

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101774.D
 Acq On : 27 Dec 2017 20:35
 Operator : SJ/JU
 Sample : I7077-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:08:29 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

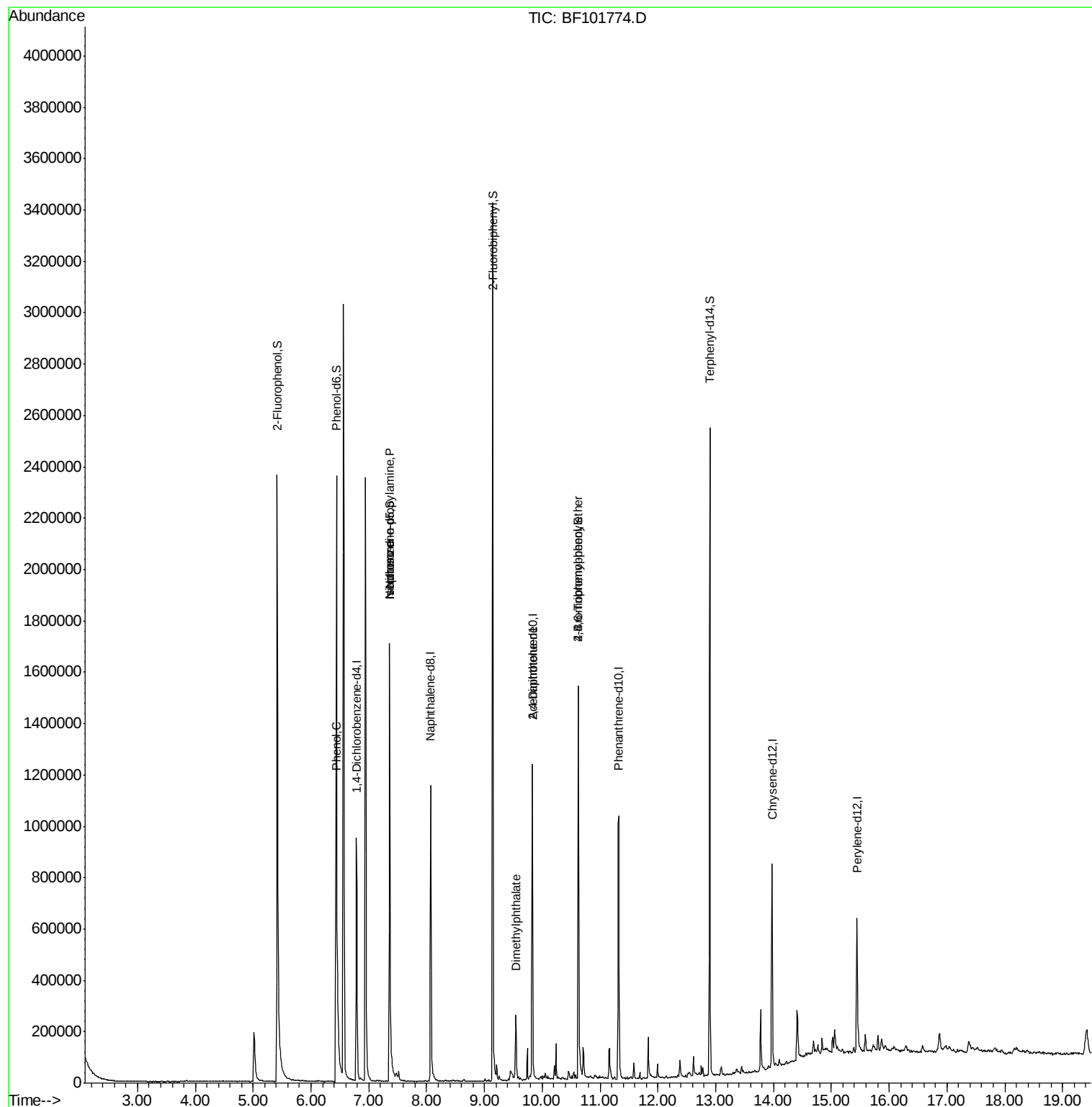
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	155662	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	603832	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	251905	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	415101	20.00	ng	0.00
75) Chrysene-d12	13.97	240	306085	20.00	ng	0.00
86) Perylene-d12	15.44	264	289064	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	949940	90.90	ng	0.01
7) Phenol-d6	6.44	99	1132847	87.11	ng	0.00
23) Nitrobenzene-d5	7.36	82	708605	65.32	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	219666	90.50	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1146907	70.63	ng	0.00
78) Terphenyl-d14	12.90	244	853334	67.21	ng	0.00
Target Compounds						
10) Phenol	6.45	94	50164	3.384	ng	# 74
19) n-Nitroso-di-n-propylamine	7.36	70	92733	10.857	ng	# 81
25) Isophorone	7.36	82	708605	32.564	ng	# 64
49) Dimethylphthalate	9.55	163	114735	5.663	ng	100
56) 2,4-Dinitrotoluene	9.83	165	32414	6.986	ng	# 24
66) 4-Bromophenyl-phenylether	10.62	248	13510	2.897	ng	# 1

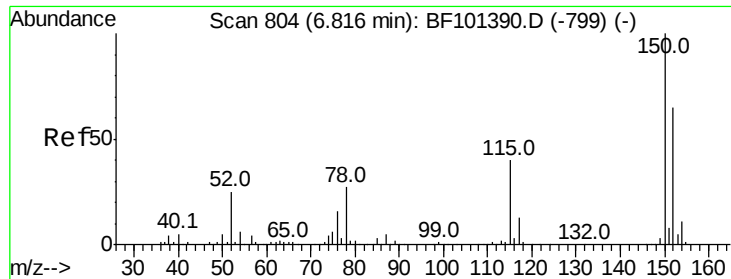
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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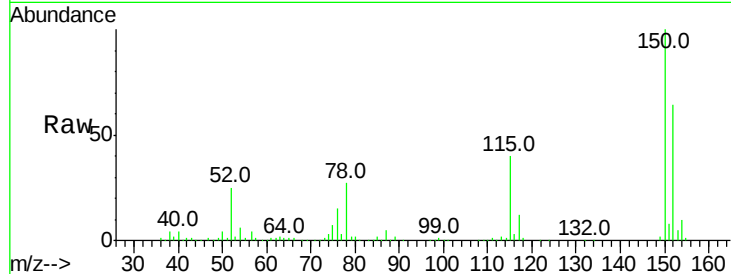


