

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085904.D
 Acq On : 31 Mar 2016 1:36
 Operator : UM/SJ
 Sample : H2049-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDE-WALL-7BGL

Quant Time: Mar 31 01:31:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

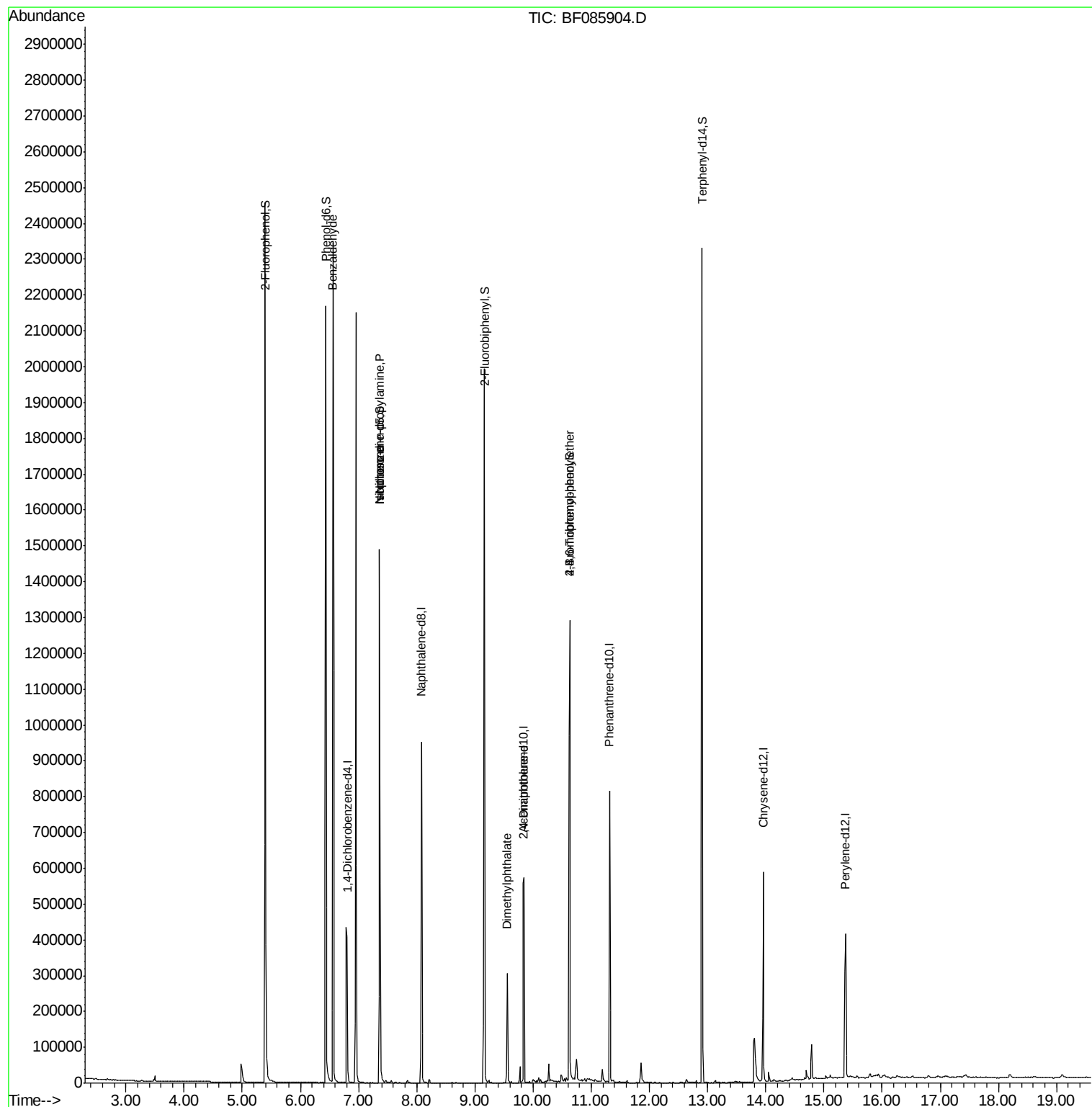
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	101379	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	412874	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	169521	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	291025	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	204467	20.00	ng	-0.01
86) Perylene-d12	15.37	264	202883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	766640	125.94	ng	0.00
7) Phenol-d6	6.44	99	912884	117.95	ng	-0.01
23) Nitrobenzene-d5	7.36	82	578795	78.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	226246	140.47	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	967136	95.32	ng	0.00
78) Terphenyl-d14	12.91	244	688054	69.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	16891	3.62	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.36	70	75105	16.21	ng	# 79
25) Isophorone	7.36	82	520543	36.86	ng	# 68
49) Dimethylphthalate	9.56	163	115955	9.02	ng	98
56) 2,4-Dinitrotoluene	9.83	165	21580	6.13	ng	# 35
66) 4-Bromophenyl-phenylether	10.63	248	14230	4.78	ng	# 1

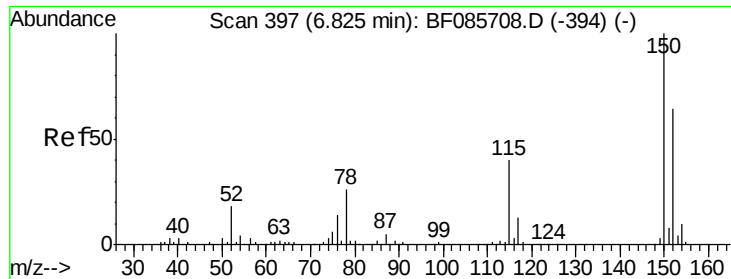
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085904.D

Acq: 31 Mar 2016 1:36

Instrument :

BNA_F

ClientSampleId :

