

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122818\
 Data File : BF111798.D
 Acq On : 28 Dec 2018 19:34
 Operator : JU/SJ
 Sample : J6591-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP03_122718

Quant Time: Dec 29 01:11:53 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

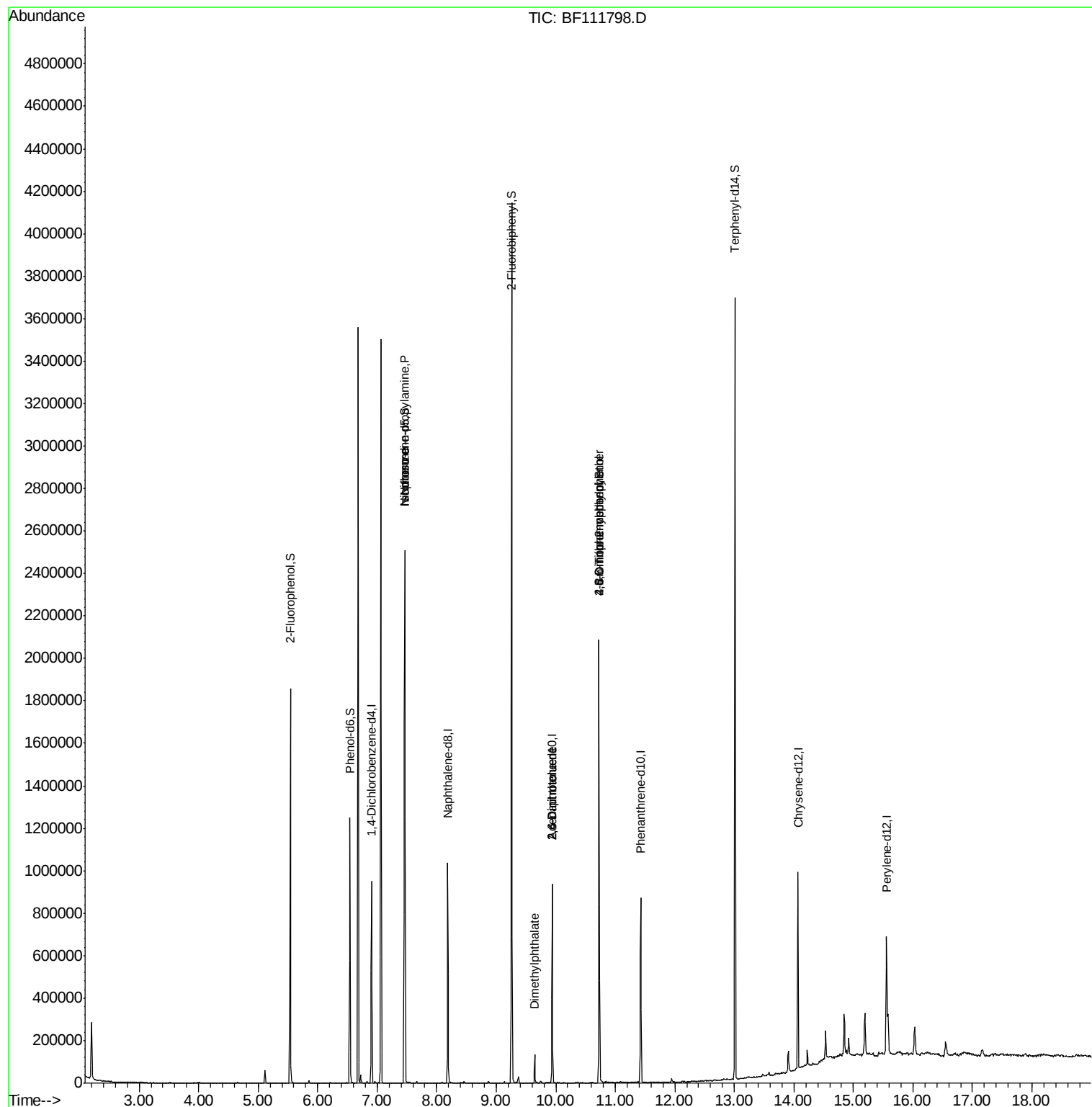
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	123863	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	419381	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	175601	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	290890	20.00	ng	0.01
76) Chrysene-d12	14.07	240	315907	20.00	ng	0.02
87) Perylene-d12	15.56	264	252852	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	436208	60.03	ng	0.02
7) Phenol-d6	6.54	99	331121	35.80	ng	0.02
23) Nitrobenzene-d5	7.46	82	763904	106.03	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	274135	132.12	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1342274	111.42	ng	0.00
79) Terphenyl-d14	13.01	244	1268556	76.15	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	105199	17.129	ng	# 77
25) Isophorone	7.46	82	761013	59.497	ng	# 64
50) Dimethylphthalate	9.65	163	50092	3.901	ng	# 99
51) 2,6-Dinitrotoluene	9.94	165	22236	8.684	ng	# 29
57) 2,4-Dinitrotoluene	9.94	165	22236	7.226	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.73	198	417	6.991	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	16157	4.478	ng	# 1

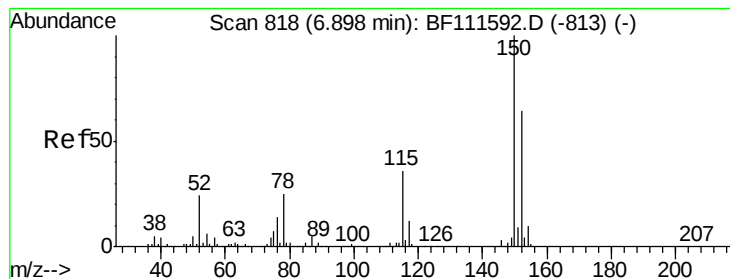
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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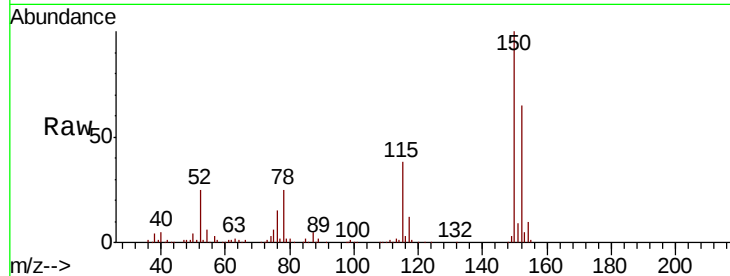


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111798.D
Acq: 28 Dec 2018 19:34

