

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111650.D
 Acq On : 20 Dec 2018 20:32
 Operator : JU/SJ
 Sample : J6353-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-0002-01

Quant Time: Dec 21 06:21:37 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

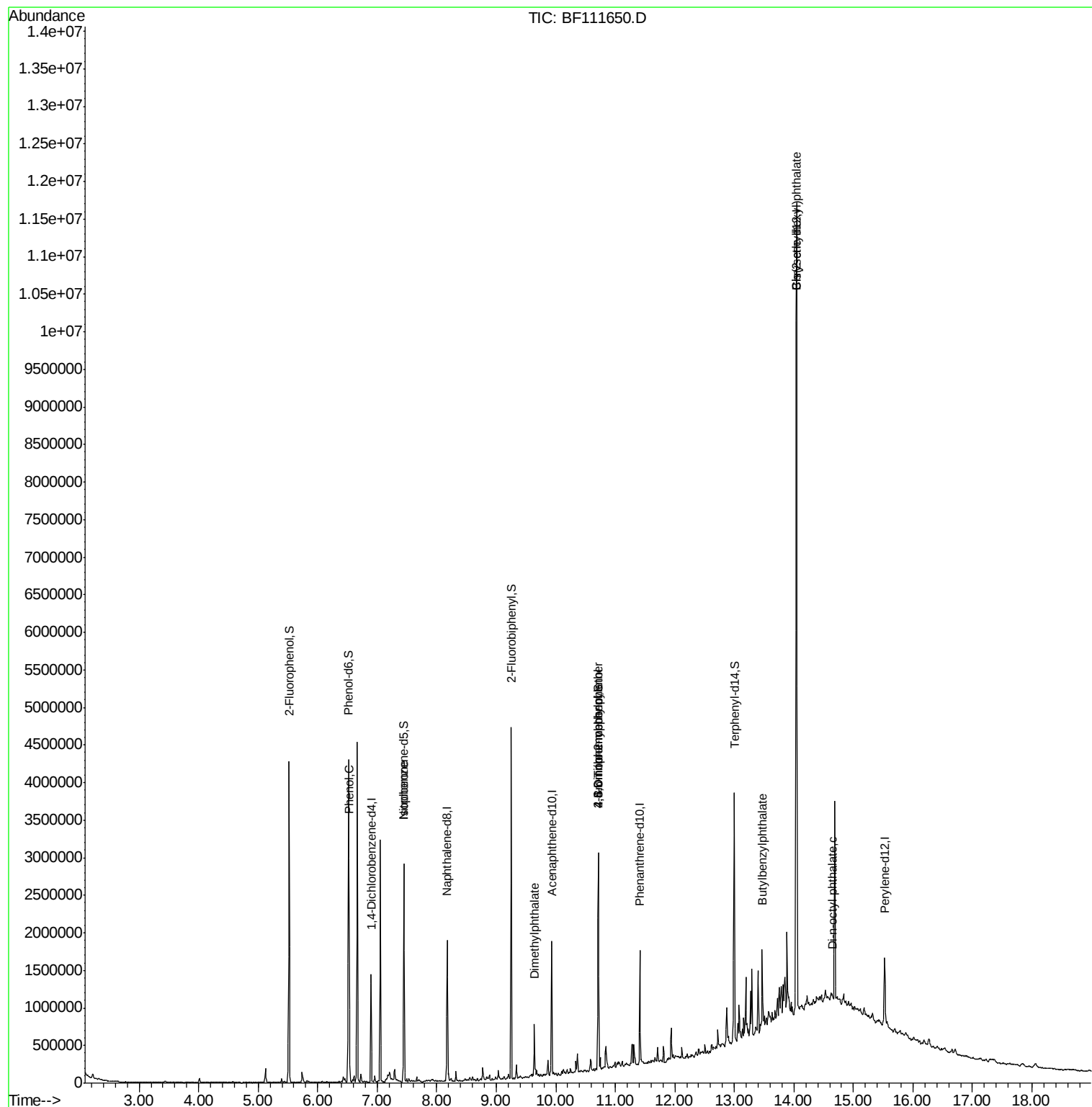
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	210947	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	767378	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	361819	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	560303	20.00	ng	0.00
76) Chrysene-d12	14.05	240	397451	20.00	ng	0.00
87) Perylene-d12	15.53	264	442196	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1099345	88.83	ng	0.00
7) Phenol-d6	6.52	99	1443963	91.68	ng	0.00
23) Nitrobenzene-d5	7.45	82	868424	65.87	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	340738	79.70	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1331453	53.64	ng	0.00
79) Terphenyl-d14	13.00	244	1110995	53.01	ng	0.00
Target Compounds						
10) Phenol	6.53	94	155263	8.737	ng	96
25) Isophorone	7.45	82	866718	37.032	ng	# 64
50) Dimethylphthalate	9.64	163	236576	8.941	ng	99
65) 4,6-Dinitro-2-methylphenol	10.72	198	836	7.004	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	20489	2.948	ng	# 1
80) Butylbenzylphthalate	13.47	149	268724	23.488	ng	85
84) Bis(2-ethylhexyl)phthalate	14.04	149	2979999	206.786	ng	# 97
85) Di-n-octyl phthalate	14.64	149	48376	2.167	ng	# 69

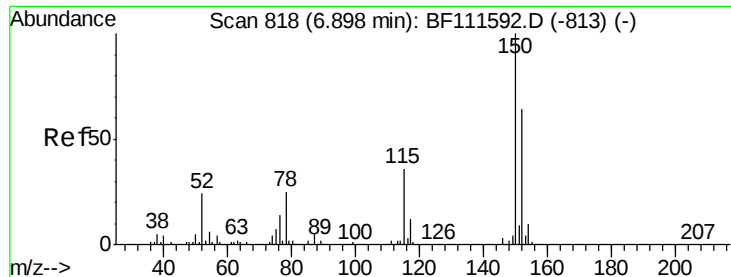
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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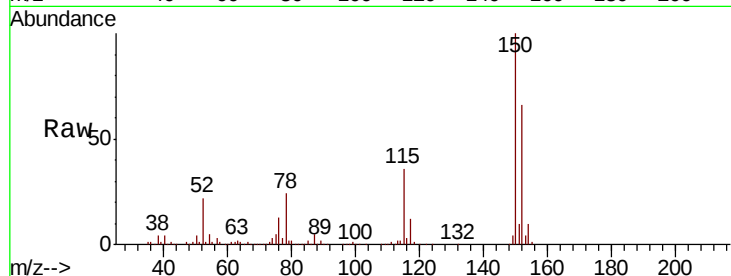