WEST-SIDE-WALL-7BGL

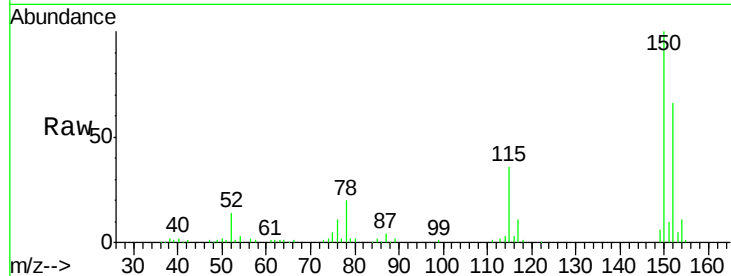
Tgt Ion:152 Resp: 101379

Ion Ratio Lower Upper

152 100

150 150.9 124.2 186.2

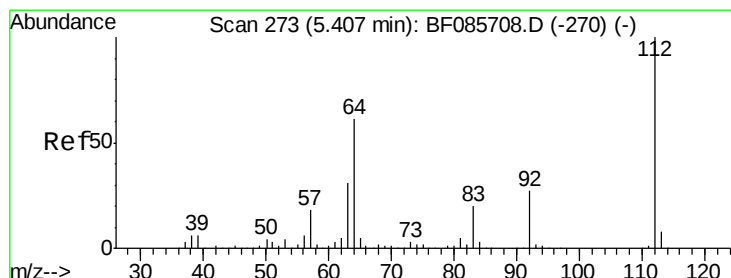
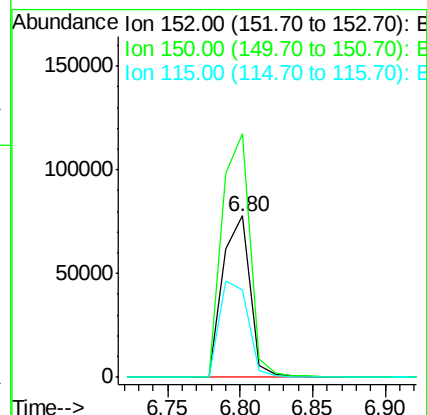
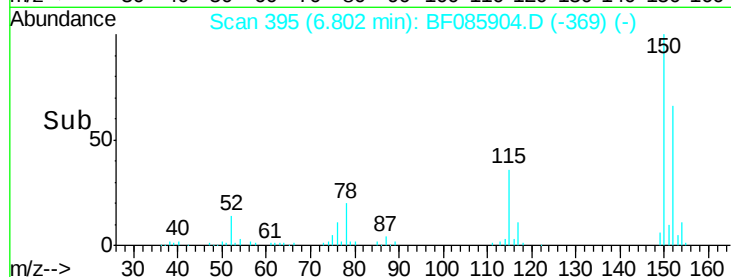
115 54.0 47.0 70.6



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: 125.94 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085904.D

Acq: 31 Mar 2016 1:36

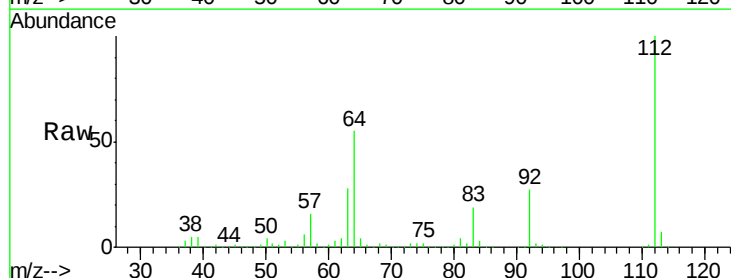
Tgt Ion:112 Resp: 766640

Ion Ratio Lower Upper

112 100

64 55.5 39.9 59.9

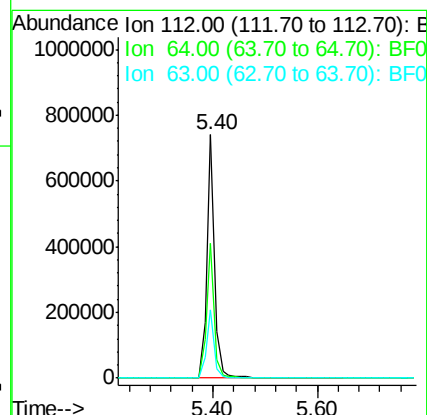
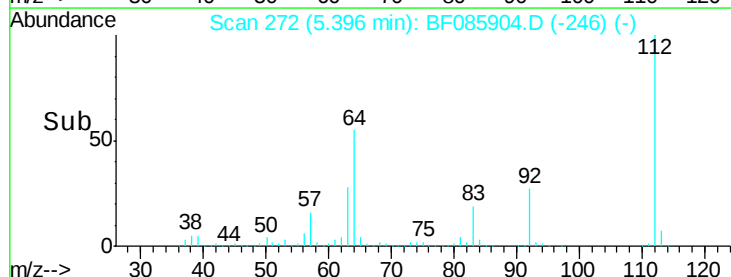
63 28.2 20.2 30.2



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: 117.95 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085904.D

Acq: 31 Mar 2016 1:36

Instrument :

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WEST-SIDE-WALL-7BGL

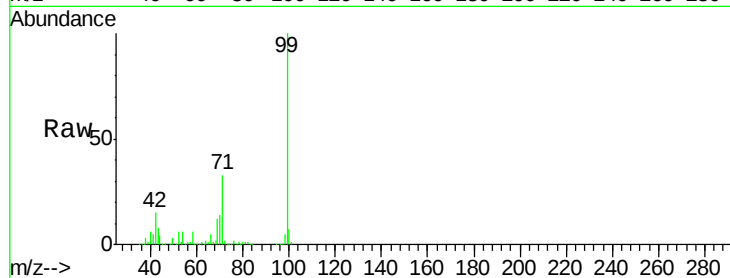
Tgt Ion: 99 Resp: 912884

Ion Ratio Lower Upper

99 100

42 15.5 11.1 16.7

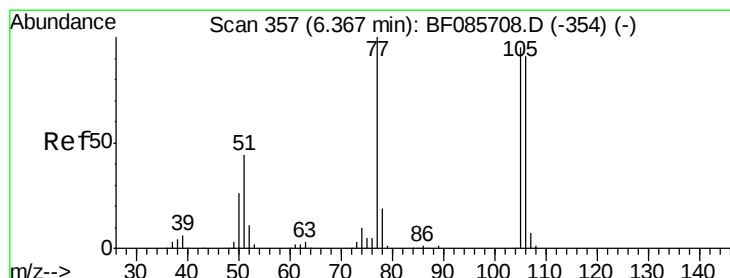
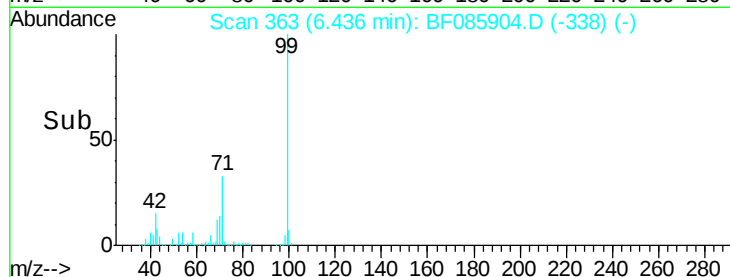
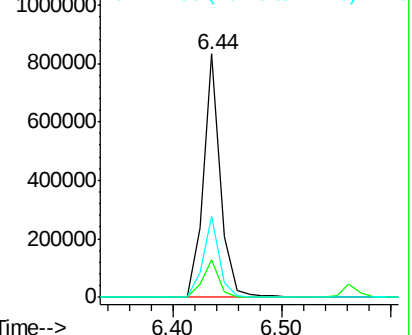
71 33.2 24.9 37.3



