

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097951.D
 Acq On : 22 Aug 2017 13:09
 Operator : SJ/JU
 Sample : I4899-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 22 14:32:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	98891	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	358637	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	134301	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	227520	20.00	ng	0.00
75) Chrysene-d12	13.89	240	192275	20.00	ng	0.00
86) Perylene-d12	15.32	264	126232	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	730832	112.41	ng	0.01
7) Phenol-d6	6.39	99	1142301	129.31	ng	0.00
23) Nitrobenzene-d5	7.32	82	724867	109.80	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	103765	89.05	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	993586	108.69	ng	0.00
78) Terphenyl-d14	12.85	244	748193	81.15	ng	0.00

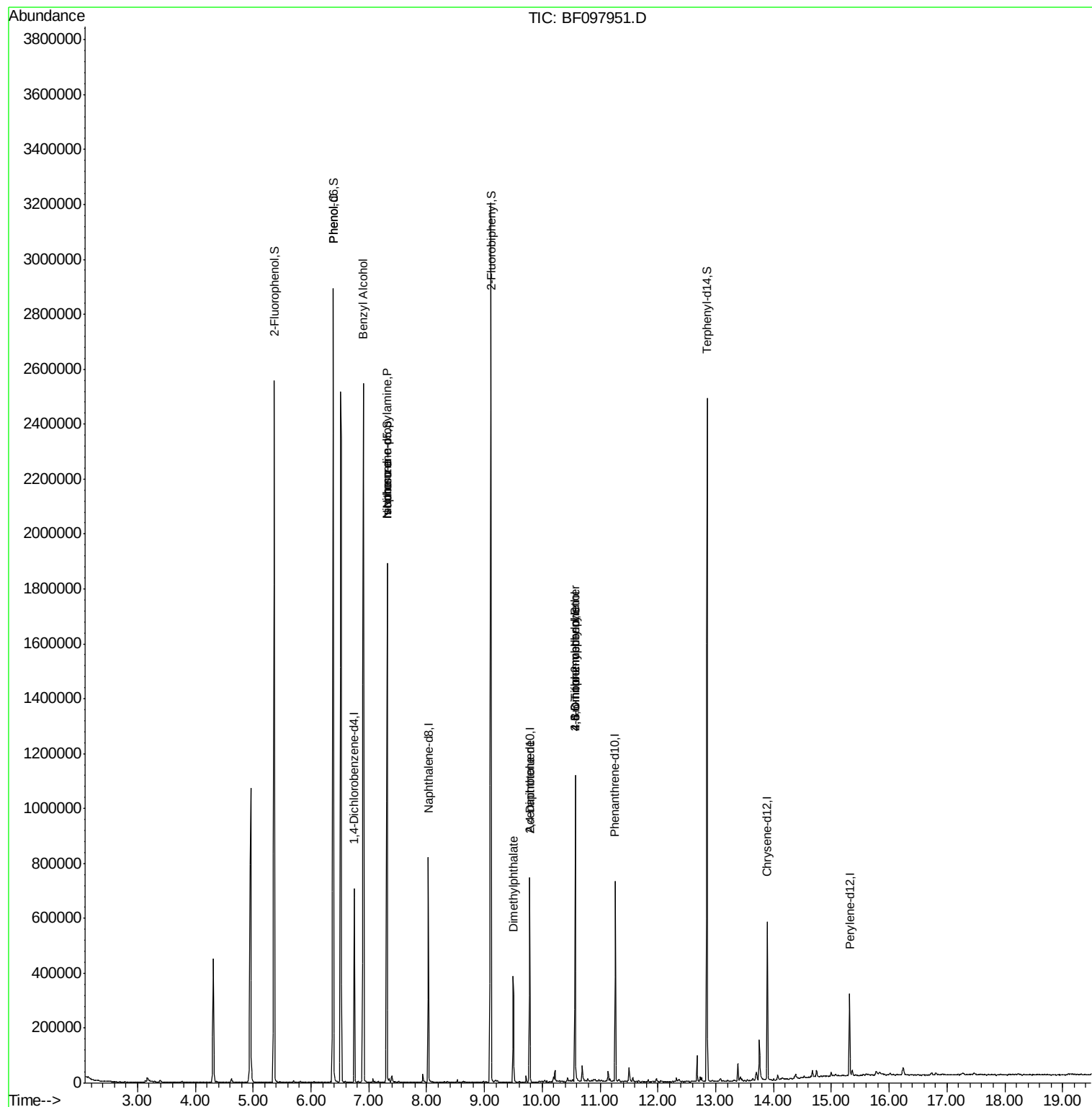
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.39	94	28483	2.757	ng	# 59
15) Benzyl Alcohol	6.90	79	13617	2.059	ng	# 35
19) n-Nitroso-di-n-propylamine	7.32	70	98200	16.239	ng	# 71
25) Isophorone	7.32	82	720473	52.484	ng	# 67
49) Dimethylphthalate	9.50	163	135480	13.801	ng	# 99
56) 2,4-Dinitrotoluene	9.78	165	16843	6.849	ng	# 32
64) 4,6-Dinitro-2-methylphenol	10.57	198	282	8.538	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	7388	3.127	ng	# 1

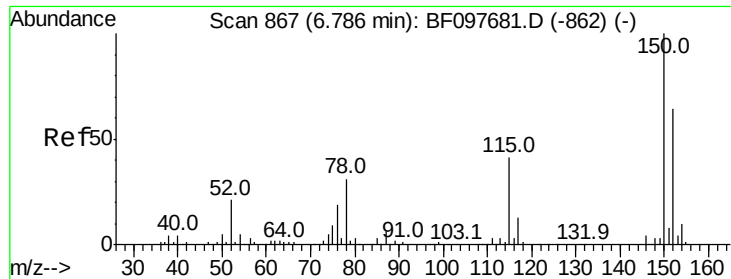
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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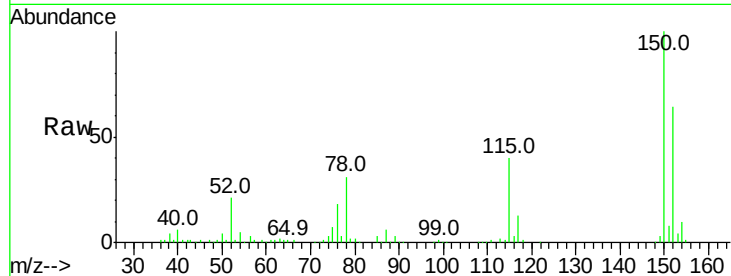


#1

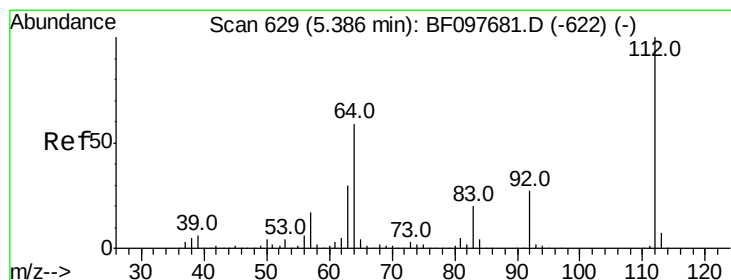
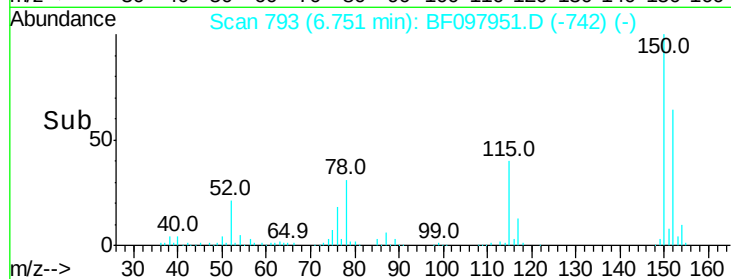
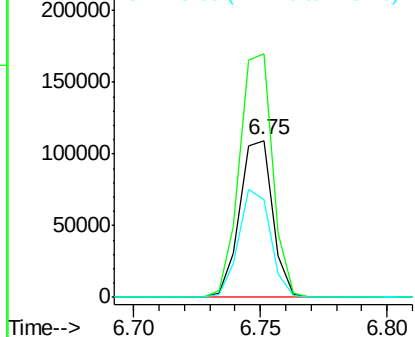
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097951.D
Acq: 22 Aug 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98891
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 62.7 52.2 78.2



