

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111654.D
 Acq On : 20 Dec 2018 22:22
 Operator : JU/SJ
 Sample : J6362-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Quant Time: Dec 21 06:22:43 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

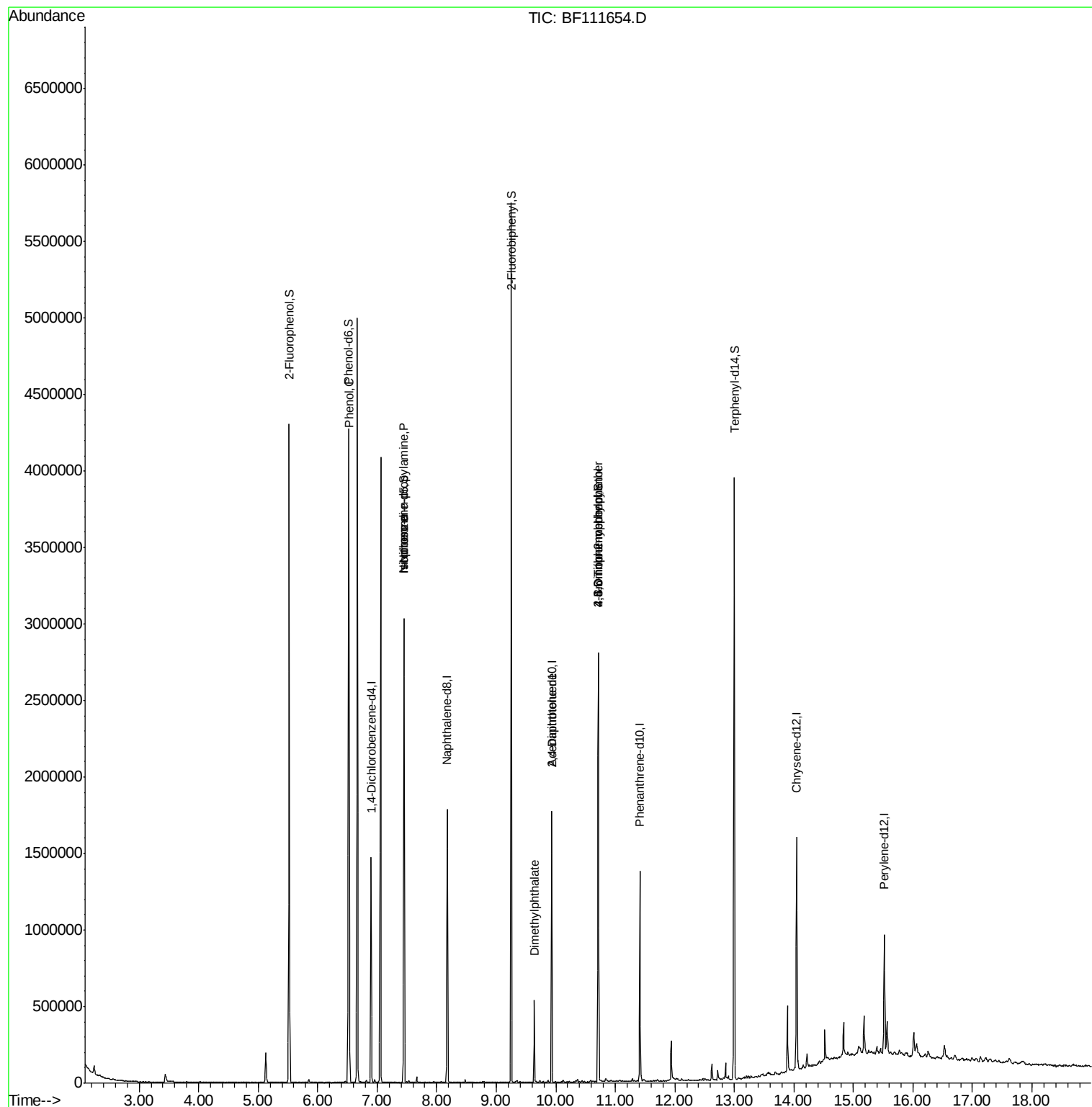
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	204051	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	756661	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	335755	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	503760	20.00	ng	0.00
76) Chrysene-d12	14.04	240	483035	20.00	ng	0.00
87) Perylene-d12	15.52	264	370403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1234127	103.09	ng	0.01
7) Phenol-d6	6.52	99	1574999	103.38	ng	0.00
23) Nitrobenzene-d5	7.45	82	980834	75.45	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	330831	83.39	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1719817	74.66	ng	0.00
79) Terphenyl-d14	13.00	244	1300667	51.06	ng	0.00
Target Compounds						
10) Phenol	6.53	94	111015	6.458	ng	98
19) n-Nitroso-di-n-propylamine	7.45	70	134673	13.310	ng	# 80
25) Isophorone	7.45	82	980821	42.501	ng	# 64
50) Dimethylphthalate	9.64	163	180941	7.369	ng	97
57) 2,4-Dinitrotoluene	9.93	165	43537	7.399	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	636	6.956	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	20383	3.262	ng	# 1

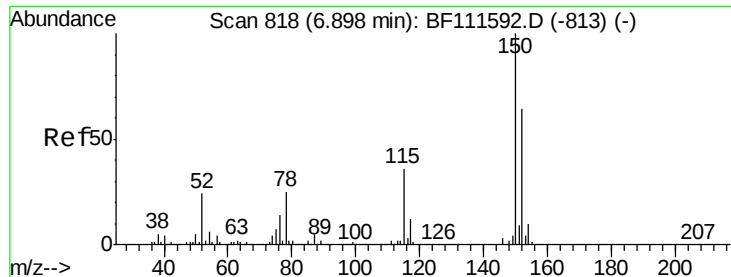
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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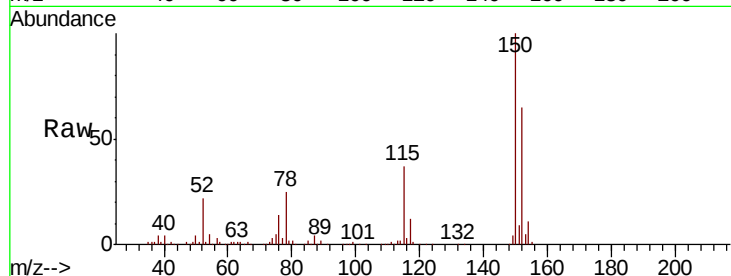


