

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118194.D
 Acq On : 13 Dec 2019 18:59
 Operator : JU
 Sample : K6274-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-COMP

Quant Time: Dec 13 22:47:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	109709	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	417891	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	201960	20.00	ng	0.00
64) Phenanthrene-d10	11.44	188	258651	20.00	ng	0.03
76) Chrysene-d12	14.08	240	235660	20.00	ng	0.01
87) Perylene-d12	15.56	264	242239	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	604103	96.44	ng	0.00
7) Phenol-d6	6.50	99	770426	101.69	ng	0.00
23) Nitrobenzene-d5	7.43	82	475413	64.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	197517	80.51	ng	0.01
45) 2-Fluorobiphenyl	9.23	172	967877	72.92	ng	0.00
79) Terphenyl-d14	13.03	244	852501	62.21	ng	0.02

Target Compounds

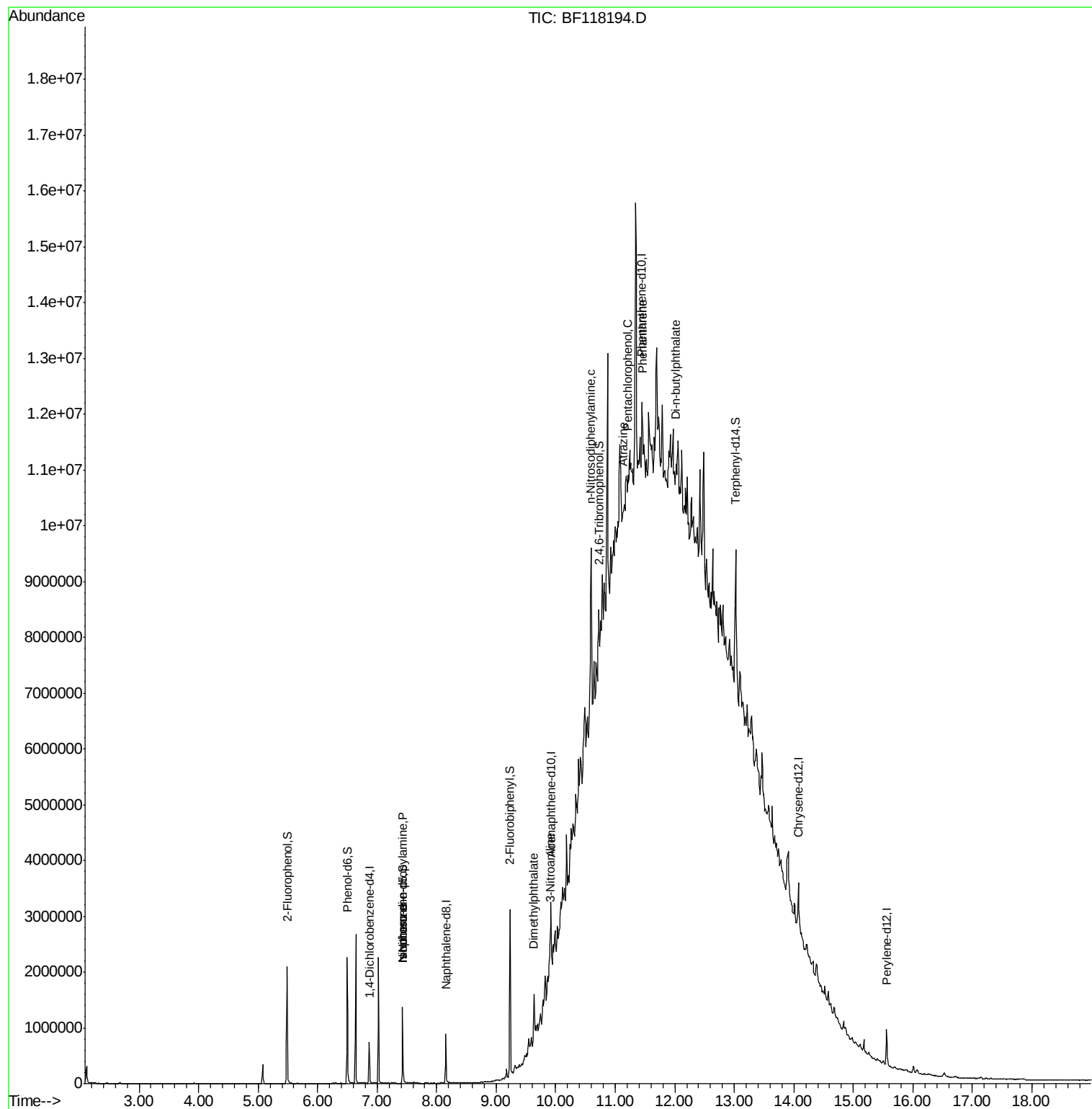
						Qvalue
9) Benzaldehyde	6.42	77	1187	Below Cal	#	78
19) n-Nitroso-di-n-propylamine	7.43	70	65454	14.217 ng	#	79
25) Isophorone	7.43	82	475406	37.754 ng	#	62
50) Dimethylphthalate	9.63	163	38576	2.586 ng	#	88
53) 3-Nitroaniline	9.90	138	14077	3.688 ng	#	33
66) n-Nitrosodiphenylamine	10.59	169	37201	4.606 ng	#	65
69) Atrazine	11.13	200	10169	3.671 ng	#	1
70) Pentachlorophenol	11.21	266	5111	3.127 ng	#	1
71) Phenanthrene	11.46	178	32336	2.352 ng	#	1
74) Di-n-butylphthalate	12.02	149	36762	2.387 ng	#	33

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

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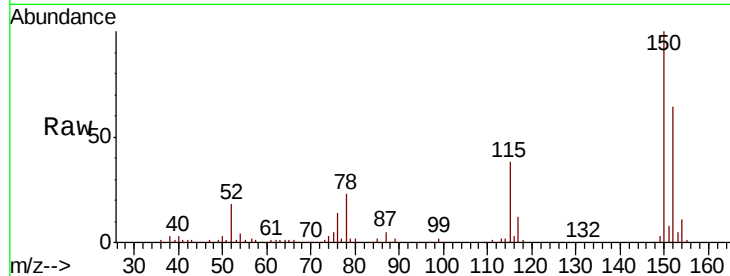


#1

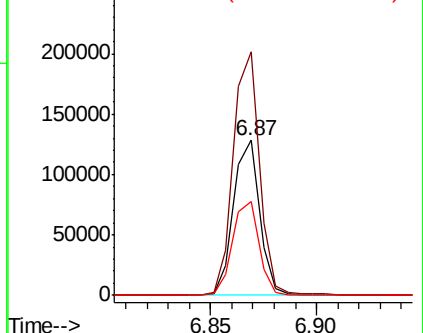
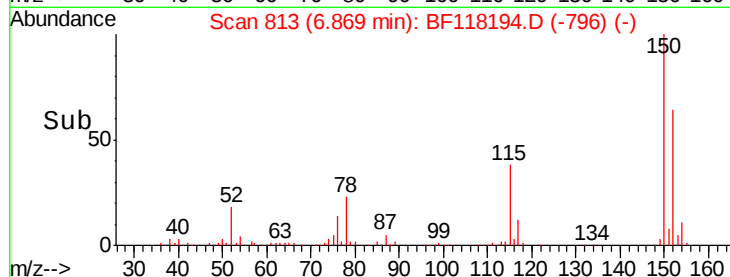
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampled :
T2-COMP

Tot Ion:152 Resp: 109709
Ion Ratio Lower Upper
152 100
150 156.9 128.3 192.5
115 60.4 51.1 76.7



