

Data File : BF118674.D
Acq On : 22 Jan 2020 20:47
Operator : CG/JU
Sample : L1213-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: Jan 23 06:43:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	335340	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1259153	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	672590	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1135261	20.00	ng	0.00
76) Chrysene-d12	14.04	240	830516	20.00	ng	0.00
87) Perylene-d12	15.52	264	972733	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1755426	97.22	ng	0.00
7) Phenol-d6	6.50	99	2188406	93.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	1420880	63.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	689041	88.57	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2536600	61.99	ng	-0.01
79) Terphenyl-d14	12.99	244	2440195	64.08	ng	0.00

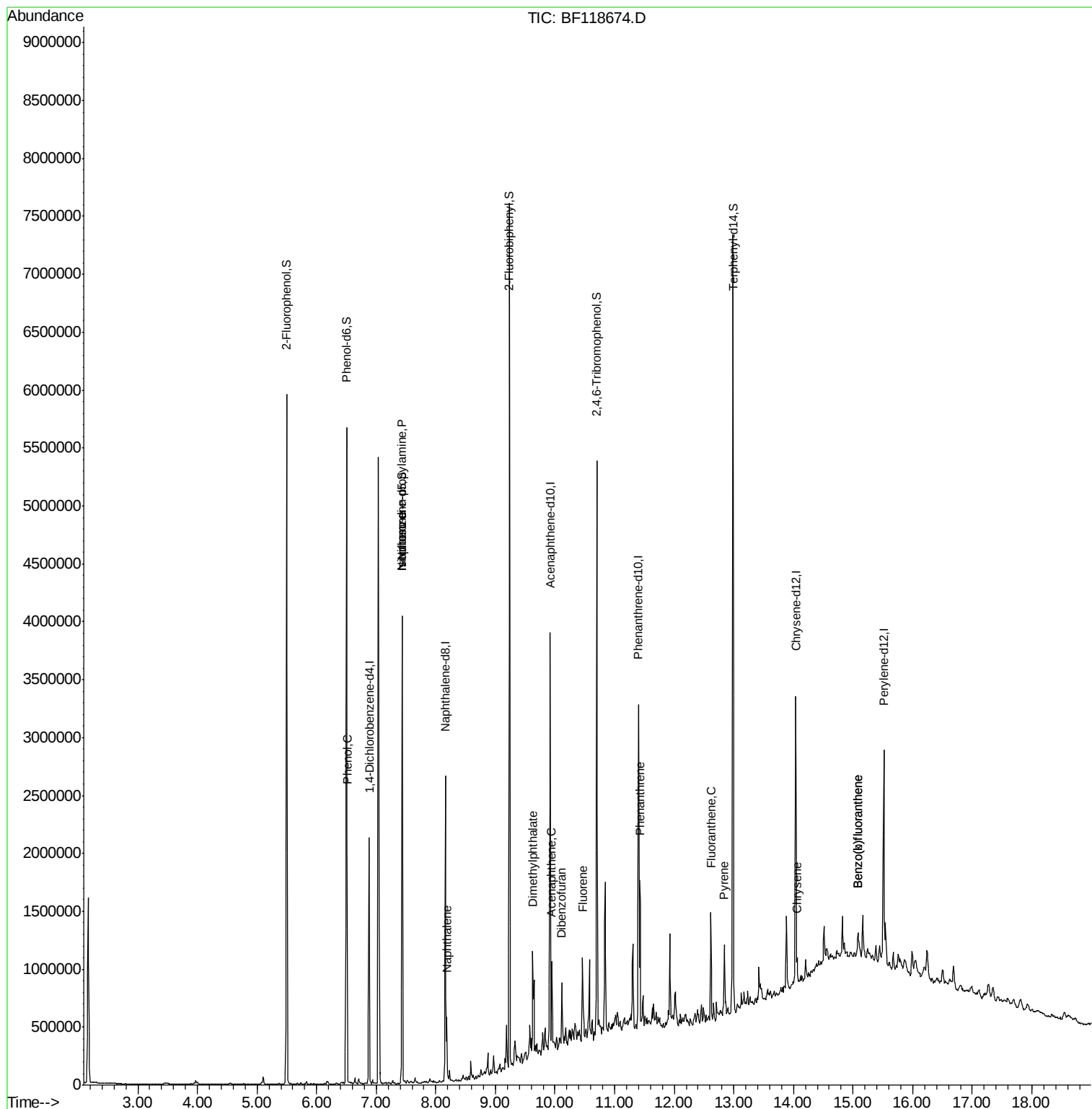
Target Compounds				Qvalue		
10) Phenol	6.52	94	160903	6.016	ng	90
19) n-Nitroso-di-n-propylamine	7.43	70	197390	12.457	ng	# 75
25) Isophorone	7.43	82	1418776	34.554	ng	# 64
31) Naphthalene	8.18	128	210216	3.696	ng	95
50) Dimethylphthalate	9.63	163	302092	6.894	ng	95
52) Acenaphthene	9.95	154	163809	4.457	ng	97
55) Dibenzofuran	10.12	168	142289	2.794	ng	95
58) Fluorene	10.46	166	163557	4.090	ng	98
71) Phenanthrene	11.42	178	468303	8.550	ng	93
75) Fluoranthene	12.62	202	341981	5.920	ng	94
78) Pyrene	12.84	202	267189	4.739	ng	92
83) Chrysene	14.06	228	101495	2.120	ng	94
88) Benzo(b)fluoranthene	15.08	252	156839	2.565	ng	# 80
89) Benzo(k)fluoranthene	15.08	252	156839	2.769	ng	# 81

