

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083091.D
 Acq On : 20 Nov 2015 20:30
 Operator : UM/IZ
 Sample : G4452-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 22:35:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

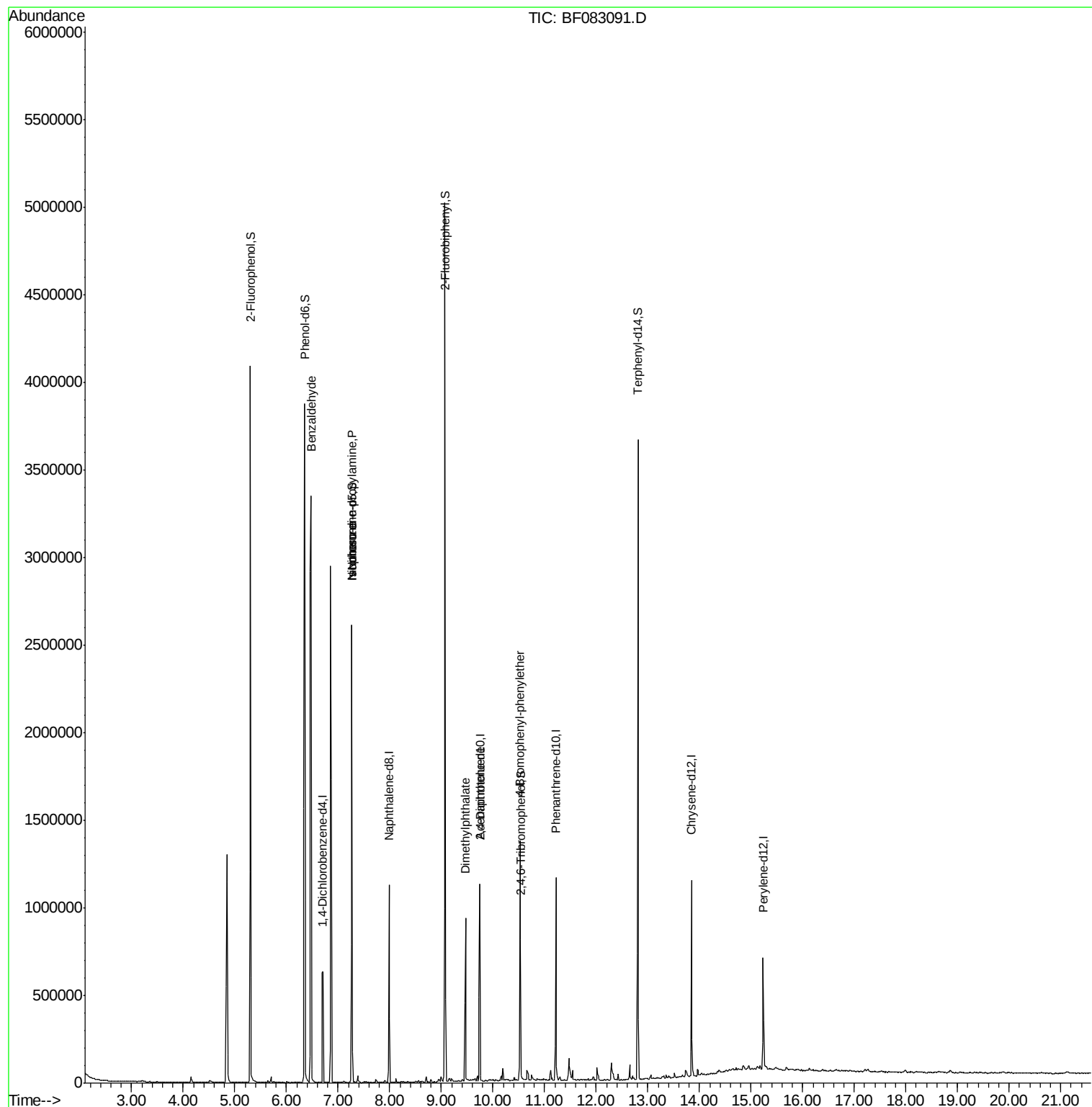
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	143613	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	507392	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	243100	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	396714	20.00	ng	0.00
75) Chrysene-d12	13.85	240	367926	20.00	ng	-0.01
86) Perylene-d12	15.23	264	289541	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1106540	119.67	ng	0.01
7) Phenol-d6	6.35	99	1454387	119.43	ng	0.00
23) Nitrobenzene-d5	7.26	82	876583	79.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	188938	73.20	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1440623	79.81	ng	-0.01
78) Terphenyl-d14	12.81	244	1049344	67.33	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	32460	3.59	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	121044	13.60	ng	# 77
25) Isophorone	7.26	82	679607	32.51	ng	# 69
49) Dimethylphthalate	9.47	163	437917	21.89	ng	98
56) 2,4-Dinitrotoluene	9.74	165	31690	5.49	ng	# 19
66) 4-Bromophenyl-phenylether	10.52	248	12293	2.68	ng	# 1

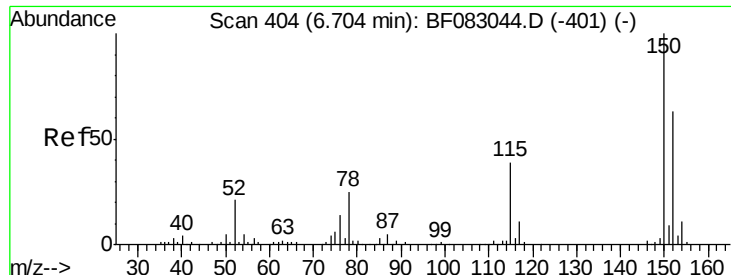
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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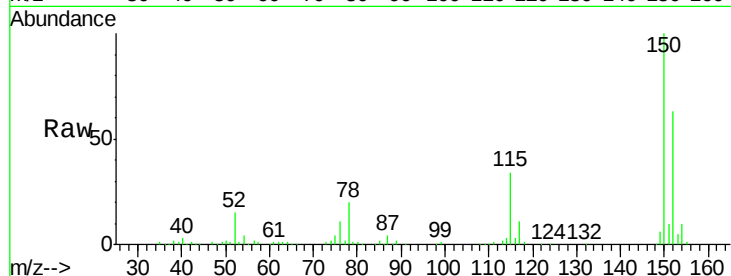


