

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101422.D
 Acq On : 15 Dec 2017 4:17
 Operator : SJ/JU
 Sample : I6888-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 07:33:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

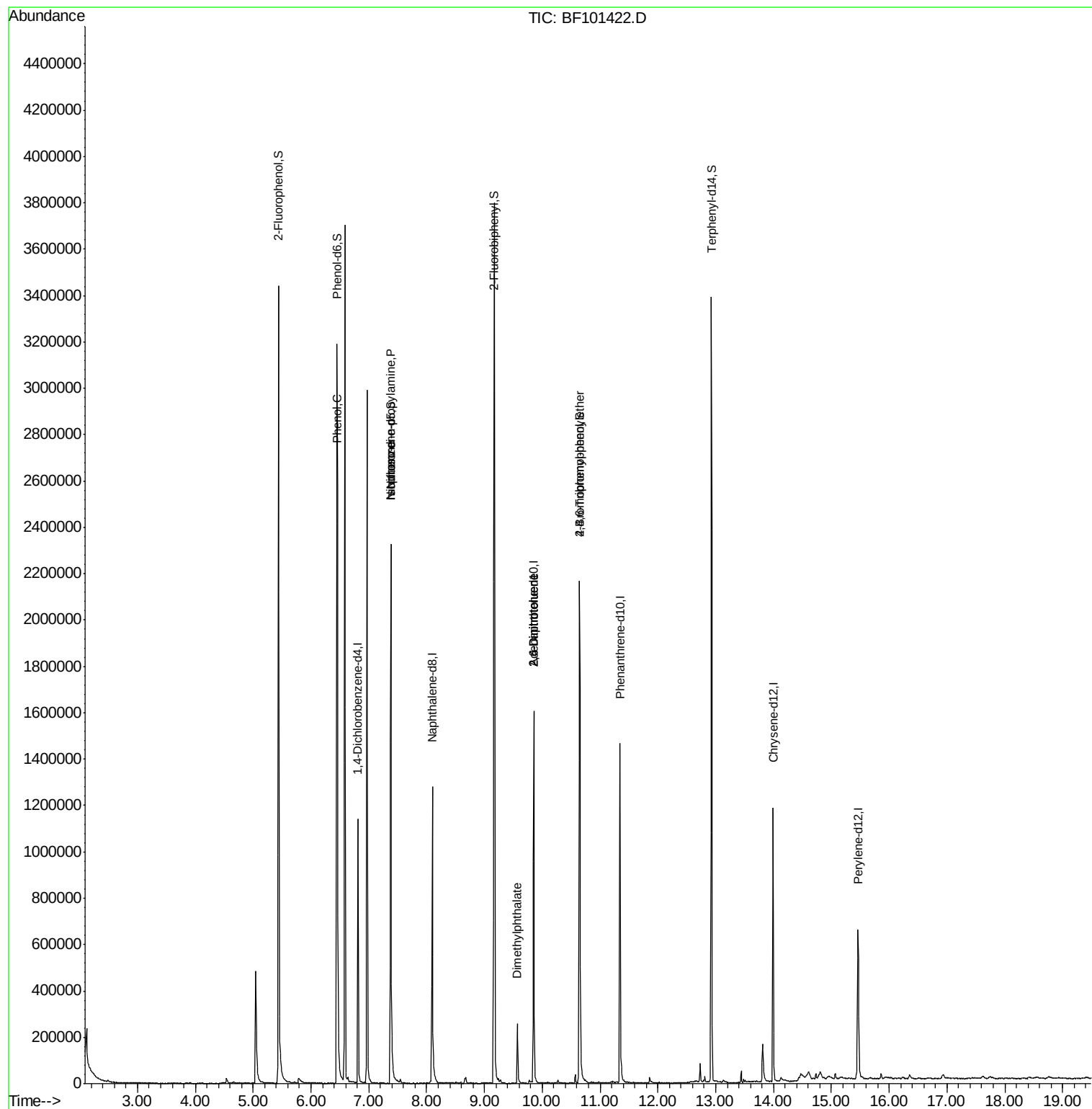
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	176005	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	721968	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	323724	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	629219	20.00	ng	0.00
75) Chrysene-d12	13.99	240	433900	20.00	ng	-0.01
86) Perylene-d12	15.46	264	343860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1090234	92.27	ng	0.00
7) Phenol-d6	6.45	99	1340431	91.15	ng	0.00
23) Nitrobenzene-d5	7.38	82	873665	67.36	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	307774	98.67	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1382334	66.24	ng	0.00
78) Terphenyl-d14	12.93	244	1243663	69.10	ng	0.00
Target Compounds						
10) Phenol	6.46	94	69077	4.121	ng	87
19) n-Nitroso-di-n-propylamine	7.38	70	117531	12.170	ng	# 84
25) Isophorone	7.38	82	873660	33.579	ng	# 64
49) Dimethylphthalate	9.57	163	131480	5.049	ng	98
50) 2,6-Dinitrotoluene	9.85	165	40291	7.613	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	40291	6.757	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	19562	2.767	ng	# 1

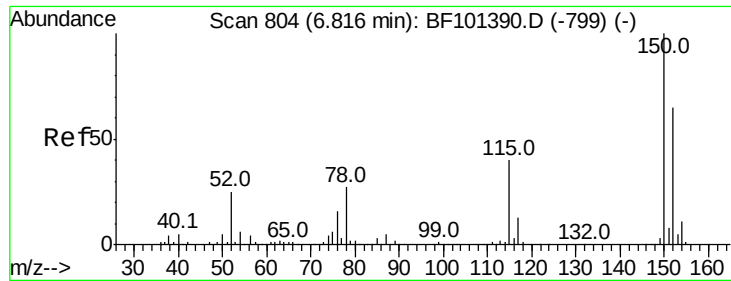
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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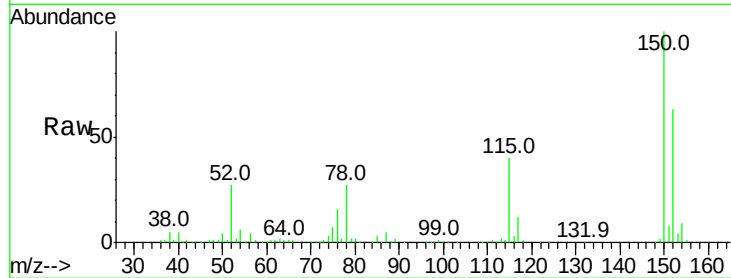


