

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101416.D
 Acq On : 15 Dec 2017 1:37
 Operator : SJ/JU
 Sample : I6828-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 02:15:44 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

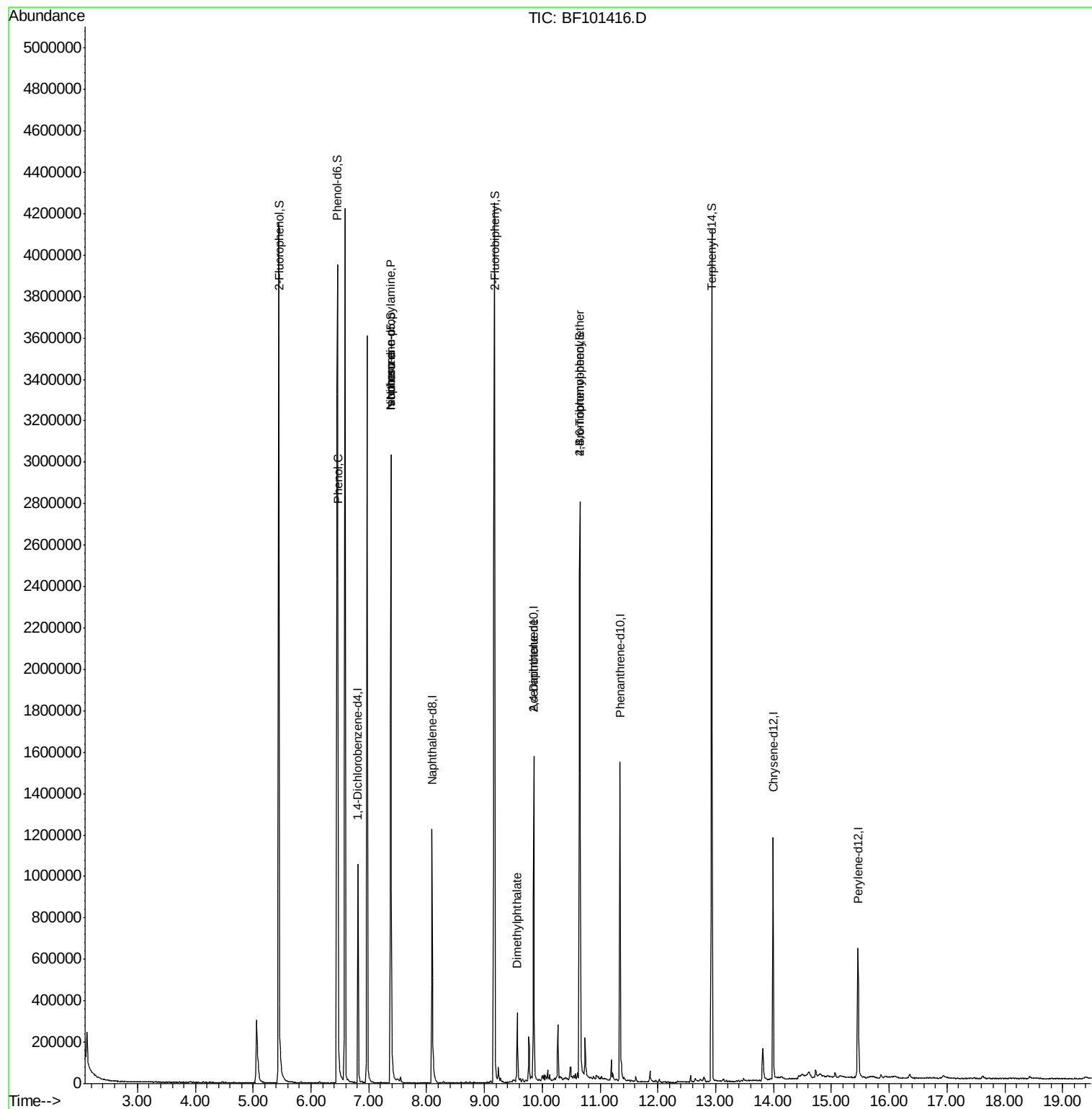
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170967	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	694580	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	313145	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	595704	20.00	ng	0.00
75) Chrysene-d12	13.99	240	411878	20.00	ng	-0.01
86) Perylene-d12	15.46	264	326525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1436199	125.13	ng	0.01
7) Phenol-d6	6.46	99	1787548	125.14	ng	0.00
23) Nitrobenzene-d5	7.39	82	1194666	95.74	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	430605	142.71	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1672617	82.86	ng	0.00
78) Terphenyl-d14	12.93	244	1636169	95.77	ng	0.00
Target Compounds						
10) Phenol	6.47	94	69436	4.265	ng	97
19) n-Nitroso-di-n-propylamine	7.39	70	161051	17.168	ng	# 83
25) Isophorone	7.39	82	1182787	47.253	ng	# 64
49) Dimethylphthalate	9.57	163	146671	5.823	ng	99
56) 2,4-Dinitrotoluene	9.85	165	39957	6.928	ng	# 23
66) 4-Bromophenyl-phenylether	10.65	248	26120	3.902	ng	# 1

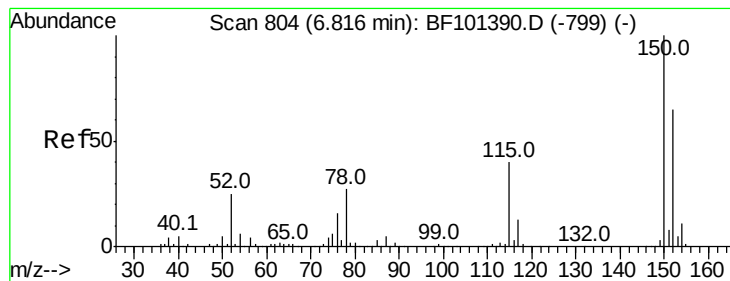
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101416.D
Acq On : 15 Dec 2017 1:37
Operator : SJ/JU
Sample : I6828-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 15 02:15:44 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



