10.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#52

Acenaphthene

Concen: 7.877 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

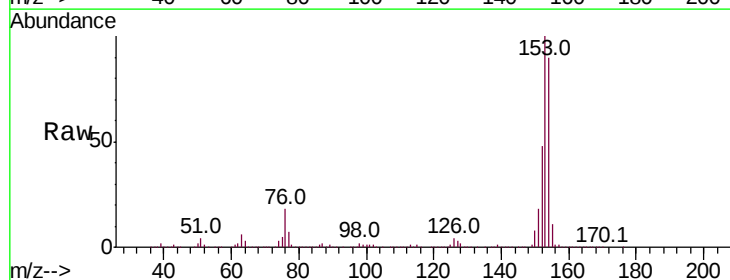
Tgt Ion:154 Resp: 316148

Ion Ratio Lower Upper

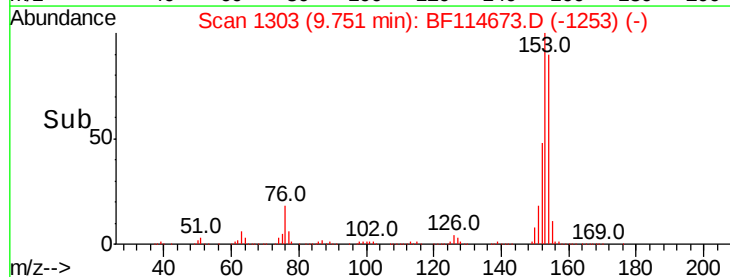
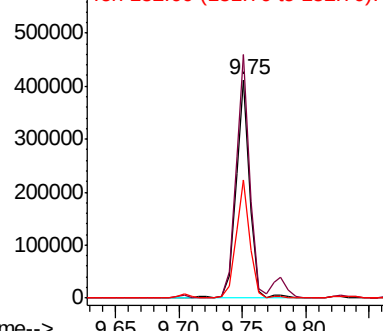
154 100

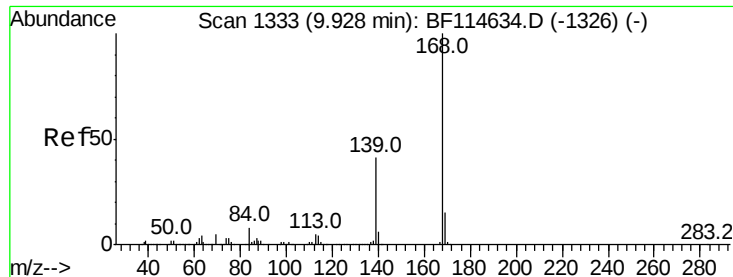
153 111.5 88.4 132.6

152 54.0 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

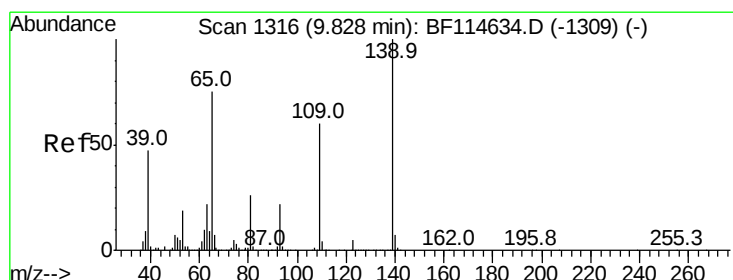
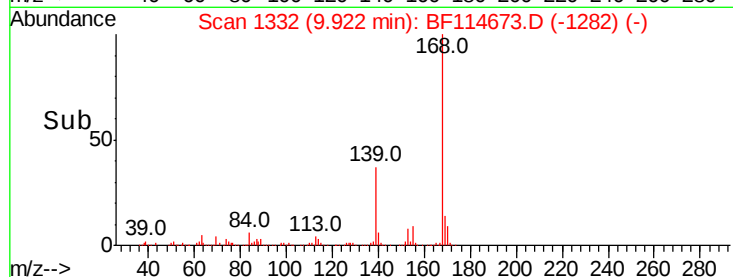
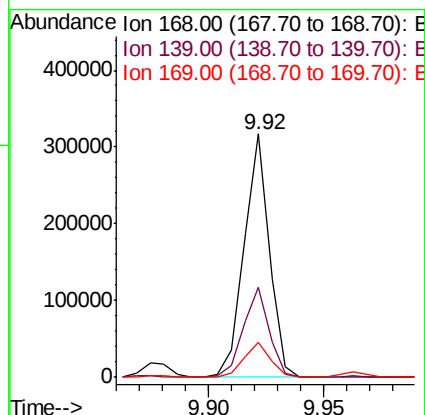
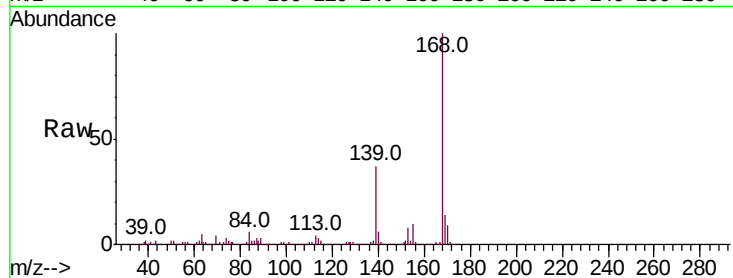




#55
Dibenzenofuran
Concen: 4.217 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

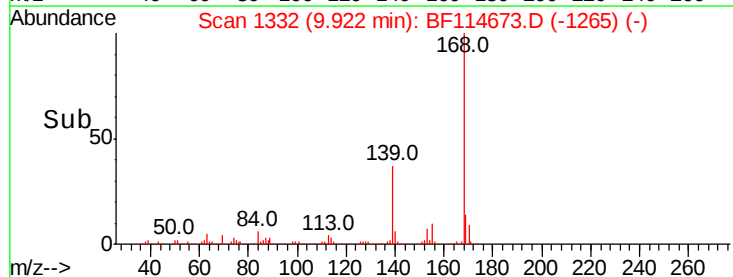
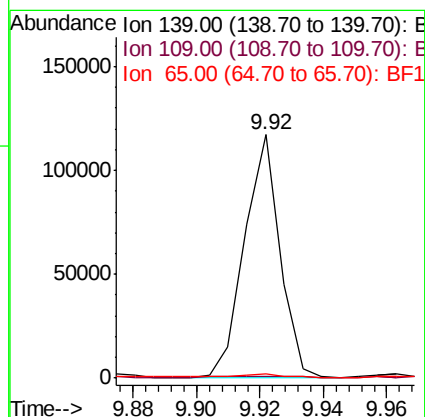
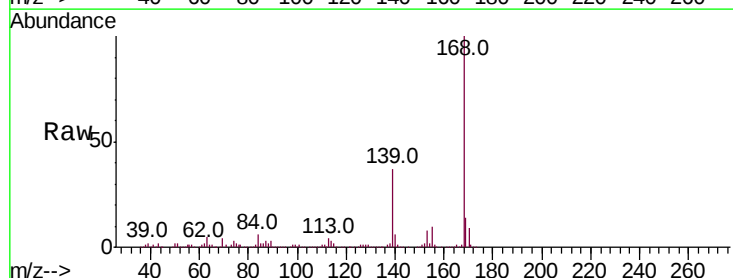
Instrument :
BNA_F
ClientSampleId :