#1

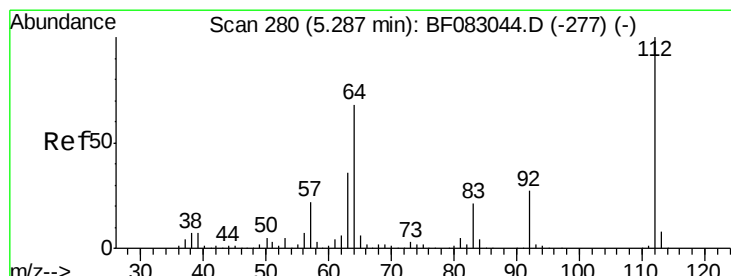
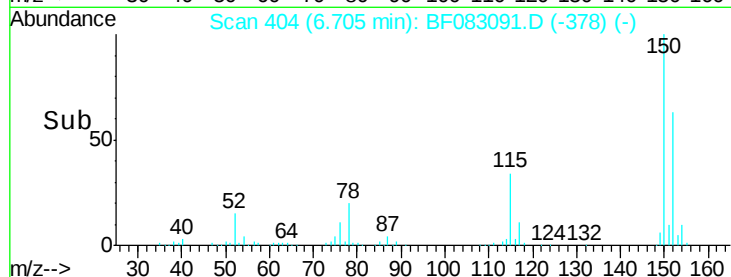
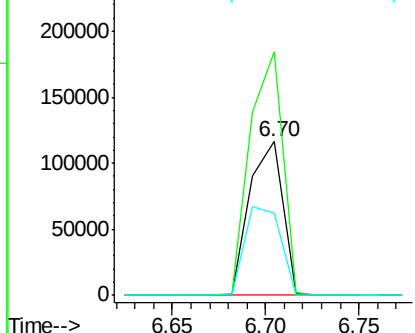
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083091.D
Acq: 20 Nov 2015 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143613
Ion Ratio Lower Upper
152 100
150 158.4 126.4 189.6
115 53.7 49.0 73.6



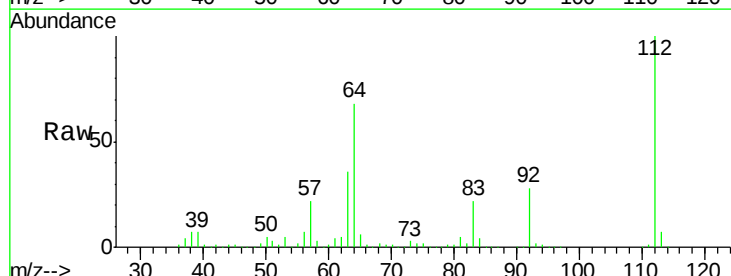
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



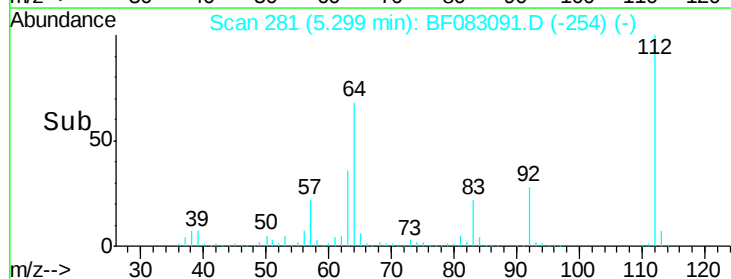
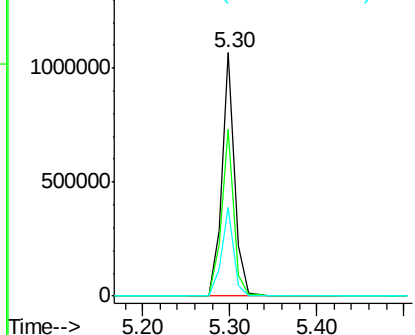
#5

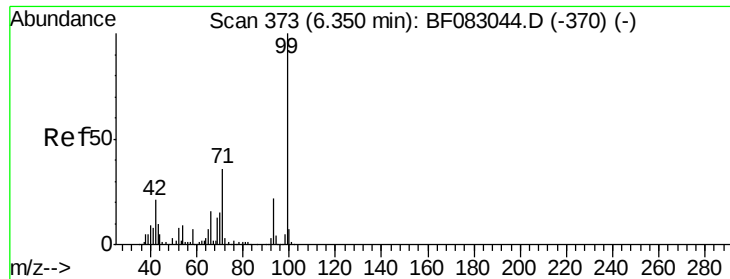
2-Fluorophenol
Concen: 119.67 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF083091.D
Acq: 20 Nov 2015 20:30

Tgt Ion:112 Resp: 1106540
Ion Ratio Lower Upper
112 100
64 68.5 54.8 82.2
63 36.3 29.0 43.4



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: 119.43 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083091.D

Acq: 20 Nov 2015 20:30

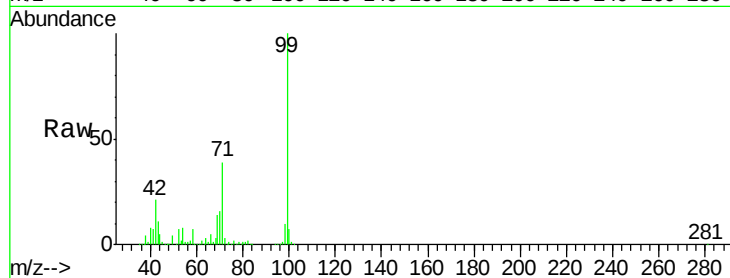
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1454387

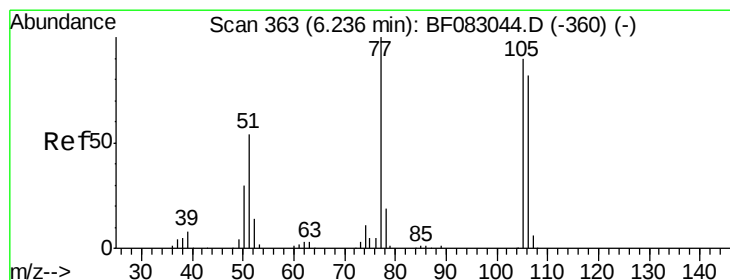
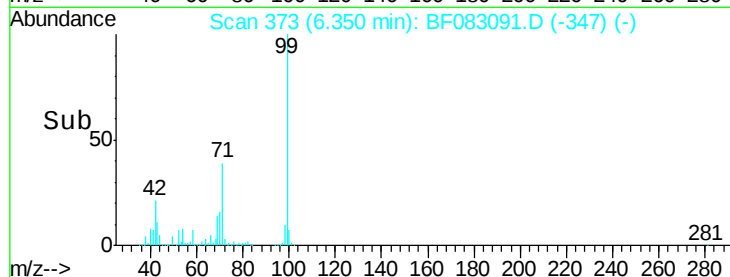
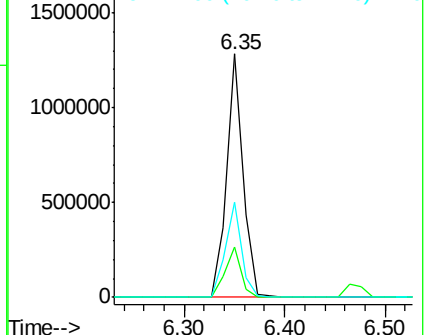
Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.6	25.0
71	38.9	29.2	43.8