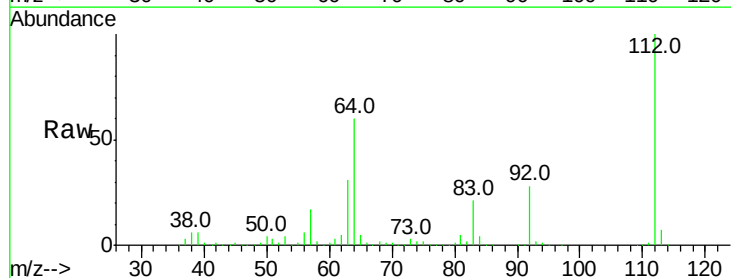
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



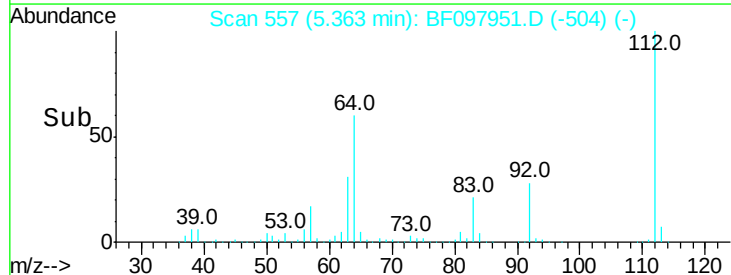
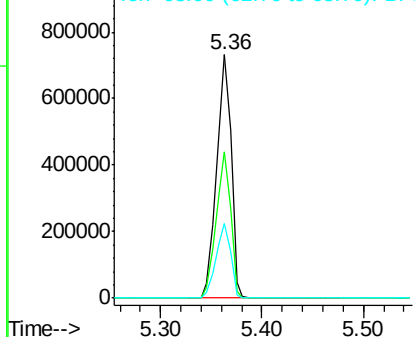
#5

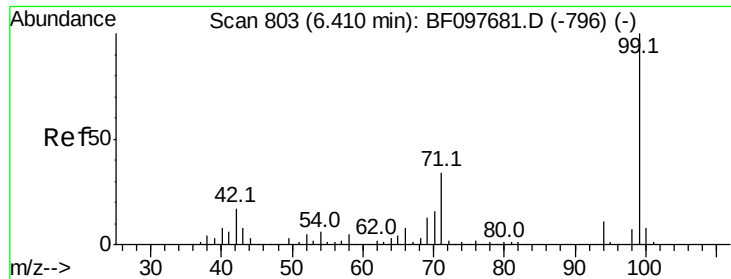
2-Fluorophenol
Concen: 112.412 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097951.D
Acq: 22 Aug 2017 13:09

Tgt Ion:112 Resp: 730832
Ion Ratio Lower Upper
112 100
64 59.9 46.0 69.0
63 30.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.314 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097951.D

Acq: 22 Aug 2017 13:09

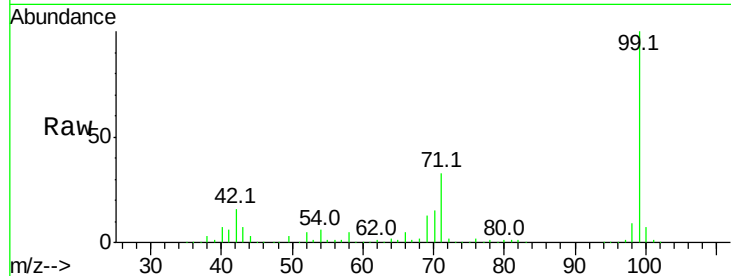
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1142301

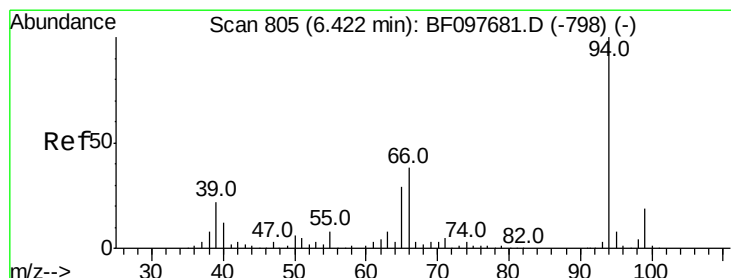
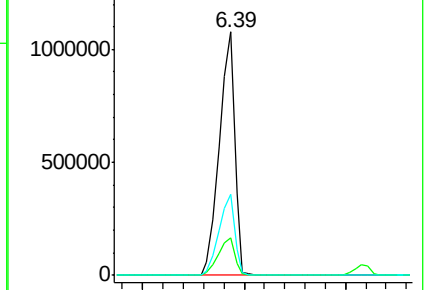
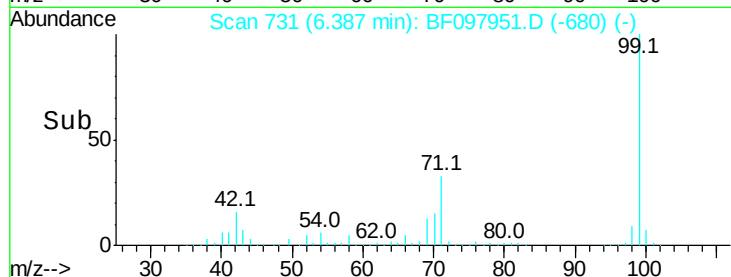
Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	33.3	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.757 ng

RT: 6.39 min Scan# 732

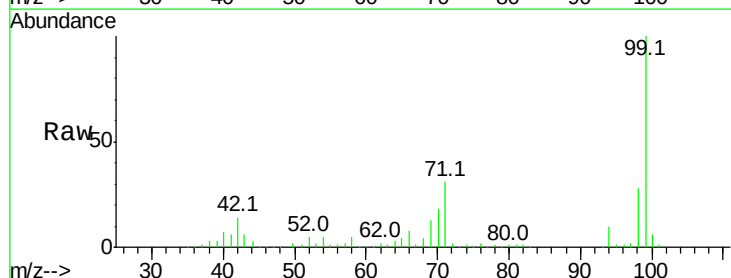
Delta R.T. -0.01 min

Lab File: BF097951.D

Acq: 22 Aug 2017 13:09

Tgt Ion: 94 Resp: 28483

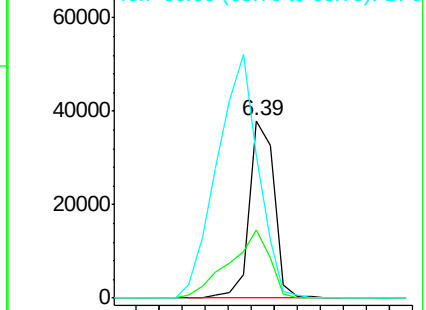
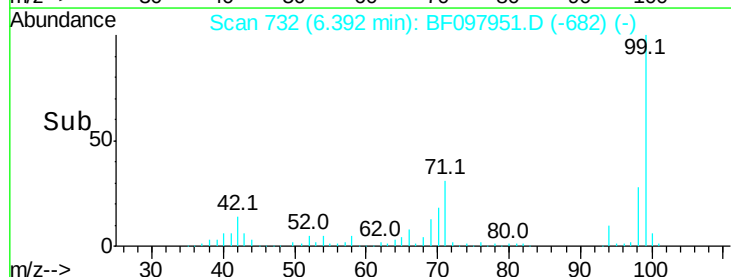
Ion	Ratio	Lower	Upper
94	100		
65	38.7	9.9	49.9
66	80.0	23.1	63.1