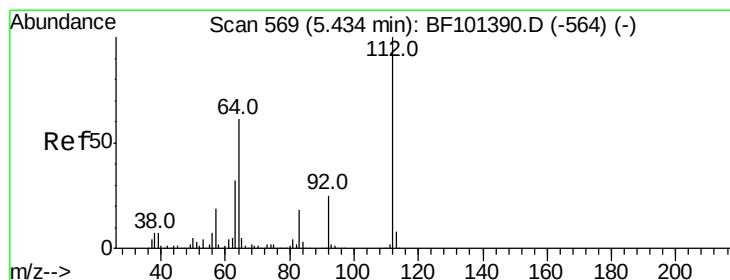
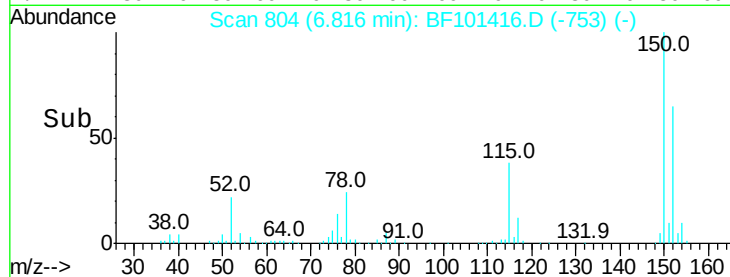
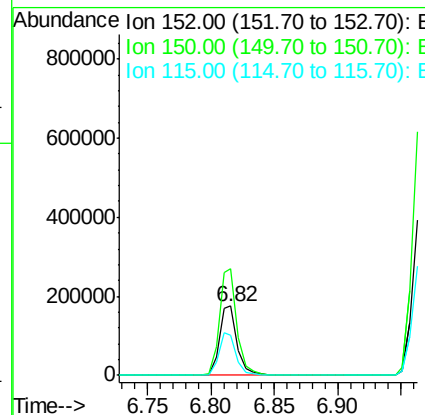
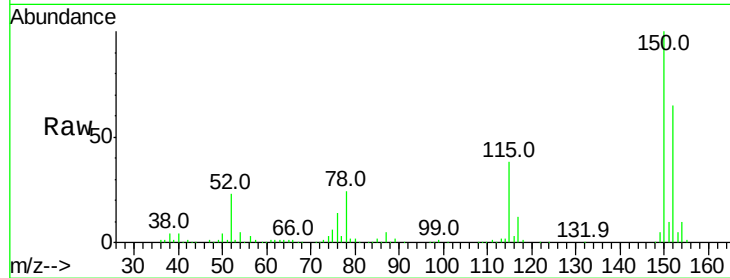


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101416.D
Acq: 15 Dec 2017 1:37

Instrument :
BNA_F
ClientSampleId :

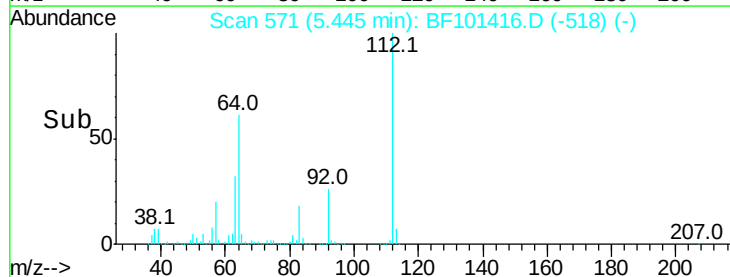
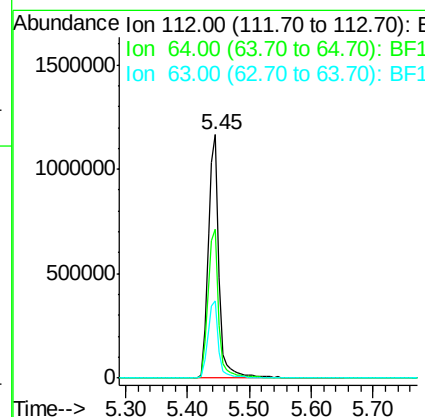
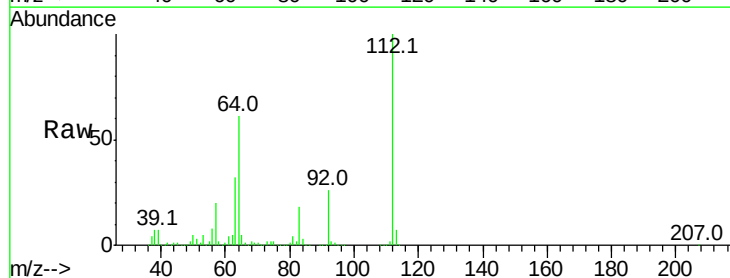
Tot Ion:152 Resp: 170967
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 58.3 50.1 75.1

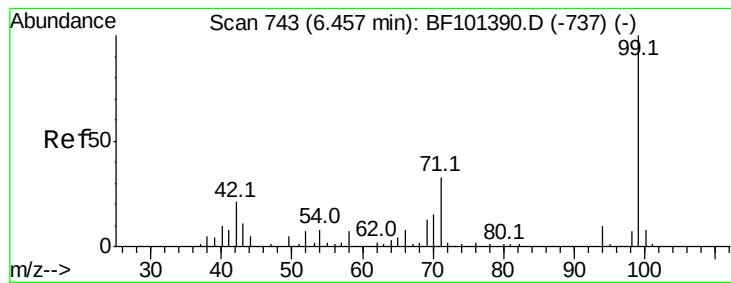


#5

2-Fluorophenol
Concen: 125.131 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101416.D
Acq: 15 Dec 2017 1:37

Tgt Ion:112 Resp: 1436199
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 125.141 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF101416.D

Acq: 15 Dec 2017 1:37

Instrument :

BNA_F

ClientSampleId :