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



#9

Benzaldehyde

Concen: 3.59 ng

RT: 6.48 min Scan# 384

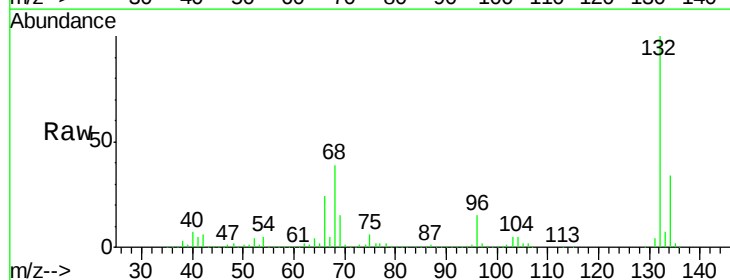
Delta R.T. 0.24 min

Lab File: BF083091.D

Acq: 20 Nov 2015 20:30

Tgt Ion: 77 Resp: 32460

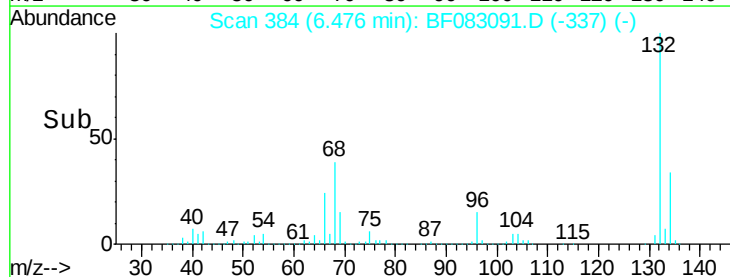
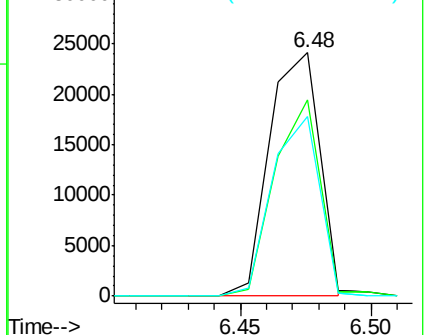
Ion	Ratio	Lower	Upper
77	100		
105	80.8	69.6	109.6
106	74.0	62.0	102.0

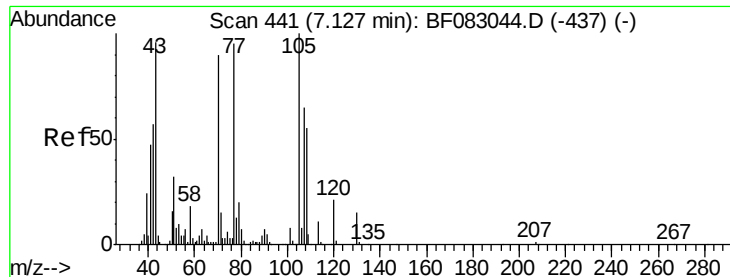


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

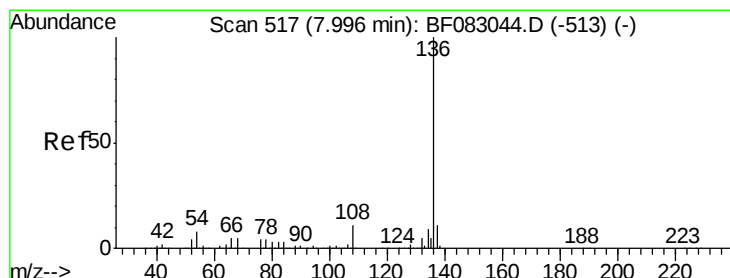
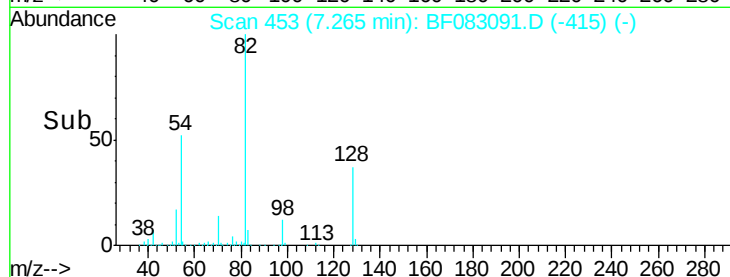
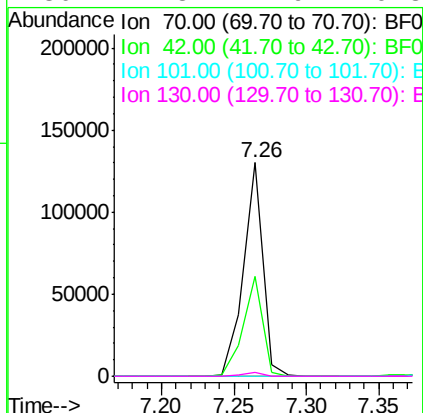
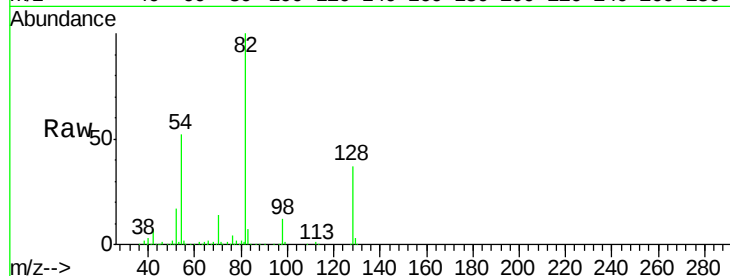




#19
n-Nitroso-di-n-propylamine
Concen: 13.60 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF083091.D
Acq: 20 Nov 2015 20:30