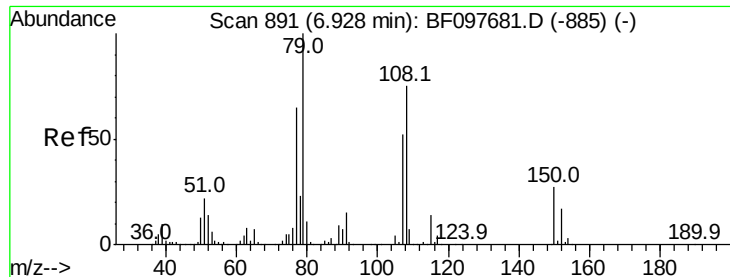


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.059 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF097951.D

Acq: 22 Aug 2017 13:09

Instrument :

BNA_F

ClientSampled :

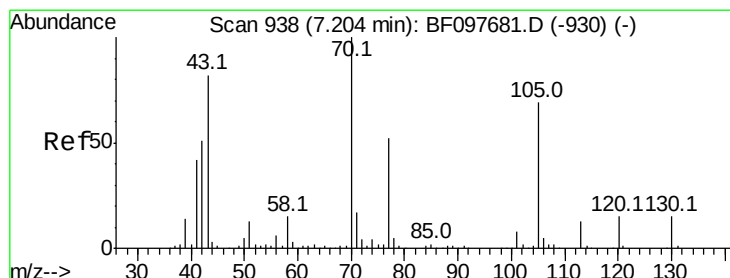
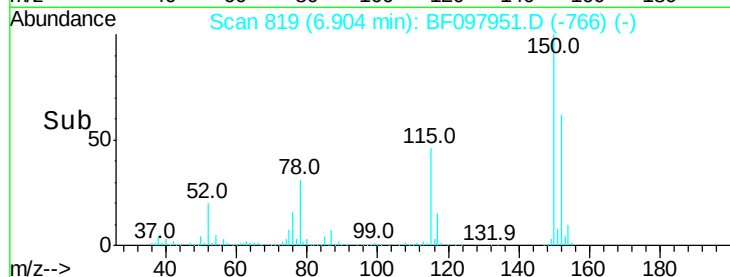
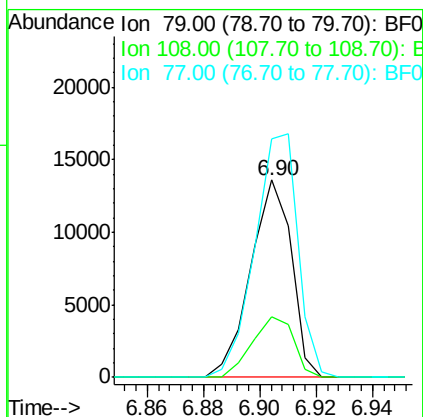
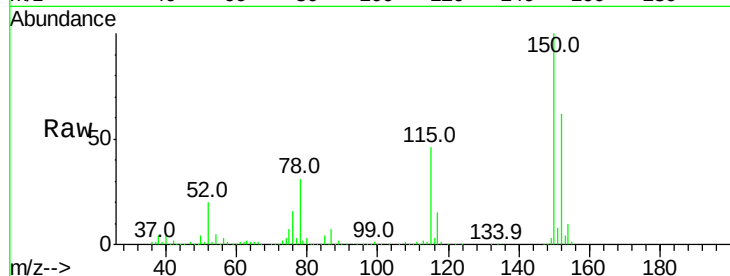
Tot Ion: 79 Resp: 13617

Ion Ratio Lower Upper

79 100

108 31.0 63.4 95.0#

77 120.7 49.2 73.8#



#19

n-Nitroso-di-n-propylamine

Concen: 16.239 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF097951.D

Acq: 22 Aug 2017 13:09

Tgt Ion: 70 Resp: 98200

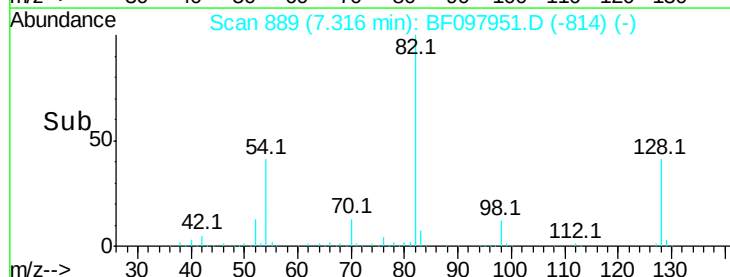
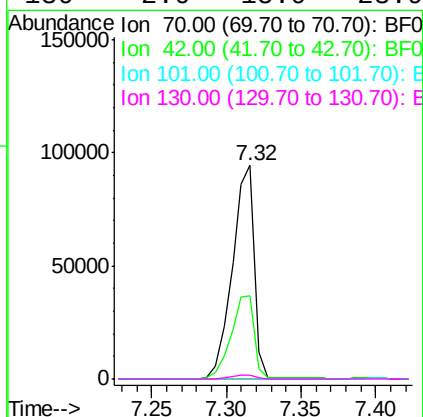
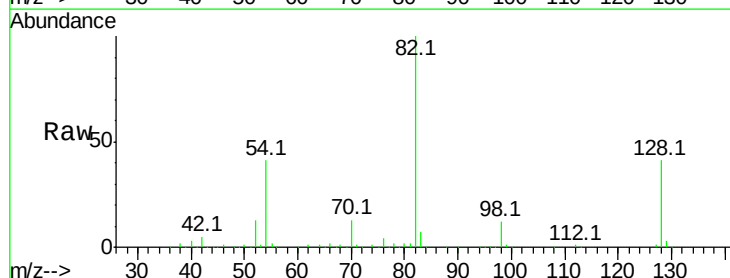
Ion Ratio Lower Upper