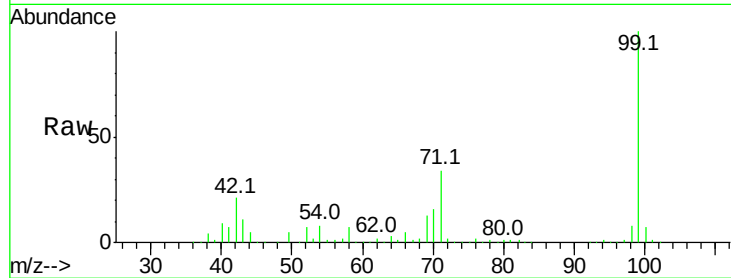
Tot Ion: 99 Resp: 1787548

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.5	21.7
71	34.5	25.4	38.0

99 100

42 21.5 14.5 21.7

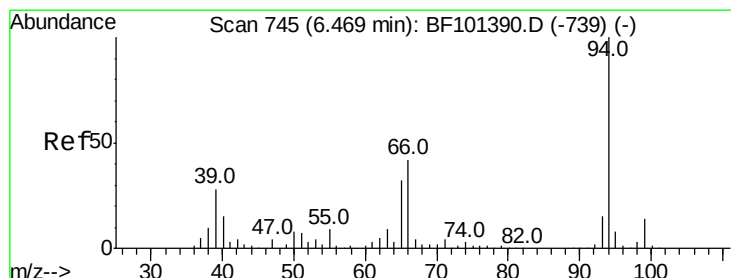
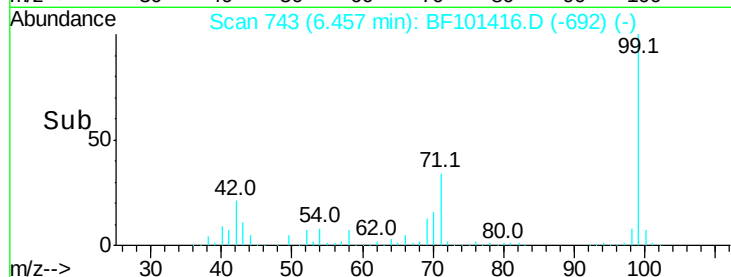
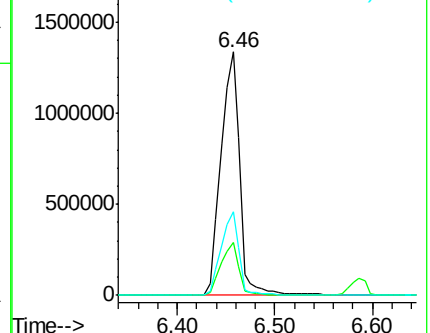
71 34.5 25.4 38.0



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: 4.265 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF101416.D

Acq: 15 Dec 2017 1:37

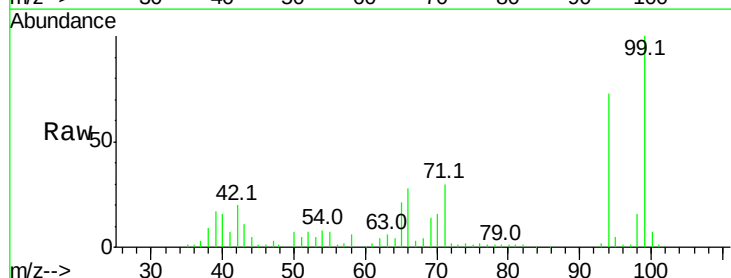
Tgt Ion: 94 Resp: 69436

Ion	Ratio	Lower	Upper
94	100		
65	29.0	7.9	47.9
66	38.9	16.2	56.2

94 100

65 29.0 7.9 47.9

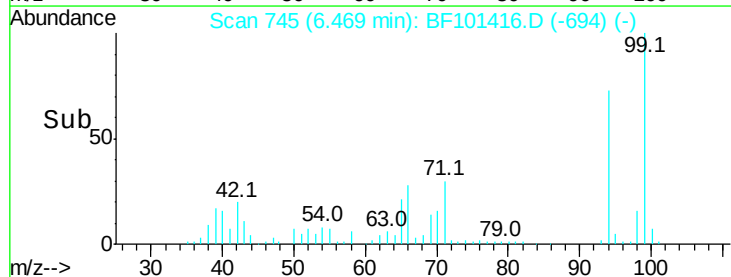
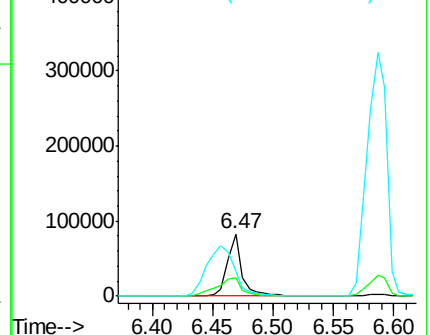
66 38.9 16.2 56.2

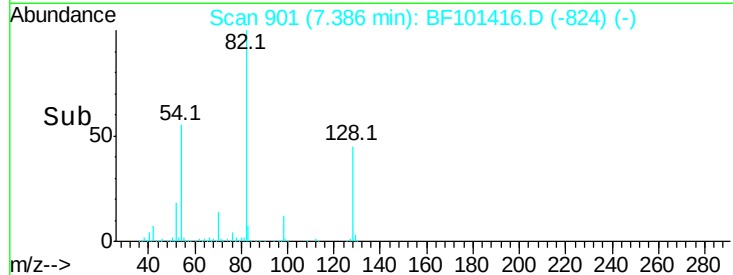
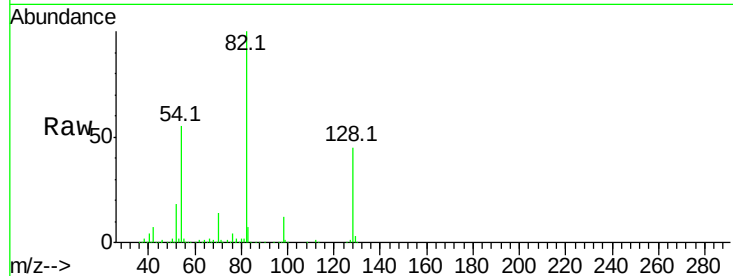
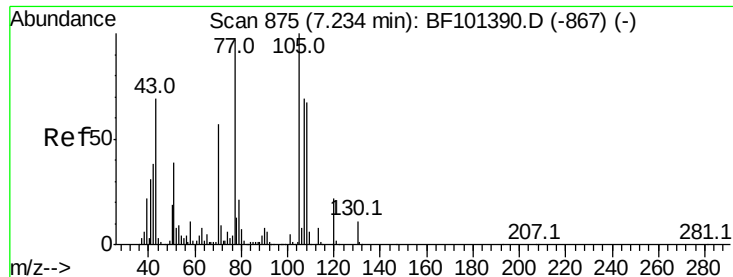


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 17.168 ng

RT: 7.39 min Scan# 901

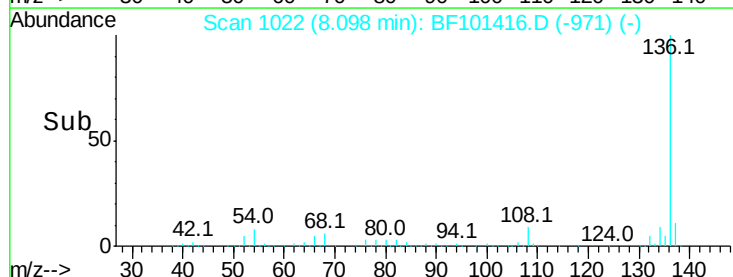
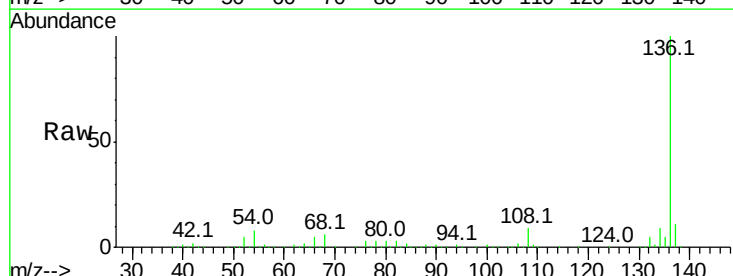
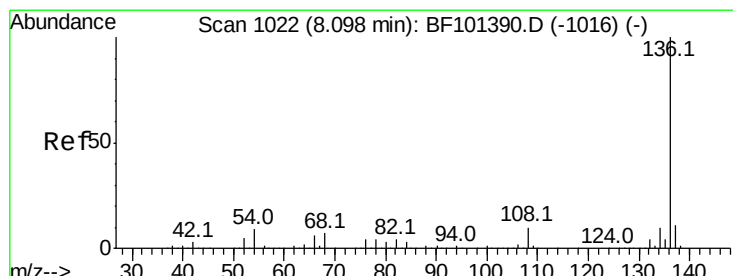
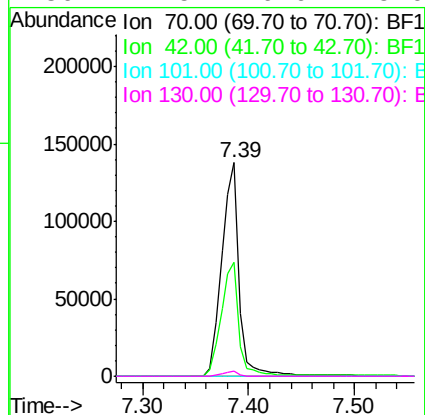
Delta R.T. 0.15 min