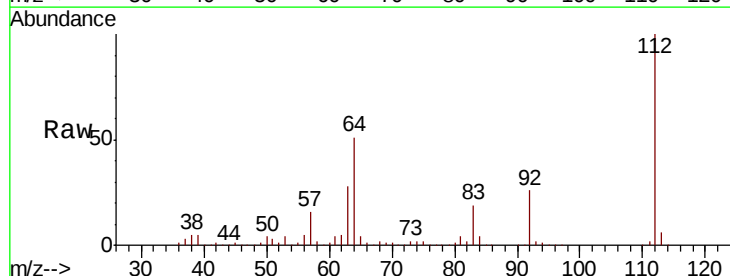
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



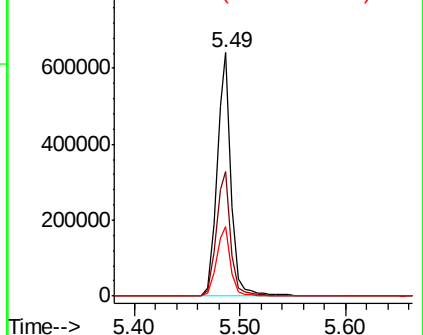
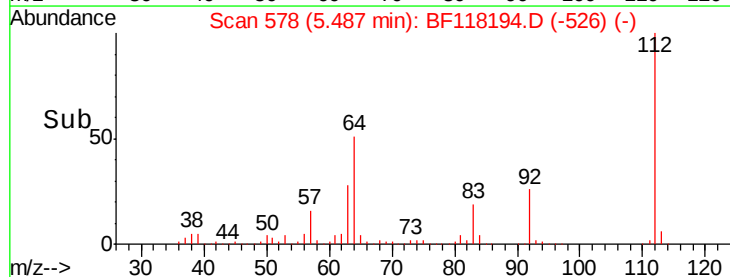
#5

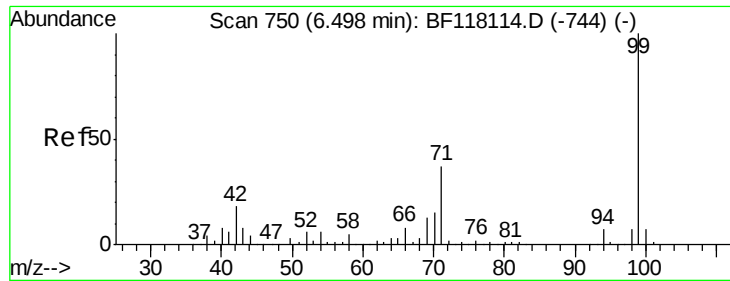
2-Fluorophenol
Concen: 96.443 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion:112 Resp: 604103
Ion Ratio Lower Upper
112 100
64 51.1 41.3 61.9
63 28.3 22.4 33.6



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: 101.689 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118194.D

Acq: 13 Dec 2019 18:59

Instrument :

BNA_F

ClientSampleId :

T2-COMP

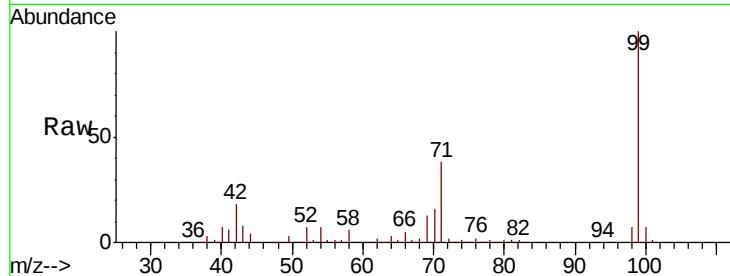
Tot Ion: 99 Resp: 770426

Ion Ratio Lower Upper

99 100

42 17.6 14.1 21.1

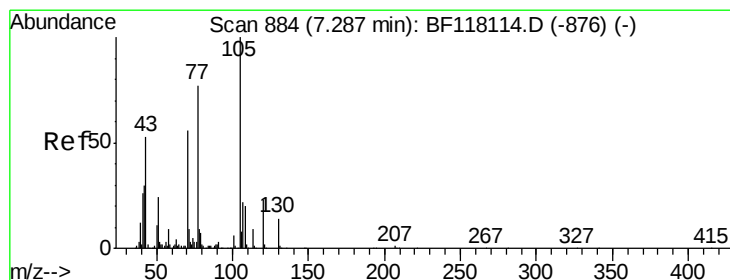
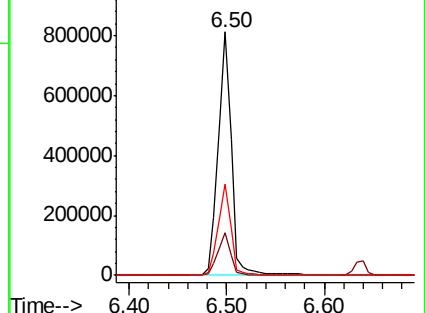
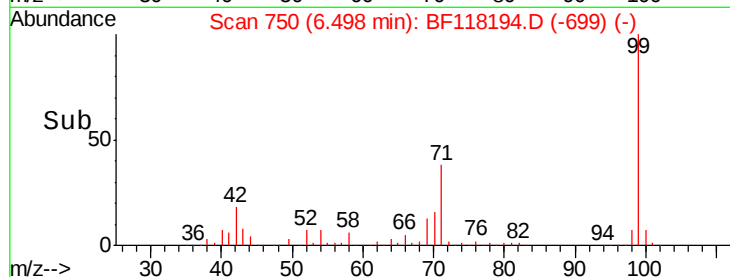
71 37.5 29.7 44.5



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.217 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF118194.D

Acq: 13 Dec 2019 18:59

Tgt Ion: 70 Resp: 65454

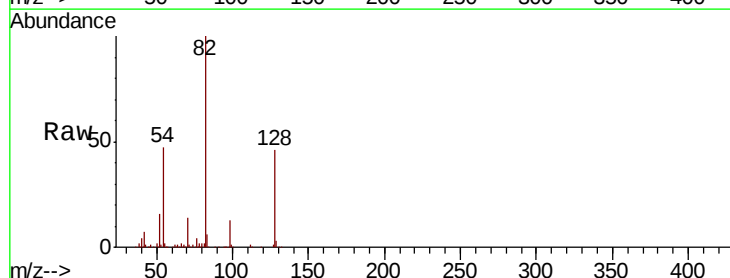
Ion Ratio Lower Upper

70 100

42 47.5 43.2 64.8

101 0.0 8.1 12.1#

130 2.0 19.8 29.8#

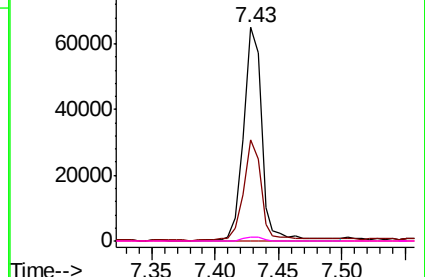
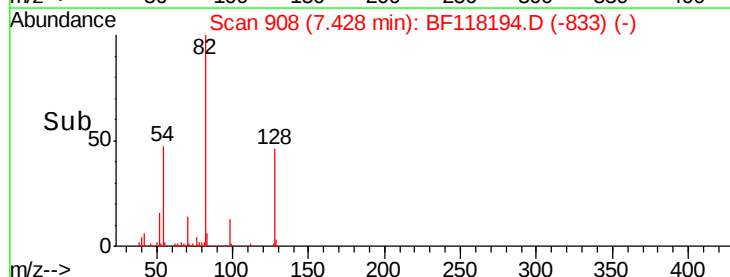


