

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101771.D
 Acq On : 27 Dec 2017 19:15
 Operator : SJ/JU
 Sample : I7069-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:06:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

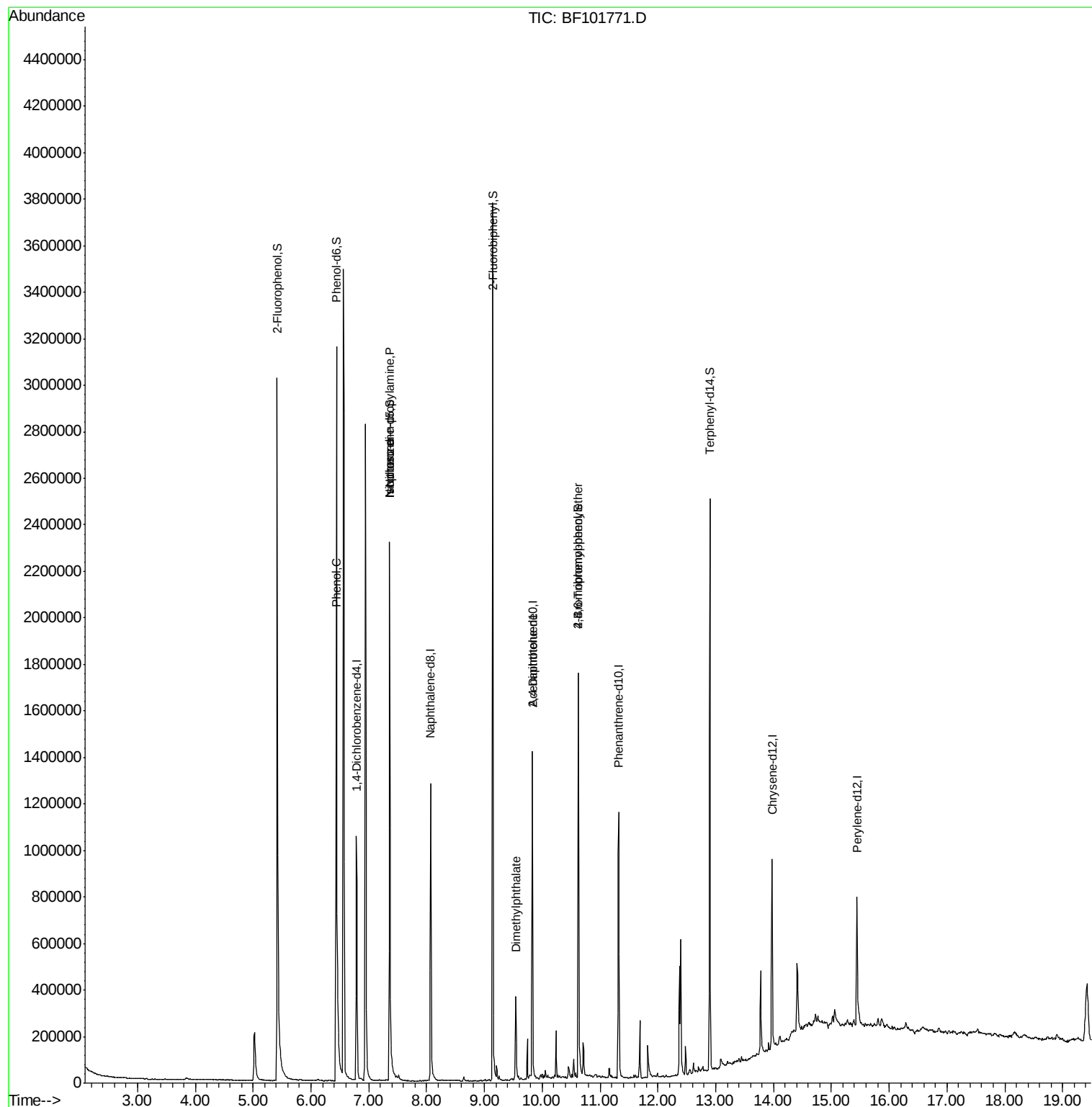
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	172977	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	658128	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	273451	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	445852	20.00	ng	0.00
75) Chrysene-d12	13.97	240	324055	20.00	ng	0.00
86) Perylene-d12	15.44	264	305358	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1144776	98.58	ng	0.01
7) Phenol-d6	6.44	99	1341279	92.81	ng	0.00
23) Nitrobenzene-d5	7.36	82	844077	71.39	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	258555	98.13	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1228015	69.66	ng	0.00
78) Terphenyl-d14	12.90	244	845647	62.91	ng	0.00
Target Compounds						
10) Phenol	6.45	94	50597	3.072	ng	80
19) n-Nitroso-di-n-propylamine	7.36	70	110156	11.606	ng	# 82
25) Isophorone	7.36	82	844077	35.589	ng	# 64
49) Dimethylphthalate	9.55	163	165398	7.520	ng	99
56) 2,4-Dinitrotoluene	9.83	165	34985	6.946	ng	# 24
66) 4-Bromophenyl-phenylether	10.62	248	15690	3.132	ng	# 1

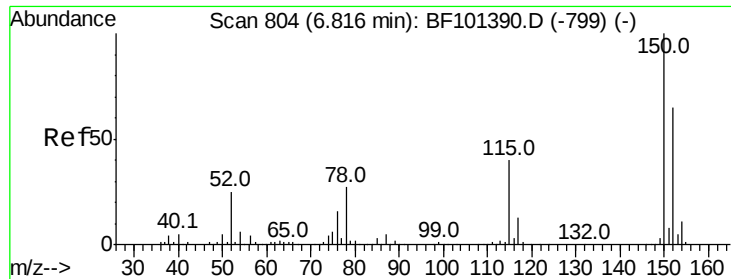
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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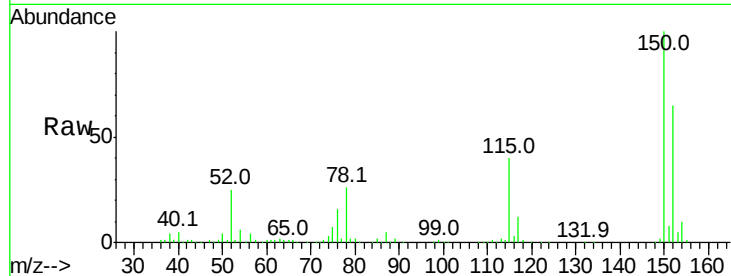