#1

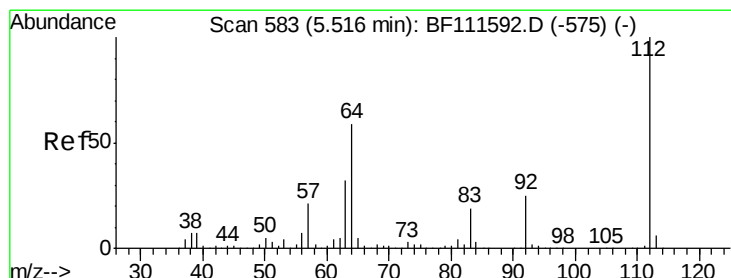
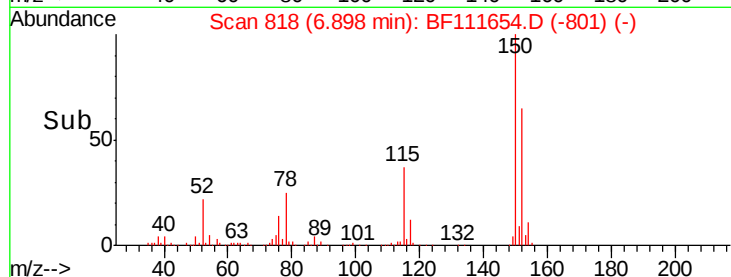
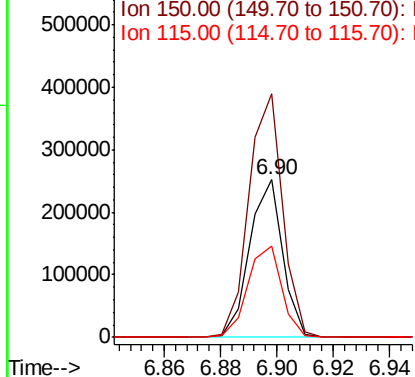
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111654.D
Acq: 20 Dec 2018 22:22

Instrument :
BNA_F
ClientSampleId :
P-1

Tgt Ion:152 Resp: 204051
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 57.7 50.7 76.1



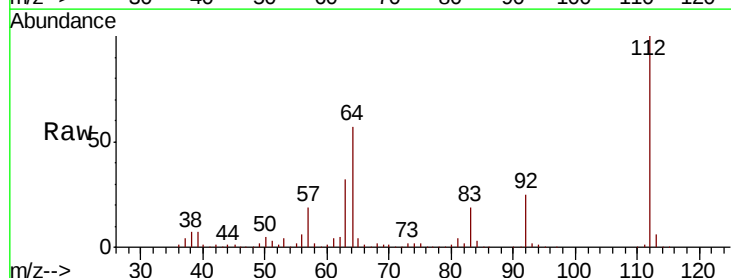
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



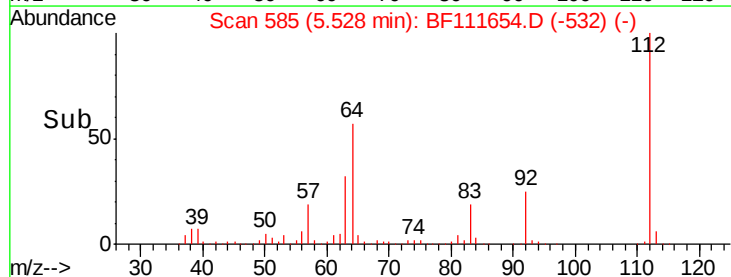
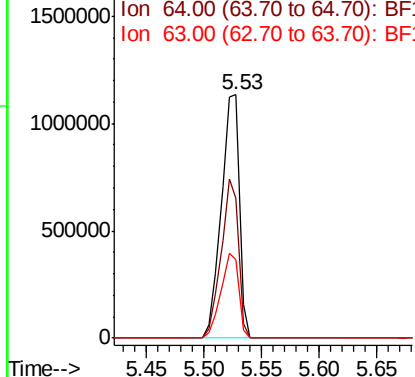
#5

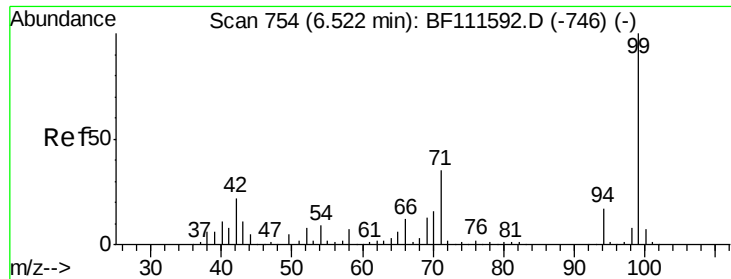
2-Fluorophenol
Concen: 103.092 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111654.D
Acq: 20 Dec 2018 22:22

Tgt Ion:112 Resp: 1234127
Ion Ratio Lower Upper
112 100
64 57.4 51.8 77.6
63 32.0 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: 103.380 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111654.D

Acq: 20 Dec 2018 22:22

Instrument :

BNA_F

ClientSampleId :

P-1

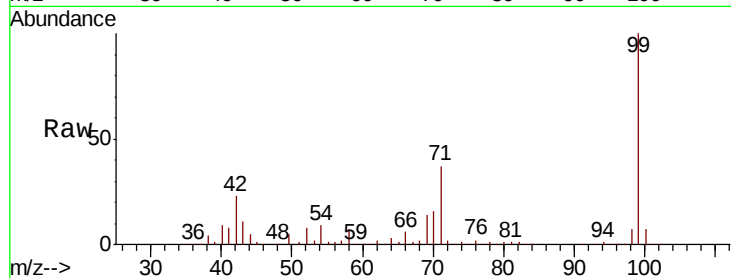
Tgt Ion: 99 Resp: 1574999

Ion Ratio Lower Upper

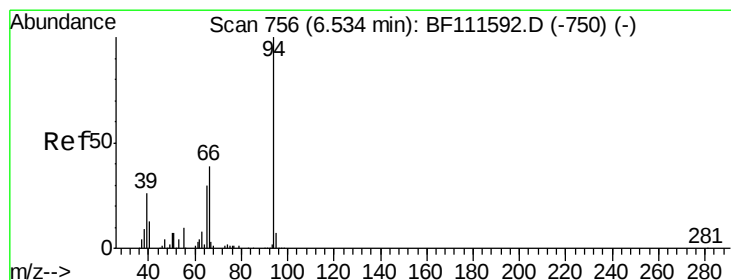
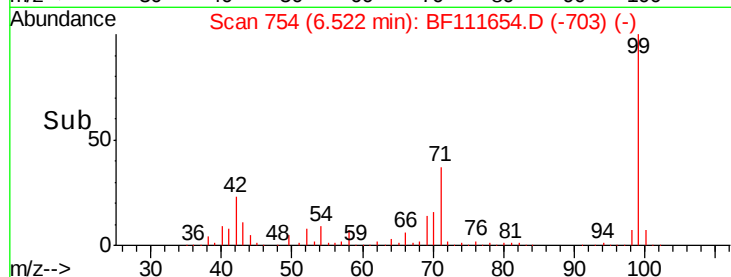
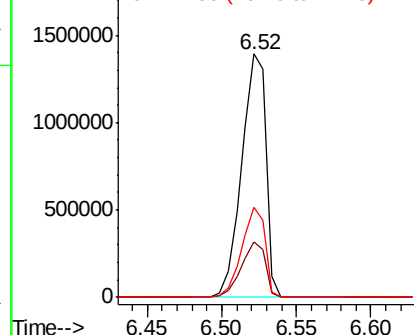
99 100

