

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085746.D
 Acq On : 25 Mar 2016 7:04
 Operator : UM/SJ
 Sample : H1885-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-14A

Quant Time: Mar 25 06:38:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

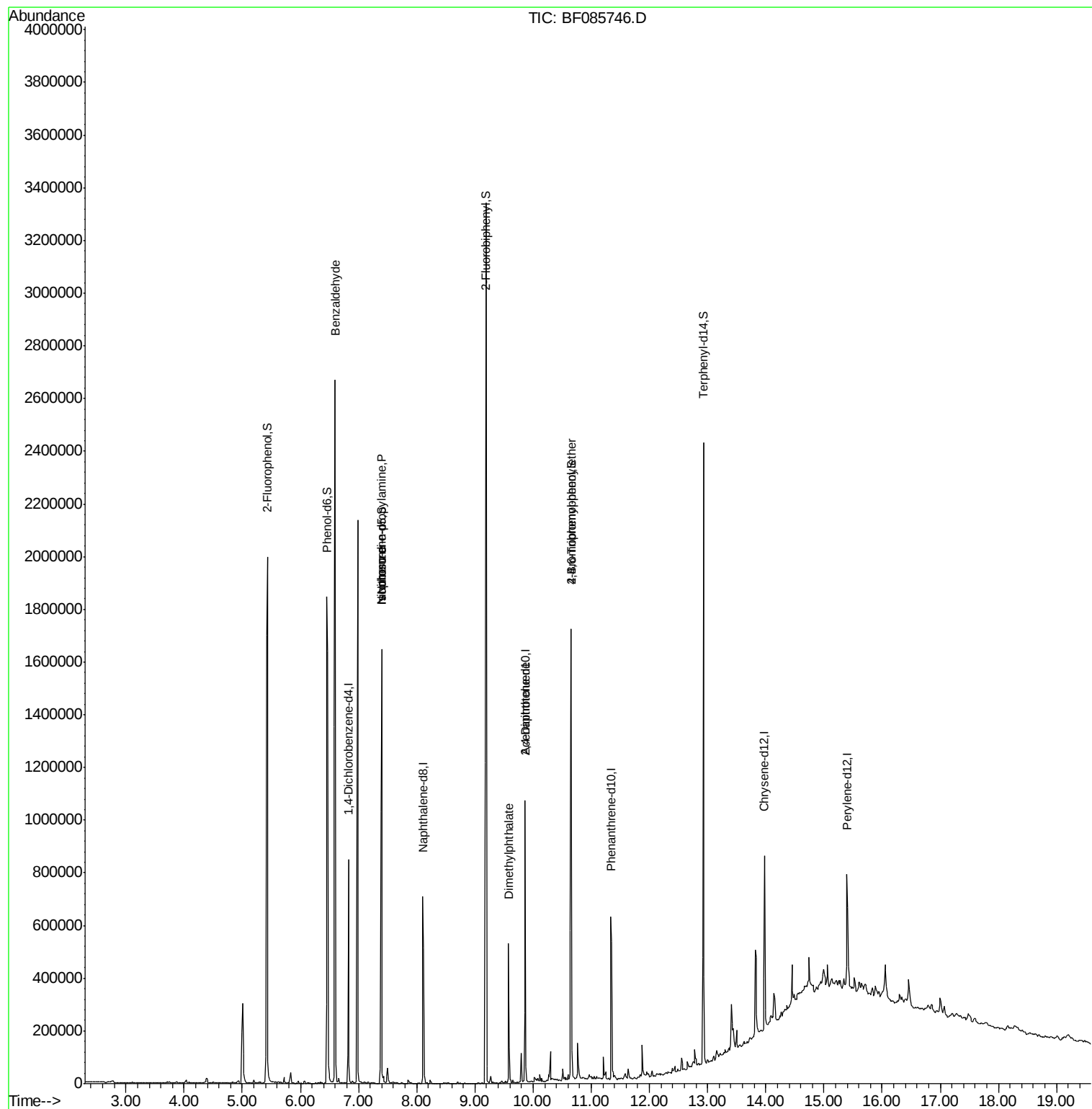
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	120060	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	435579	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	204152	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	318566	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	223855	20.00	ng	0.00
86) Perylene-d12	15.40	264	209450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	853812	118.44	ng	0.02
7) Phenol-d6	6.46	99	1071669	116.92	ng	0.00
23) Nitrobenzene-d5	7.40	82	696651	90.07	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	208560	107.52	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1076989	88.14	ng	0.00
78) Terphenyl-d14	12.93	244	688850	63.29	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	18670	3.38	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.40	70	90690	16.52	ng	# 74
25) Isophorone	7.40	82	677773	45.49	ng	# 68
37) 2-Methylnaphthalene	8.82	142	743	Below Cal		# 81
49) Dimethylphthalate	9.58	163	201253	12.99	ng	99
56) 2,4-Dinitrotoluene	9.86	165	26024	6.14	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	14304	4.39	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: 6.82 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF085746.D

