

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085366.D
 Acq On : 11 Mar 2016 6:59
 Operator : UM/SJ
 Sample : H1731-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 07:28:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 02:49:26 2016
 Response via : Initial Calibration

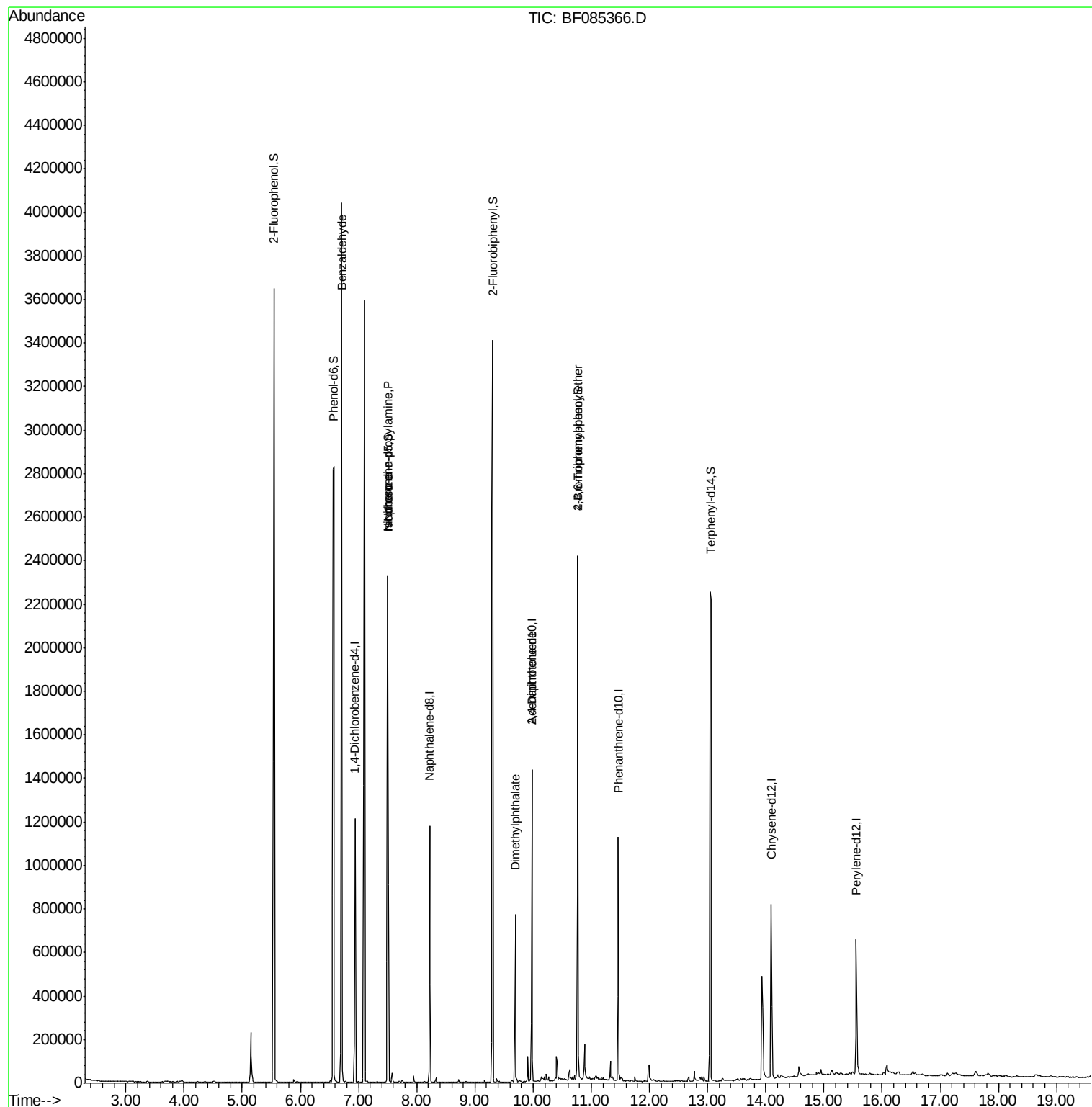
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	167628	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	572131	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	263854	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	422602	20.00	ng	0.00
75) Chrysene-d12	14.09	240	282510	20.00	ng	-0.01
86) Perylene-d12	15.56	264	280404	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1154748	115.55	ng	0.00
7) Phenol-d6	6.57	99	1751141	133.75	ng	0.00
23) Nitrobenzene-d5	7.50	82	921049	86.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	271168	120.11	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1461423	84.23	ng	0.00
78) Terphenyl-d14	13.05	244	1035266	85.07	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	30998	2.20	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.50	70	120928	14.17	ng	# 79
25) Isophorone	7.50	82	919097	46.39	ng	# 67
49) Dimethylphthalate	9.69	163	329601	16.27	ng	99
56) 2,4-Dinitrotoluene	9.98	165	33504	6.04	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	20392	4.97	ng	# 1