Lab File: BF101416.D

Acq: 15 Dec 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	161051
Ion	Ratio	Lower	Upper
70	100		
42	53.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

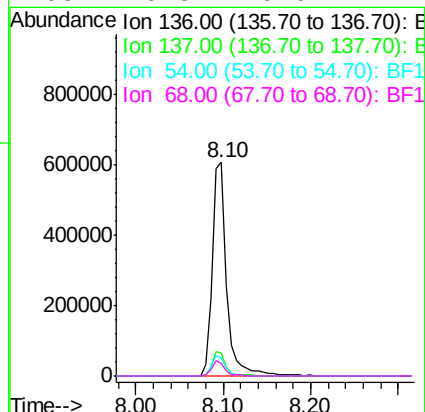
RT: 8.10 min Scan# 1022

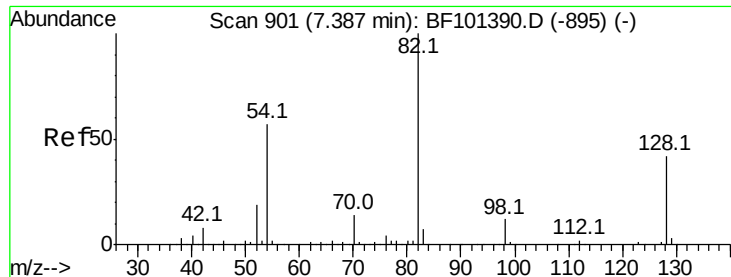
Delta R.T. -0.00 min

Lab File: BF101416.D

Acq: 15 Dec 2017 1:37

Tgt Ion:	136	Resp:	694580
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.2	6.6	9.8
68	6.3	5.0	7.4

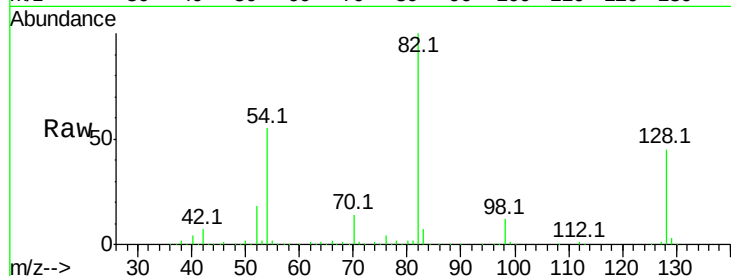




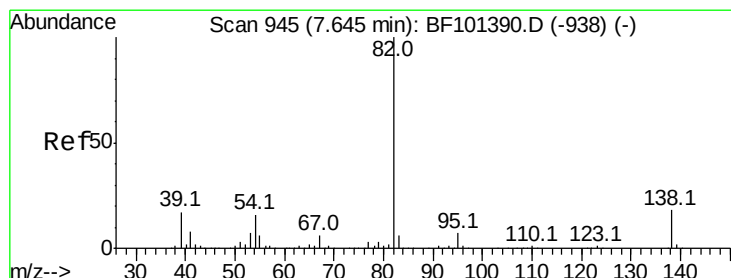
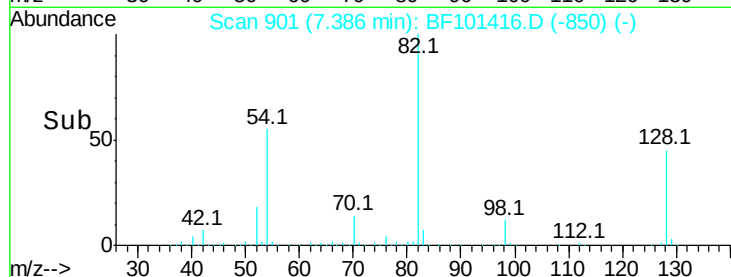
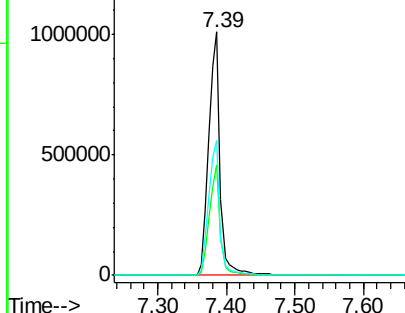
#23
Nitrobenzene-d5
Concen: 95.744 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF101416.D
Acq: 15 Dec 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1194666
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 55.5 41.4 62.2

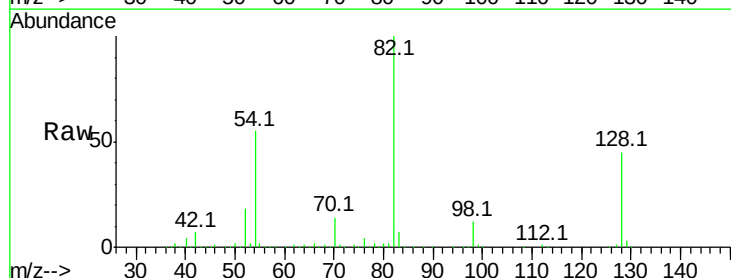


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

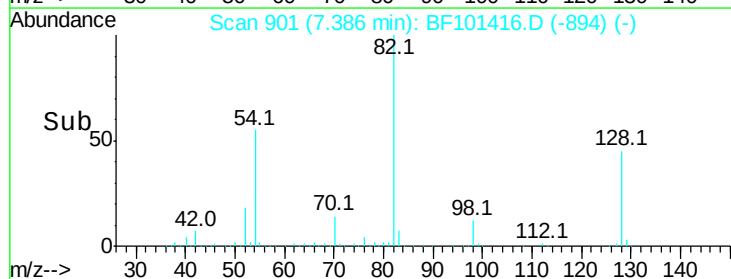
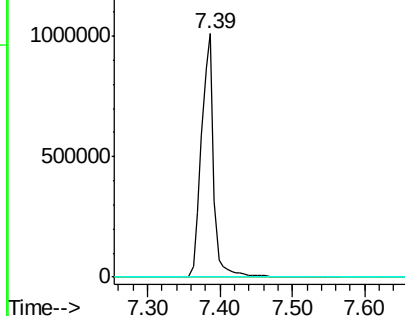