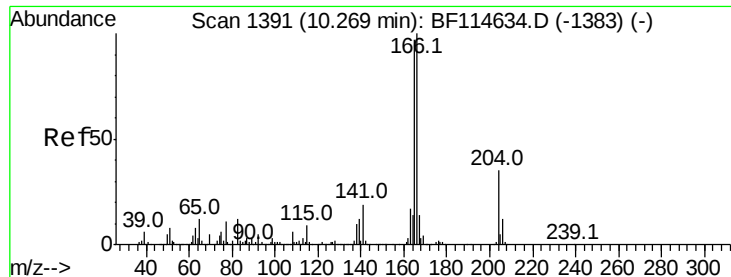
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	32.6	48.8
169	14.4	11.8	17.8



#56
4-Nitrophenol
Concen: 8.952 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.09 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.9	40.4	80.4#
65	1.7	54.7	94.7#

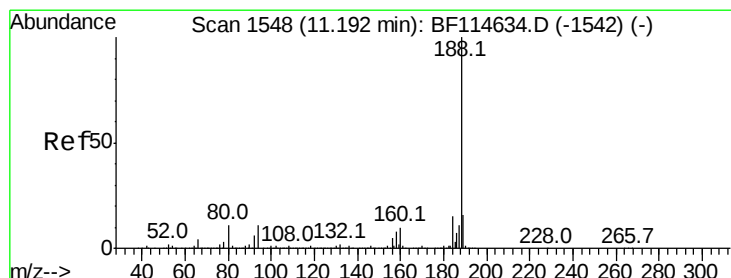
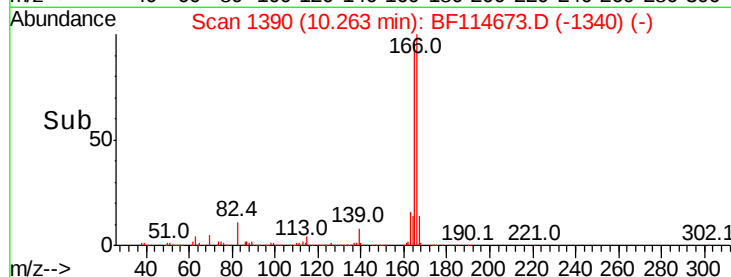
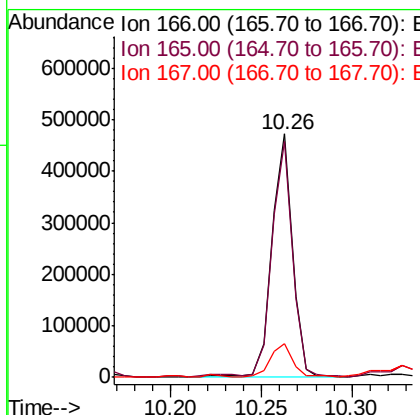
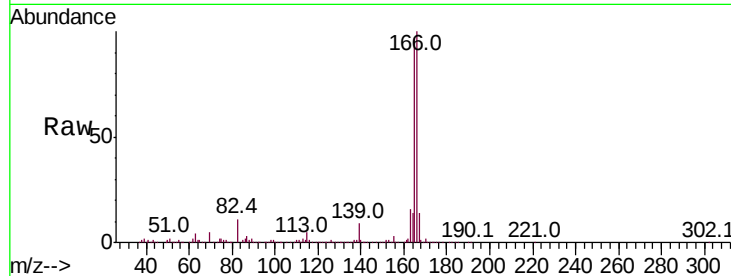




#58
 Fluorene
 Concen: 5.019 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF114673.D
 Acq: 30 May 2019 21:15

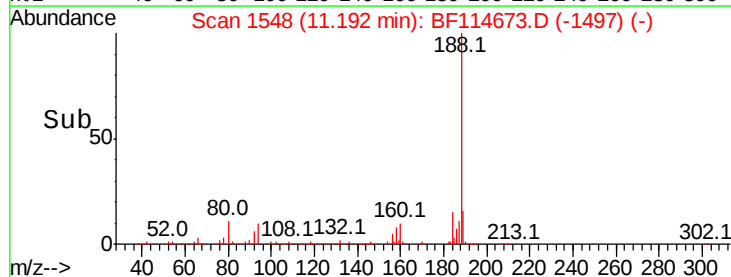
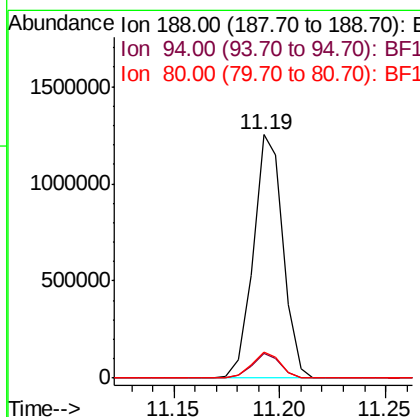
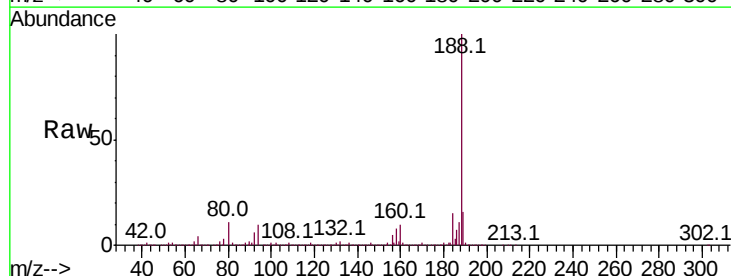
Instrument :
 BNA_F
 ClientSampleId :

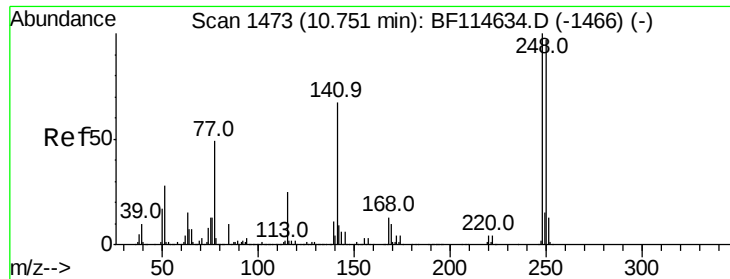
Tot Ion:166 Resp: 371300
 Ion Ratio Lower Upper
 166 100
 165 96.7 77.6 116.4
 167 14.0 11.2 16.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF114673.D
 Acq: 30 May 2019 21:15

Tgt Ion:188 Resp: 1224266
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.6 13.0
 80 10.9 9.0 13.6