#1

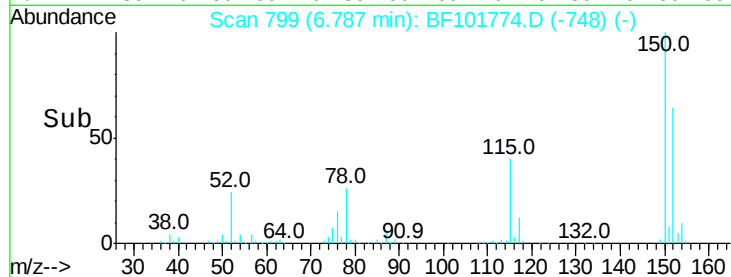
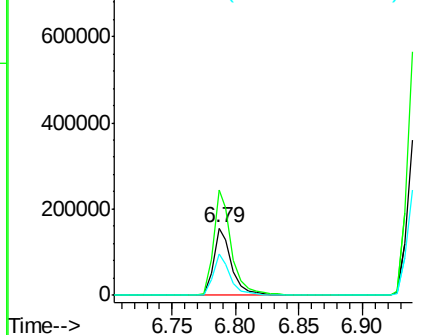
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101774.D
Acq: 27 Dec 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155662
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 62.0 50.1 75.1



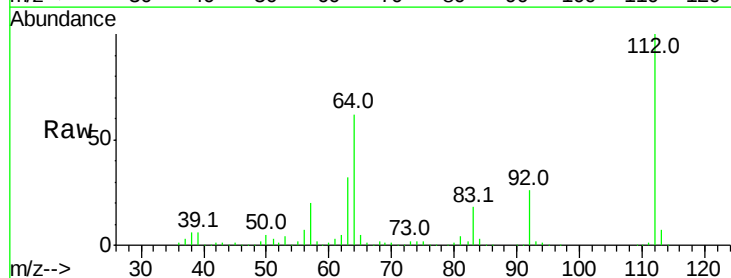
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



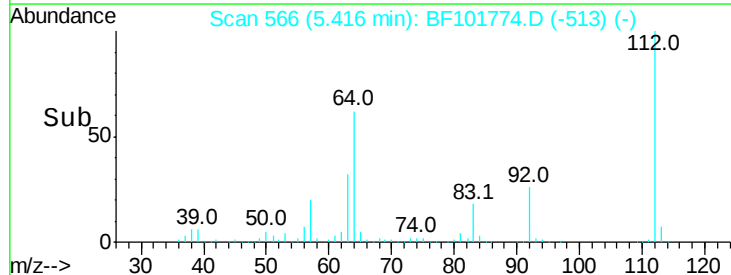
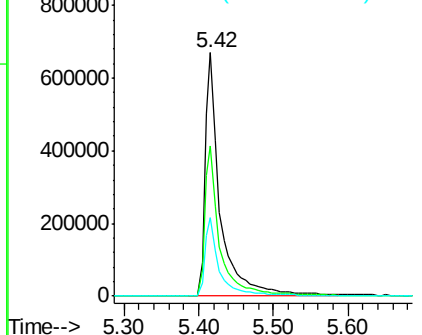
#5

2-Fluorophenol
Concen: 90.903 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101774.D
Acq: 27 Dec 2017 20:35

Tgt Ion:112 Resp: 949940
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 32.1 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: 87.105 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

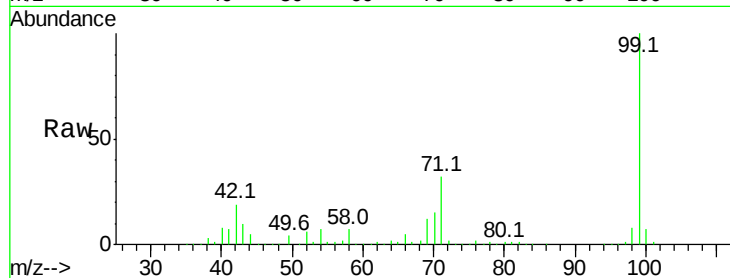
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1132847

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	31.9	25.4	38.0

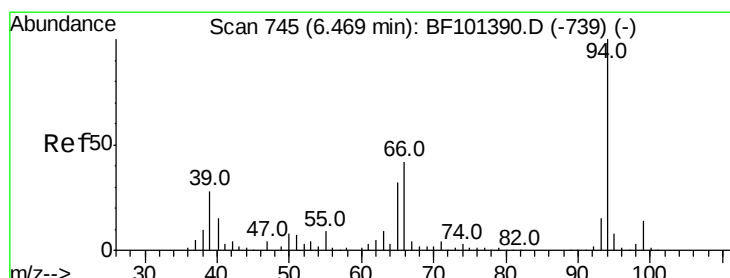
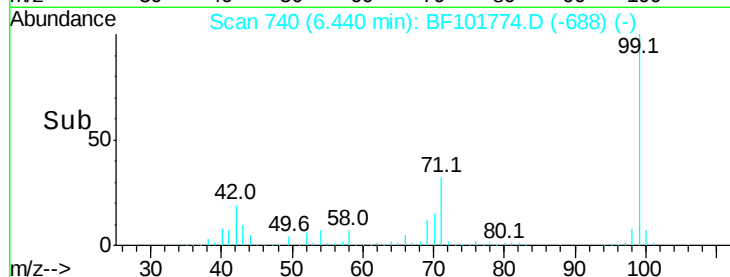


Abundance

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: 3.384 ng

RT: 6.45 min Scan# 742

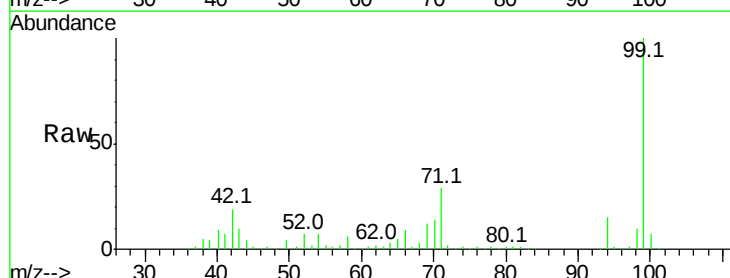
Delta R.T. 0.01 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