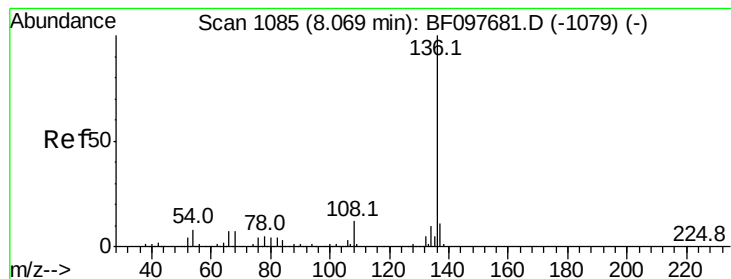
70 100

42 39.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF097951.D

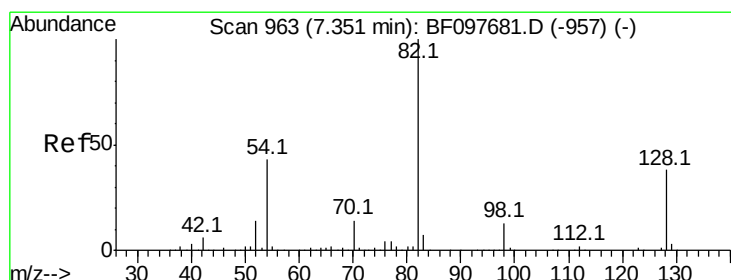
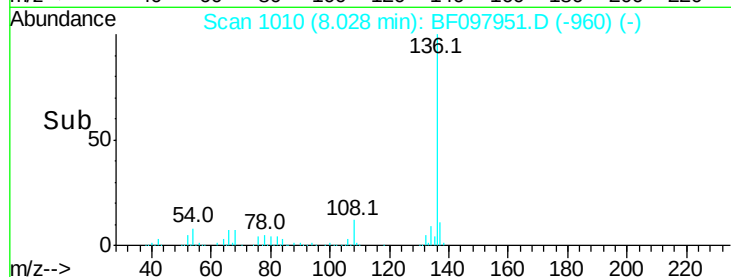
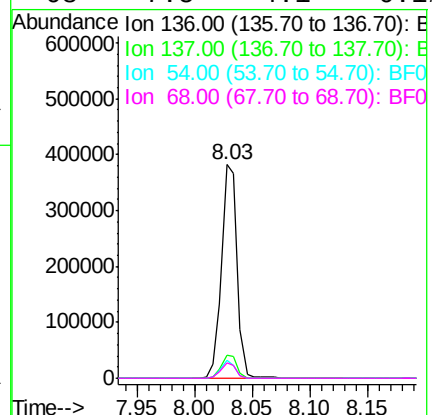
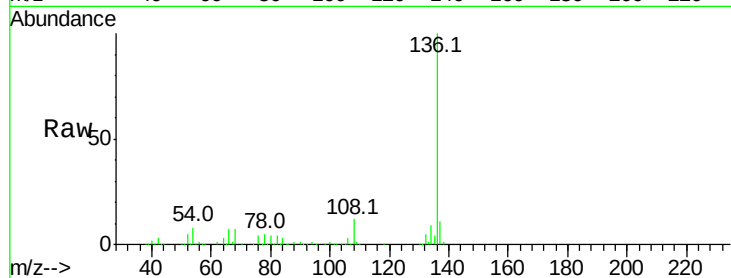
Acq: 22 Aug 2017 13:09

Instrument :

BNA_F

ClientSampled :

Tot Ion:	136	Resp:	358637
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.3	4.9	7.3#
68	7.5	4.1	6.1#



#23

Nitrobenzene-d5

Concen: 109.799 ng

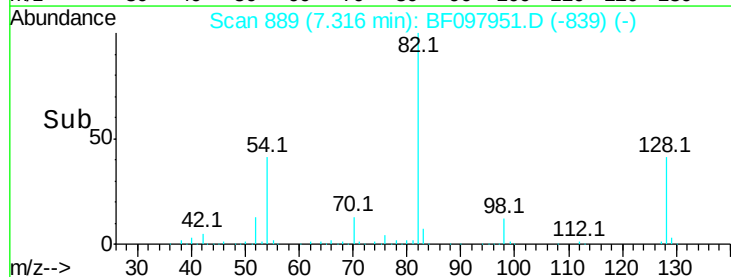
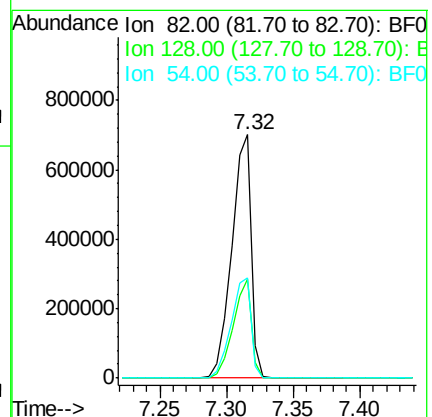
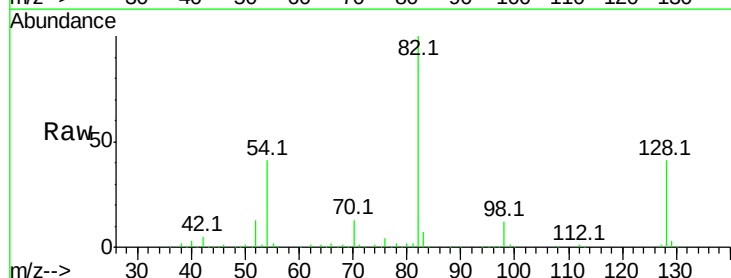
RT: 7.32 min Scan# 889

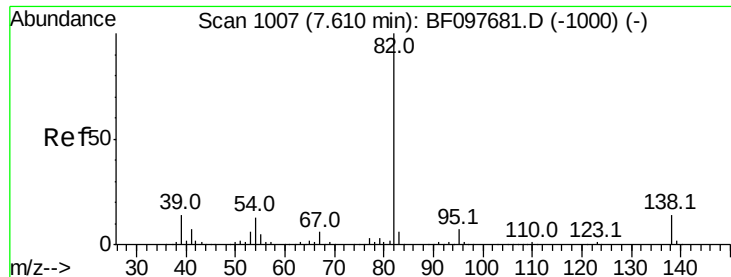
Delta R.T. -0.01 min

Lab File: BF097951.D

Acq: 22 Aug 2017 13:09

Tgt Ion:	82	Resp:	724867
Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.0	51.0
54	41.0	42.2	63.2#

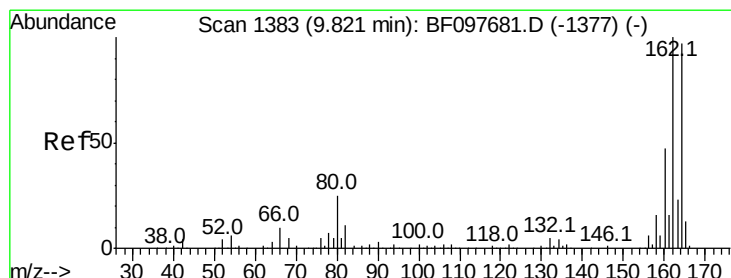
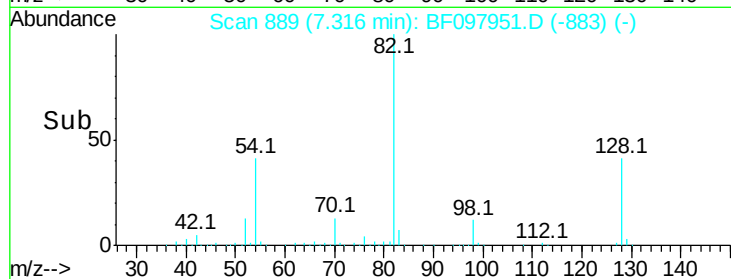
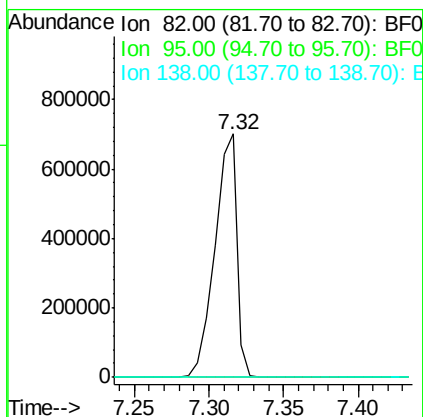
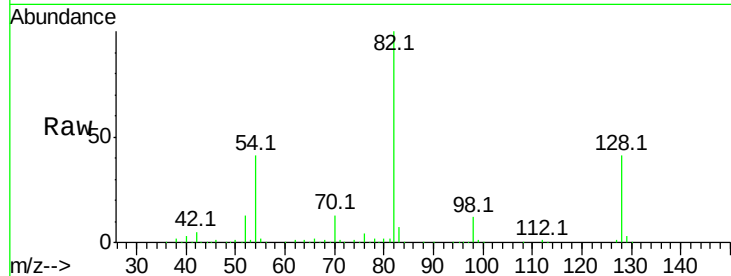