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: 3.62 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085904.D

Acq: 31 Mar 2016 1:36

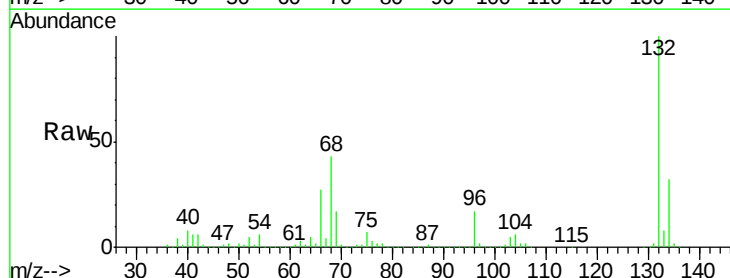
Tgt Ion: 77 Resp: 16891

Ion Ratio Lower Upper

77 100

105 82.9 80.1 120.1

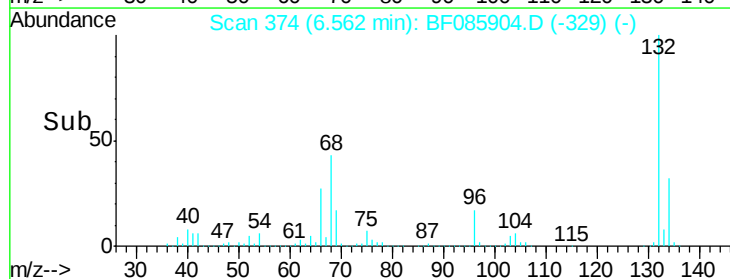
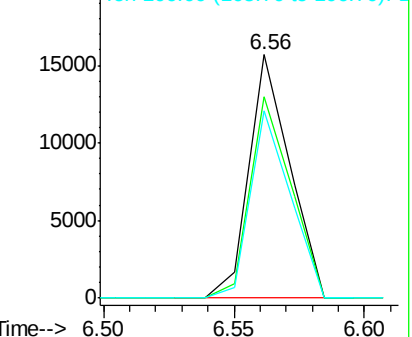
106 76.9 75.0 115.0

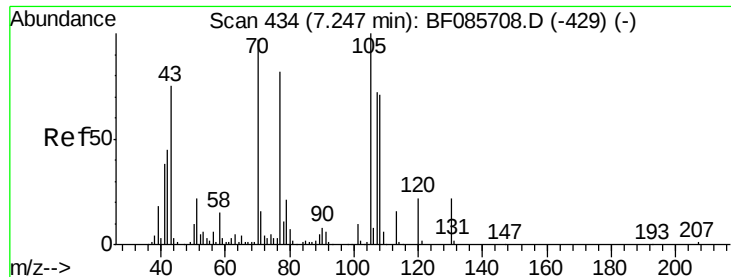


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

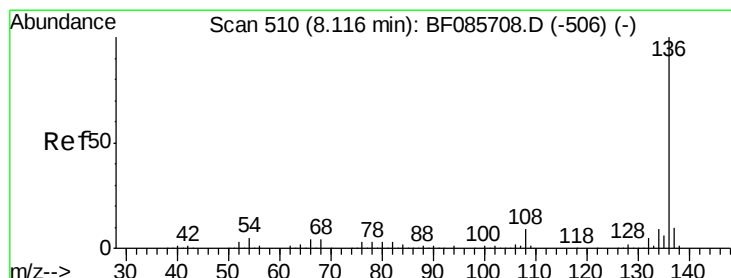
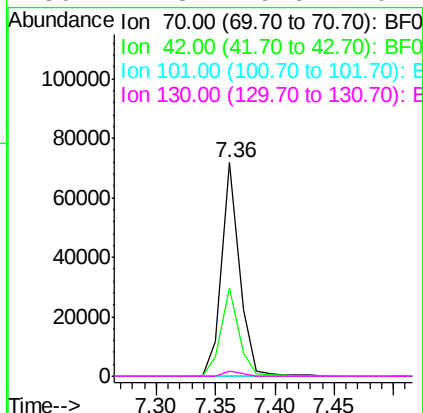
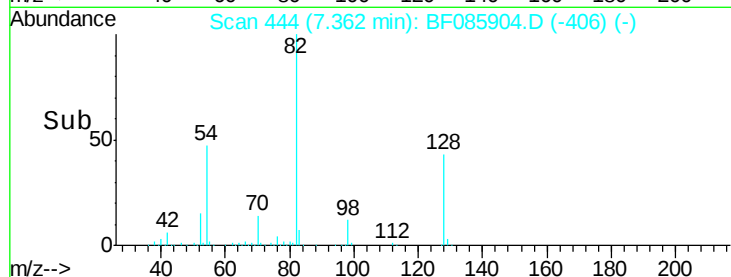
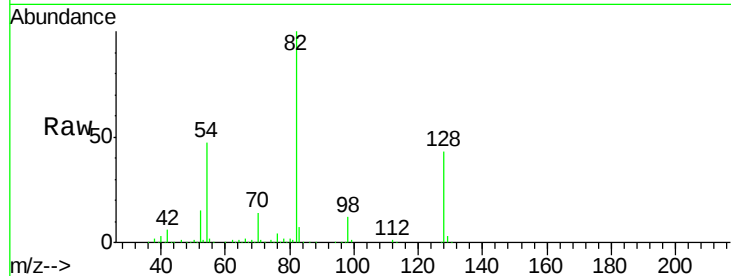




#19
n-Nitroso-di-n-propylamine
Concen: 16.21 ng
RT: 7.36 min Scan# 444
Delta R.T. 0.14 min
Lab File: BF085904.D
Acq: 31 Mar 2016 1:36

