

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101088.D
 Acq On : 4 Dec 2017 10:55
 Operator : SJ/JU
 Sample : I6630-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 14:49:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

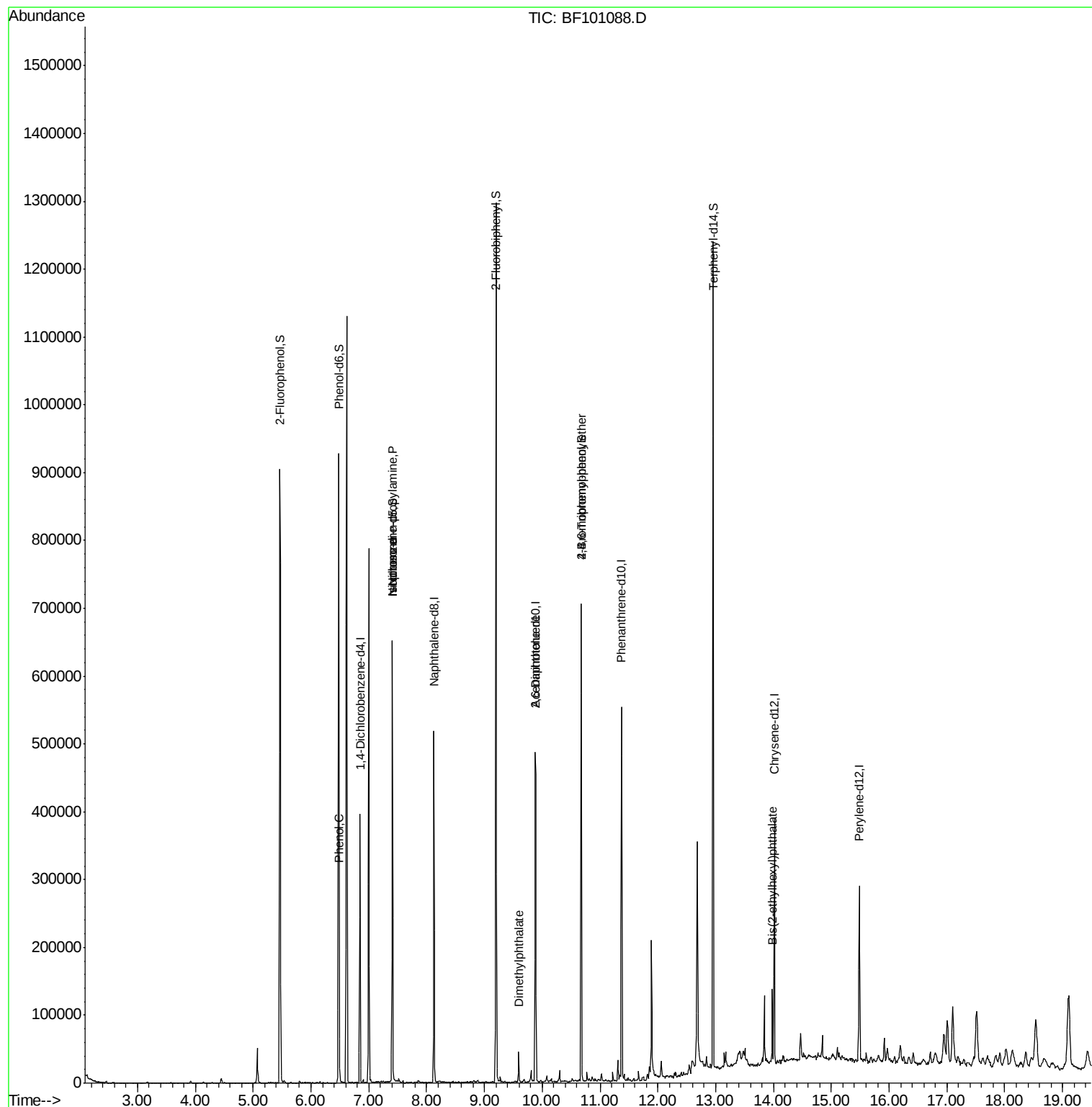
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54472	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	213475	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	101309	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	204811	20.00	ng	0.00
75) Chrysene-d12	14.02	240	131103	20.00	ng	0.00
86) Perylene-d12	15.49	264	126150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	257835	78.22	ng	0.00
7) Phenol-d6	6.48	99	306970	76.70	ng	0.00
23) Nitrobenzene-d5	7.41	82	188179	52.58	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	85978	70.65	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	413087	55.79	ng	0.00
78) Terphenyl-d14	12.96	244	402317	67.12	ng	0.00
Target Compounds						
10) Phenol	6.49	94	11541	2.59	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.41	70	24806	9.20	ng	# 81
25) Isophorone	7.41	82	188177	30.78	ng	# 64
49) Dimethylphthalate	9.59	163	16743	2.05	ng	# 96
50) 2,6-Dinitrotoluene	9.88	165	12621	7.33	ng	# 28
66) 4-Bromophenyl-phenylether	10.67	248	5186	2.26	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.98	149	27746	4.88	ng	# 97

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

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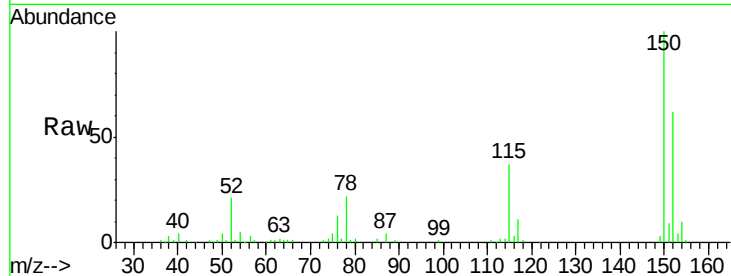


#1

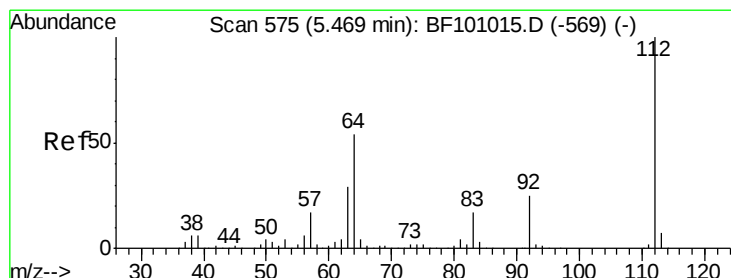
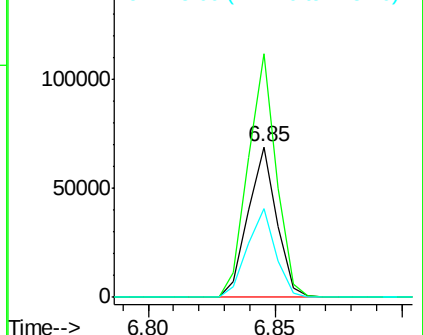
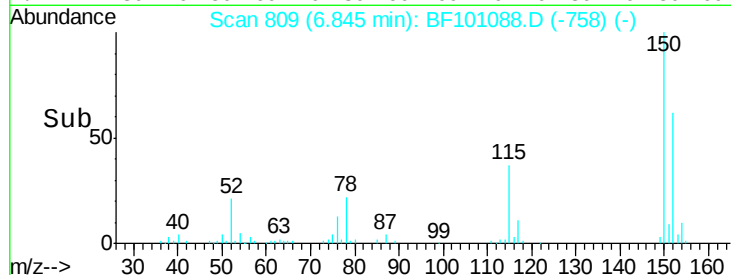
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 54472
Ion Ratio Lower Upper
152 100
150 161.6 124.6 186.8
115 59.0 50.1 75.1