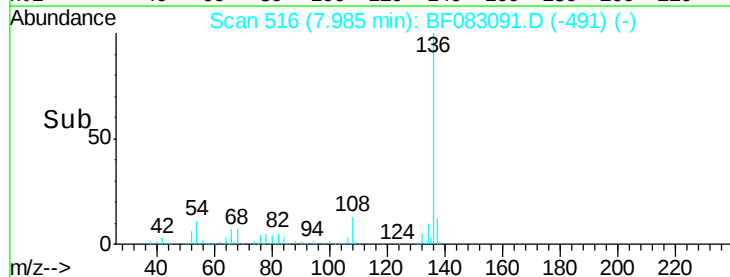
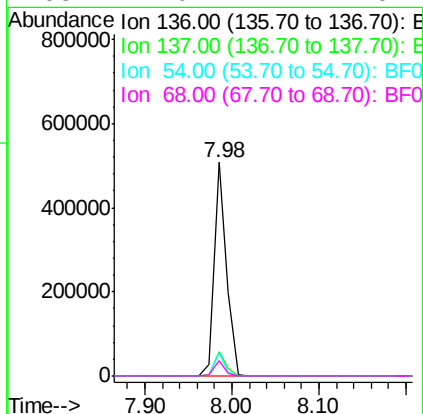
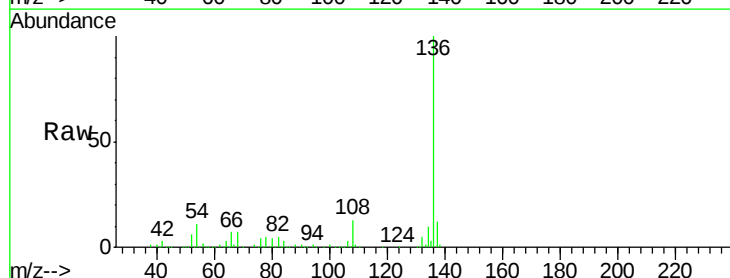
Instrument :
BNA_F
ClientSampleId :

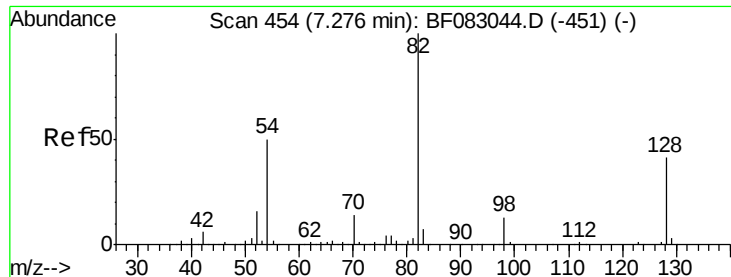
Tot Ion: 70 Resp: 121044
Ion Ratio Lower Upper
70 100
42 46.7 50.2 75.2#
101 0.0 6.8 10.2#
130 1.8 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083091.D
Acq: 20 Nov 2015 20:30

Tgt Ion: 136 Resp: 507392
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 10.8 6.2 9.2#
68 7.0 4.2 6.2#

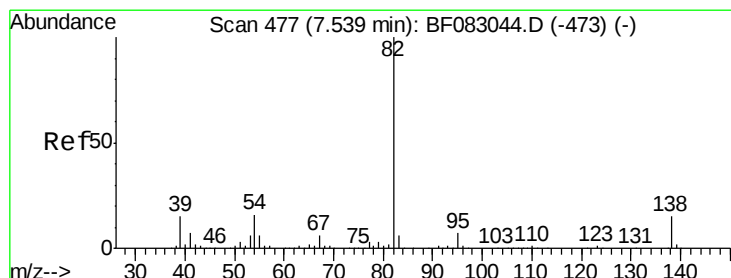
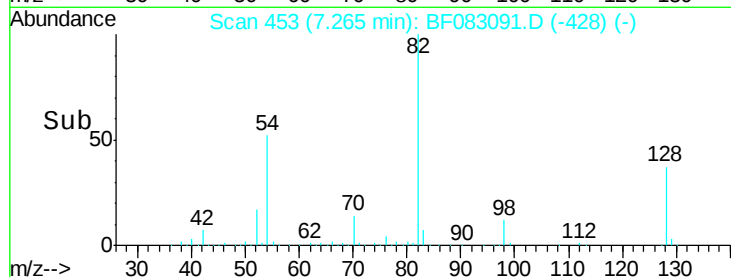
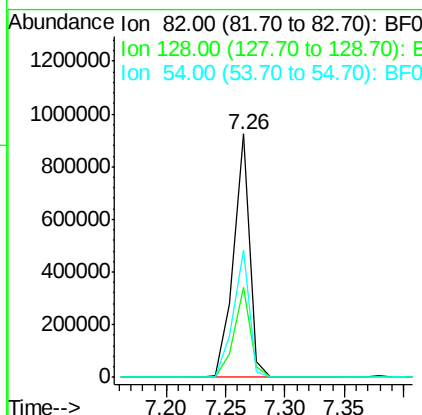
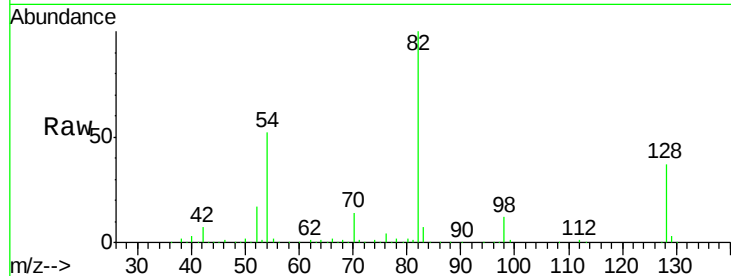




#23
 Nitrobenzene-d5
 Concen: 79.09 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083091.D
 Acq: 20 Nov 2015 20:30

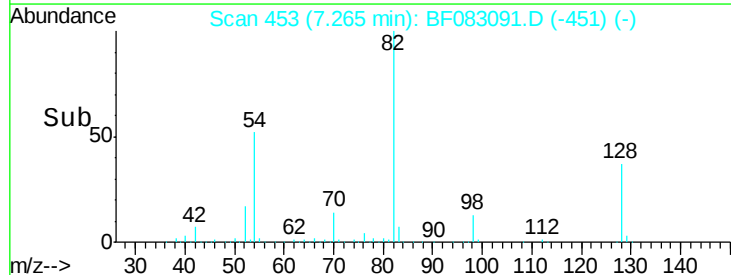
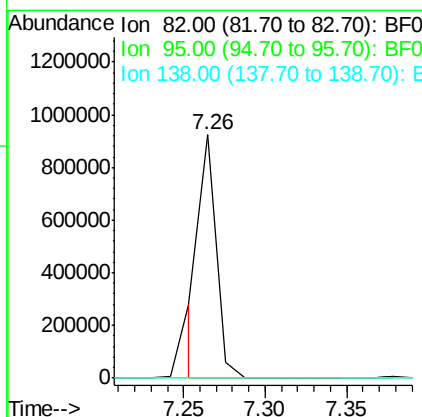
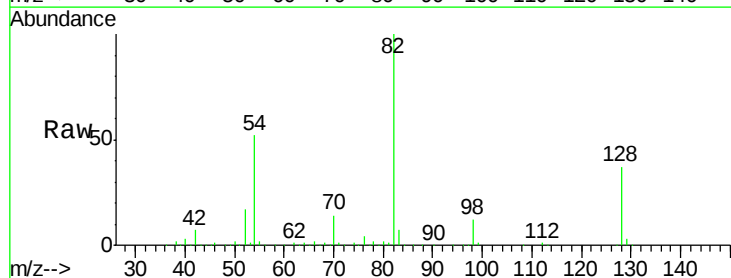
Instrument :
 BNA_F
 ClientSampleID :