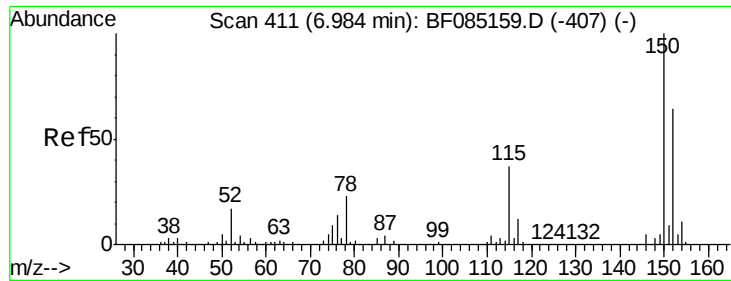
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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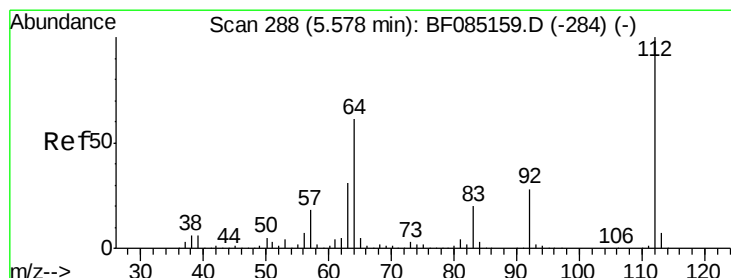
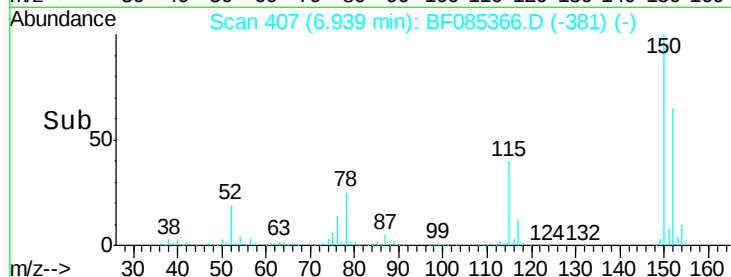
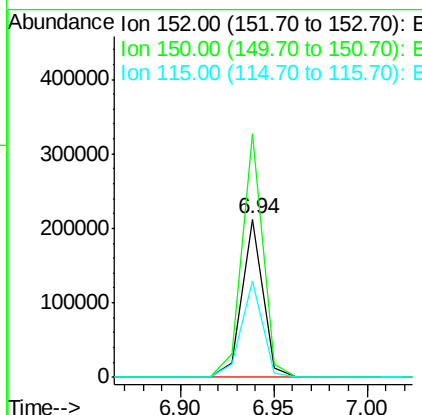
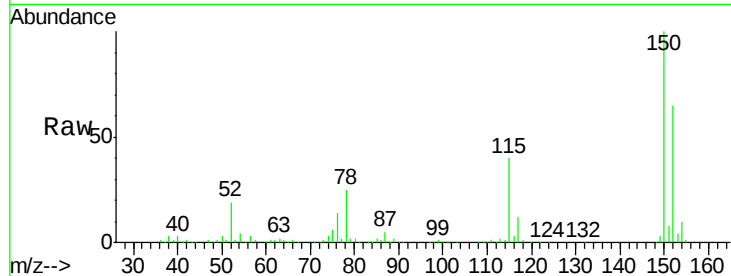


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF085366.D
Acq: 11 Mar 2016 6:59

Instrument :
BNA_F
ClientSampleId :

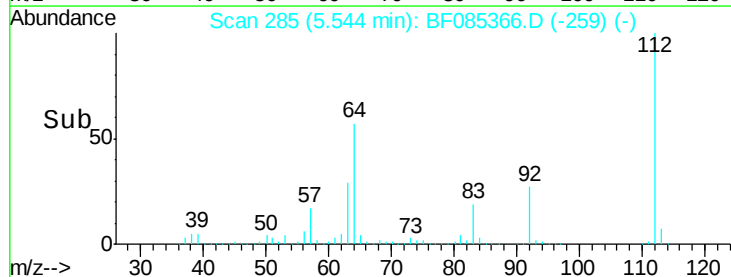
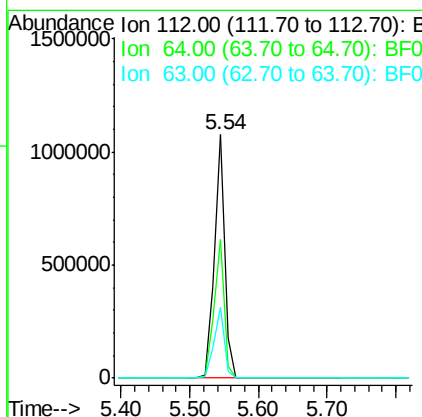
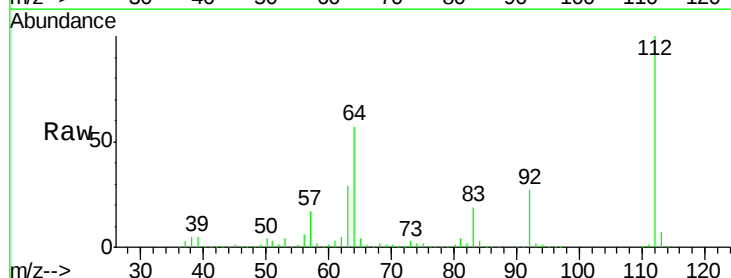
Tot Ion:152 Resp: 167628
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 61.2 46.6 70.0

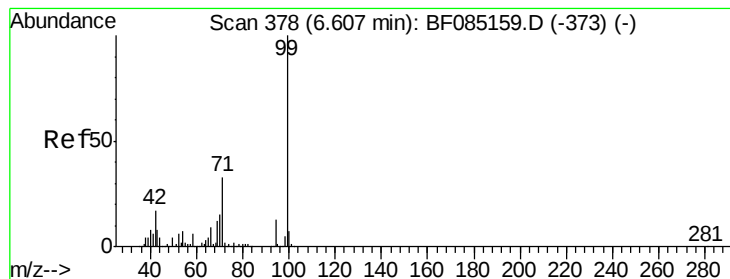


#5

2-Fluorophenol
Concen: 115.55 ng
RT: 5.54 min Scan# 285
Delta R.T. 0.00 min
Lab File: BF085366.D
Acq: 11 Mar 2016 6:59

Tgt Ion:112 Resp: 1154748
Ion Ratio Lower Upper
112 100
64 57.2 49.0 73.4
63 29.0 24.8 37.2





#7

Phenol-d6

Concen: 133.75 ng

RT: 6.57 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF085366.D

Acq: 11 Mar 2016 6:59

Instrument :

BNA_F

ClientSampleId :