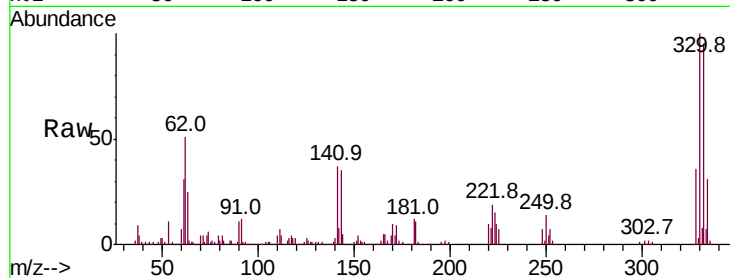




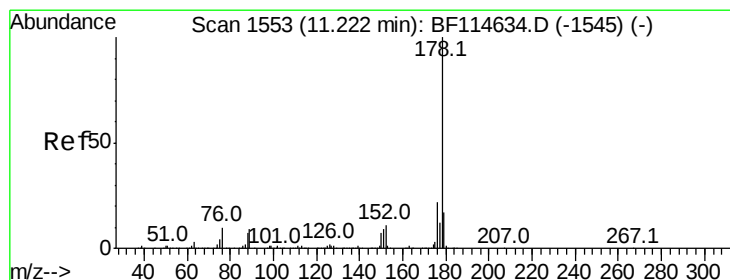
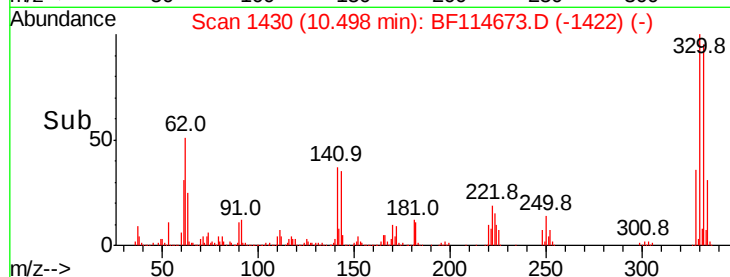
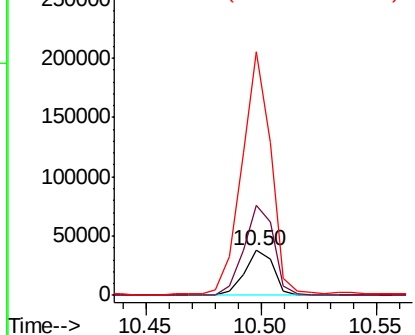
#67
4-Bromophenyl-phenylether
Concen: 2.586 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 33947
Ion Ratio Lower Upper
248 100
250 199.8 78.0 117.0#
141 539.3 53.8 80.8#

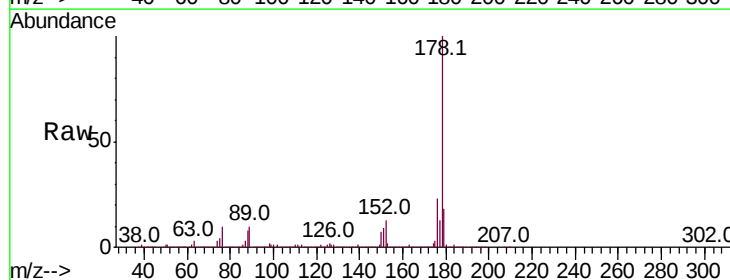


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

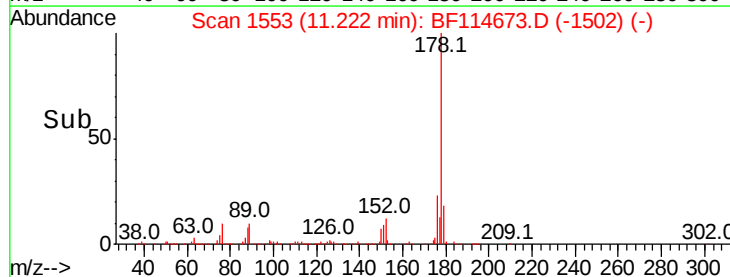
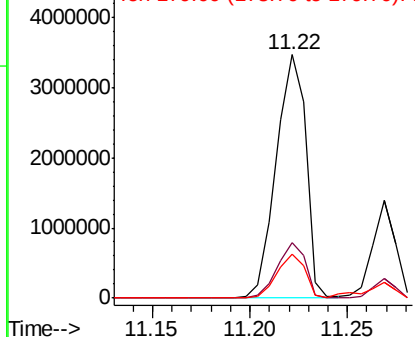


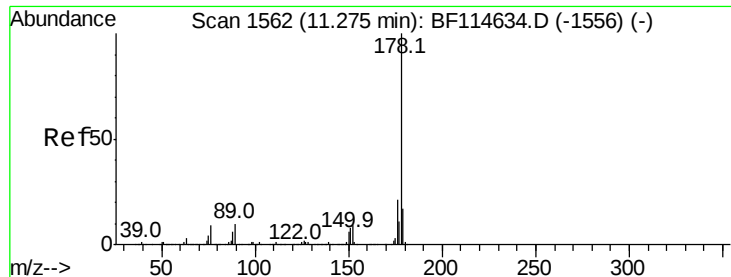
#71
Phenanthrene
Concen: 58.473 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

Tgt Ion:178 Resp: 3651750
Ion Ratio Lower Upper
178 100
176 22.6 17.2 25.8
179 18.1 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 17.302 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

Instrument :

BNA_F

ClientSampleId :

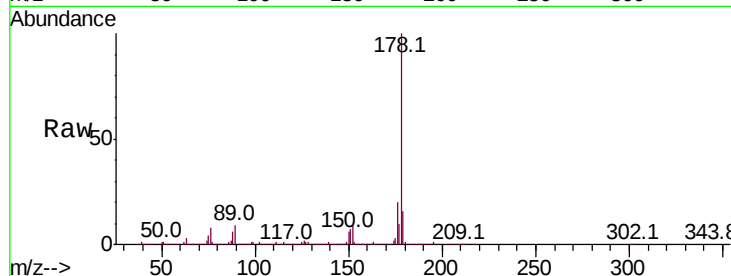
Tot Ion:178 Resp: 1093586

Ion Ratio Lower Upper

178 100

176 19.5 16.6 24.8

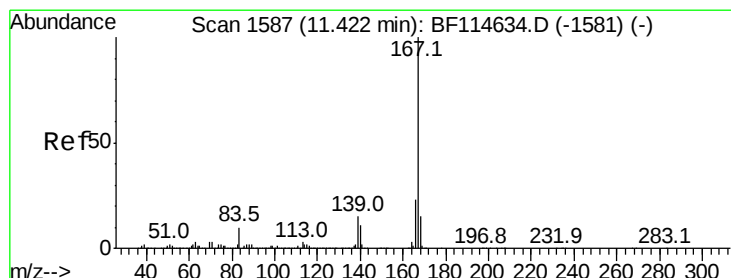
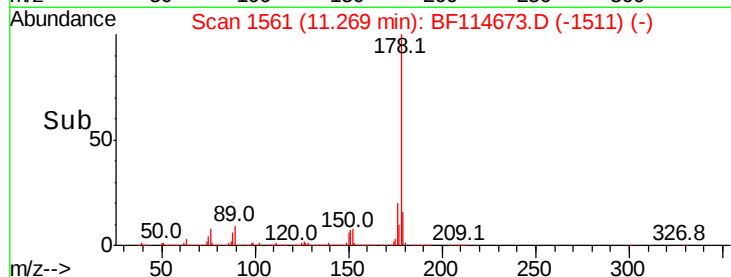
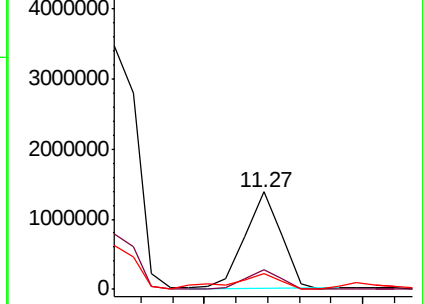
179 15.7 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 8.162 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

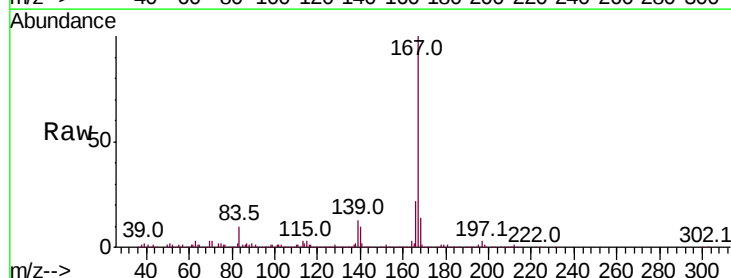
Tgt Ion:167 Resp: 453396

Ion Ratio Lower Upper

167 100

166 21.8 18.7 28.1

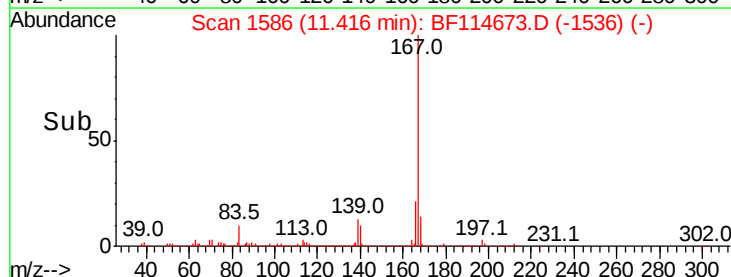
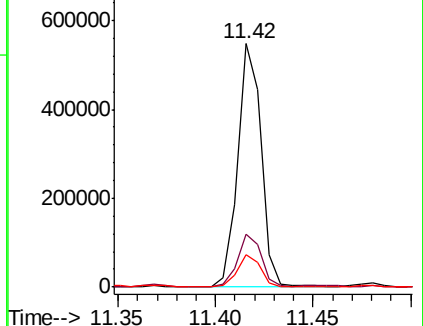
139 13.2 11.8 17.8