#1

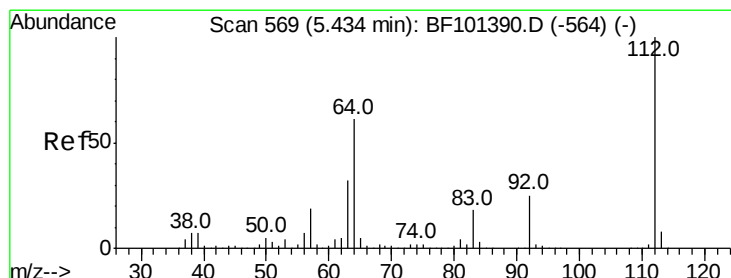
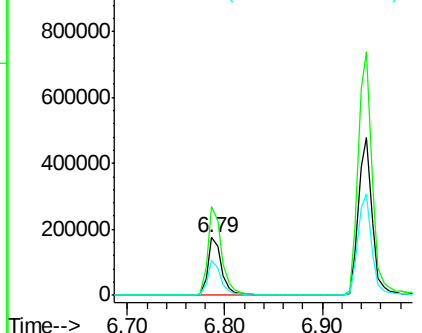
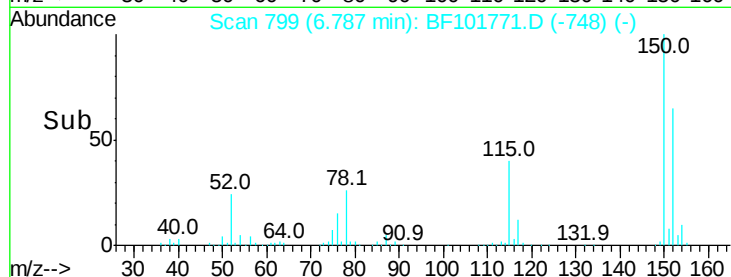
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101771.D
Acq: 27 Dec 2017 19:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 172977
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 61.5 50.1 75.1



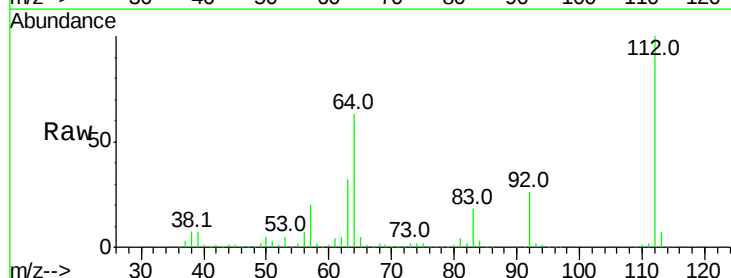
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



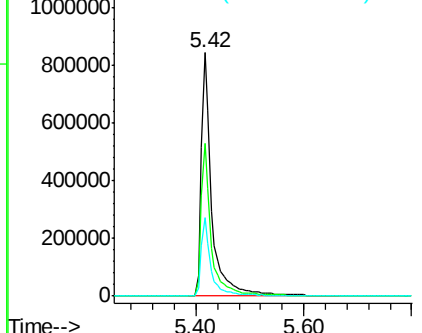
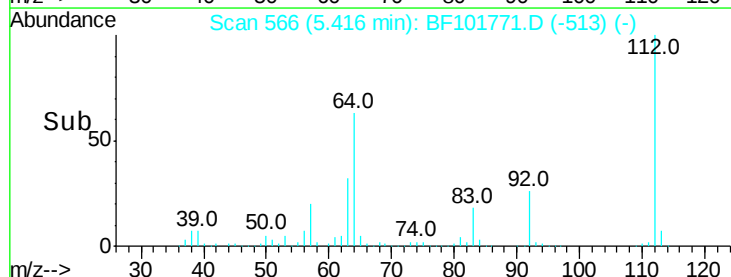
#5

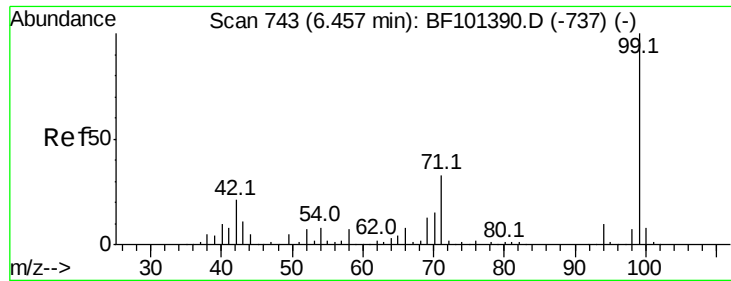
2-Fluorophenol
Concen: 98.582 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101771.D
Acq: 27 Dec 2017 19:15

Tgt Ion:112 Resp: 1144776
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 32.4 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: 92.808 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101771.D

Acq: 27 Dec 2017 19:15

Instrument :

BNA_F

ClientSampled :

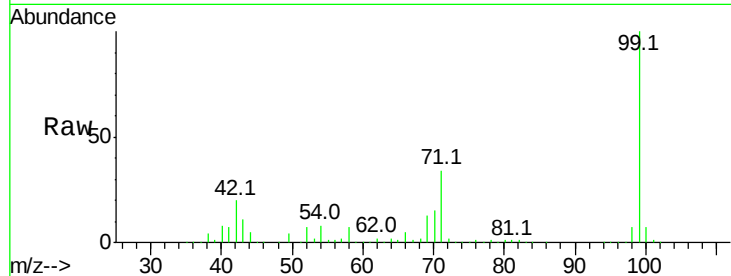
Tot Ion: 99 Resp: 1341279

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.5	21.7
71	34.5	25.4	38.0

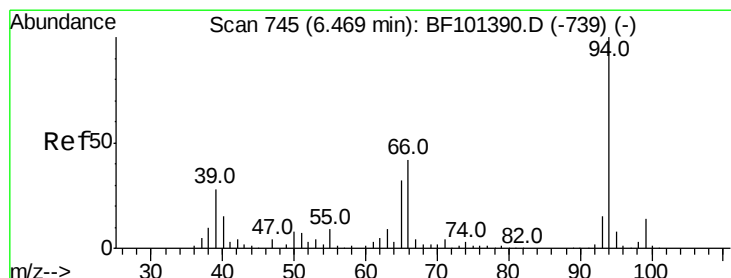
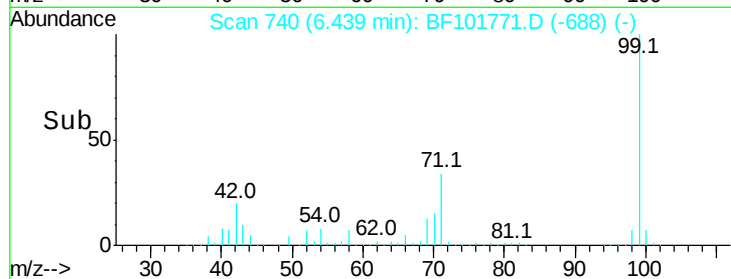
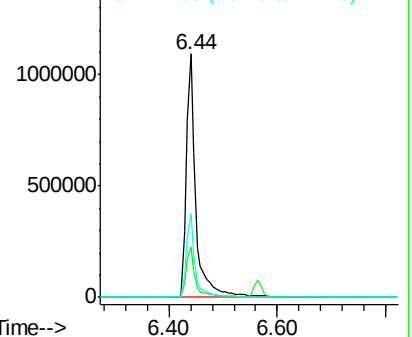
99 100