42 23.0 17.4 26.0

71 37.0 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: 6.458 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111654.D

Acq: 20 Dec 2018 22:22

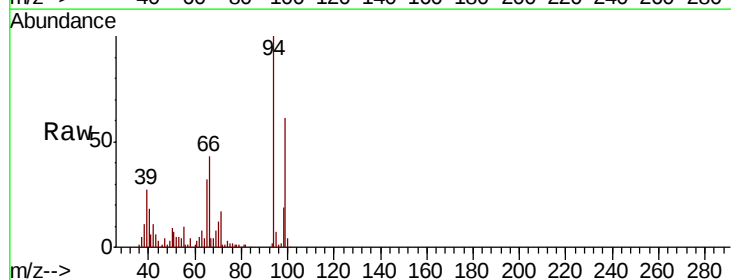
Tgt Ion: 94 Resp: 111015

Ion Ratio Lower Upper

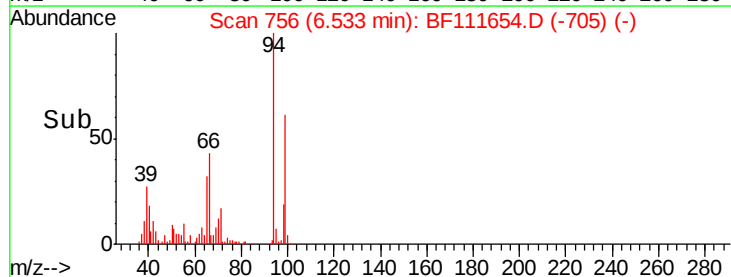
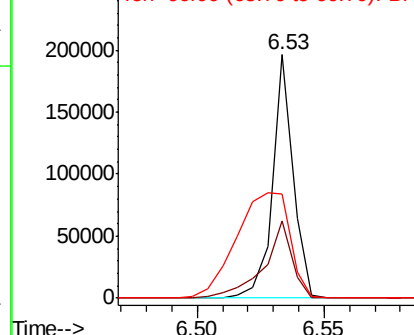
94 100

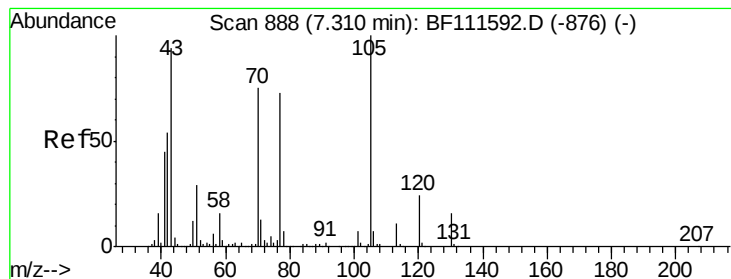
65 31.9 11.7 51.7

66 42.7 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





#19

n-Nitroso-di-n-propylamine

Concen: 13.310 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF111654.D

Acq: 20 Dec 2018 22:22

Instrument :

BNA_F

ClientSampleId :

P-1

Tgt Ion: 70 Resp: 134673

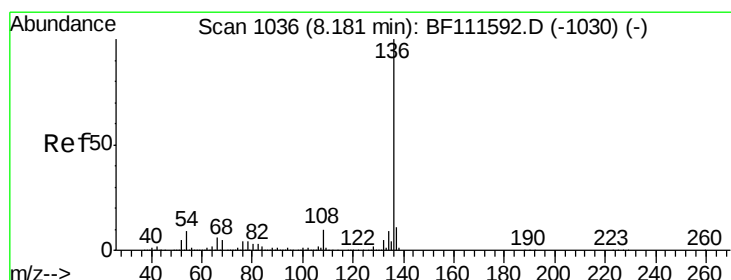
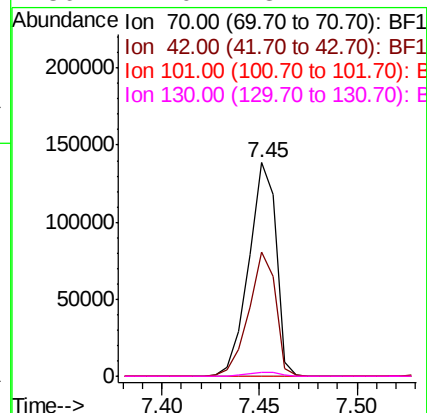
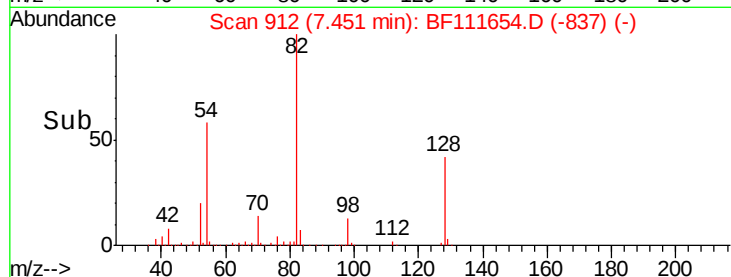
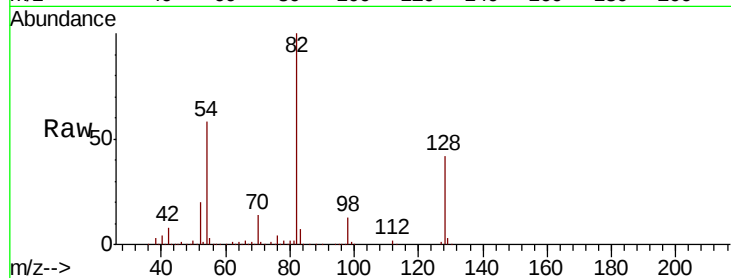
Ion Ratio Lower Upper

70 100

42 58.2 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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111654.D

Acq: 20 Dec 2018 22:22

Tgt Ion: 136 Resp: 756661

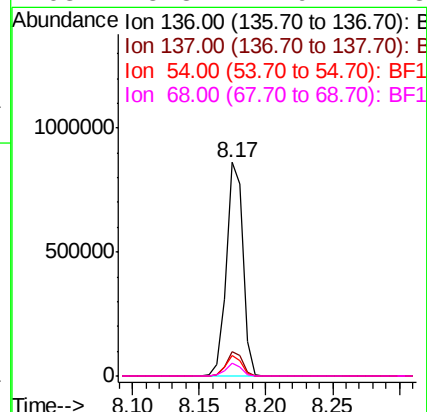
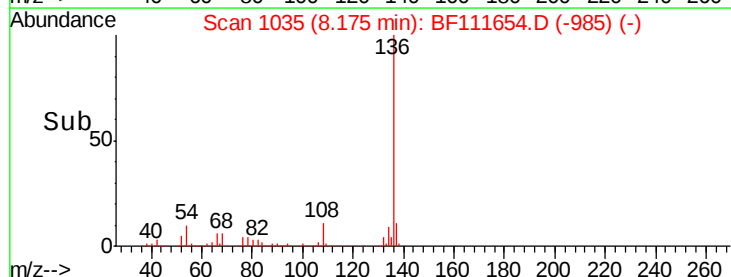
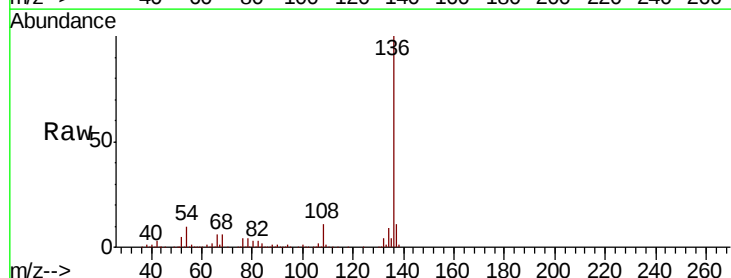
Ion Ratio Lower Upper