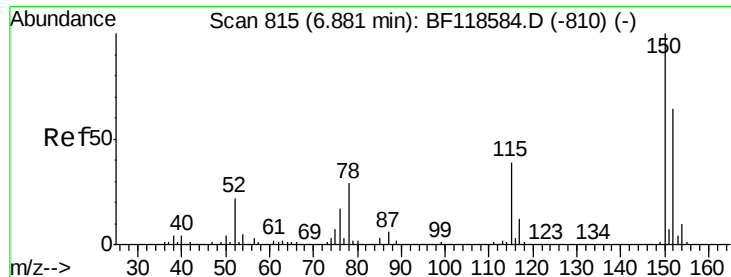
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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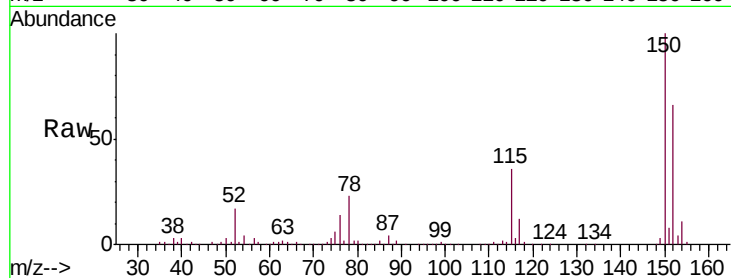


#1

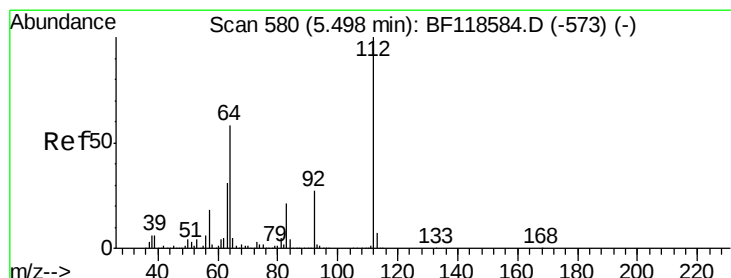
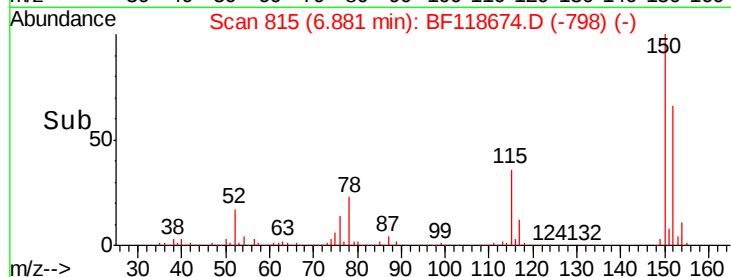
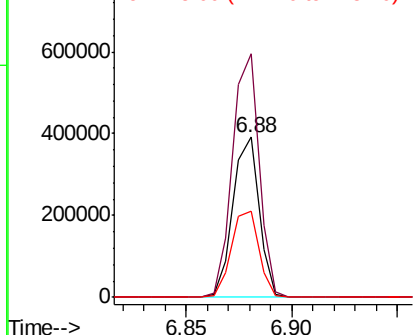
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 335340
Ion Ratio Lower Upper
152 100
150 151.9 125.6 188.4
115 54.0 48.4 72.6



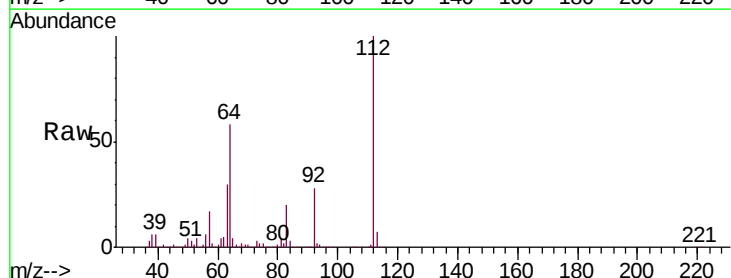
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



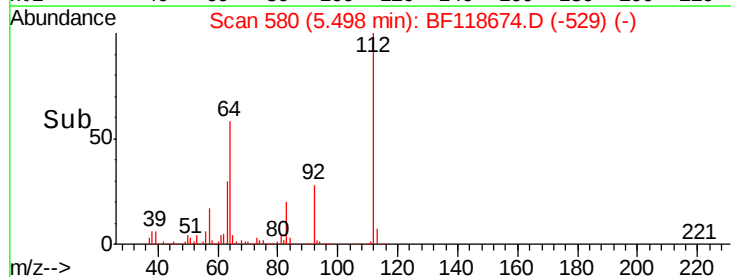
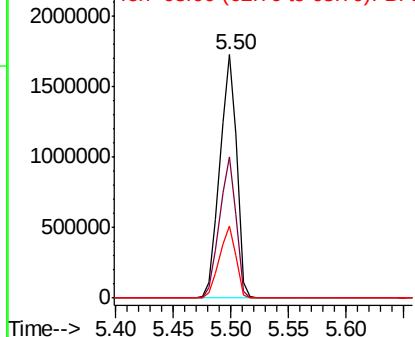
#5

2-Fluorophenol
Concen: 97.223 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Tgt Ion:112 Resp: 1755426
Ion Ratio Lower Upper
112 100
64 57.8 46.6 70.0
63 29.8 25.1 37.7



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: 93.252 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118674.D

Acq: 22 Jan 2020 20:47

Instrument :

BNA_F

ClientSampled :