42 20.5 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: 3.072 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF101771.D

Acq: 27 Dec 2017 19:15

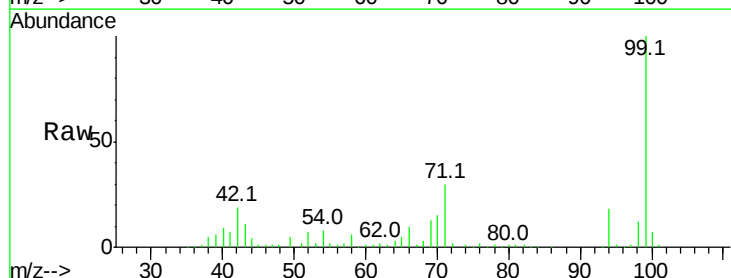
Tgt Ion: 94 Resp: 50597

Ion	Ratio	Lower	Upper
94	100		
65	29.7	7.9	47.9
66	55.9	16.2	56.2

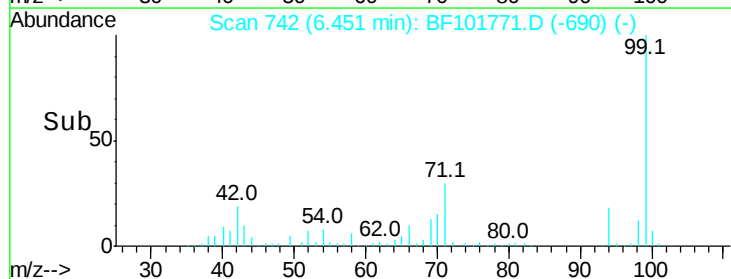
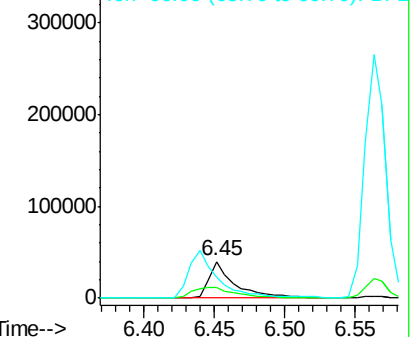
94 100

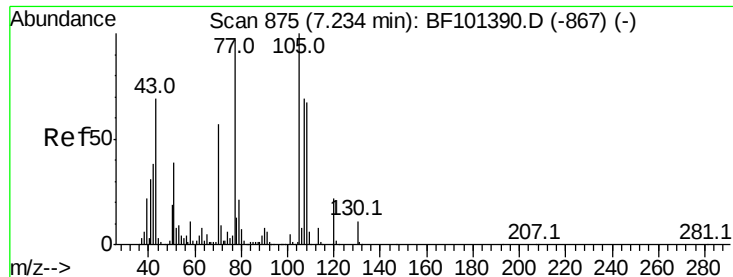
65 29.7 7.9 47.9

66 55.9 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

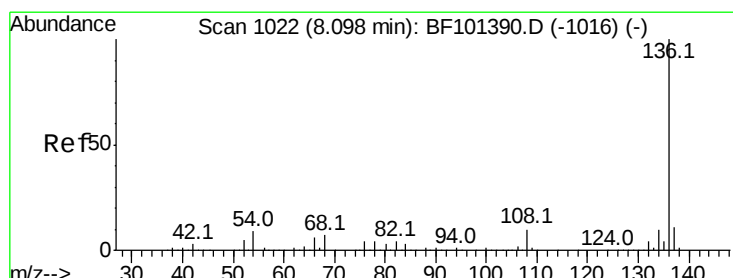
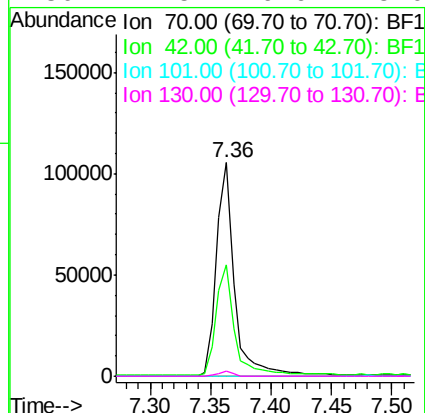
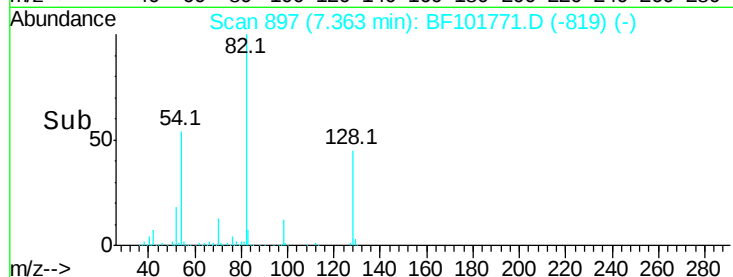
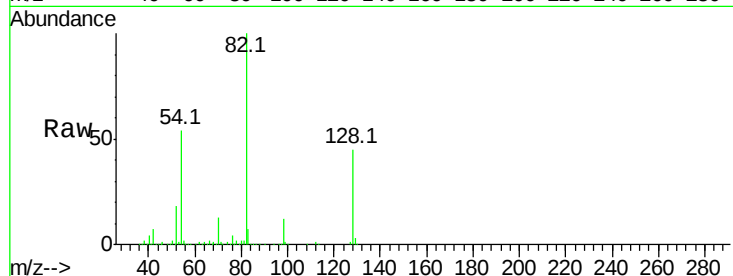




#19
n-Nitroso-di-n-propylamine
Concen: 11.606 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.16 min
Lab File: BF101771.D
Acq: 27 Dec 2017 19:15

