

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111694.D
 Acq On : 21 Dec 2018 18:24
 Operator : JU/SJ
 Sample : J6391-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0612-01

Quant Time: Dec 21 22:35:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181726	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	637695	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	279212	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	475882	20.00	ng	0.00
76) Chrysene-d12	14.06	240	349649	20.00	ng	0.01
87) Perylene-d12	15.54	264	269442	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1476218	138.46	ng	0.02
7) Phenol-d6	6.55	99	1844925	135.97	ng	0.02
23) Nitrobenzene-d5	7.46	82	1193086	108.90	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	457691	138.73	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1954791	102.05	ng	0.00
79) Terphenyl-d14	13.01	244	1553743	84.27	ng	0.01

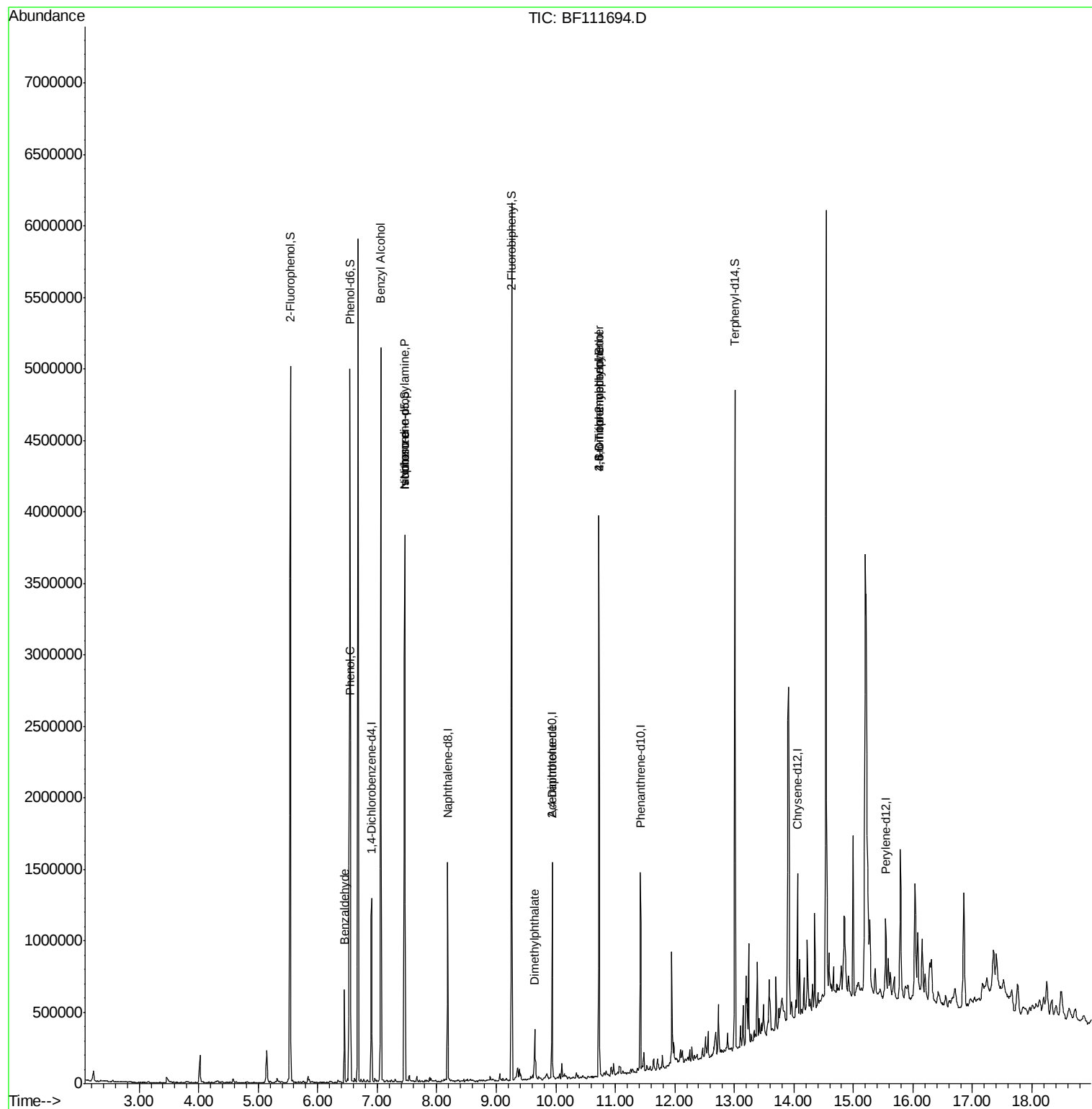
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	114888	12.312	ng	93
10) Phenol	6.56	94	113757	7.431	ng	93
15) Benzyl Alcohol	7.06	79	24518	2.275	ng	# 37
19) n-Nitroso-di-n-propylamine	7.46	70	167110	18.545	ng	# 76
25) Isophorone	7.46	82	1191194	61.247	ng	# 64
50) Dimethylphthalate	9.65	163	129078	6.322	ng	99
57) 2,4-Dinitrotoluene	9.94	165	36109	7.379	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	981	7.122	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	27183	4.605	ng	# 1

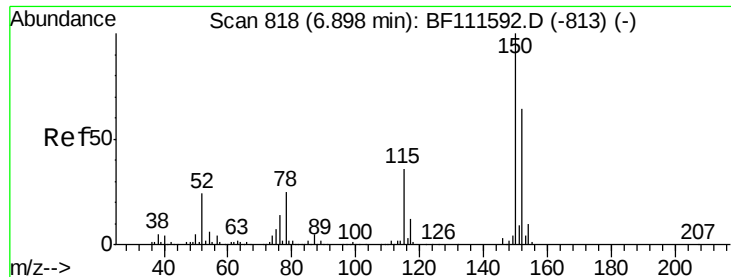
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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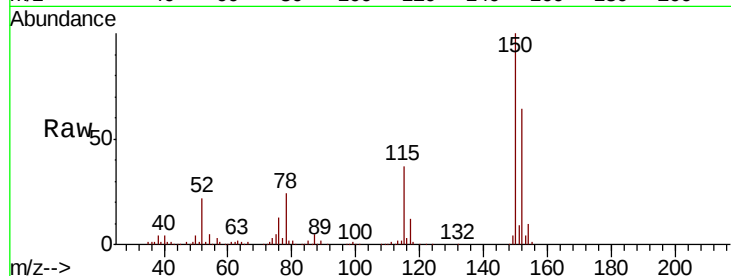


#1

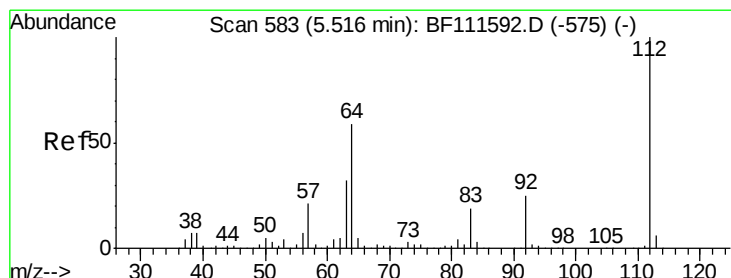
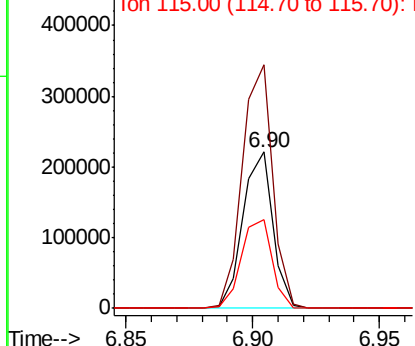
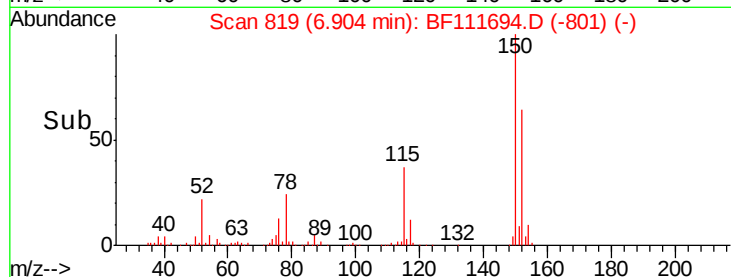
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0612-01