#1

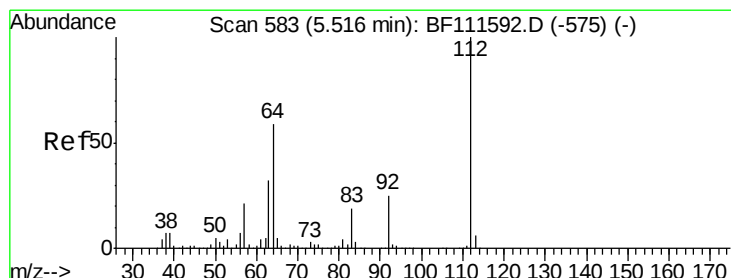
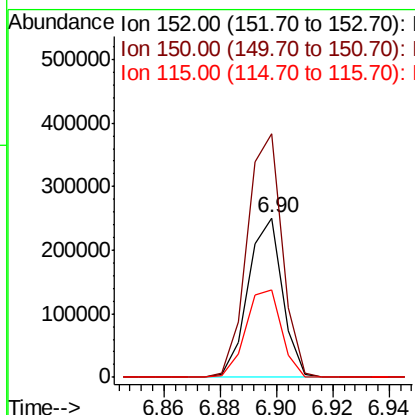
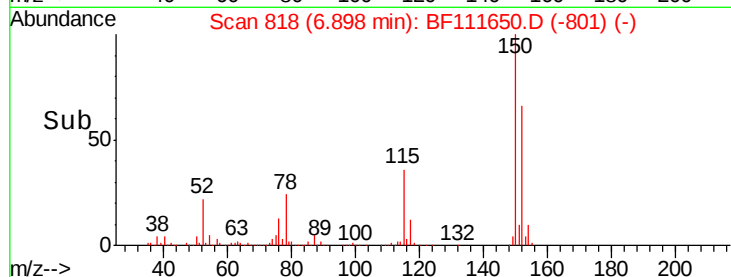
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111650.D
Acq: 20 Dec 2018 20:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0002-01

Tgt Ion:152 Resp: 210947
Ion Ratio Lower Upper
152 100
150 152.5 126.6 189.8
115 54.9 50.7 76.1



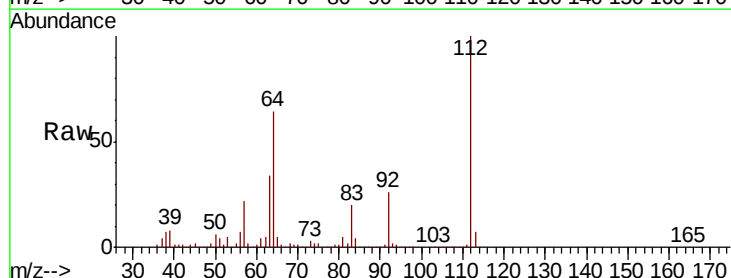
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



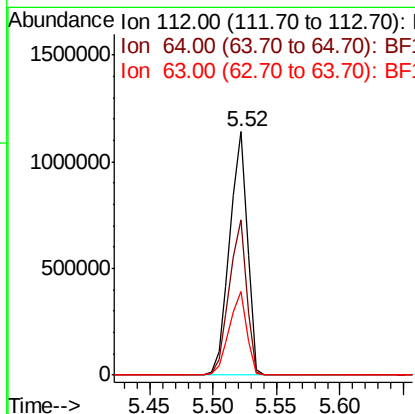
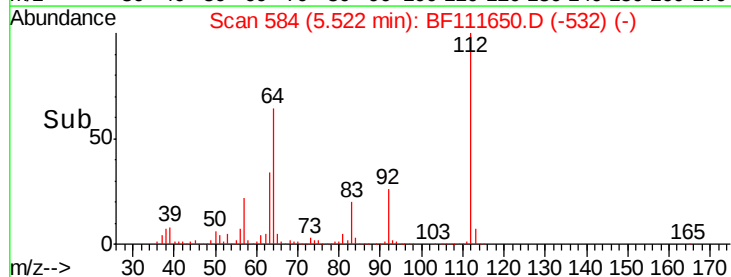
#5

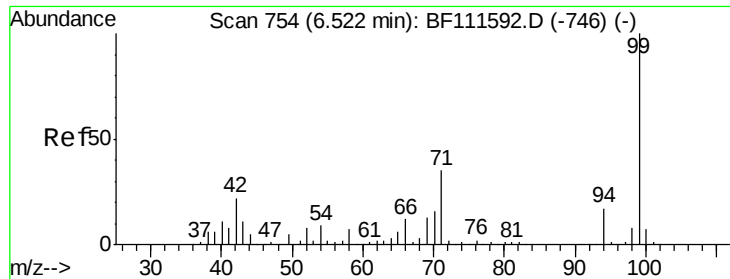
2-Fluorophenol
Concen: 88.831 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111650.D
Acq: 20 Dec 2018 20:32

Tgt Ion:112 Resp: 1099345
Ion Ratio Lower Upper
112 100
64 63.8 51.8 77.6
63 34.4 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: 91.681 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111650.D

Acq: 20 Dec 2018 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS006-0002-01

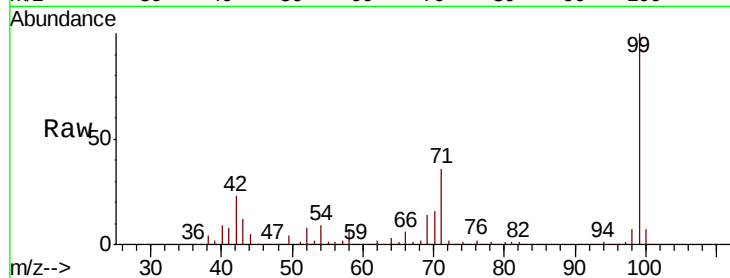
Tgt Ion: 99 Resp: 1443963

Ion Ratio Lower Upper

99 100

42 23.0 17.4 26.0

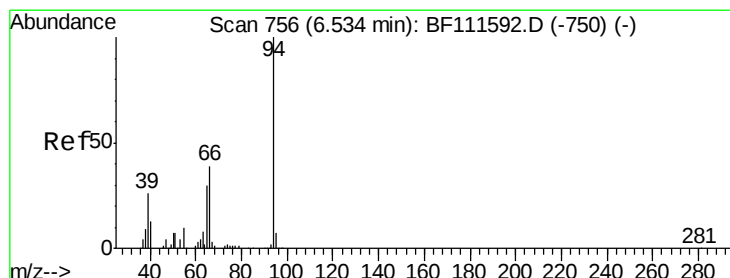
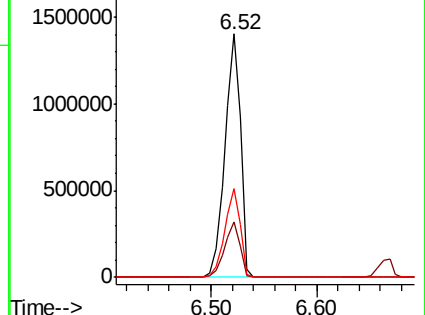
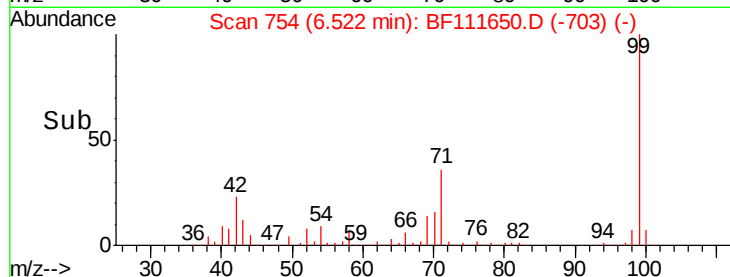
71 36.3 26.1 39.1