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

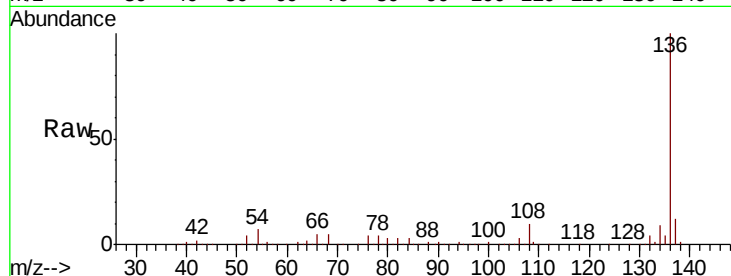




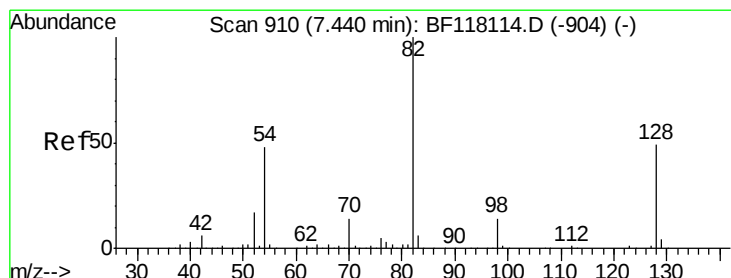
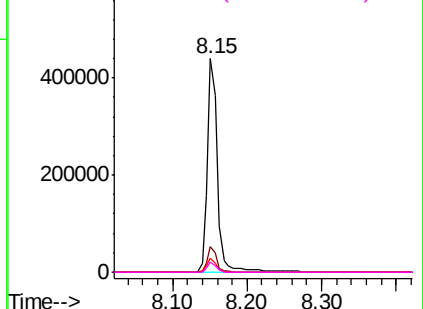
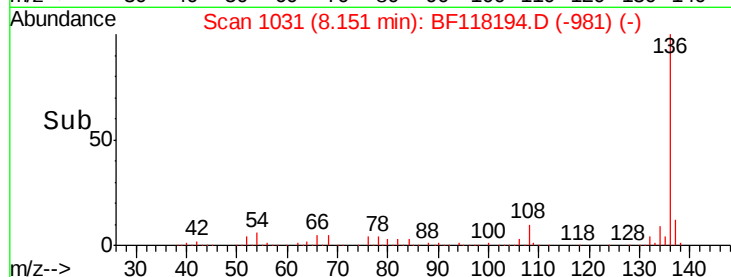
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampleId :
T2-COMP

Tot Ion:136 Resp: 417891
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 6.5 5.0 7.6
68 4.5 3.8 5.8

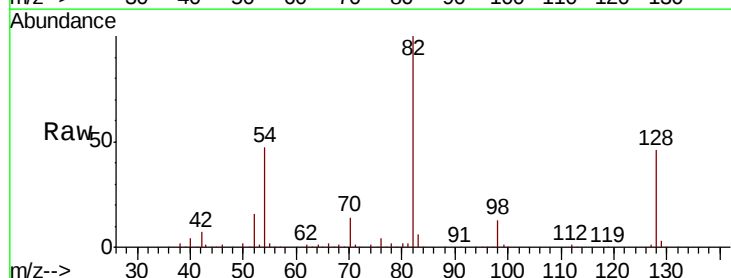


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

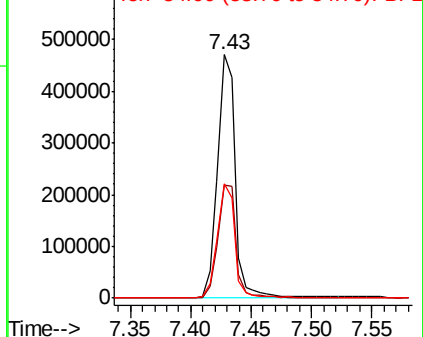
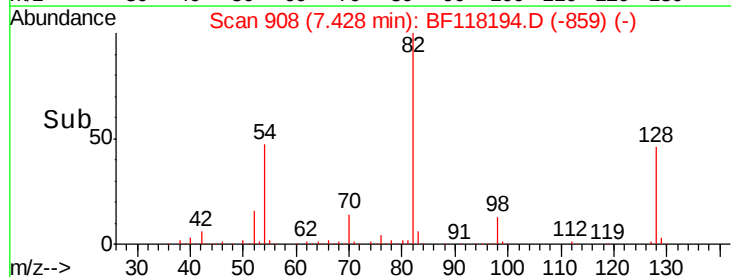


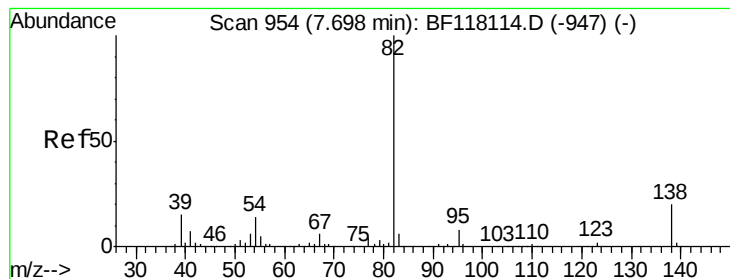
#23
Nitrobenzene-d5
Concen: 64.002 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion: 82 Resp: 475413
Ion Ratio Lower Upper
82 100
128 46.2 39.1 58.7
54 47.1 38.2 57.2



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





#25

Isophorone

Concen: 37.754 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.27 min

Lab File: BF118194.D

Acq: 13 Dec 2019 18:59

Instrument :

BNA_F

ClientSampleId :

T2-COMP

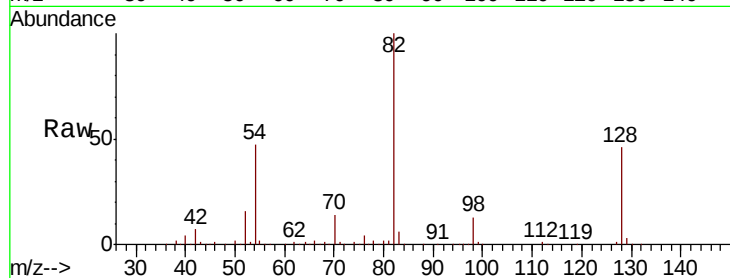
Tot Ion: 82 Resp: 475406

Ion Ratio Lower Upper

82 100

95 0.1 6.3 9.5#

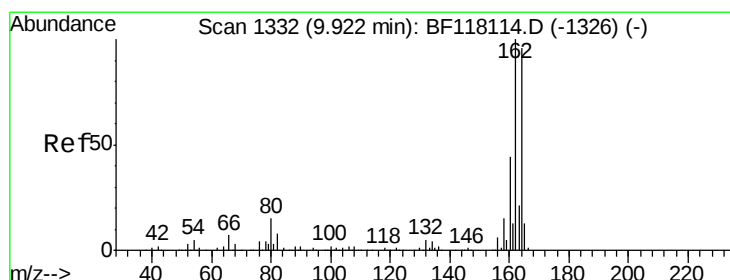
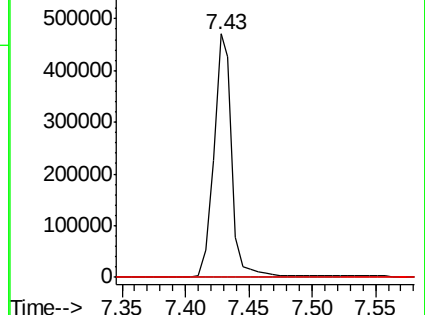
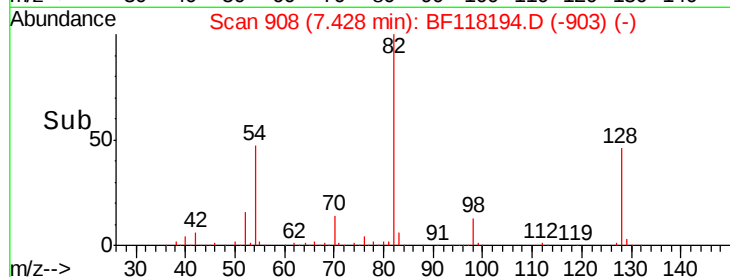
138 0.0 16.3 24.5#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118194.D