Tgt Ion:152 Resp: 181726
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 57.0 50.7 76.1



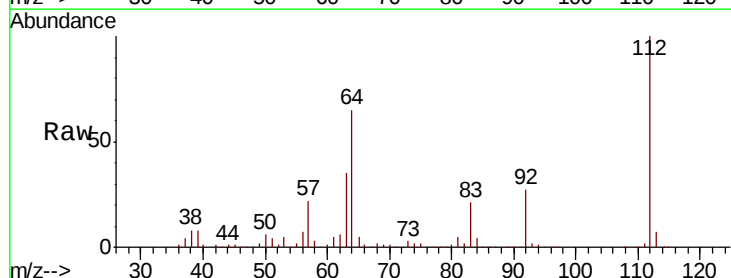
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



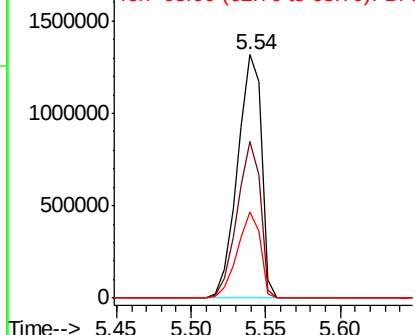
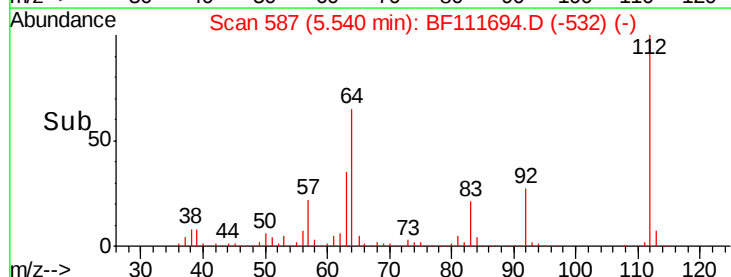
#5

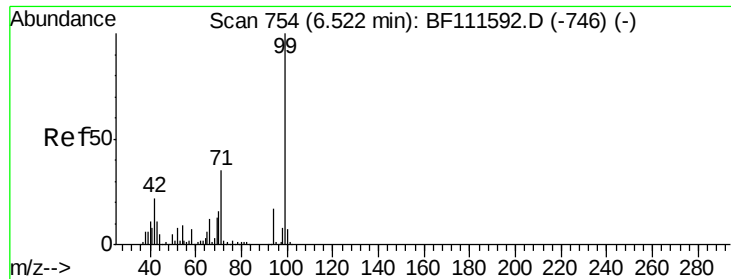
2-Fluorophenol
Concen: 138.465 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Tgt Ion:112 Resp: 1476218
Ion Ratio Lower Upper
112 100
64 64.6 51.8 77.6
63 35.3 26.8 40.2



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: 135.975 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111694.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0612-01

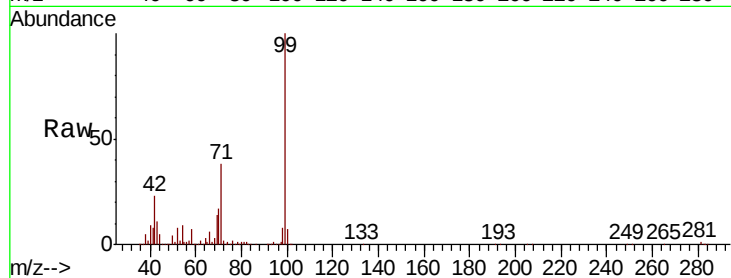
Tgt Ion: 99 Resp: 1844925

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

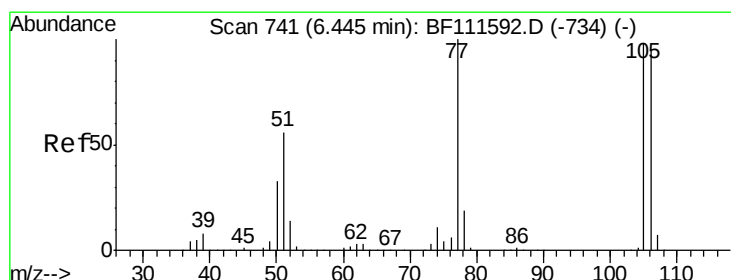
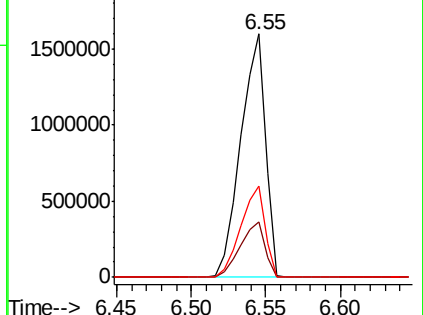
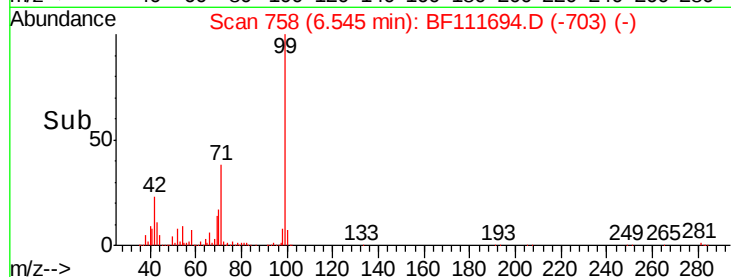
71 37.7 26.1 39.1



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



#9

Benzaldehyde

Concen: 12.312 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111694.D

Acq: 21 Dec 2018 18:24

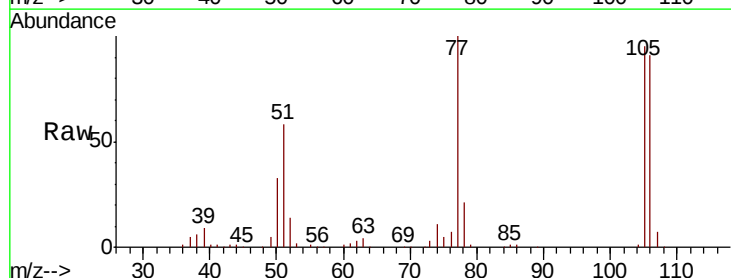
Tgt Ion: 77 Resp: 114888

Ion Ratio Lower Upper

77 100

105 94.7 81.4 121.4

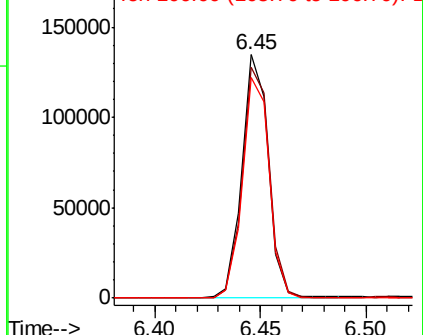
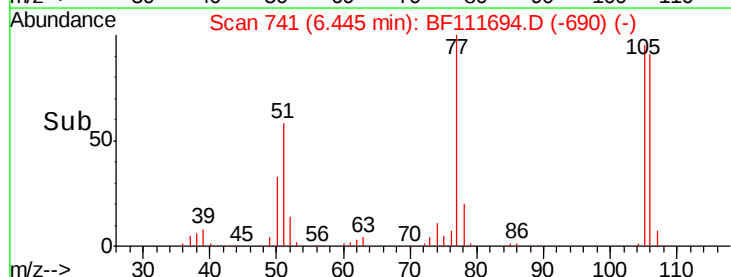
106 90.7 77.9 117.9