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



#10

Phenol

Concen: 8.737 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111650.D

Acq: 20 Dec 2018 20:32

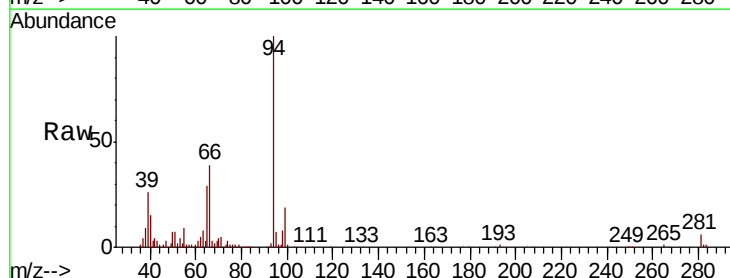
Tgt Ion: 94 Resp: 155263

Ion Ratio Lower Upper

94 100

65 29.1 11.7 51.7

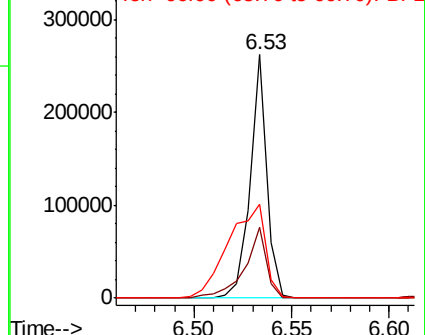
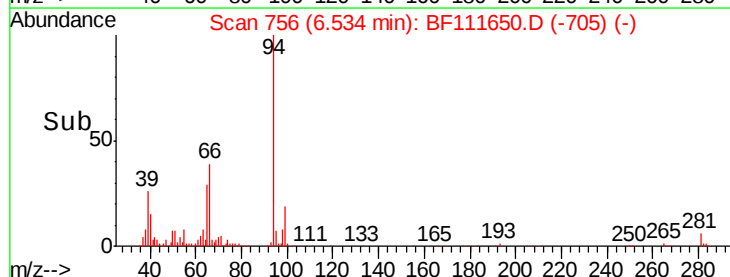
66 38.7 21.0 61.0

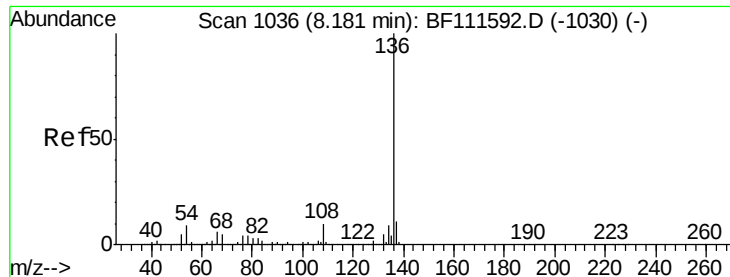


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

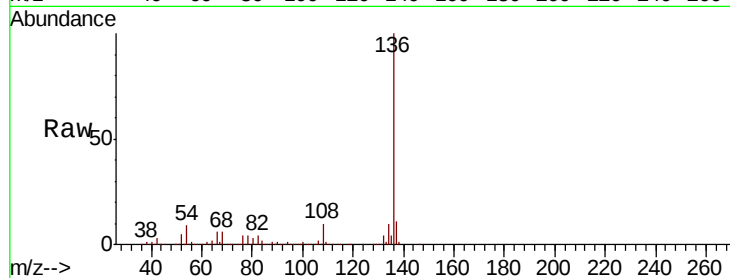




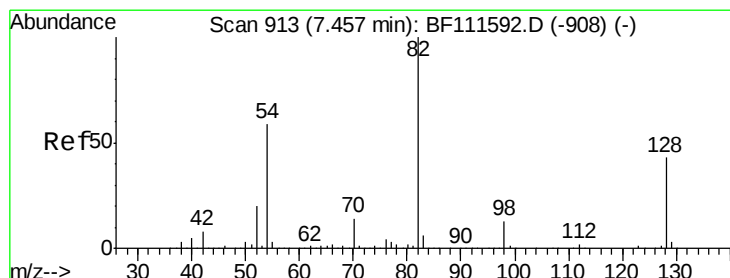
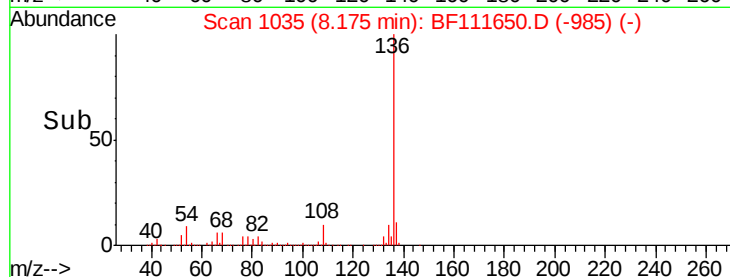
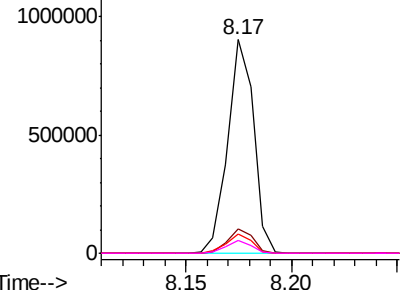
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111650.D
Acq: 20 Dec 2018 20:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0002-01

Tgt Ion:	136	Resp:	767378
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.9	7.7	11.5
68	5.7	4.9	7.3

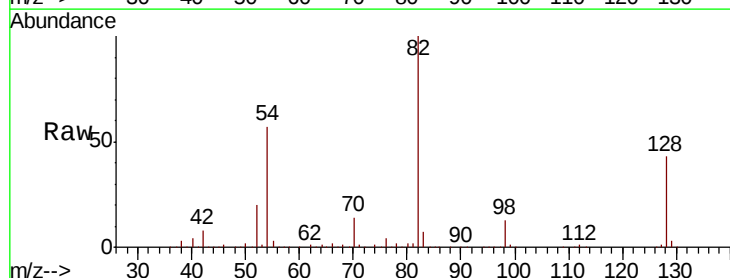


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

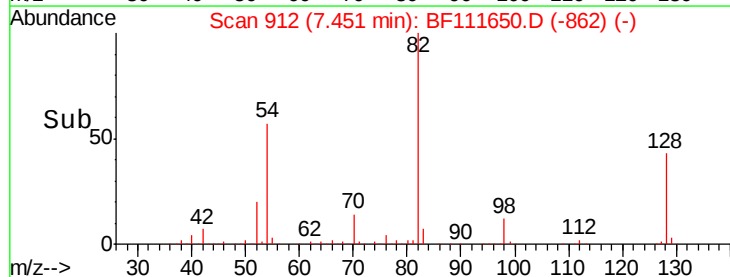
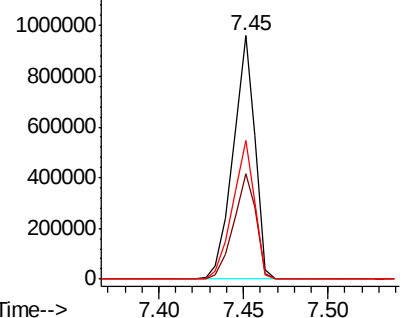


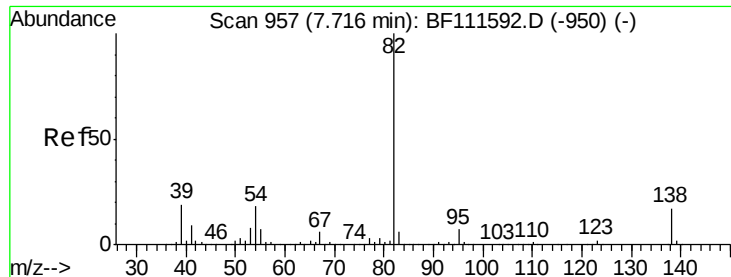
#23
Nitrobenzene-d5
Concen: 65.872 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111650.D
Acq: 20 Dec 2018 20:32