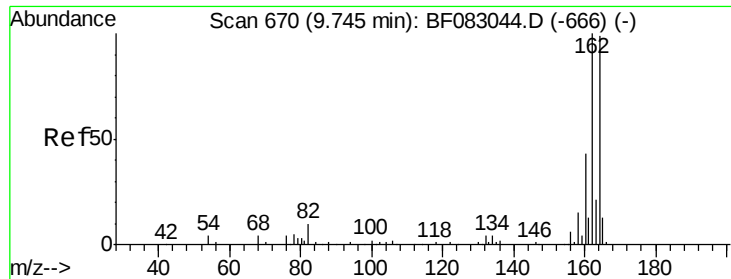
Tot Ion	82	Resp	876583
Ion Ratio	100	Lower	Upper
128	37.1	33.1	49.7
54	52.2	39.8	59.6



#25
 Isophorone
 Concen: 32.51 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.27 min
 Lab File: BF083091.D
 Acq: 20 Nov 2015 20:30

Tgt Ion	82	Resp	679607
Ion Ratio	100	Lower	Upper
95	0.0	5.7	8.5#
138	0.0	12.2	18.4#

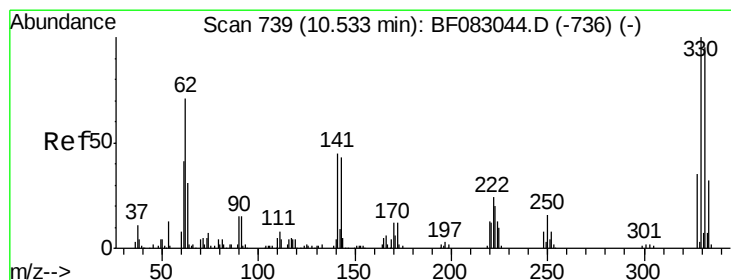
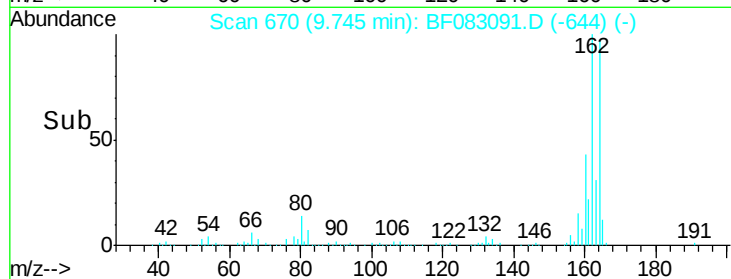
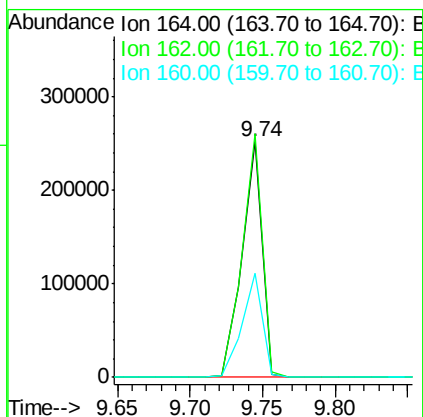
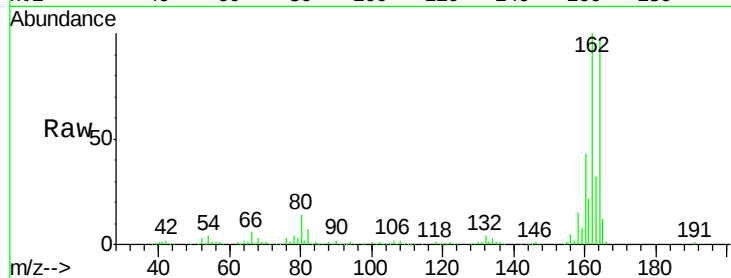




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083091.D
Acq: 20 Nov 2015 20:30

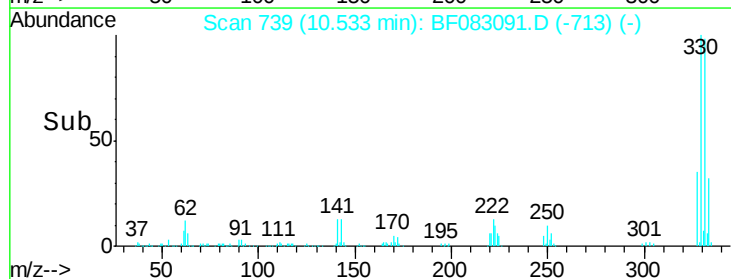
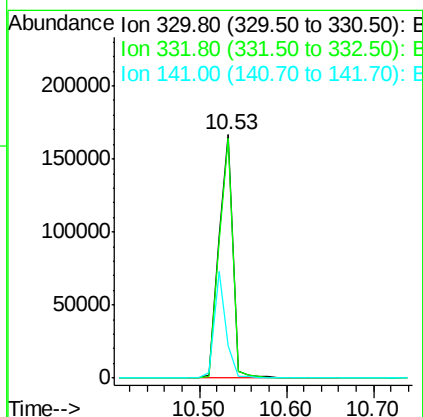
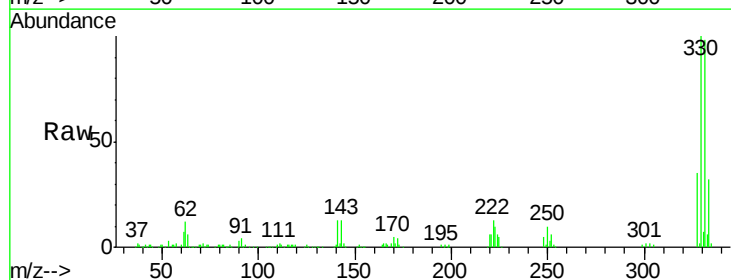
Instrument :
BNA_F
ClientSampleId :

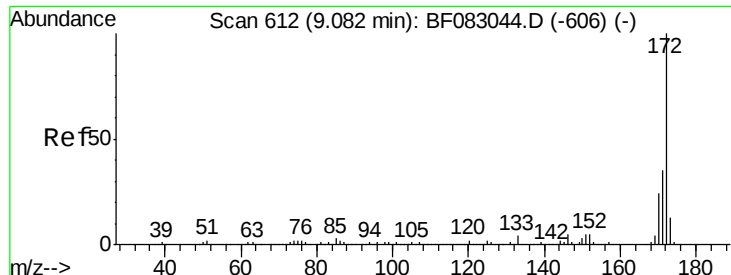
Tot Ion:164 Resp: 243100
Ion Ratio Lower Upper
164 100
162 103.4 80.5 120.7
160 44.3 35.0 52.4