Acq: 25 Mar 2016 7:04

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14A

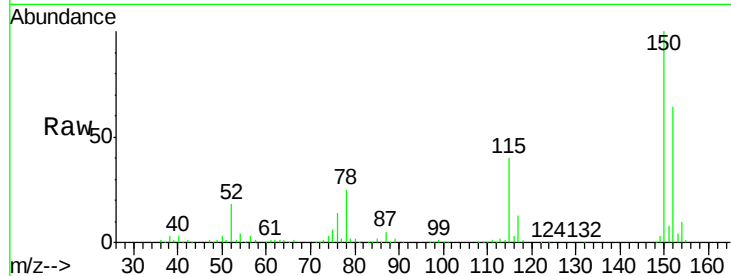
Tgt Ion:152 Resp: 120060

Ion Ratio Lower Upper

152 100

150 155.7 124.2 186.2

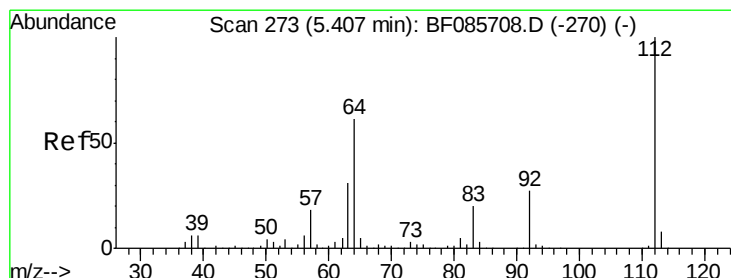
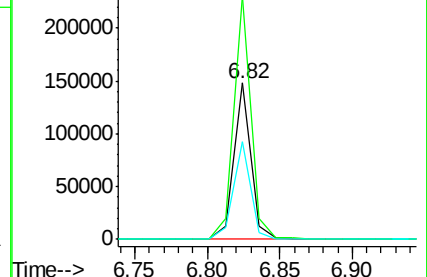
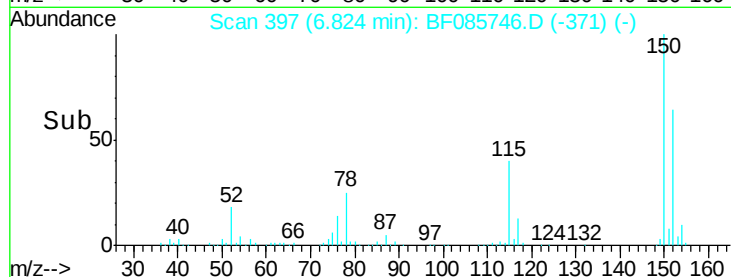
115 62.5 47.0 70.6