Tgt Ion:	82	Resp:	868424
Ion	Ratio	Lower	Upper
82	100		
128	43.4	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): E
Ion 54.00 (53.70 to 54.70): BF1

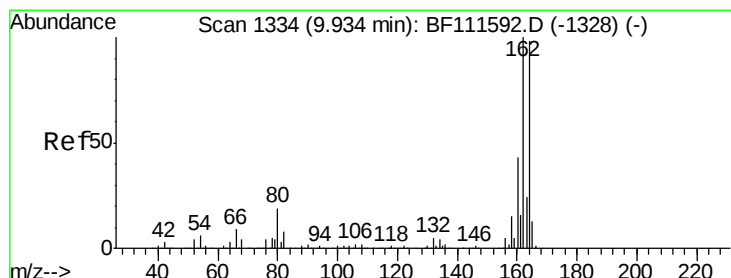
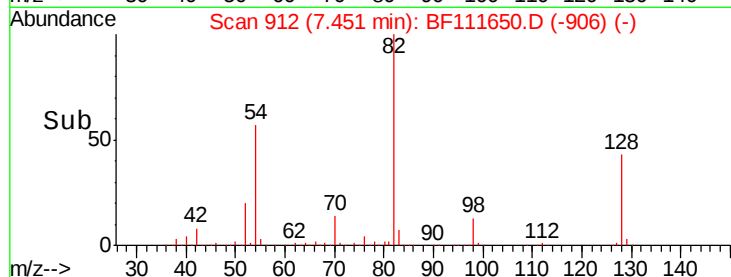
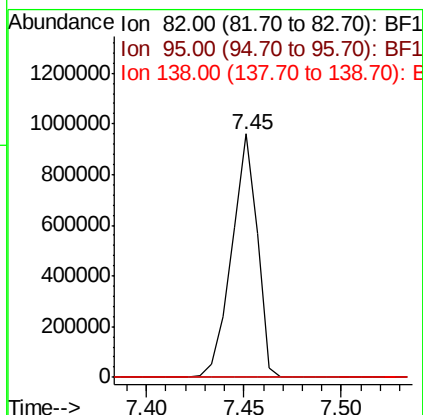
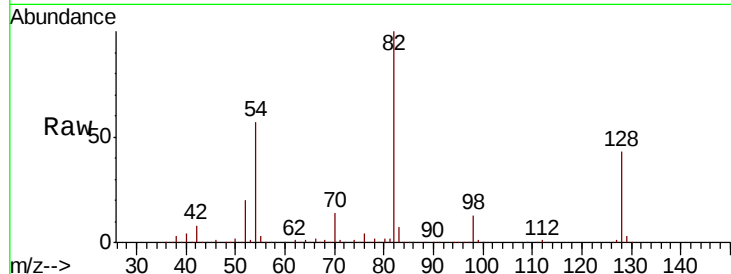




#25
Isophorone
Concen: 37.032 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111650.D
Acq: 20 Dec 2018 20:32

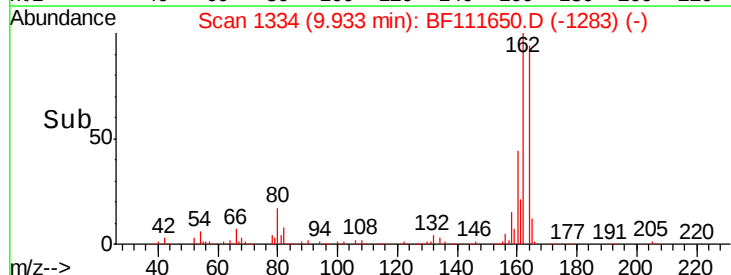
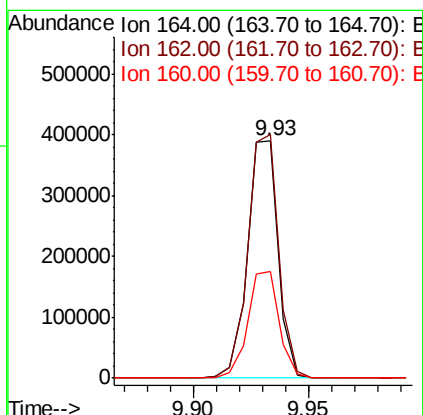
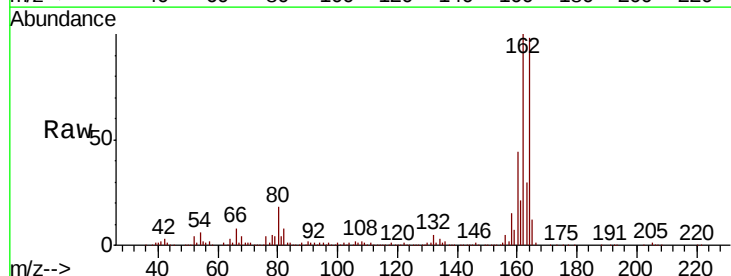
Instrument :
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ClientSampleId :
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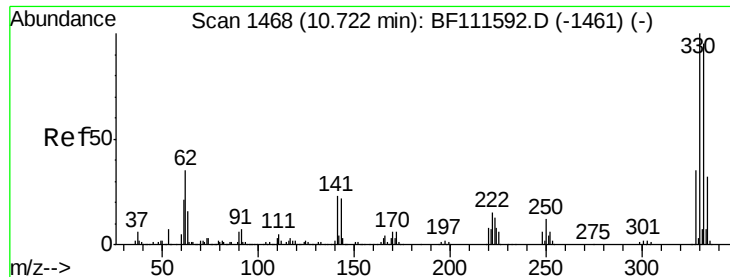
Tgt Ion: 82 Resp: 866718
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111650.D
Acq: 20 Dec 2018 20:32

Tgt Ion: 164 Resp: 361819
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.0
160 45.0 35.7 53.5