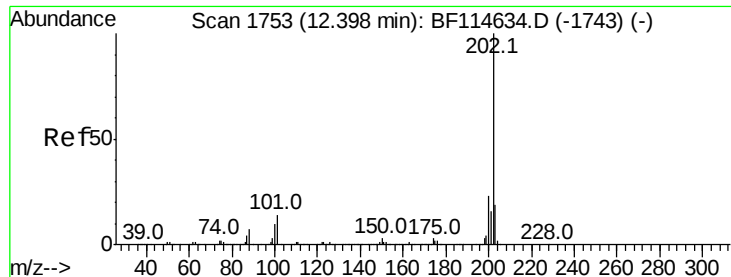


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

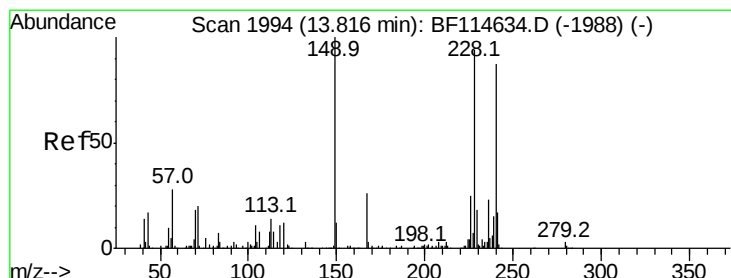
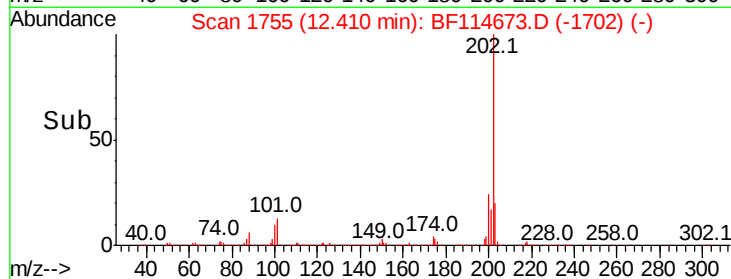
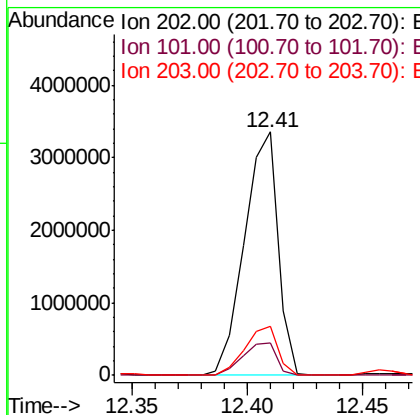
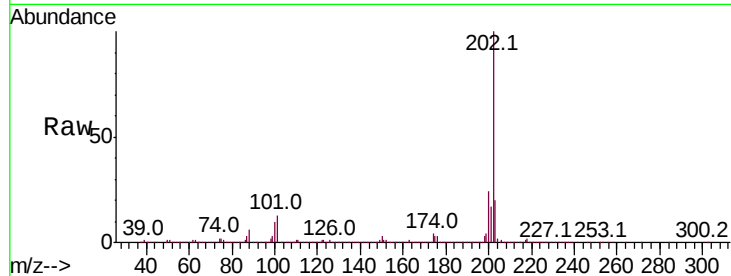




#75
Fluoranthene
Concen: 52.513 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.01 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

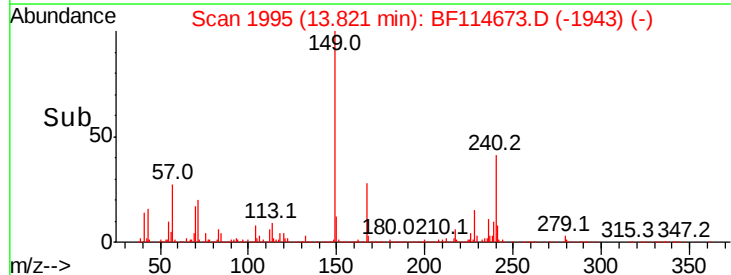
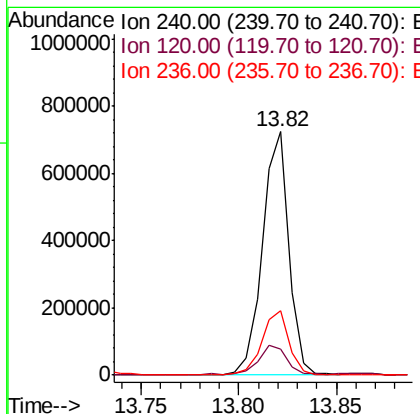
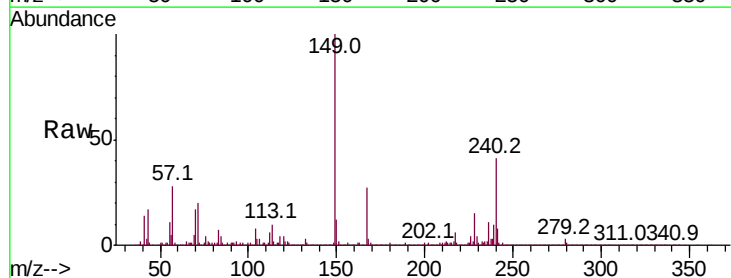
Instrument :
BNA_F
ClientSampled :

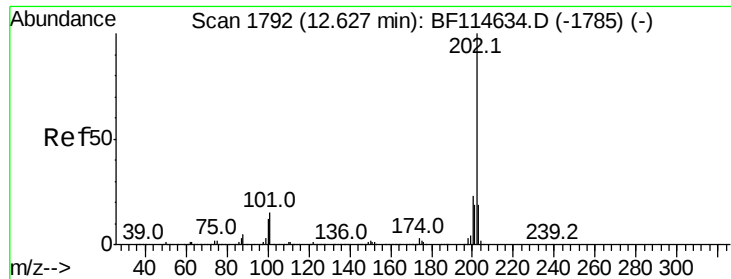
Tot Ion:202 Resp: 3395862
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.9
203 20.2 0.0 39.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

Tgt Ion:240 Resp: 673070
Ion Ratio Lower Upper
240 100
120 10.7 11.2 16.8#
236 26.5 21.2 31.8