TP-2

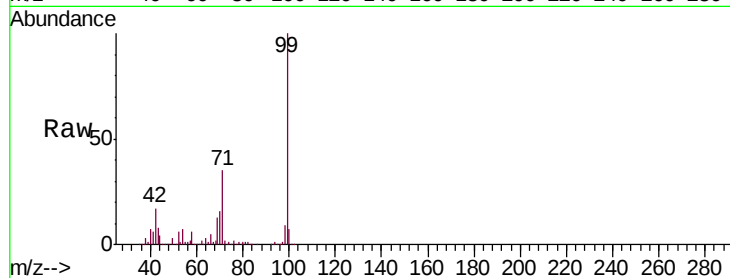
Tgt Ion: 99 Resp: 2188406

Ion Ratio Lower Upper

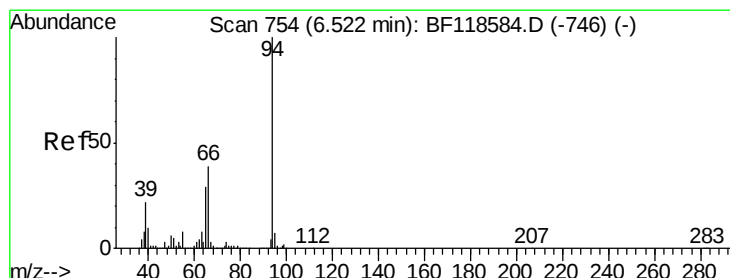
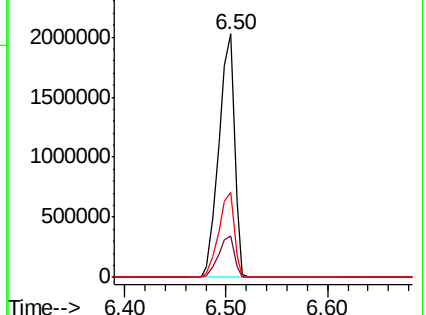
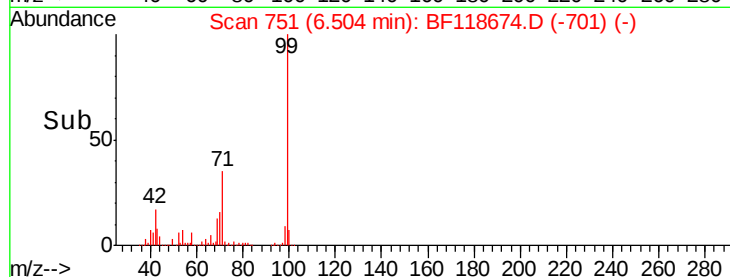
99 100

42 16.8 14.2 21.2

71 34.8 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.016 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118674.D

Acq: 22 Jan 2020 20:47

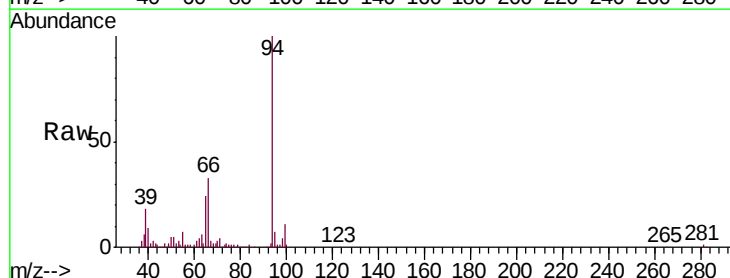
Tgt Ion: 94 Resp: 160903

Ion Ratio Lower Upper

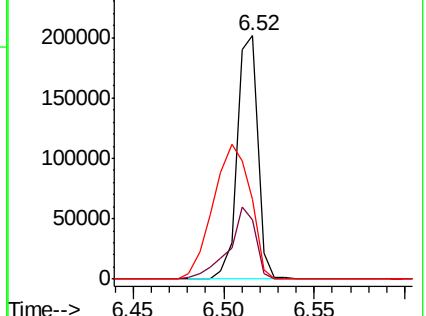
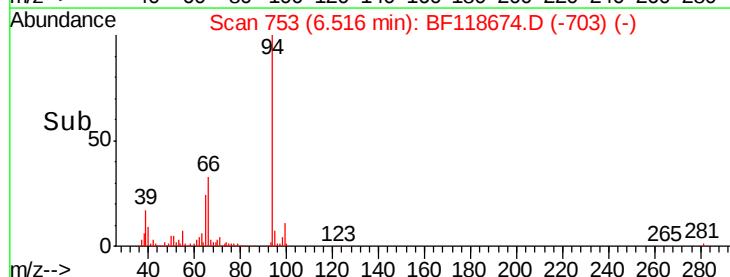
94 100

65 24.2 9.5 49.5

66 32.9 18.5 58.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

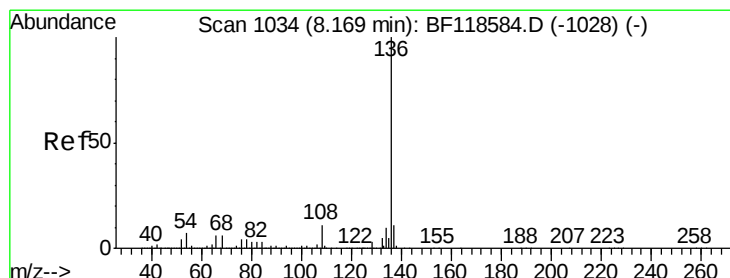
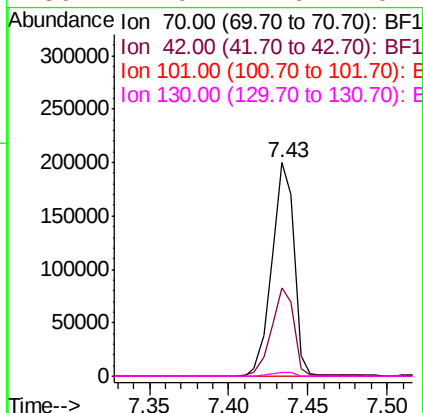
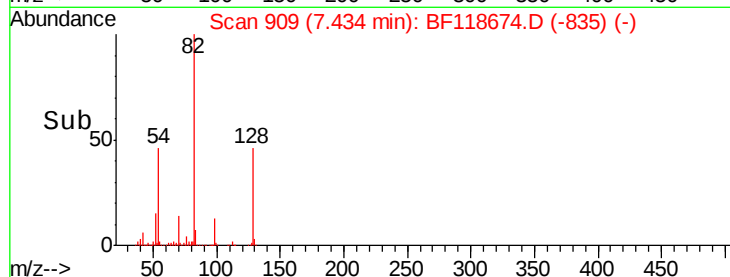
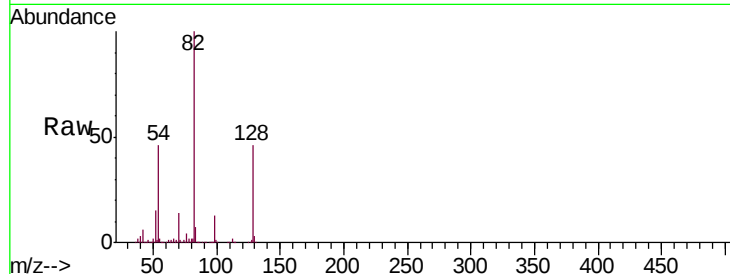