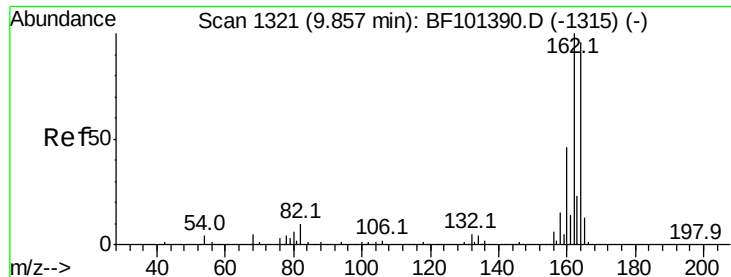
#25
Isophorone
Concen: 47.253 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF101416.D
Acq: 15 Dec 2017 1:37

Tgt Ion: 82 Resp: 1182787
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: BF101416.D

Acq: 15 Dec 2017 1:37

Instrument :

BNA_F

ClientSampleId :

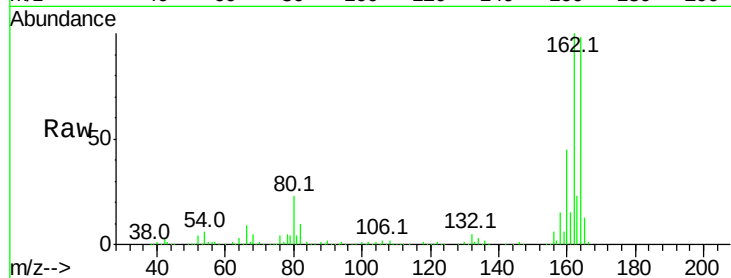
Tot Ion:164 Resp: 313145

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

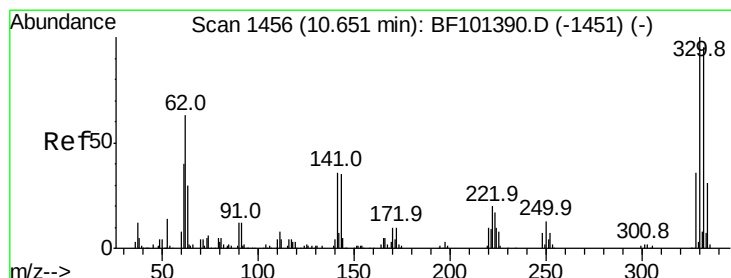
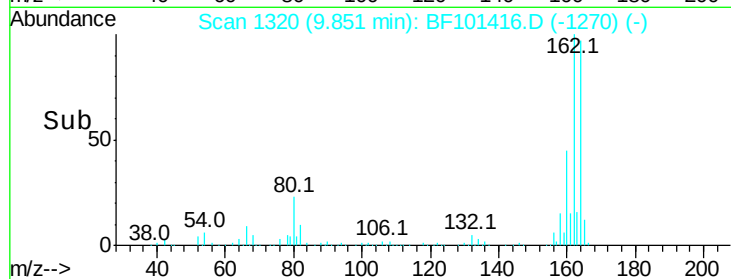
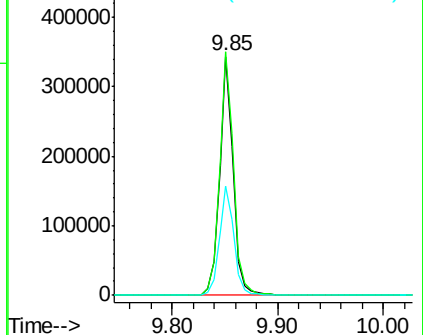
160 45.9 38.3 57.5



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: 142.707 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BF101416.D

Acq: 15 Dec 2017 1:37

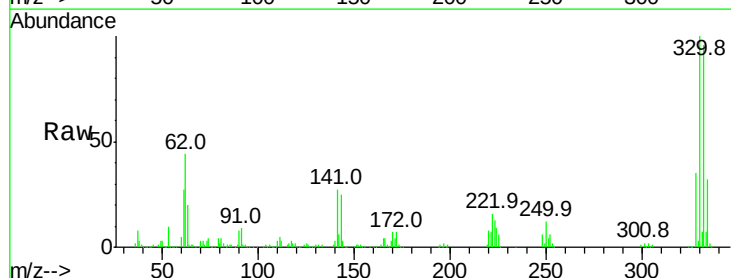
Tgt Ion:330 Resp: 430605

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

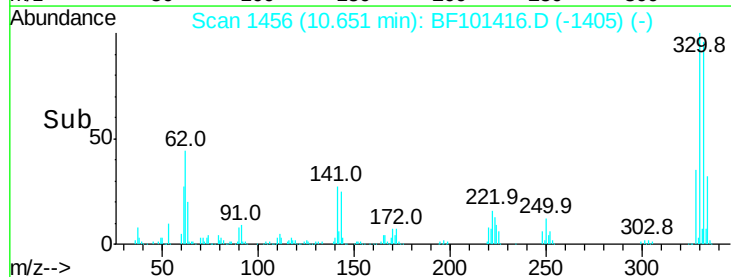
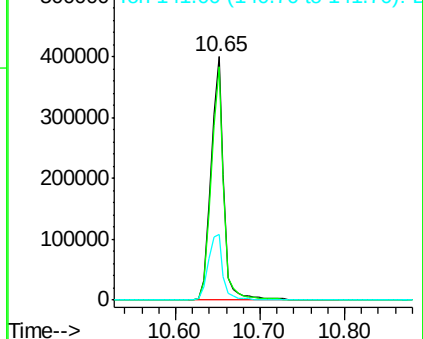
141 31.0 29.9 44.9

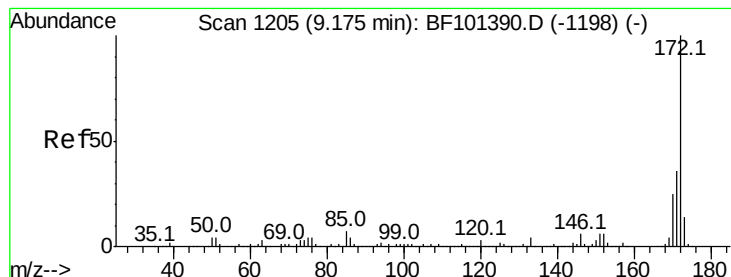


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 82.857 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF101416.D