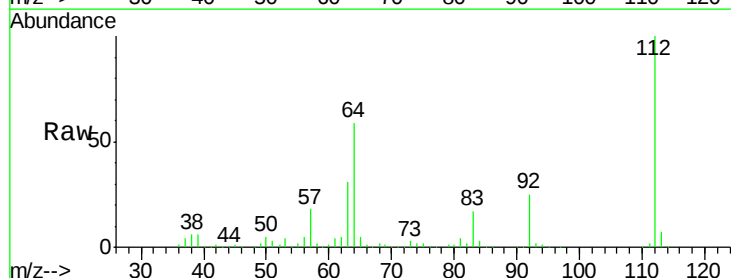
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



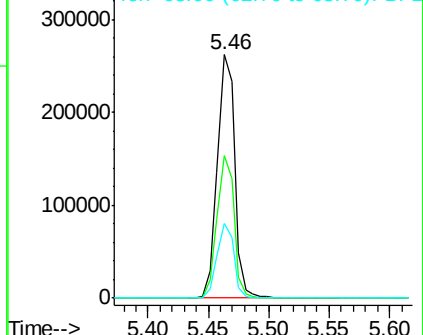
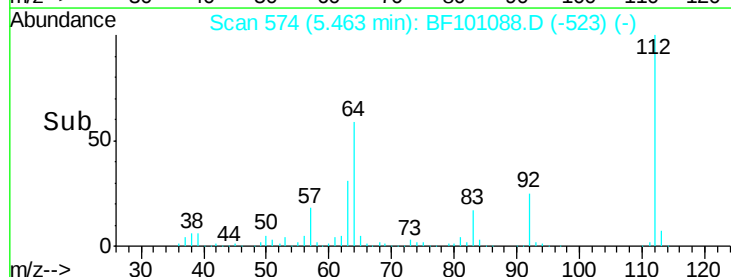
#5

2-Fluorophenol
Concen: 78.22 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

Tgt Ion:112 Resp: 257835
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 30.6 23.7 35.5



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: 76.70 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101088.D

Acq: 4 Dec 2017 10:55

Instrument :

BNA_F

ClientSampleId :

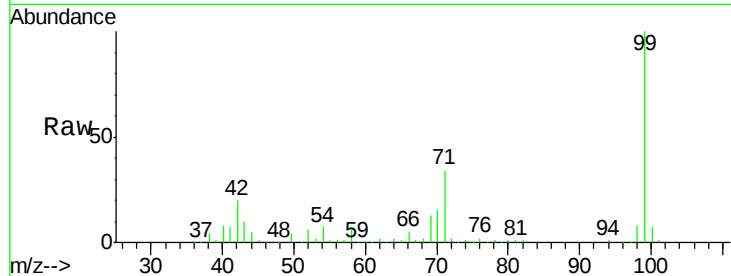
Tot Ion: 99 Resp: 306970

Ion Ratio Lower Upper

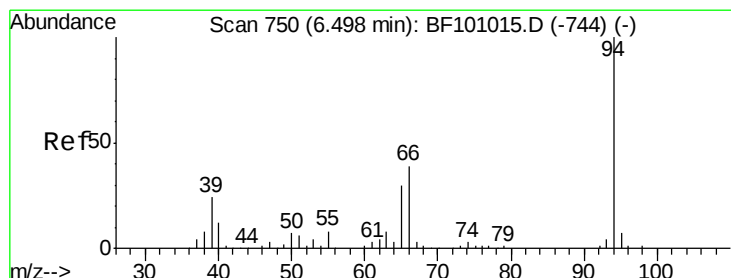
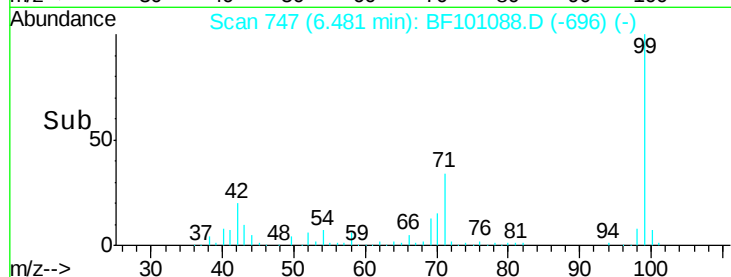
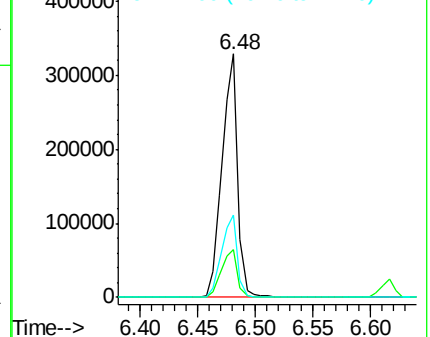
99 100

42 19.6 14.5 21.7

71 33.7 25.4 38.0



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: 2.59 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101088.D

Acq: 4 Dec 2017 10:55

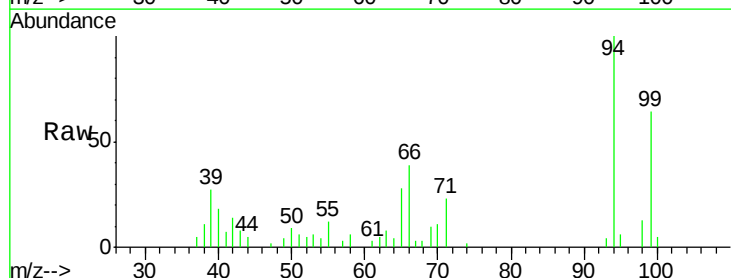
Tgt Ion: 94 Resp: 11541

Ion Ratio Lower Upper

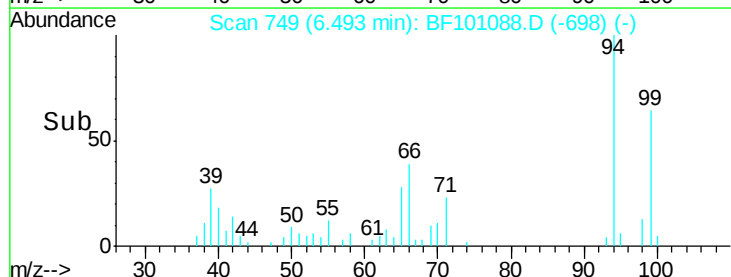
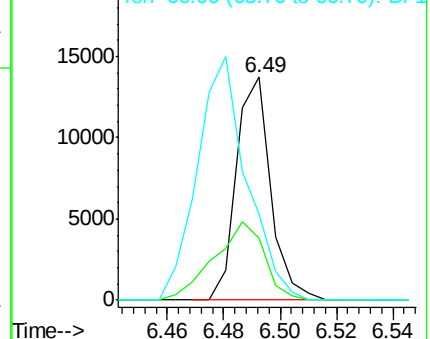
94 100