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: 118.44 ng

RT: 5.43 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF085746.D

Acq: 25 Mar 2016 7:04

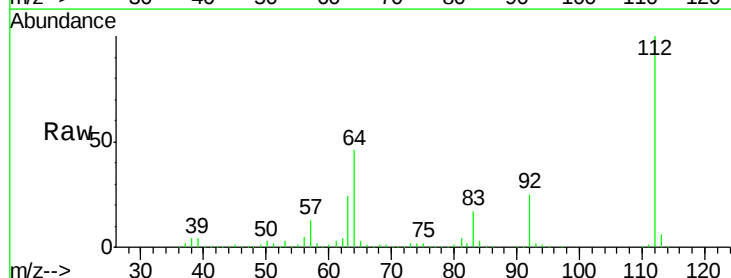
Tgt Ion:112 Resp: 853812

Ion Ratio Lower Upper

112 100

64 46.2 39.9 59.9

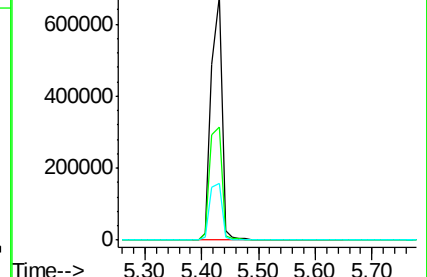
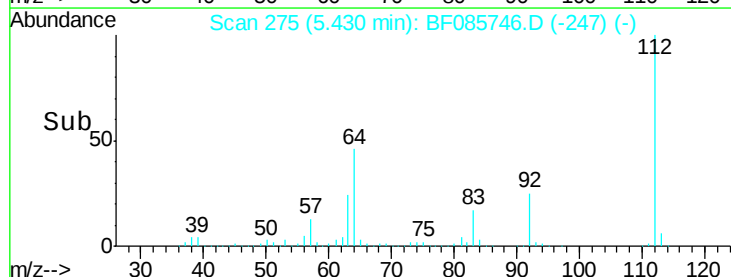
63 23.6 20.2 30.2



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: 116.92 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085746.D

Acq: 25 Mar 2016 7:04

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14A

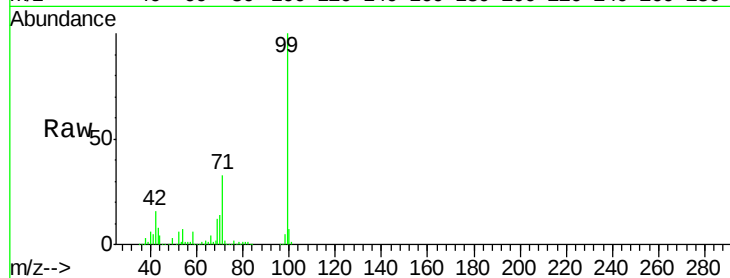
Tgt Ion: 99 Resp: 1071669

Ion Ratio Lower Upper

99 100

42 15.7 11.1 16.7

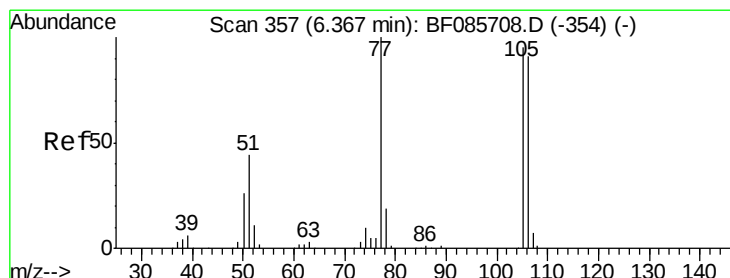
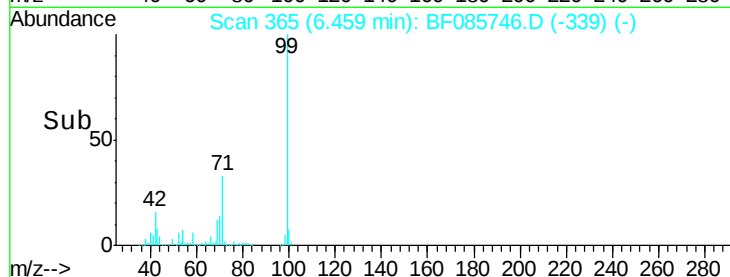
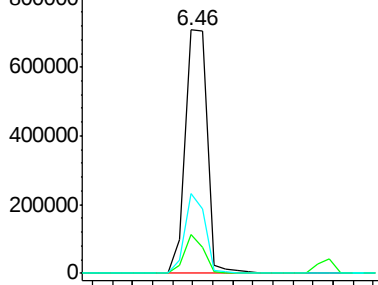
71 33.0 24.9 37.3