Tgt Ion: 94 Resp: 50164

Ion	Ratio	Lower	Upper
94	100		
65	33.8	7.9	47.9
66	58.5	16.2	56.2

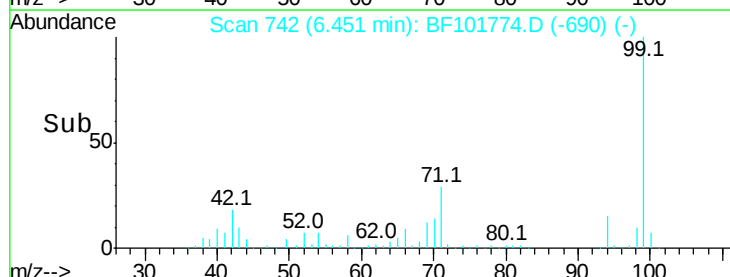


Abundance

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

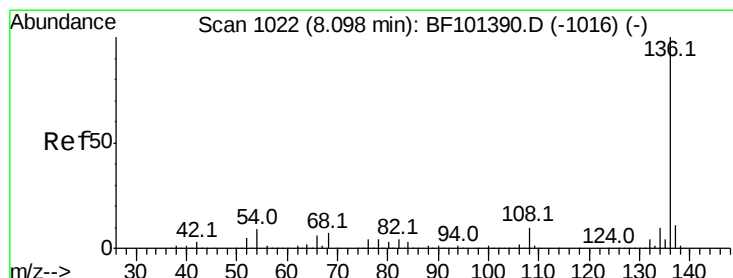
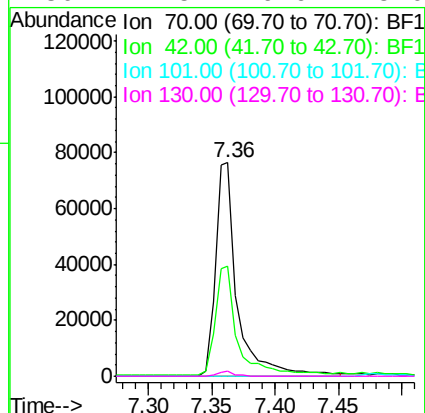
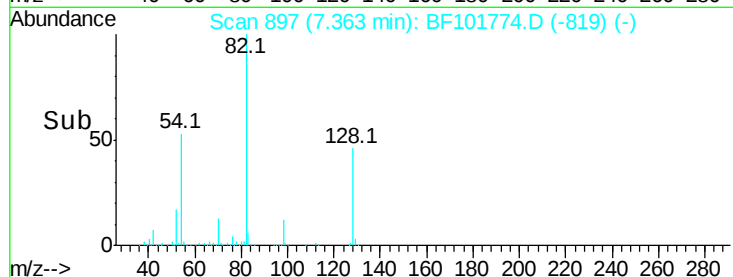
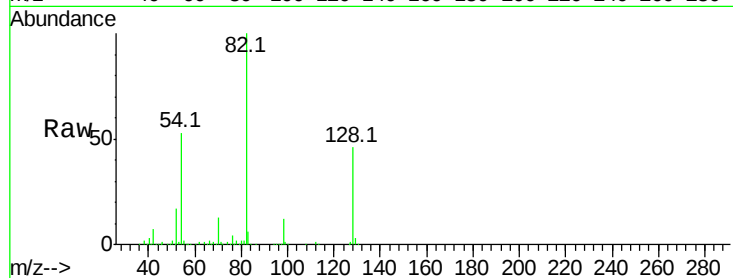




#19
n-Nitroso-di-n-propylamine
Concen: 10.857 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.16 min
Lab File: BF101774.D
Acq: 27 Dec 2017 20:35

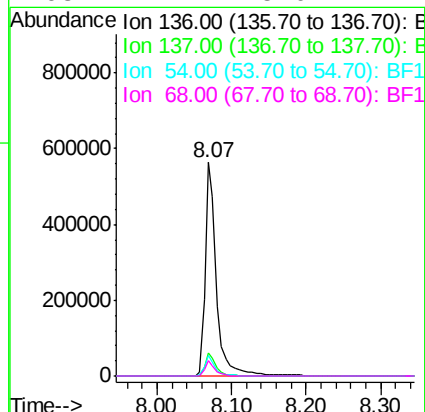
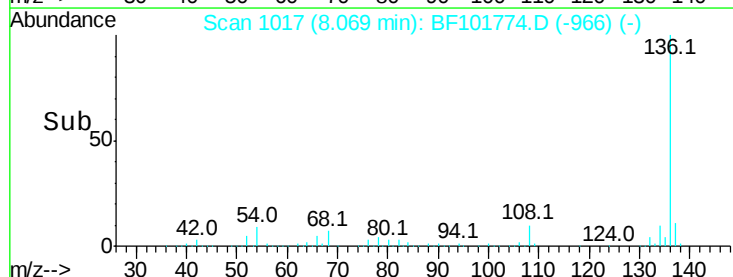
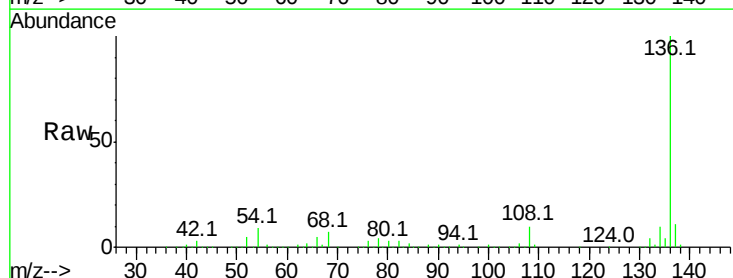
Instrument :
BNA_F
ClientSampled :

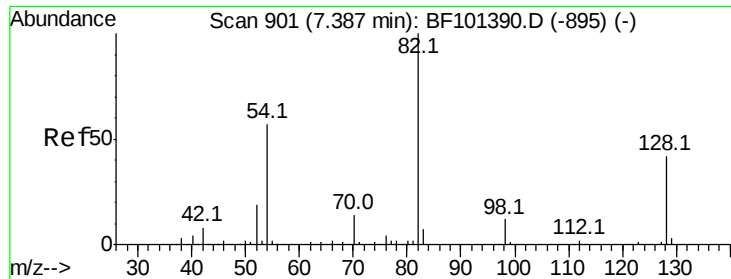
Tot Ion: 70 Resp: 92733
Ion Ratio Lower Upper
70 100
42 51.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101774.D
Acq: 27 Dec 2017 20:35