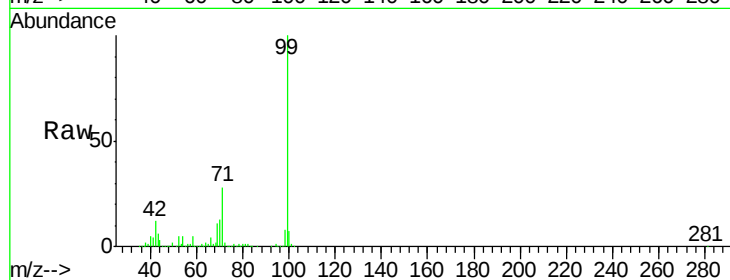
Tot Ion: 99 Resp: 1751141

Ion Ratio Lower Upper

99 100

42 11.8 13.6 20.4#

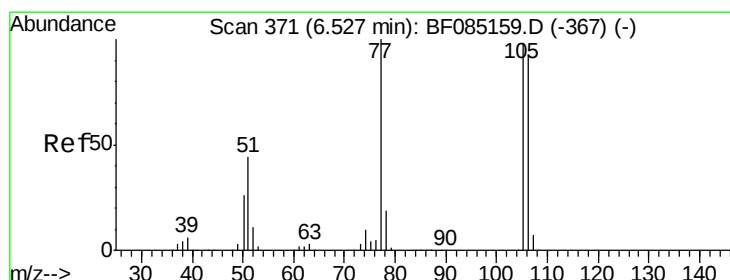
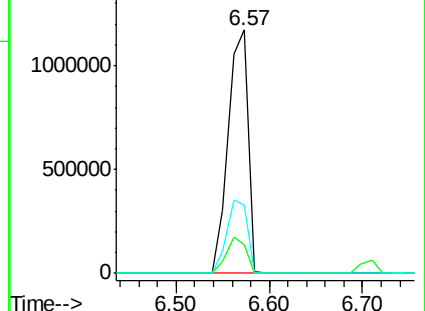
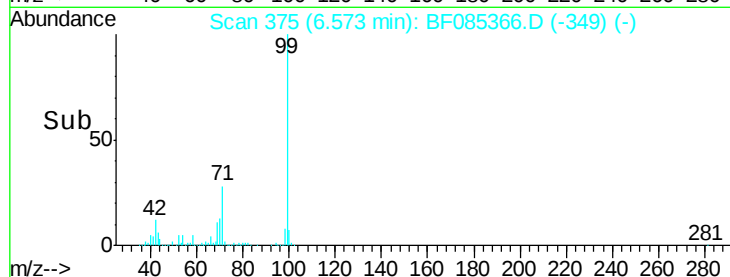
71 28.2 26.7 40.1



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: 2.20 ng

RT: 6.71 min Scan# 387

Delta R.T. 0.22 min

Lab File: BF085366.D

Acq: 11 Mar 2016 6:59

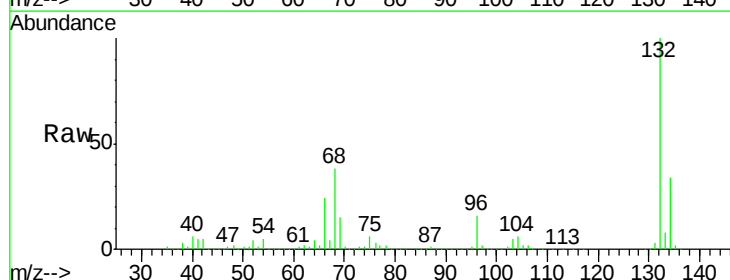
Tgt Ion: 77 Resp: 30998

Ion Ratio Lower Upper

77 100

105 87.2 78.2 118.2

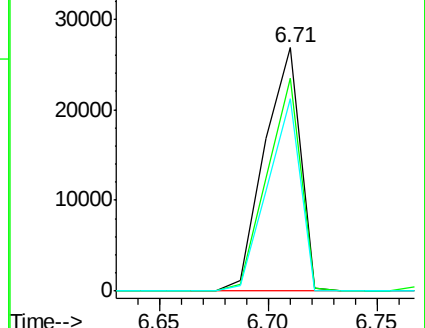
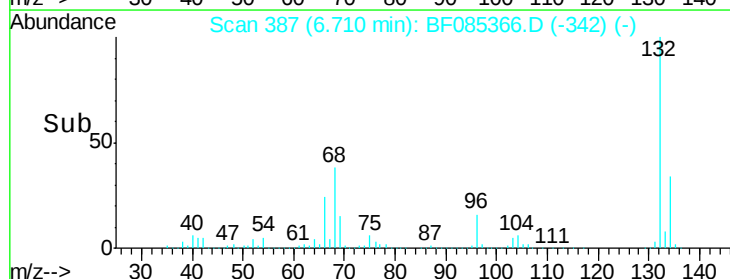
106 79.1 72.9 112.9

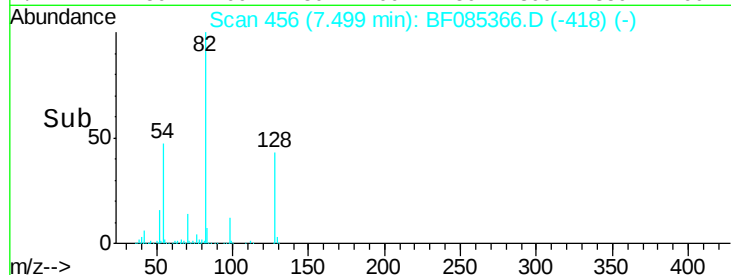
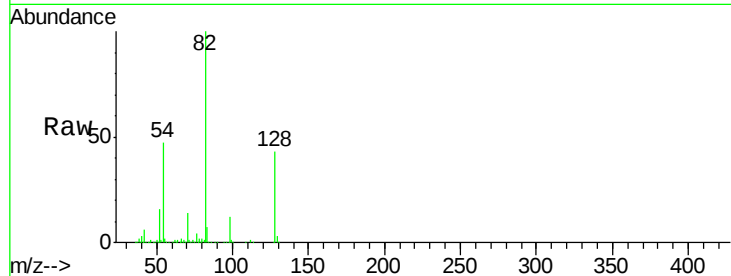


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

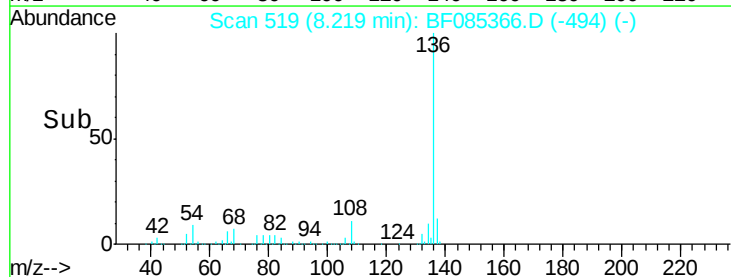
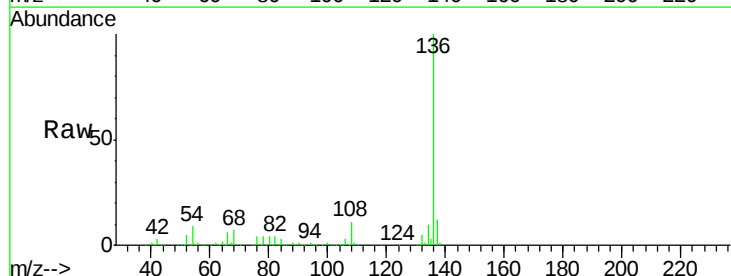
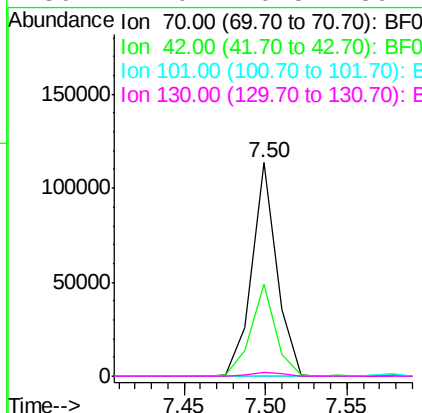