#1

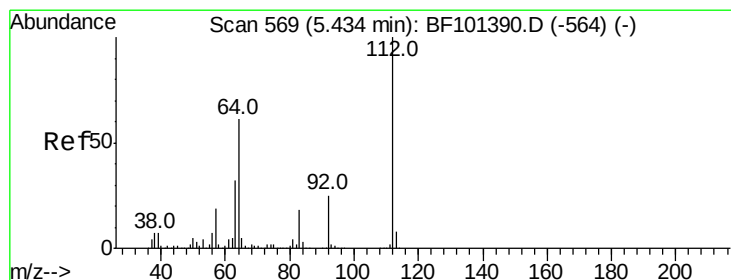
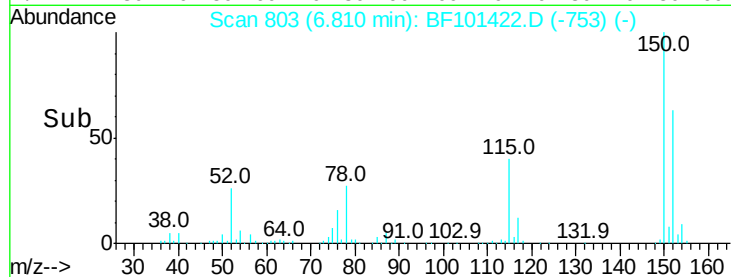
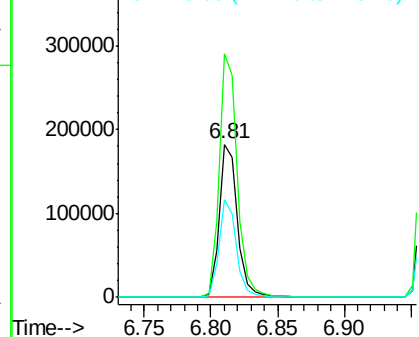
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF101422.D
Acq: 15 Dec 2017 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 176005
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 63.8 50.1 75.1



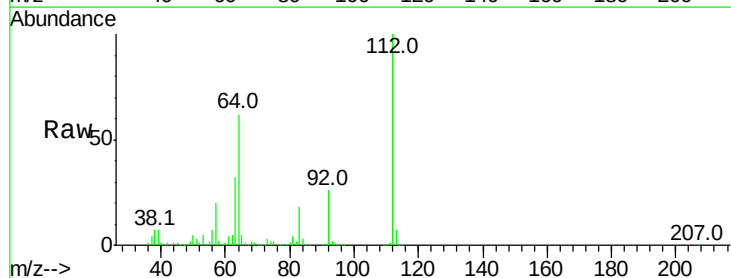
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



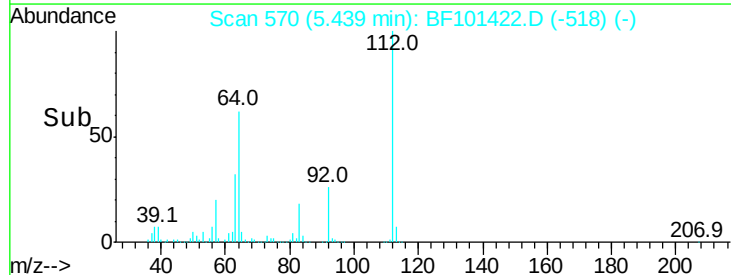
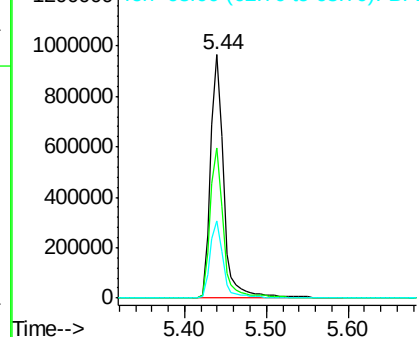
#5

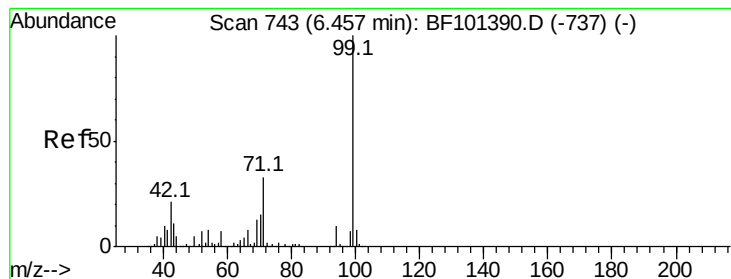
2-Fluorophenol
Concen: 92.270 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF101422.D
Acq: 15 Dec 2017 4:17

Tgt Ion:112 Resp: 1090234
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 31.8 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: 91.154 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

Instrument :

BNA_F

ClientSampled :

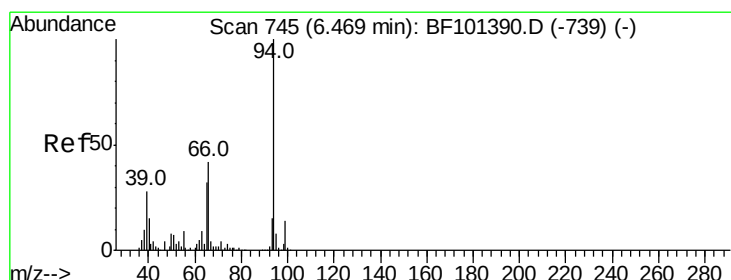
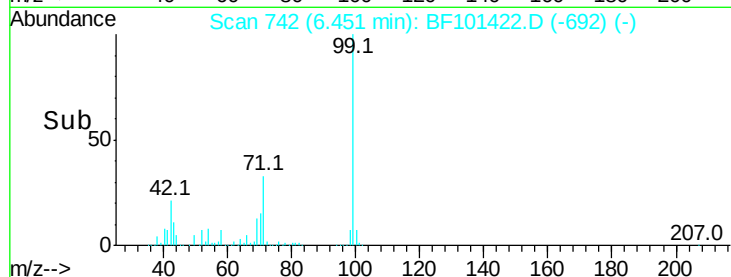
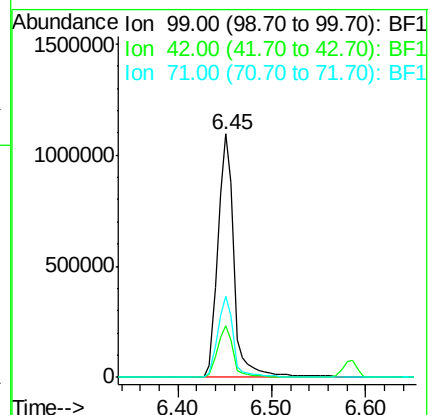
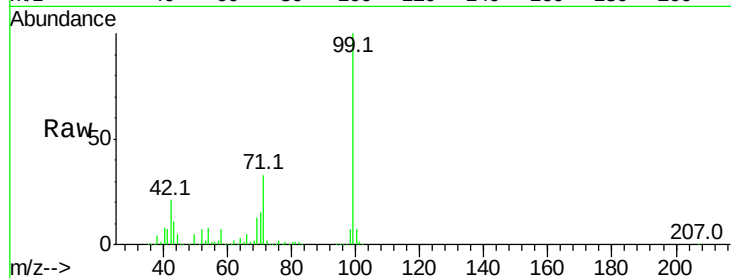
Tot Ion: 99 Resp: 1340431