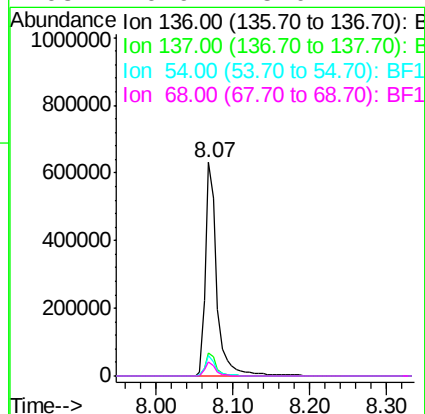
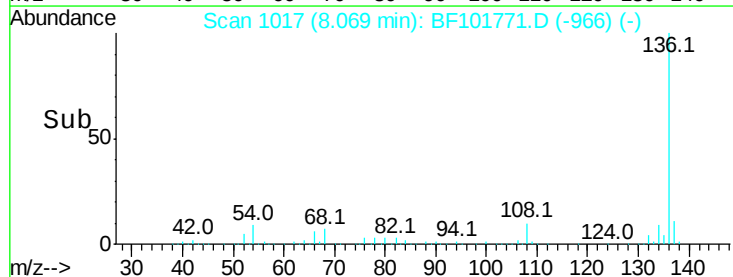
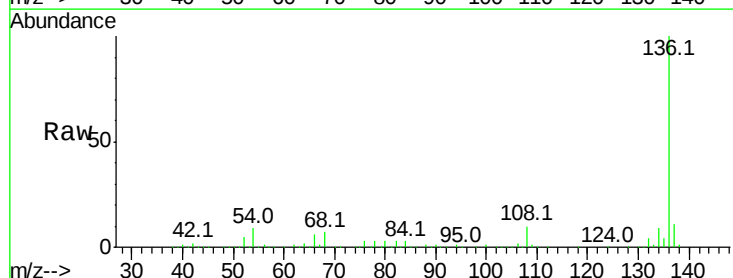
Instrument :
BNA_F
ClientSampleId :

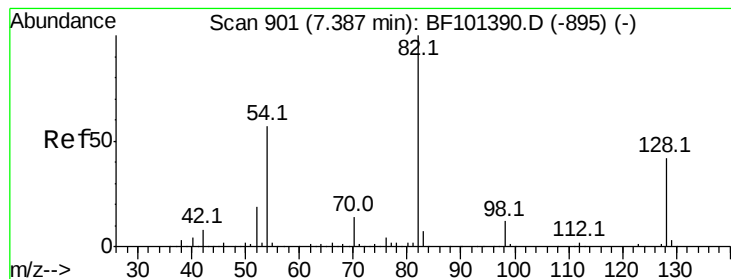
Tot Ion: 70 Resp: 110156
Ion Ratio Lower Upper
70 100
42 51.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101771.D
Acq: 27 Dec 2017 19:15

Tgt Ion: 136 Resp: 658128
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.4 6.6 9.8
68 6.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 71.394 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF101771.D

Acq: 27 Dec 2017 19:15

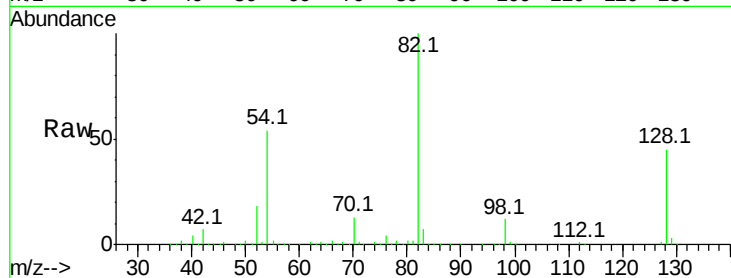
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 844077

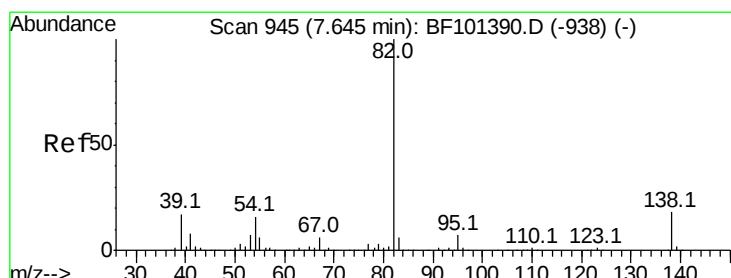
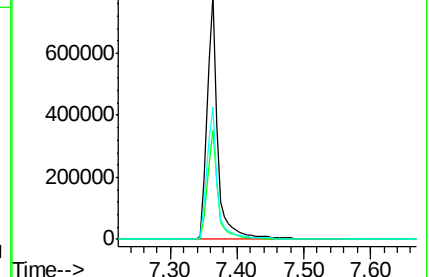
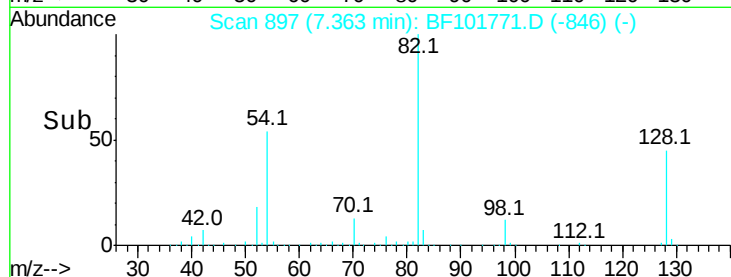
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	54.2	41.4	62.2



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: 35.589 ng

RT: 7.36 min Scan# 897

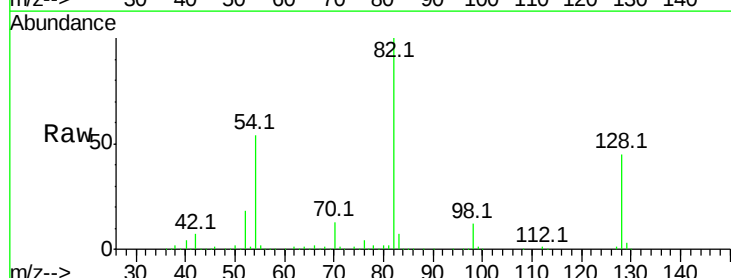
Delta R.T. -0.25 min

Lab File: BF101771.D

Acq: 27 Dec 2017 19:15

Tgt Ion: 82 Resp: 844077

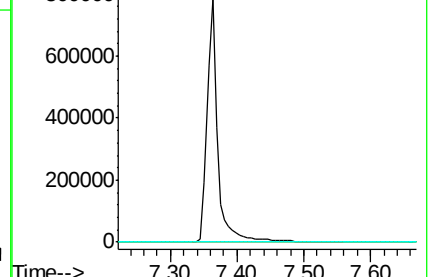
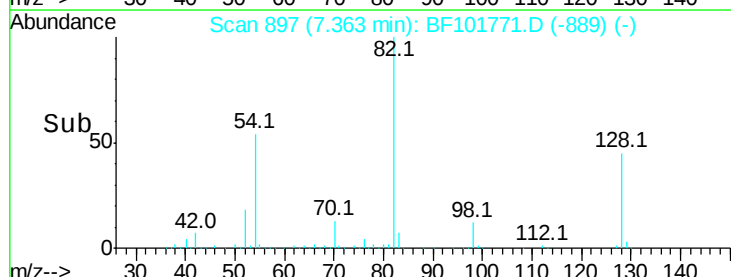
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