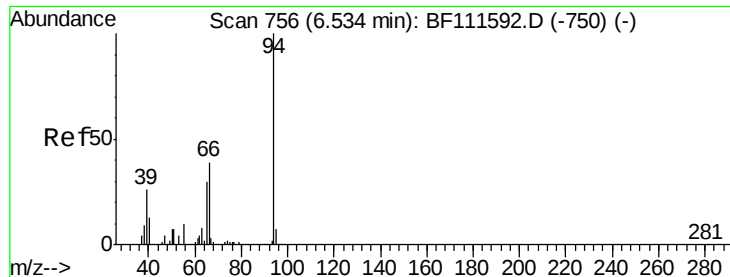


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 7.431 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111694.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0612-01

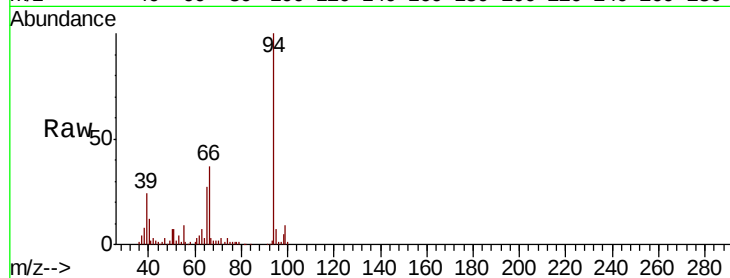
Tgt Ion: 94 Resp: 113757

Ion Ratio Lower Upper

94 100

65 27.5 11.7 51.7

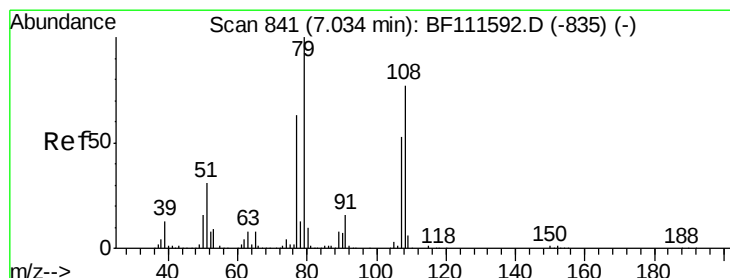
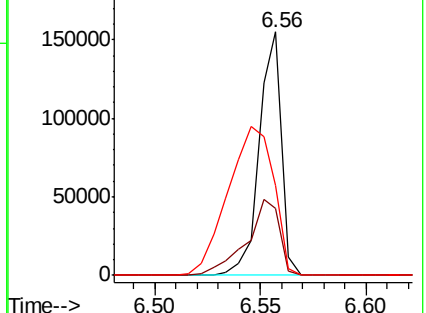
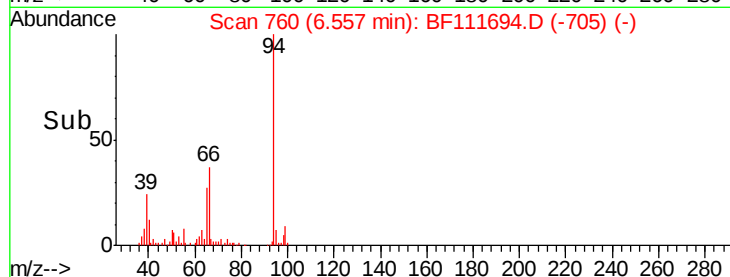
66 37.0 21.0 61.0



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



#15

Benzyl Alcohol

Concen: 2.275 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.03 min

Lab File: BF111694.D

Acq: 21 Dec 2018 18:24

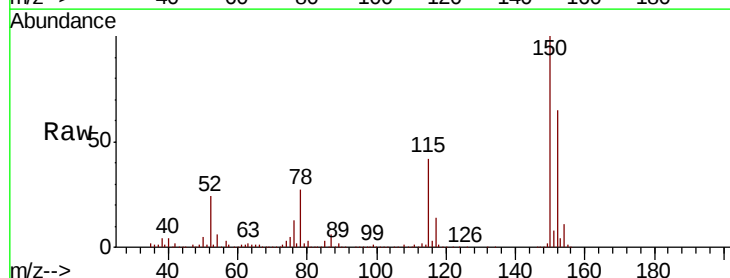
Tgt Ion: 79 Resp: 24518

Ion Ratio Lower Upper

79 100

108 34.4 69.4 104.2#

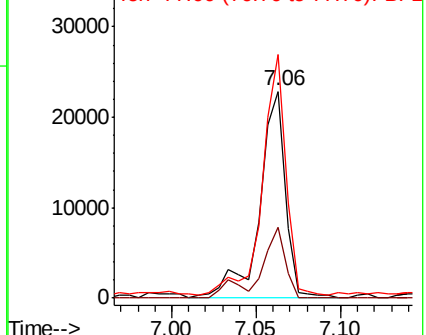
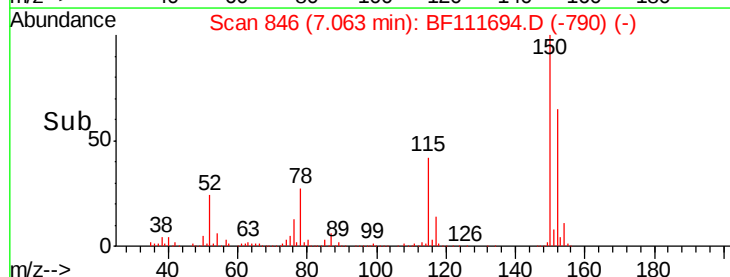
77 117.9 49.7 74.5#