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

71 33.4 25.4 38.0



#10

Phenol

Concen: 4.121 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

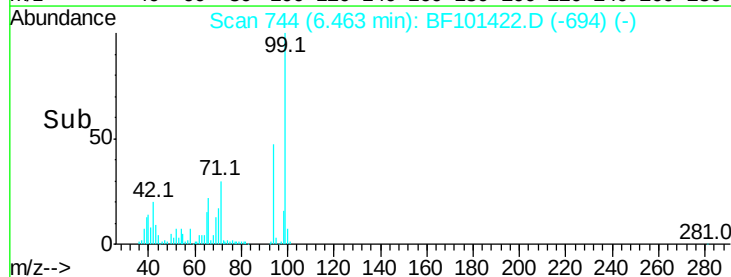
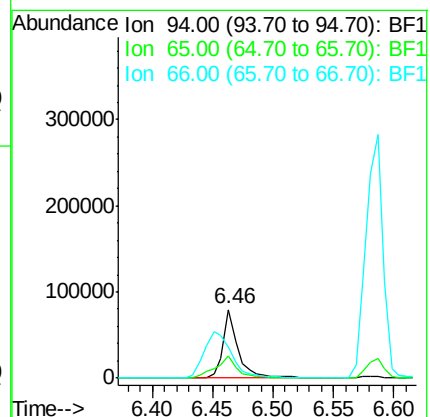
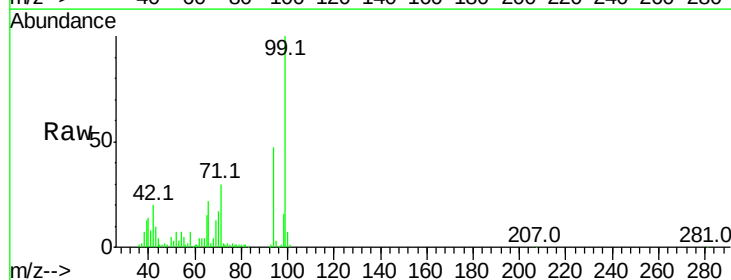
Tgt Ion: 94 Resp: 69077

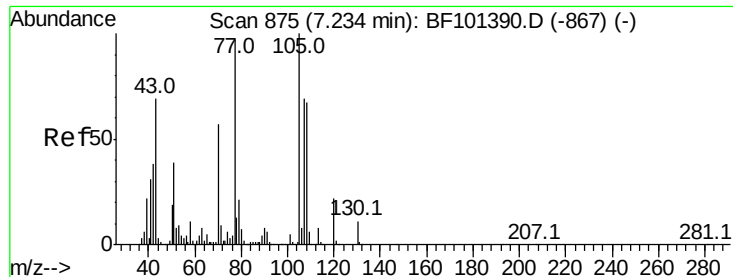
Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

66 46.1 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 12.170 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

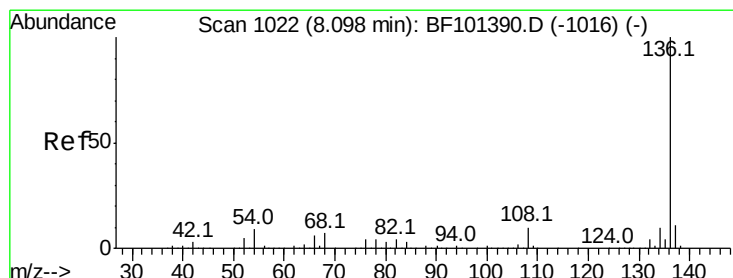
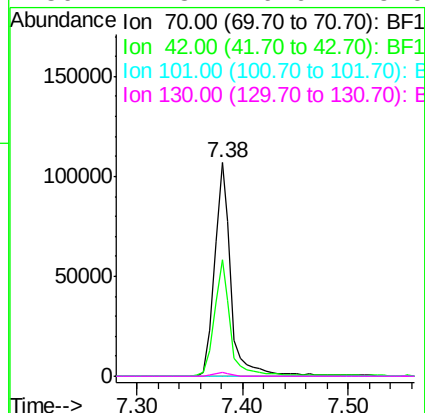
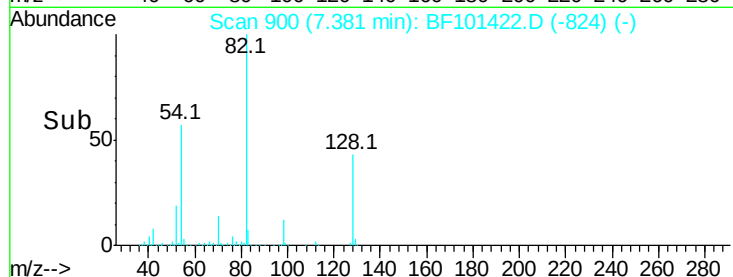
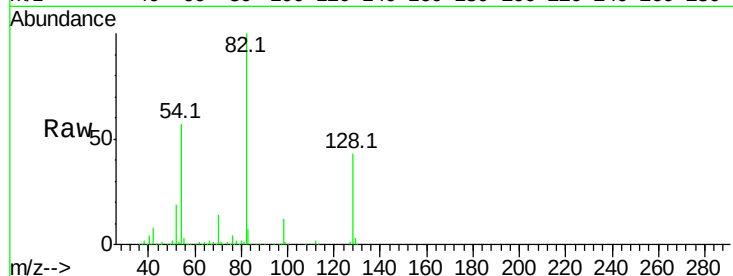
Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 117531

Ion	Ratio	Lower	Upper
70	100		
42	54.7	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

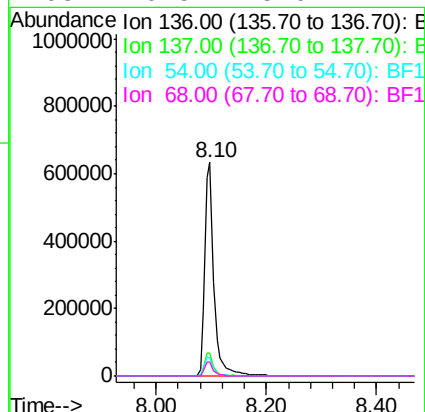
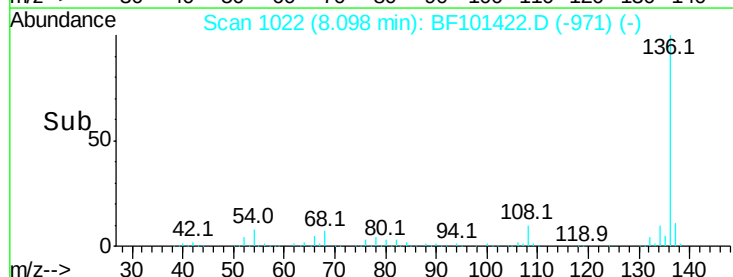
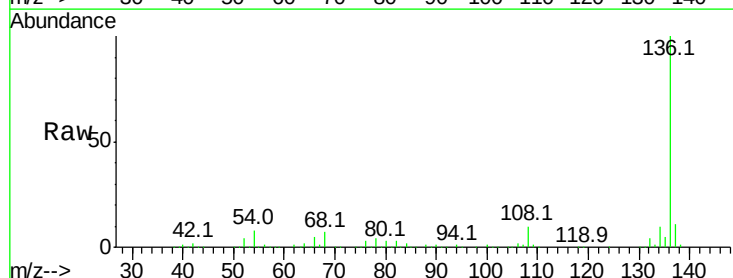
Delta R.T. -0.00 min