Tgt Ion: 136 Resp: 603832
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.5 6.6 9.8
68 7.4 5.0 7.4

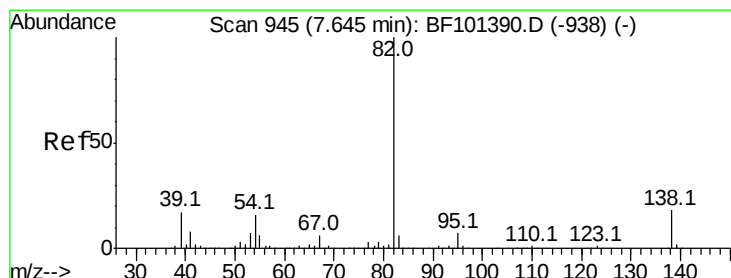
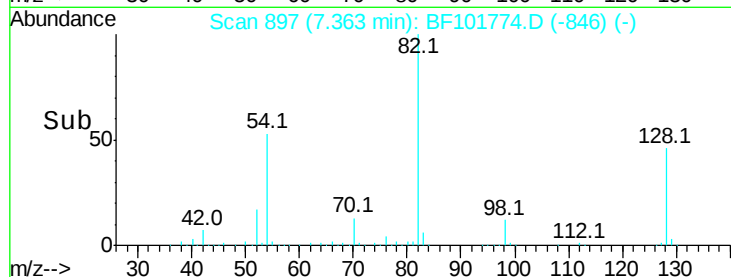
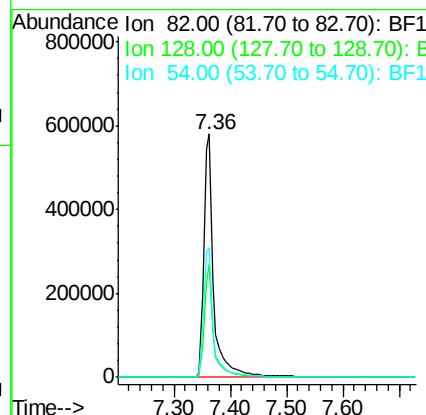
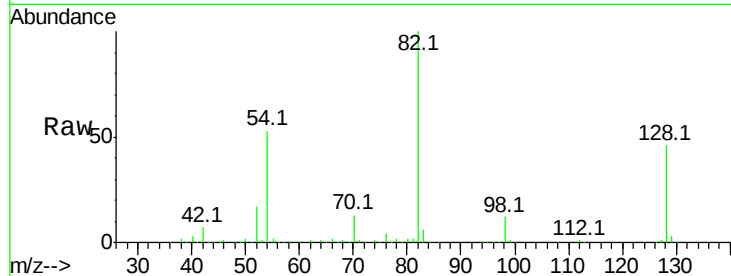




#23
 Nitrobenzene-d5
 Concen: 65.325 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF101774.D
 Acq: 27 Dec 2017 20:35

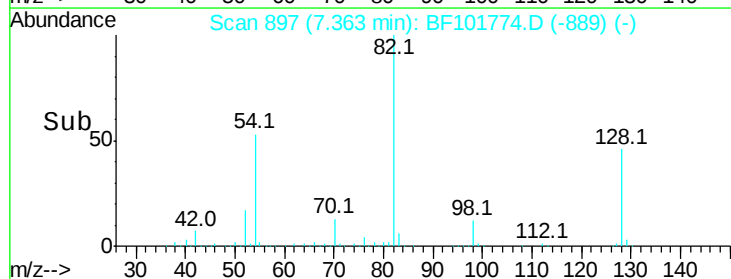
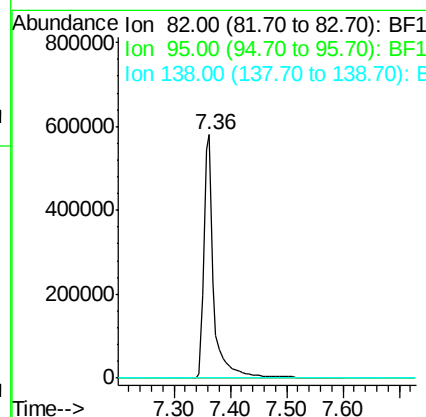
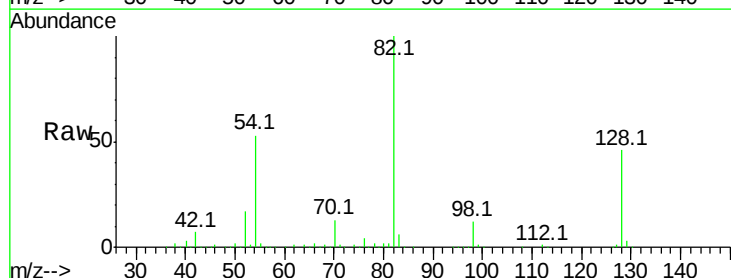
Instrument :
 BNA_F
 ClientSampled :

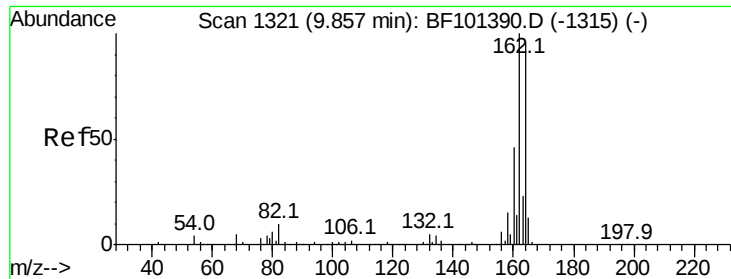
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	53.1	41.4	62.2



#25
 Isophorone
 Concen: 32.564 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.25 min
 Lab File: BF101774.D
 Acq: 27 Dec 2017 20:35