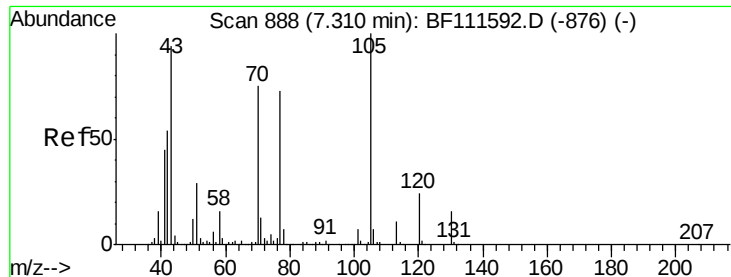


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

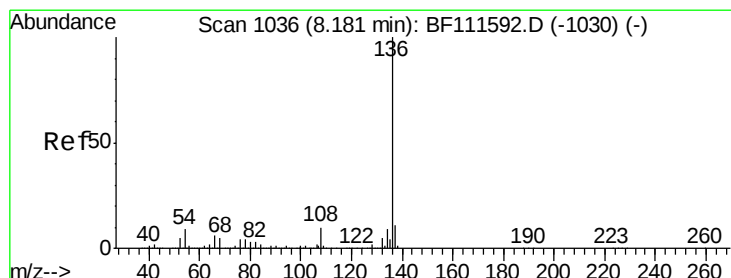
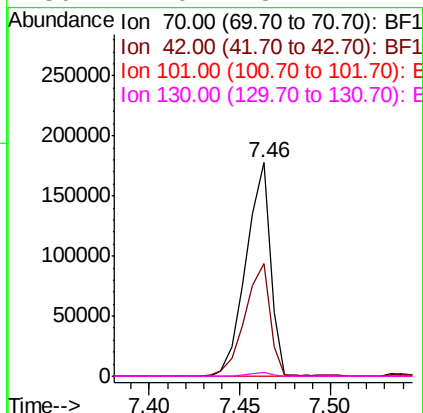
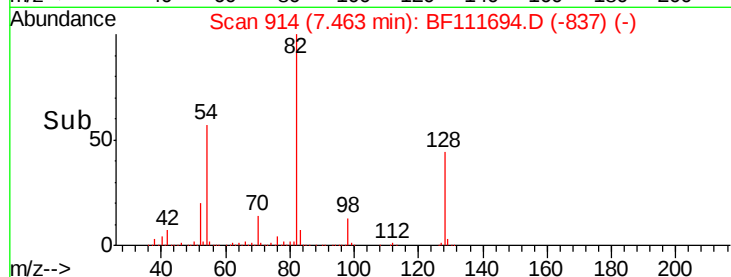
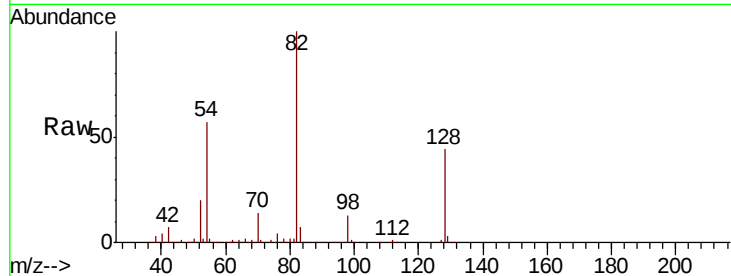




#19
n-Nitroso-di-n-propylamine
Concen: 18.545 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

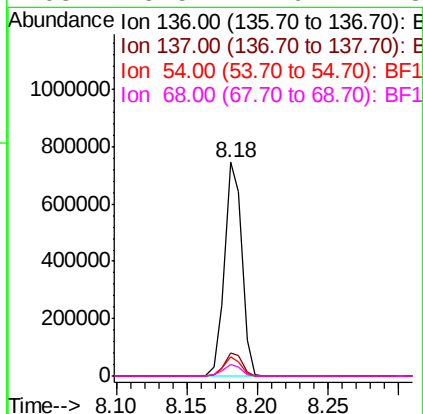
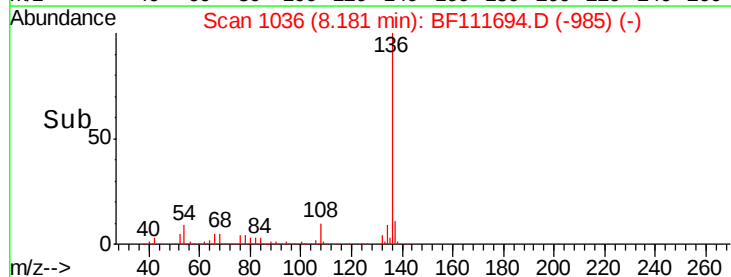
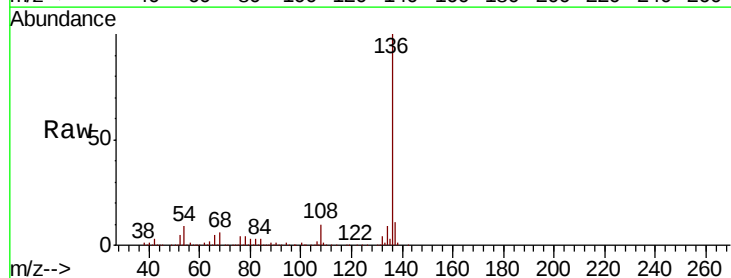
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0612-01

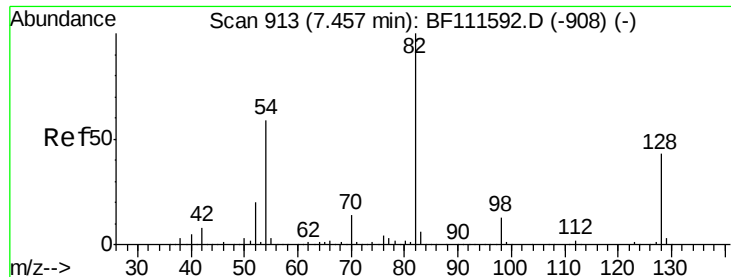
Tgt Ion: 70 Resp: 167110
Ion Ratio Lower Upper
70 100
42 52.8 53.2 79.8#
101 0.0 8.2 12.4#
130 2.0 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Tgt Ion: 136 Resp: 637695
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.1 7.7 11.5
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 108.903 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111694.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0612-01

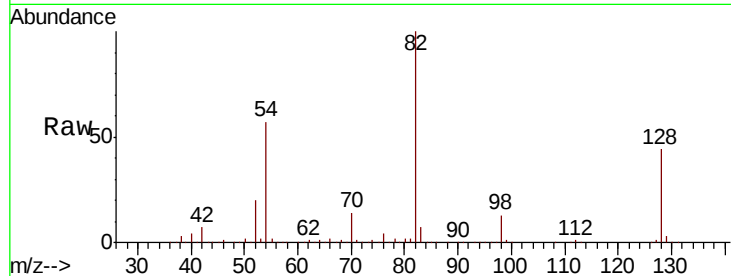
Tgt Ion: 82 Resp: 1193086

Ion Ratio Lower Upper

82 100

128 44.4 37.4 56.2

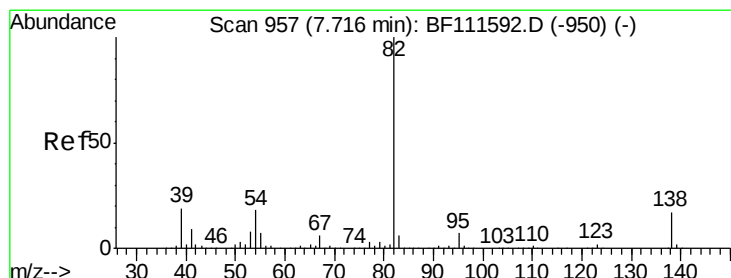
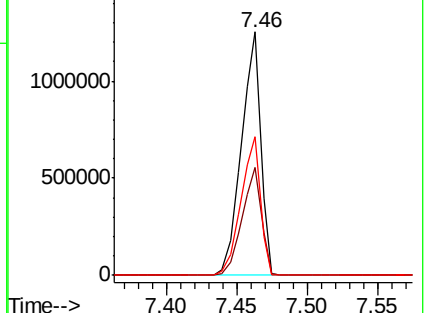
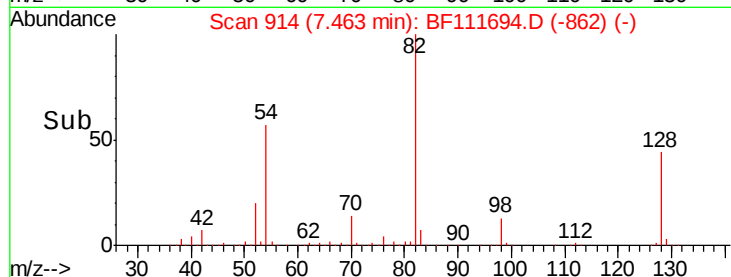
54 57.0 47.6 71.4