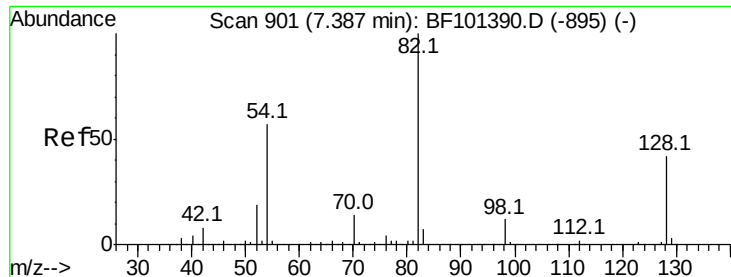
Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

Tgt Ion: 136 Resp: 721968

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.2	6.6	9.8
68	6.5	5.0	7.4

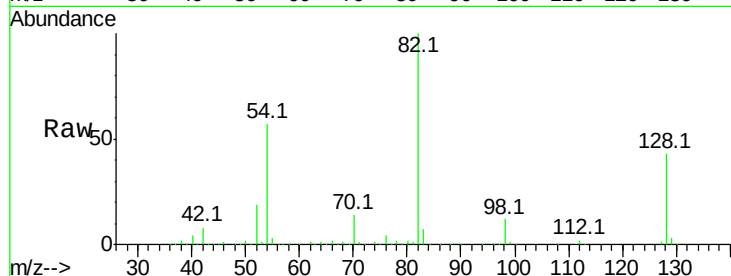




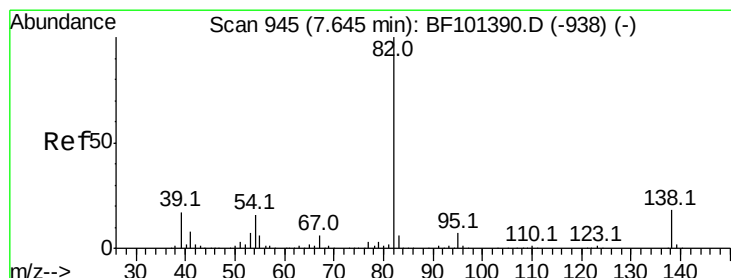
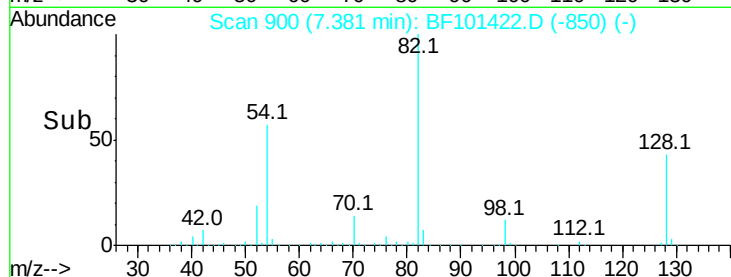
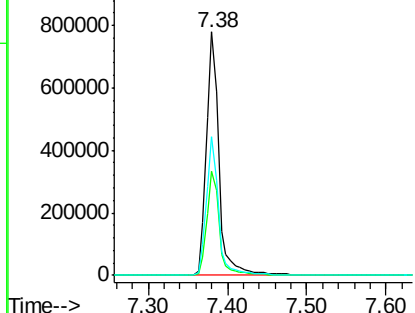
#23
 Nitrobenzene-d5
 Concen: 67.362 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF101422.D
 Acq: 15 Dec 2017 4:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	56.9	41.4	62.2

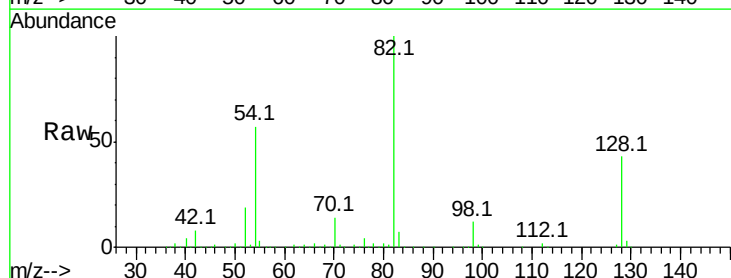


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

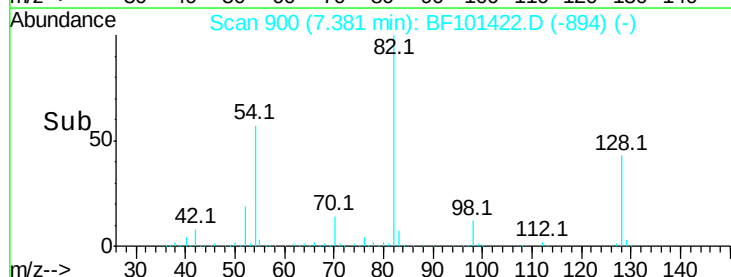
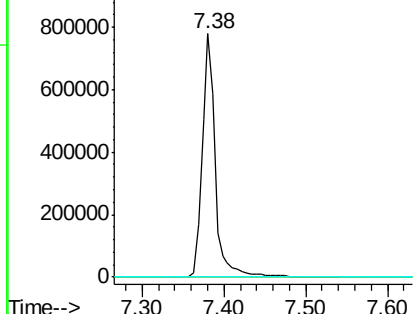


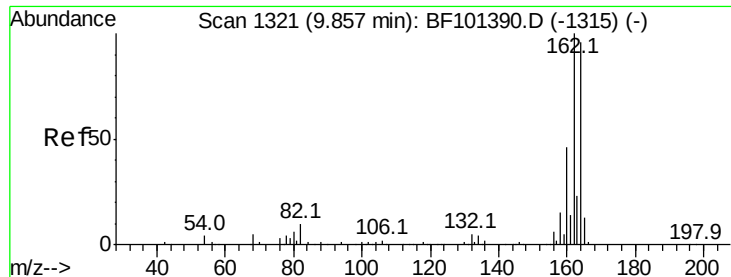
#25
 Isophorone
 Concen: 33.579 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF101422.D
 Acq: 15 Dec 2017 4:17

Tgt 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: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

Instrument :

BNA_F

ClientSampleId :