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: 3.38 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085746.D

Acq: 25 Mar 2016 7:04

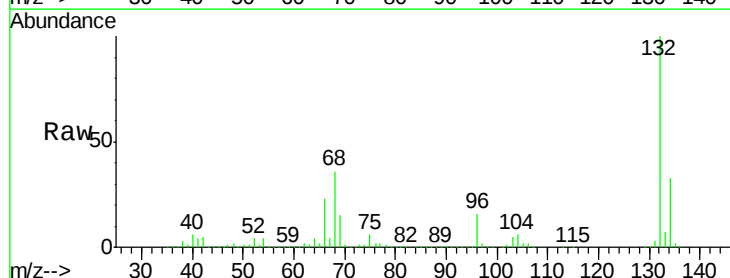
Tgt Ion: 77 Resp: 18670

Ion Ratio Lower Upper

77 100

105 90.9 80.1 120.1

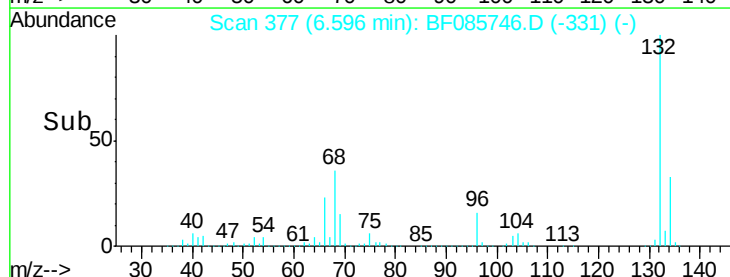
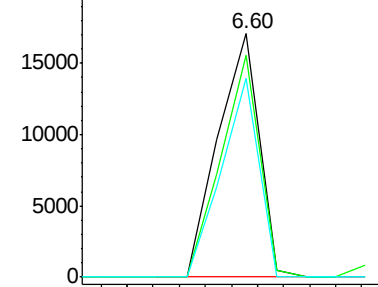
106 81.9 75.0 115.0

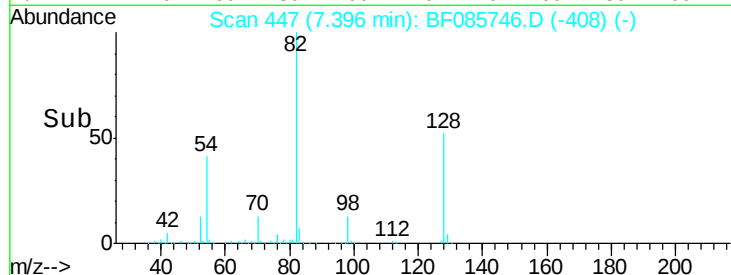
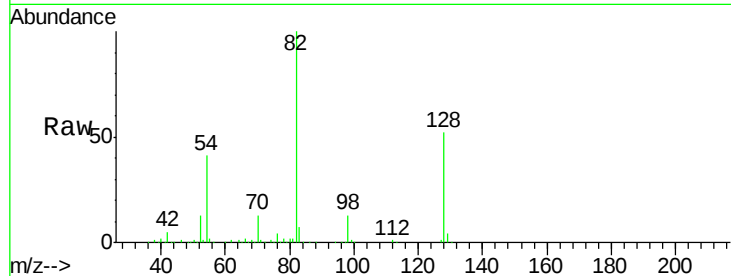
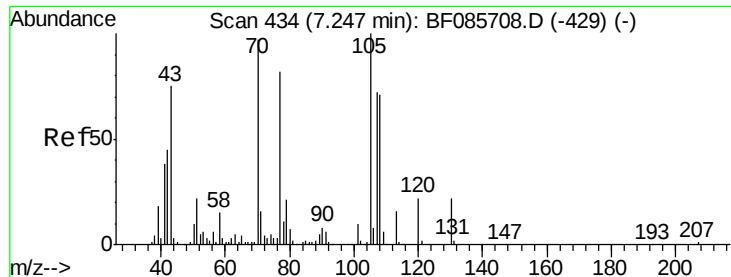