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

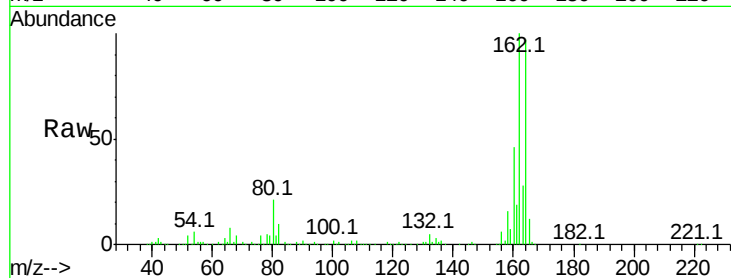




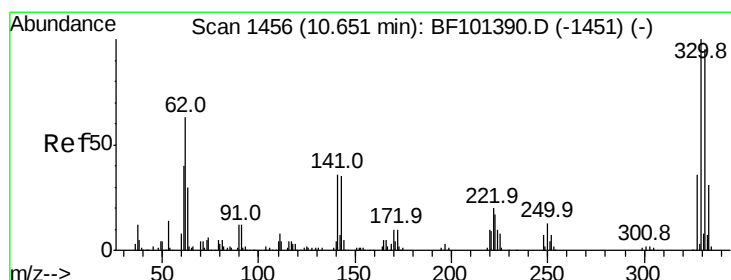
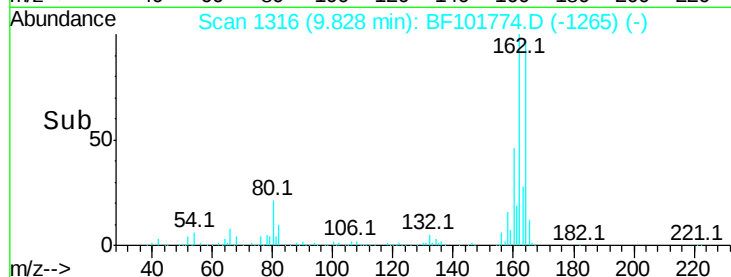
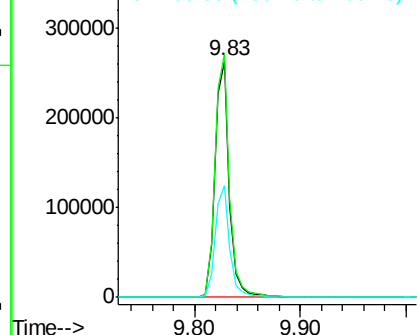
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101774.D
Acq: 27 Dec 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 251905
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 47.5 38.3 57.5

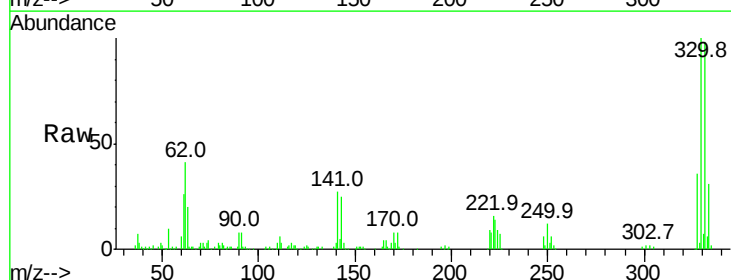


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

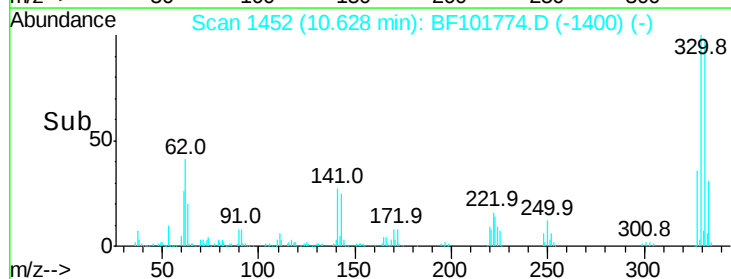
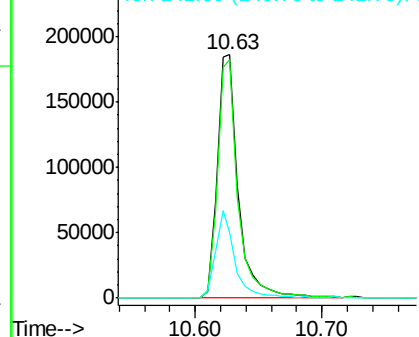


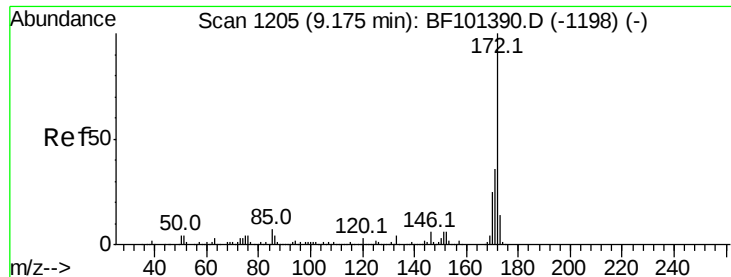
#41
2,4,6-Tribromophenol
Concen: 90.498 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF101774.D
Acq: 27 Dec 2017 20:35

Tgt Ion:330 Resp: 219666
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 32.8 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