Instrument :
BNA_F
ClientSampleId :
DUP03_122718

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.6	189.8
115	57.3	50.7	76.1

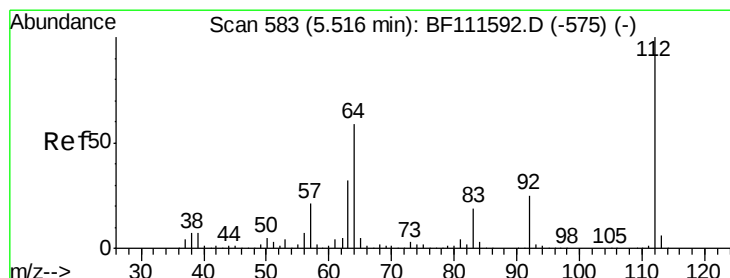
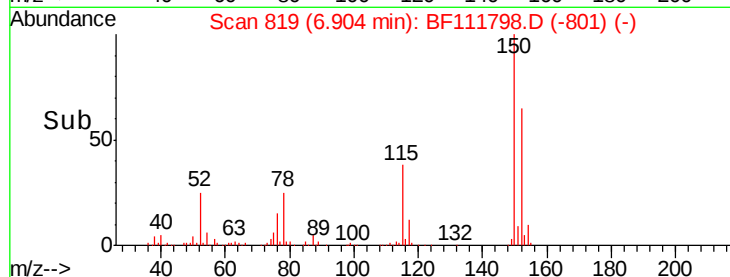
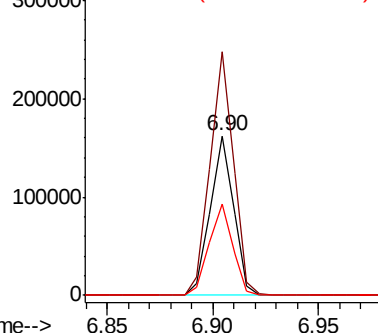


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

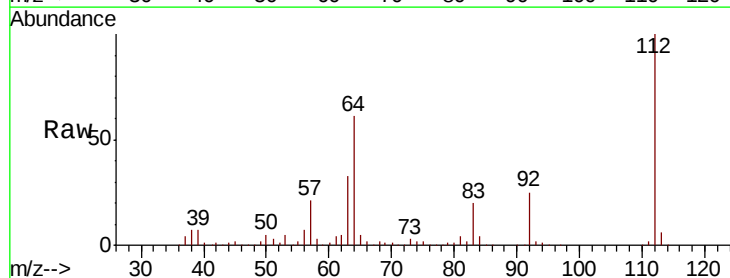
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.029 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111798.D
Acq: 28 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	51.8	77.6
63	33.5	26.8	40.2

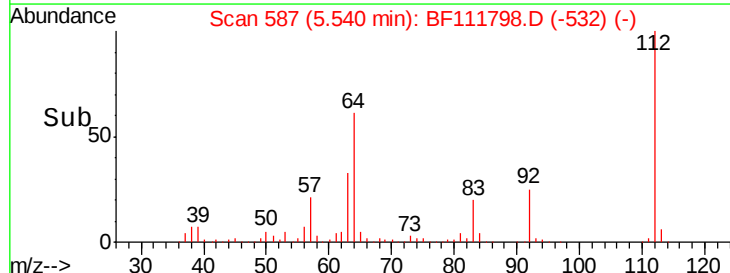
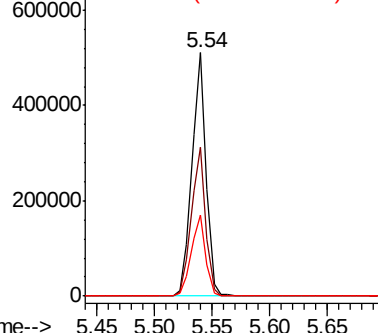


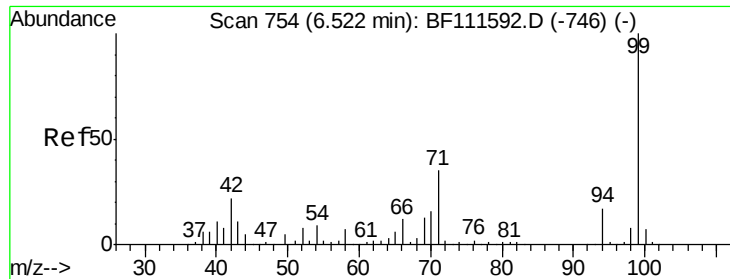
Abundance

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: 35.805 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111798.D

Acq: 28 Dec 2018 19:34

Instrument :

BNA_F

ClientSampleId :

DUP03_122718

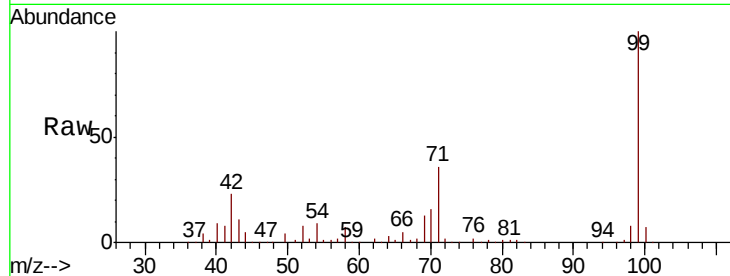
Tgt Ion: 99 Resp: 331121

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

71 35.9 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

500000

400000

300000

200000

100000

0

6.54

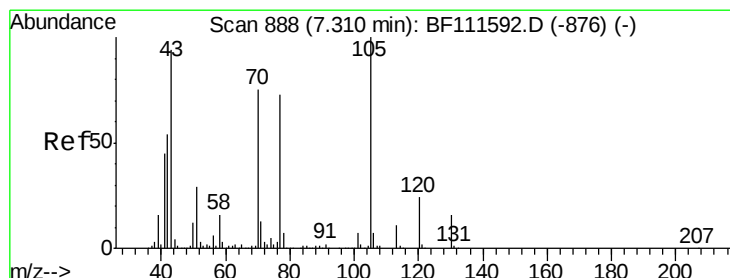
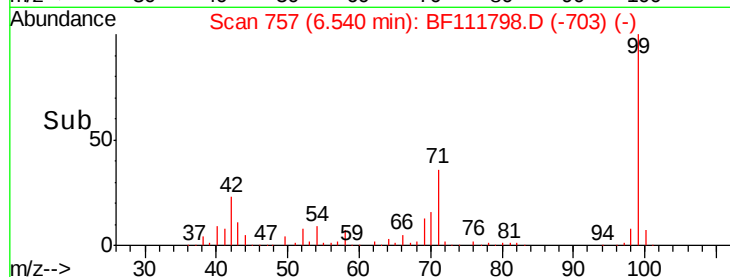
6.50

6.55

6.60

6.65

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 17.129 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF111798.D