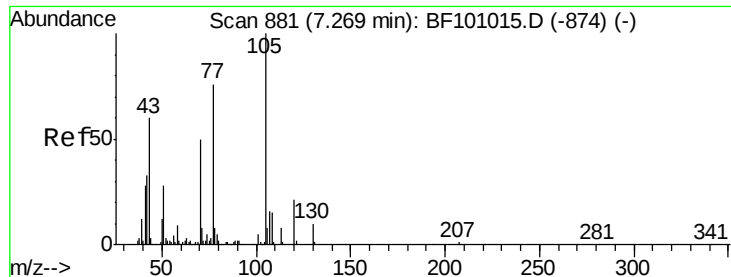
65 27.7 7.9 47.9

66 38.7 16.2 56.2



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

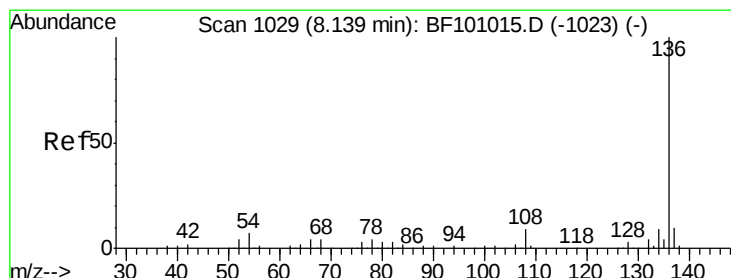
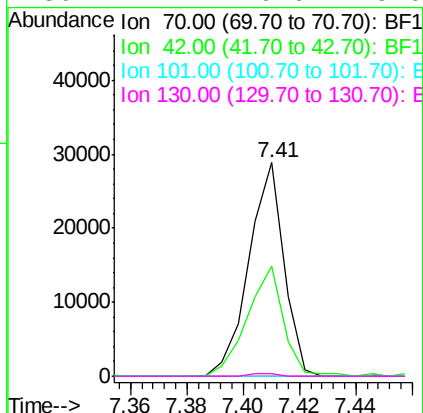
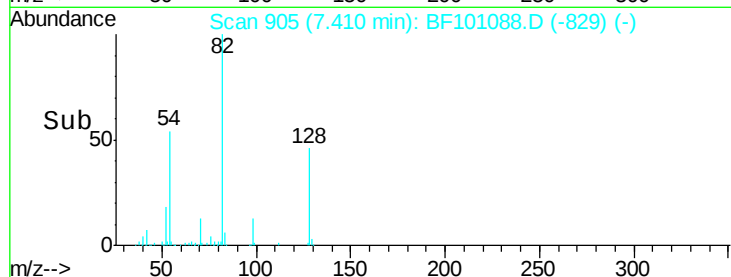
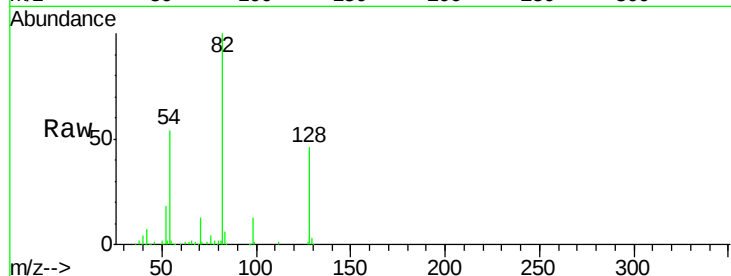




#19
n-Nitroso-di-n-propylamine
Concen: 9.20 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

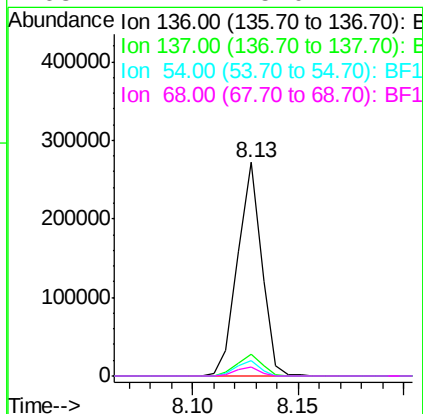
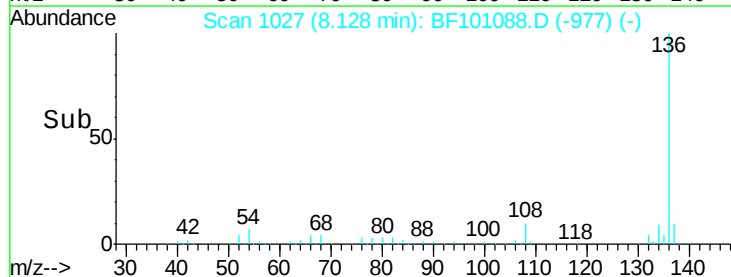
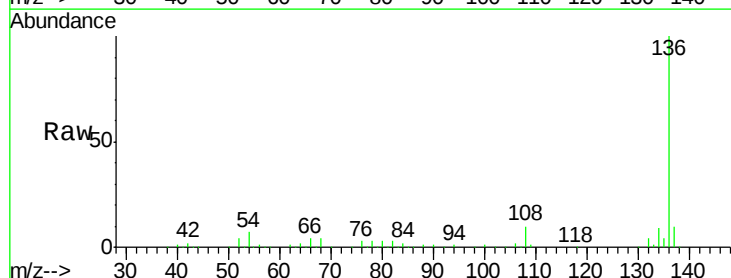
Instrument :
BNA_F
ClientSampleId :