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: 61.247 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.25 min

Lab File: BF111694.D

Acq: 21 Dec 2018 18:24

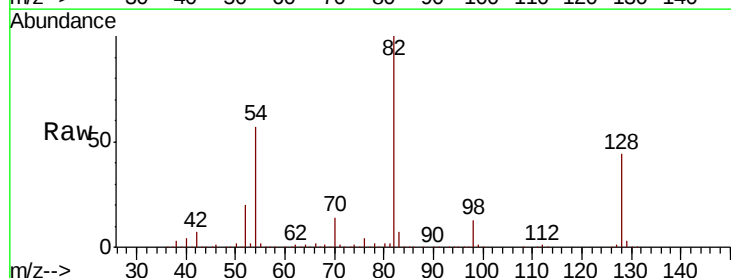
Tgt Ion: 82 Resp: 1191194

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

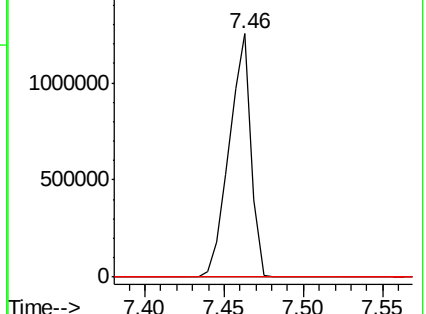
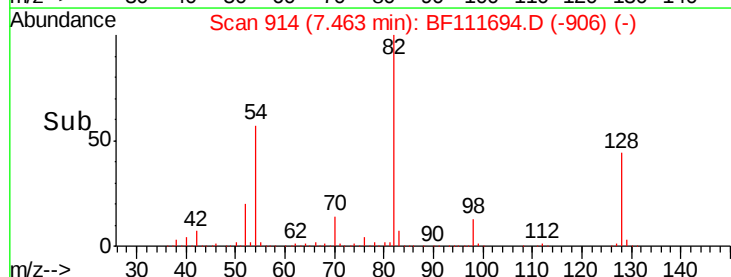
138 0.0 15.1 22.7#

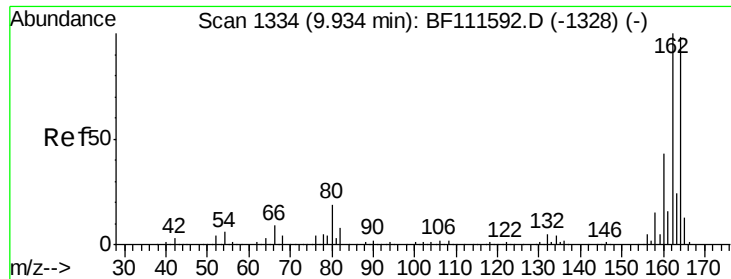


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111694.D

Acq: 21 Dec 2018 18:24

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0612-01

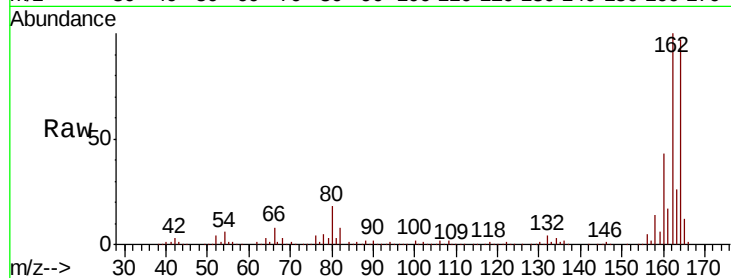
Tgt Ion:164 Resp: 279212

Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.0

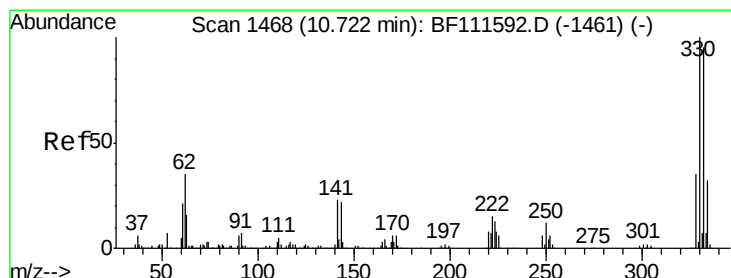
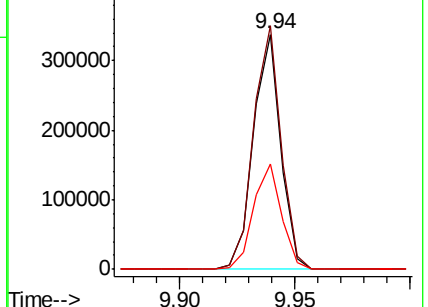
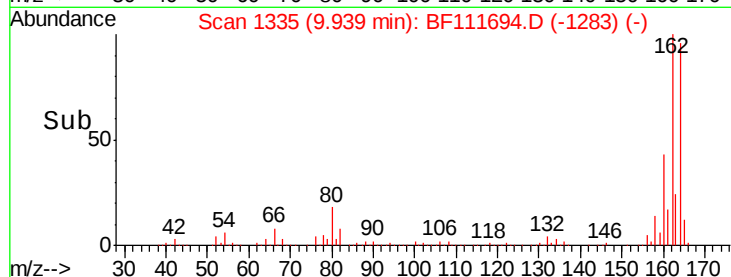
160 44.8 35.7 53.5



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: 138.732 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111694.D

Acq: 21 Dec 2018 18:24

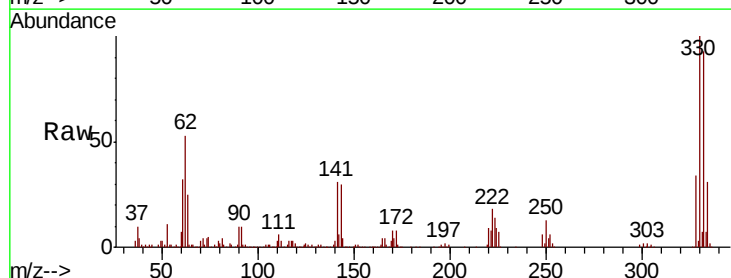
Tgt Ion:330 Resp: 457691

Ion Ratio Lower Upper

330 100

332 93.1 76.0 114.0

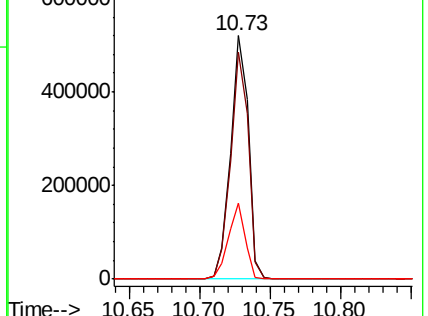
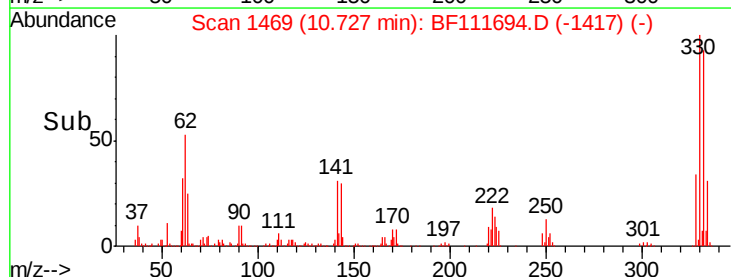
141 29.5 31.0 46.6#