#25
Isophorone
Concen: 52.484 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF097951.D
Acq: 22 Aug 2017 13:09

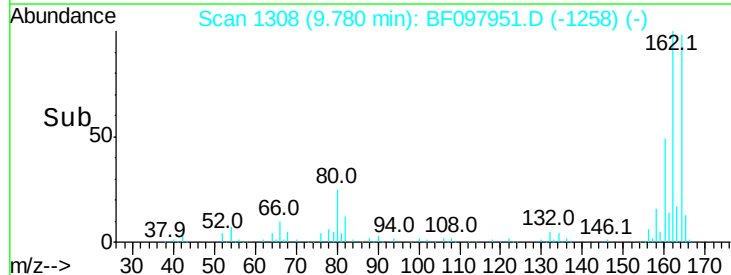
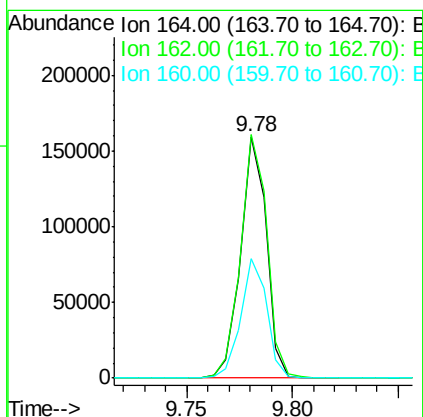
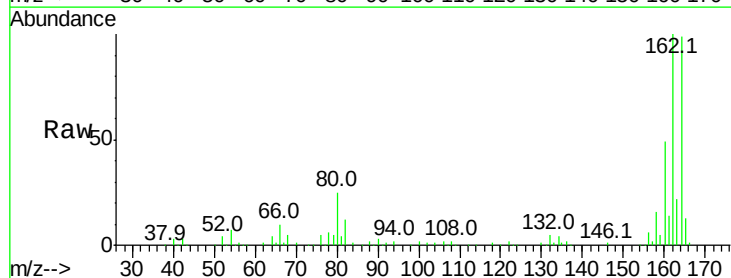
Instrument :
BNA_F
ClientSampleId :

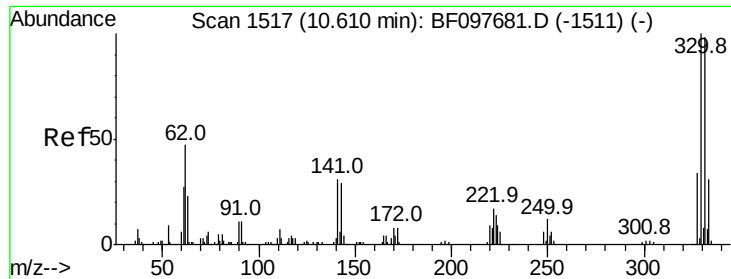
Tot Ion: 82 Resp: 720473
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097951.D
Acq: 22 Aug 2017 13:09

Tgt Ion:164 Resp: 134301
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 49.3 36.2 54.2

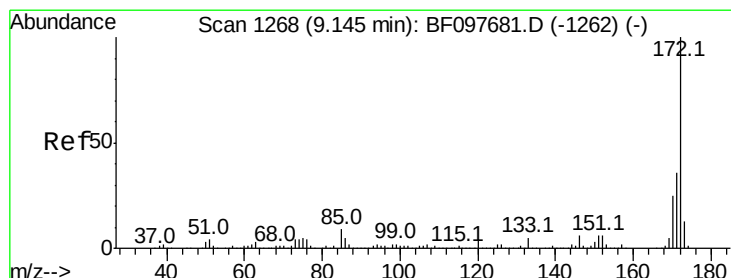
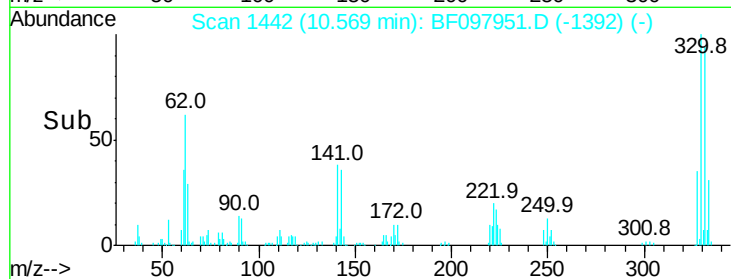
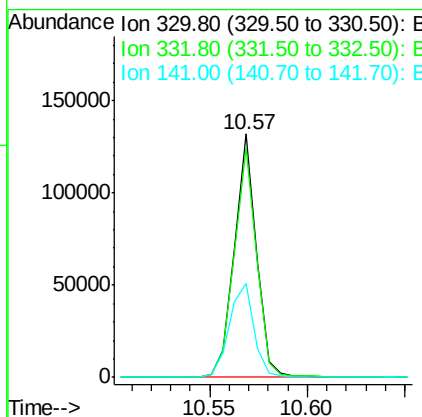
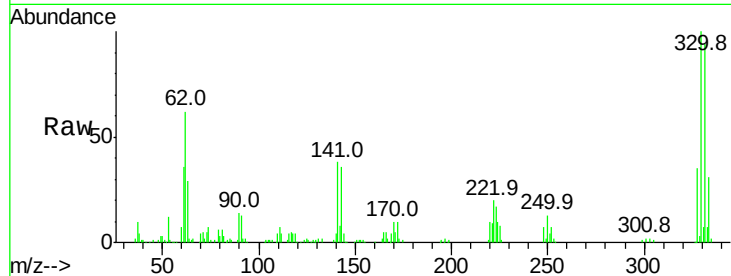




#41
 2,4,6-Tribromophenol
 Concen: 89.047 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097951.D
 Acq: 22 Aug 2017 13:09