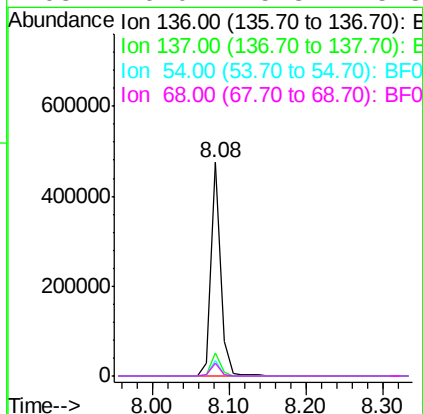
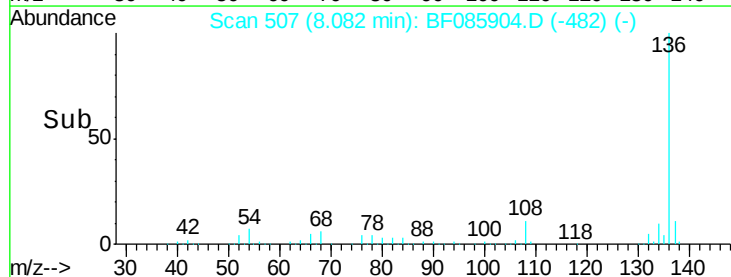
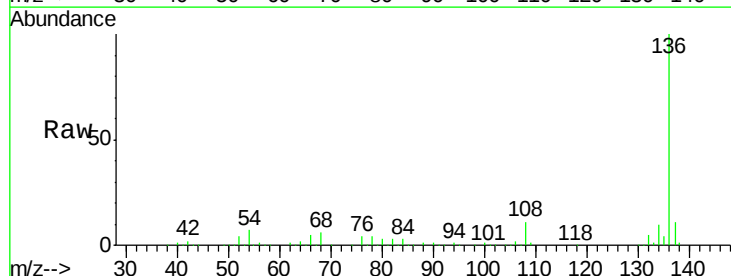
Instrument :
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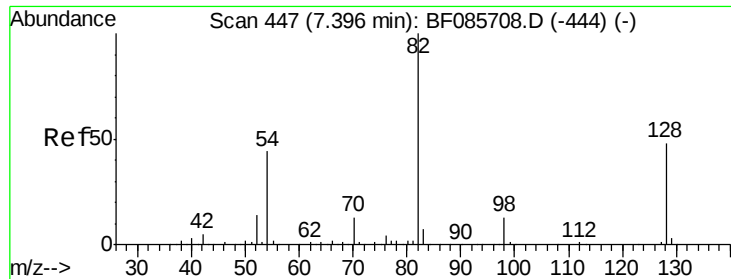
Tgt Ion: 70 Resp: 75105
Ion Ratio Lower Upper
70 100
42 41.4 37.1 55.7
101 0.0 8.6 12.8#
130 2.3 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085904.D
Acq: 31 Mar 2016 1:36

Tgt Ion: 136 Resp: 412874
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.3 7.4 11.0#
68 6.0 5.8 8.8

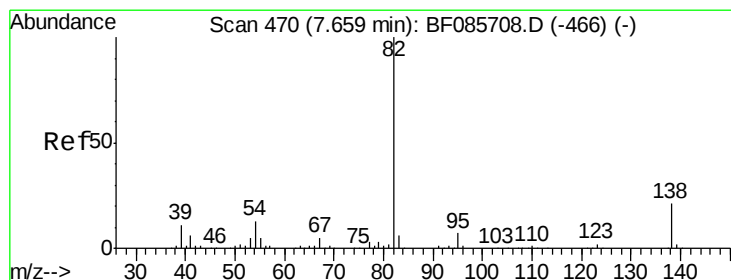
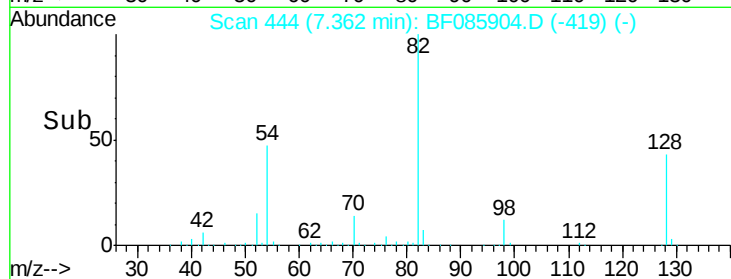
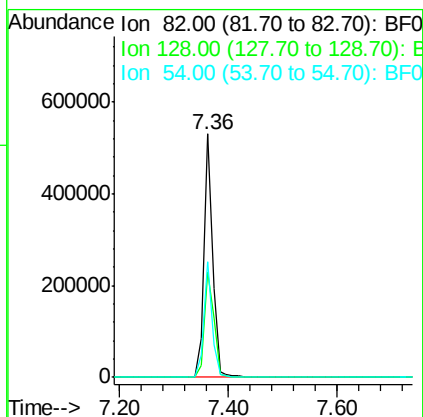
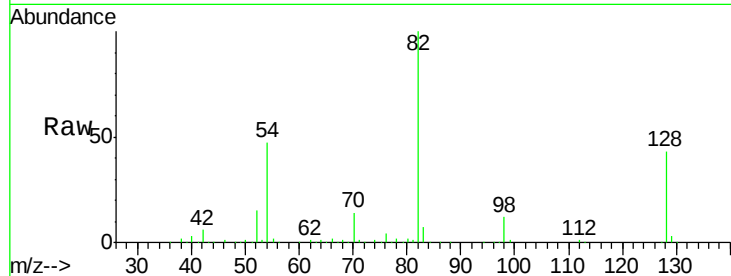




#23
Nitrobenzene-d5
Concen: 78.94 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085904.D
Acq: 31 Mar 2016 1:36

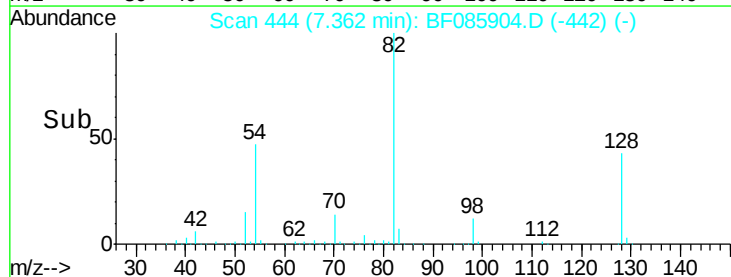
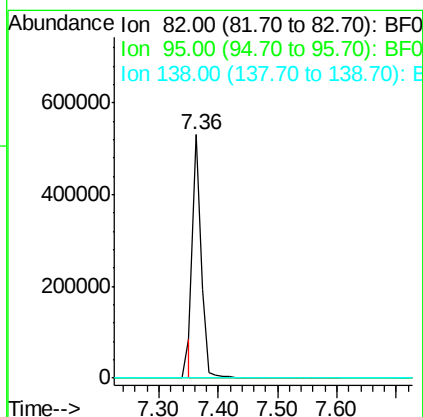
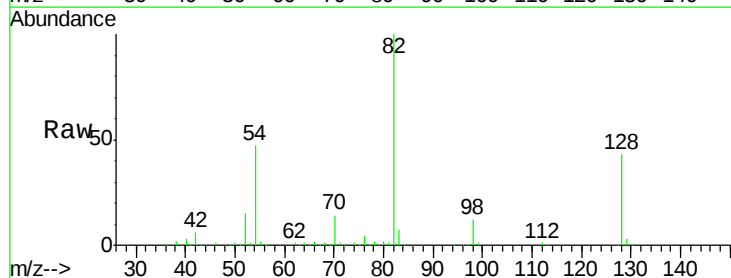
Instrument :
BNA_F
ClientSampleId :
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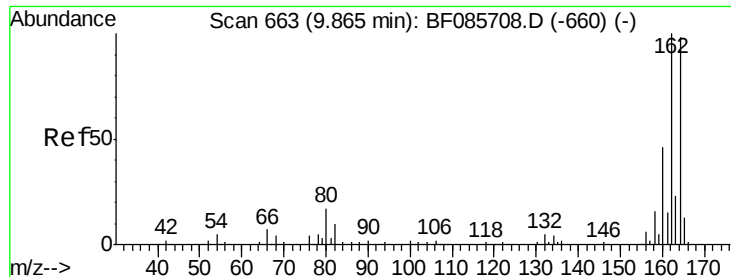
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	41.8	62.8
54	47.4	33.4	50.0