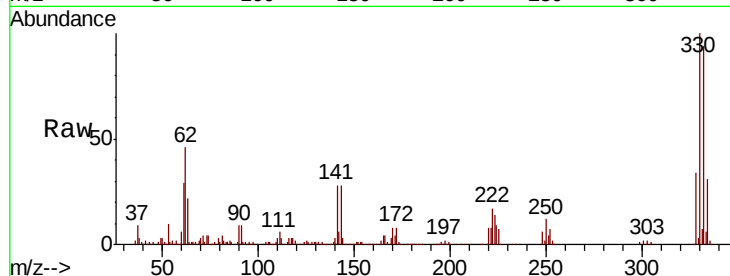




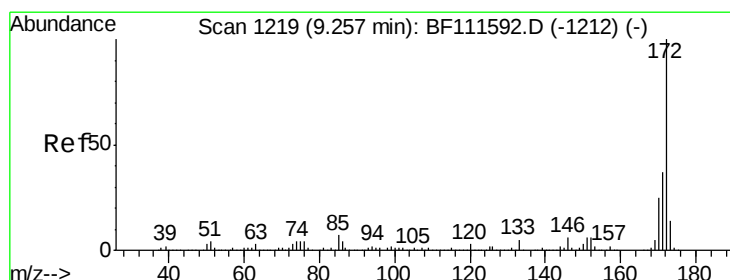
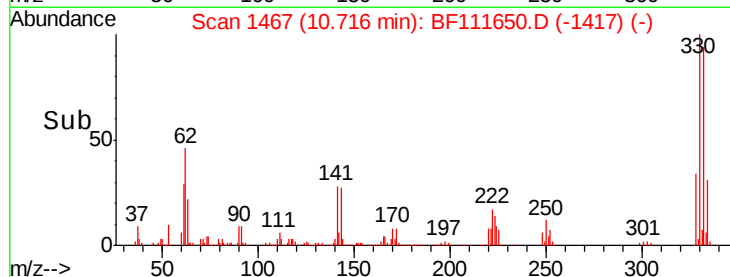
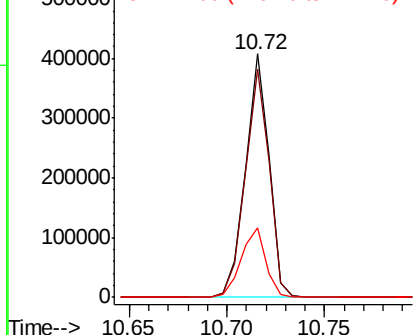
#42
 2,4,6-Tribromophenol
 Concen: 79.702 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111650.D
 Acq: 20 Dec 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-0002-01

Tgt Ion:330 Resp: 340738
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.0 114.0
 141 29.6 31.0 46.6#

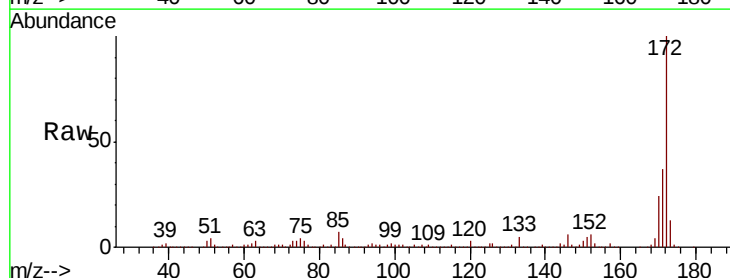


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

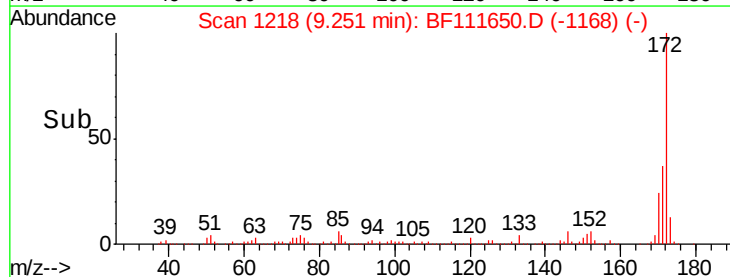
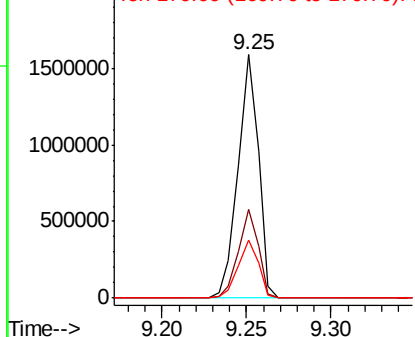


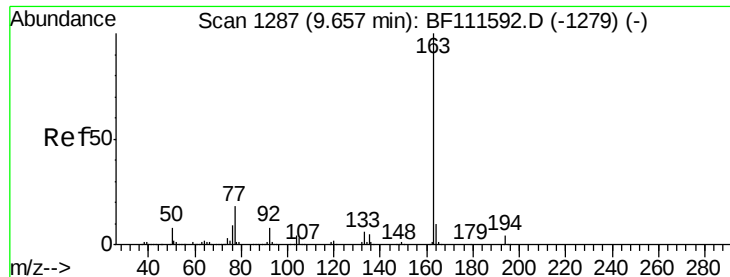
#45
 2-Fluorobiphenyl
 Concen: 53.637 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111650.D
 Acq: 20 Dec 2018 20:32

Tgt Ion:172 Resp: 1331453
 Ion Ratio Lower Upper
 172 100
 171 36.6 33.0 49.4
 170 23.8 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: 8.941 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF111650.D

Acq: 20 Dec 2018 20:32

Instrument :

BNA_F

ClientSampleId :

P001-SS006-0002-01

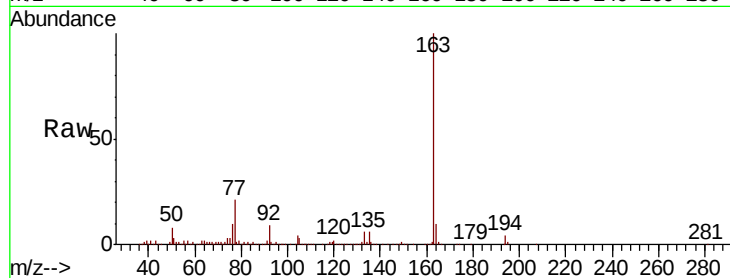
Tgt Ion:163 Resp: 236576

Ion Ratio Lower Upper

163 100

194 4.0 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

400000

300000

200000

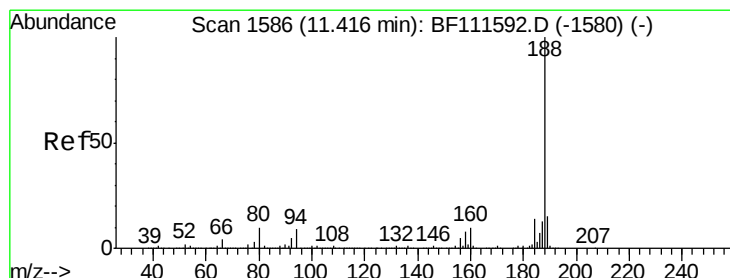
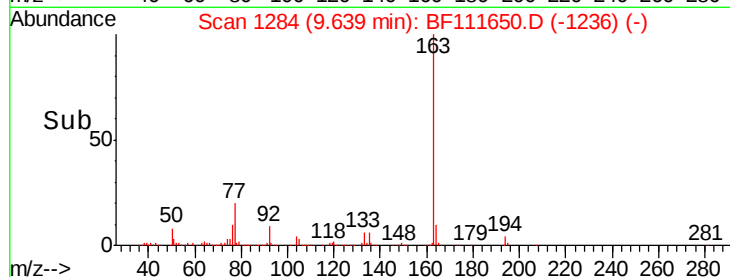
100000