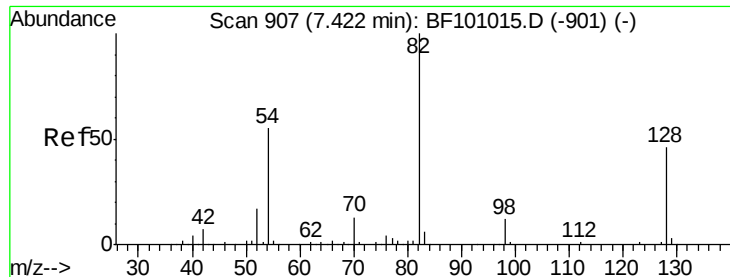
Tot Ion: 70 Resp: 24806
Ion Ratio Lower Upper
70 100
42 51.3 47.5 71.3
101 0.0 7.4 11.2#
130 1.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

Tgt Ion: 136 Resp: 213475
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 7.1 6.6 9.8
68 4.2 5.0 7.4#

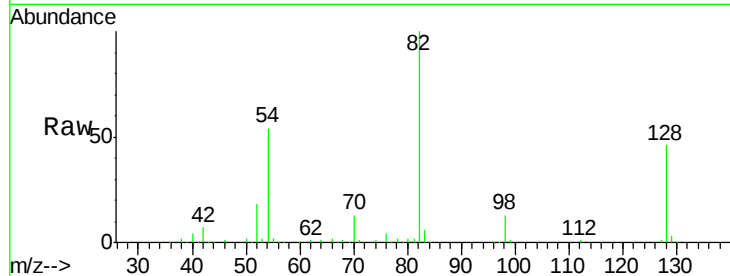




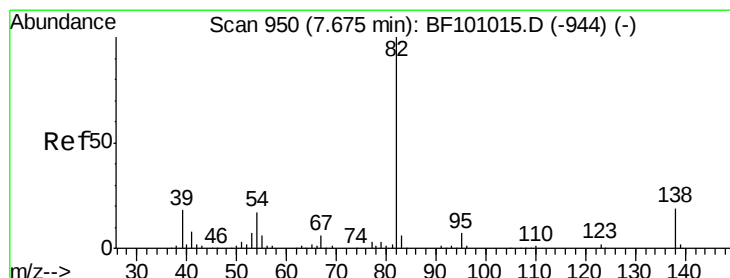
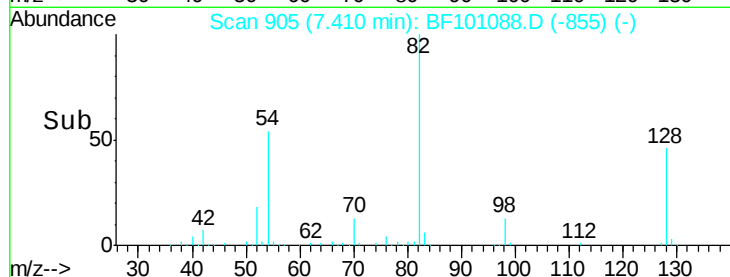
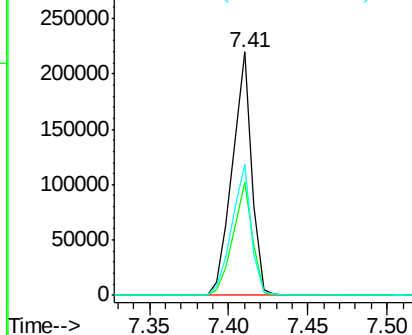
#23
Nitrobenzene-d5
Concen: 52.58 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 188179
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 54.0 41.4 62.2

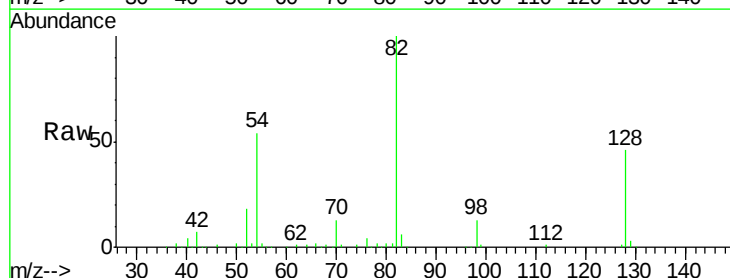


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

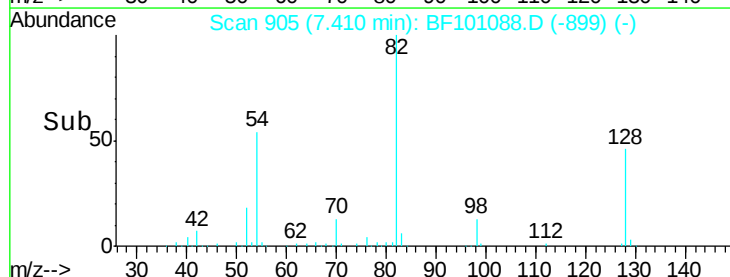
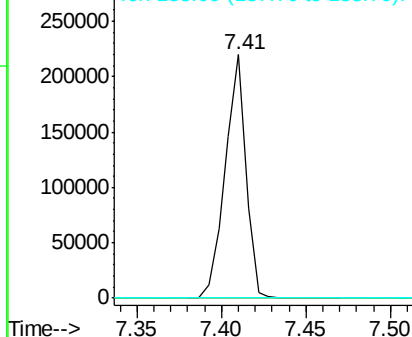


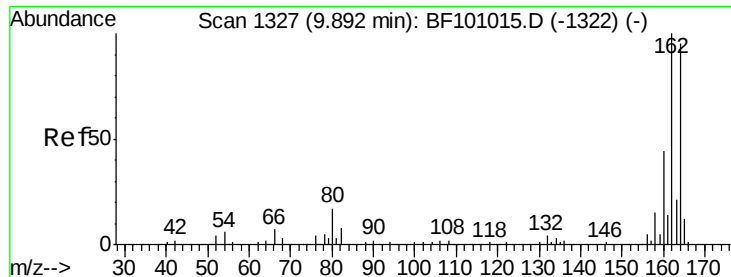
#25
Isophorone
Concen: 30.78 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