Acq: 15 Dec 2017 1:37

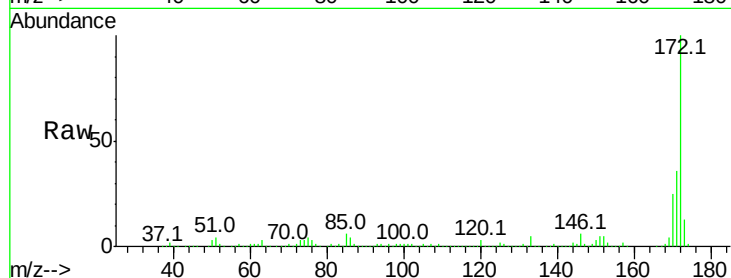
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1672617

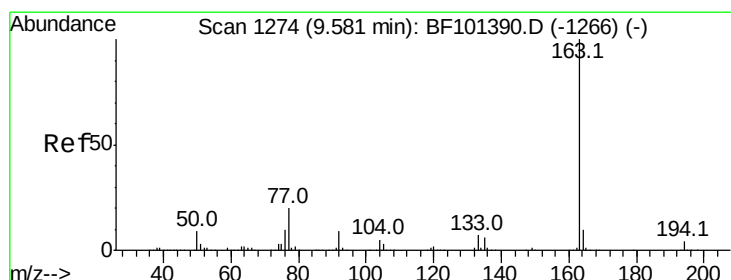
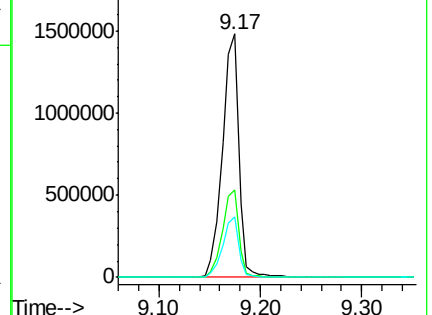
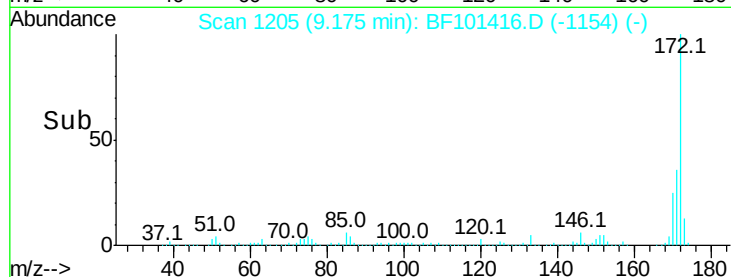
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.7	19.6	29.4



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



#49

Dimethylphthalate

Concen: 5.823 ng

RT: 9.57 min Scan# 1272

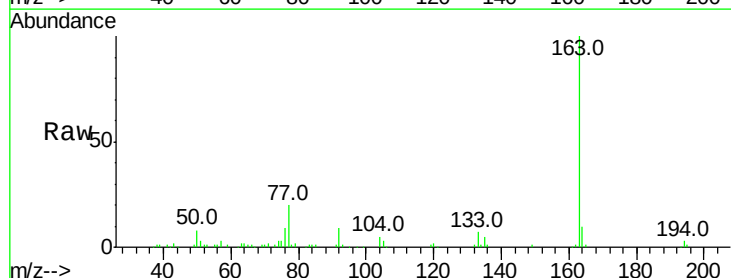
Delta R.T. -0.01 min

Lab File: BF101416.D

Acq: 15 Dec 2017 1:37

Tgt Ion:163 Resp: 146671

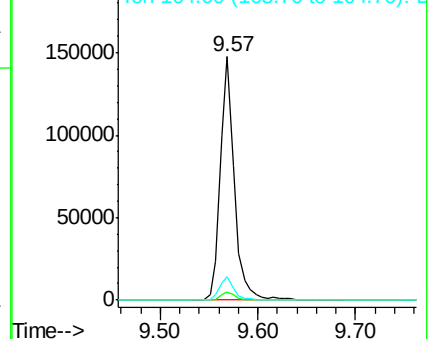
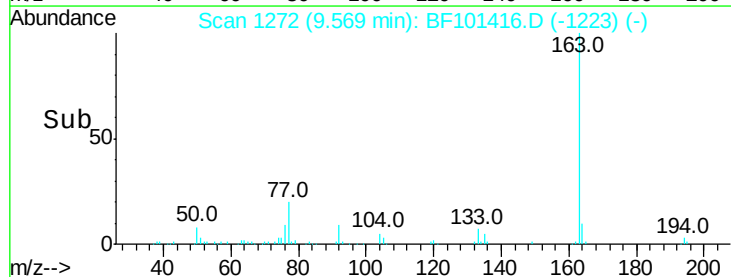
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2