#19
n-Nitroso-di-n-propylamine
Concen: 12.457 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

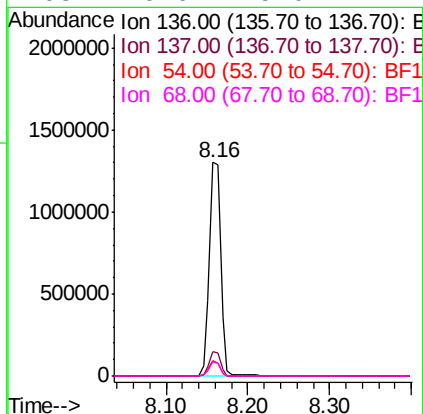
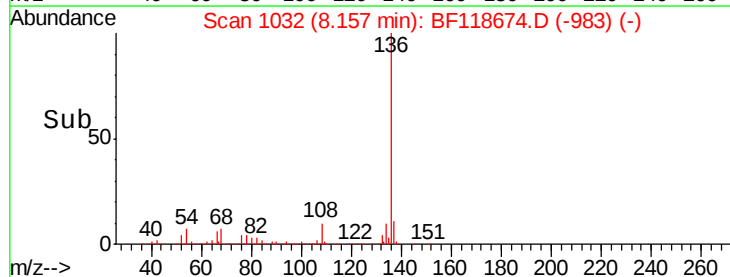
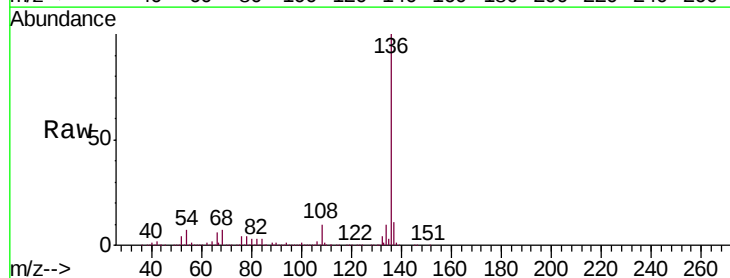
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:	70	Resp:	197390
Ion	Ratio	Lower	Upper
70	100		
42	41.6	43.4	65.0#
101	0.0	8.1	12.1#
130	2.0	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Tgt Ion:	136	Resp:	1259153
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.5	5.8	8.6
68	6.6	5.0	7.4

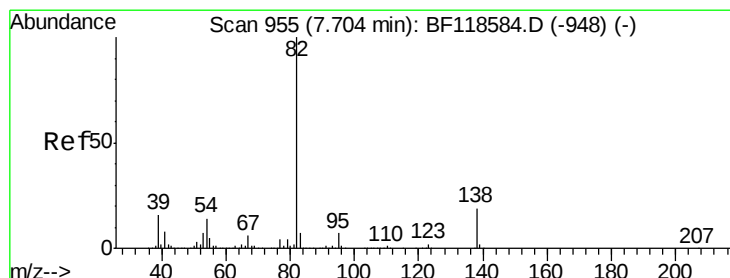
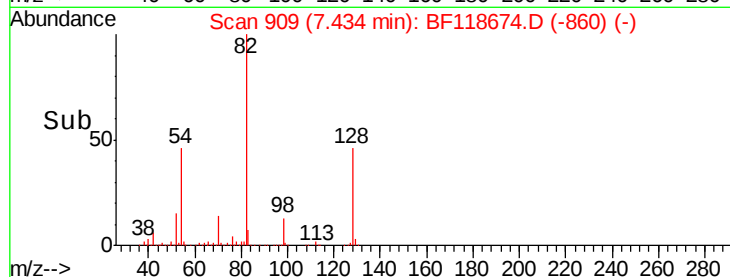
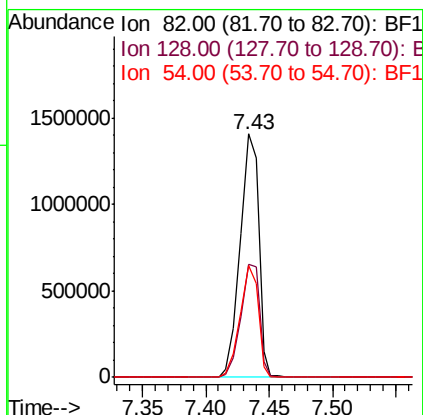
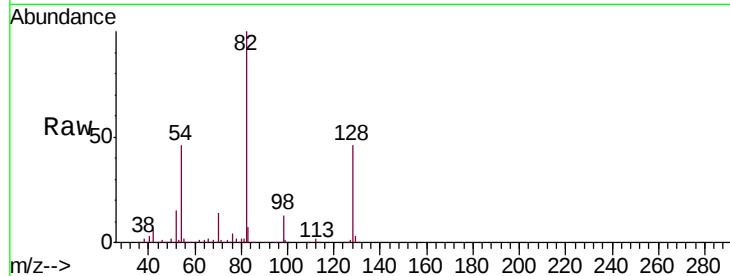