Tgt Ion: 82 Resp: 188177
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



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

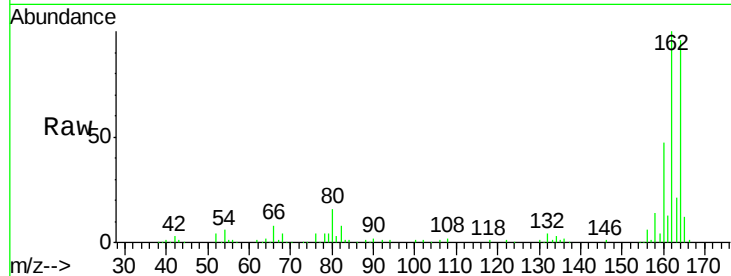




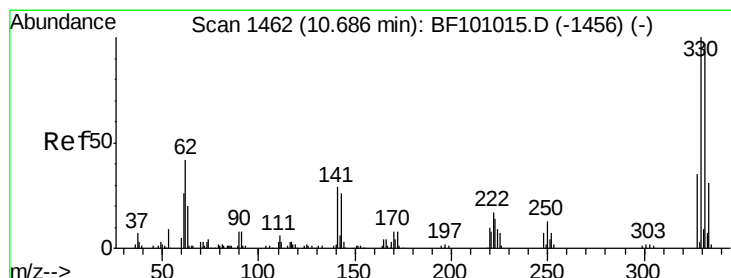
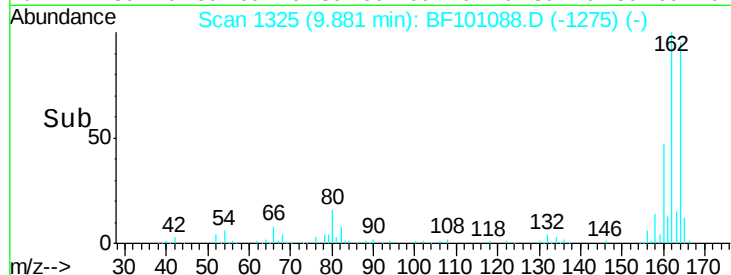
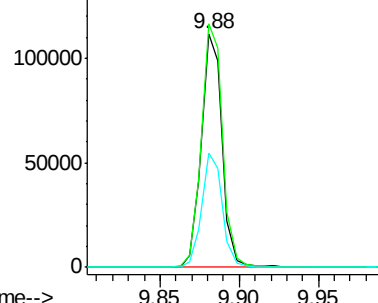
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 101309
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 49.1 38.3 57.5

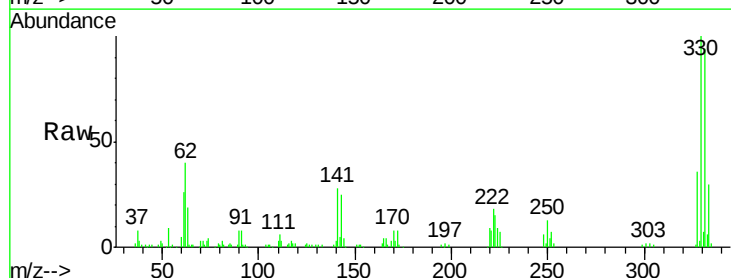


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

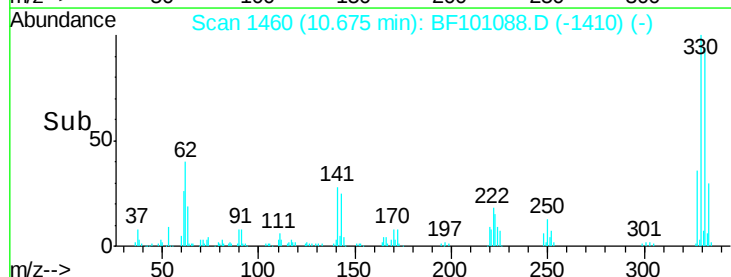
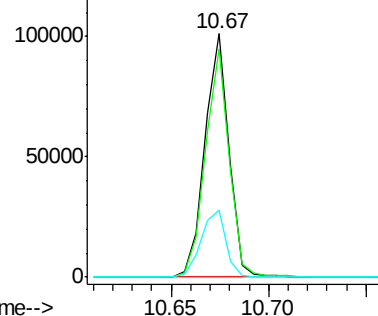


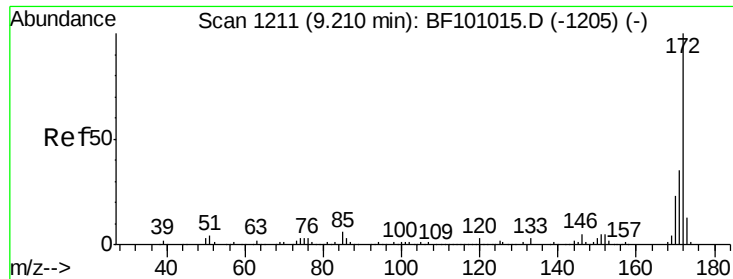
#41
2,4,6-Tribromophenol
Concen: 70.65 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

Tgt Ion:330 Resp: 85978
Ion Ratio Lower Upper
330 100
332 93.7 77.0 115.6
141 28.5 29.9 44.9#



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

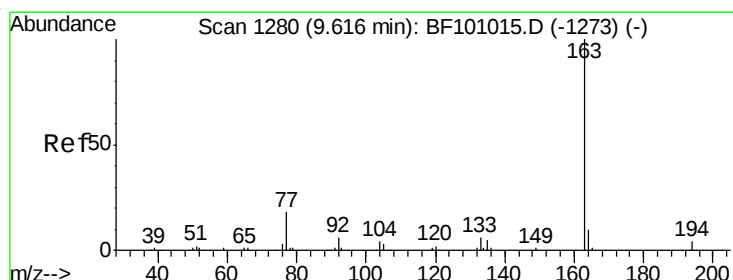
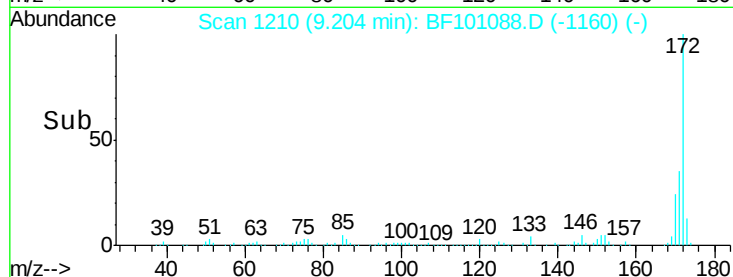
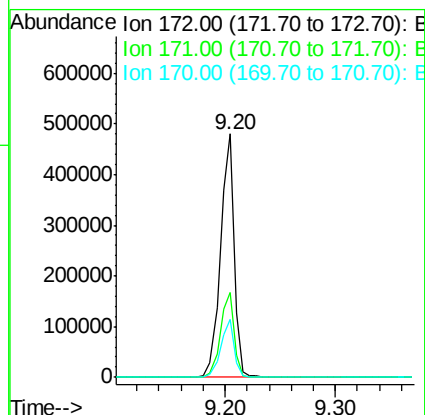
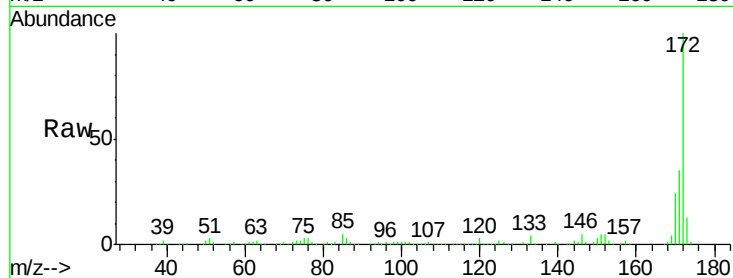