Acq: 28 Dec 2018 19:34

Tgt Ion: 70 Resp: 105199

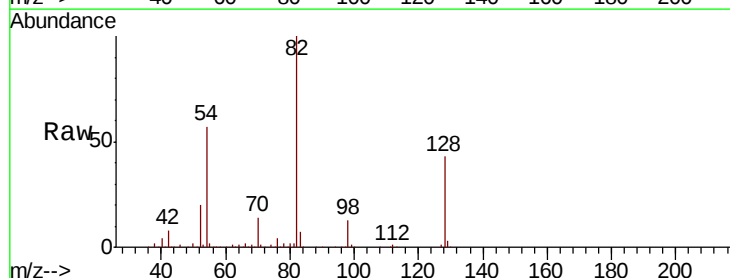
Ion Ratio Lower Upper

70 100

42 54.3 53.2 79.8

101 0.0 8.2 12.4#

130 2.0 18.1 27.1#



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): E

Ion 130.00 (129.70 to 130.70): E

150000

100000

50000

0

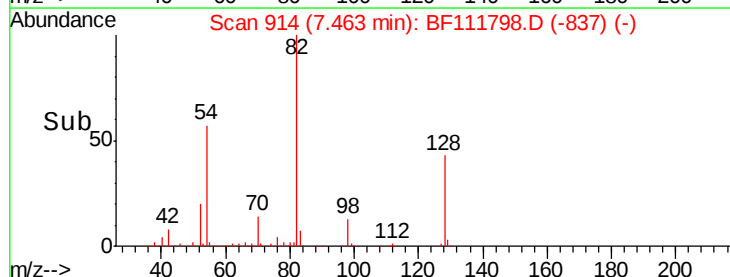
7.46

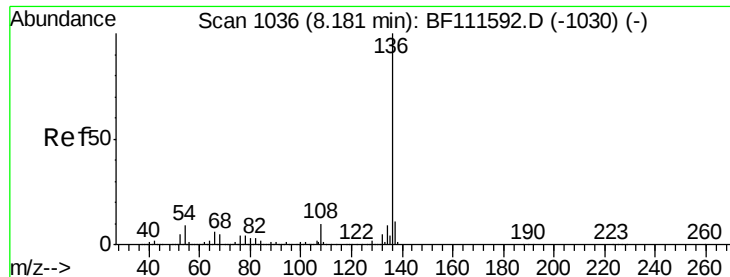
7.40

7.45

7.50

Time-->

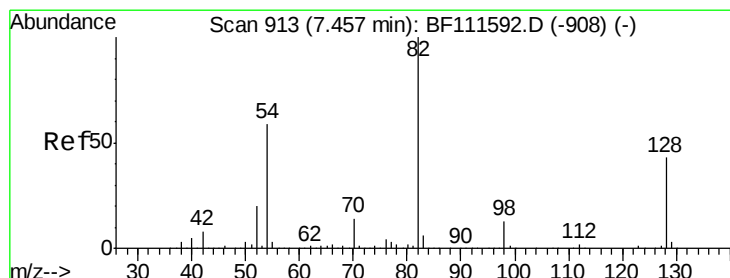
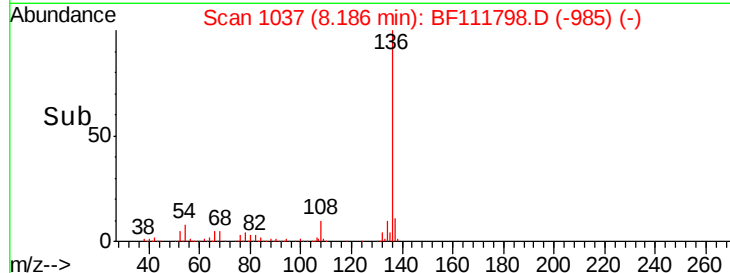
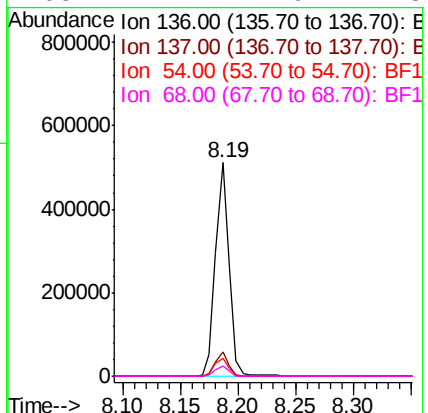
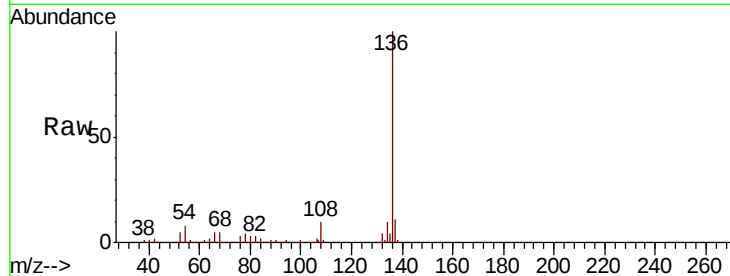




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111798.D
Acq: 28 Dec 2018 19:34

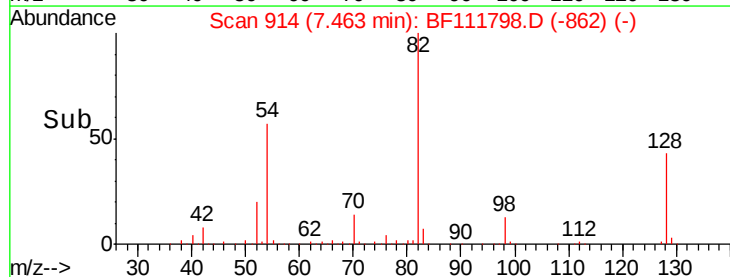
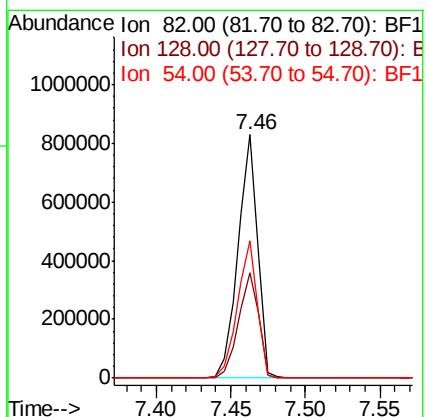
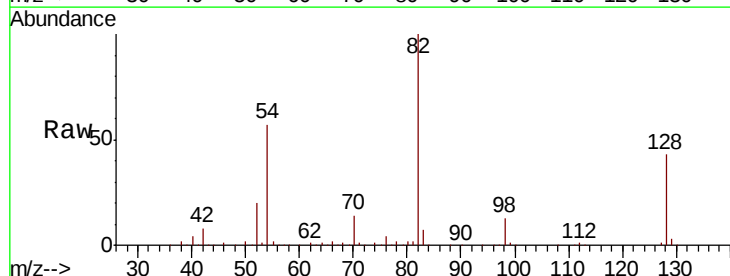
Instrument :
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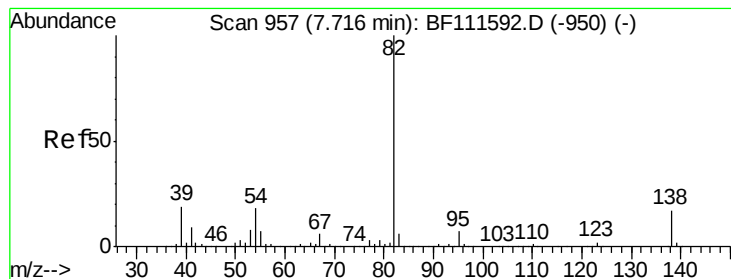
Tgt Ion:	136	Resp:	419381
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.5	7.7	11.5
68	4.7	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 106.026 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111798.D
Acq: 28 Dec 2018 19:34