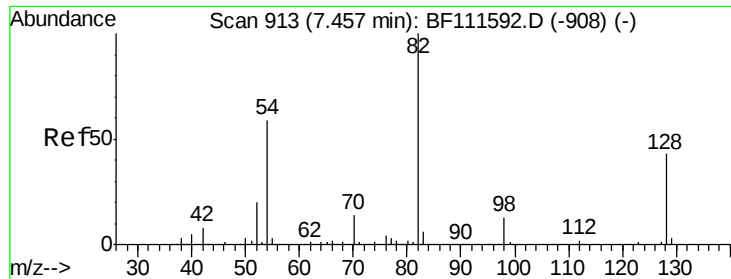
136 100

137 11.4 9.1 13.7

54 9.6 7.7 11.5

68 5.8 4.9 7.3

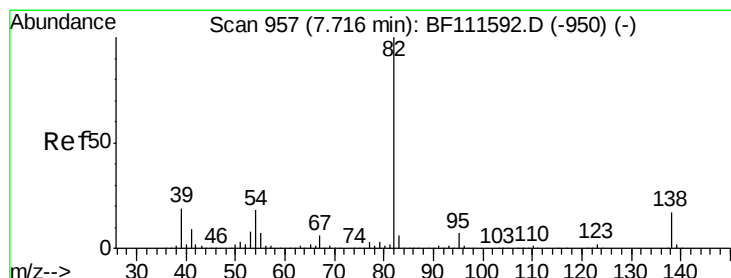
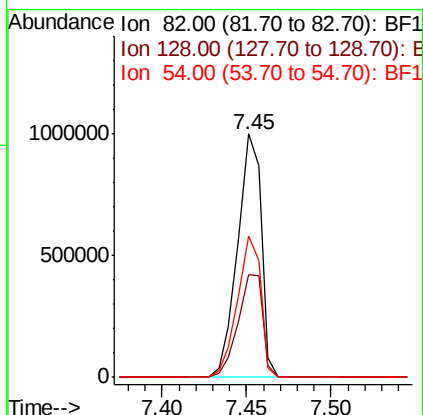
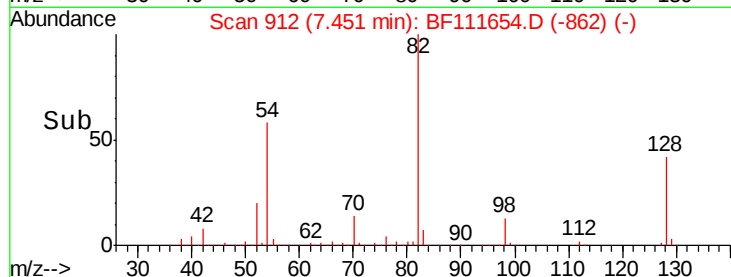
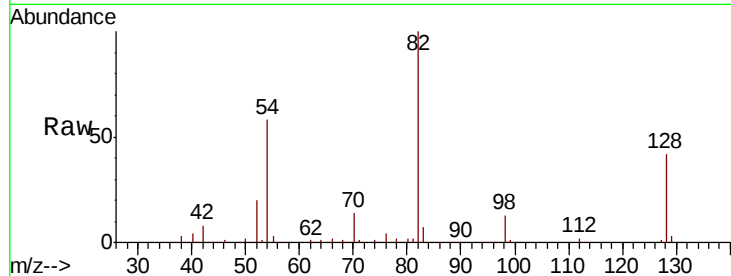




#23
 Nitrobenzene-d5
 Concen: 75.453 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111654.D
 Acq: 20 Dec 2018 22:22

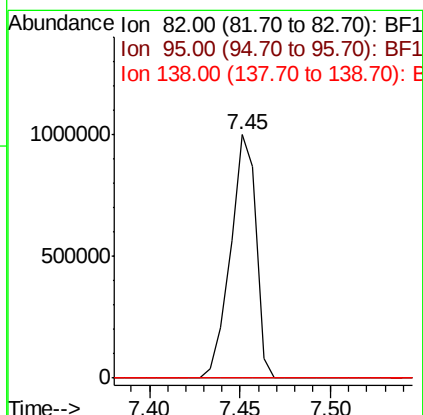
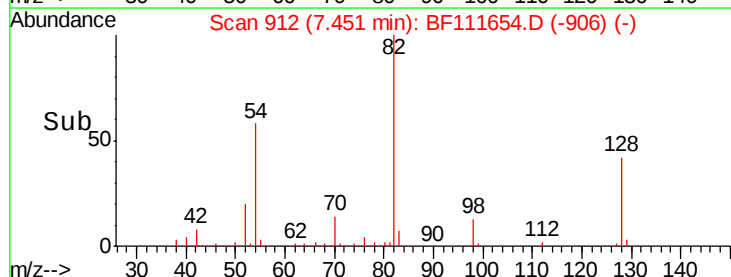
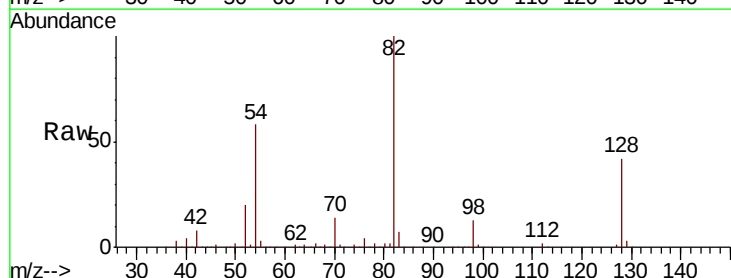
Instrument :
 BNA_F
 ClientSampleId :
 P-1

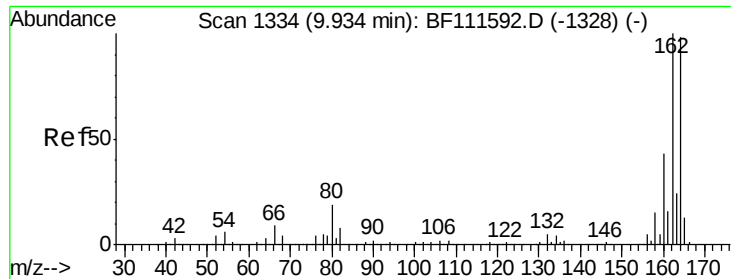
Tgt Ion: 82 Resp: 980834
 Ion Ratio Lower Upper
 82 100
 128 42.3 37.4 56.2
 54 57.8 47.6 71.4