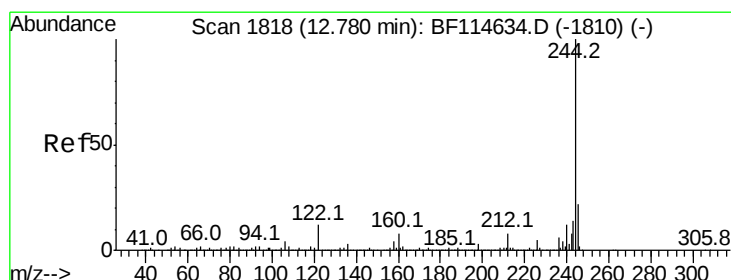
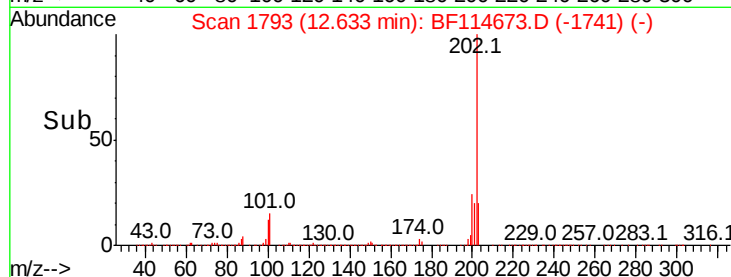
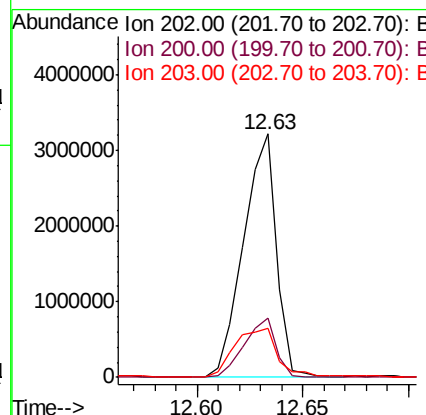
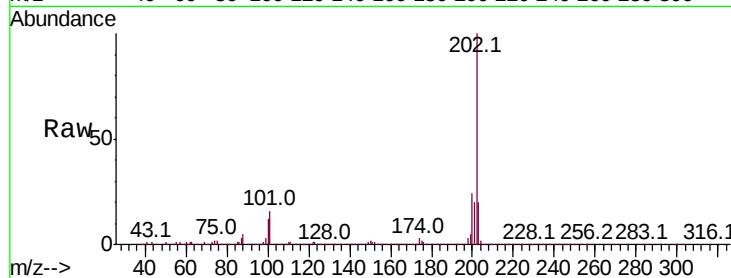




#78
Pvrene
Concen: 60.761 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

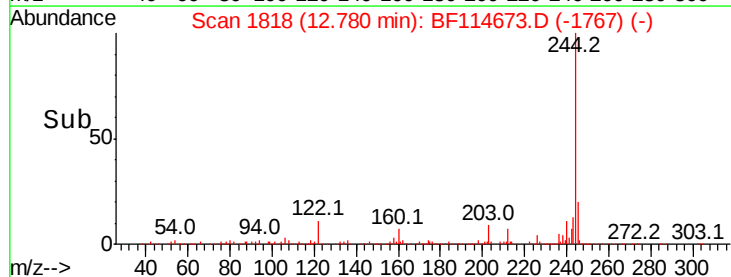
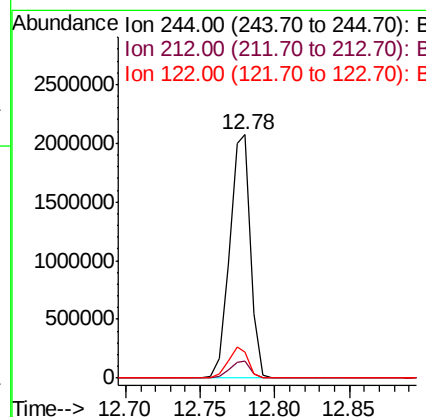
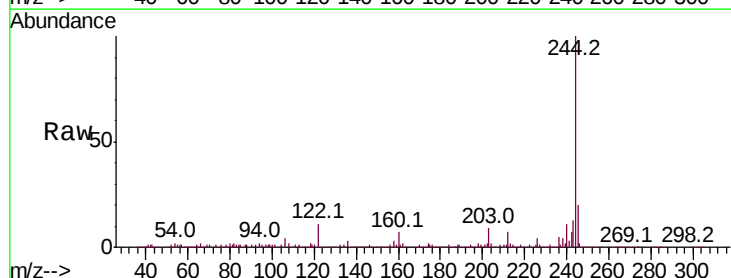
Instrument :
BNA_F
ClientSampleId :

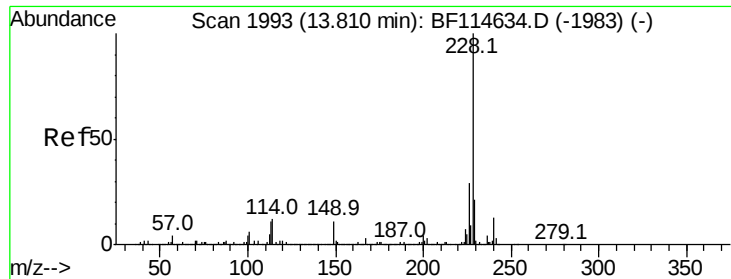
Tot Ion:202 Resp: 3459499
Ion Ratio Lower Upper
202 100
200 24.4 18.6 28.0
203 20.3 15.4 23.2



#79
Terphenyl-d14
Concen: 57.094 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

Tgt Ion:244 Resp: 2043886
Ion Ratio Lower Upper
244 100
212 6.8 6.1 9.1
122 10.9 9.8 14.8





#81

Benzo(a)anthracene

Concen: 37.132 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

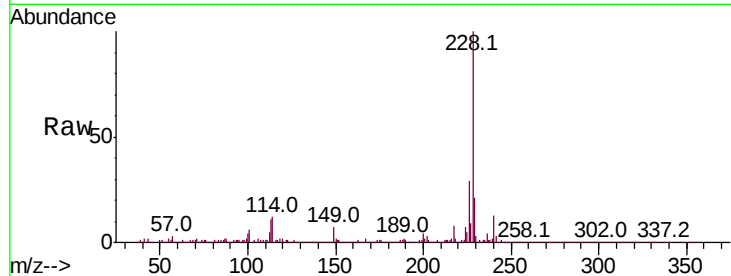
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1920577

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	21.3	17.0	25.4

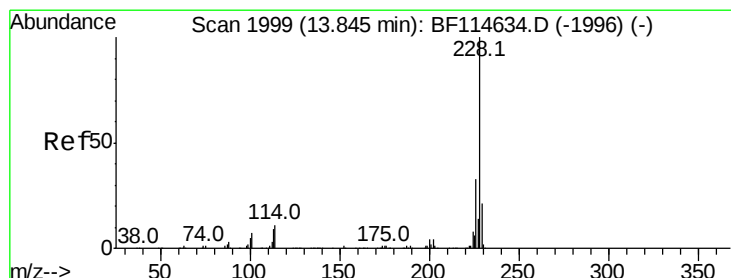
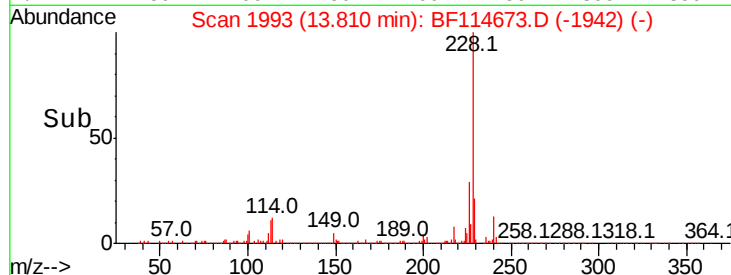
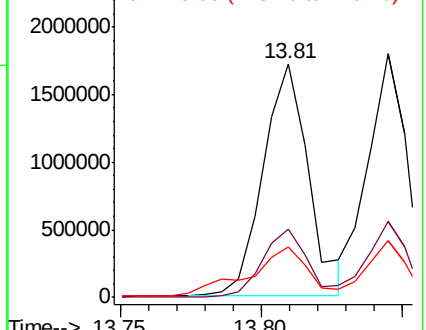