Tgt Ion:	82	Resp:	763904
Ion	Ratio	Lower	Upper
82	100		
128	43.3	37.4	56.2
54	56.7	47.6	71.4





#25

Isophorone

Concen: 59.497 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.25 min

Lab File: BF111798.D

Acq: 28 Dec 2018 19:34

Instrument :

BNA_F

ClientSampleId :

DUP03_122718

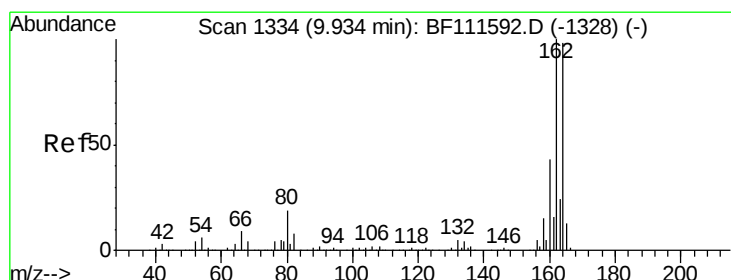
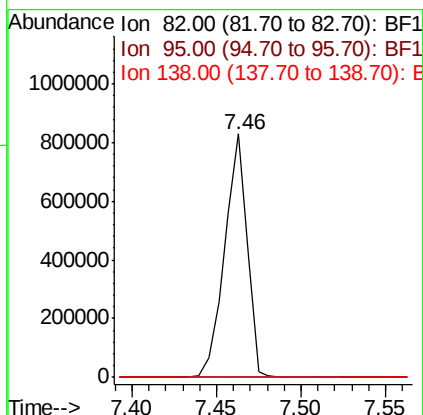
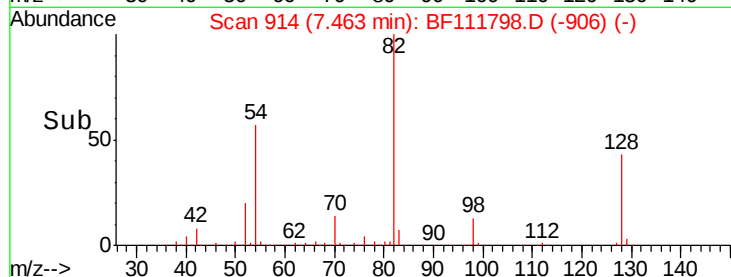
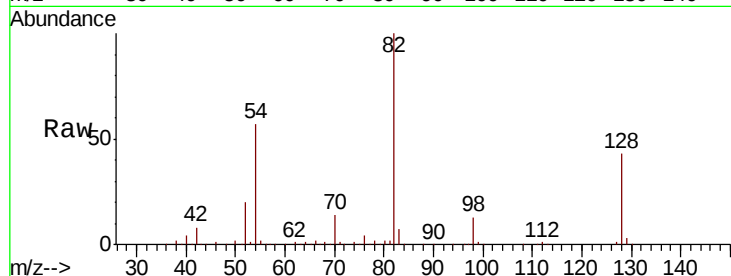
Tgt Ion: 82 Resp: 761013

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 15.1 22.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111798.D

Acq: 28 Dec 2018 19:34

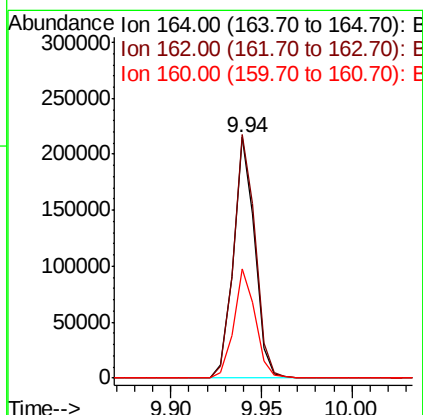
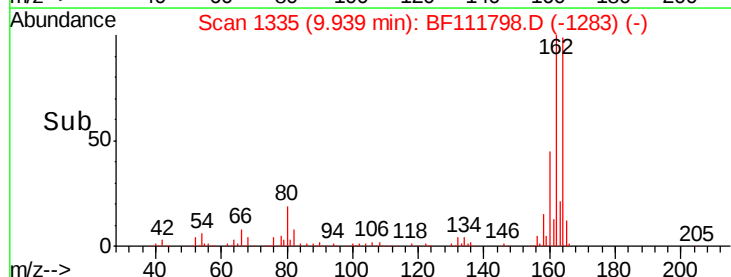
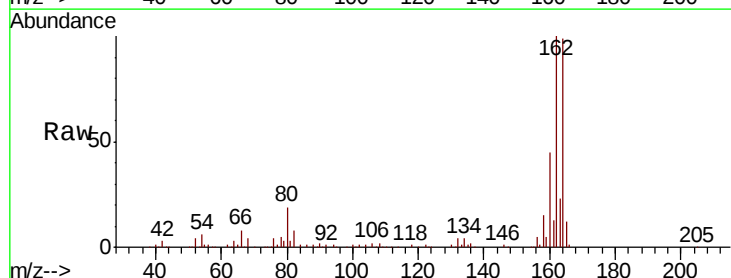
Tgt Ion: 164 Resp: 175601