#41
2,4,6-Tribromophenol
Concen: 73.20 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083091.D
Acq: 20 Nov 2015 20:30

Tgt Ion:330 Resp: 188938
Ion Ratio Lower Upper
330 100
332 97.7 77.6 116.4
141 36.9 34.6 52.0

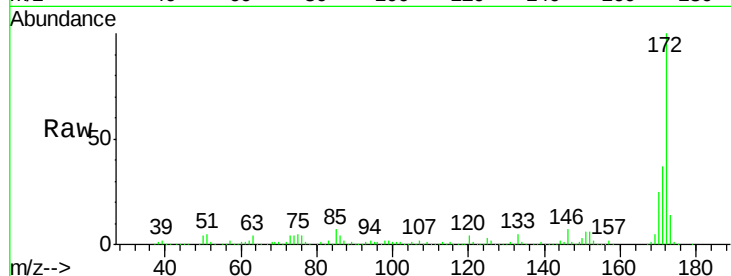




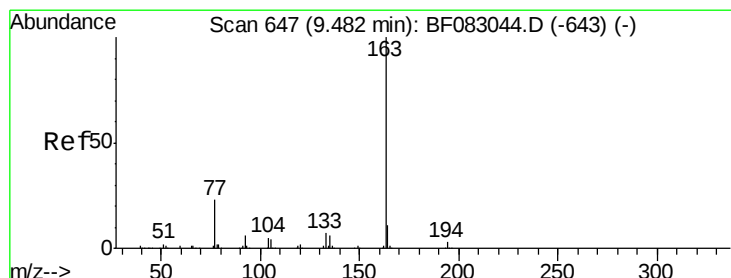
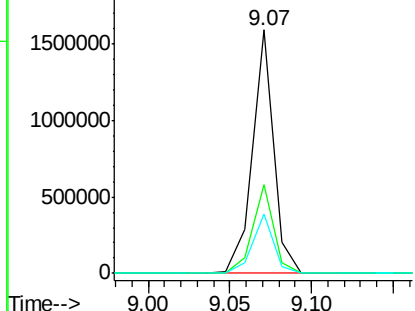
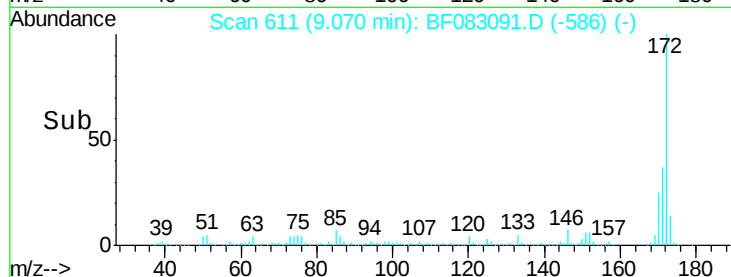
#44
2-Fluorobiphenyl
Concen: 79.81 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083091.D
Acq: 20 Nov 2015 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1440623
Ion Ratio Lower Upper
172 100
171 36.7 28.2 42.4
170 24.6 19.4 29.0

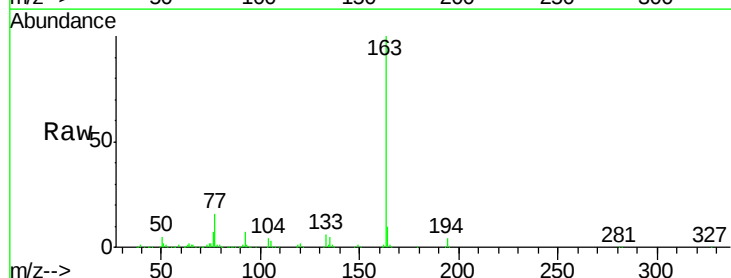


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

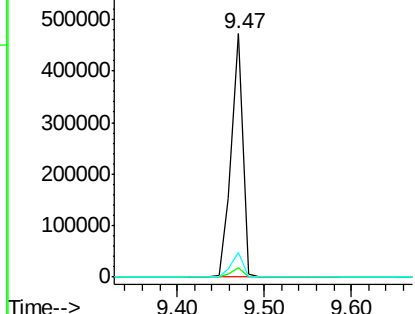
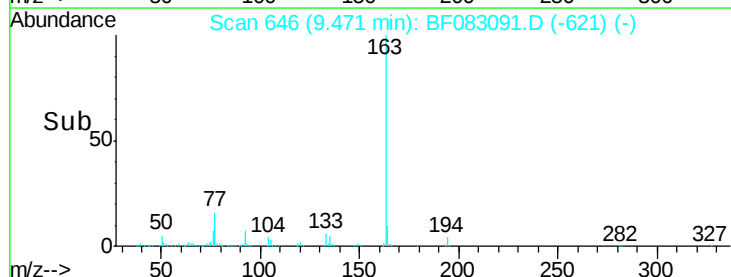


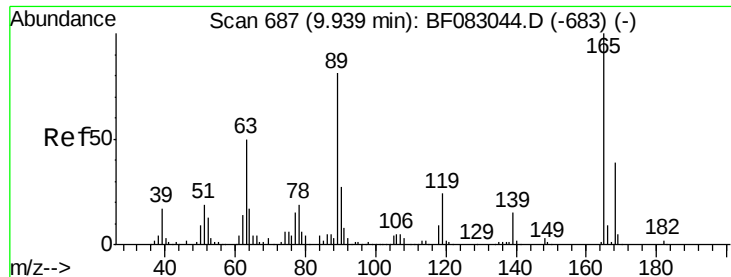
#49
Dimethylphthalate
Concen: 21.89 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083091.D
Acq: 20 Nov 2015 20:30

Tgt Ion:163 Resp: 437917
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.0 8.5 12.7



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

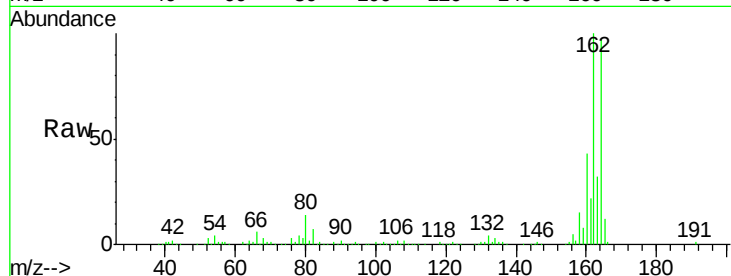




#56
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.19 min
Lab File: BF083091.D
Acq: 20 Nov 2015 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	31690
Ion Ratio	Lower	Upper
165	100	
63	1.1	40.6 61.0#
89	1.7	64.4 96.6#
182	0.0	1.6 2.4#