#44
 2-Fluorobiphenyl
 Concen: 55.79 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101088.D
 Acq: 4 Dec 2017 10:55

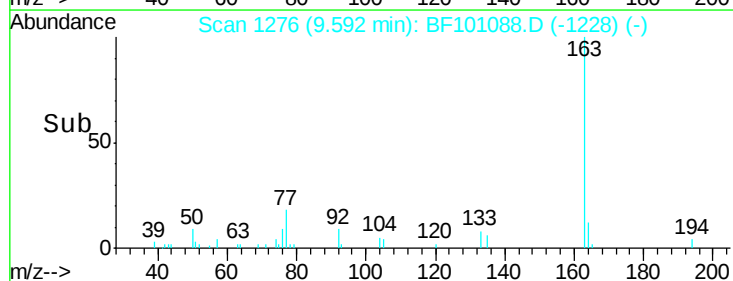
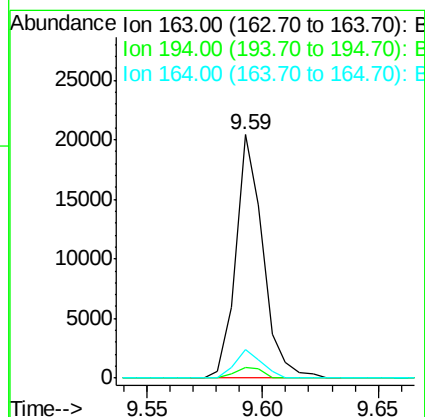
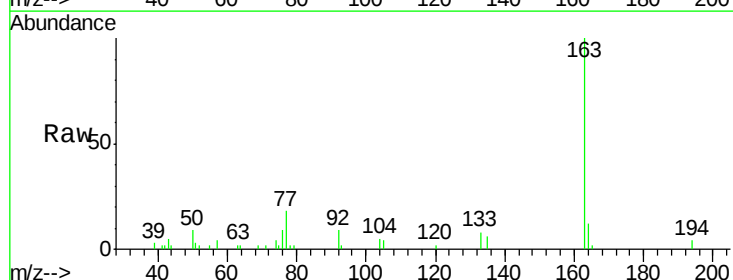
Instrument :
 BNA_F
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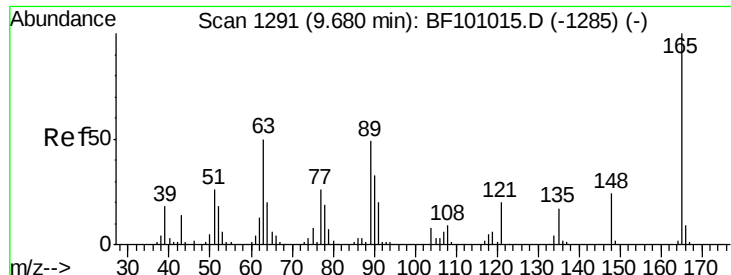
Tot Ion:172 Resp: 413087
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 24.1 19.6 29.4



#49
 Dimethylphthalate
 Concen: 2.05 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF101088.D
 Acq: 4 Dec 2017 10:55

Tgt Ion:163 Resp: 16743
 Ion Ratio Lower Upper
 163 100
 194 4.4 2.7 4.1#
 164 11.9 8.2 12.2

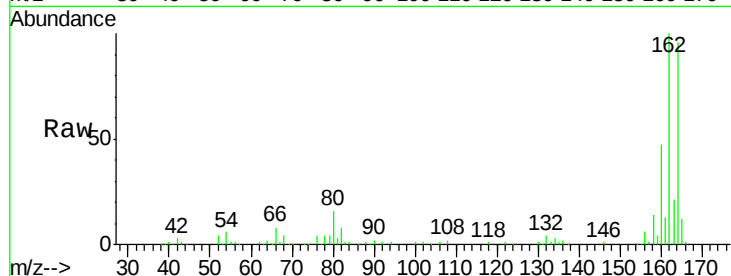




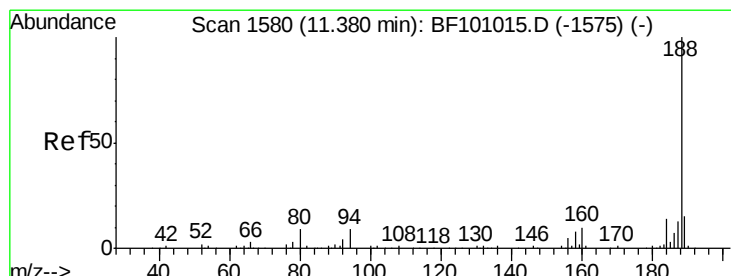
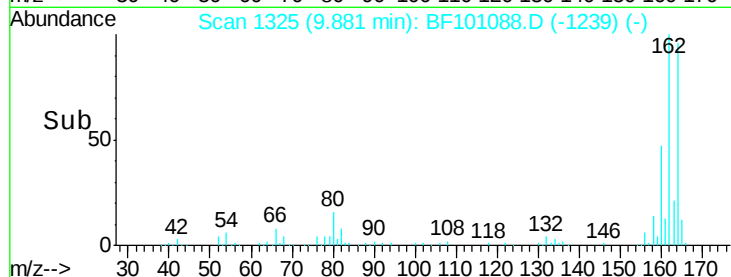
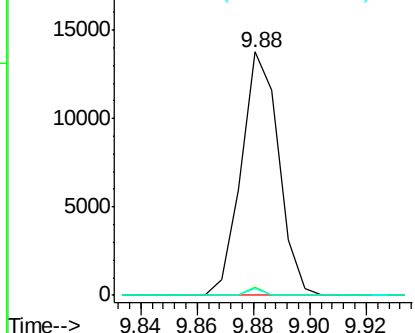
#50
 2,6-Dinitrotoluene
 Concen: 7.33 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101088.D
 Acq: 4 Dec 2017 10:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 12621
 Ion Ratio Lower Upper
 165 100
 63 3.2 44.7 67.1#
 89 2.6 44.0 66.0#