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

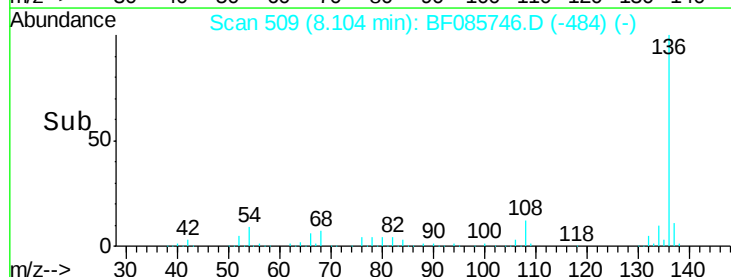
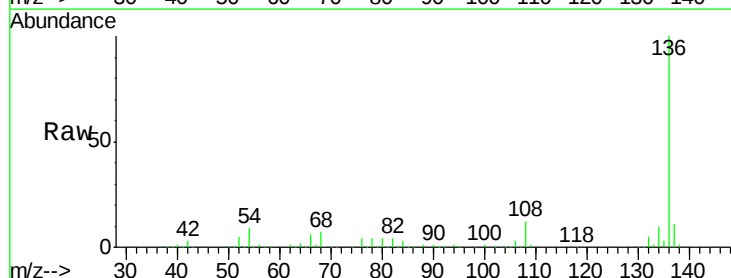
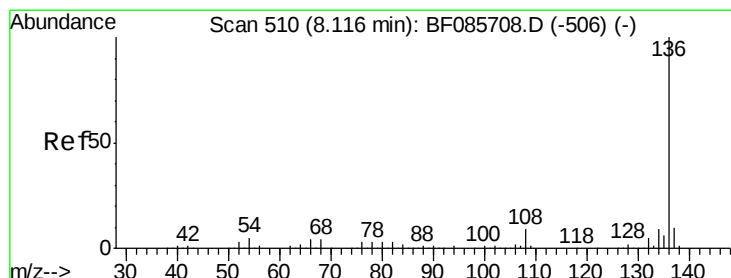
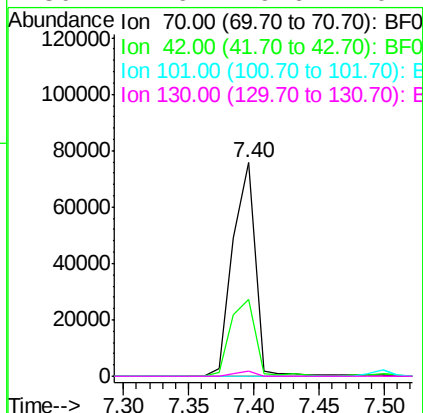




#19
n-Nitroso-di-n-propylamine
Concen: 16.52 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.15 min
Lab File: BF085746.D
Acq: 25 Mar 2016 7:04

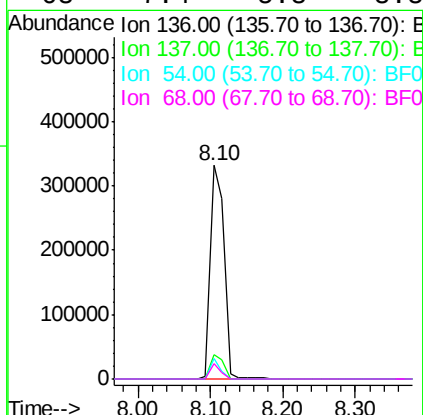
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-14A