#23
 Nitrobenzene-d5
 Concen: 63.118 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118674.D
 Acq: 22 Jan 2020 20:47

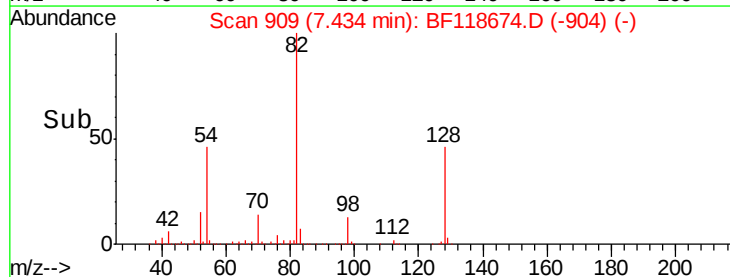
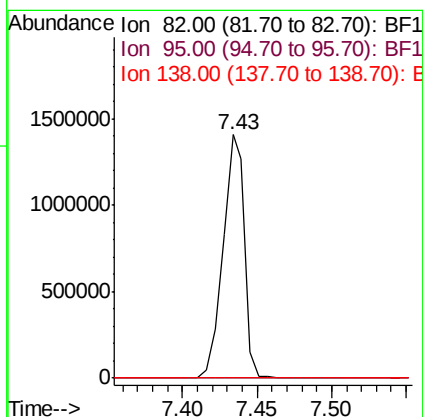
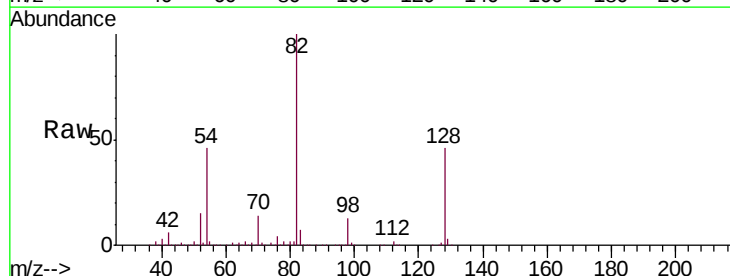
Instrument :
 BNA_F
 ClientSampled :
 TP-2

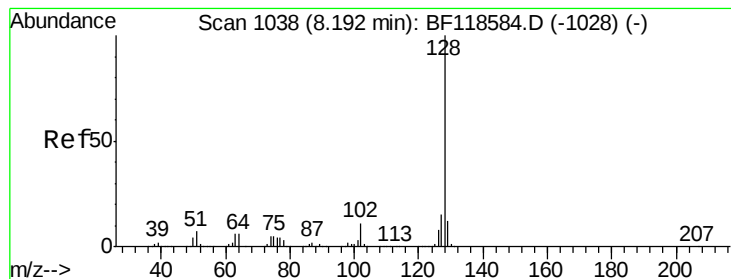
Tgt Ion: 82 Resp: 1420880
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.6 54.8
 54 46.0 38.0 57.0



#25
 Isophorone
 Concen: 34.554 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.27 min
 Lab File: BF118674.D
 Acq: 22 Jan 2020 20:47

Tgt Ion: 82 Resp: 1418776
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.9 8.9#
 138 0.0 15.3 22.9#





#31

Naphthalene

Concen: 3.696 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF118674.D

Acq: 22 Jan 2020 20:47

Instrument :

BNA_F

ClientSampleId :

TP-2

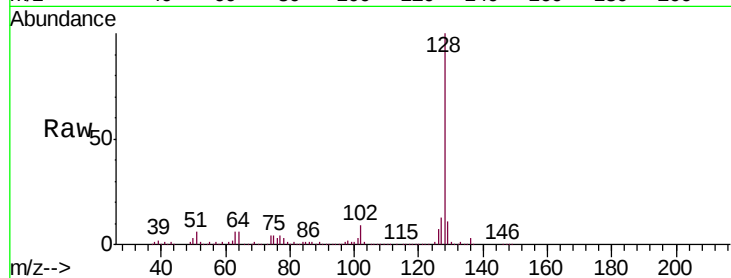
Tgt Ion:128 Resp: 210216

Ion Ratio Lower Upper

128 100

129 11.0 9.9 14.9

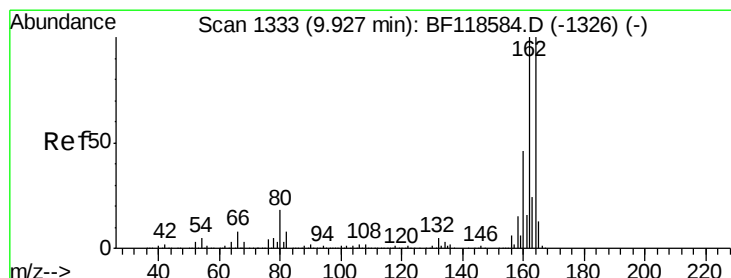
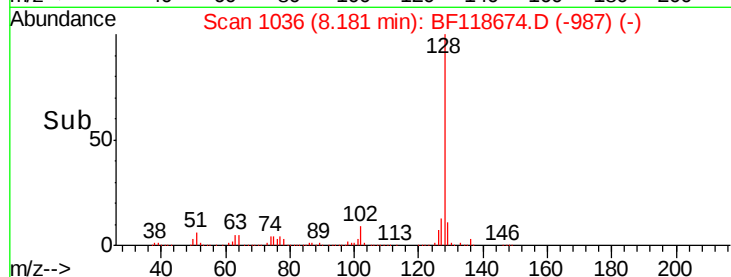
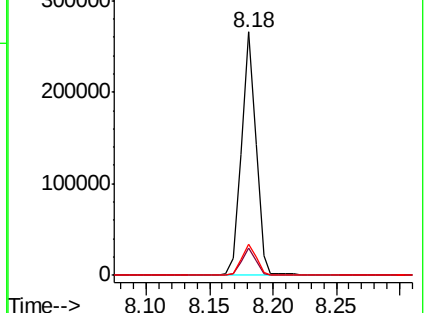
127 12.7 12.0 18.0