#25
 Isophorone
 Concen: 42.501 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.26 min
 Lab File: BF111654.D
 Acq: 20 Dec 2018 22:22

Tgt Ion: 82 Resp: 980821
 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: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111654.D

Acq: 20 Dec 2018 22:22

Instrument :

BNA_F

ClientSampleId :

P-1

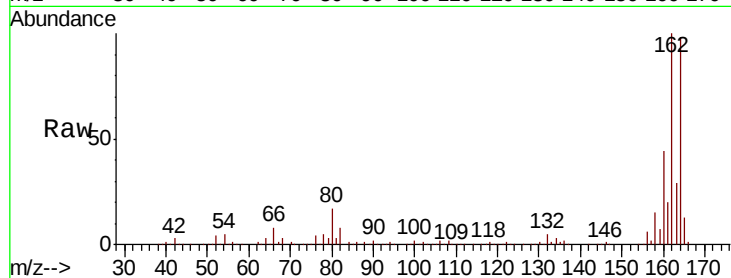
Tgt Ion:164 Resp: 335755

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

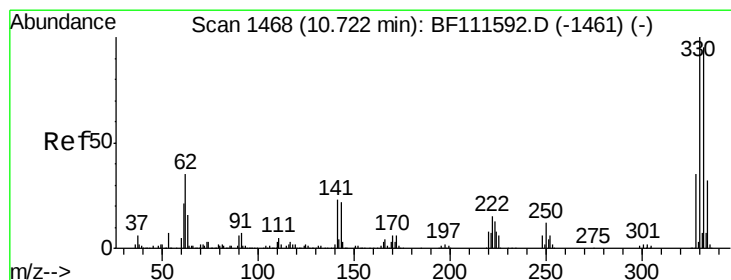
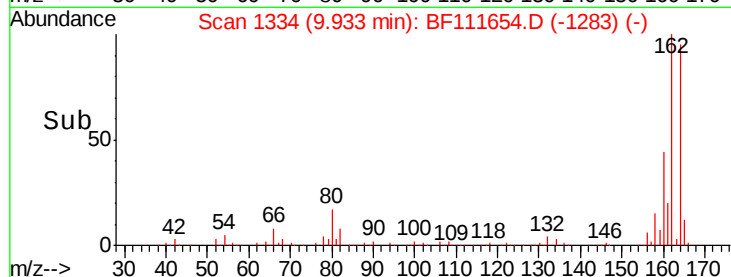
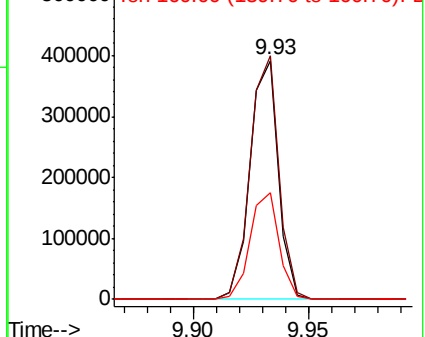
160 44.9 35.7 53.5



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: 83.392 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF111654.D

Acq: 20 Dec 2018 22:22

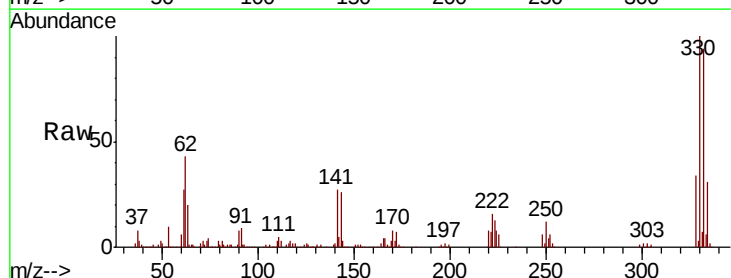
Tgt Ion:330 Resp: 330831

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

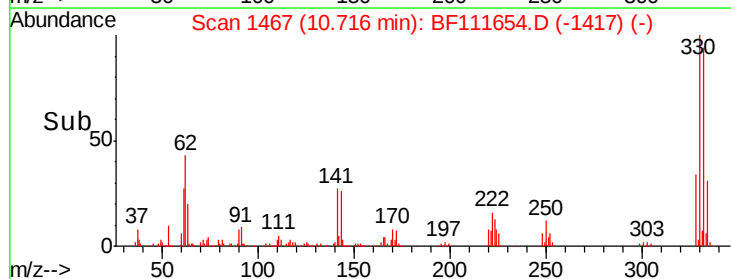
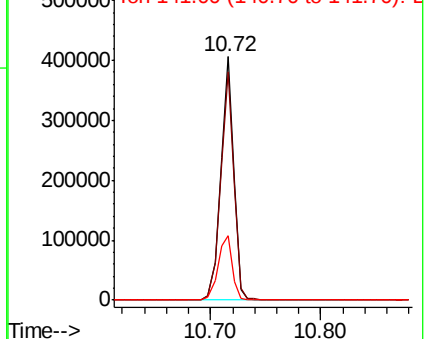
141 29.0 31.0 46.6#