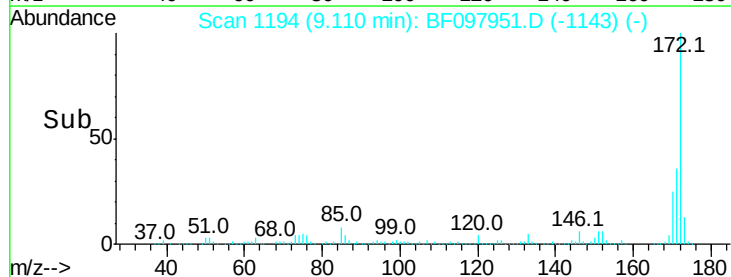
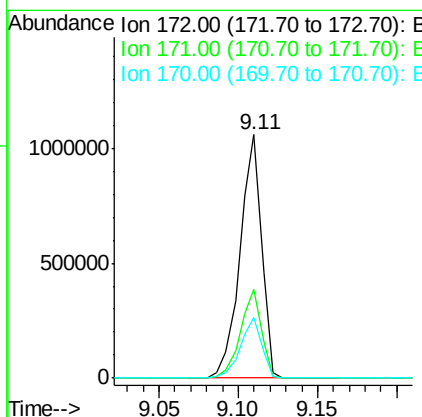
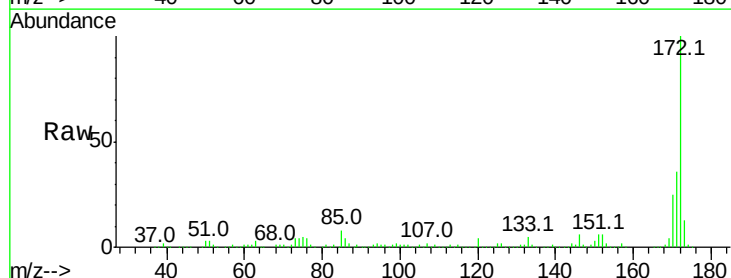
Instrument :
 BNA_F
 ClientSampleId :

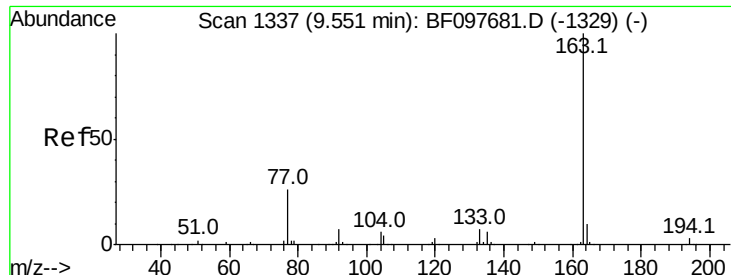
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	43.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 108.695 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097951.D
 Acq: 22 Aug 2017 13:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.7	19.8	29.8

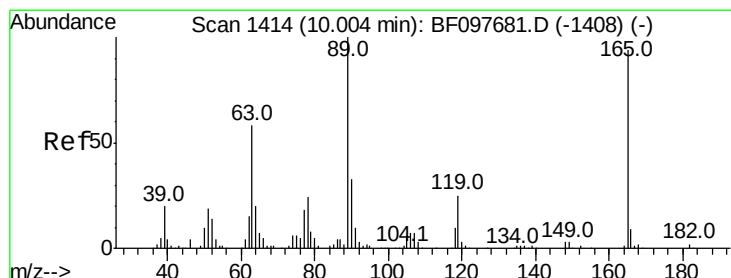
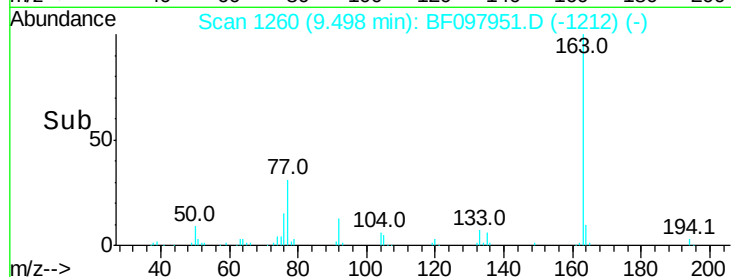
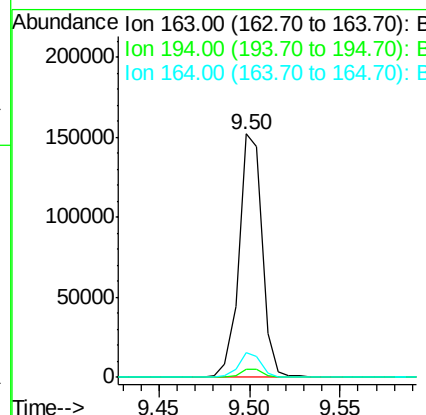
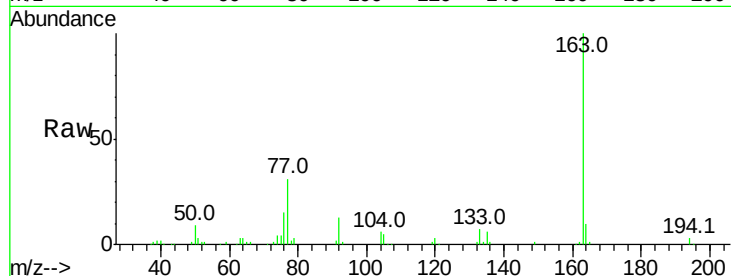




#49
Dimethylphthalate
Concen: 13.801 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097951.D
Acq: 22 Aug 2017 13:09

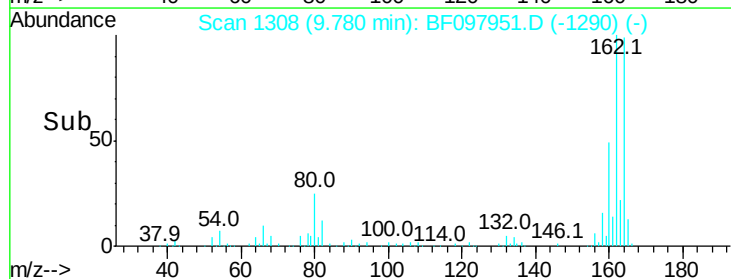
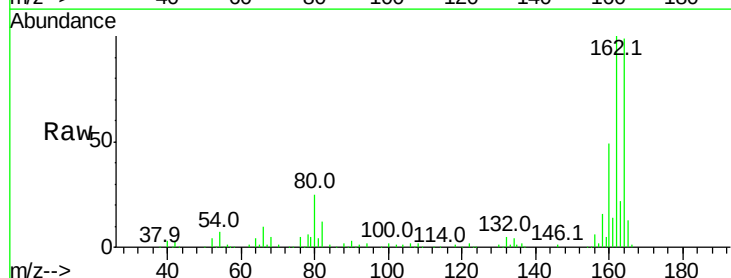
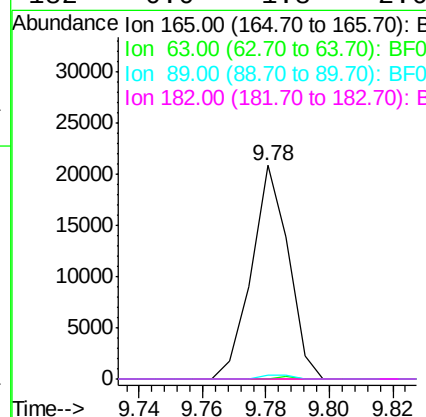
Instrument :
BNA_F
ClientSampleId :

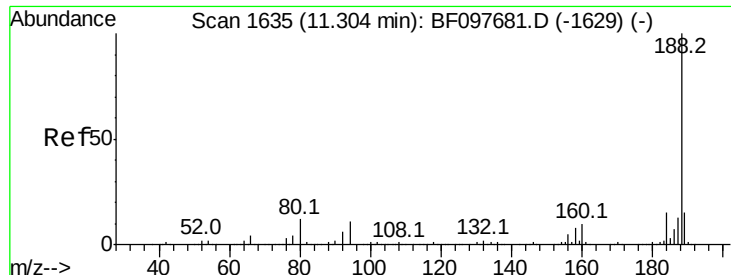
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.3	8.4	12.6