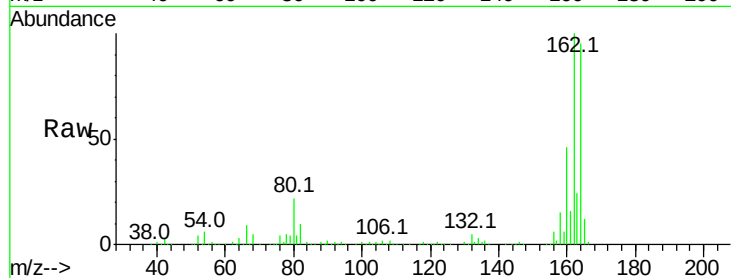
Tot Ion:164 Resp: 323724

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

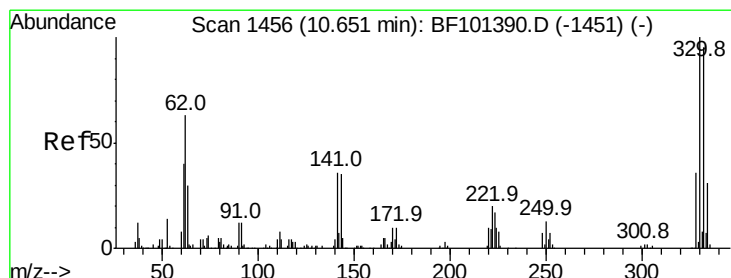
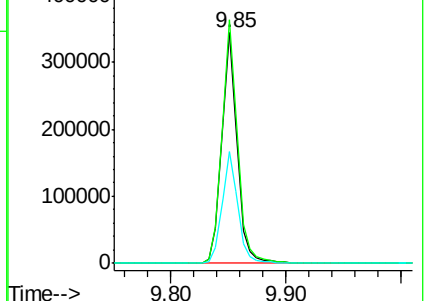
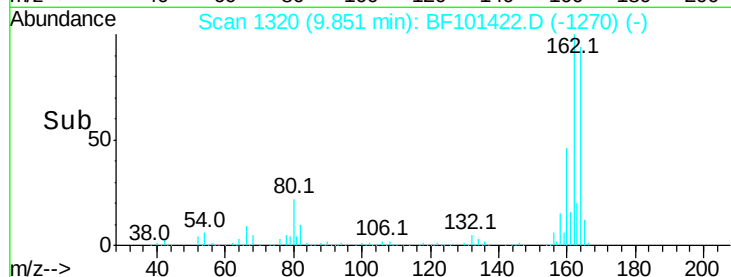
160 48.8 38.3 57.5



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: 98.667 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

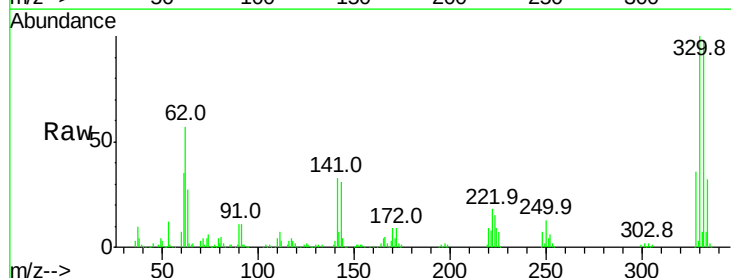
Tgt Ion:330 Resp: 307774

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

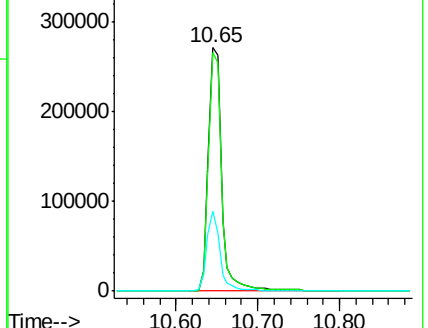
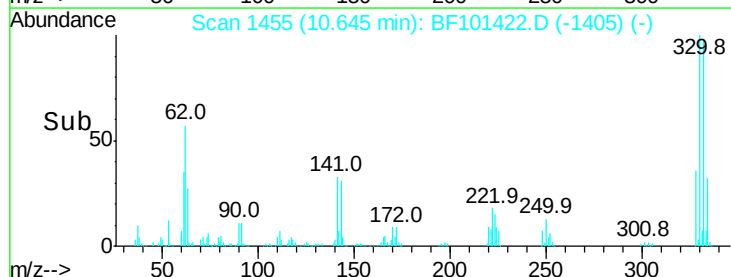
141 33.0 29.9 44.9

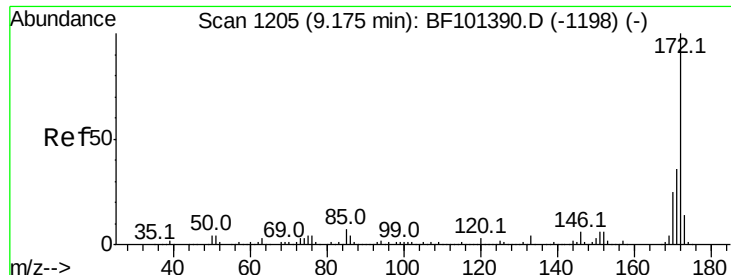


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



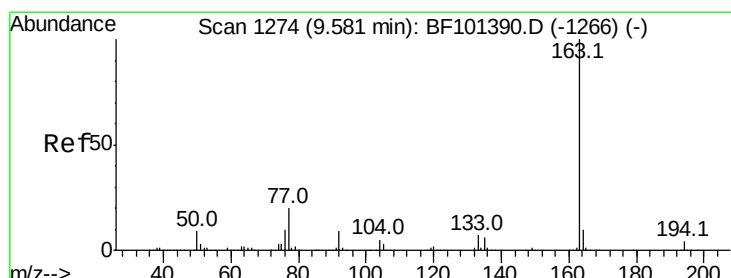
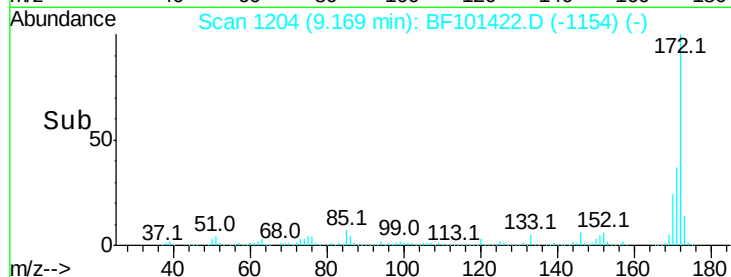
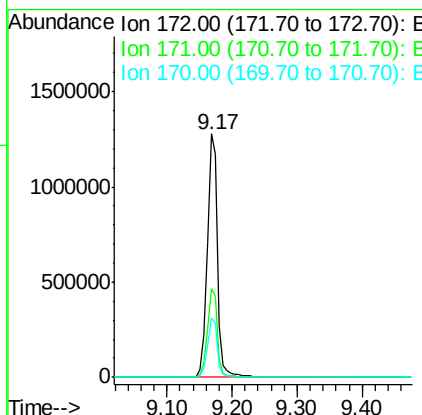
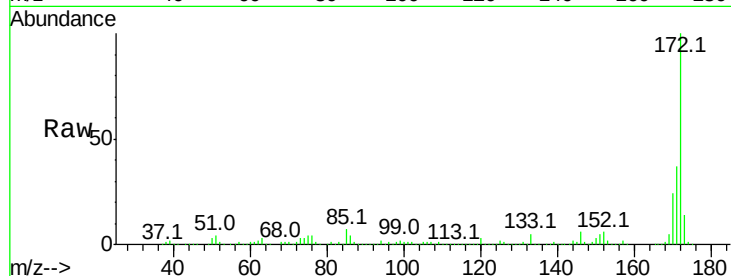