0

9.64

9.60 9.65 9.70

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111650.D

Acq: 20 Dec 2018 20:32

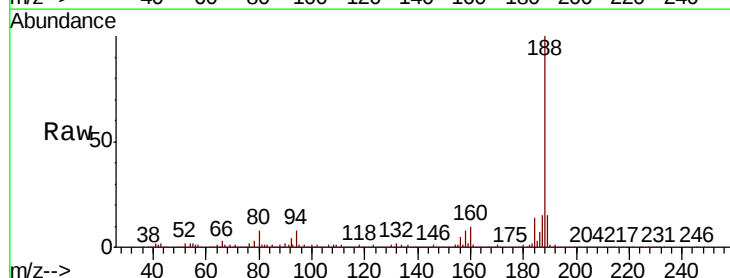
Tgt Ion:188 Resp: 560303

Ion Ratio Lower Upper

188 100

94 7.9 9.6 14.4#

80 8.4 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

800000

600000

400000

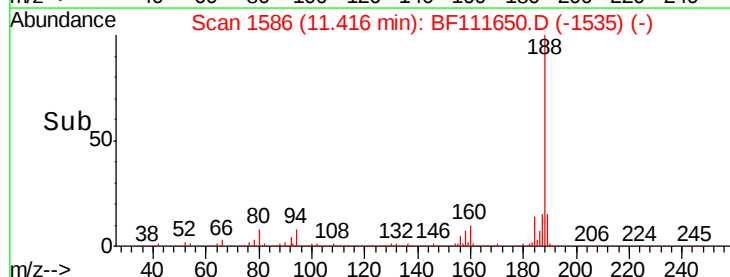
200000

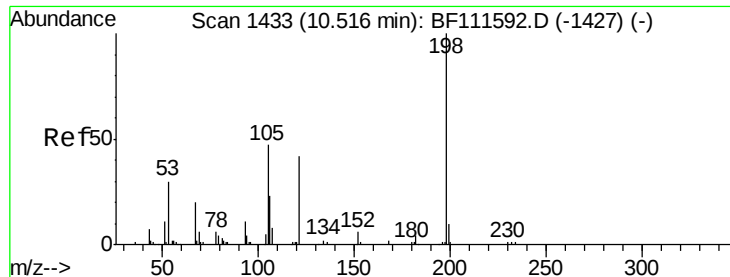
0

11.42

11.35 11.40 11.45

Time-->

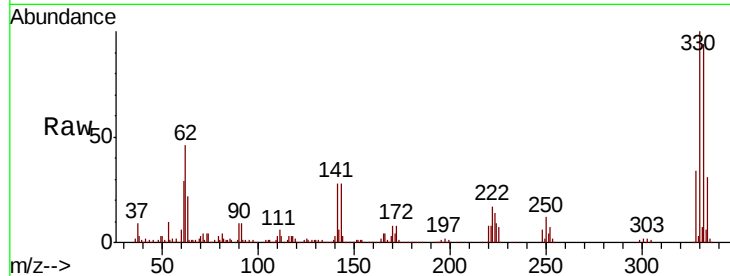




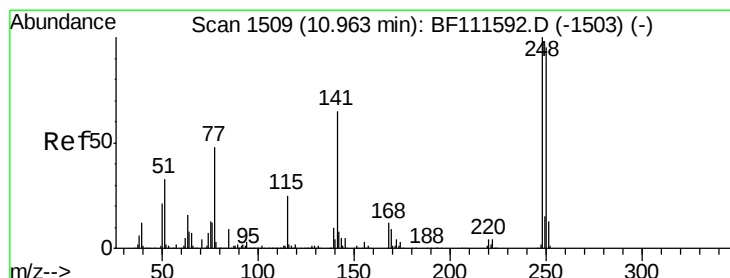
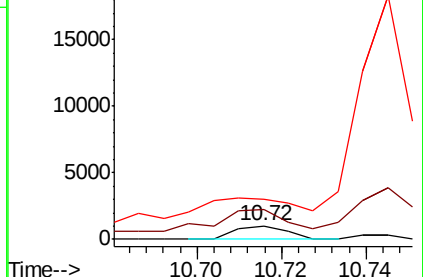
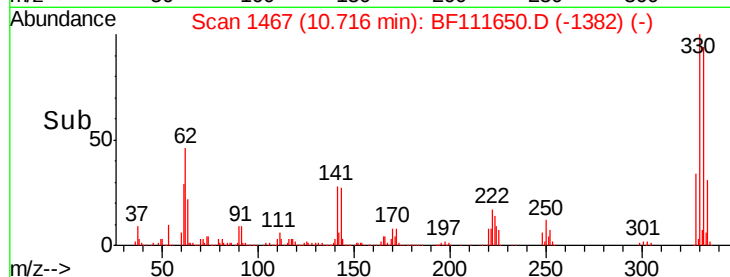
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.004 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.20 min
 Lab File: BF111650.D
 Acq: 20 Dec 2018 20:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS006-0002-01

Tgt Ion:198 Resp: 836
 Ion Ratio Lower Upper
 198 100
 51 215.3 48.0 88.0#
 105 298.7 34.0 74.0#

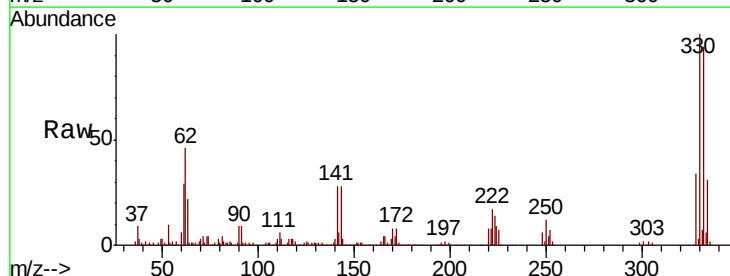


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

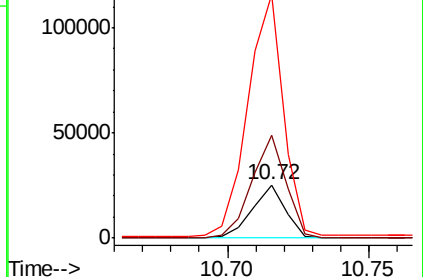
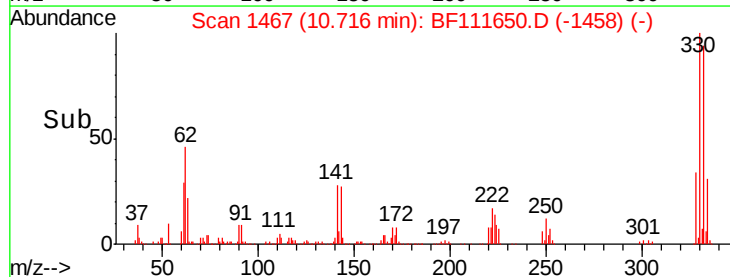


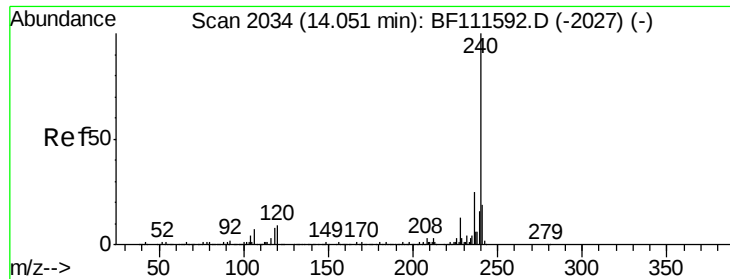
#67
 4-Bromophenyl-phenylether
 Concen: 2.948 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF111650.D
 Acq: 20 Dec 2018 20:32

Tgt Ion:248 Resp: 20489
 Ion Ratio Lower Upper
 248 100
 250 193.9 77.0 115.4#
 141 460.0 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