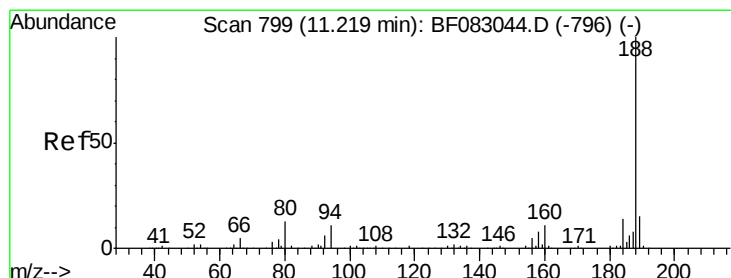
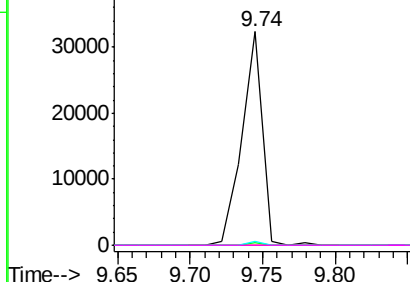
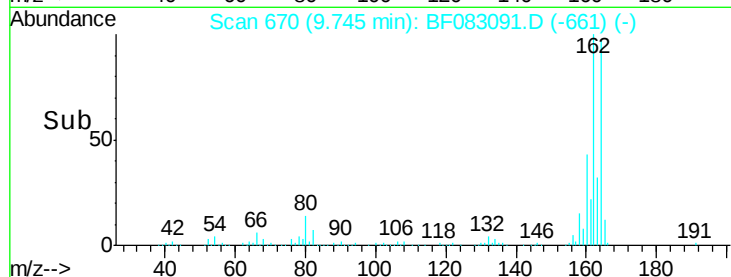


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

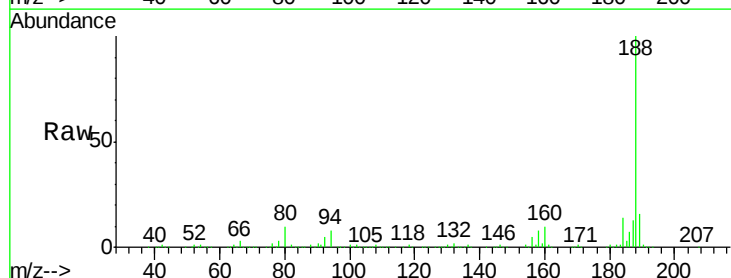
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083091.D
Acq: 20 Nov 2015 20:30

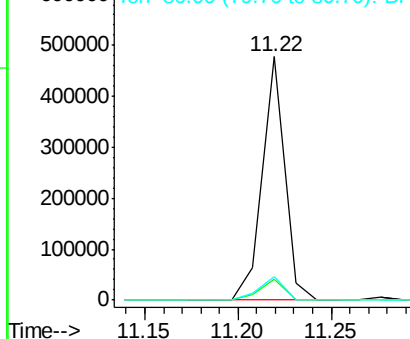
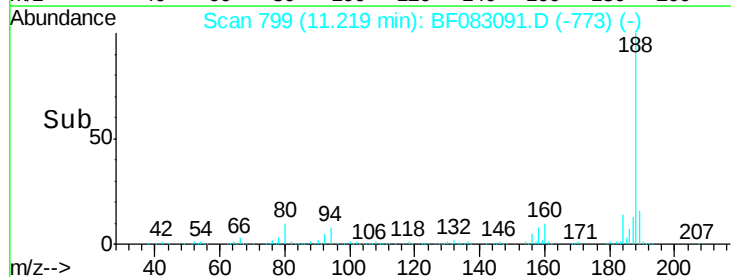
Tgt Ion:188	Resp:	396714
Ion Ratio	Lower	Upper
188	100	
94	8.4	9.0 13.4#
80	9.9	10.2 15.4#

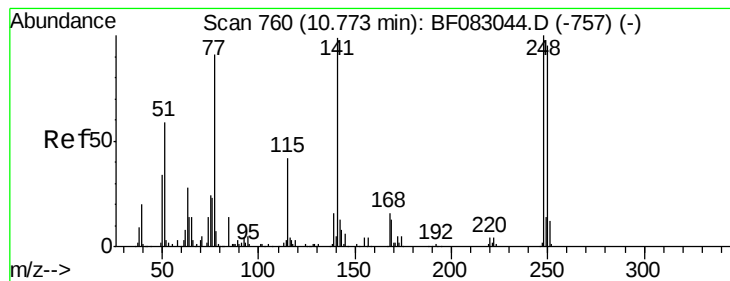


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.68 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.25 min

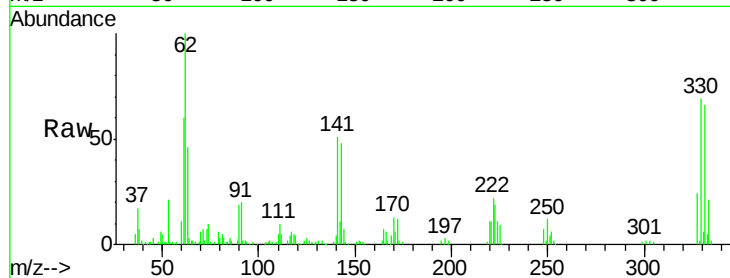
Lab File: BF083091.D

Acq: 20 Nov 2015 20:30

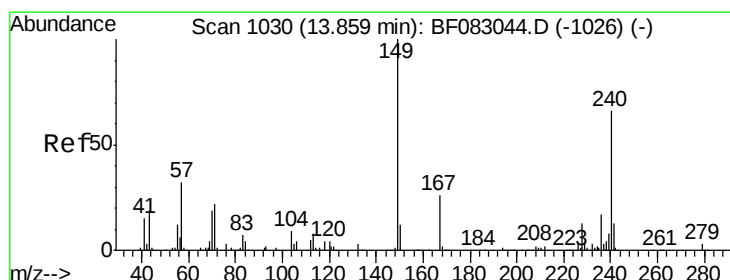
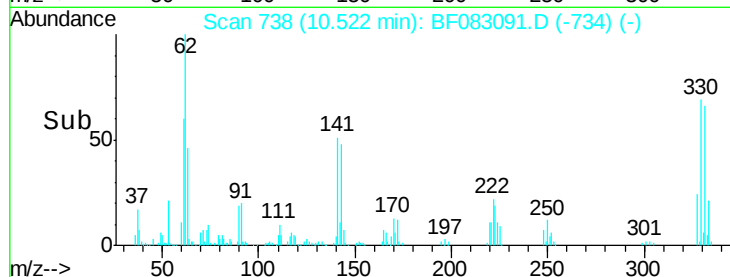
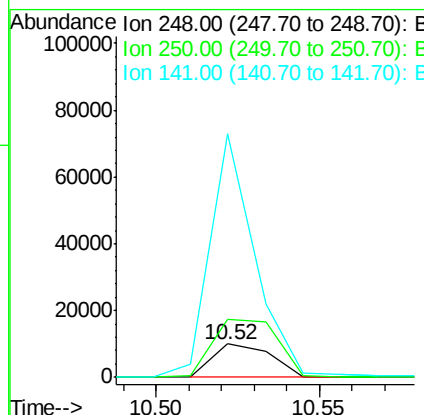
Instrument :