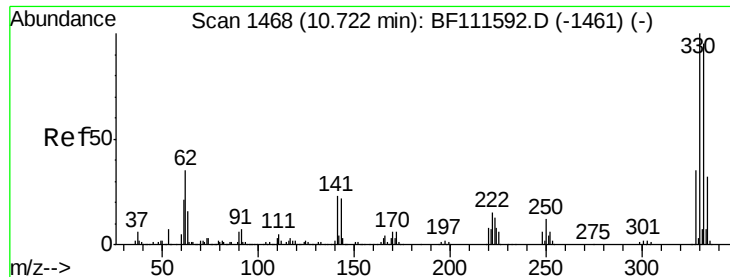
Ion Ratio Lower Upper

164 100

162 101.1 81.4 122.0

160 45.2 35.7 53.5

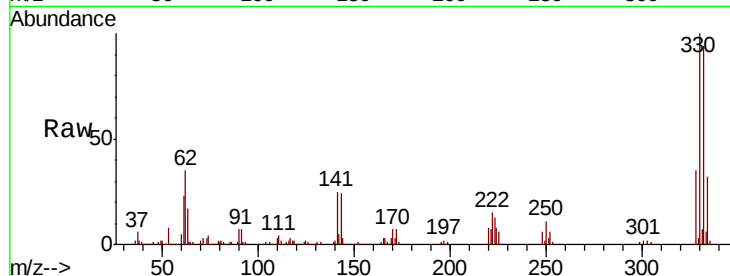




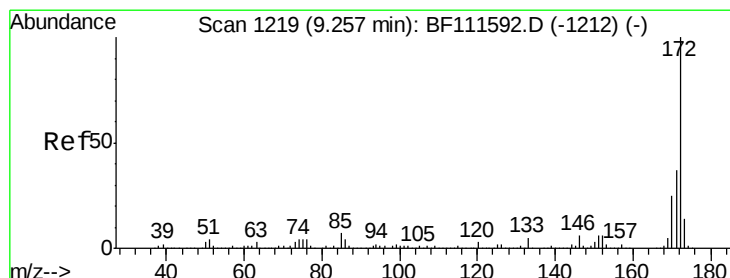
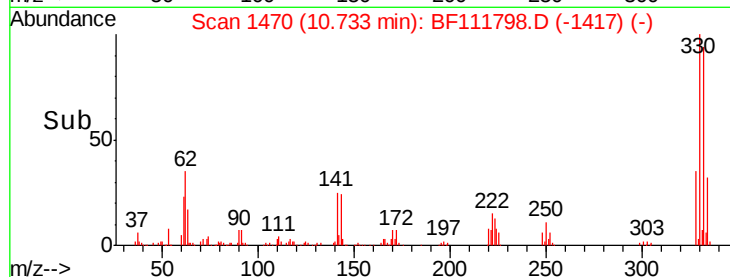
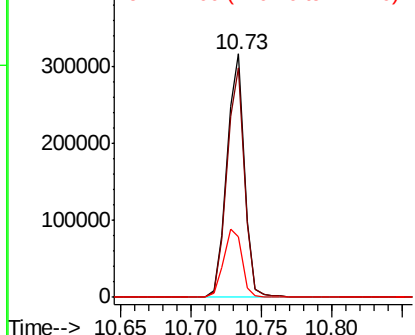
#42
 2,4,6-Tribromophenol
 Concen: 132.122 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111798.D
 Acq: 28 Dec 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 DUP03_122718

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.0	114.0
141	29.6	31.0	46.6

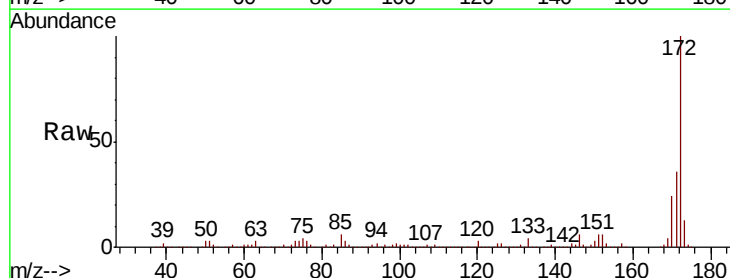


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

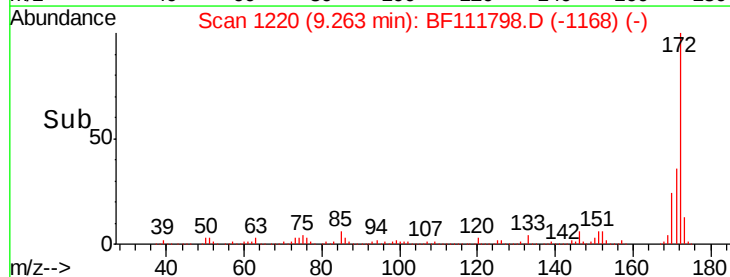
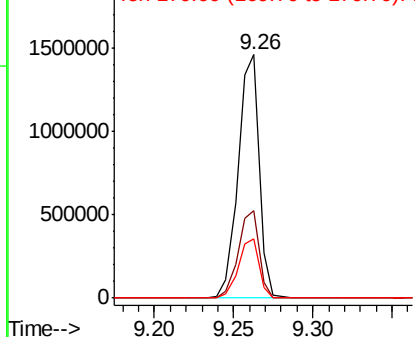


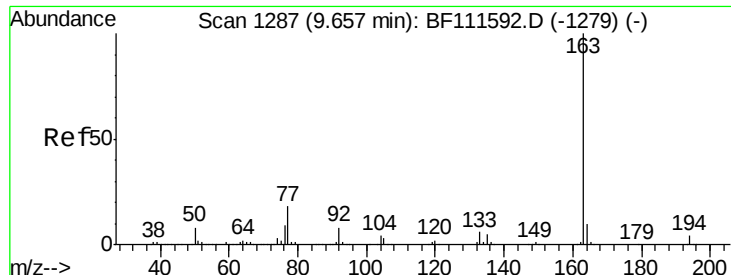
#45
 2-Fluorobiphenyl
 Concen: 111.415 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111798.D
 Acq: 28 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	24.2	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

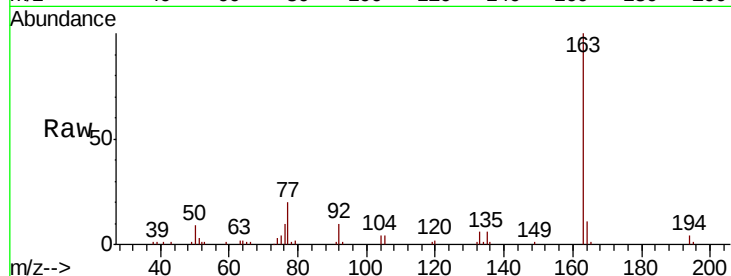




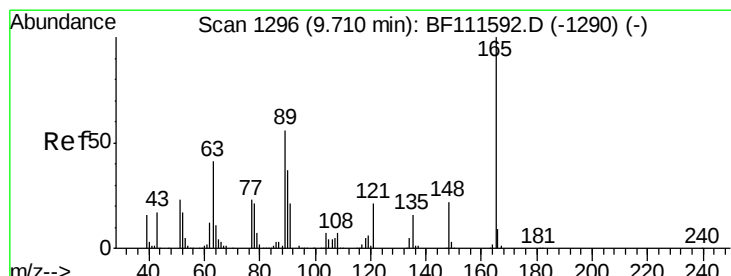
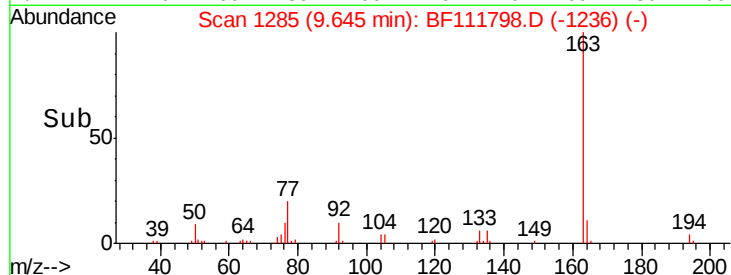
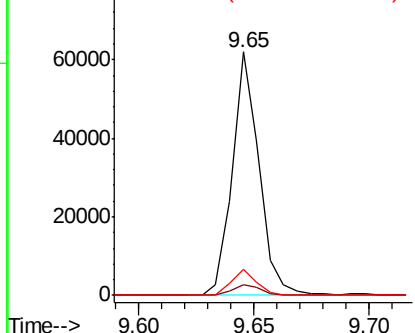
#50
Dimethylphthalate
Concen: 3.901 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111798.D
Acq: 28 Dec 2018 19:34