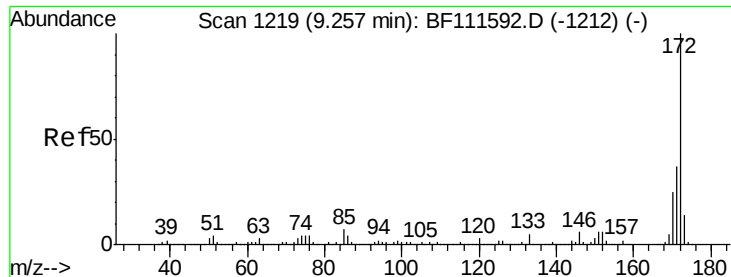


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

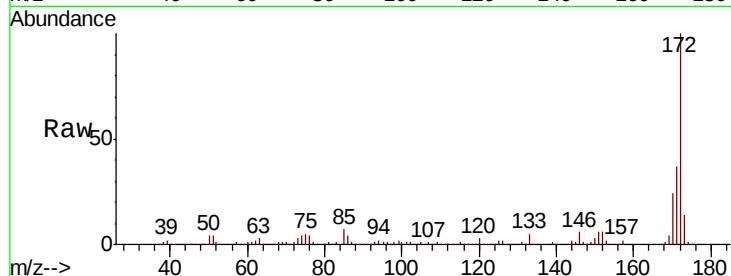




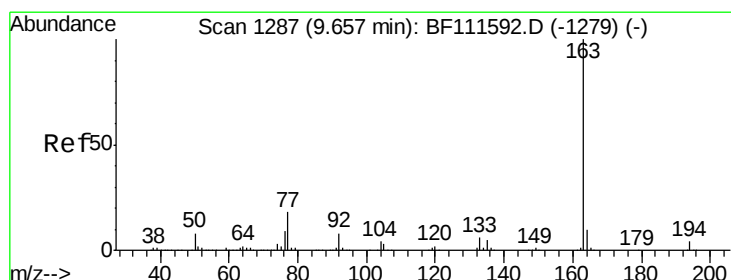
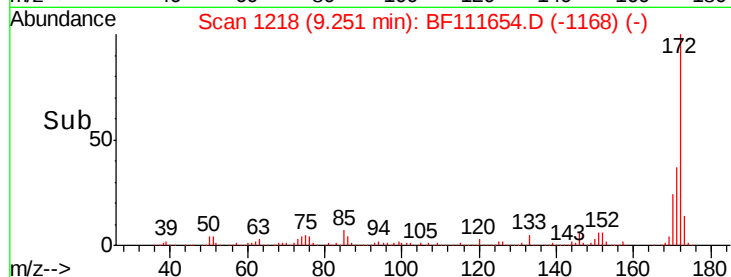
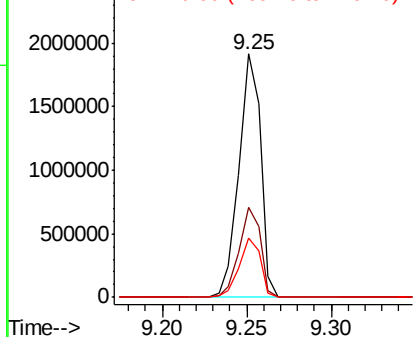
#45
2-Fluorobiphenyl
Concen: 74.661 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111654.D
Acq: 20 Dec 2018 22:22

Instrument :
BNA_F
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Tgt Ion:172 Resp: 1719817
Ion Ratio Lower Upper
172 100
171 36.7 33.0 49.4
170 24.3 22.3 33.5

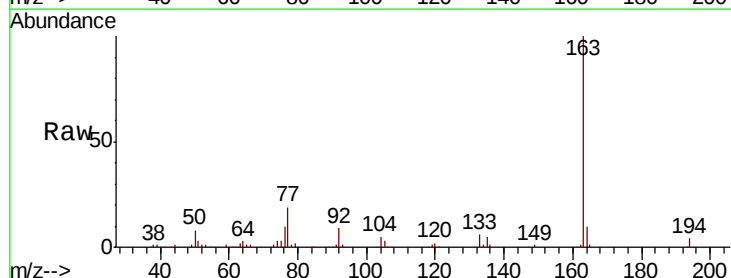


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

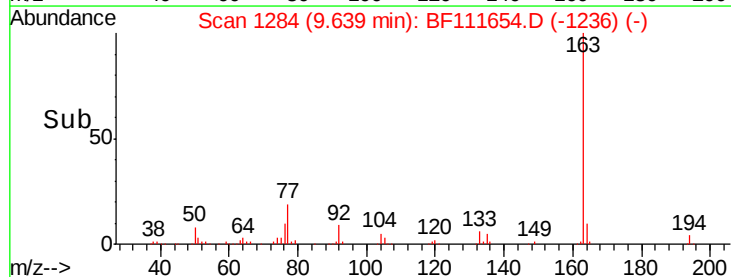
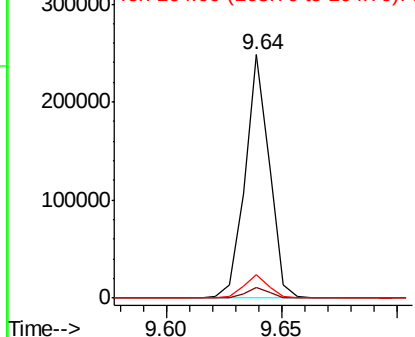


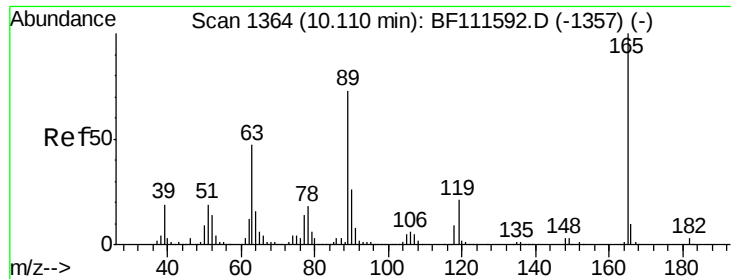
#50
Dimethylphthalate
Concen: 7.369 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111654.D
Acq: 20 Dec 2018 22:22

Tgt Ion:163 Resp: 180941
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 9.6 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

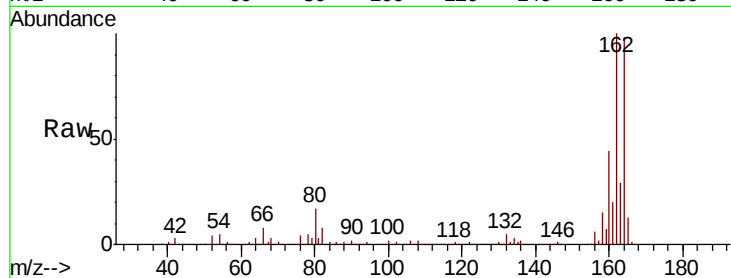




#57
2,4-Dinitrotoluene
Concen: 7.399 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF111654.D
Acq: 20 Dec 2018 22:22

Instrument :
BNA_F
ClientSampleId :
P-1

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#



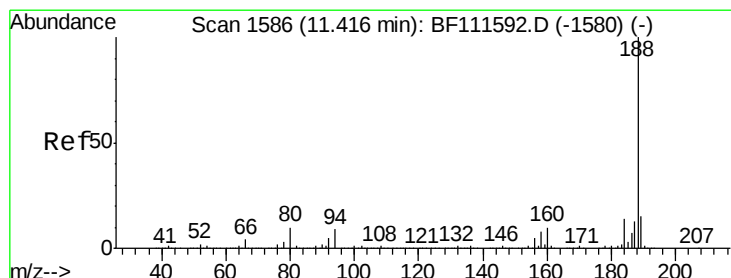
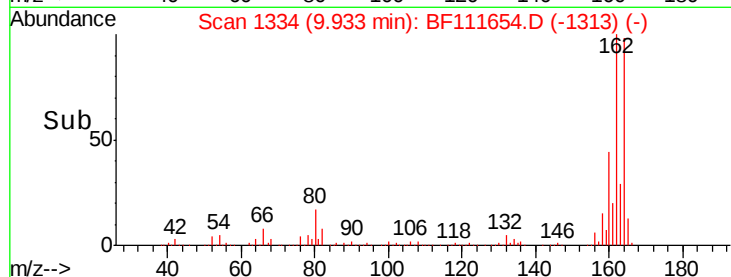
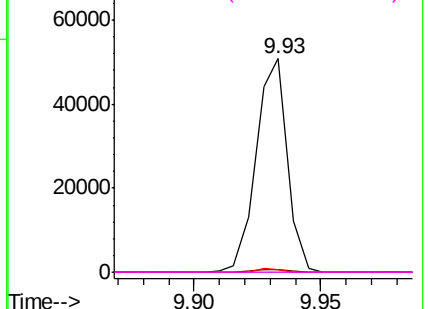
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