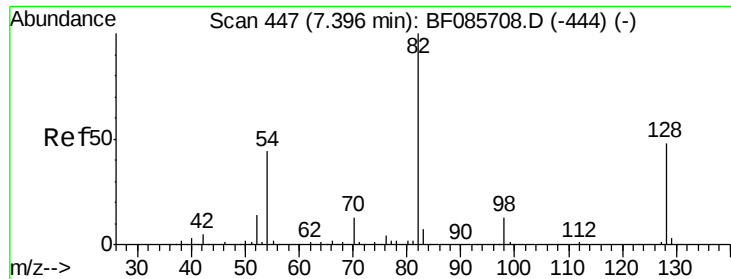
Tgt Ion: 70 Resp: 90690
Ion Ratio Lower Upper
70 100
42 36.0 37.1 55.7#
101 0.0 8.6 12.8#
130 2.6 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085746.D
Acq: 25 Mar 2016 7:04

Tgt Ion: 136 Resp: 435579
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.4 7.4 11.0
68 7.4 5.8 8.8

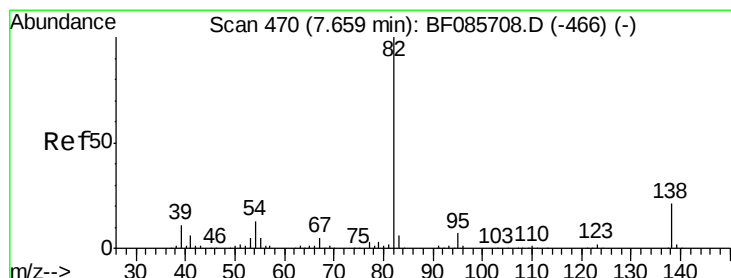
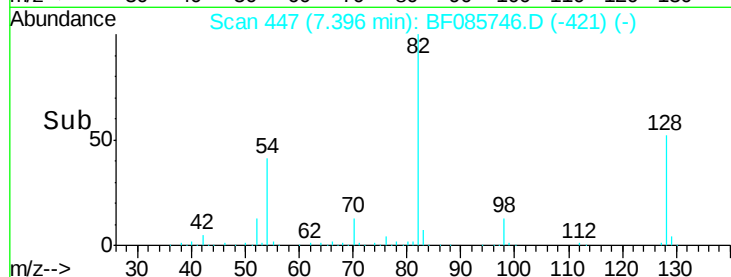
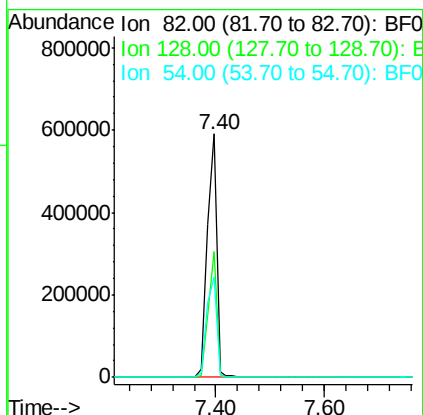
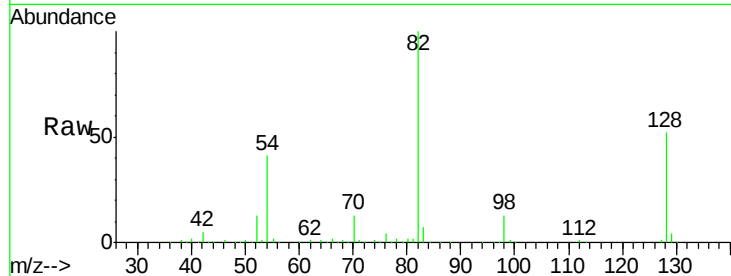




#23
 Nitrobenzene-d5
 Concen: 90.07 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085746.D
 Acq: 25 Mar 2016 7:04