#25
Isophorone
Concen: 36.86 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.27 min
Lab File: BF085904.D
Acq: 31 Mar 2016 1:36

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085904.D

Acq: 31 Mar 2016 1:36

Instrument :

BNA_F

ClientSampleId :

WEST-SIDE-WALL-7BGL

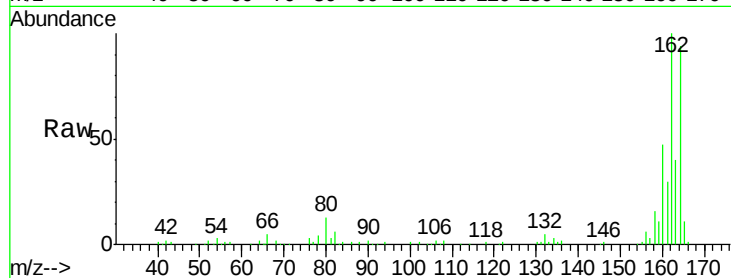
Tgt Ion:164 Resp: 169521

Ion Ratio Lower Upper

164 100

162 106.1 82.1 123.1

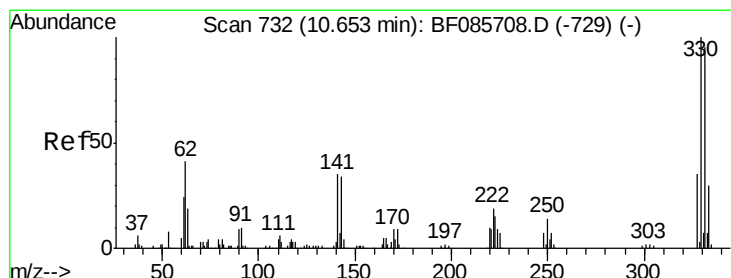
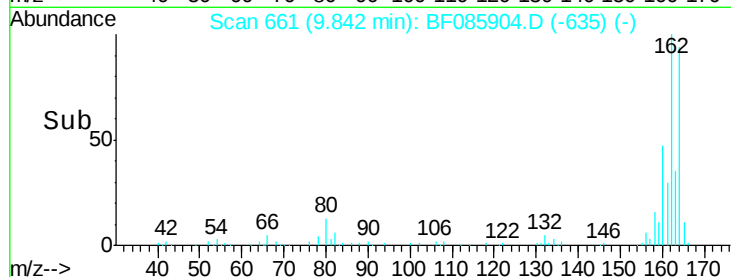
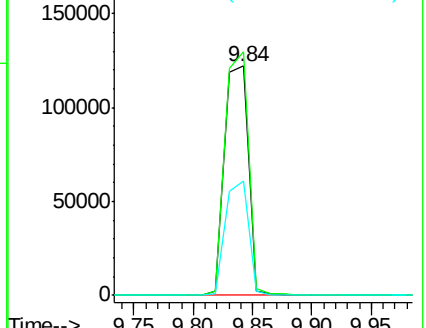
160 49.7 37.4 56.2



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: 140.47 ng

RT: 10.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF085904.D

Acq: 31 Mar 2016 1:36

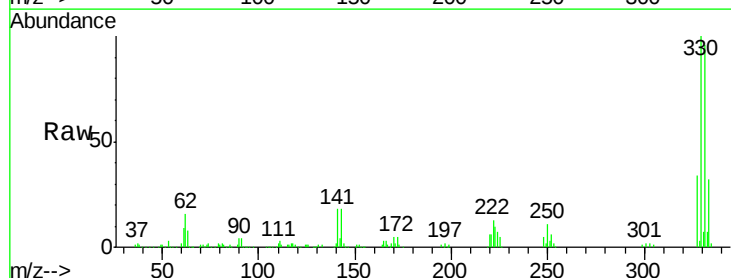
Tgt Ion:330 Resp: 226246

Ion Ratio Lower Upper

330 100

332 95.8 78.2 117.2

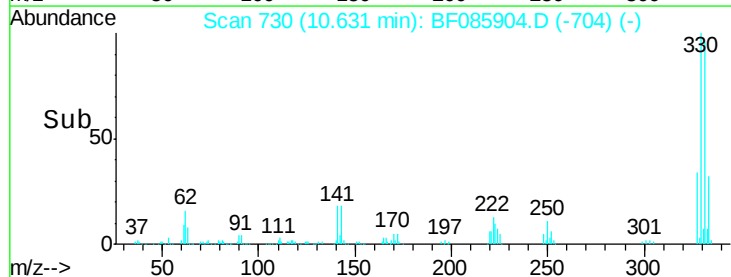
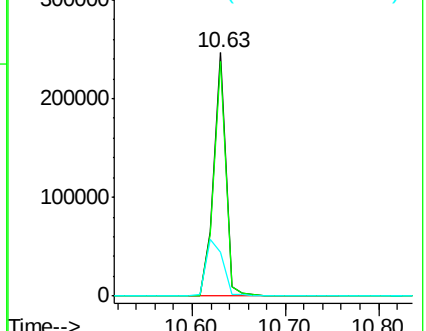
141 33.1 31.5 47.3