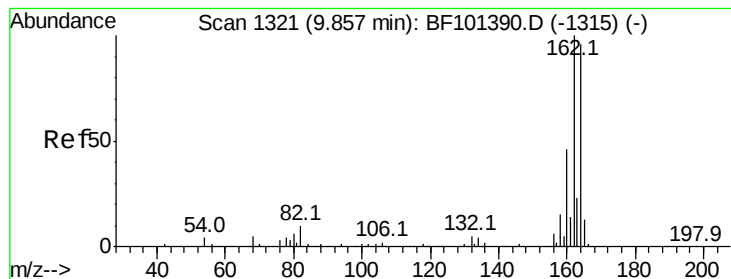


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101771.D

Acq: 27 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

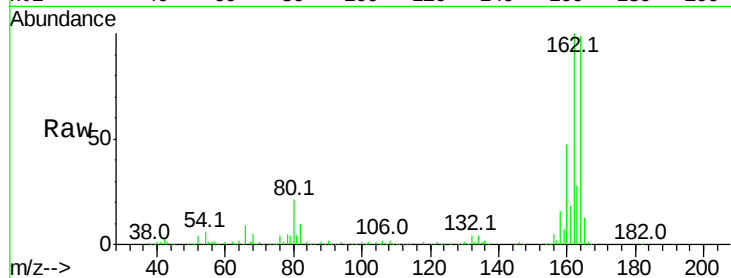
Tot Ion:164 Resp: 273451

Ion Ratio Lower Upper

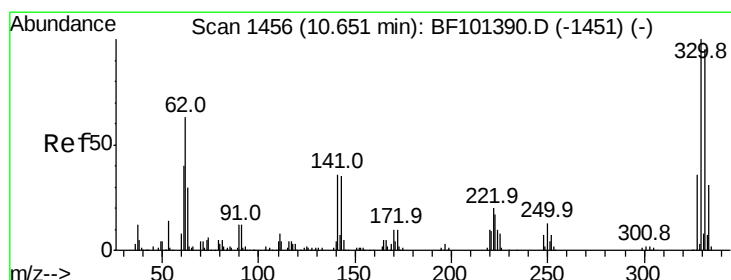
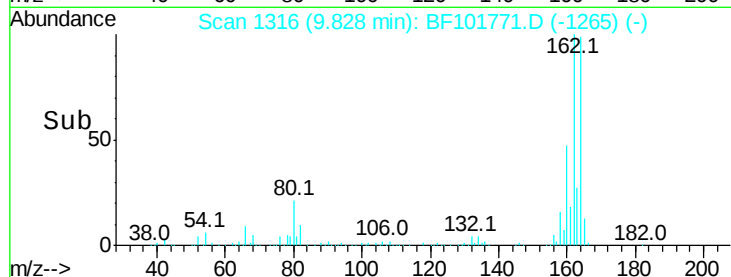
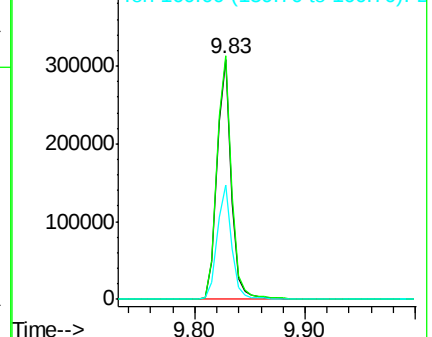
164 100

162 101.5 86.1 129.1

160 47.9 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: 98.127 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF101771.D

Acq: 27 Dec 2017 19:15

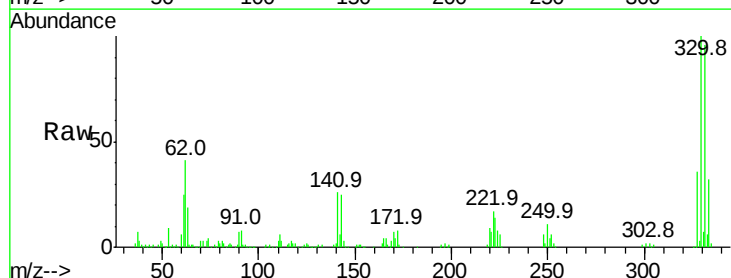
Tgt Ion:330 Resp: 258555

Ion Ratio Lower Upper

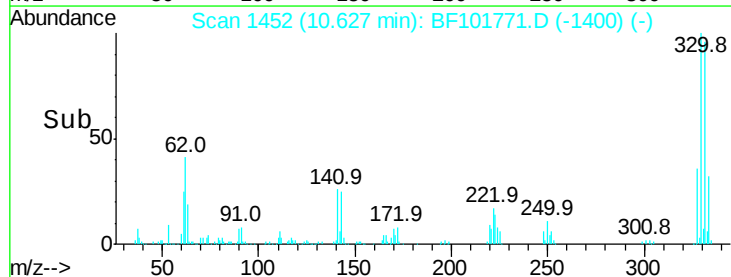
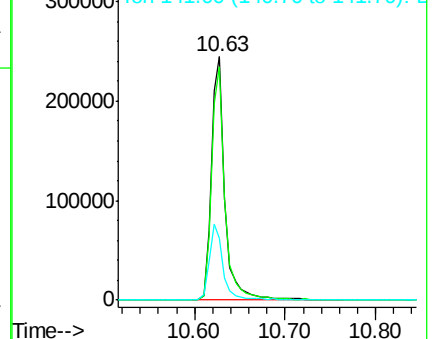
330 100