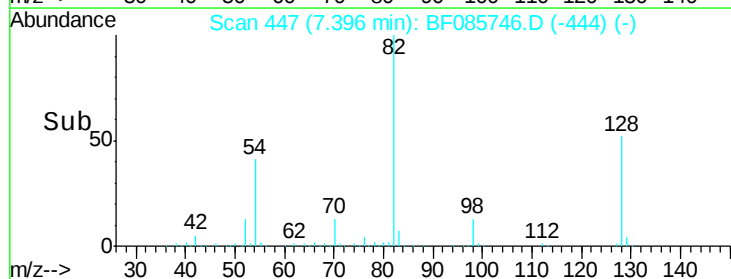
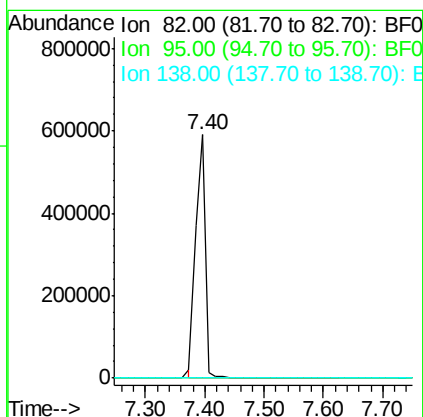
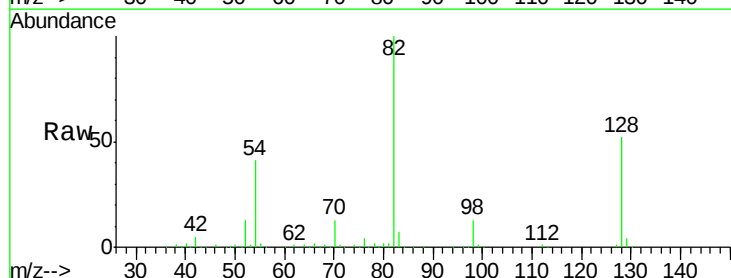
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-14A

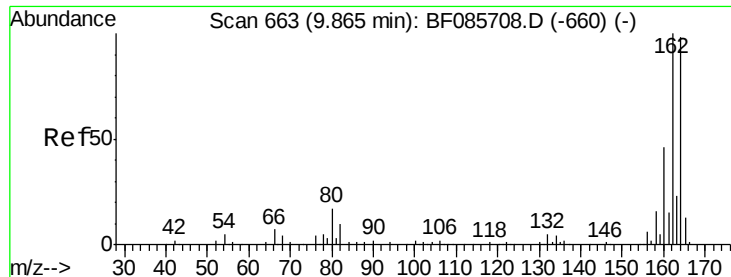
Tgt Ion: 82 Resp: 696651
 Ion Ratio Lower Upper
 82 100
 128 51.7 41.8 62.8
 54 41.2 33.4 50.0



#25
 Isophorone
 Concen: 45.49 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.26 min
 Lab File: BF085746.D
 Acq: 25 Mar 2016 7:04

Tgt Ion: 82 Resp: 677773
 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: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085746.D