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118674.D

Acq: 22 Jan 2020 20:47

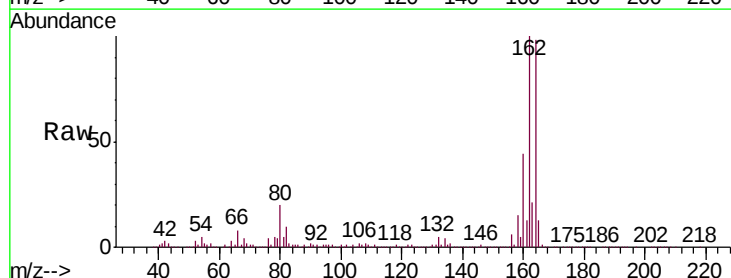
Tgt Ion:164 Resp: 672590

Ion Ratio Lower Upper

164 100

162 102.3 80.4 120.6

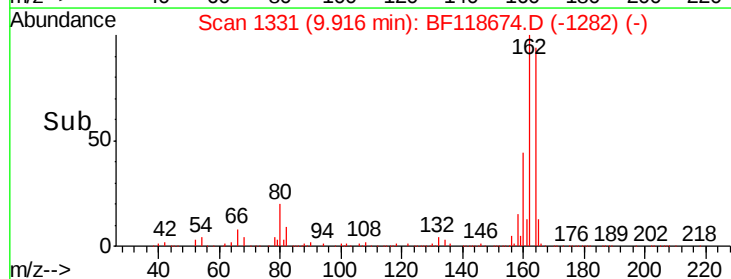
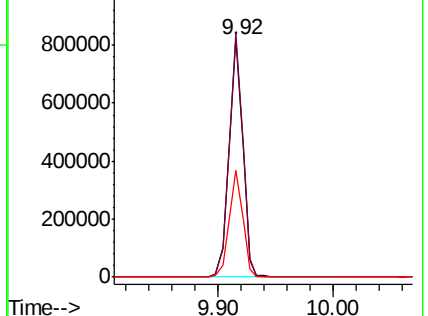
160 44.9 36.6 55.0

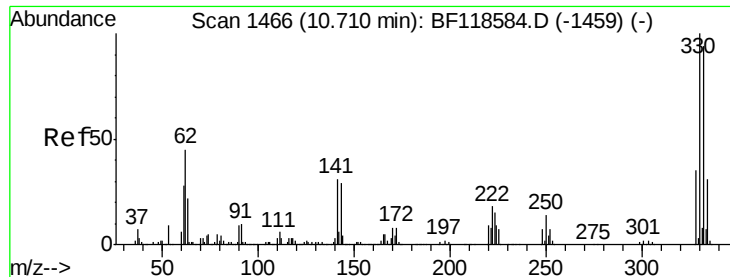


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

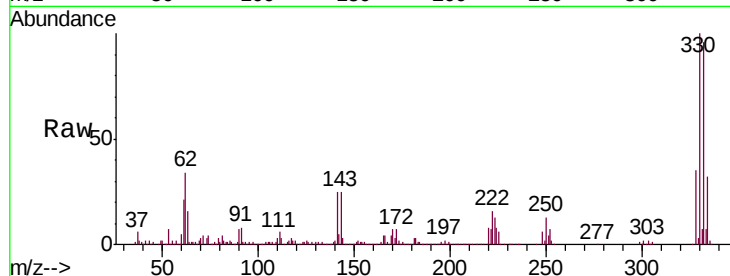




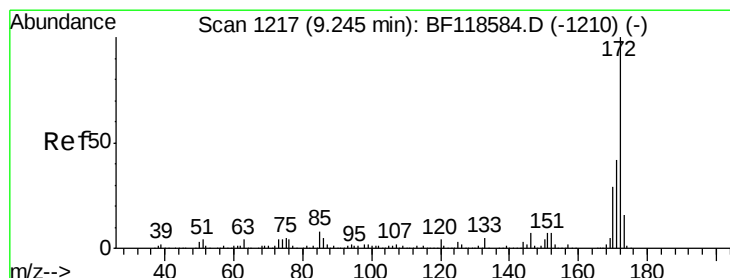
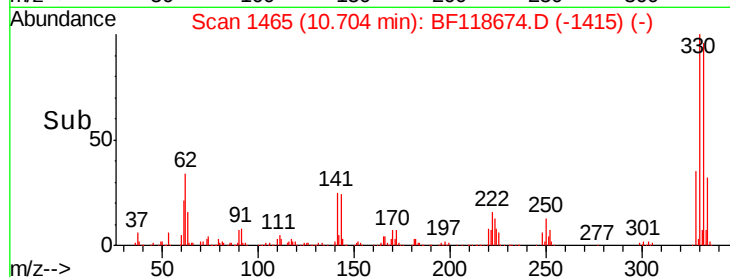
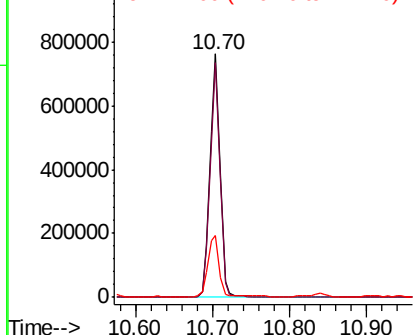
#42
 2,4,6-Tribromophenol
 Concen: 88.573 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118674.D
 Acq: 22 Jan 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:330 Resp: 689041
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.2 114.4
 141 27.3 23.9 35.9