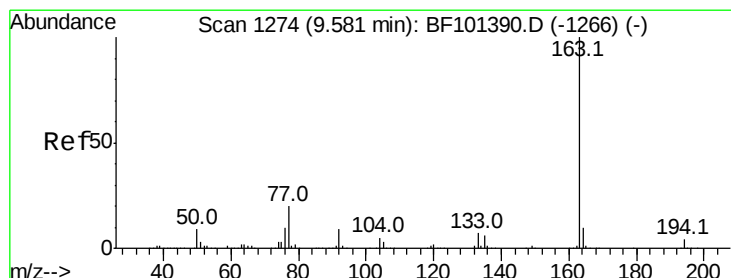
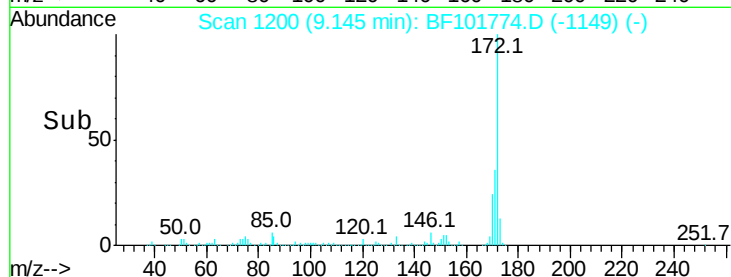
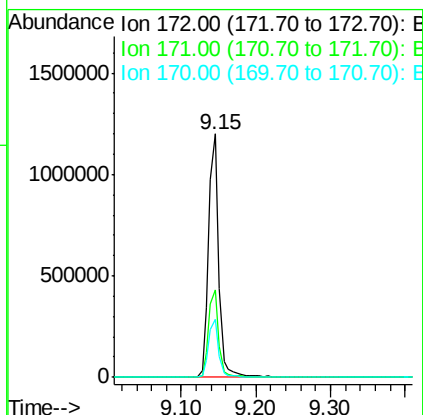
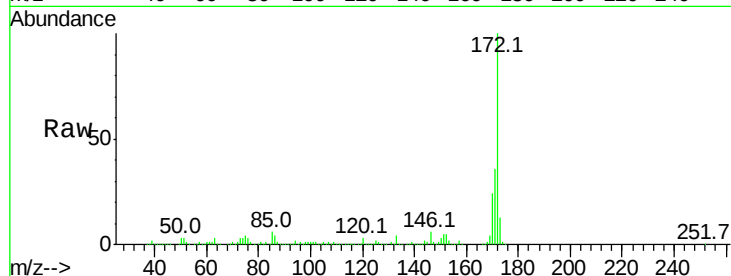




#44
2-Fluorobiphenyl
Concen: 70.627 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101774.D
Acq: 27 Dec 2017 20:35

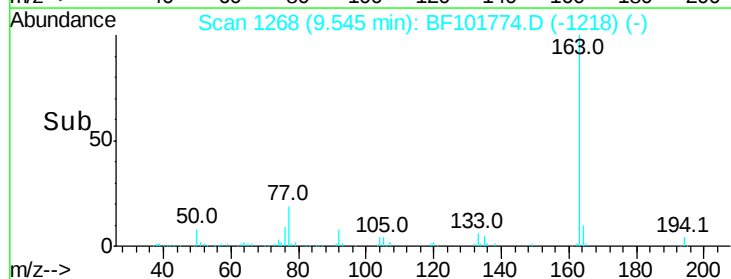
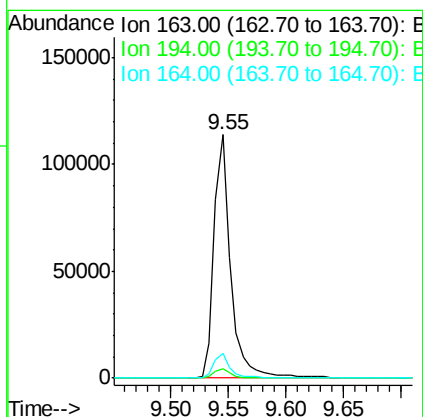
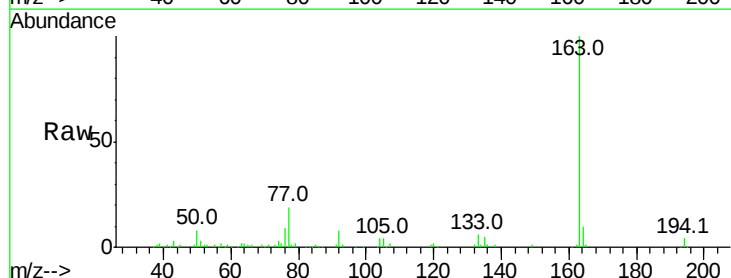
Instrument :
BNA_F
ClientSampleId :

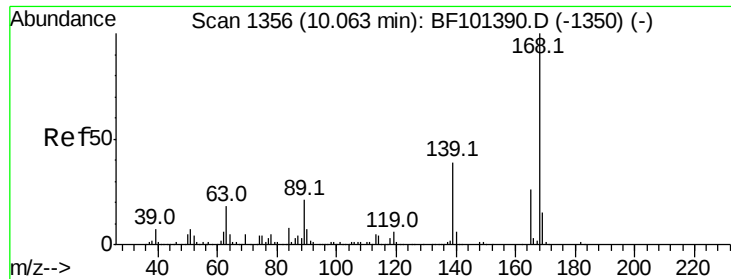
Tot Ion:172 Resp: 1146907
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.9 19.6 29.4



#49
Dimethylphthalate
Concen: 5.663 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101774.D
Acq: 27 Dec 2017 20:35

Tgt Ion:163 Resp: 114735
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2





#56

2,4-Dinitrotoluene

Concen: 6.986 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.21 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 32414

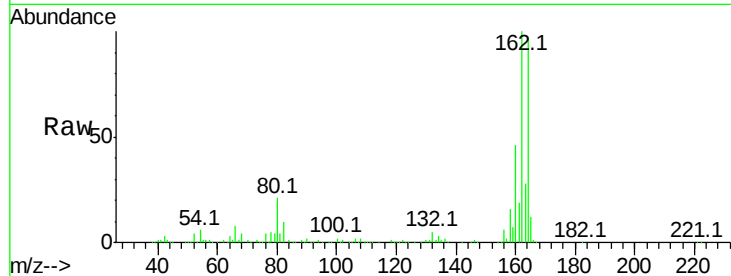
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 2.3 57.8 86.6#

182 1.2 1.6 2.4#

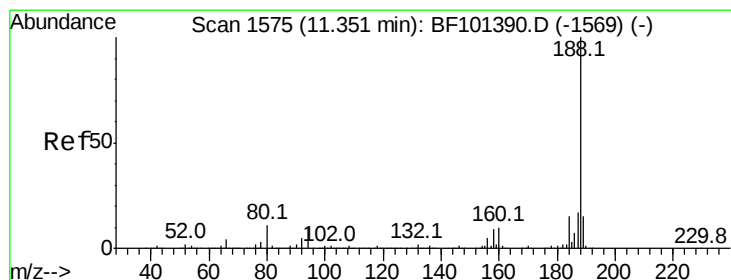
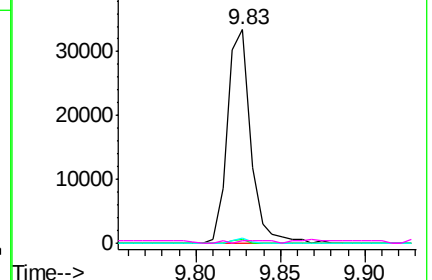
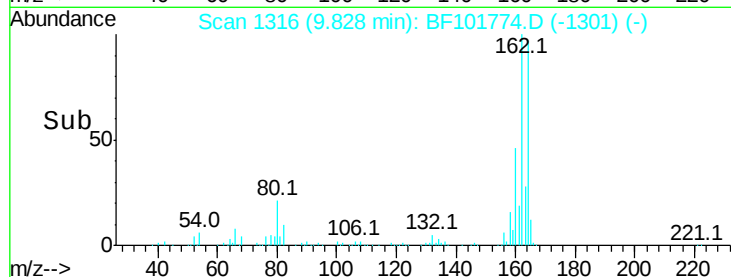