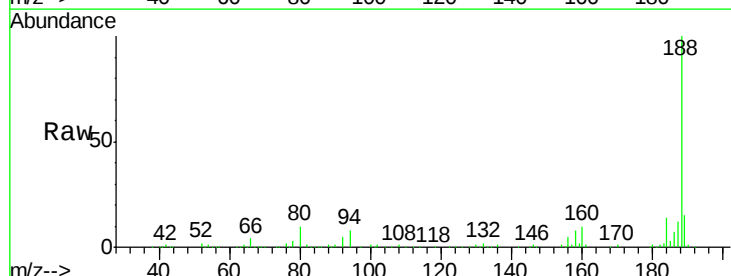


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

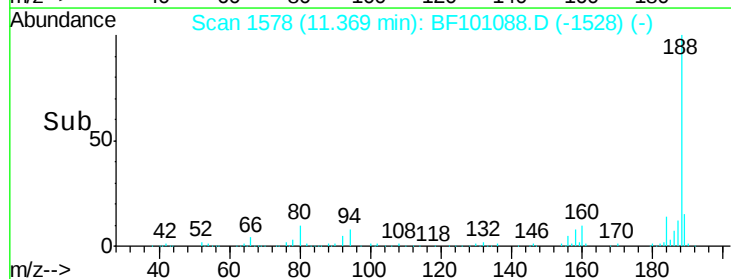
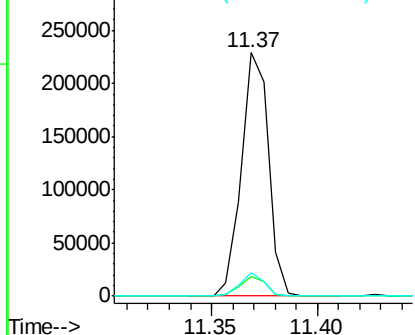


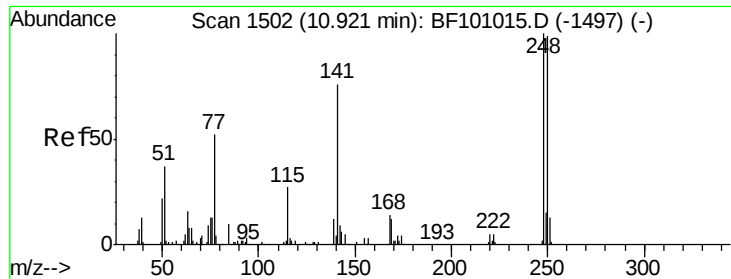
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF101088.D
 Acq: 4 Dec 2017 10:55

Tgt Ion:188 Resp: 204811
 Ion Ratio Lower Upper
 188 100
 94 8.2 8.5 12.7#
 80 9.5 9.2 13.8



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

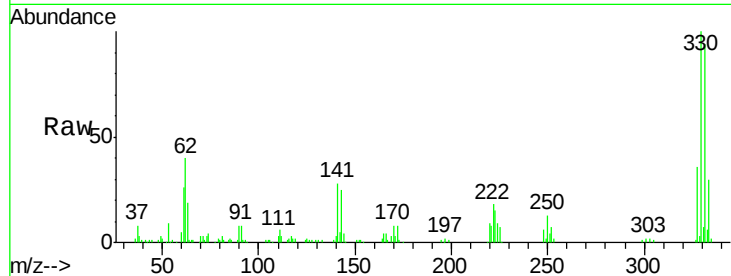




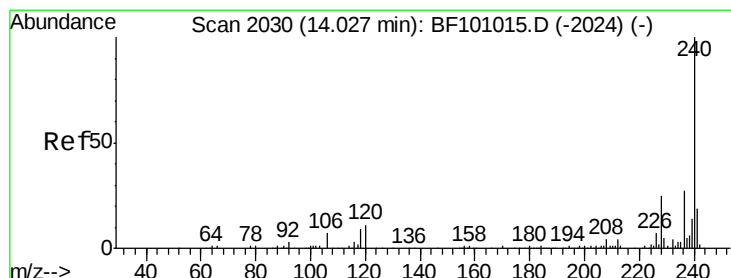
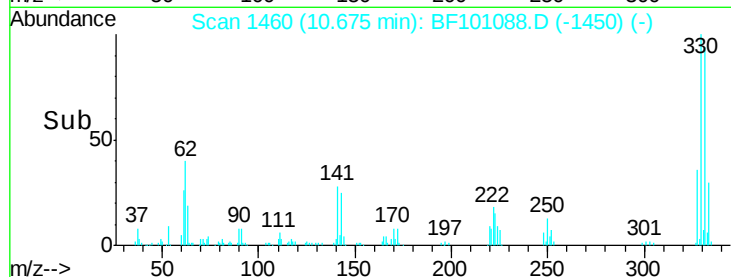
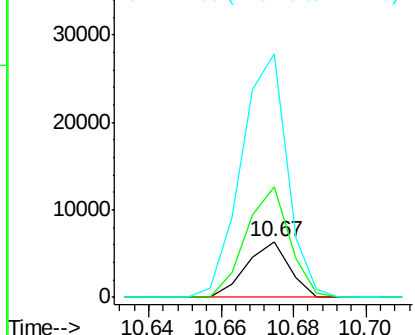
#66
4-Bromophenyl-phenylether
Concen: 2.26 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5186
Ion Ratio Lower Upper
248 100
250 199.3 76.9 115.3#
141 437.6 74.4 111.6#

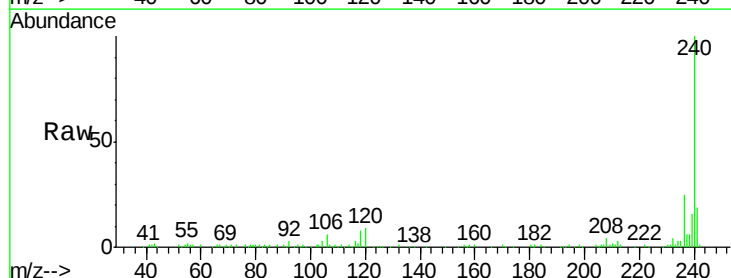


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

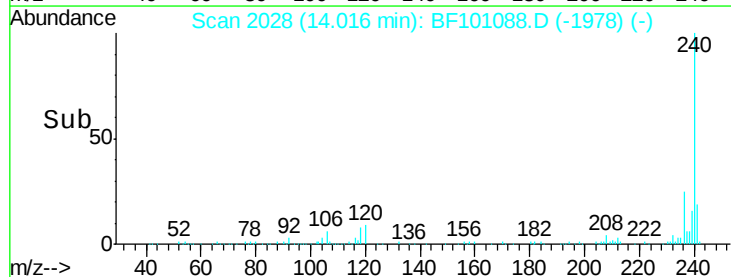
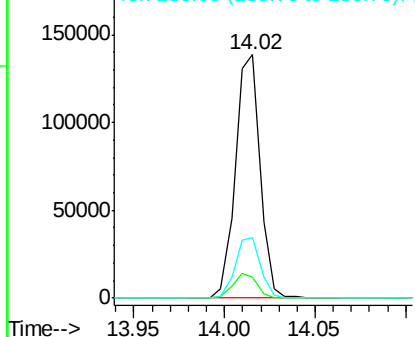