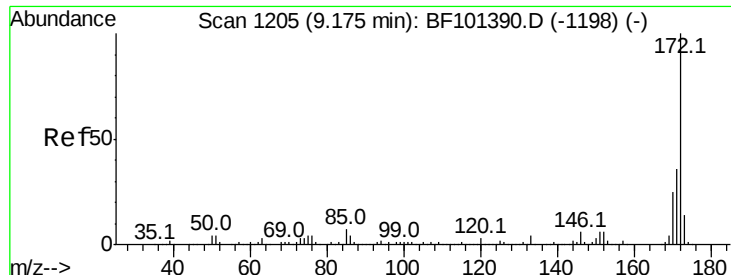
332 96.0 77.0 115.6

141 31.9 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

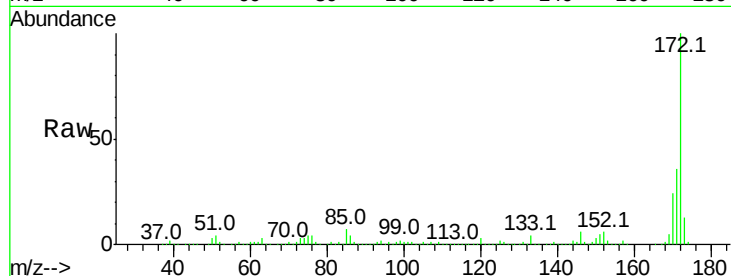




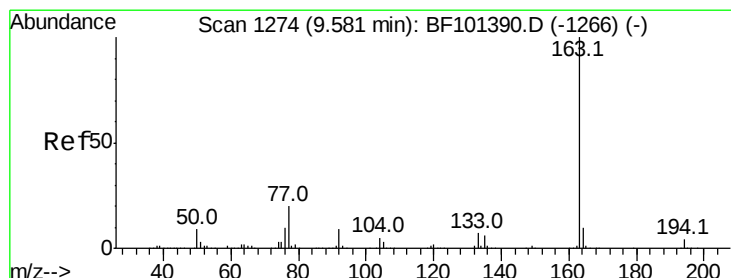
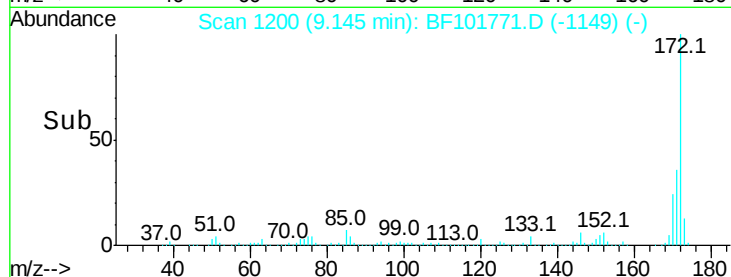
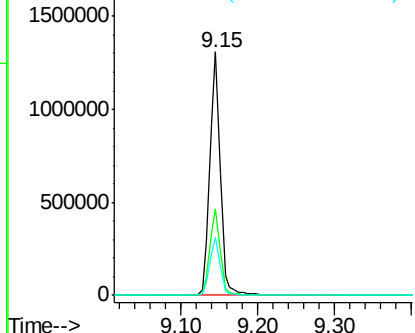
#44
2-Fluorobiphenyl
Concen: 69.663 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101771.D
Acq: 27 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1228015
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 24.0 19.6 29.4

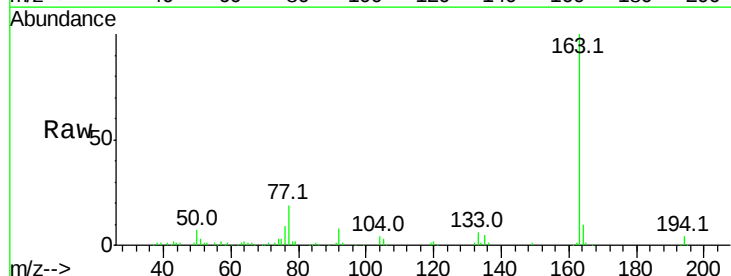


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

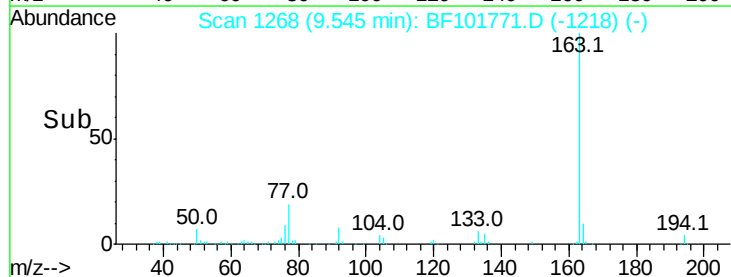
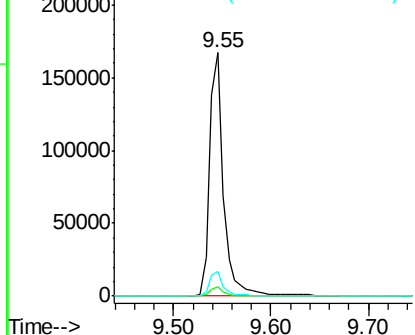


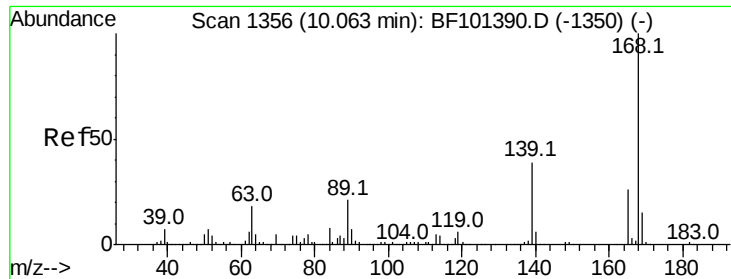
#49
Dimethylphthalate
Concen: 7.520 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101771.D
Acq: 27 Dec 2017 19:15

Tgt Ion:163 Resp: 165398
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 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