#19
n-Nitroso-di-n-propylamine
Concen: 14.17 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.14 min
Lab File: BF085366.D
Acq: 11 Mar 2016 6:59

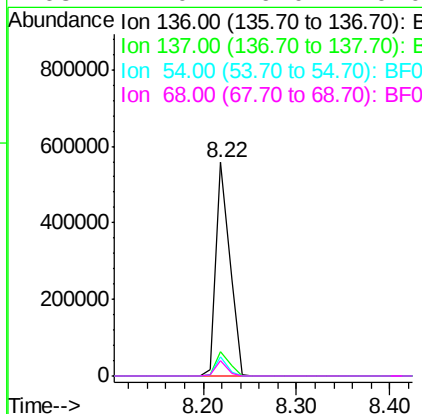
Instrument :
BNA_F
ClientSampleId :

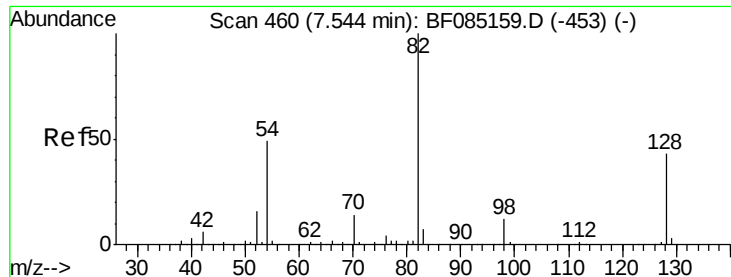
Tot Ion	Ratio	Lower	Upper
70	100		
42	43.0	37.7	56.5
101	0.0	8.2	12.4#
130	2.0	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF085366.D
Acq: 11 Mar 2016 6:59

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	8.7	7.4	11.2
68	7.0	6.0	9.0

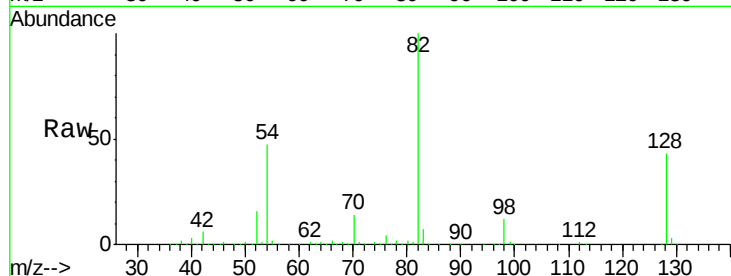




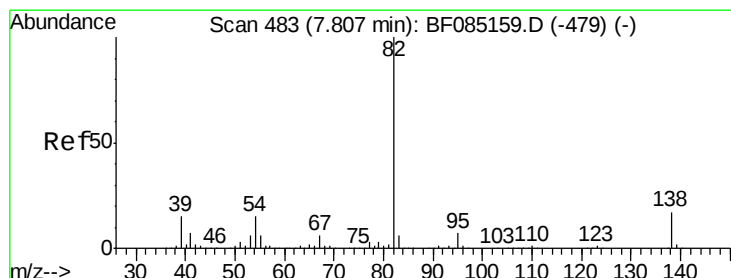
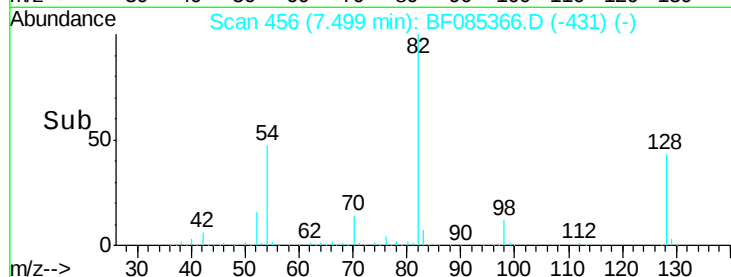
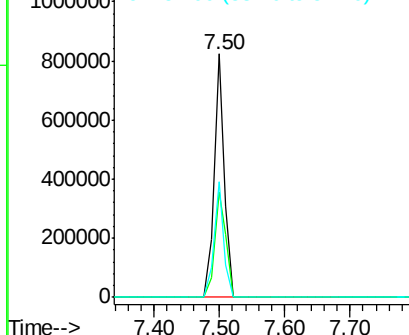
#23
Nitrobenzene-d5
Concen: 86.15 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF085366.D
Acq: 11 Mar 2016 6:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	921049
Ion Ratio	Lower	Upper	
82	100		
128	43.2	34.5	51.7
54	47.3	39.3	58.9

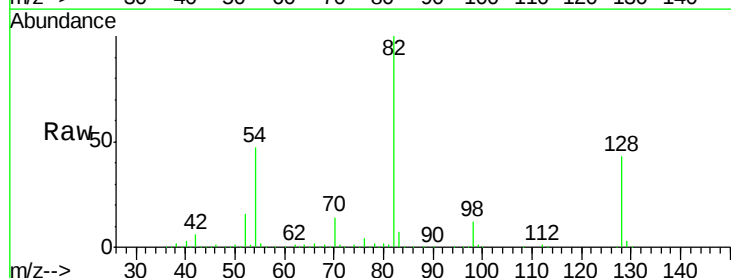


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

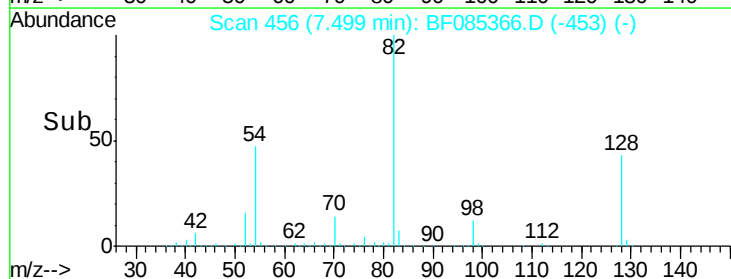
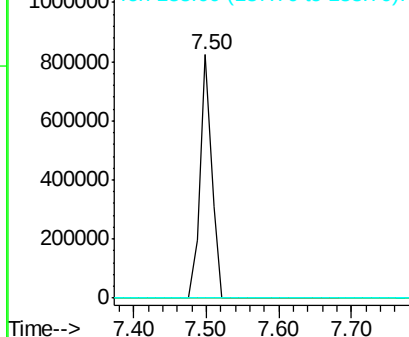