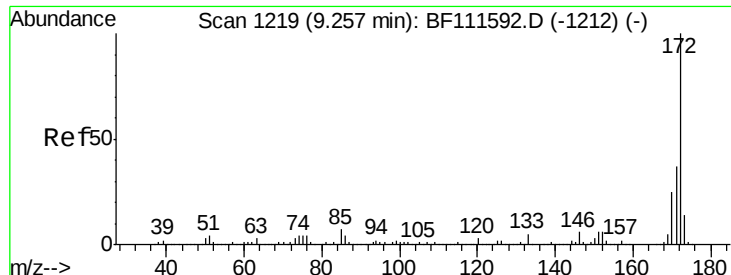


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

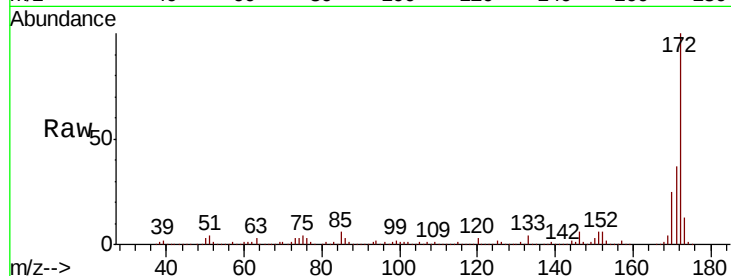




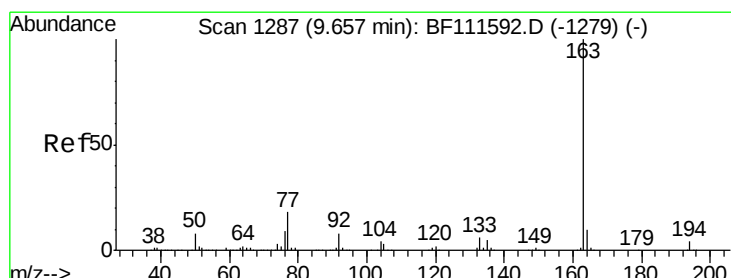
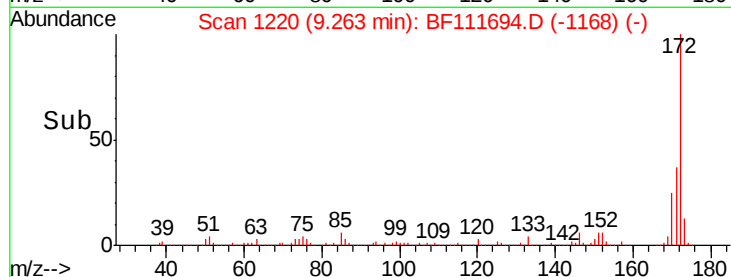
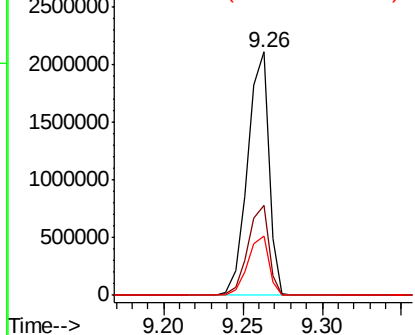
#45
2-Fluorobiphenyl
Concen: 102.046 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0612-01

Tgt Ion:172 Resp: 1954791
Ion Ratio Lower Upper
172 100
171 36.8 33.0 49.4
170 24.6 22.3 33.5

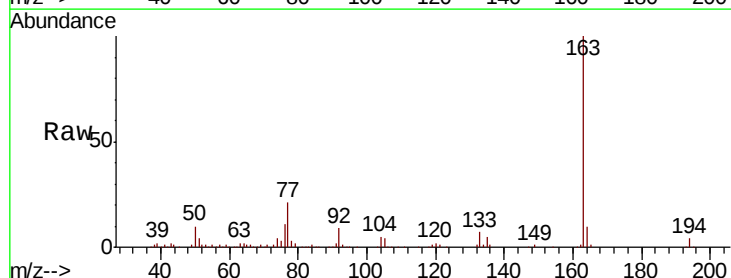


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

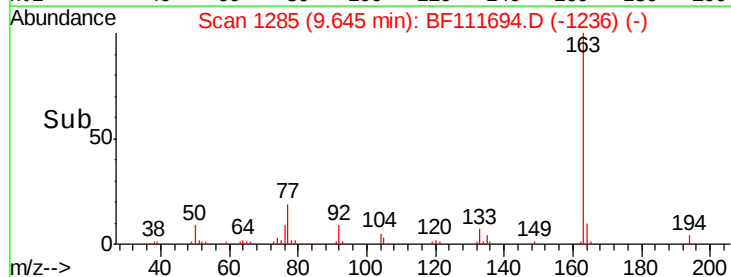
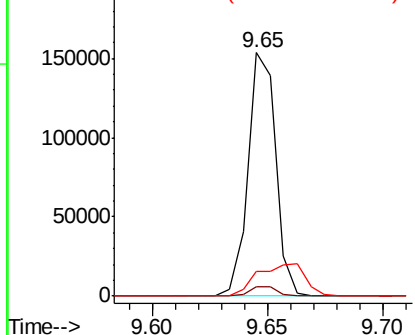


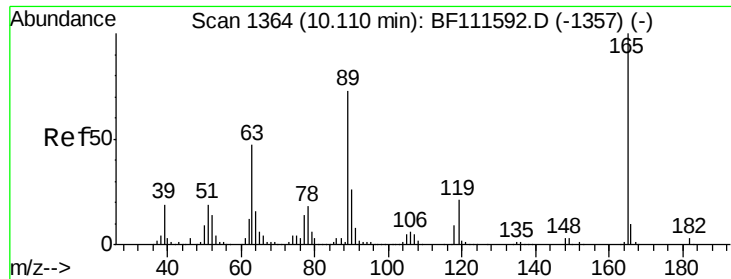
#50
Dimethylphthalate
Concen: 6.322 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Tgt Ion:163 Resp: 129078
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.4 8.9 13.3



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

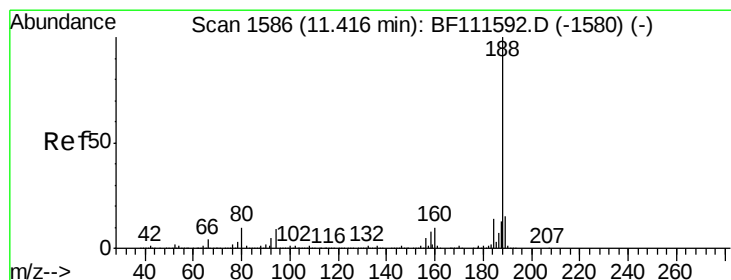
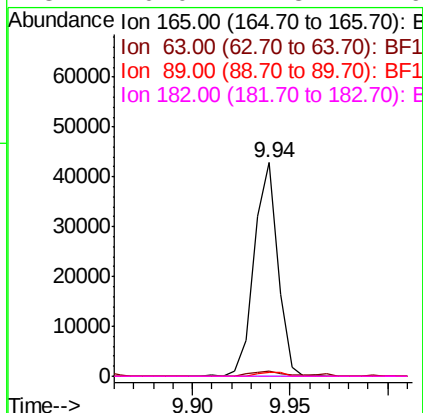
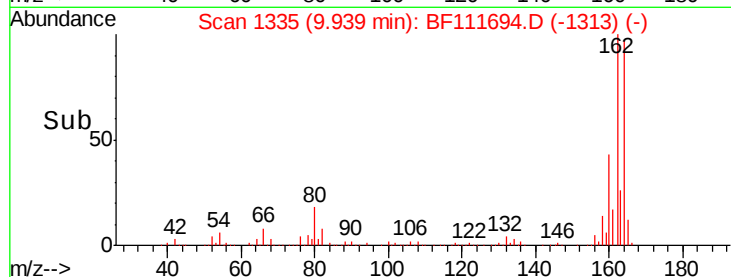
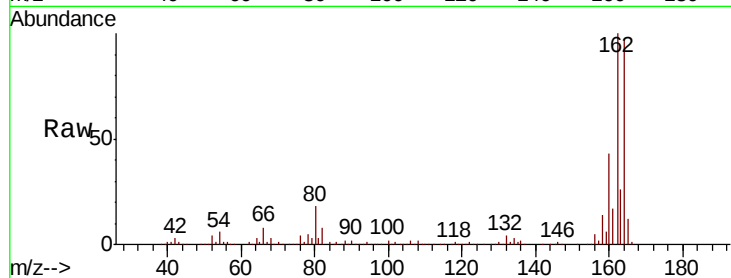