#56
2,4-Dinitrotoluene
Concen: 6.849 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.19 min
Lab File: BF097951.D
Acq: 22 Aug 2017 13:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

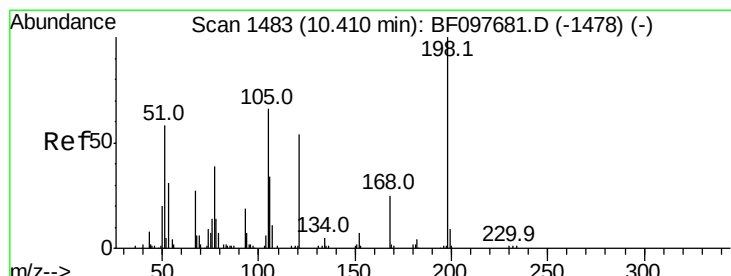
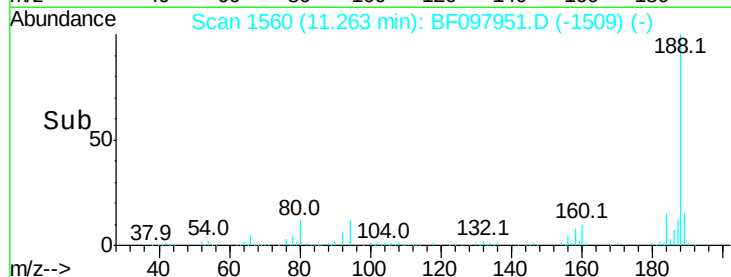
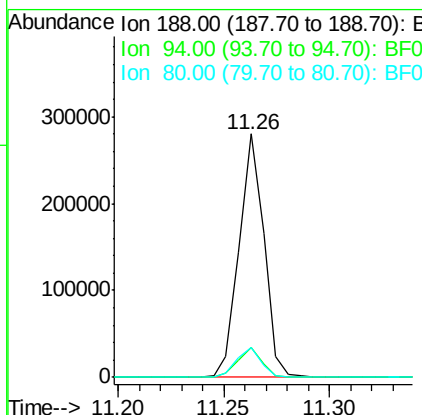
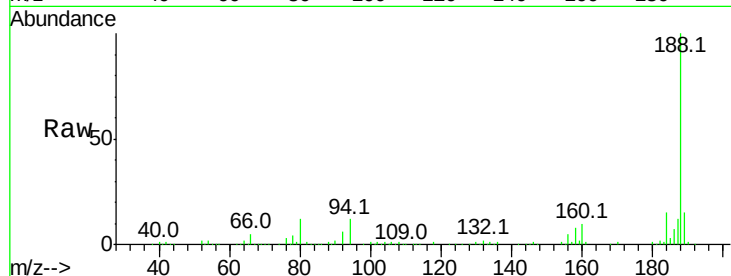




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF097951.D
 Acq: 22 Aug 2017 13:09

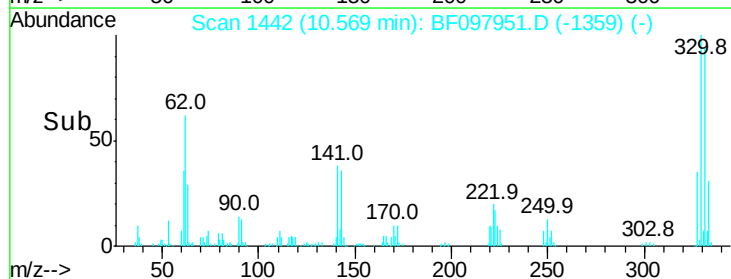
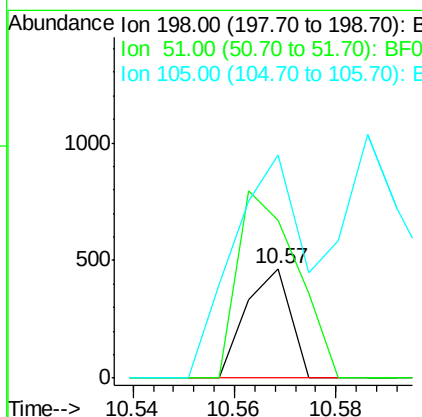
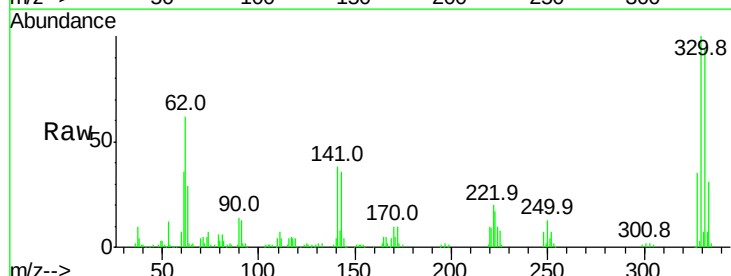
Instrument :
 BNA_F
 ClientSampleId :

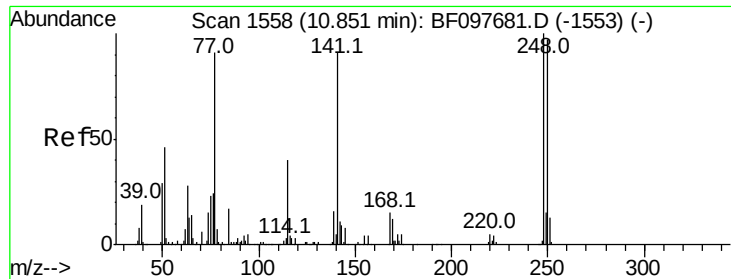
Tot Ion:188 Resp: 227520
 Ion Ratio Lower Upper
 188 100
 94 12.0 9.4 14.2
 80 12.3 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.538 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.19 min
 Lab File: BF097951.D
 Acq: 22 Aug 2017 13:09

Tgt Ion:198 Resp: 282
 Ion Ratio Lower Upper
 198 100
 51 144.1 53.2 93.2#
 105 203.6 45.8 85.8#