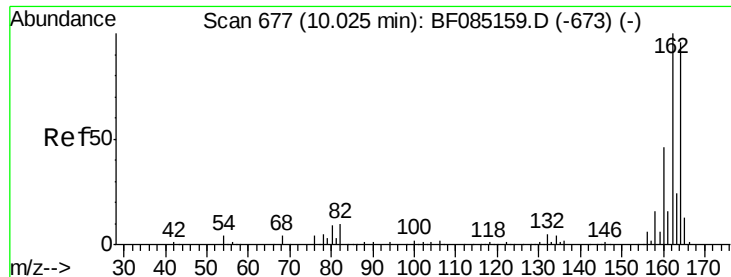
#25
Isophorone
Concen: 46.39 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.26 min
Lab File: BF085366.D
Acq: 11 Mar 2016 6:59

Tgt Ion	82	Resp	919097
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.2#
138	0.0	13.3	19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF085366.D

Acq: 11 Mar 2016 6:59

Instrument :

BNA_F

ClientSampleId :

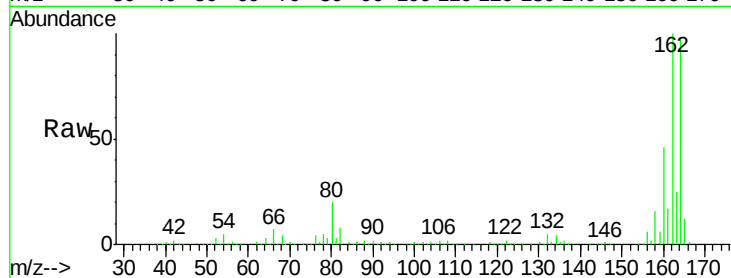
Tot Ion:164 Resp: 263854

Ion Ratio Lower Upper

164 100

162 102.3 83.3 124.9

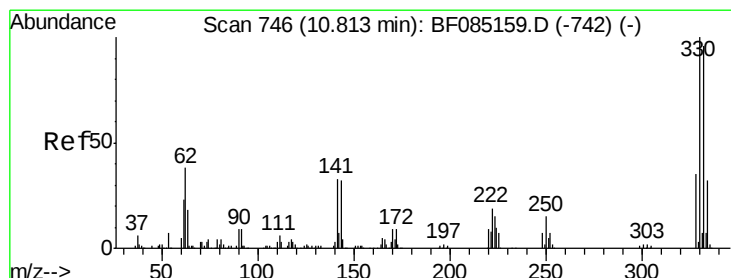
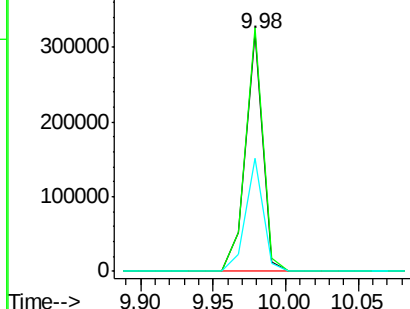
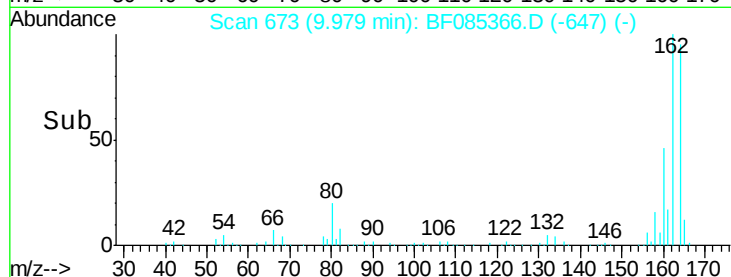
160 47.4 37.9 56.9



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: 120.11 ng

RT: 10.77 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085366.D

Acq: 11 Mar 2016 6:59

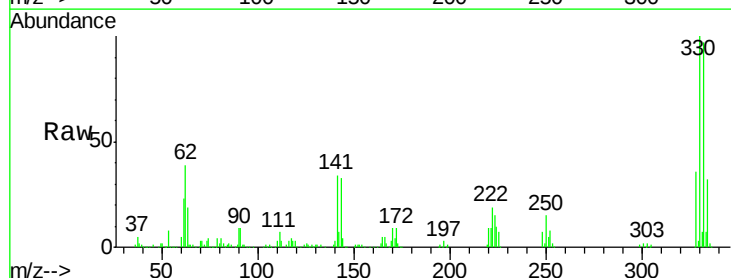
Tgt Ion:330 Resp: 271168

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

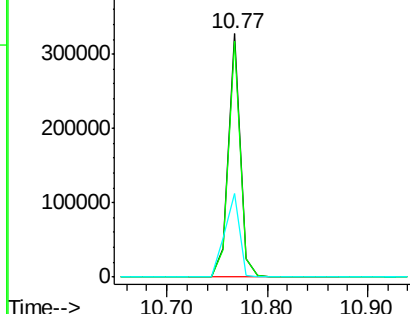
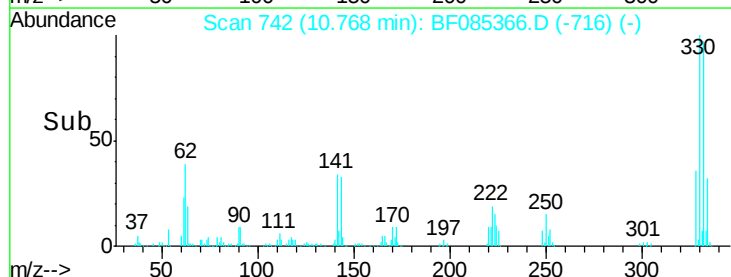
141 43.0 35.0 52.6