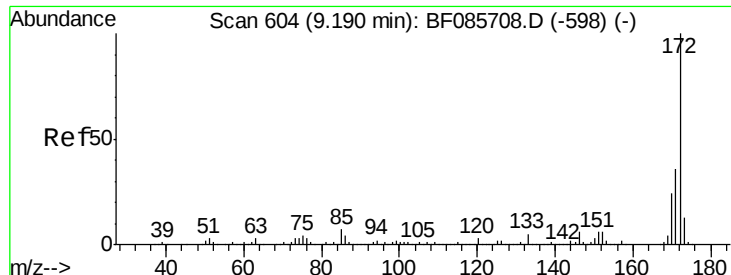


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

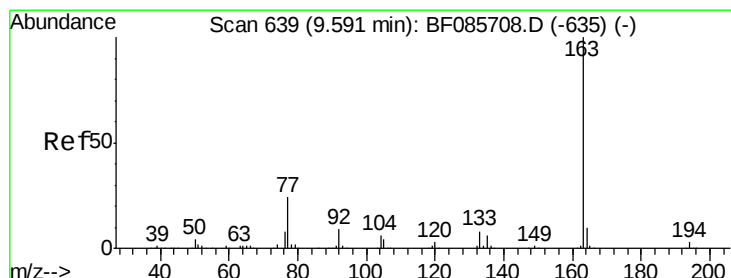
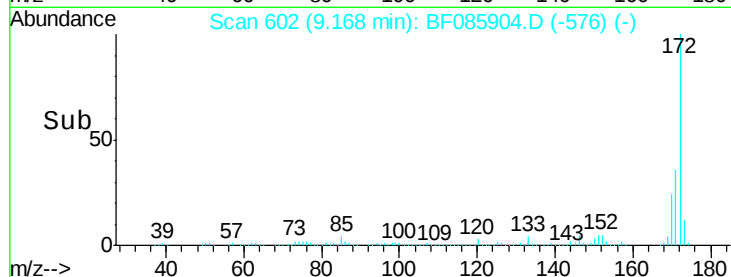
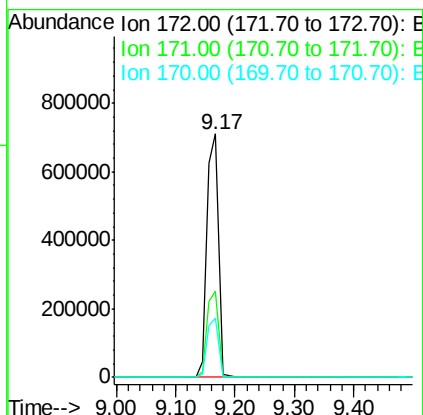
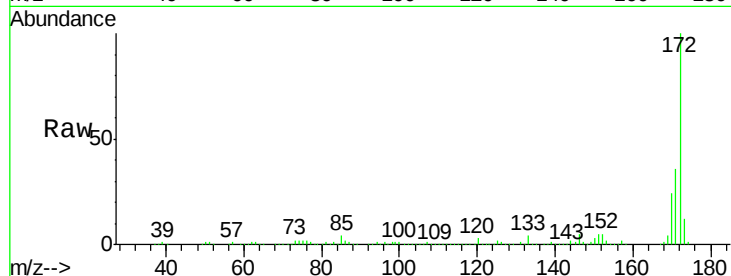




#44
 2-Fluorobiphenyl
 Concen: 95.32 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085904.D
 Acq: 31 Mar 2016 1:36

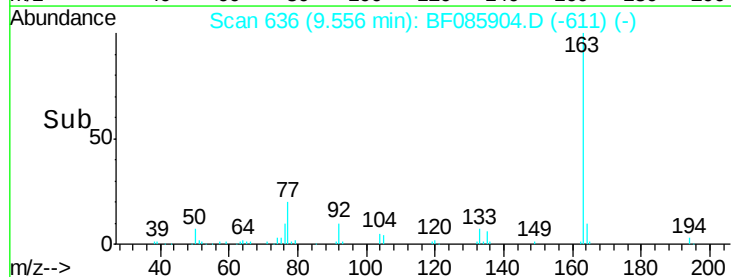
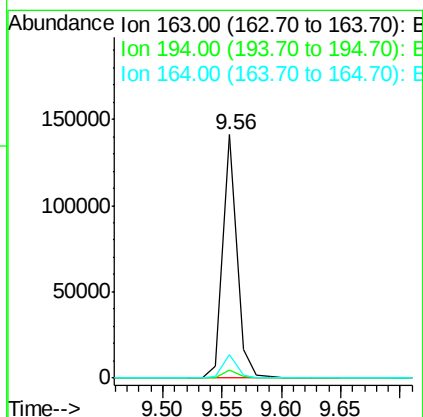
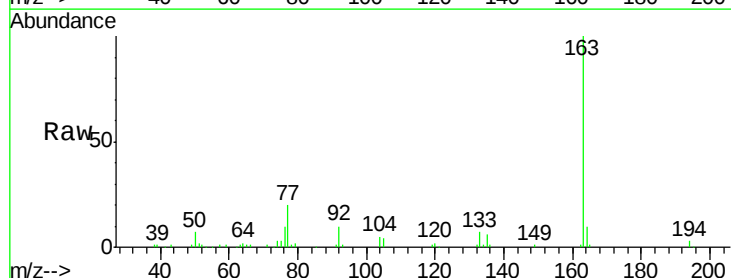
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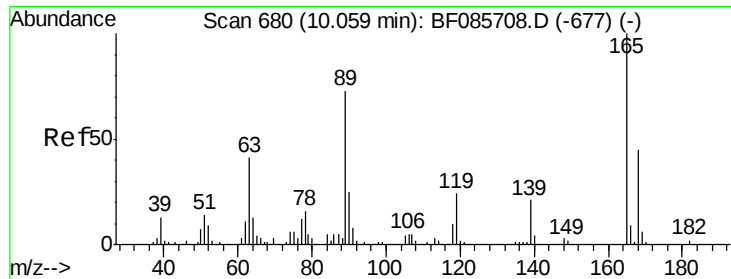
Tgt Ion:172 Resp: 967136
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.2
 170 24.2 19.8 29.6



#49
 Dimethylphthalate
 Concen: 9.02 ng
 RT: 9.56 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF085904.D
 Acq: 31 Mar 2016 1:36

Tgt Ion:163 Resp: 115955
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.9 4.3
 164 9.5 8.3 12.5