#57
2,4-Dinitrotoluene
Concen: 7.379 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

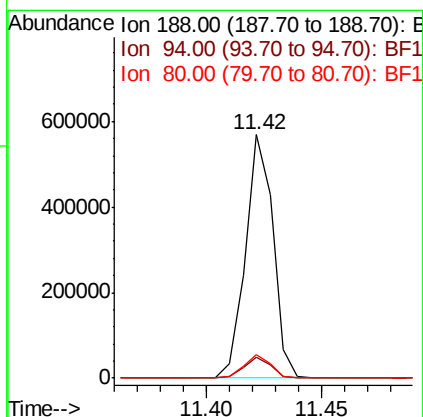
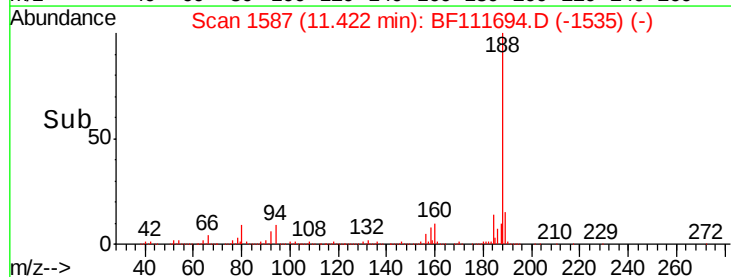
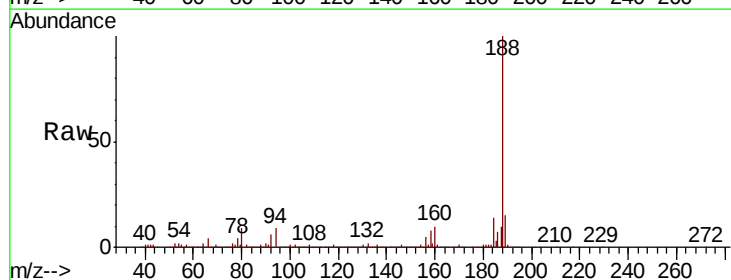
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0612-01

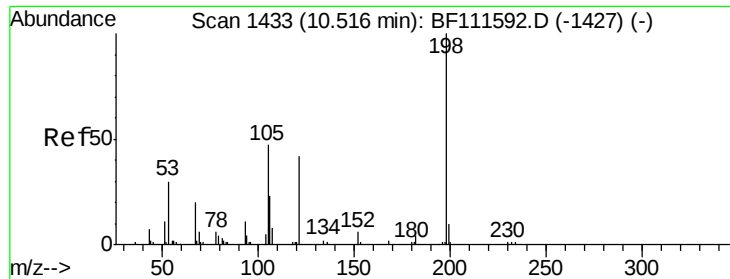
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	34.6	52.0#
89	2.0	56.2	84.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	9.6	14.4#
80	9.5	9.8	14.6#

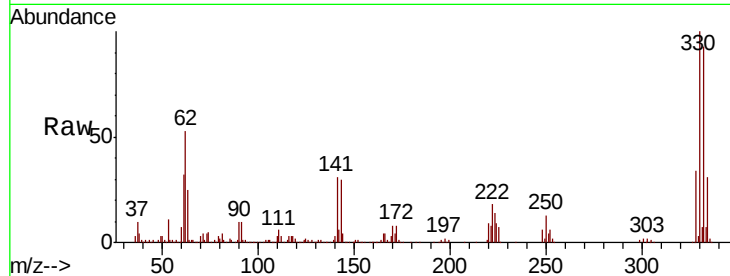




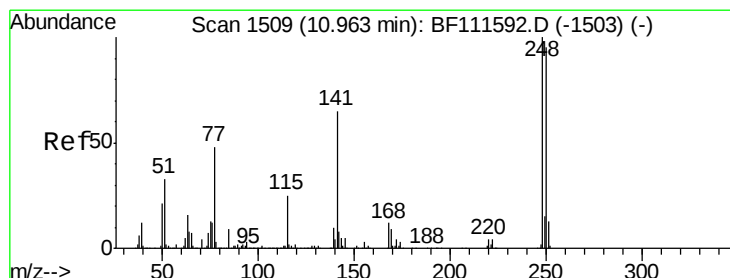
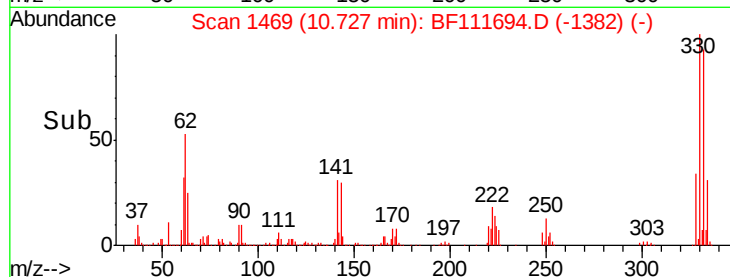
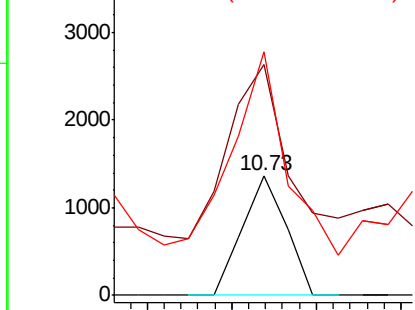
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.122 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.21 min
 Lab File: BF111694.D
 Acq: 21 Dec 2018 18:24

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0612-01

Tgt Ion:198 Resp: 981
 Ion Ratio Lower Upper
 198 100
 51 192.3 48.0 88.0#
 105 203.1 34.0 74.0#

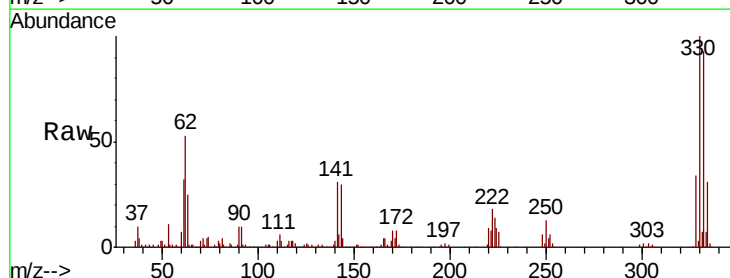


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

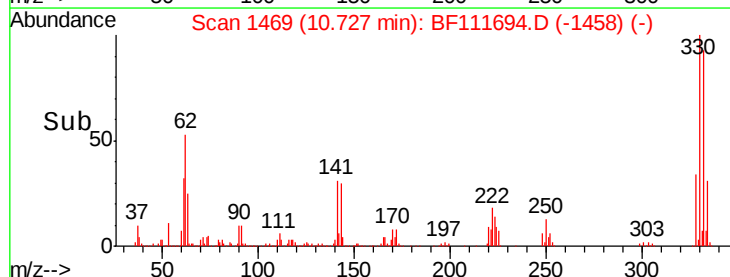
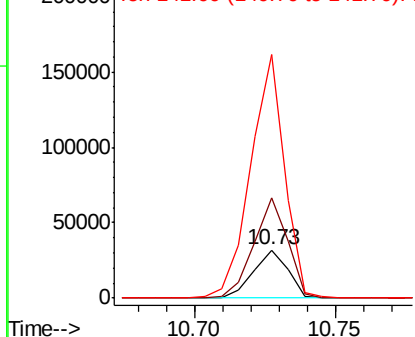