Acq: 13 Dec 2019 18:59

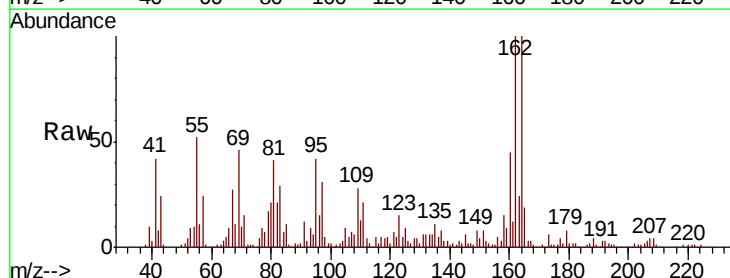
Tgt Ion: 164 Resp: 201960

Ion Ratio Lower Upper

164 100

162 100.0 83.4 125.0

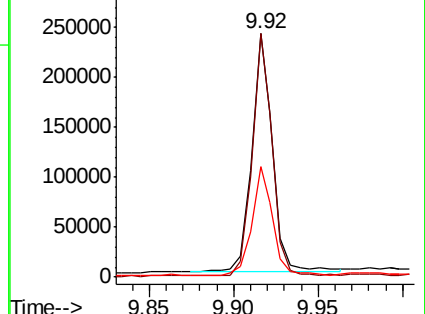
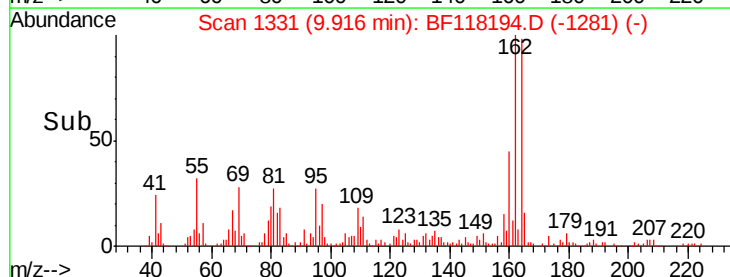
160 45.3 36.6 54.8

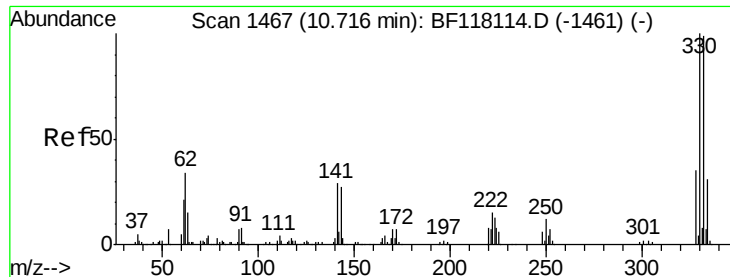


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

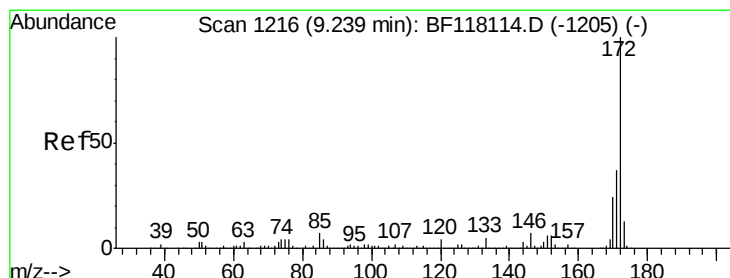
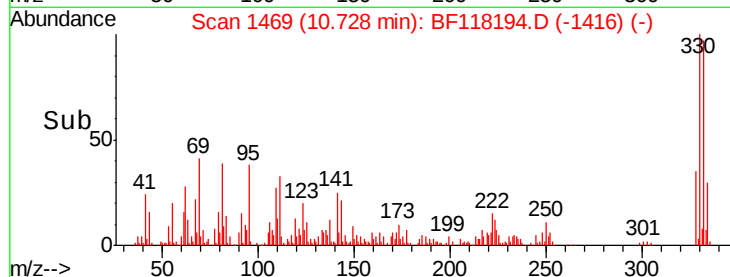
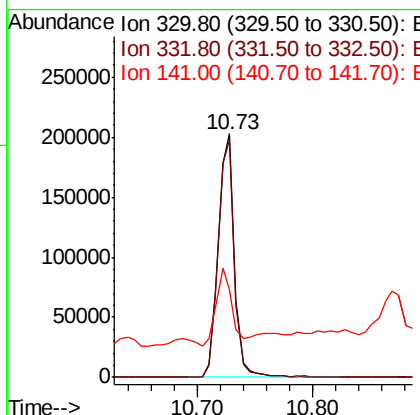
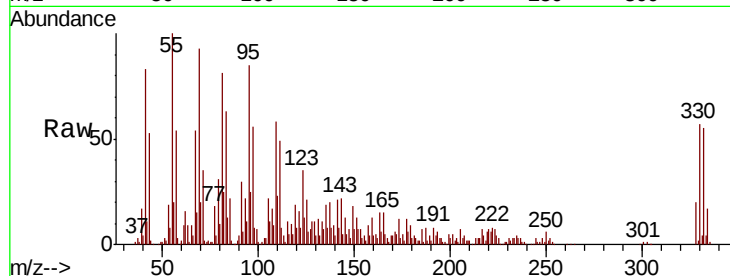




#42
 2,4,6-Tribromophenol
 Concen: 80.506 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF118194.D
 Acq: 13 Dec 2019 18:59

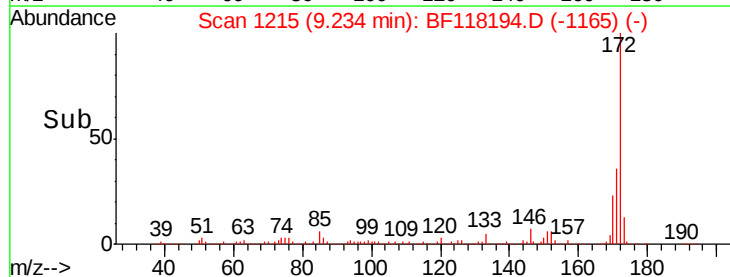
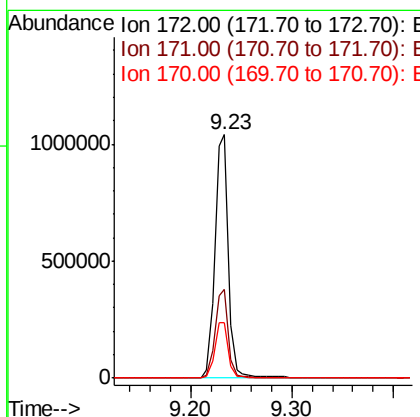
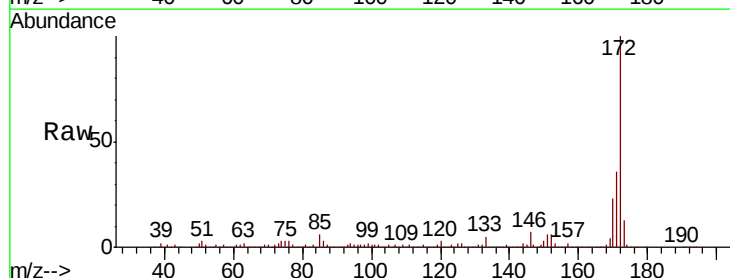
Instrument :
 BNA_F
 ClientSampled :
 T2-COMP