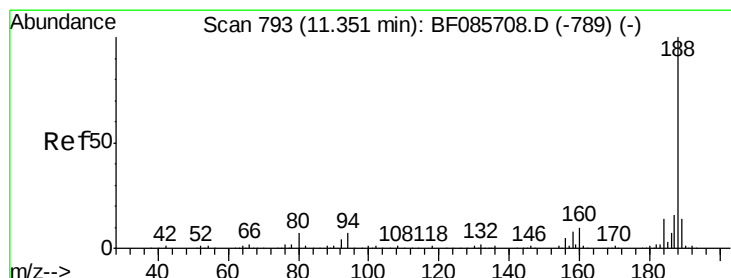
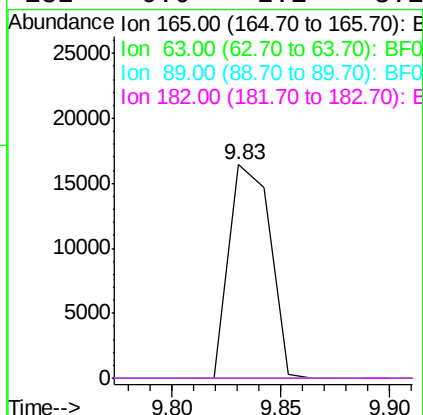
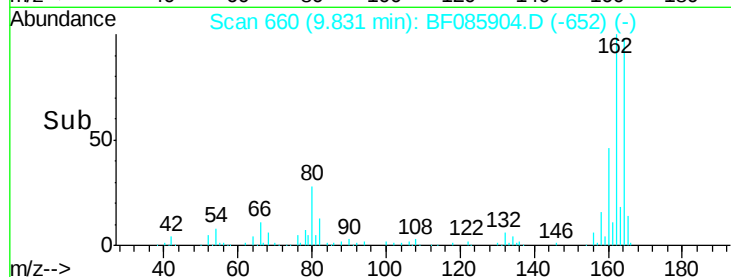
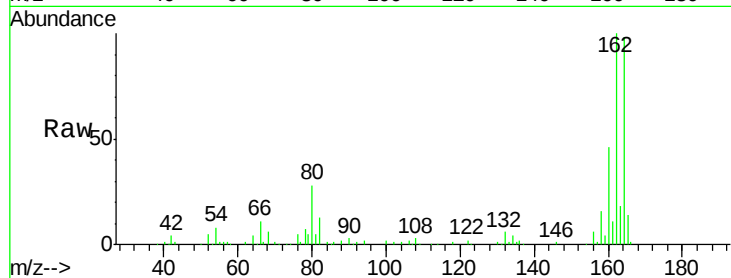




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085904.D
 Acq: 31 Mar 2016 1:36

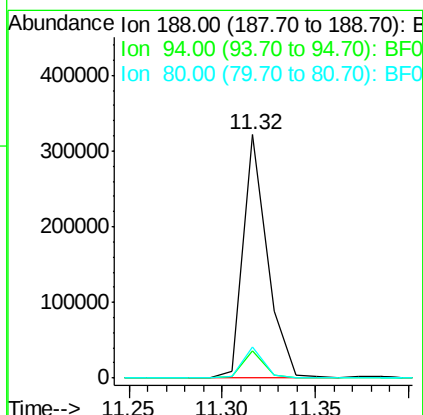
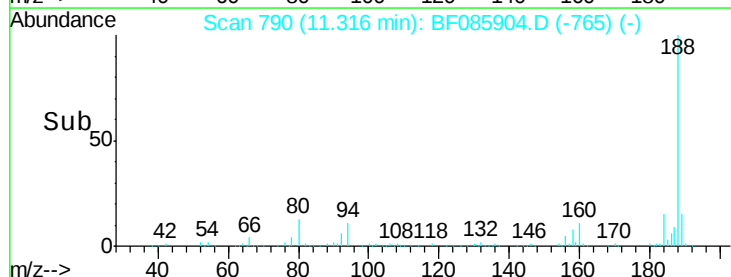
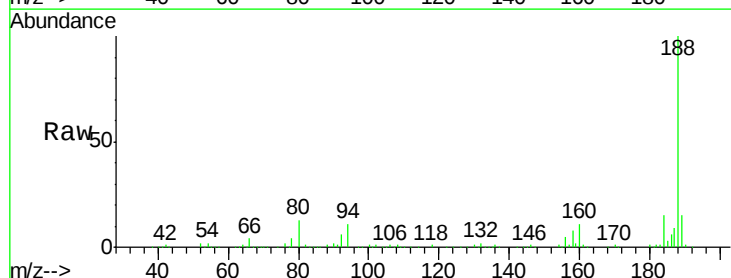
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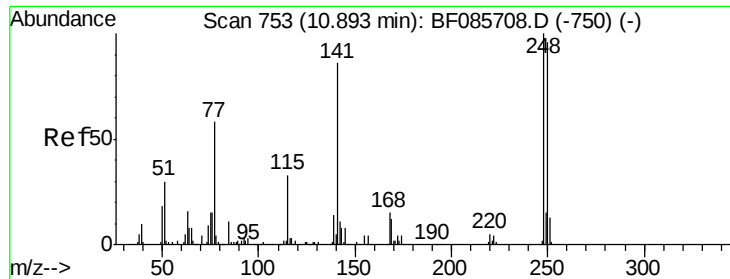
Tgt Ion:	165	Resp:	21580
Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	0.0	41.0	61.6#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085904.D
 Acq: 31 Mar 2016 1:36

Tgt Ion:	188	Resp:	291025
Ion	Ratio	Lower	Upper
188	100		
94	11.3	5.4	8.0#
80	12.7	5.5	8.3#

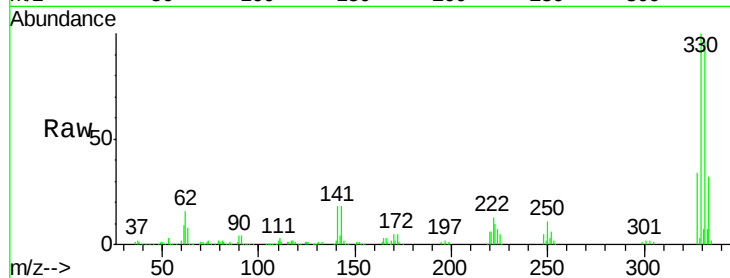




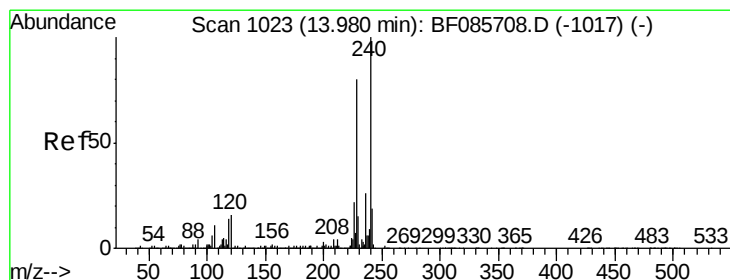
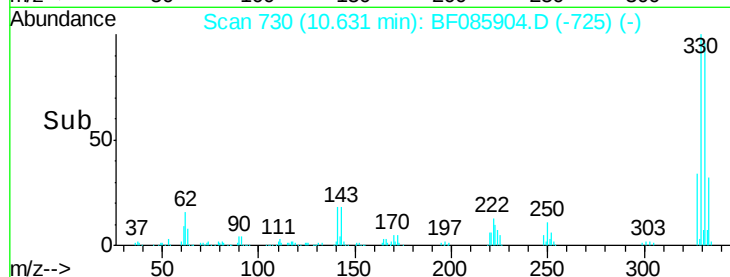
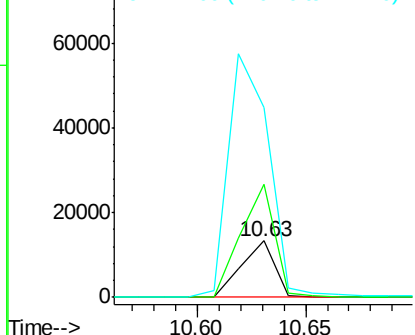
#66
 4-Bromophenyl-phenylether
 Concen: 4.78 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.24 min
 Lab File: BF085904.D
 Acq: 31 Mar 2016 1:36