#44
 2-Fluorobiphenyl
 Concen: 66.240 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF101422.D
 Acq: 15 Dec 2017 4:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1382334

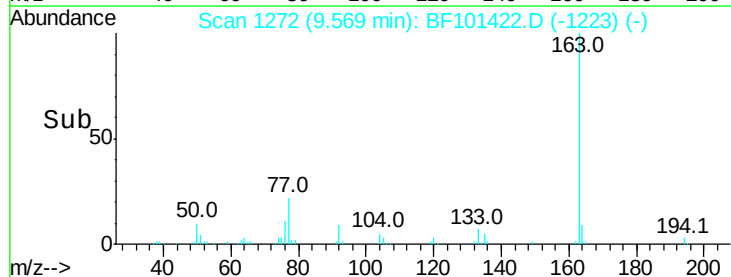
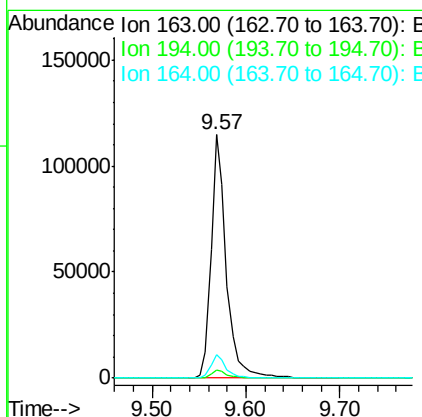
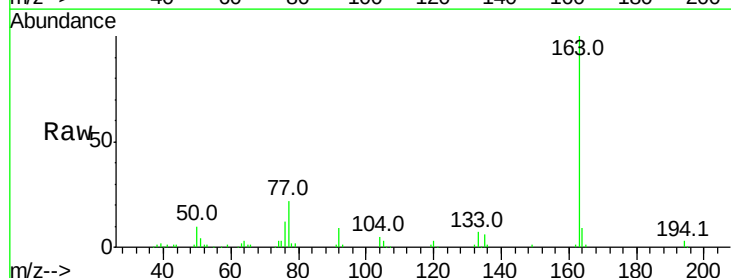
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

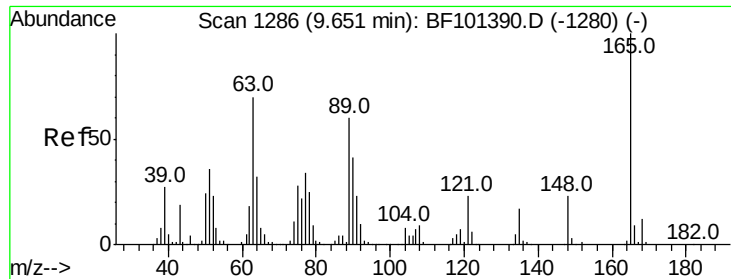


#49
 Dimethylphthalate
 Concen: 5.049 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF101422.D
 Acq: 15 Dec 2017 4:17

Tgt Ion:163 Resp: 131480

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.4	8.2	12.2

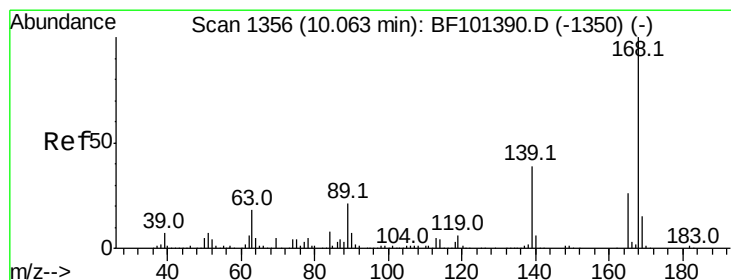
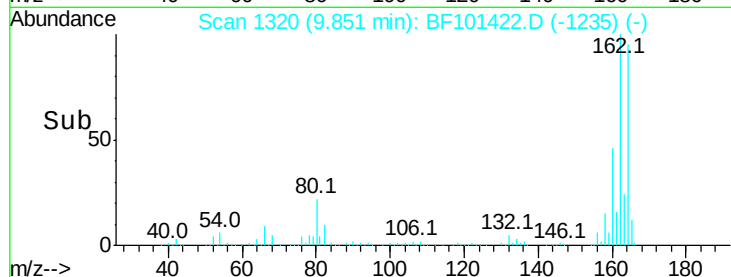
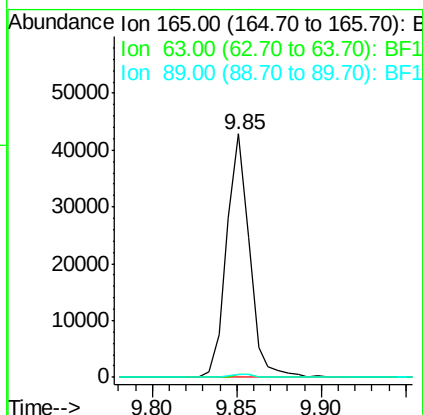
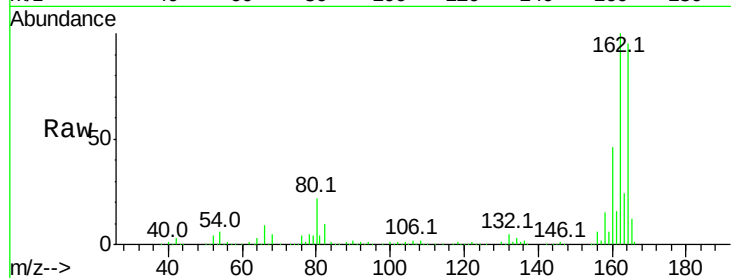




#50
2,6-Dinitrotoluene
Concen: 7.613 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.20 min
Lab File: BF101422.D
Acq: 15 Dec 2017 4:17