Instrument :
BNA_F
ClientSampleId :
DUP03_122718

Tgt Ion:163 Resp: 50092
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.5 8.9 13.3

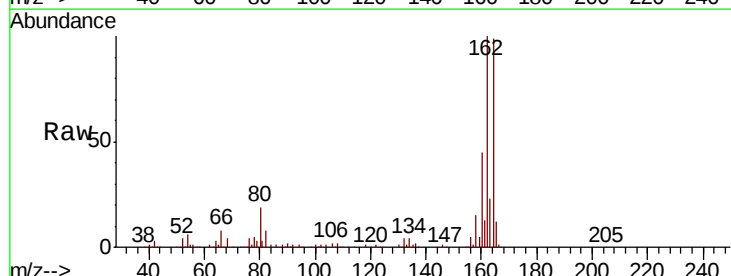


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

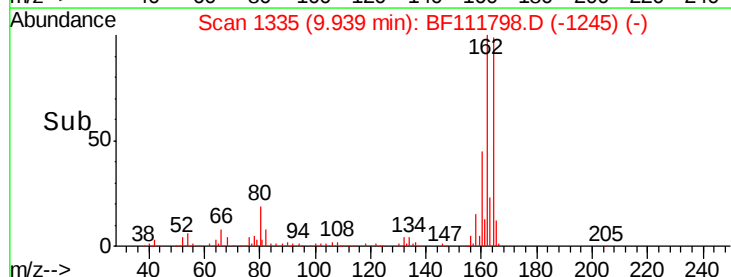
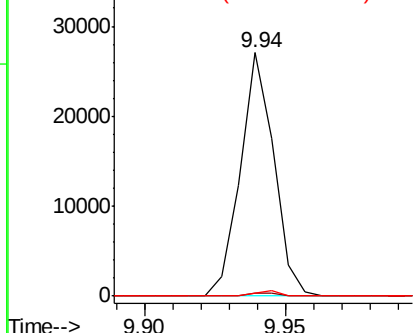


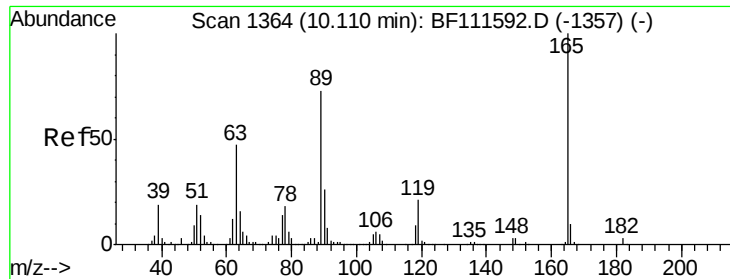
#51
2,6-Dinitrotoluene
Concen: 8.684 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF111798.D
Acq: 28 Dec 2018 19:34

Tgt Ion:165 Resp: 22236
Ion Ratio Lower Upper
165 100
63 1.3 40.5 60.7#
89 1.3 40.0 60.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

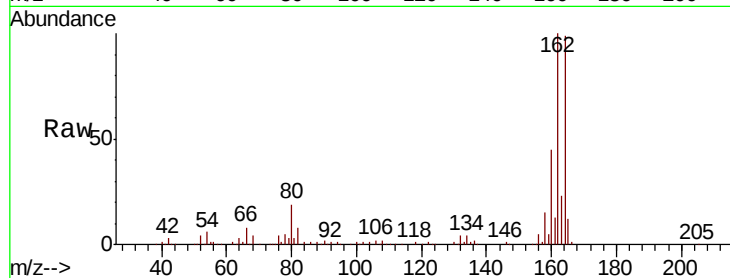




#57
 2,4-Dinitrotoluene
 Concen: 7.226 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.17 min
 Lab File: BF111798.D
 Acq: 28 Dec 2018 19:34

Instrument :
 BNA_F
 ClientSampleId :
 DUP03_122718

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#



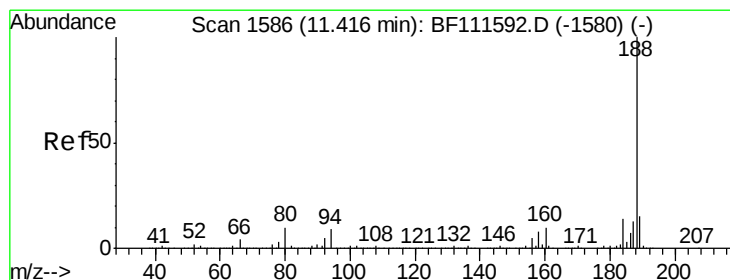
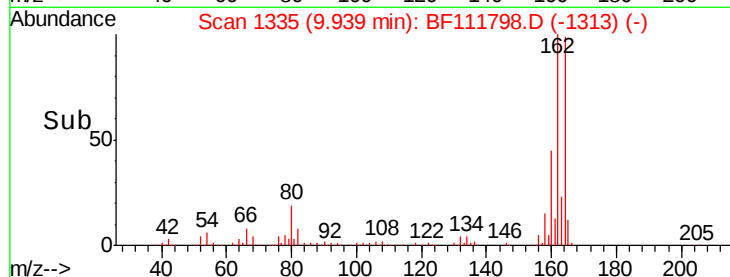
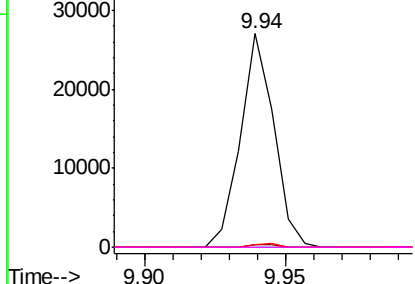
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

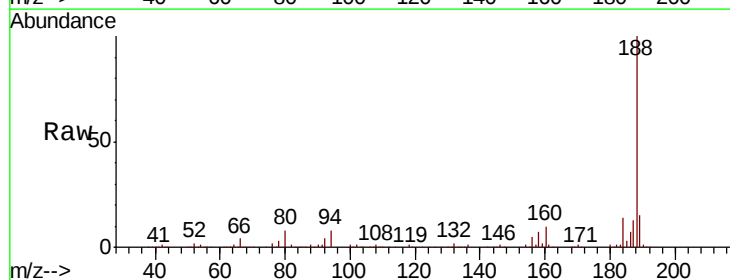
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF111798.D
 Acq: 28 Dec 2018 19:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.6	14.4#
80	8.5	9.8	14.6#