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 34.165 ng

RT: 13.84 min Scan# 1999

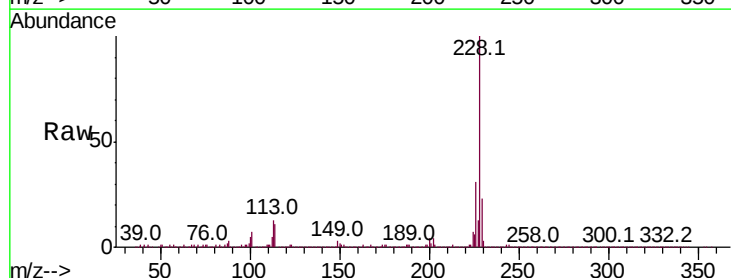
Delta R.T. -0.00 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

Tgt Ion:228 Resp: 1688319

Ion	Ratio	Lower	Upper
228	100		
226	31.0	26.4	39.6
229	23.1	17.1	25.7

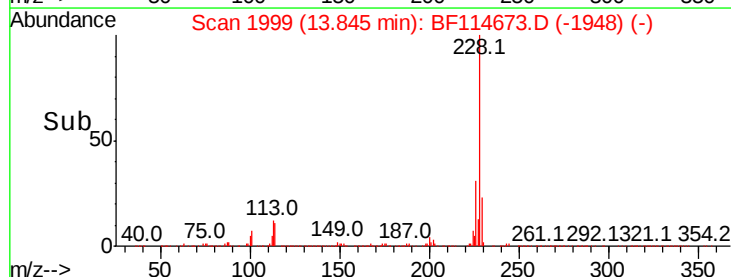
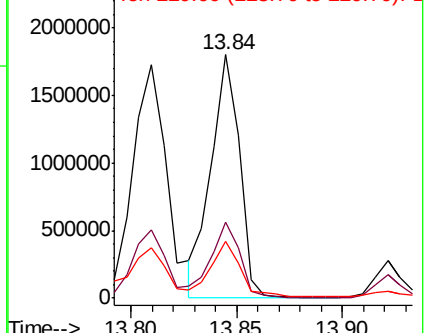


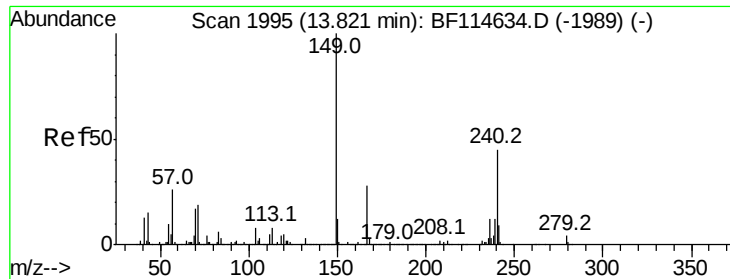
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 59.679 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

Instrument :

BNA_F

ClientSampleId :

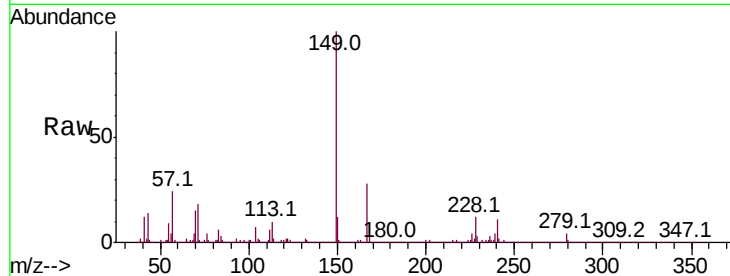
Tot Ion:149 Resp: 2111171

Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

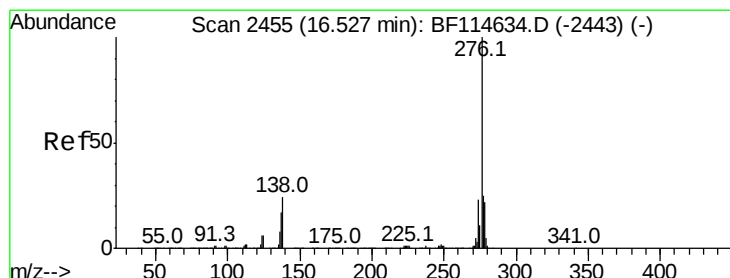
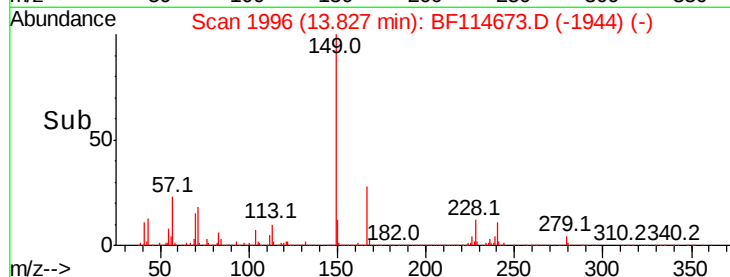
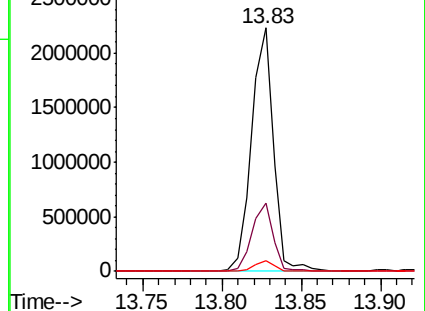
279 4.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 17.081 ng

RT: 16.53 min Scan# 2455

Delta R.T. 0.00 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

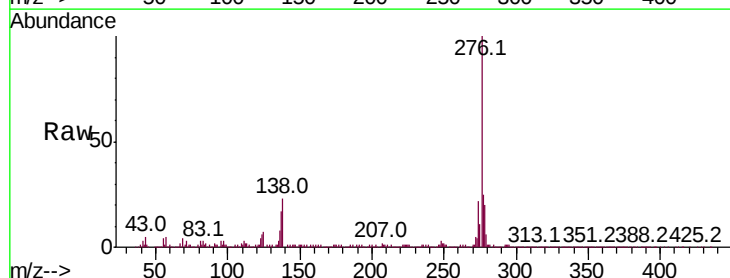
Tgt Ion:276 Resp: 845412

Ion Ratio Lower Upper

276 100

138 25.5 23.0 34.6

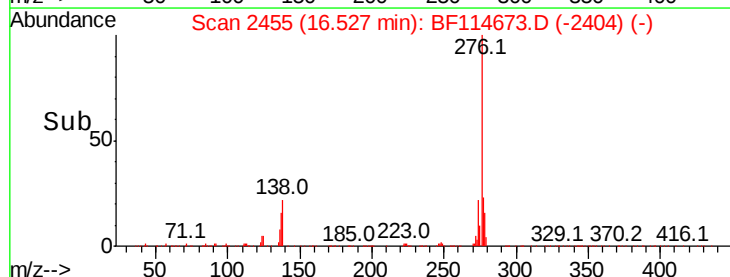
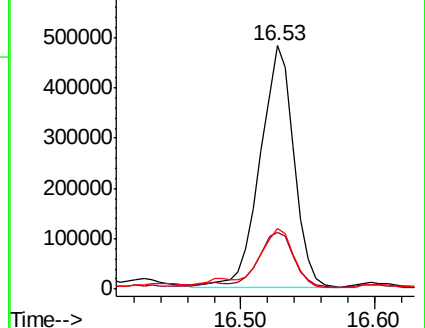
277 24.0 20.5 30.7