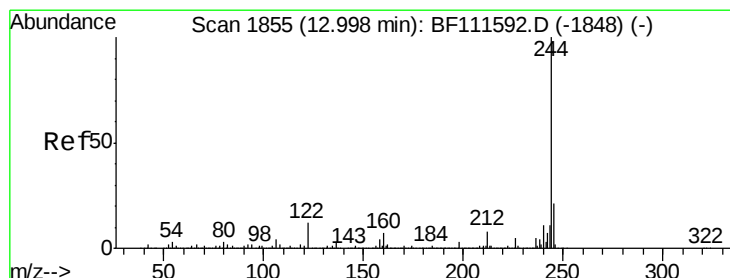
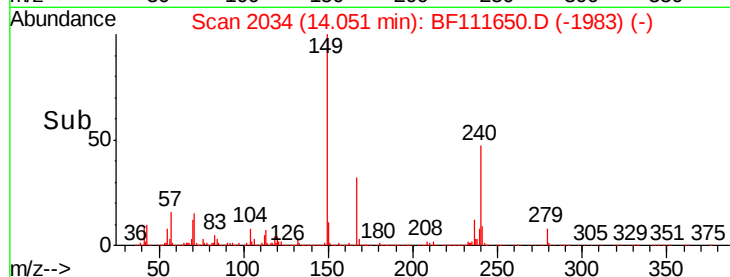
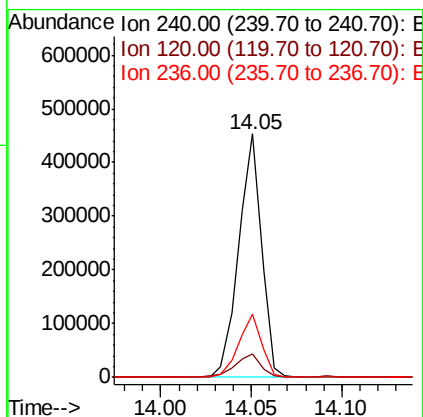
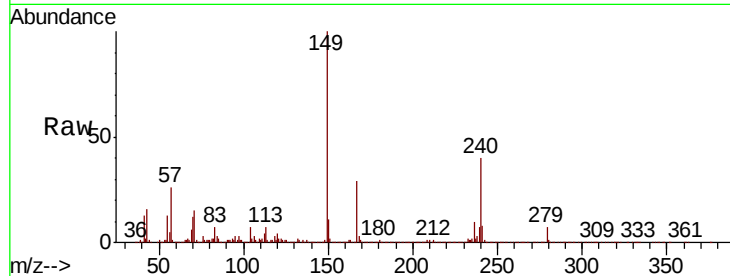




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF111650.D
Acq: 20 Dec 2018 20:32

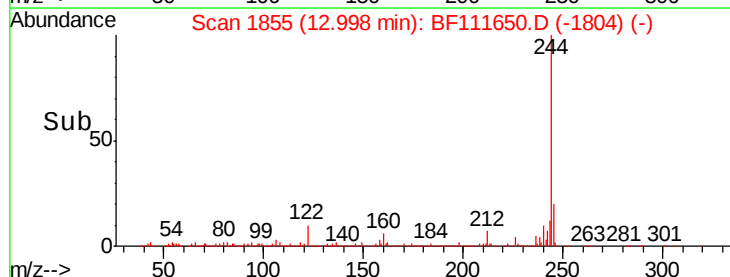
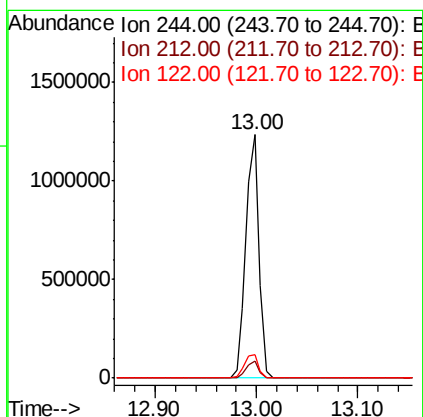
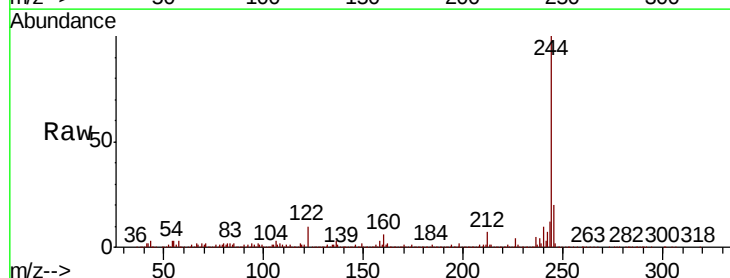
Instrument :
BNA_F
ClientSampleId :
P001-SS006-0002-01

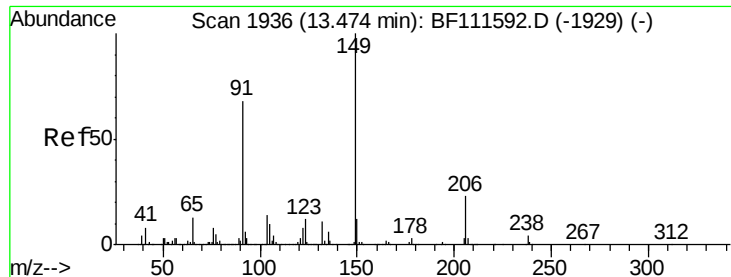
Tgt Ion:240 Resp: 397451
Ion Ratio Lower Upper
240 100
120 9.8 12.2 18.2#
236 25.9 20.2 30.2



#79
Terphenyl-d14
Concen: 53.011 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111650.D
Acq: 20 Dec 2018 20:32

Tgt Ion:244 Resp: 1110995
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.6 13.1 19.7#

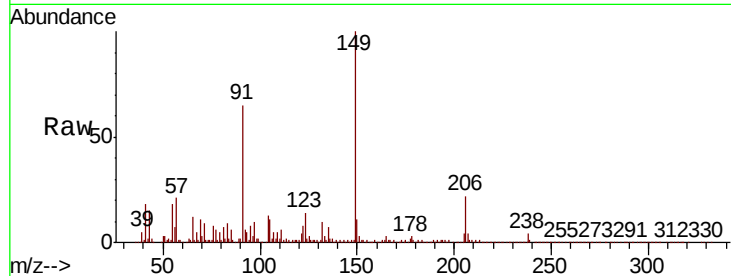




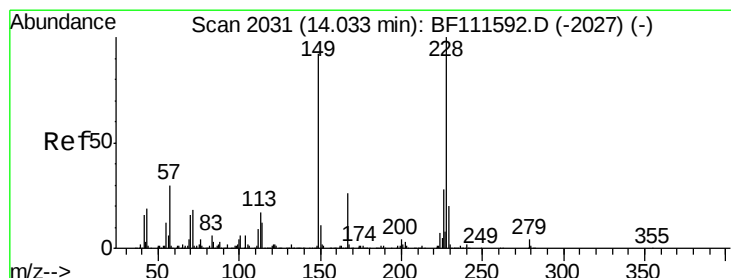
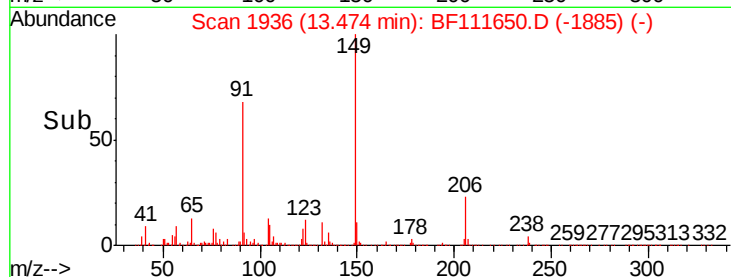
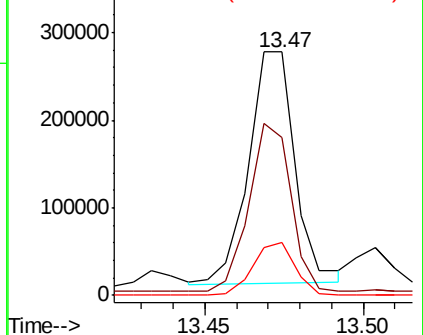
#80
Butylbenzylphthalate
Concen: 23.488 ng
RT: 13.47 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BF111650.D
Acq: 20 Dec 2018 20:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0002-01