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF101774.D

Acq: 27 Dec 2017 20:35

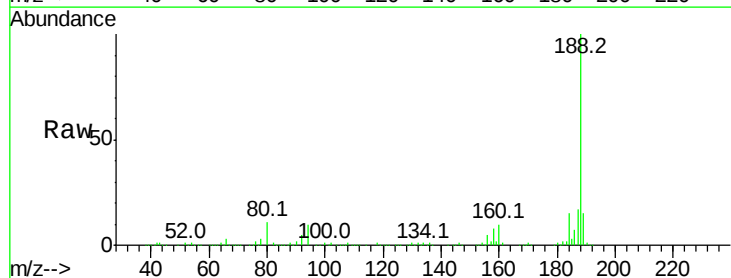
Tgt Ion:188 Resp: 415101

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

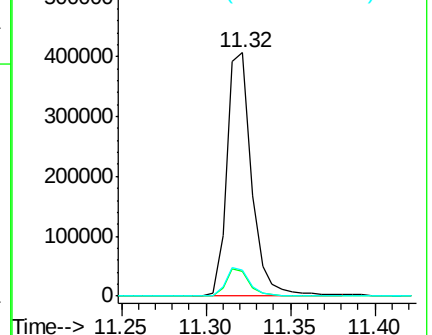
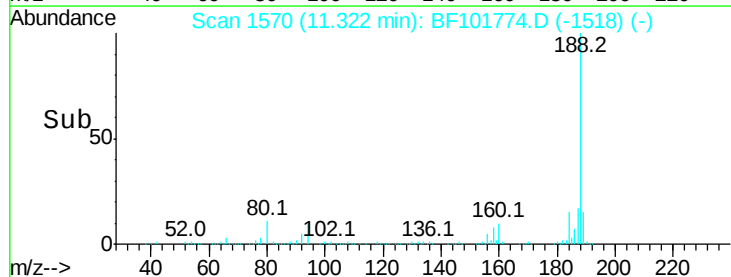
80 10.6 9.2 13.8

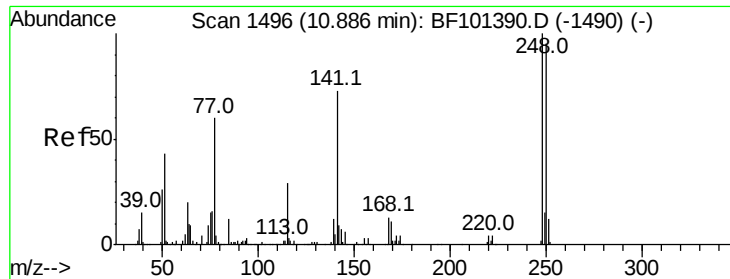


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

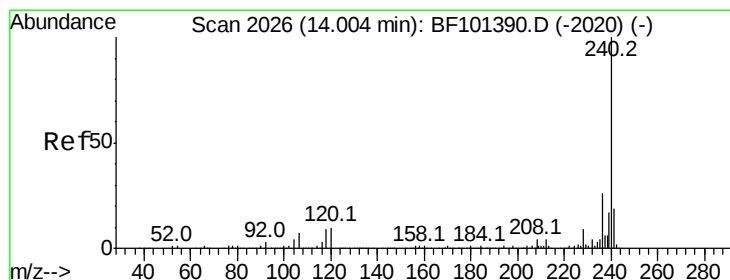
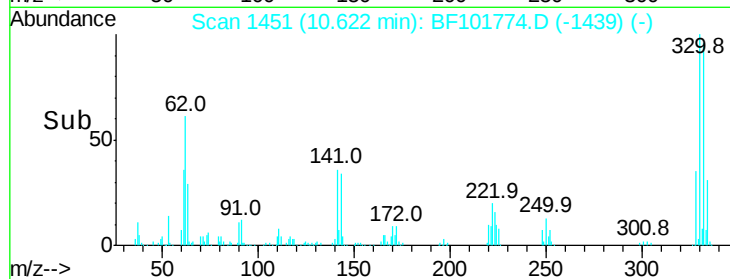
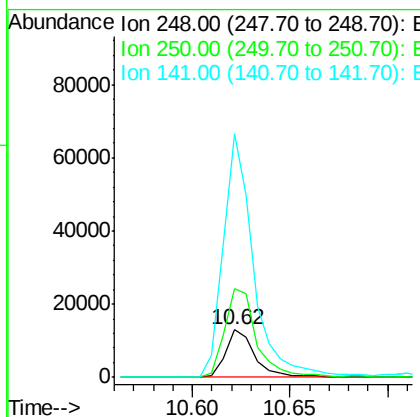
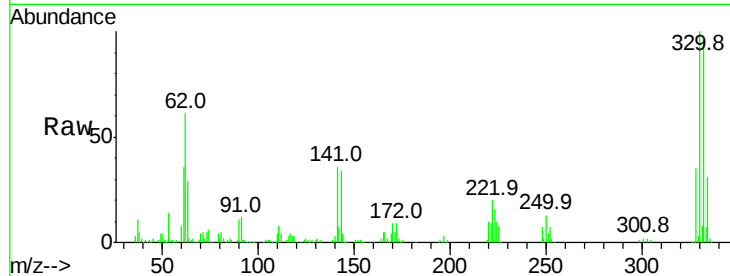




#66
 4-Bromophenyl-phenylether
 Concen: 2.897 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.23 min
 Lab File: BF101774.D
 Acq: 27 Dec 2017 20:35