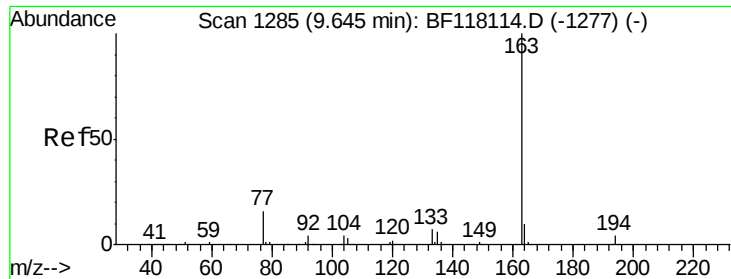
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.1	117.1
141	32.1	26.9	40.3



#45
 2-Fluorobiphenyl
 Concen: 72.924 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118194.D
 Acq: 13 Dec 2019 18:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	23.0	19.4	29.2

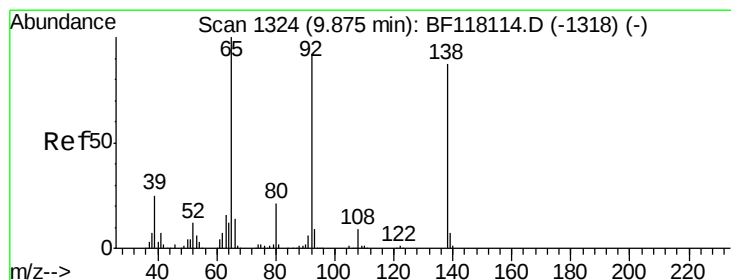
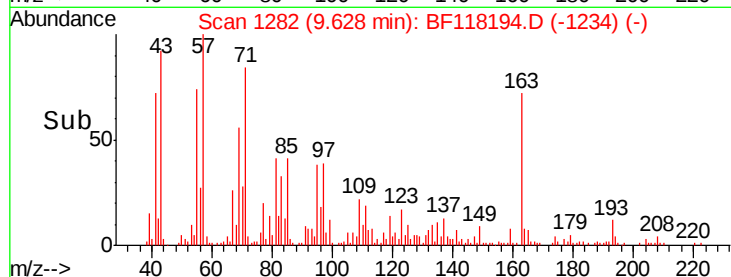
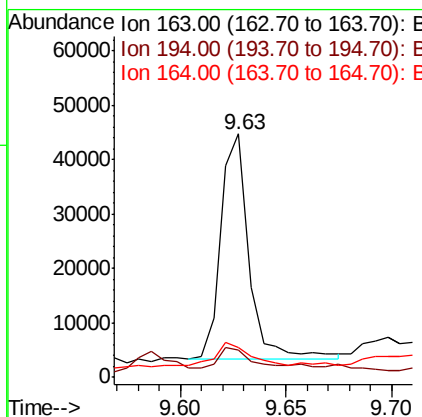
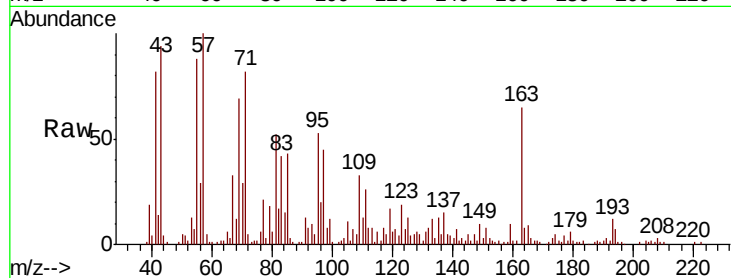




#50
Dimethylphthalate
Concen: 2.586 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

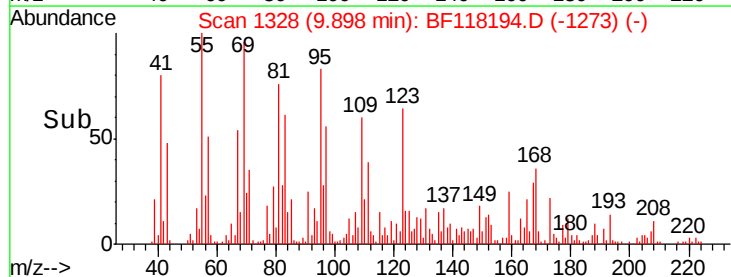
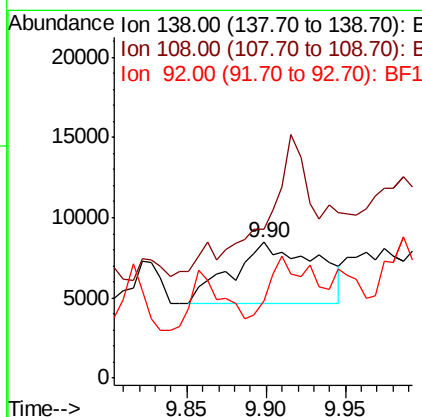
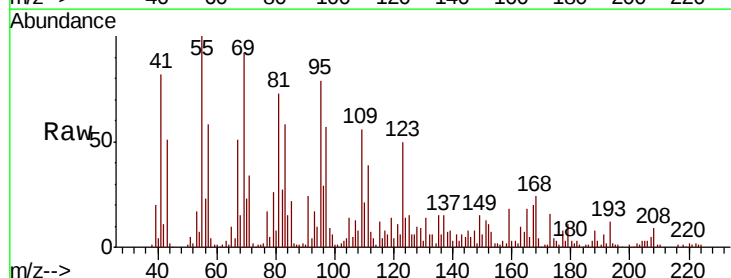
Instrument :
BNA_F
ClientSampleId :
T2-COMP

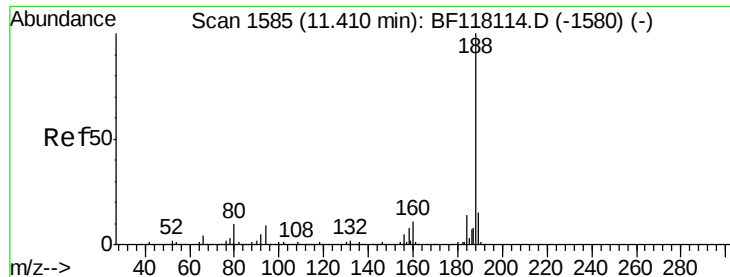
Tot Ion:163 Resp: 38576
Ion Ratio Lower Upper
163 100
194 11.2 3.1 4.7#
164 12.2 7.7 11.5#



#53
3-Nitroaniline
Concen: 3.688 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion:138 Resp: 14077
Ion Ratio Lower Upper
138 100
108 109.5 8.2 12.4#
92 57.0 84.9 127.3#