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDE-WALL-7BGL

Tgt Ion:248 Resp: 14230
 Ion Ratio Lower Upper
 248 100
 250 199.6 77.4 116.0#
 141 337.4 63.6 95.4#

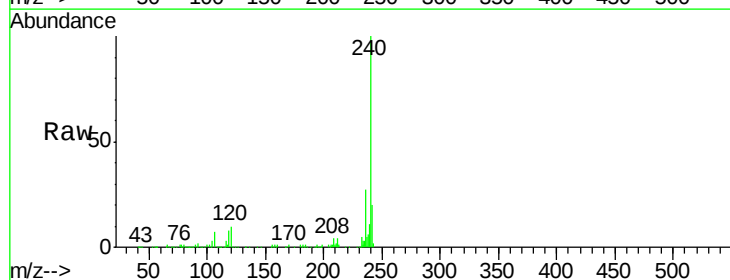


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

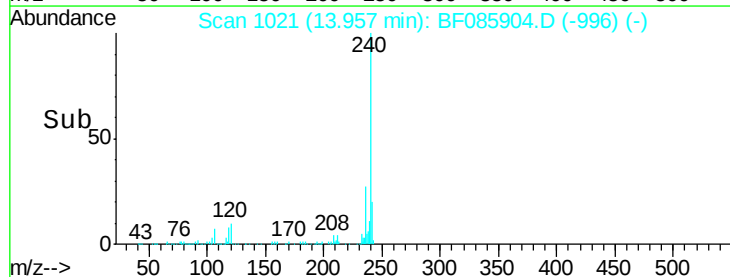
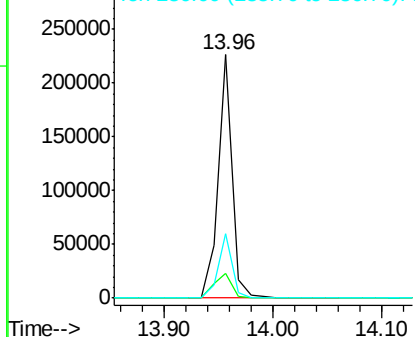


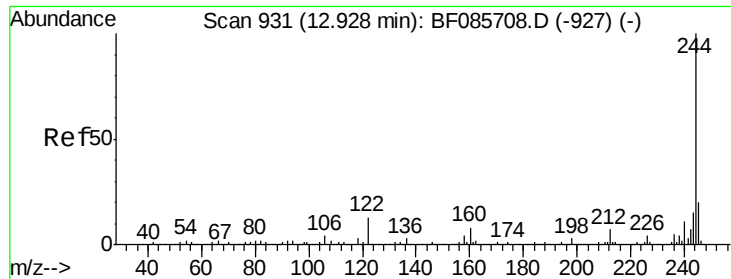
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF085904.D
 Acq: 31 Mar 2016 1:36

Tgt Ion:240 Resp: 204467
 Ion Ratio Lower Upper
 240 100
 120 10.0 13.8 20.8#
 236 26.5 20.6 30.8



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

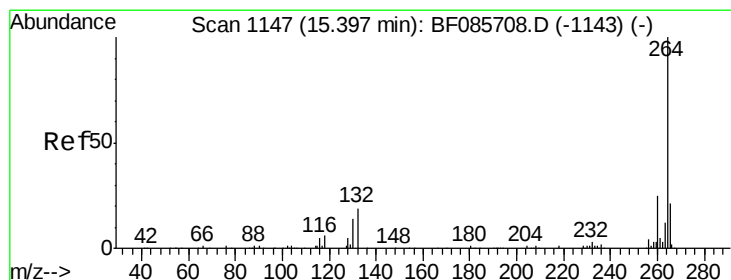
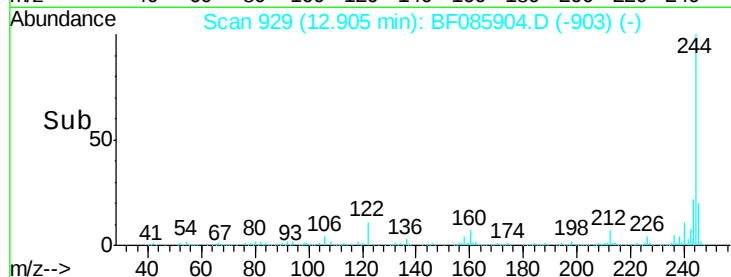
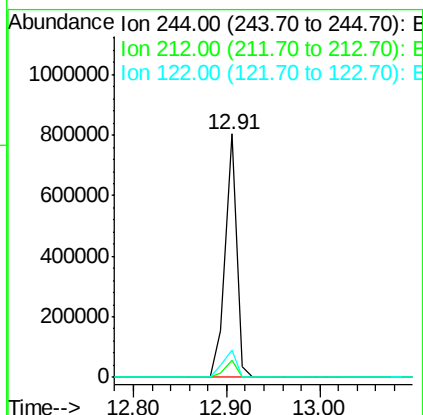
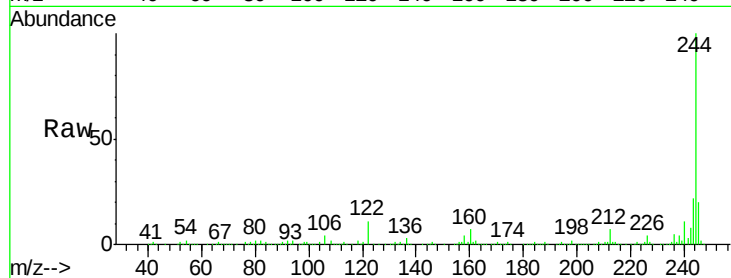




#78
 Terphenyl-d14
 Concen: 69.21 ng
 RT: 12.91 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF085904.D
 Acq: 31 Mar 2016 1:36

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDE-WALL-7BGL

Tgt Ion:244 Resp: 688054
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 11.4 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF085904.D
 Acq: 31 Mar 2016 1:36

Tgt Ion:264 Resp: 202883
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.2 17.2 25.8