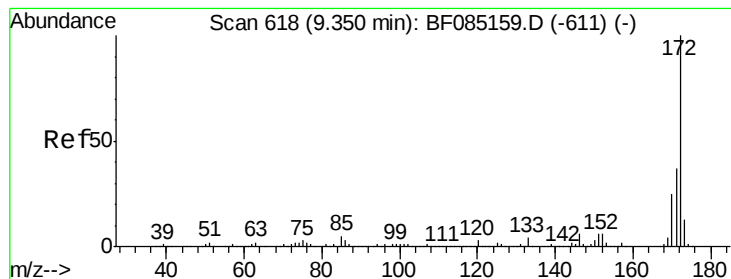


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

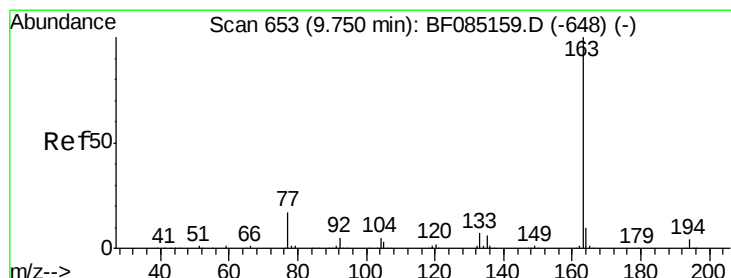
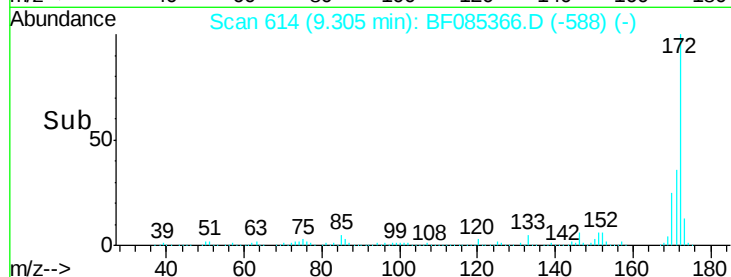
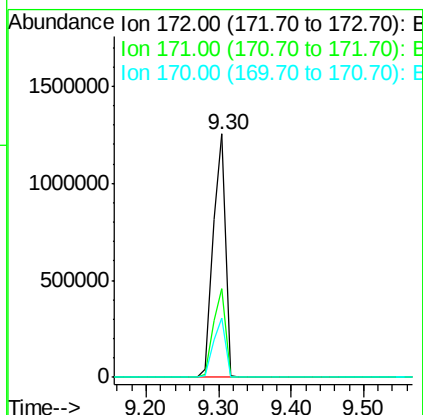
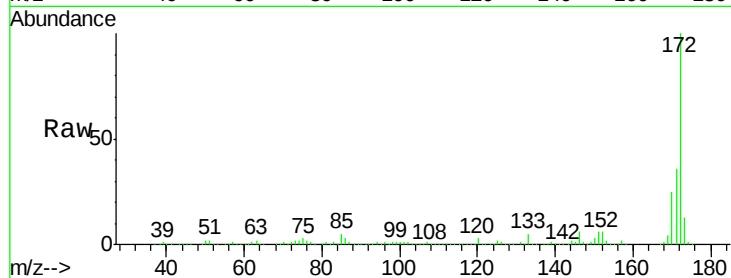




#44
2-Fluorobiphenyl
Concen: 84.23 ng
RT: 9.30 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF085366.D
Acq: 11 Mar 2016 6:59

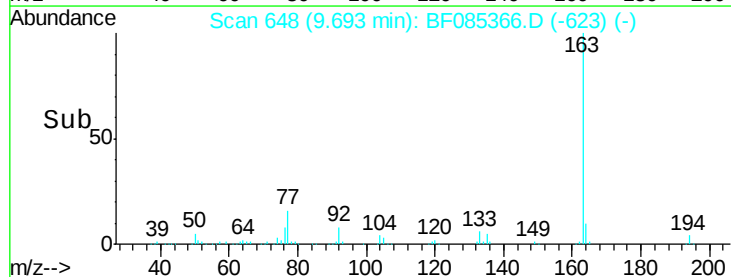
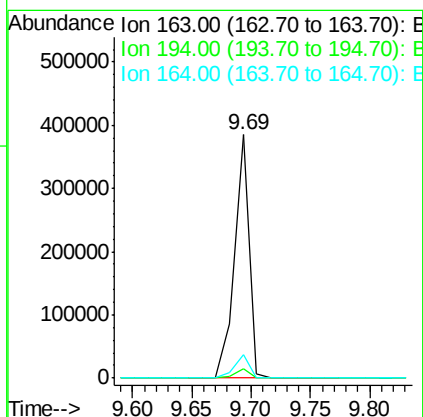
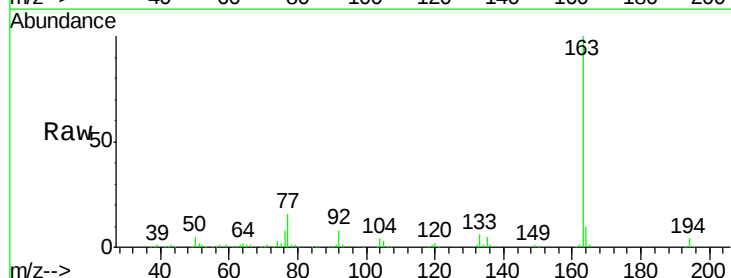
Instrument :
BNA_F
ClientSampleId :

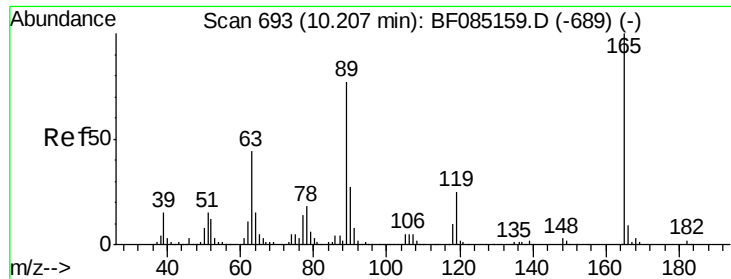
Tot Ion:172 Resp: 1461423
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 24.6 20.0 30.0



#49
Dimethylphthalate
Concen: 16.27 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF085366.D
Acq: 11 Mar 2016 6:59

Tgt Ion:163 Resp: 329601
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.8 8.2 12.4