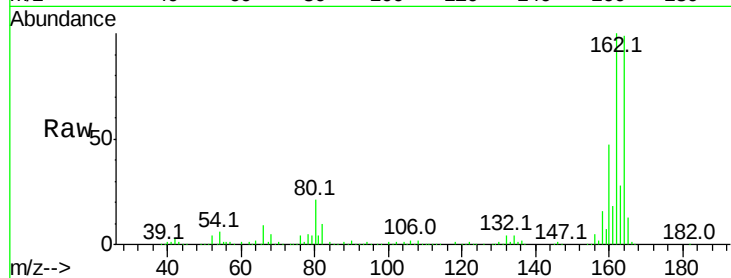




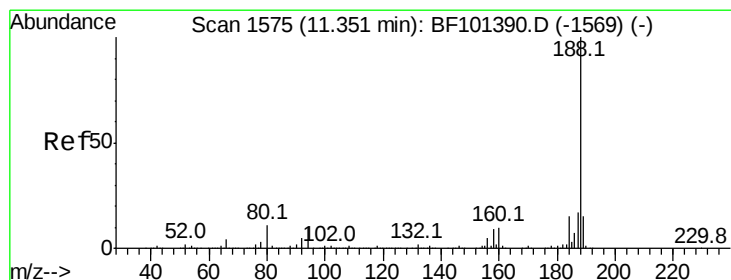
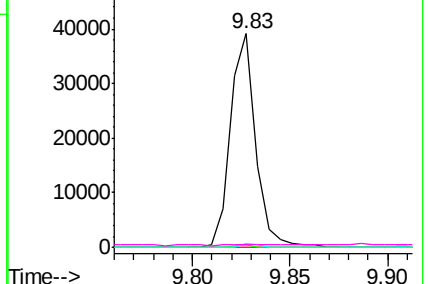
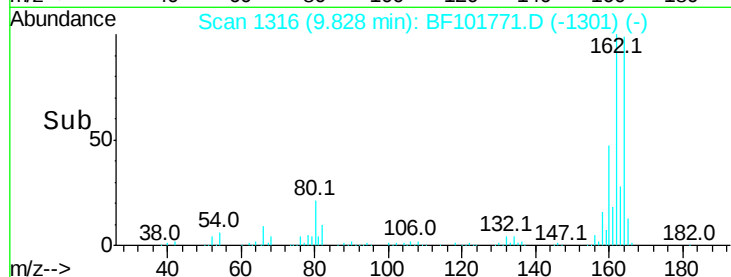
#56
 2,4-Dinitrotoluene
 Concen: 6.946 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF101771.D
 Acq: 27 Dec 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 34985
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.7 57.8 86.6#
 182 1.2 1.6 2.4#

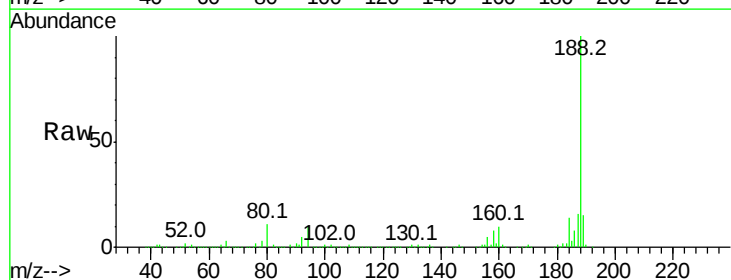


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

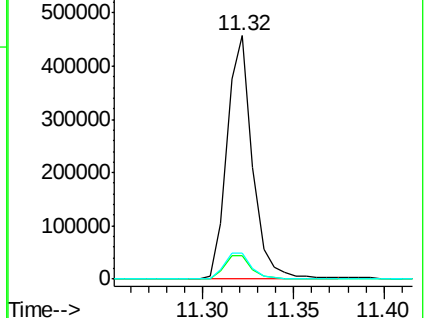
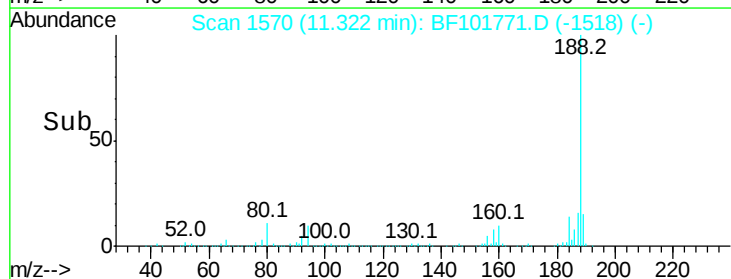


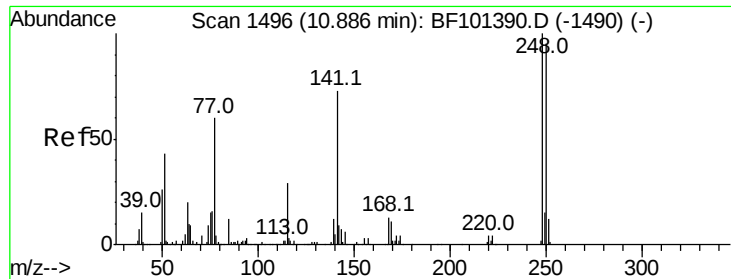
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF101771.D
 Acq: 27 Dec 2017 19:15

Tgt Ion:188 Resp: 445852
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.6 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

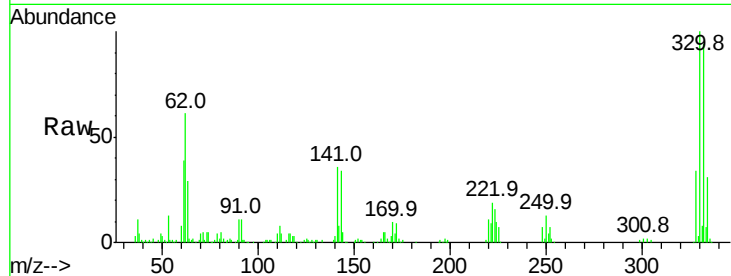




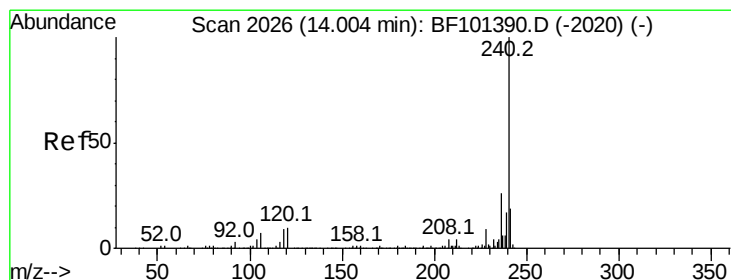
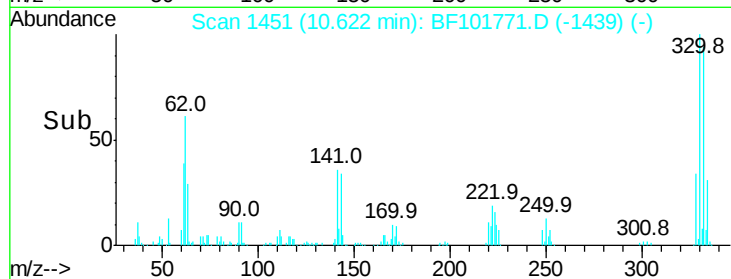
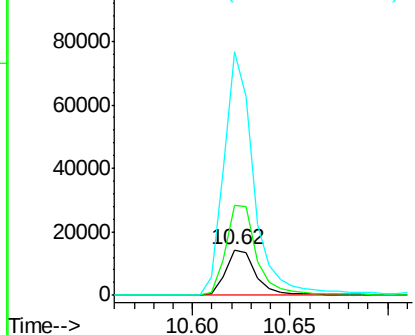
#66
4-Bromophenyl-phenylether
Concen: 3.132 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.23 min
Lab File: BF101771.D
Acq: 27 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15690
Ion Ratio Lower Upper
248 100
250 197.2 76.9 115.3#
141 533.9 74.4 111.6#