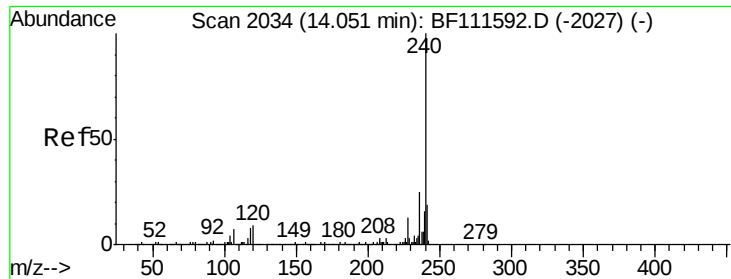
#67
 4-Bromophenyl-phenylether
 Concen: 4.605 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF111694.D
 Acq: 21 Dec 2018 18:24

Tgt Ion:248 Resp: 27183
 Ion Ratio Lower Upper
 248 100
 250 209.4 77.0 115.4#
 141 509.3 63.0 94.6#



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

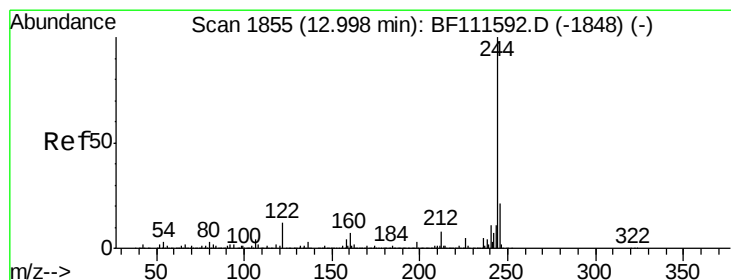
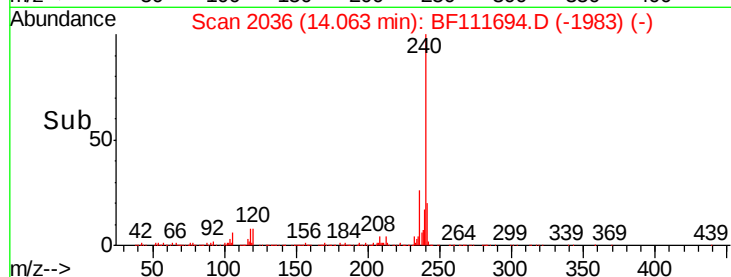
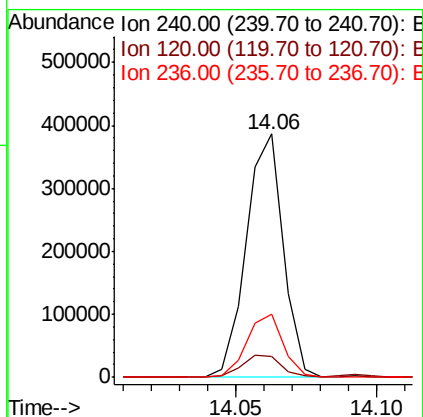
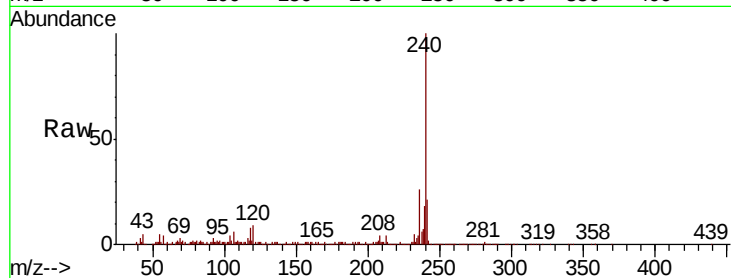




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

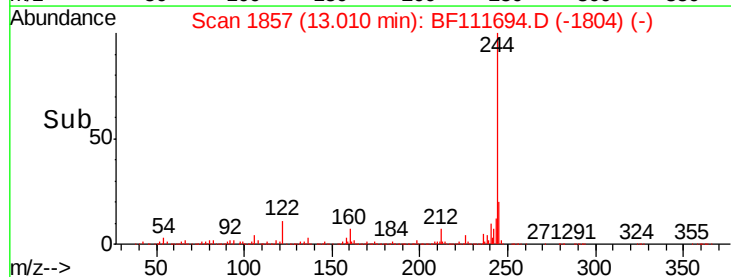
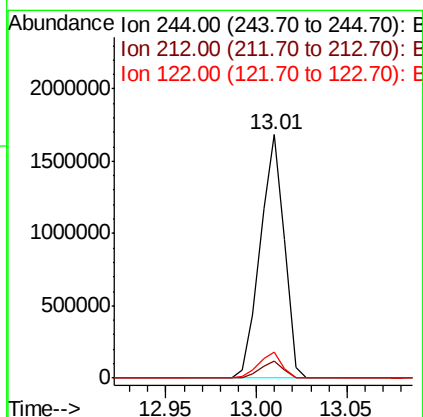
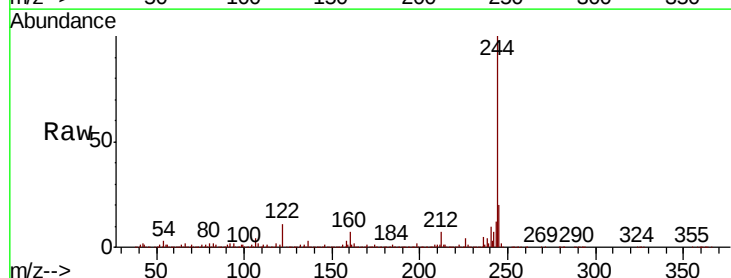
Instrument :
BNA_F
ClientSampleId :
P001-SS016-0612-01

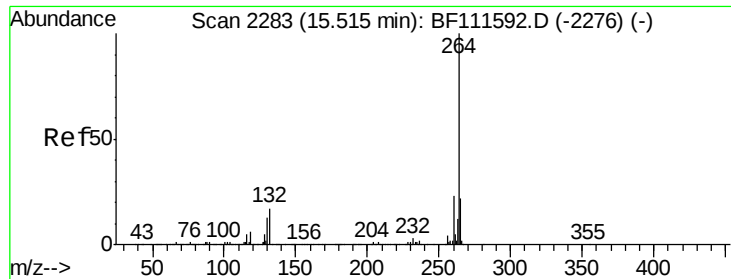
Tgt Ion:240 Resp: 349649
Ion Ratio Lower Upper
240 100
120 8.8 12.2 18.2#
236 26.0 20.2 30.2



#79
Terphenyl-d14
Concen: 84.271 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Tgt Ion:244 Resp: 1553743
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.8 13.1 19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111694.D
Acq: 21 Dec 2018 18:24

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0612-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.7	17.7	26.5