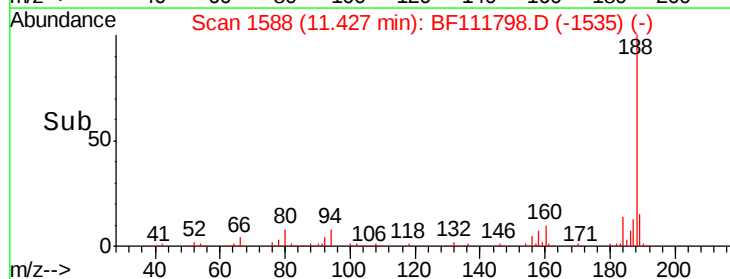
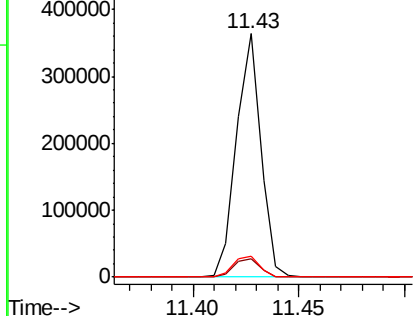


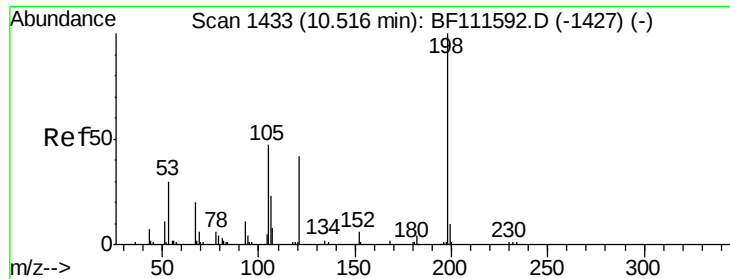
Abundance

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





#65

4,6-Dinitro-2-methylphenol

Concen: 6.991 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.22 min

Lab File: BF111798.D

Acq: 28 Dec 2018 19:34

Instrument :

BNA_F

ClientSampleId :

DUP03_122718

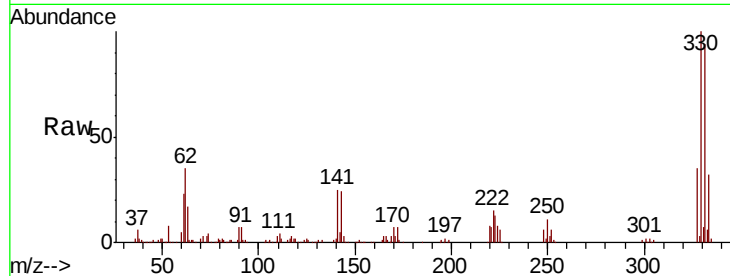
Tgt Ion:198 Resp: 417

Ion Ratio Lower Upper

198 100

51 173.3 48.0 88.0#

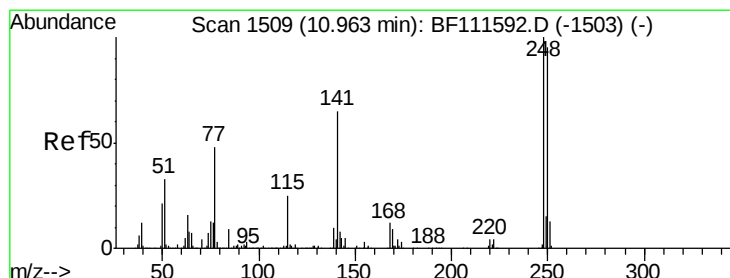
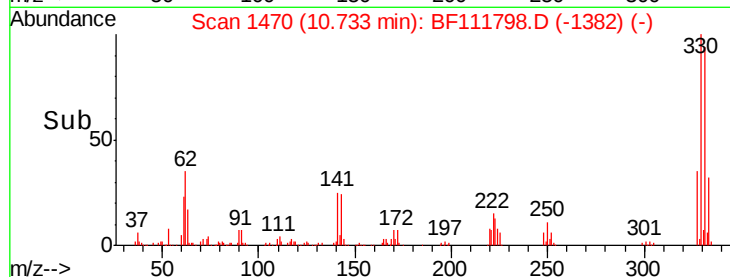
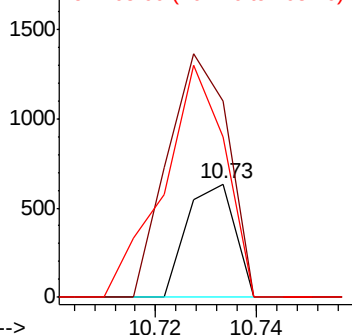
105 142.2 34.0 74.0#



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: 4.478 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.23 min

Lab File: BF111798.D

Acq: 28 Dec 2018 19:34

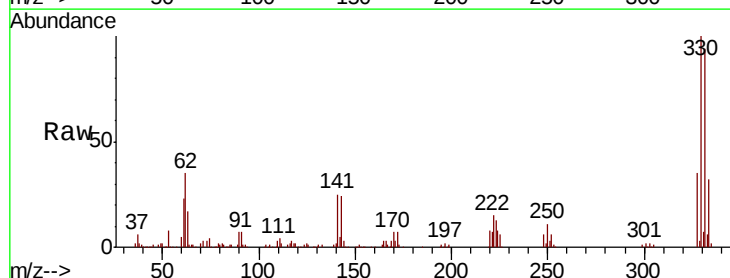
Tgt Ion:248 Resp: 16157

Ion Ratio Lower Upper

248 100

250 198.3 77.0 115.4#

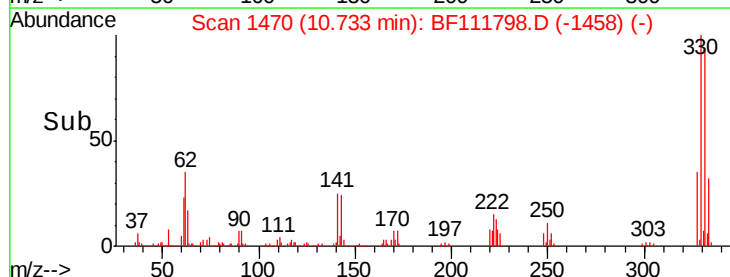
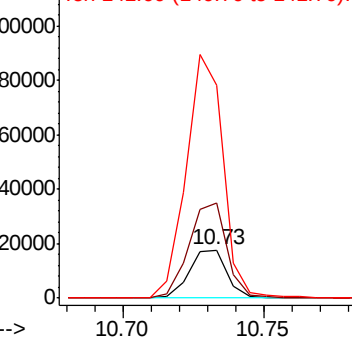
141 441.1 63.0 94.6#