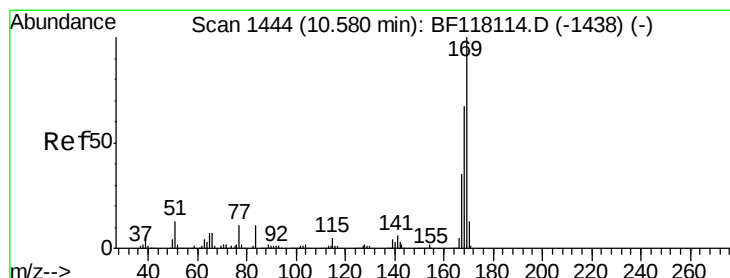
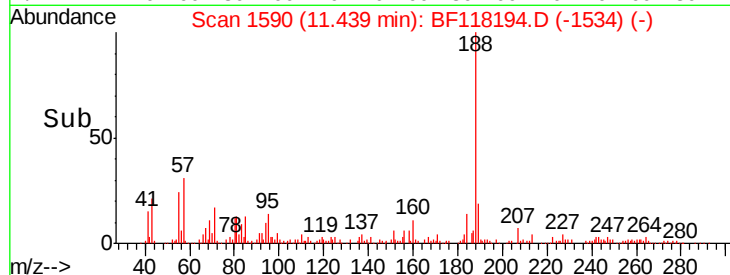
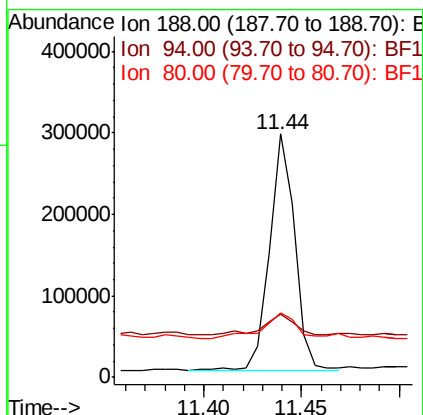
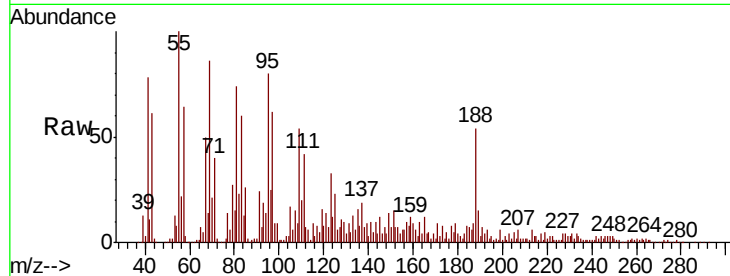




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.03 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

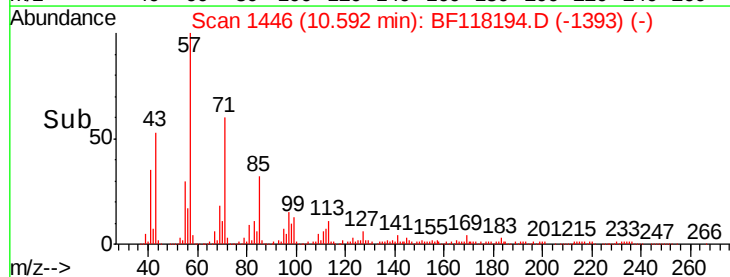
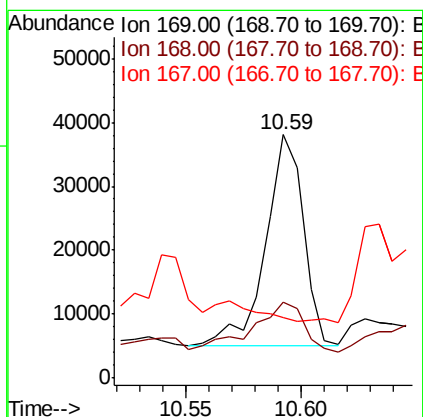
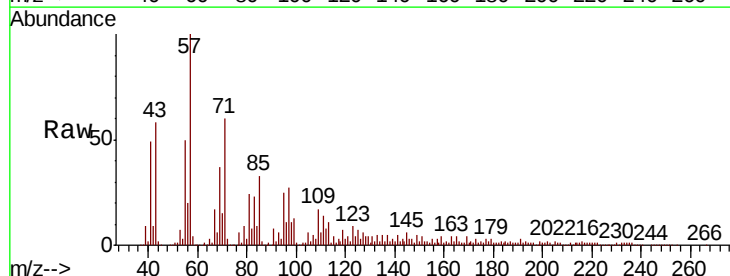
Instrument :
BNA_F
ClientSampleId :
T2-COMP

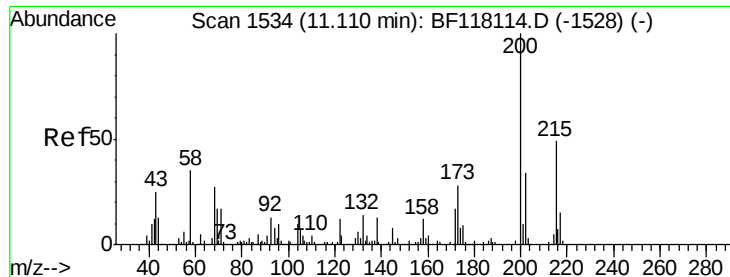
Tot Ion:188 Resp: 258651
Ion Ratio Lower Upper
188 100
94 25.9 7.1 10.7#
80 26.7 7.9 11.9#



#66
n-Nitrosodiphenylamine
Concen: 4.606 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion:169 Resp: 37201
Ion Ratio Lower Upper
169 100
168 31.3 53.4 80.2#
167 24.7 28.4 42.6#





#69

Atrazine

Concen: 3.671 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.02 min

Lab File: BF118194.D

Acq: 13 Dec 2019 18:59

Instrument :

BNA_F

ClientSampled :

T2-COMP

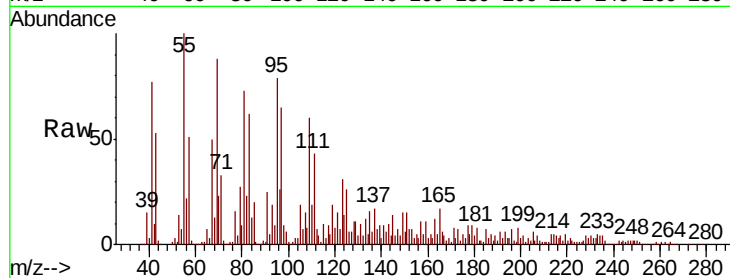
Tot Ion:200 Resp: 10169

Ion Ratio Lower Upper

200 100

173 248.1 8.1 48.1#

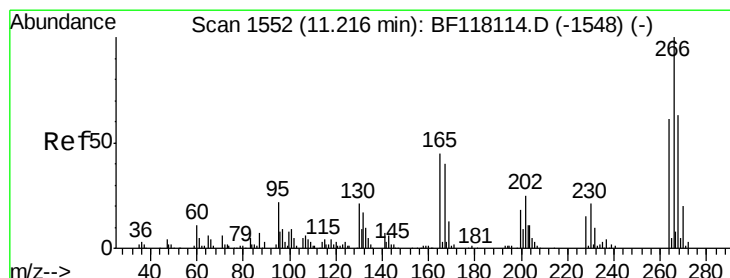
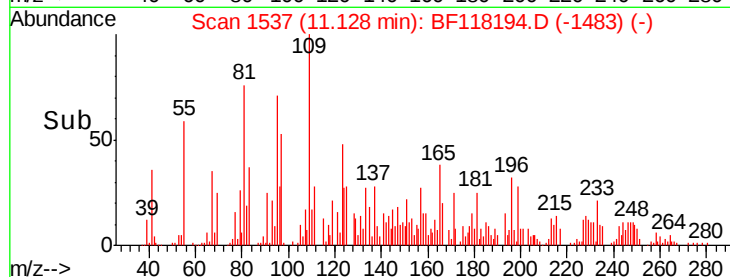
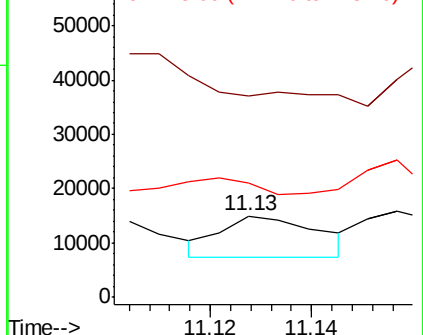
215 139.9 29.0 69.0#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 3.127 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF118194.D