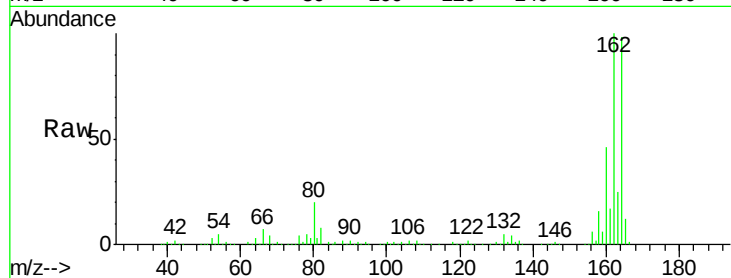




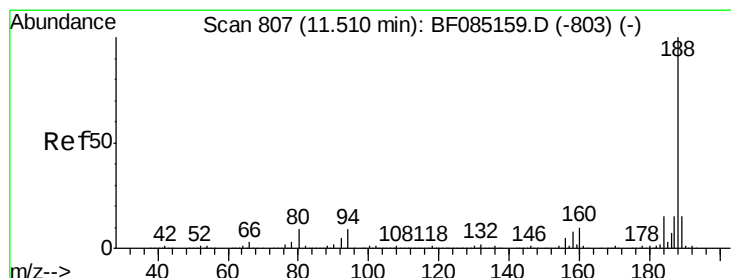
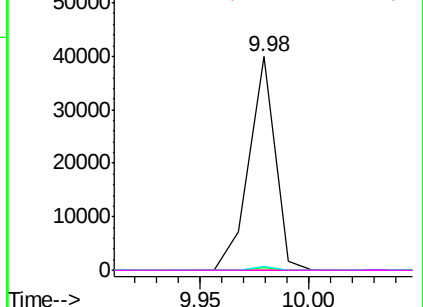
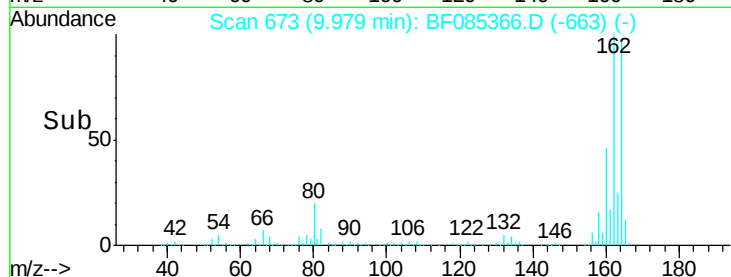
#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.18 min
 Lab File: BF085366.D
 Acq: 11 Mar 2016 6:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 33504
 Ion Ratio Lower Upper
 165 100
 63 1.3 35.4 53.0#
 89 1.7 61.9 92.9#
 182 0.0 1.9 2.9#

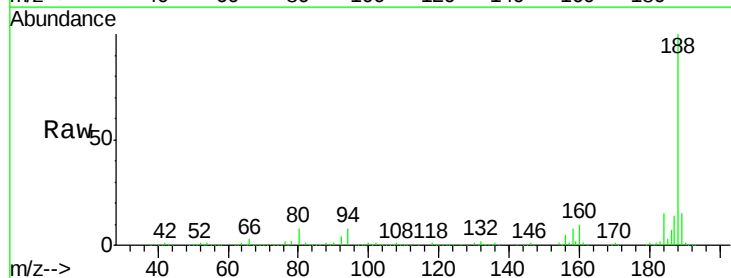


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

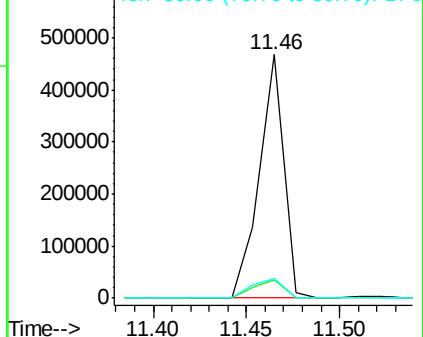
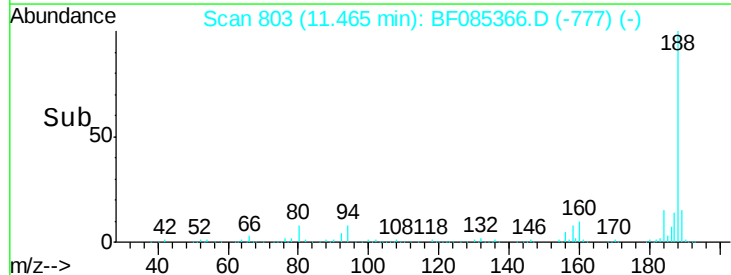


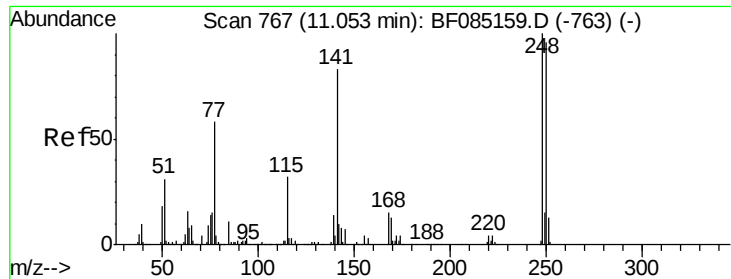
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF085366.D
 Acq: 11 Mar 2016 6:59

Tgt Ion:188 Resp: 422602
 Ion Ratio Lower Upper
 188 100
 94 7.7 7.0 10.6
 80 7.8 7.4 11.0



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: 4.97 ng

RT: 10.77 min Scan# 742

Delta R.T. -0.24 min

Lab File: BF085366.D

Acq: 11 Mar 2016 6:59

Instrument :

BNA_F

ClientSampled :

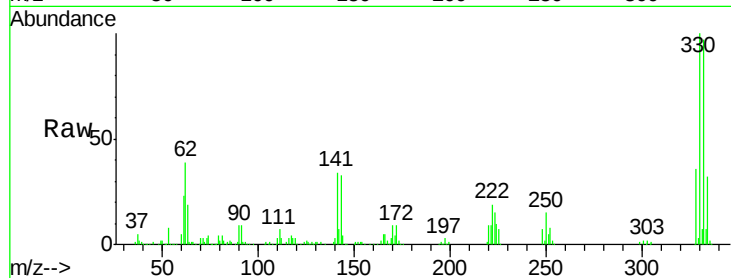
Tot Ion:248 Resp: 20392

Ion Ratio Lower Upper

248 100

250 205.1 77.1 115.7#

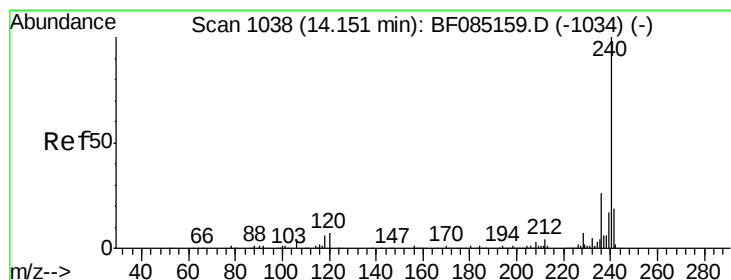
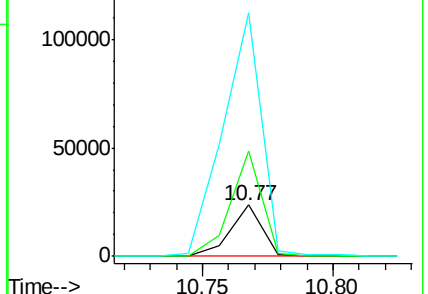
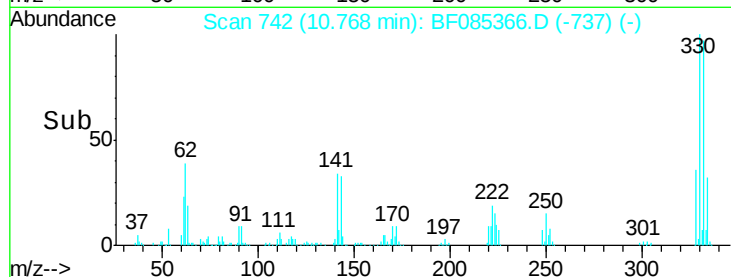
141 472.7 66.2 99.2#