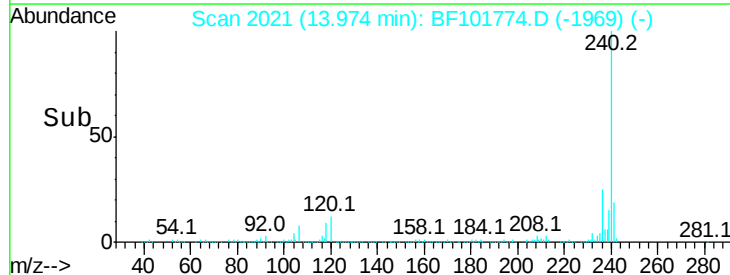
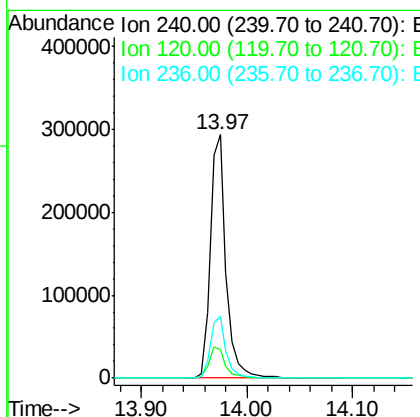
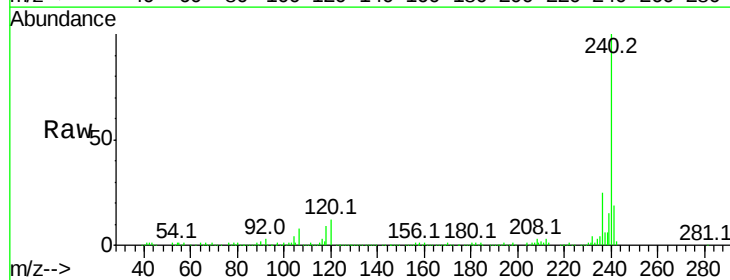
Instrument :
 BNA_F
 ClientSampled :

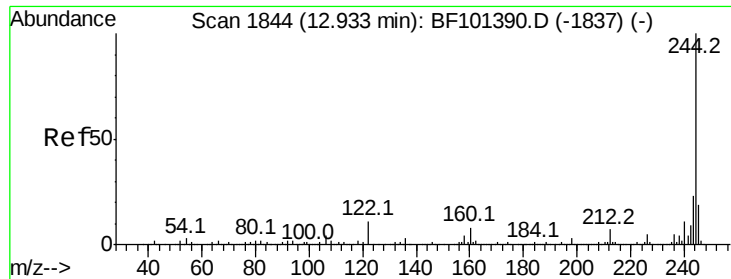
Tot Ion:248 Resp: 13510
 Ion Ratio Lower Upper
 248 100
 250 187.1 76.9 115.3#
 141 511.0 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101774.D
 Acq: 27 Dec 2017 20:35

Tgt Ion:240 Resp: 306085
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.5 14.3
 236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 67.210 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

Instrument :

BNA_F

ClientSampleId :

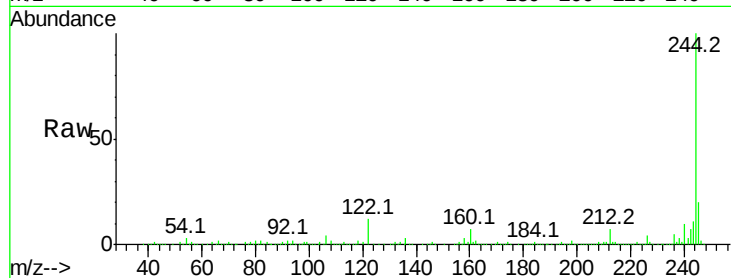
Tot Ion:244 Resp: 853334

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

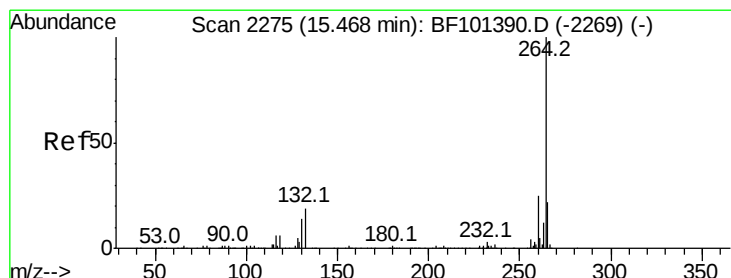
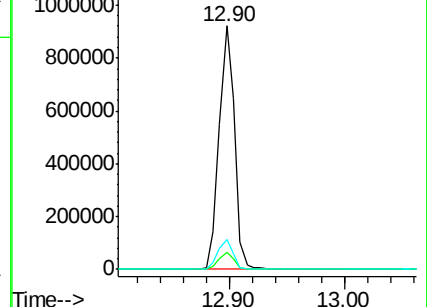
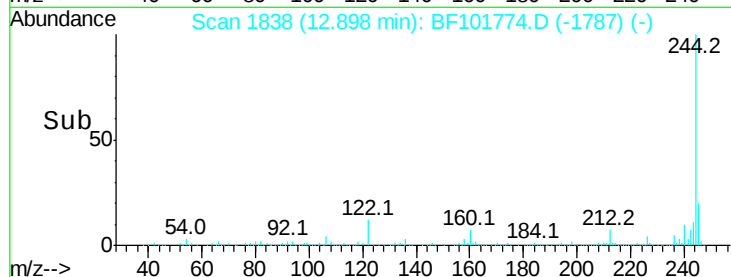
122 12.0 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF101774.D

Acq: 27 Dec 2017 20:35

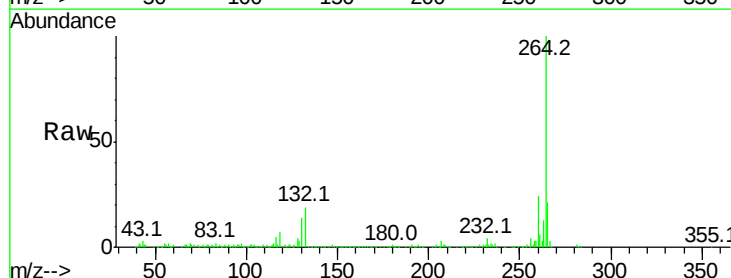
Tgt Ion:264 Resp: 289064

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.8 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