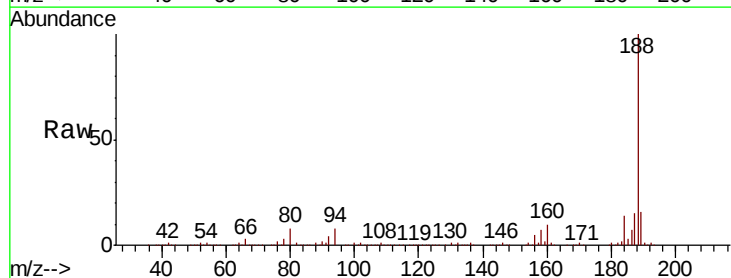
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111654.D
Acq: 20 Dec 2018 22:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.6	14.4#
80	8.3	9.8	14.6#

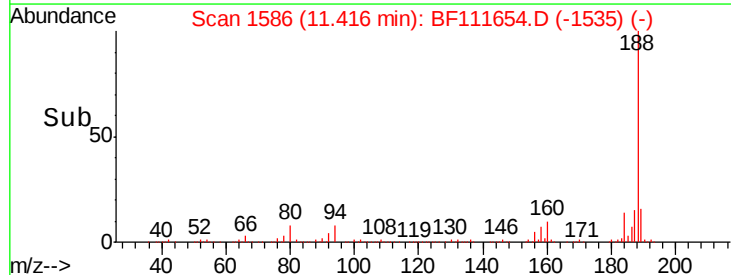
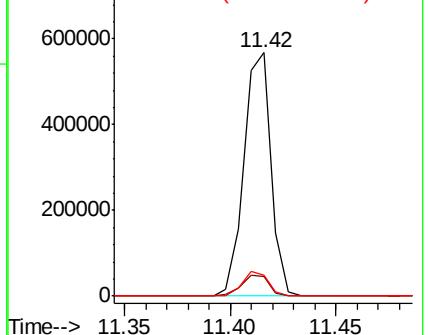


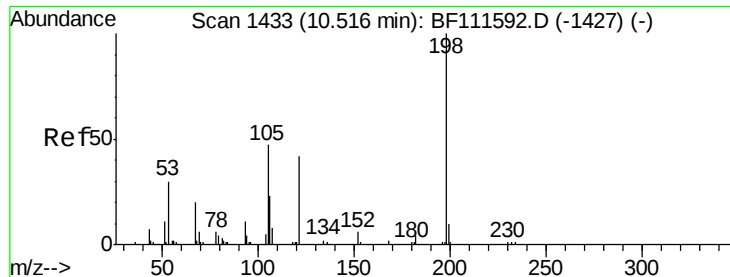
Abundance

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

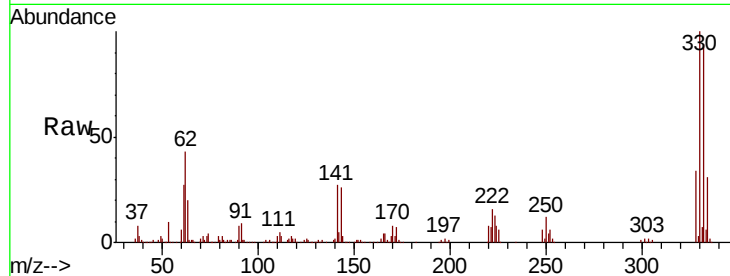




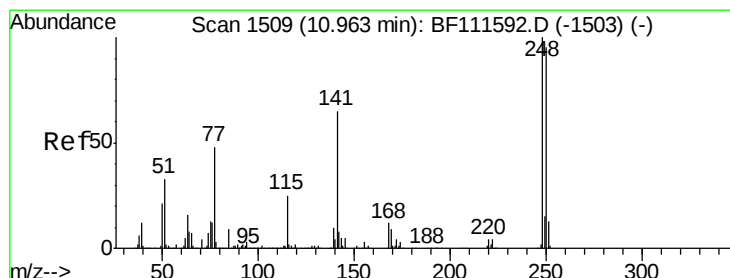
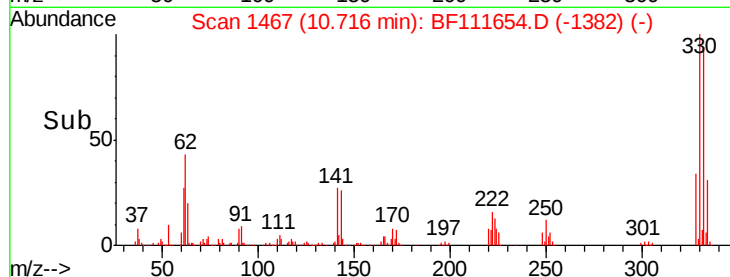
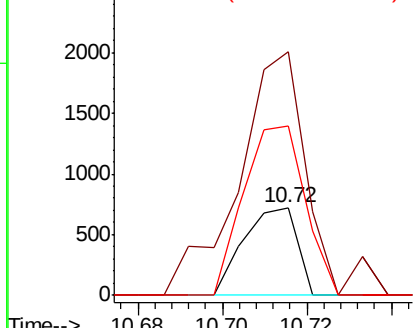
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.956 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.20 min
 Lab File: BF111654.D
 Acq: 20 Dec 2018 22:22

Instrument :
 BNA_F
 ClientSampled :
 P-1

Tgt Ion:198 Resp: 636
 Ion Ratio Lower Upper
 198 100
 51 276.7 48.0 88.0#
 105 192.1 34.0 74.0#

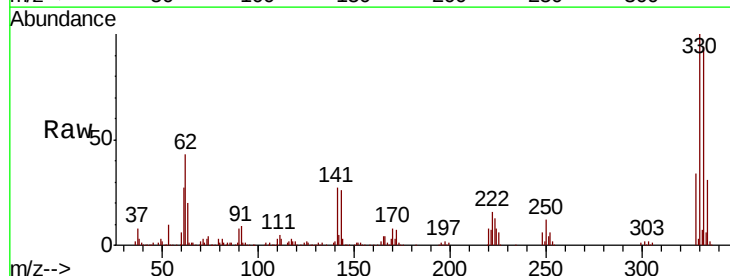


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

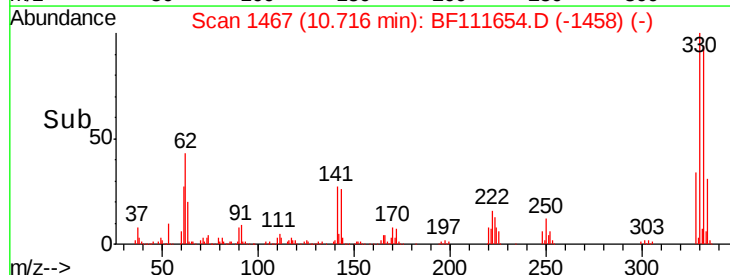
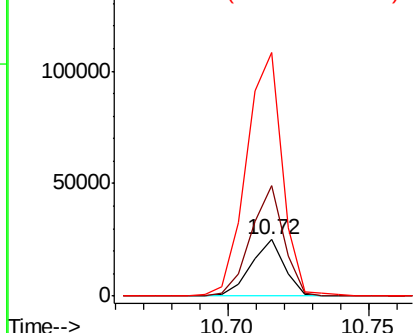