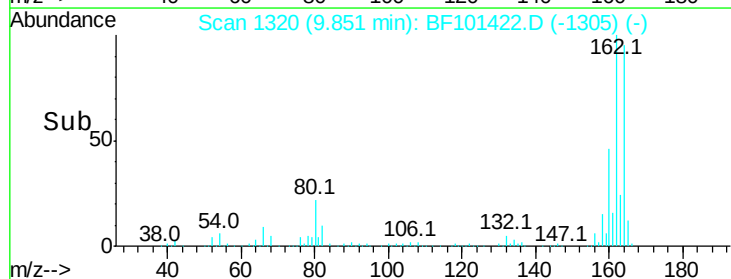
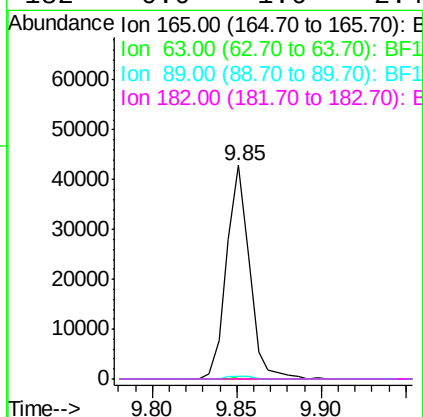
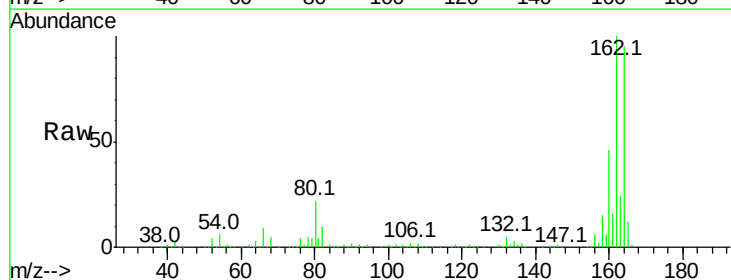
Instrument :
BNA_F
ClientSampleId :

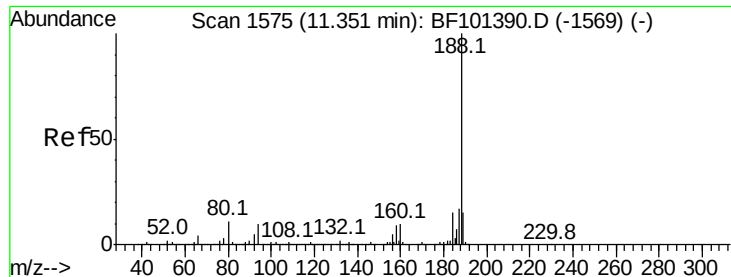
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.757 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.21 min
Lab File: BF101422.D
Acq: 15 Dec 2017 4:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

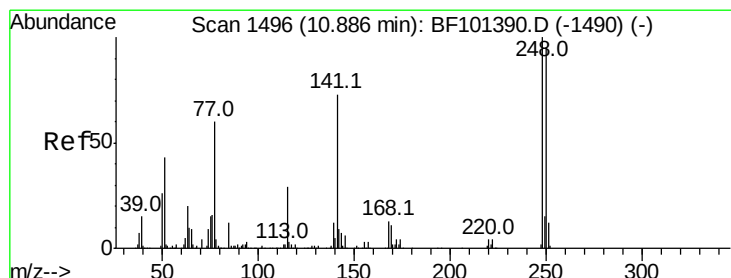
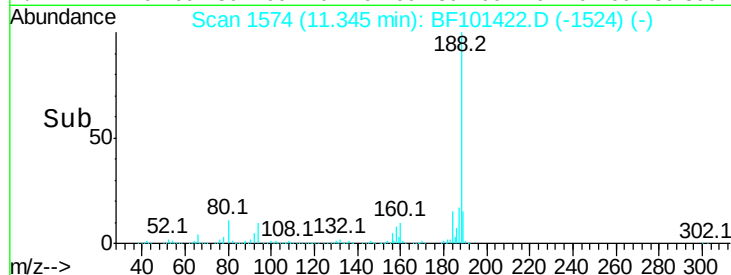
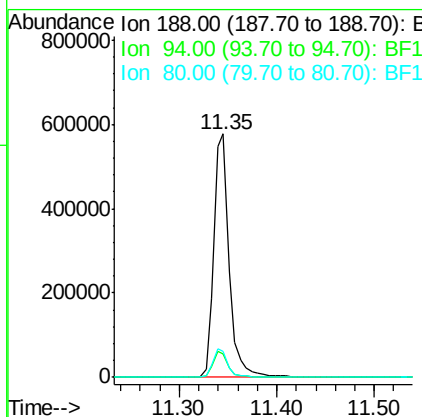
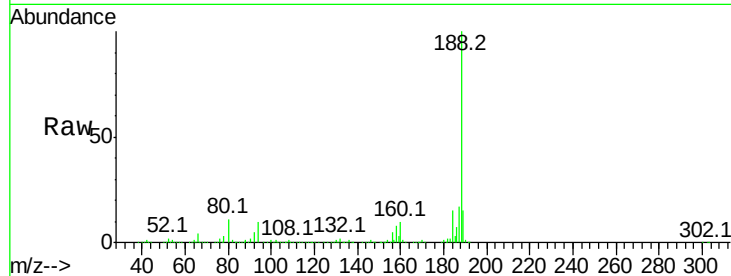




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101422.D
Acq: 15 Dec 2017 4:17

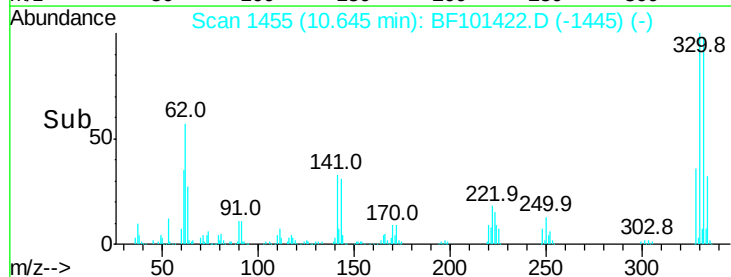
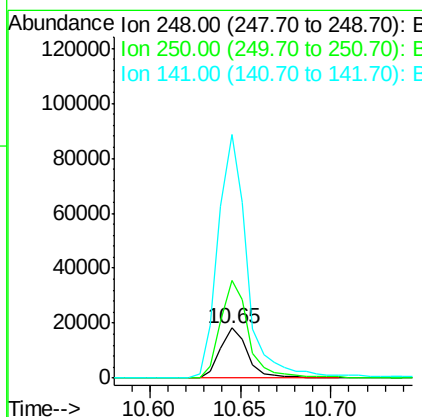
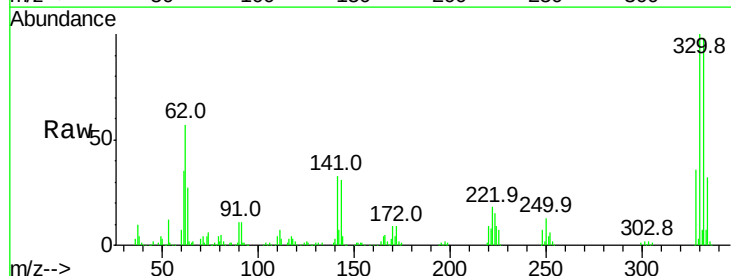
Instrument :
BNA_F
ClientSampleId :