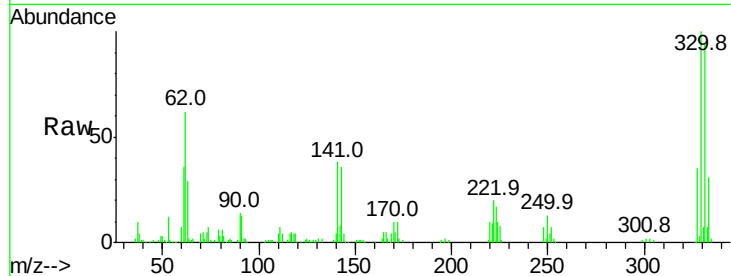




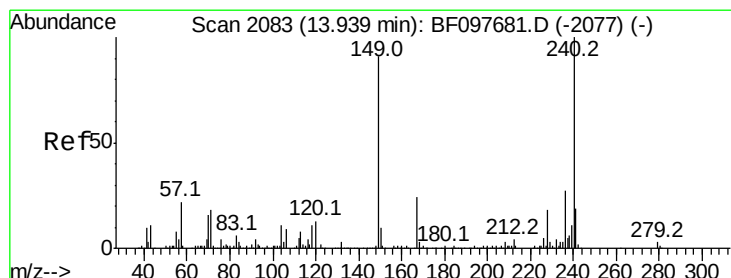
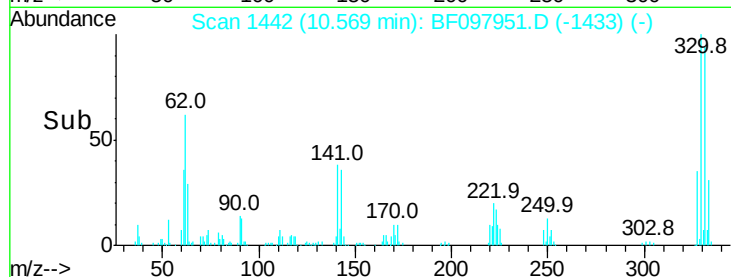
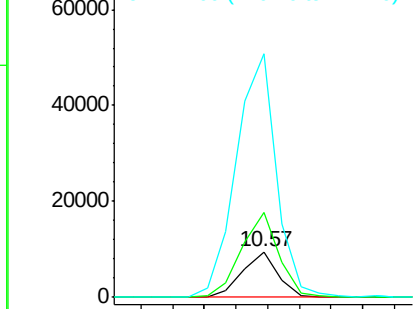
#66
 4-Bromophenyl-phenylether
 Concen: 3.127 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.25 min
 Lab File: BF097951.D
 Acq: 22 Aug 2017 13:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 7388
 Ion Ratio Lower Upper
 248 100
 250 185.6 76.8 115.2#
 141 531.9 68.6 103.0#

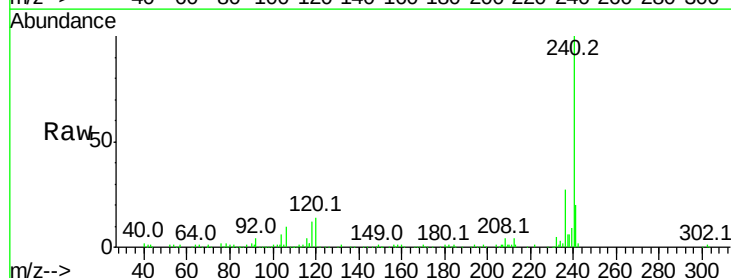


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

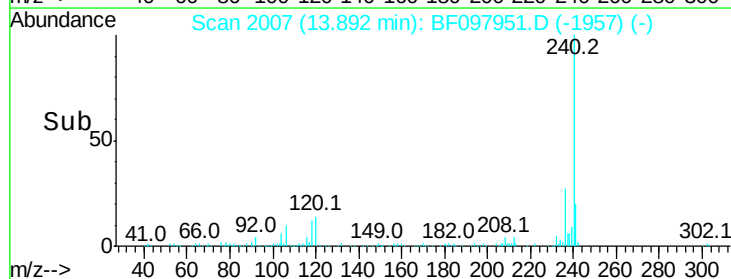
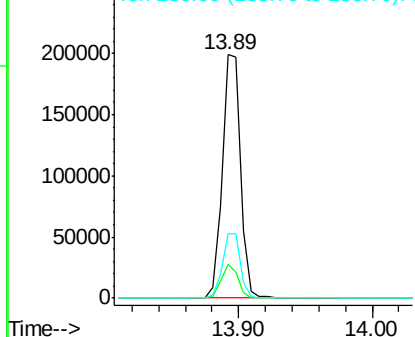


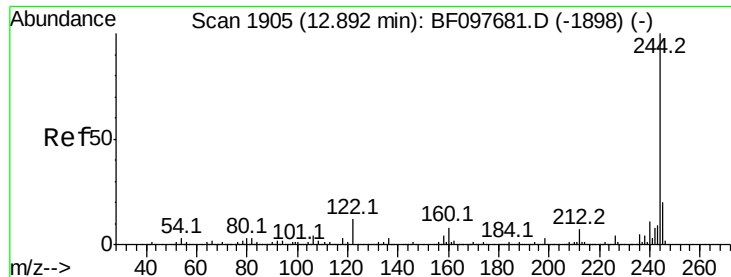
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF097951.D
 Acq: 22 Aug 2017 13:09

Tgt Ion:240 Resp: 192275
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.8 8.8#
 236 26.6 20.5 30.7



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: 81.146 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097951.D

Acq: 22 Aug 2017 13:09

Instrument :

BNA_F

ClientSampled :

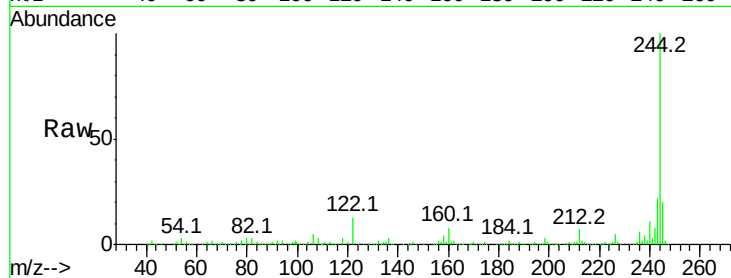
Tot Ion:244 Resp: 748193

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

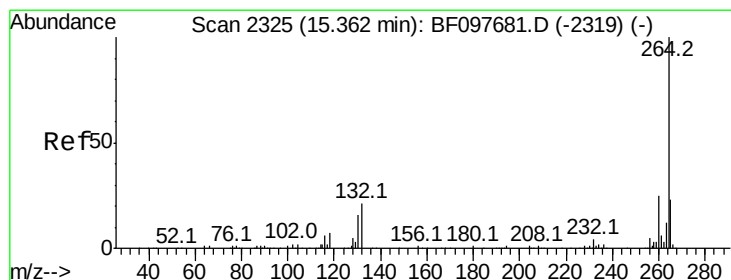
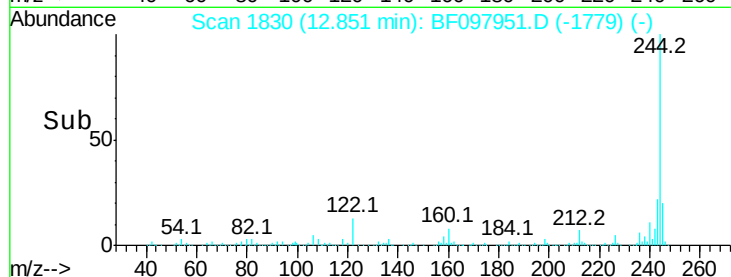
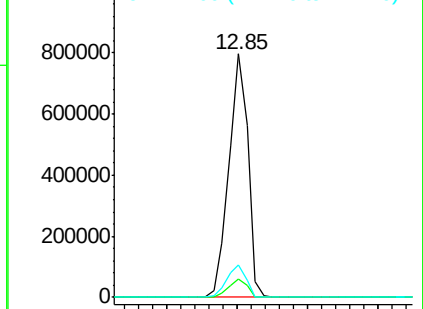
122 13.5 10.3 15.5



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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF097951.D

Acq: 22 Aug 2017 13:09

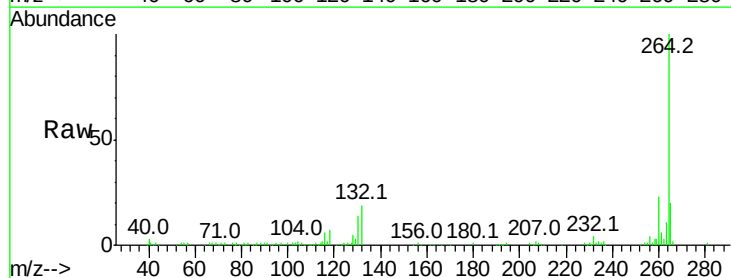
Tgt Ion:264 Resp: 126232

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 20.0 17.2 25.8



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