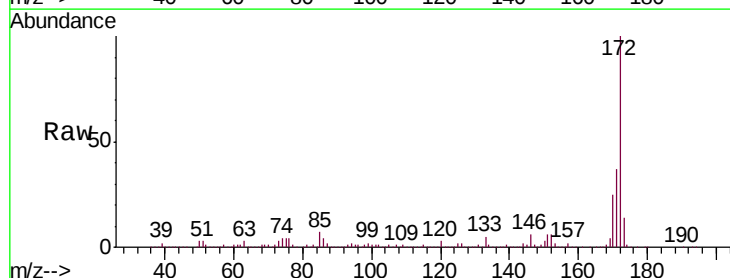


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

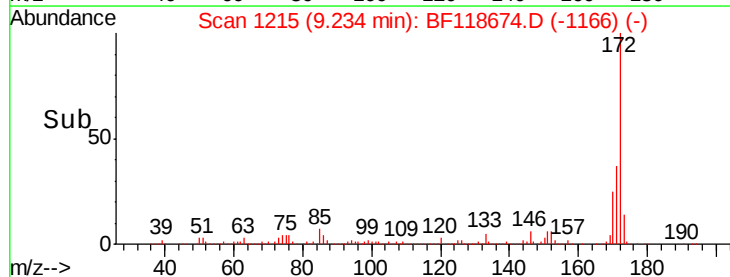
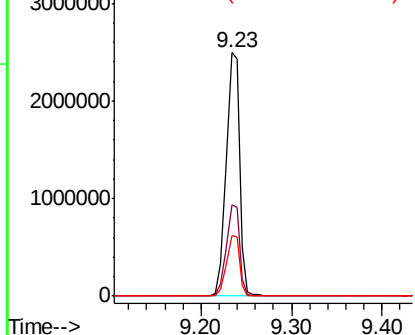


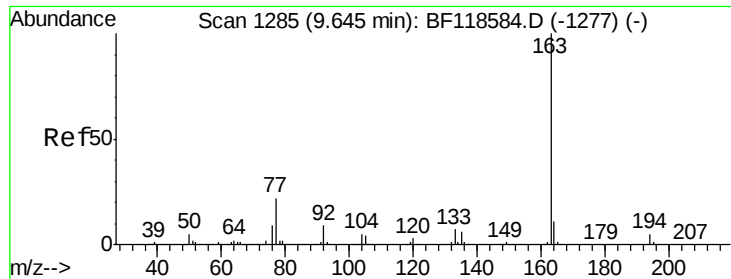
#45
 2-Fluorobiphenyl
 Concen: 61.987 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118674.D
 Acq: 22 Jan 2020 20:47

Tgt Ion:172 Resp: 2536600
 Ion Ratio Lower Upper
 172 100
 171 37.3 33.4 50.2
 170 24.8 23.2 34.8



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

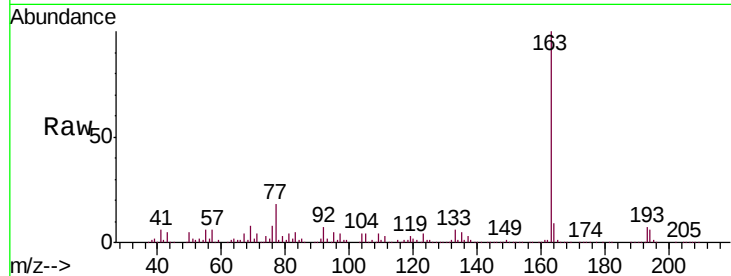




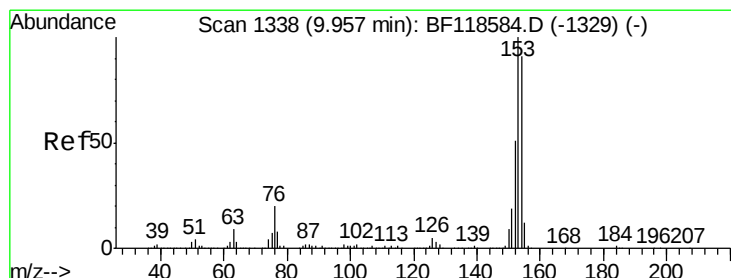
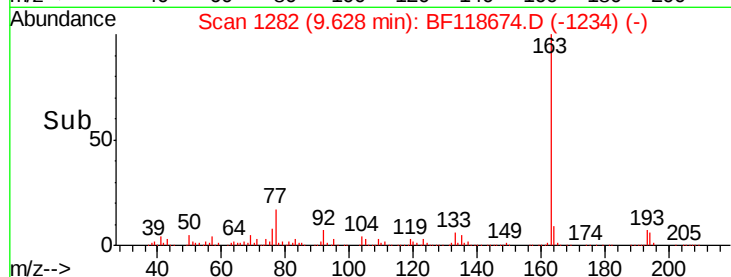
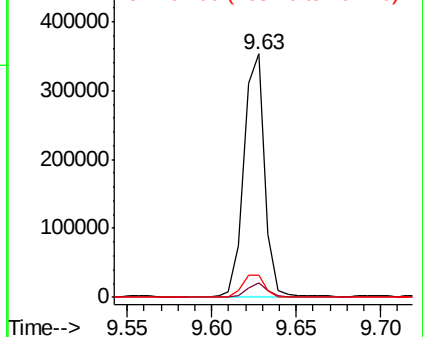
#50
Dimethylphthalate
Concen: 6.894 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:163 Resp: 302092
Ion Ratio Lower Upper
163 100
194 5.7 3.9 5.9
164 9.3 9.1 13.7