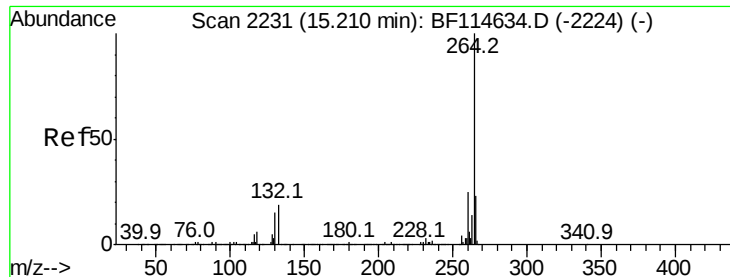


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



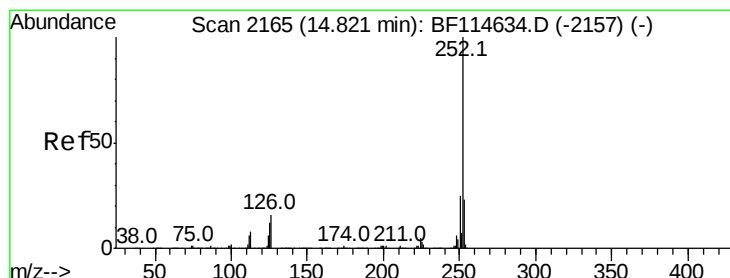
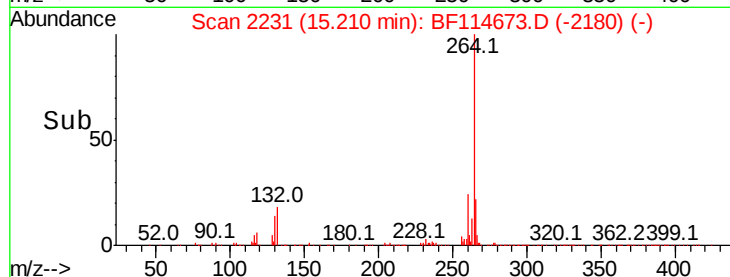
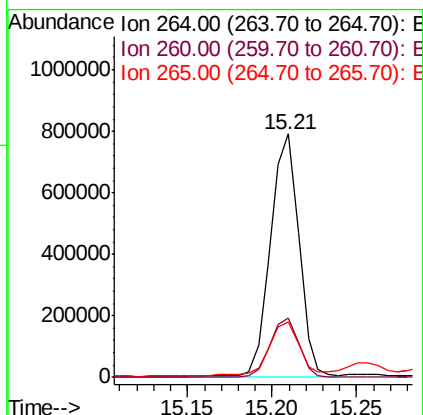
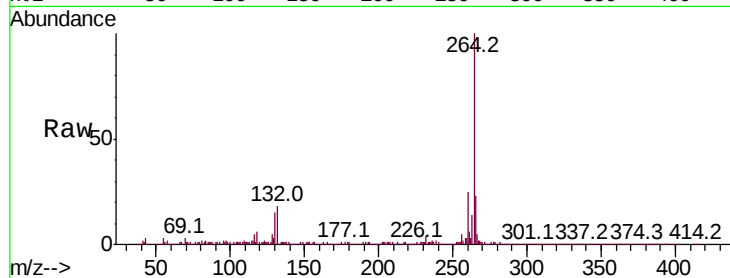


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 918876

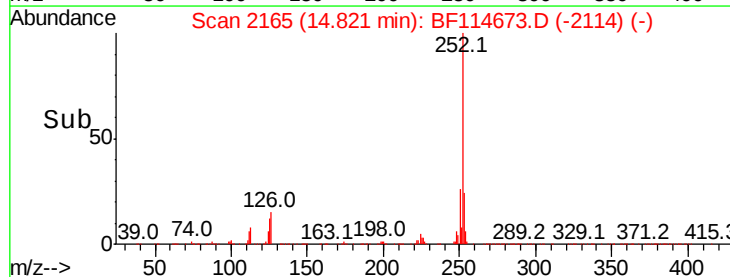
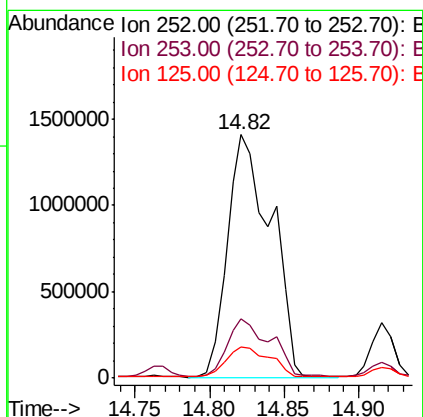
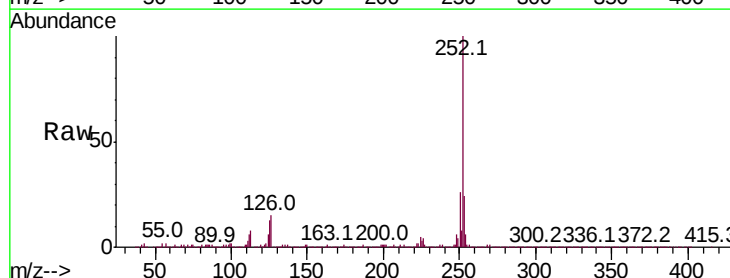
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.6	18.1	27.1

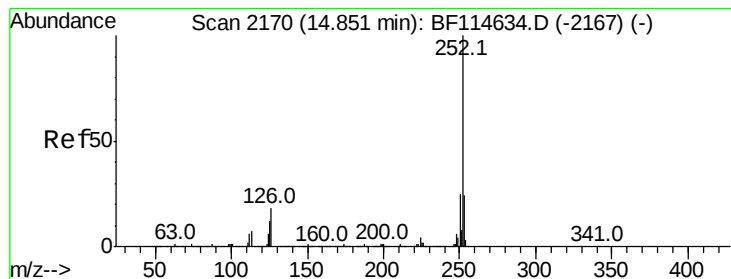


#88
Benzo(b)fluoranthene
Concen: 49.296 ng
RT: 14.82 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BF114673.D
Acq: 30 May 2019 21:15

Tgt Ion:252 Resp: 2852949

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.7	28.1
125	13.0	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 56.715 ng

RT: 14.82 min Scan# 2165

Delta R.T. -0.03 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

Instrument :

BNA_F

ClientSampleId :