Acq: 13 Dec 2019 18:59

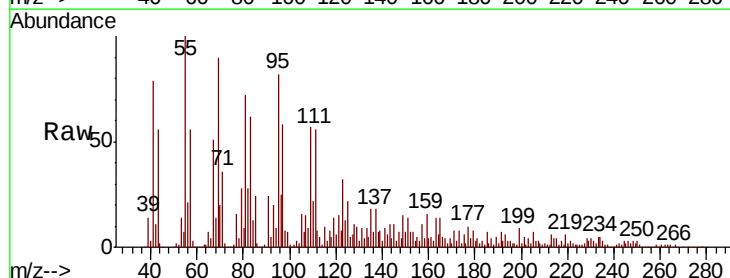
Tgt Ion:266 Resp: 5111

Ion Ratio Lower Upper

266 100

268 0.0 50.7 76.1#

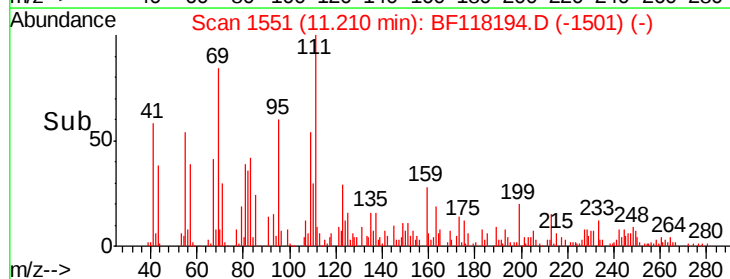
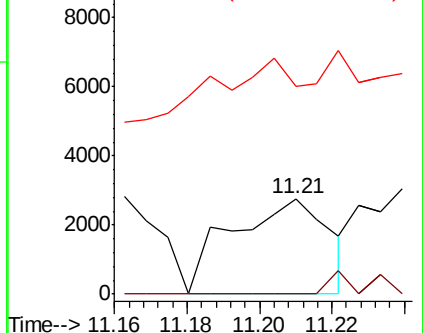
264 218.0 48.7 73.1#

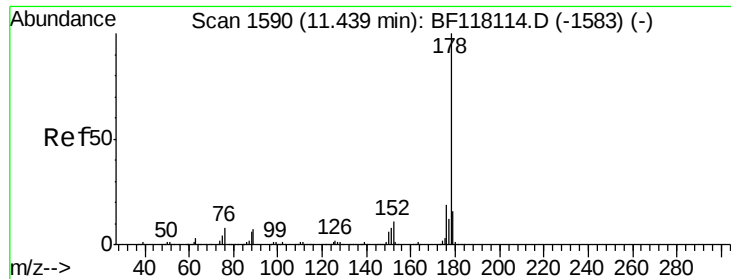


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

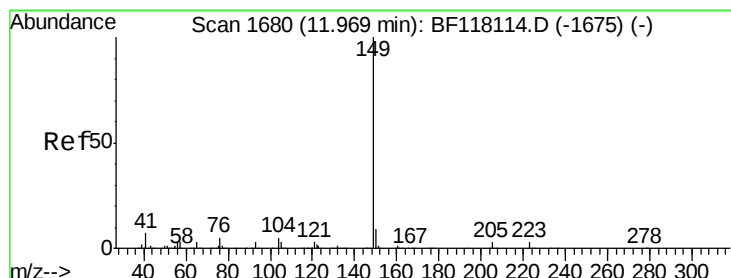
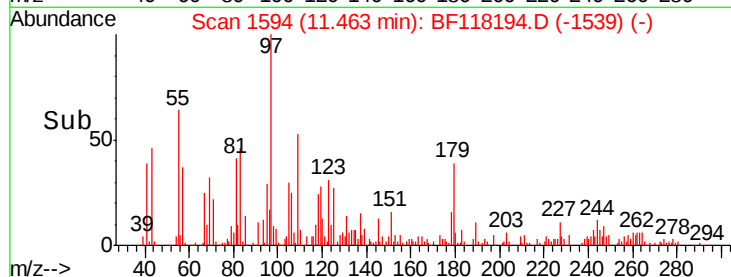
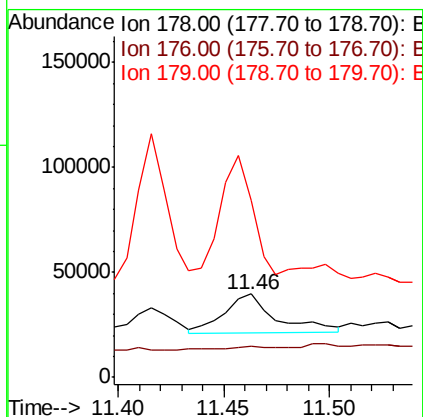
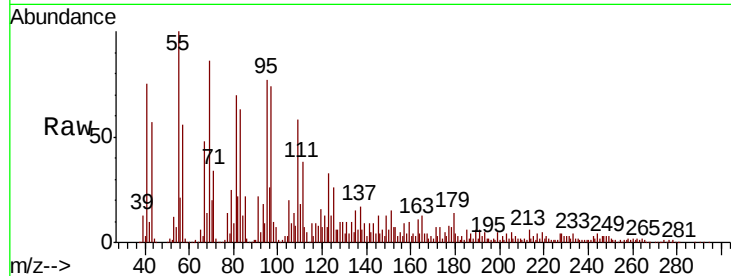




#71
Phenanthrene
Concen: 2.352 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.02 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

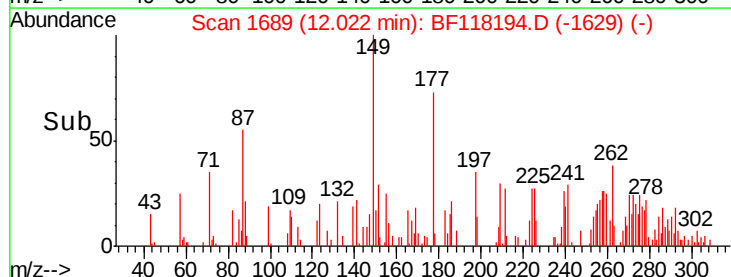
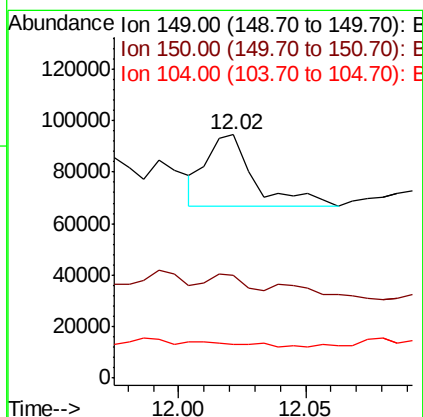
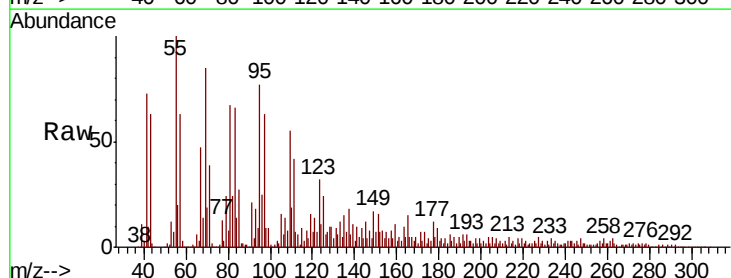
Instrument :
BNA_F
ClientSampleId :
T2-COMP