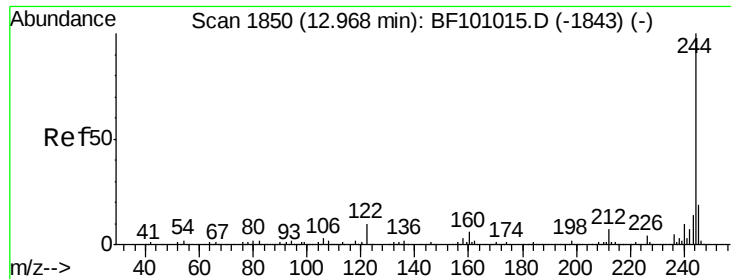
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

Tgt Ion:240 Resp: 131103
Ion Ratio Lower Upper
240 100
120 8.7 9.5 14.3#
236 25.1 20.7 31.1



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





#78

Terphenyl-d14

Concen: 67.12 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101088.D

Acq: 4 Dec 2017 10:55

Instrument :

BNA_F

ClientSampleId :

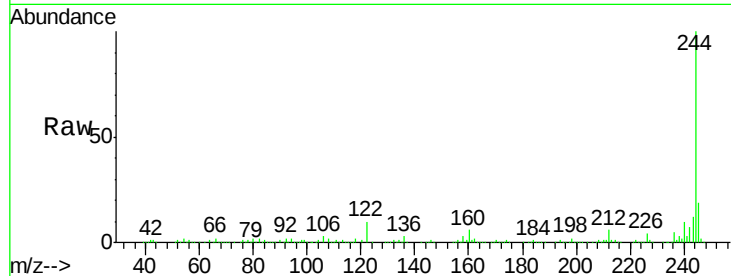
Tot Ion:244 Resp: 402317

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

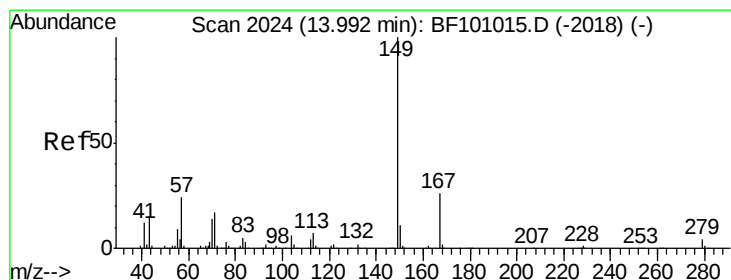
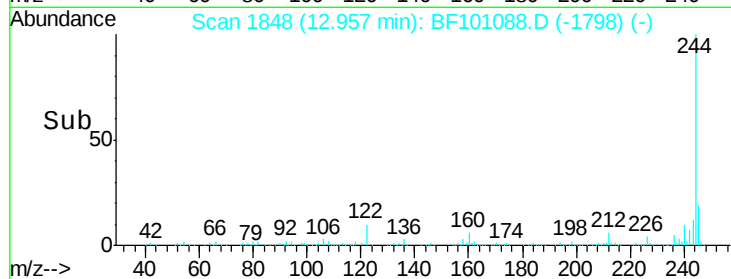
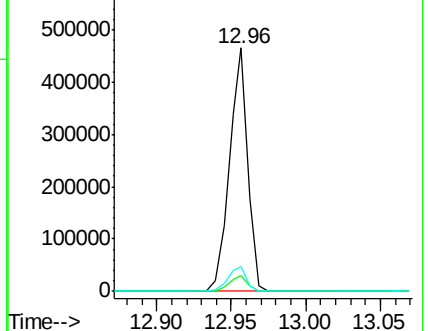
122 10.0 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.88 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF101088.D

Acq: 4 Dec 2017 10:55

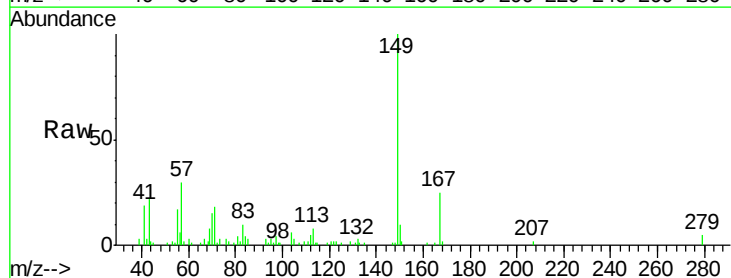
Tgt Ion:149 Resp: 27746

Ion Ratio Lower Upper

149 100

167 24.8 21.3 31.9

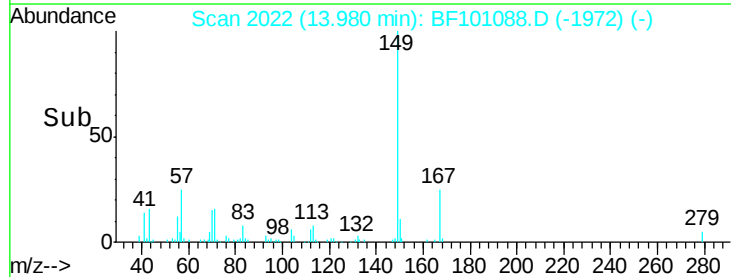
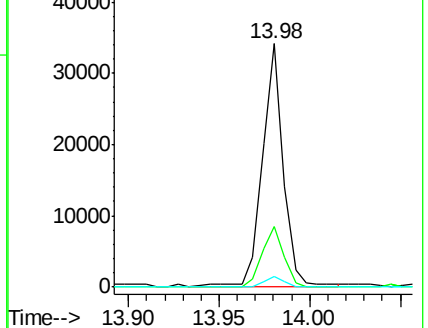
279 4.6 3.0 4.4#

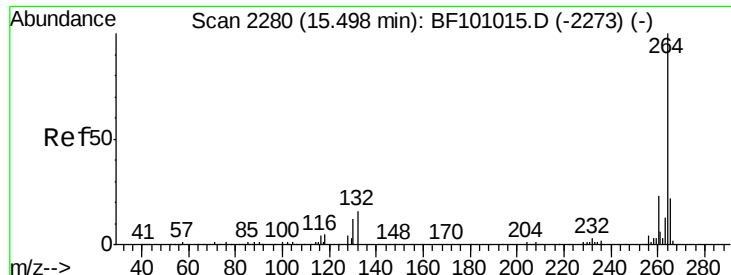


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

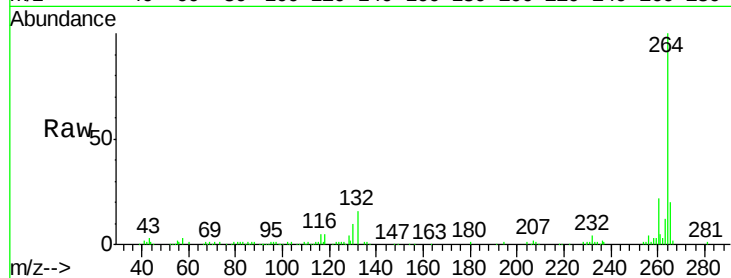




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF101088.D
 Acq: 4 Dec 2017 10:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	20.3	17.5	26.3



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