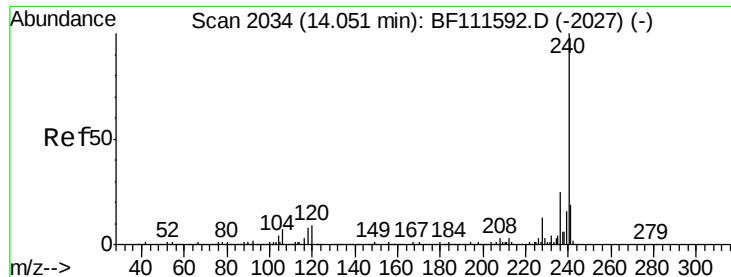
#67
 4-Bromophenyl-phenylether
 Concen: 3.262 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF111654.D
 Acq: 20 Dec 2018 22:22

Tgt Ion:248 Resp: 20383
 Ion Ratio Lower Upper
 248 100
 250 197.3 77.0 115.4#
 141 432.4 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

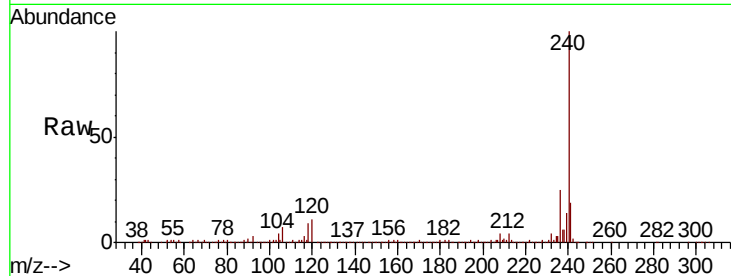




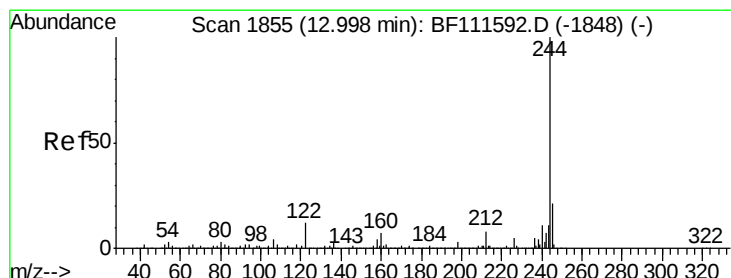
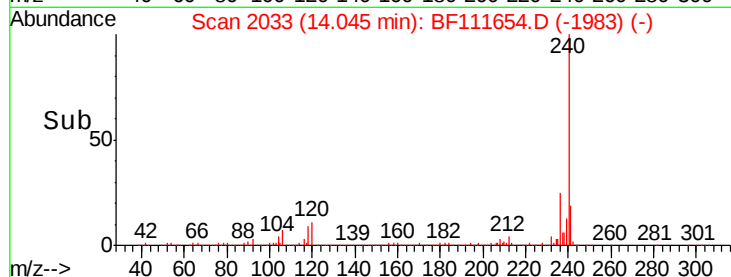
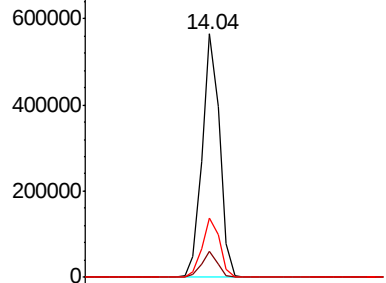
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111654.D
Acq: 20 Dec 2018 22:22

Instrument :
BNA_F
ClientSampleId :
P-1

Tgt Ion:240 Resp: 483035
Ion Ratio Lower Upper
240 100
120 10.8 12.2 18.2#
236 24.5 20.2 30.2

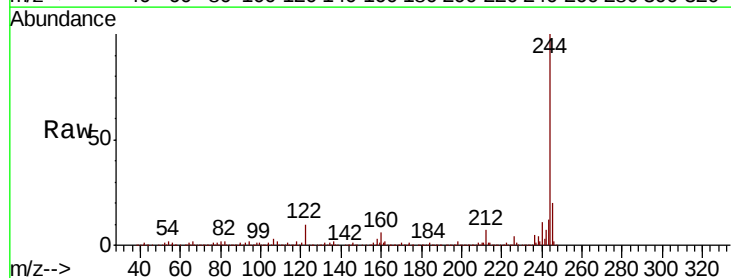


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

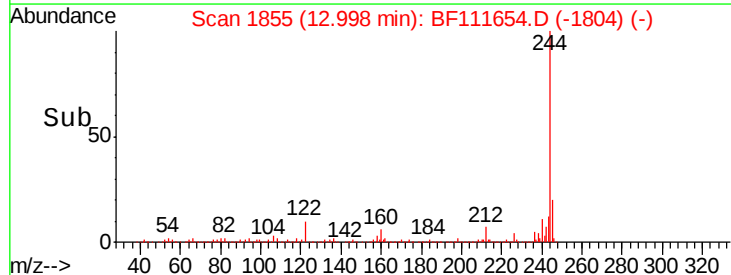
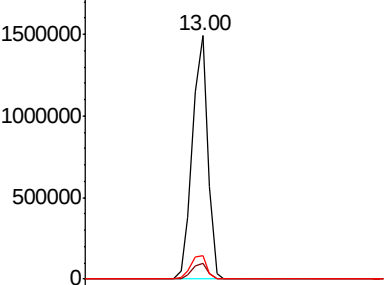


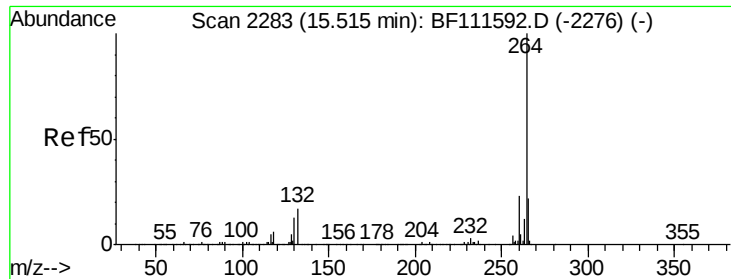
#79
Terphenyl-d14
Concen: 51.065 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111654.D
Acq: 20 Dec 2018 22:22

Tgt Ion:244 Resp: 1300667
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 9.7 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111654.D
Acq: 20 Dec 2018 22:22

Instrument :
BNA_F
ClientSampleId :
P-1

Tgt Ion: 264 Resp: 370403

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	21.4	17.7	26.5