Tgt Ion:149 Resp: 268724
Ion Ratio Lower Upper
149 100
91 64.9 63.8 95.6
206 21.9 15.1 22.7

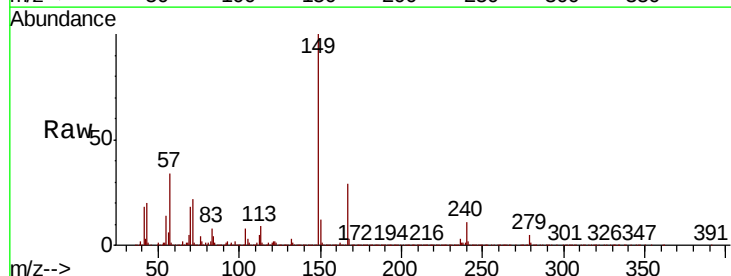


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

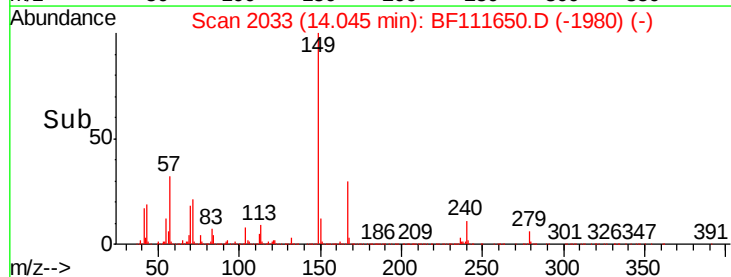
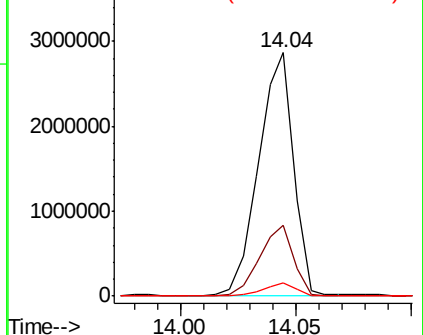


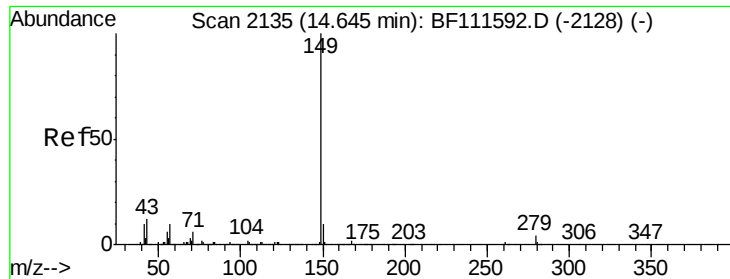
#84
Bis(2-ethylhexyl)phthalate
Concen: 206.786 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111650.D
Acq: 20 Dec 2018 20:32

Tgt Ion:149 Resp: 2979999
Ion Ratio Lower Upper
149 100
167 29.3 22.5 33.7
279 5.4 2.6 4.0#



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

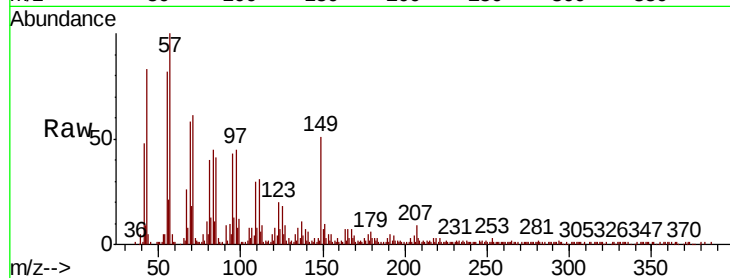




#85
Di-n-octyl phthalate
Concen: 2.167 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BF111650.D
Acq: 20 Dec 2018 20:32

Instrument :
BNA_F
ClientSampleId :
P001-SS006-0002-01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	10.9	16.3#

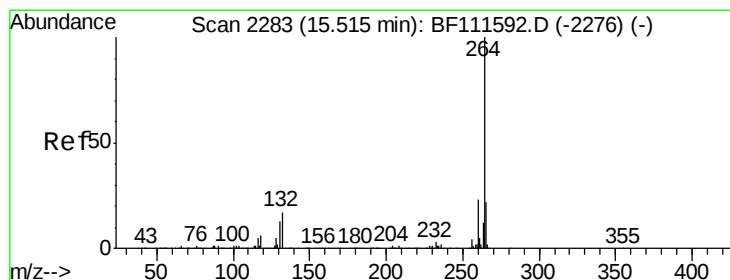
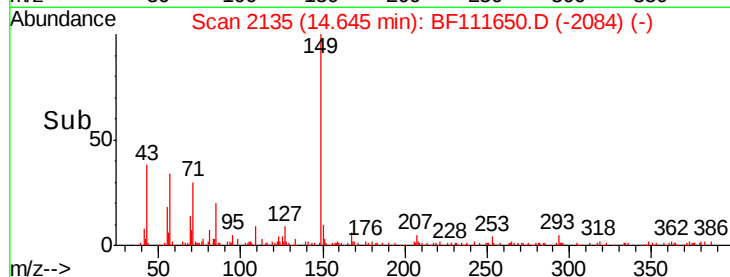
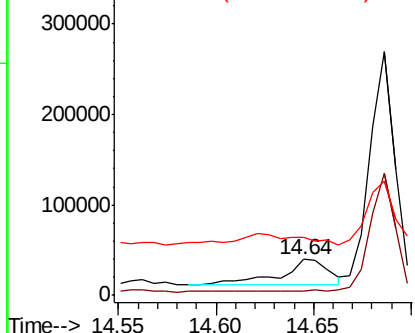


Abundance

Ion 149.00 (148.70 to 149.70): E

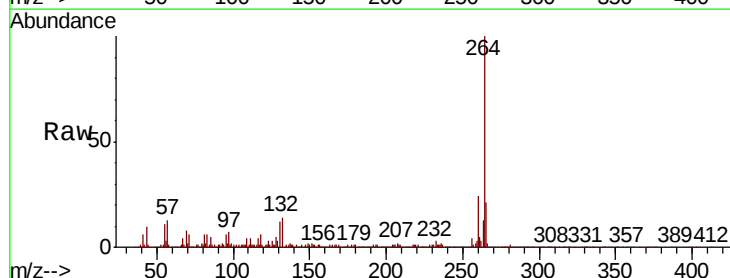
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111650.D
Acq: 20 Dec 2018 20:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	21.3	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