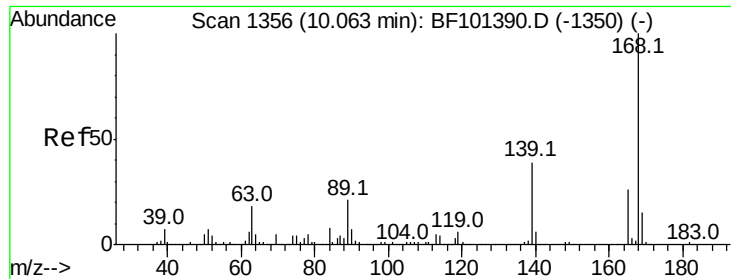


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

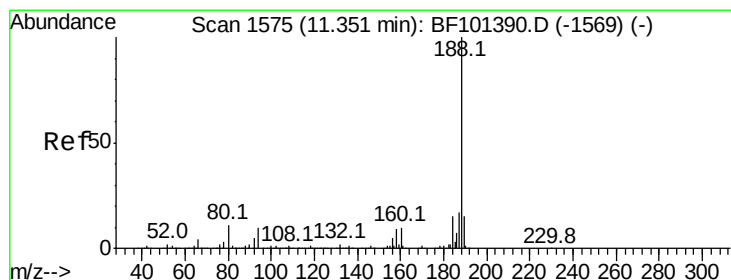
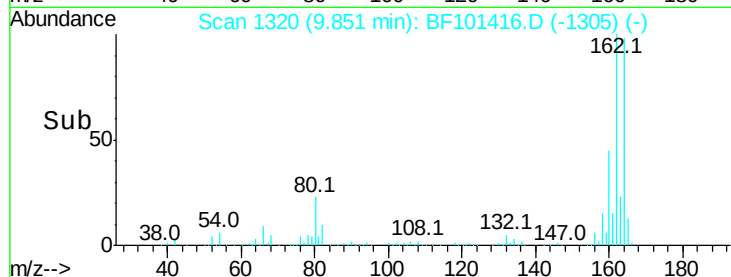
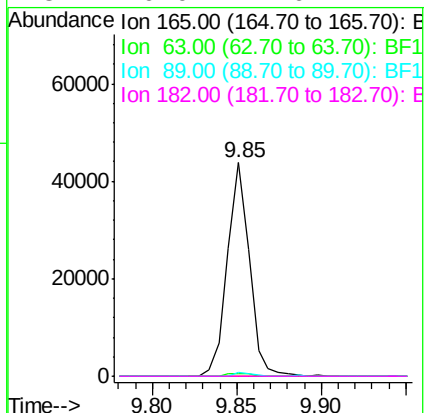
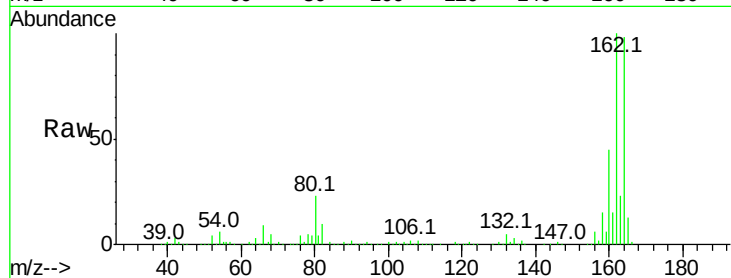




#56
 2,4-Dinitrotoluene
 Concen: 6.928 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.21 min
 Lab File: BF101416.D
 Acq: 15 Dec 2017 1:37

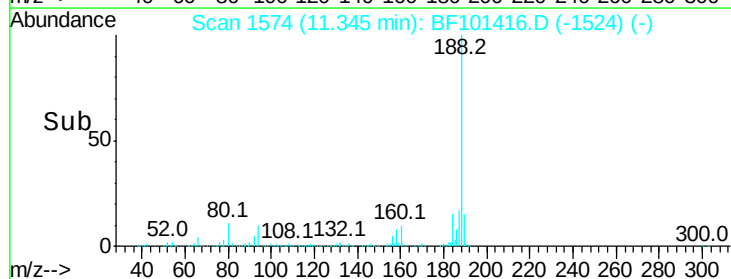
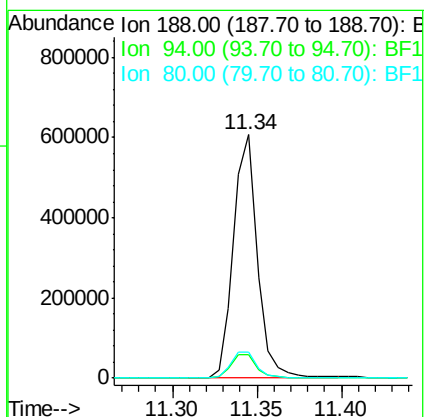
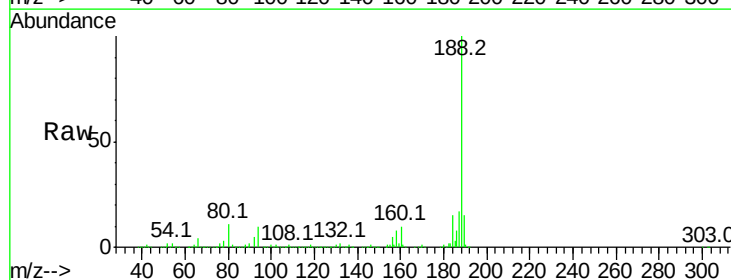
Instrument :
 BNA_F
 ClientSampleId :

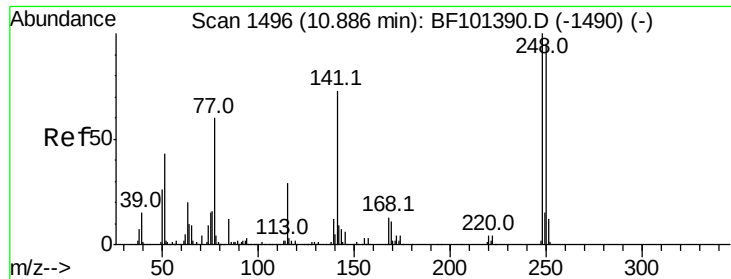
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF101416.D
 Acq: 15 Dec 2017 1:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.5	9.2	13.8

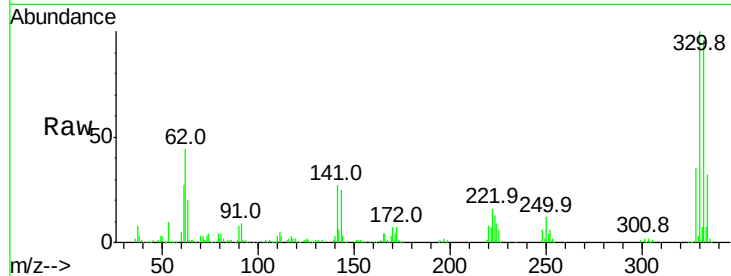




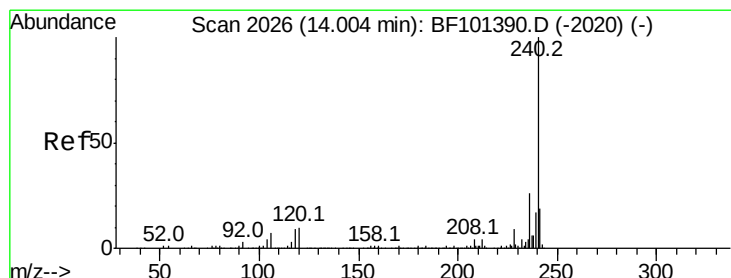
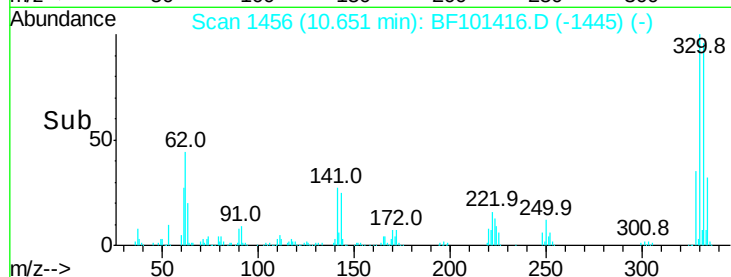
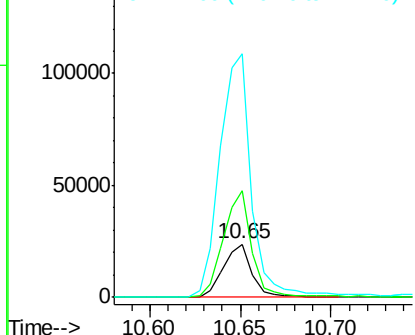
#66
4-Bromophenyl-phenylether
Concen: 3.902 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF101416.D
Acq: 15 Dec 2017 1:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 26120
Ion Ratio Lower Upper
248 100
250 199.8 76.9 115.3#
141 458.1 74.4 111.6#