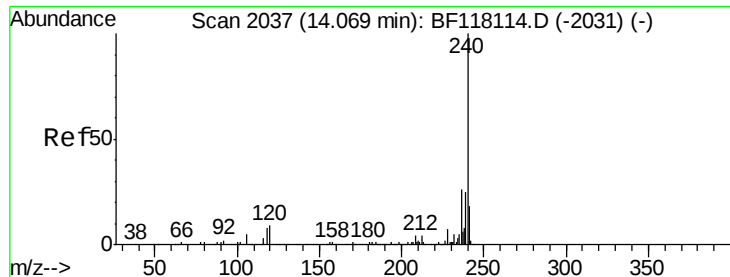
Tot Ion:178 Resp: 32336
Ion Ratio Lower Upper
178 100
176 37.9 15.5 23.3#
179 213.0 12.6 18.8#



#74
Di-n-butylphthalate
Concen: 2.387 ng
RT: 12.02 min Scan# 1689
Delta R.T. 0.05 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Tgt Ion:149 Resp: 36762
Ion Ratio Lower Upper
149 100
150 42.1 7.4 11.2#
104 14.0 4.3 6.5#

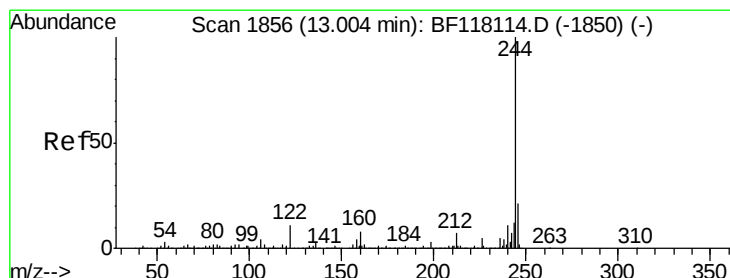
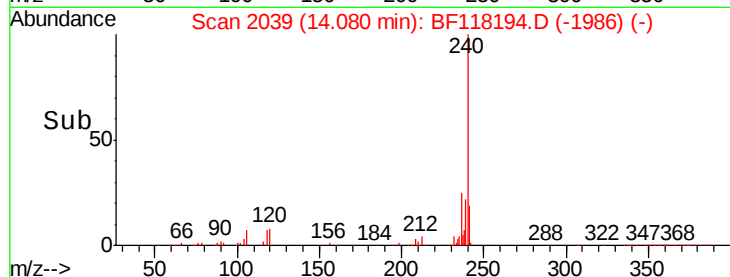
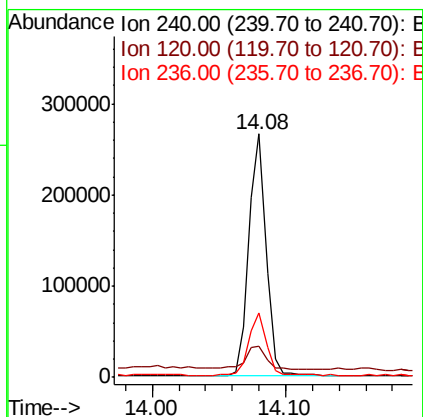
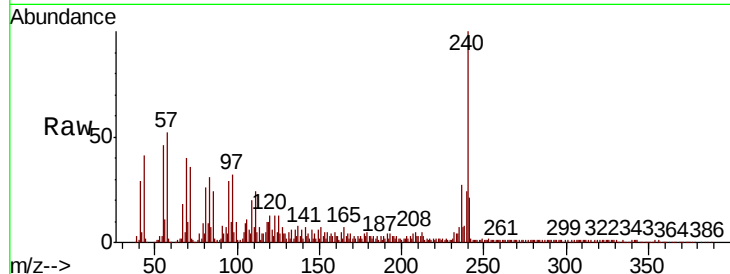




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF118194.D
 Acq: 13 Dec 2019 18:59

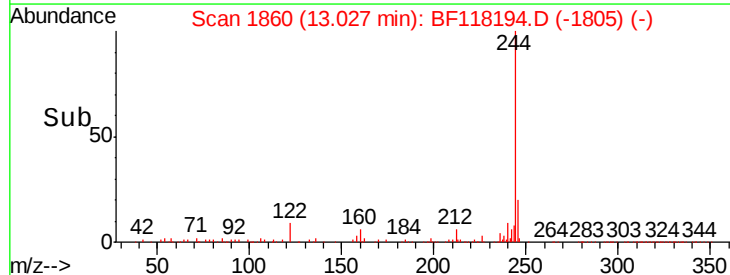
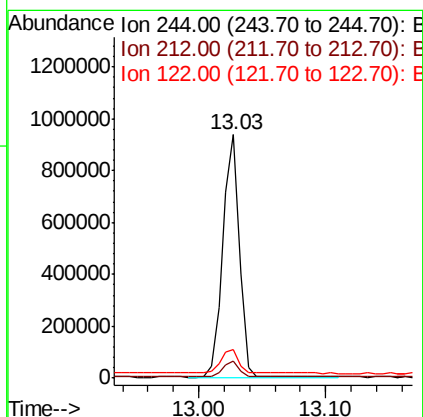
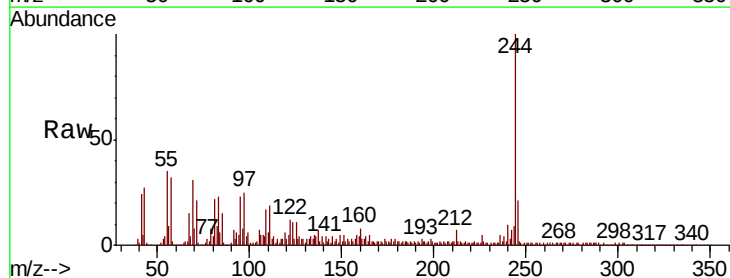
Instrument :
 BNA_F
 ClientSampleId :
 T2-COMP

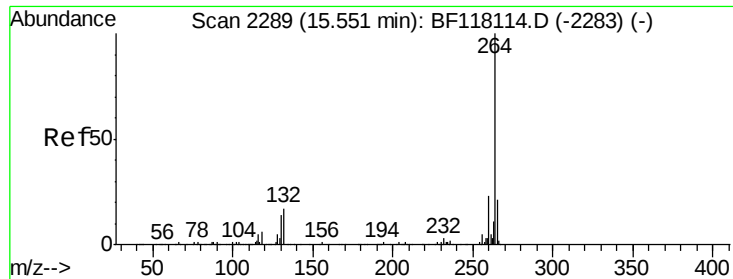
Tot Ion:240 Resp: 235660
 Ion Ratio Lower Upper
 240 100
 120 12.7 7.1 10.7#
 236 26.6 21.0 31.6



#79
 Terphenyl-d14
 Concen: 62.208 ng
 RT: 13.03 min Scan# 1860
 Delta R.T. 0.02 min
 Lab File: BF118194.D
 Acq: 13 Dec 2019 18:59

Tgt Ion:244 Resp: 852501
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.0 9.0 13.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118194.D
Acq: 13 Dec 2019 18:59

Instrument :
BNA_F
ClientSampleId :
T2-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	21.5	16.8	25.2