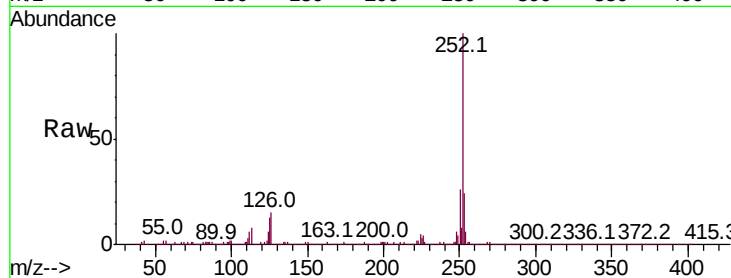
Tot Ion:252 Resp: 2852949

Ion Ratio Lower Upper

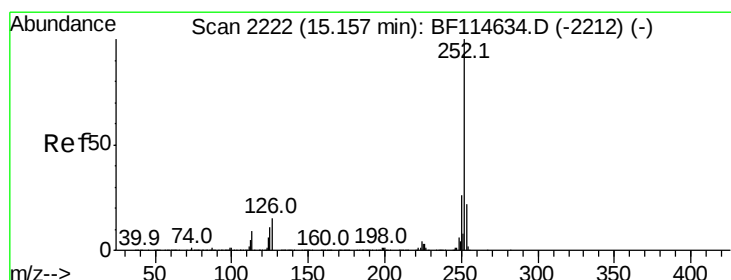
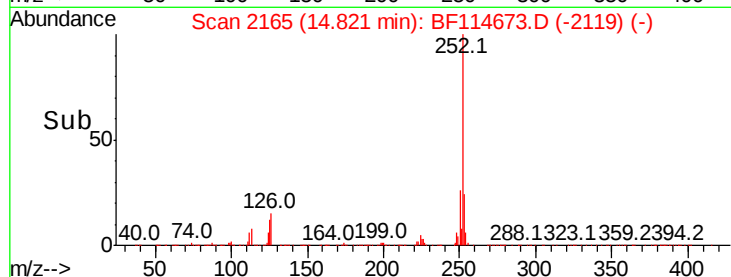
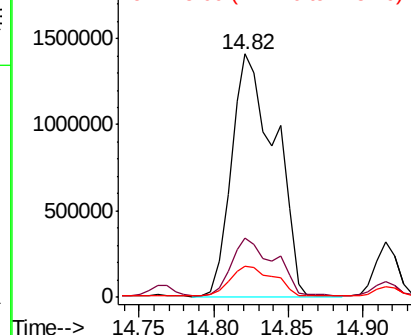
252 100

253 24.2 18.9 28.3

125 13.0 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 33.044 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

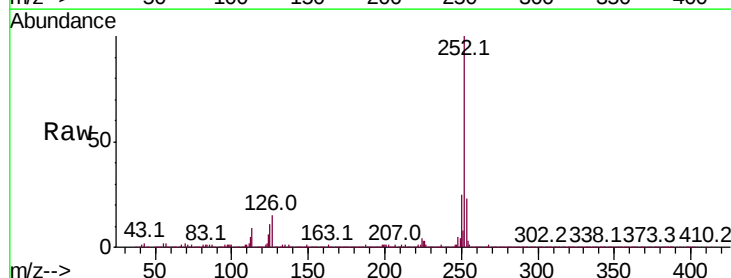
Tgt Ion:252 Resp: 1680039

Ion Ratio Lower Upper

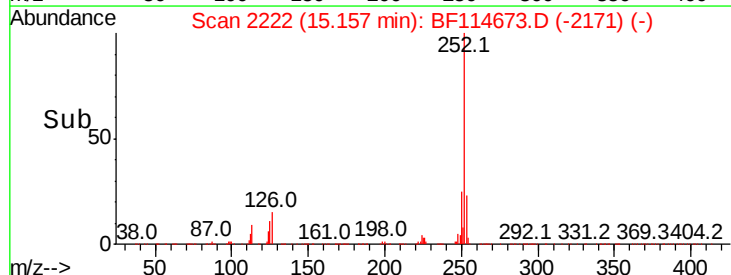
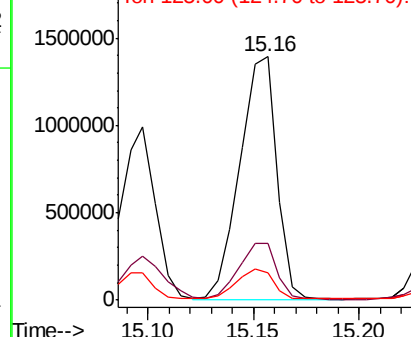
252 100

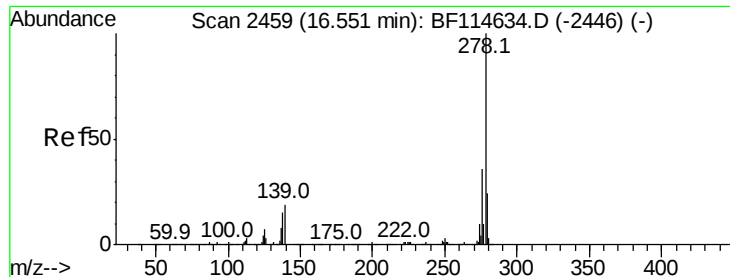
253 23.1 18.0 27.0

125 11.5 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 4.385 ng

RT: 16.69 min Scan# 2482

Delta R.T. 0.14 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

Instrument :

BNA_F

ClientSampleId :

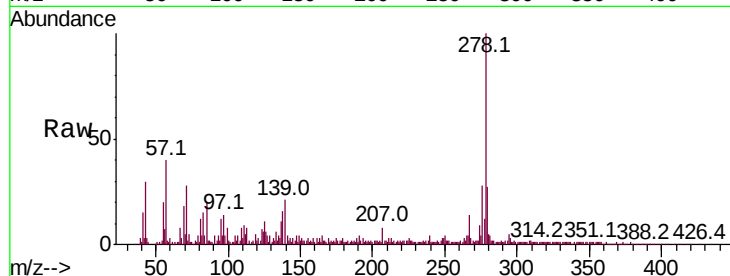
Tot Ion:278 Resp: 197002

Ion Ratio Lower Upper

278 100

139 20.6 14.9 22.3

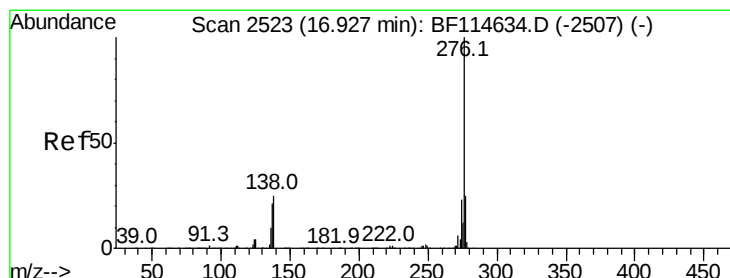
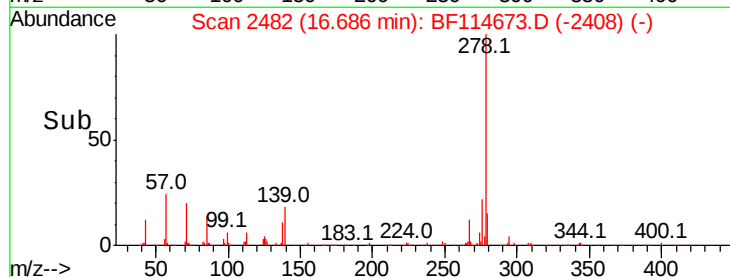
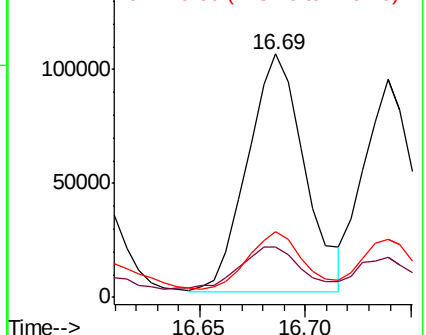
279 26.8 19.5 29.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 17.072 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BF114673.D

Acq: 30 May 2019 21:15

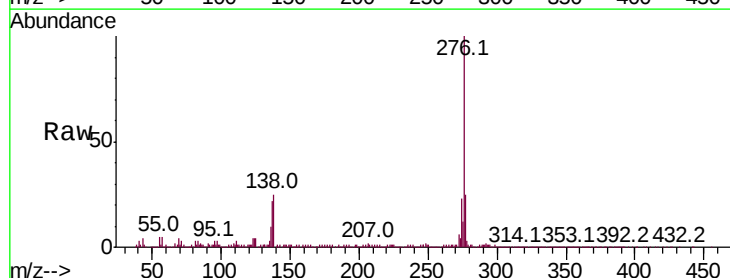
Tgt Ion:276 Resp: 744414

Ion Ratio Lower Upper

276 100

277 24.8 19.7 29.5

138 25.4 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