BNA_F

ClientSampled :



Tot Ion:	248	Resp:	12293
Ion	Ratio	Lower	Upper
248	100		
250	174.3	76.1	114.1#
141	727.9	79.2	118.8#



#75

Chrysene-d12

Concen: 20.00 ng

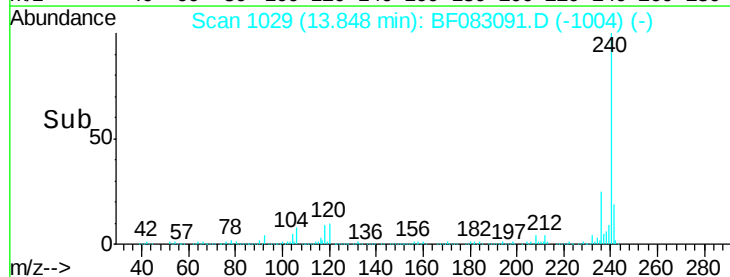
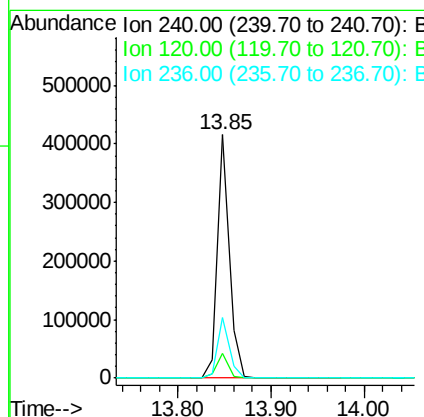
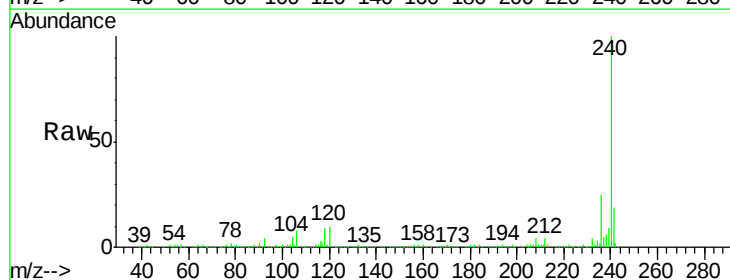
RT: 13.85 min Scan# 1029

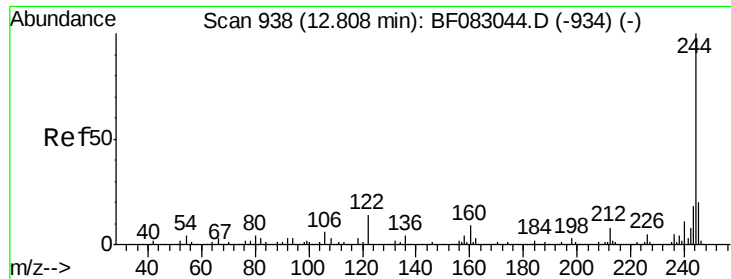
Delta R.T. -0.01 min

Lab File: BF083091.D

Acq: 20 Nov 2015 20:30

Tgt Ion:	240	Resp:	367926
Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.3	7.9#
236	25.1	20.4	30.6

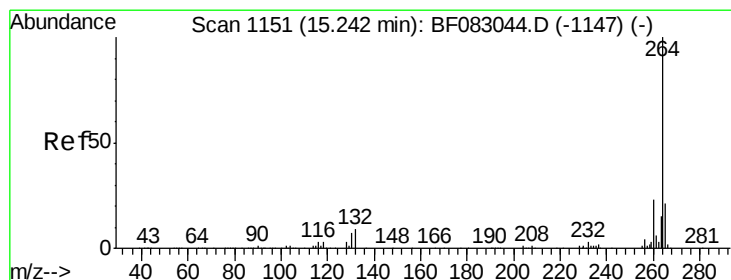
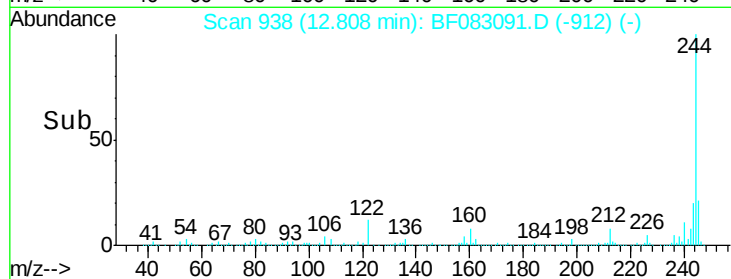
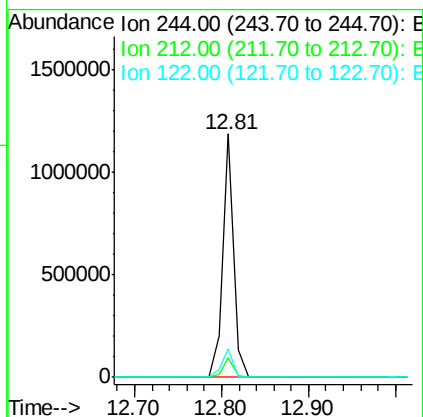
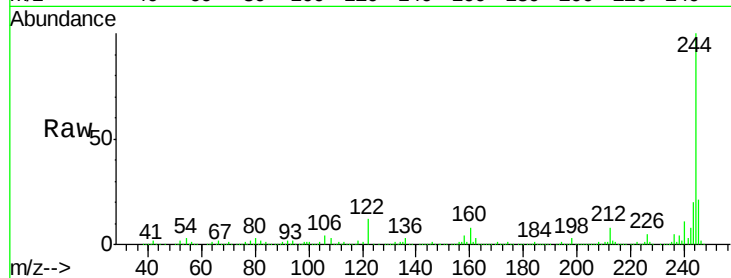




#78
 Terphenyl-d14
 Concen: 67.33 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083091.D
 Acq: 20 Nov 2015 20:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1049344
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 11.6 10.9 16.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083091.D
 Acq: 20 Nov 2015 20:30

Tgt Ion:264 Resp: 289541
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 22.8 17.0 25.6