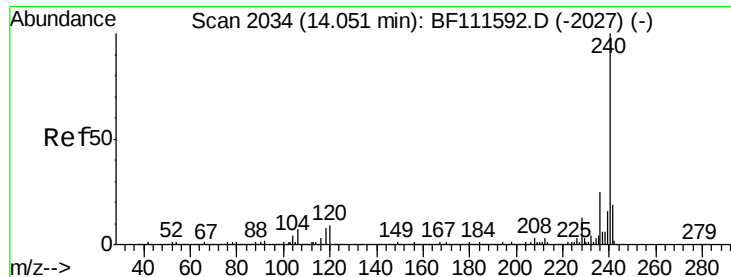


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

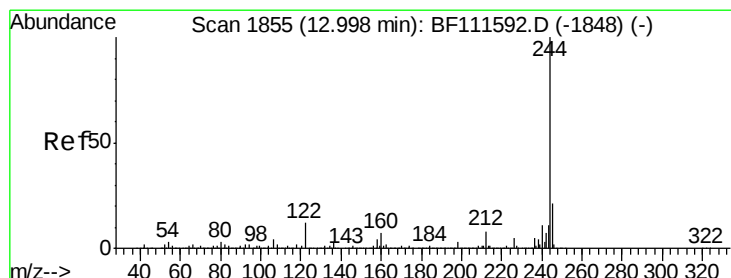
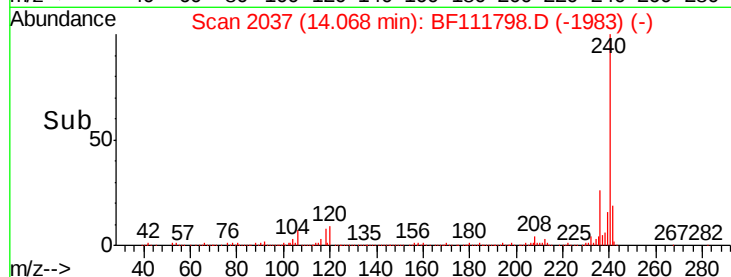
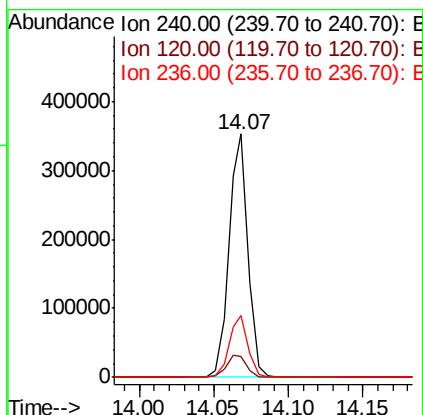
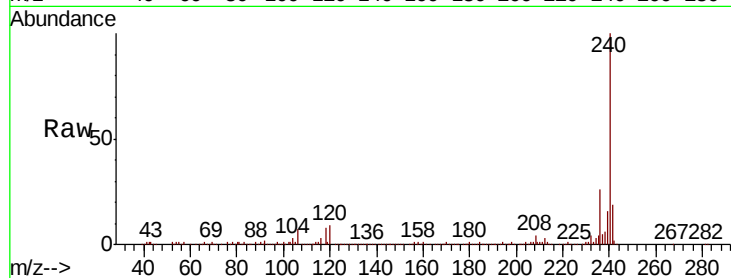




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111798.D
Acq: 28 Dec 2018 19:34

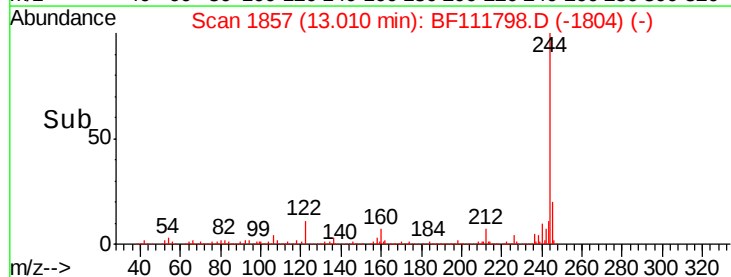
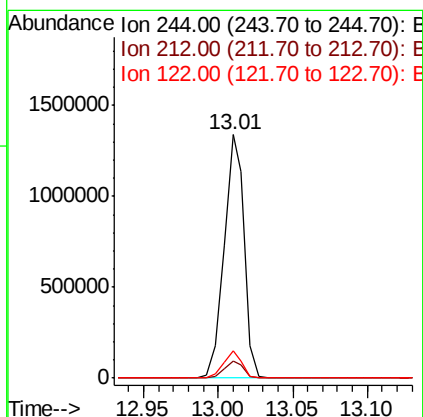
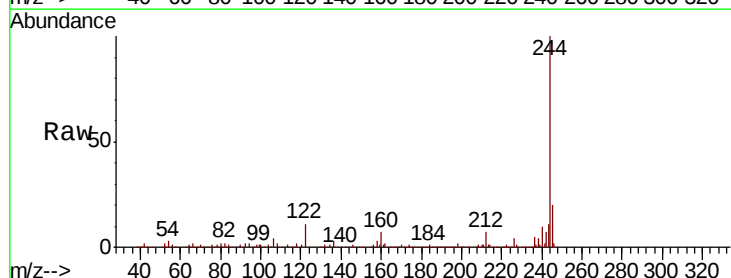
Instrument :
BNA_F
ClientSampleId :
DUP03_122718

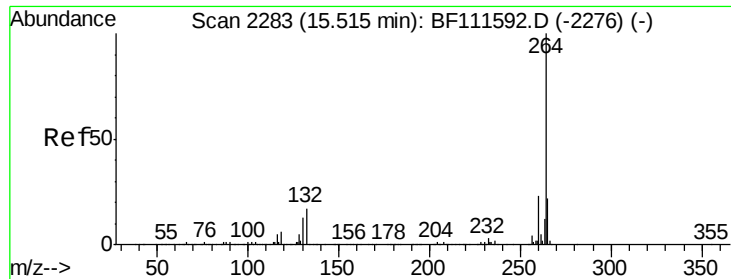
Tgt Ion:240 Resp: 315907
Ion Ratio Lower Upper
240 100
120 8.7 12.2 18.2#
236 25.5 20.2 30.2



#79
Terphenyl-d14
Concen: 76.153 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111798.D
Acq: 28 Dec 2018 19:34

Tgt Ion:244 Resp: 1268556
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.0 13.1 19.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111798.D
Acq: 28 Dec 2018 19:34

Instrument :
BNA_F
ClientSampleId :
DUP03_122718

Tgt Ion: 264 Resp: 252852
Ion Ratio Lower Upper
264 100
260 22.1 18.3 27.5
265 21.8 17.7 26.5