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: 20.00 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF085366.D

Acq: 11 Mar 2016 6:59

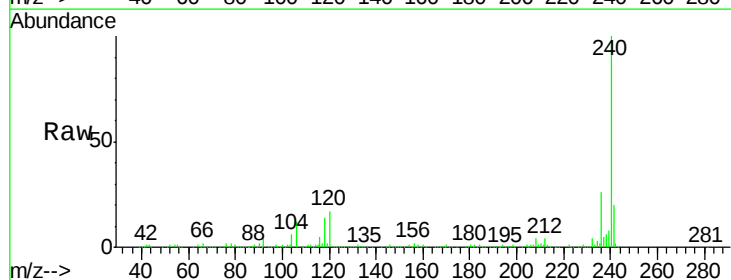
Tgt Ion:240 Resp: 282510

Ion Ratio Lower Upper

240 100

120 17.2 5.3 7.9#

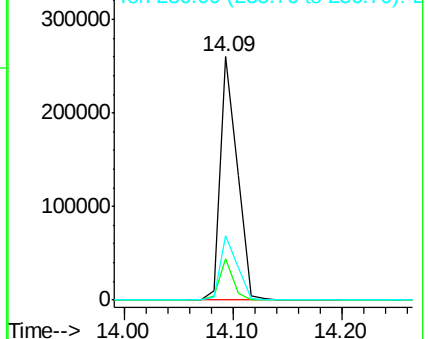
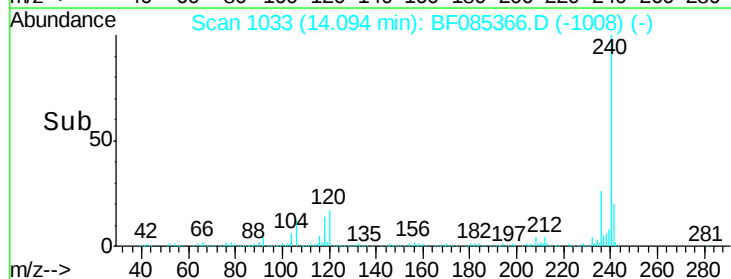
236 26.5 20.7 31.1

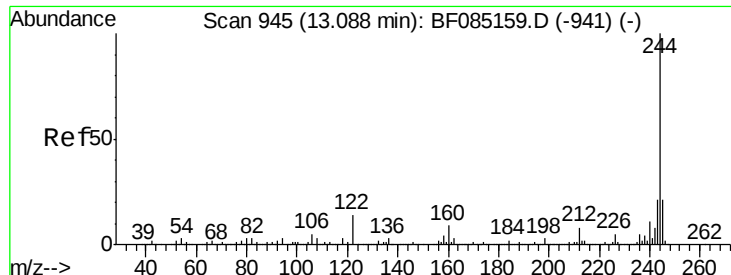


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

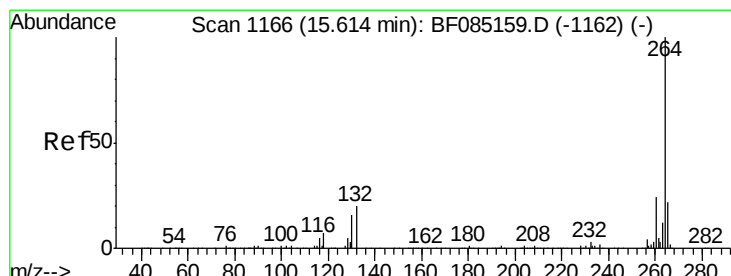
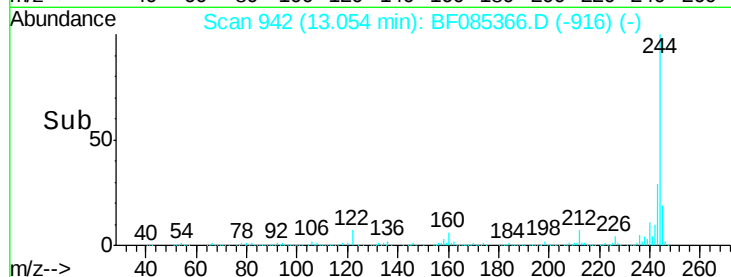
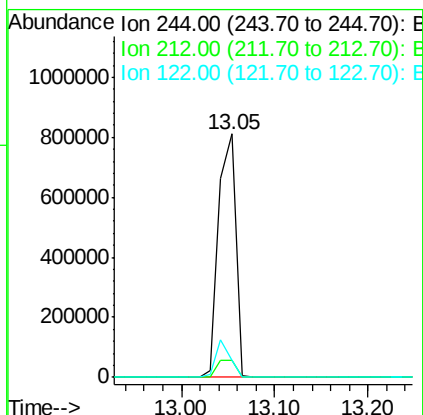
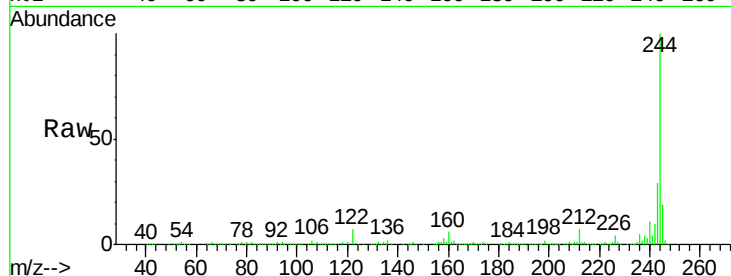




#78
 Terphenyl-d14
 Concen: 85.07 ng
 RT: 13.05 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF085366.D
 Acq: 11 Mar 2016 6:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1035266
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.4 9.6
 122 6.8 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF085366.D
 Acq: 11 Mar 2016 6:59

Tgt Ion:264 Resp: 280404
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 22.4 17.3 25.9