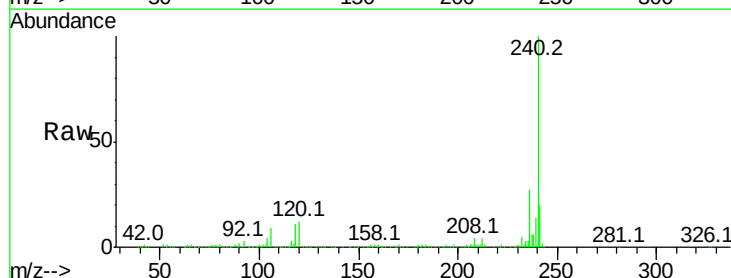


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

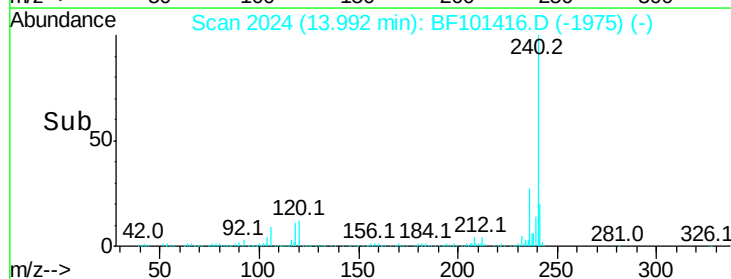
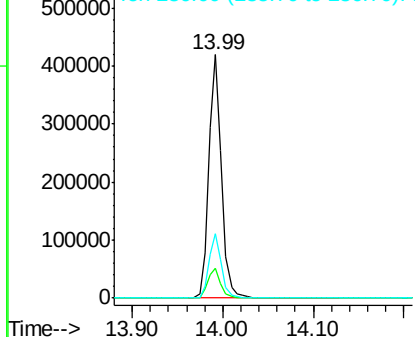


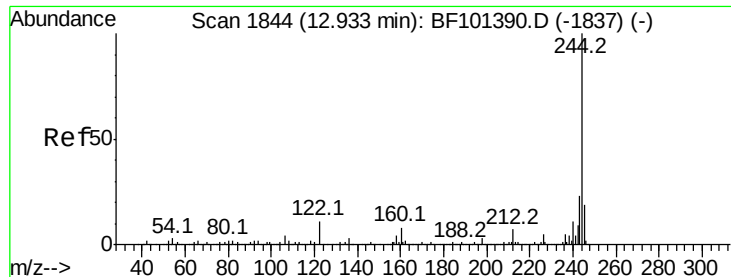
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101416.D
Acq: 15 Dec 2017 1:37

Tgt Ion:240 Resp: 411878
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 26.5 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: 95.767 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF101416.D

Acq: 15 Dec 2017 1:37

Instrument :

BNA_F

ClientSampleId :

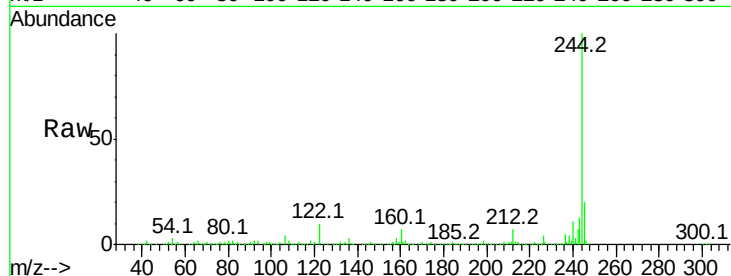
Tot Ion:244 Resp: 1636169

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

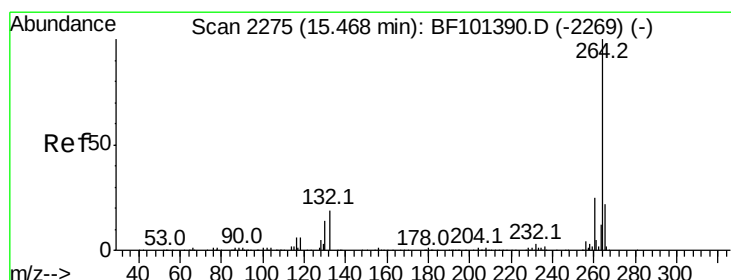
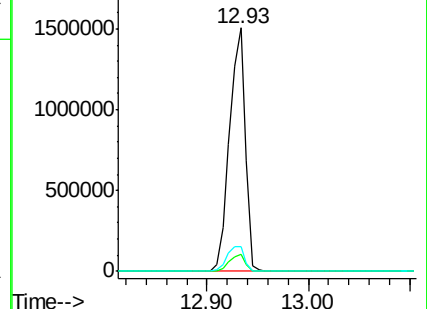
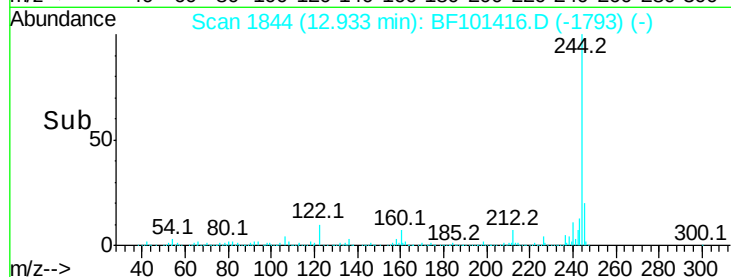
122 10.1 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF101416.D

Acq: 15 Dec 2017 1:37

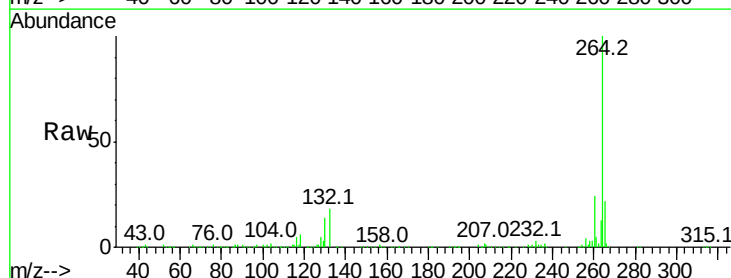
Tgt Ion:264 Resp: 326525

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.8 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