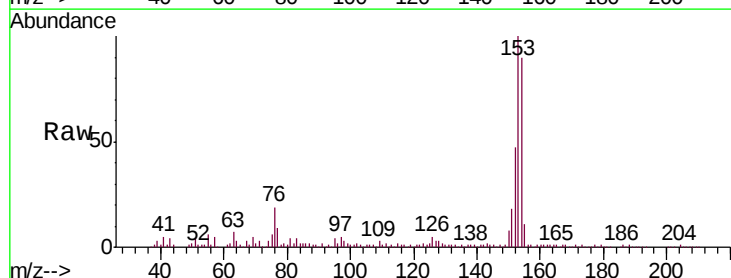


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

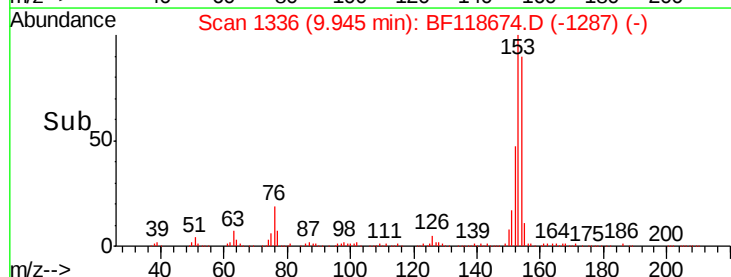
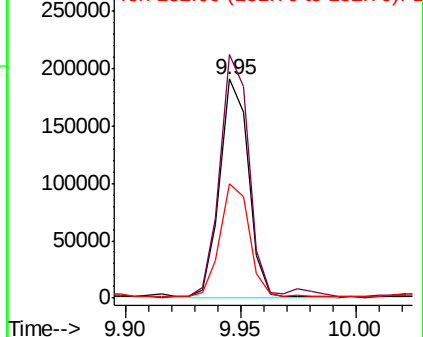


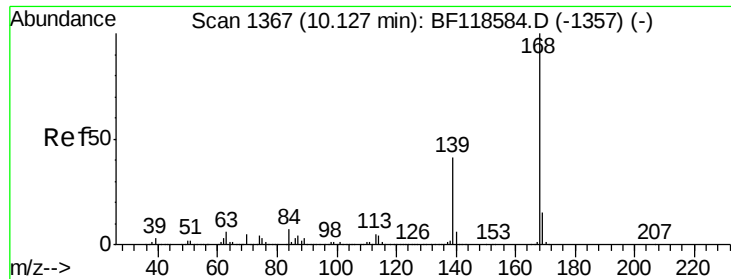
#52
Acenaphthene
Concen: 4.457 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Tgt Ion:154 Resp: 163809
Ion Ratio Lower Upper
154 100
153 111.2 87.6 131.4
152 52.2 44.4 66.6



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

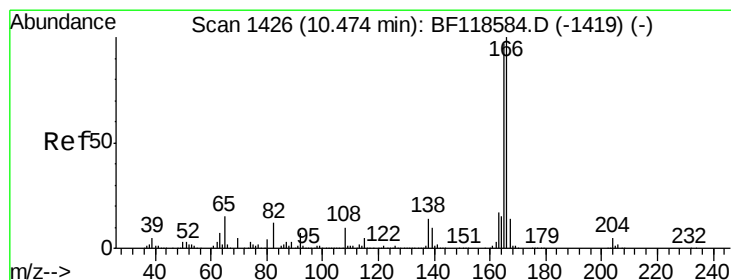
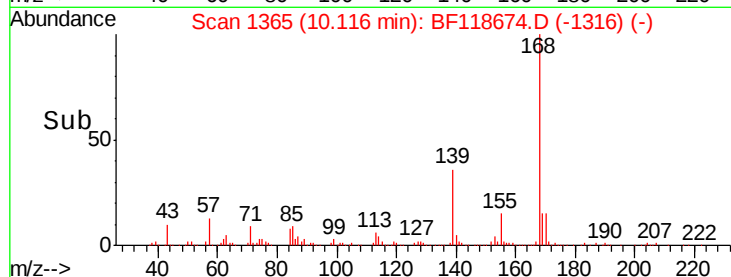
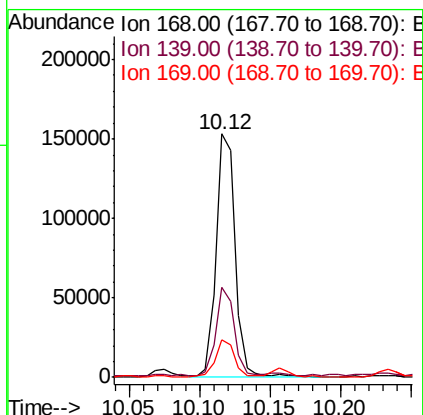
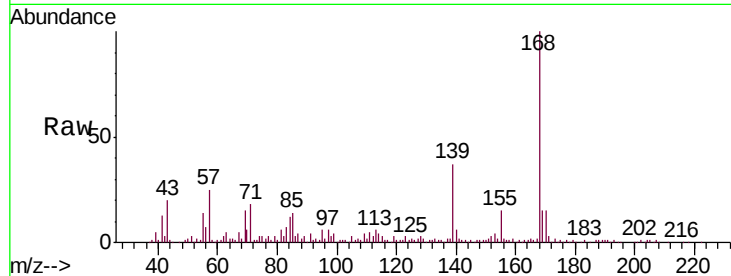




#55
Dibenzenofuran
Concen: 2.794 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 142289
Ion Ratio Lower Upper
168 100
139 37.1 32.7 49.1
169 15.5 12.2 18.2



#58
Fluorene
Concen: 4.090 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118674.D
Acq: 22 Jan 2020 20:47

Tgt Ion:166 Resp: 163557
Ion Ratio Lower Upper
166 100
165 98.5 77.3 115.9
167 13.2 11.5 17.3