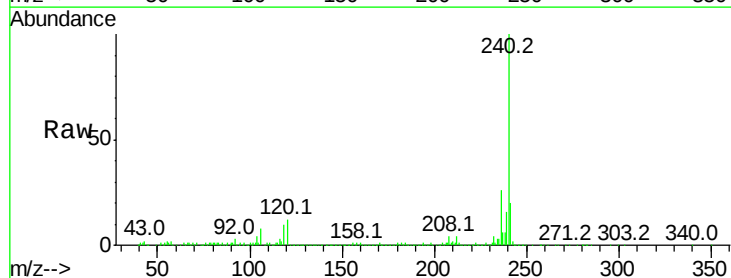


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

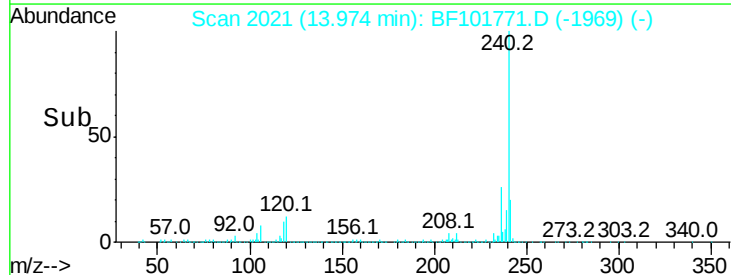
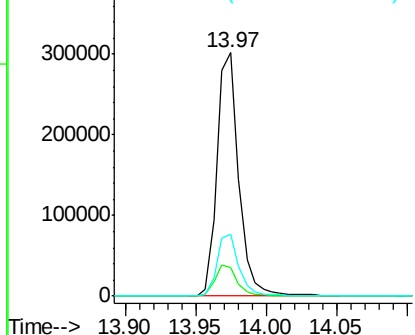


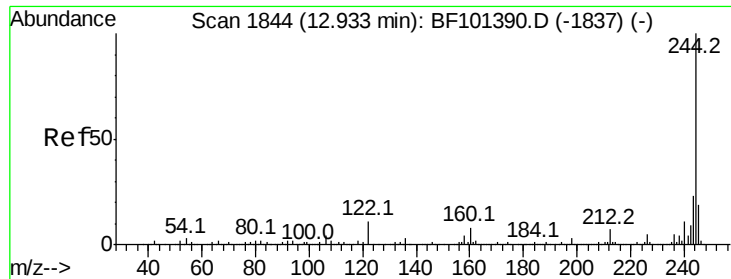
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF101771.D
Acq: 27 Dec 2017 19:15

Tgt Ion:240 Resp: 324055
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.6 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: 62.911 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101771.D

Acq: 27 Dec 2017 19:15

Instrument :

BNA_F

ClientSampled :

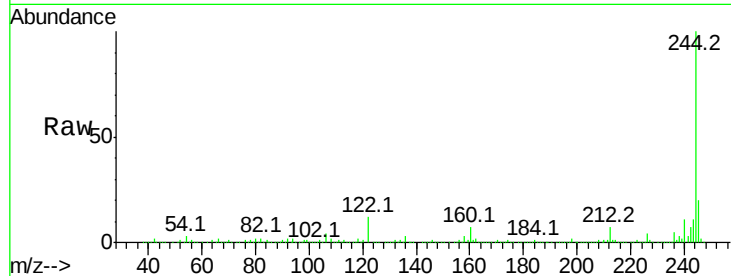
Tot Ion:244 Resp: 845647

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

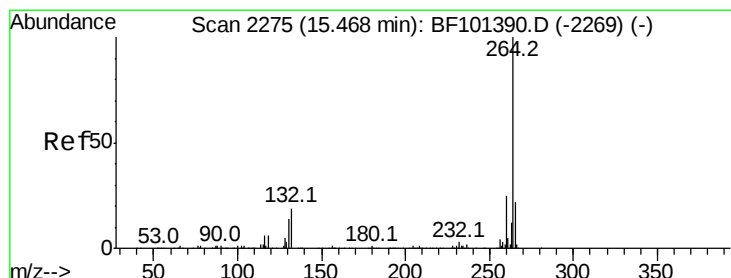
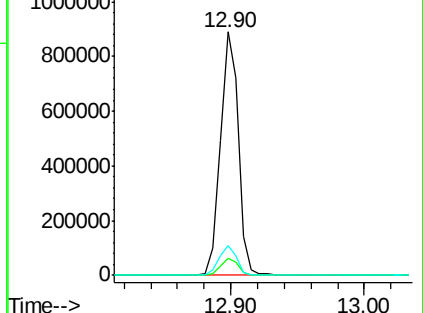
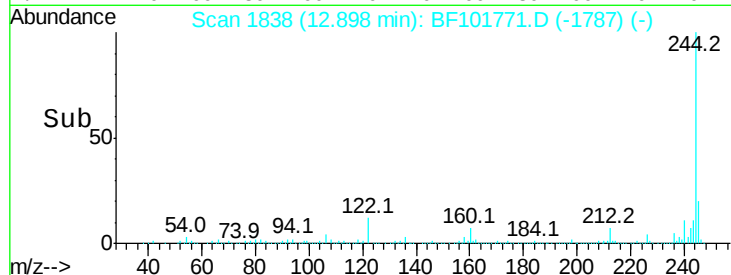
122 12.2 11.0 16.4



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: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF101771.D

Acq: 27 Dec 2017 19:15

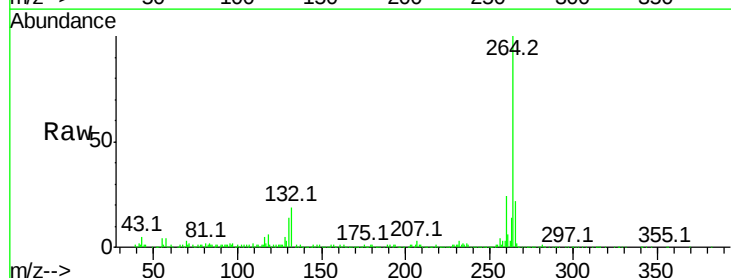
Tgt Ion:264 Resp: 305358

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 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