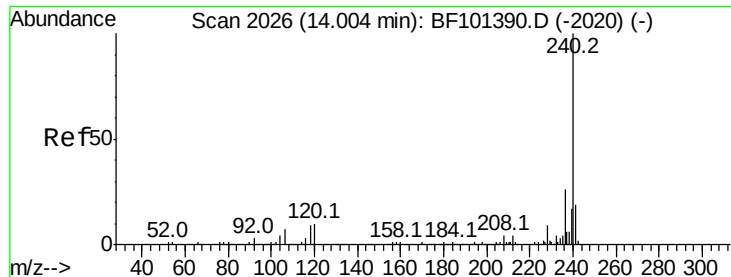
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.7	9.2	13.8



#66
4-Bromophenyl-phenylether
Concen: 2.767 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF101422.D
Acq: 15 Dec 2017 4:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.8	76.9	115.3#
141	484.5	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

Instrument :

BNA_F

ClientSampled :

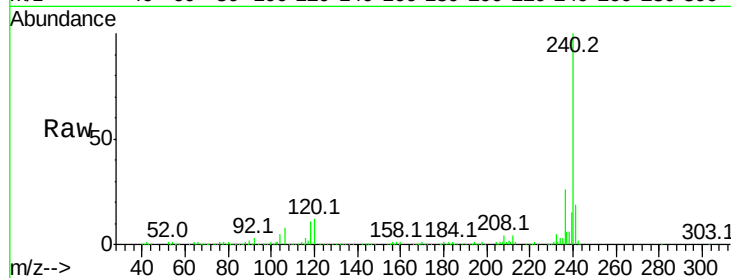
Tot Ion:240 Resp: 433900

Ion Ratio Lower Upper

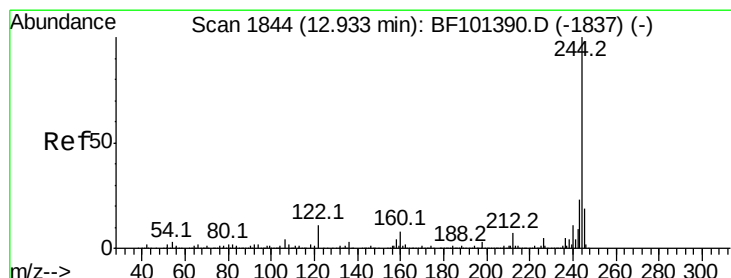
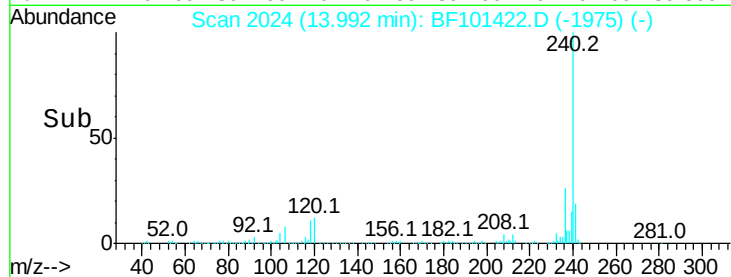
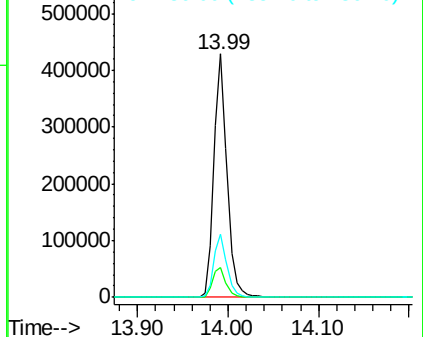
240 100

120 12.2 9.5 14.3

236 25.7 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: 69.099 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF101422.D

Acq: 15 Dec 2017 4:17

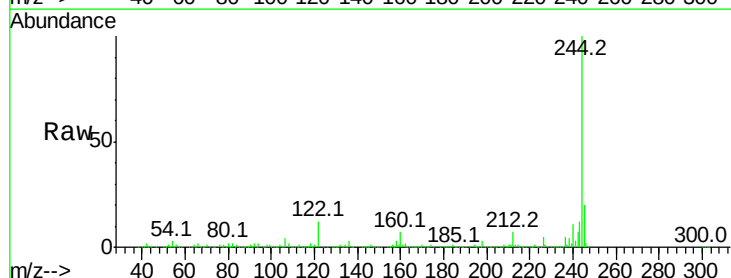
Tgt Ion:244 Resp: 1243663

Ion Ratio Lower Upper

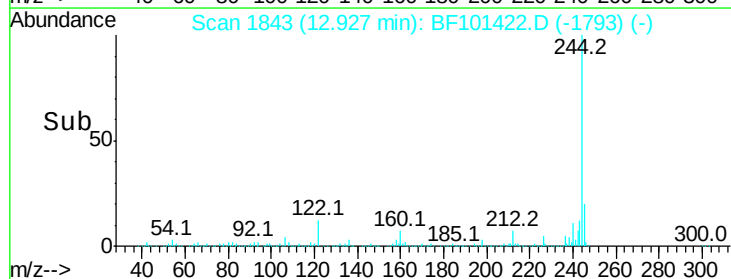
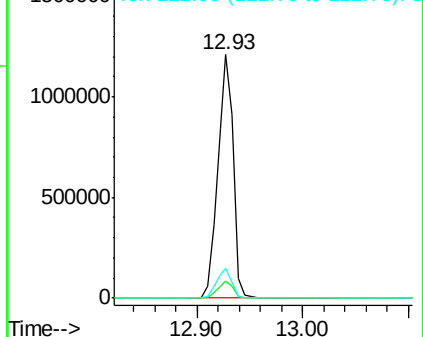
244 100

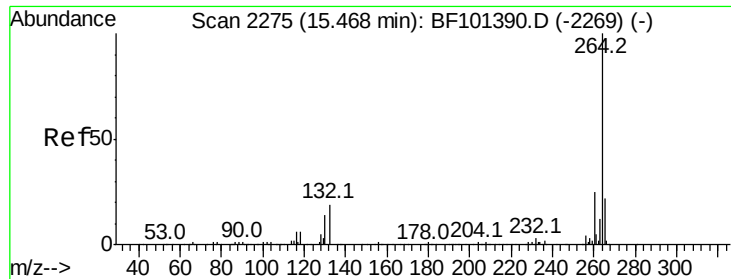
212 7.2 5.4 8.0

122 12.1 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

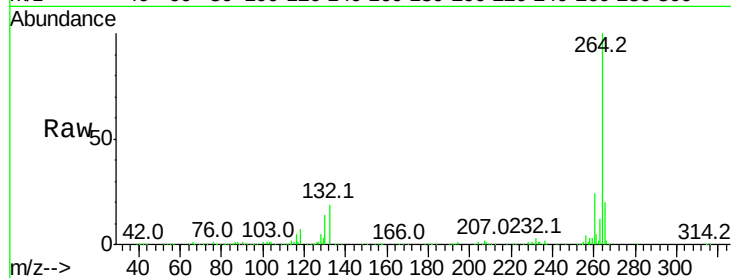




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101422.D
Acq: 15 Dec 2017 4:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.5	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