Acq: 25 Mar 2016 7:04

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-14A

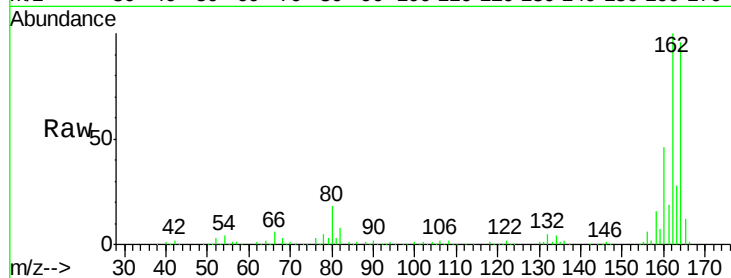
Tgt Ion:164 Resp: 204152

Ion Ratio Lower Upper

164 100

162 104.0 82.1 123.1

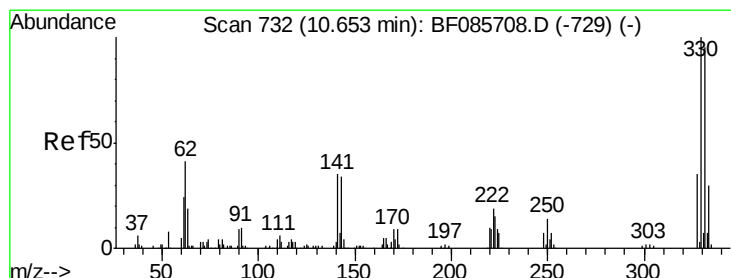
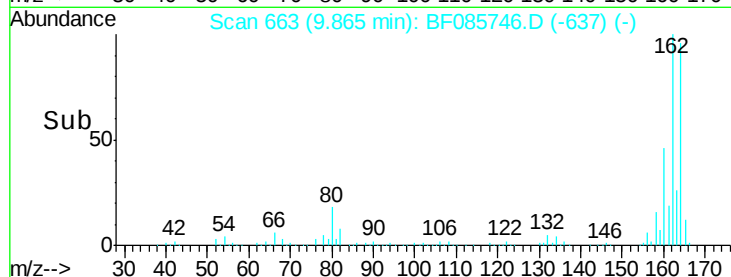
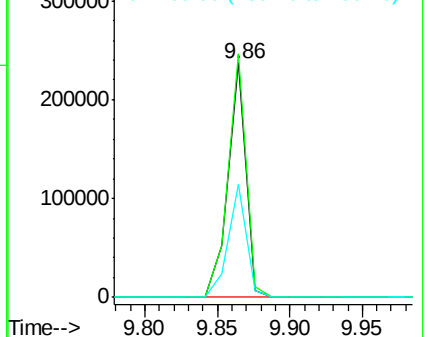
160 48.2 37.4 56.2



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: 107.52 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085746.D

Acq: 25 Mar 2016 7:04

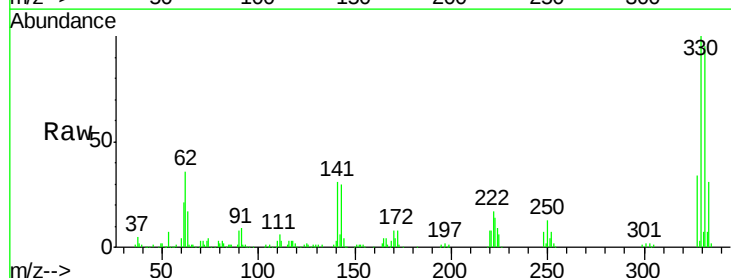
Tgt Ion:330 Resp: 208560

Ion Ratio Lower Upper

330 100

332 95.3 78.2 117.2

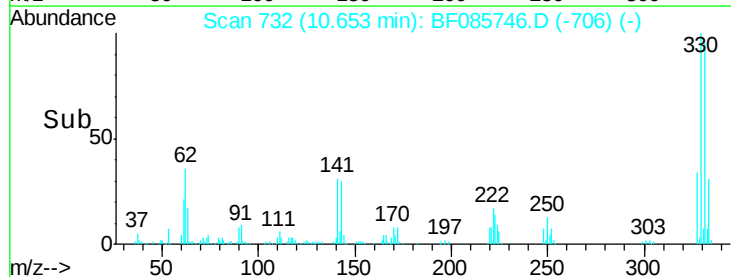
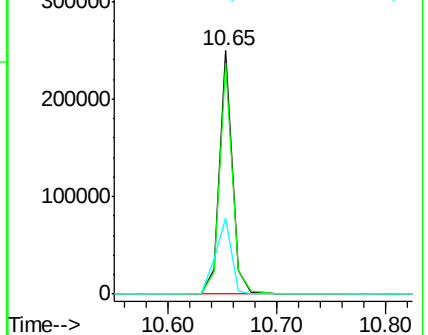
141 39.3 31.5 47.3

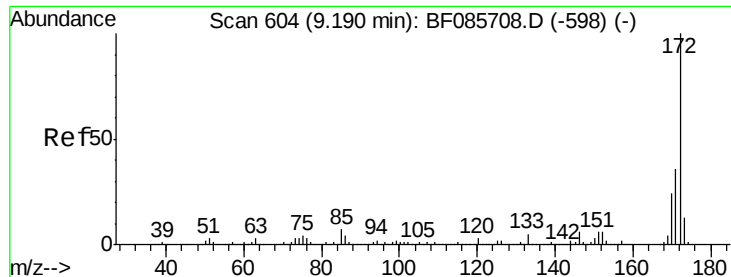


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

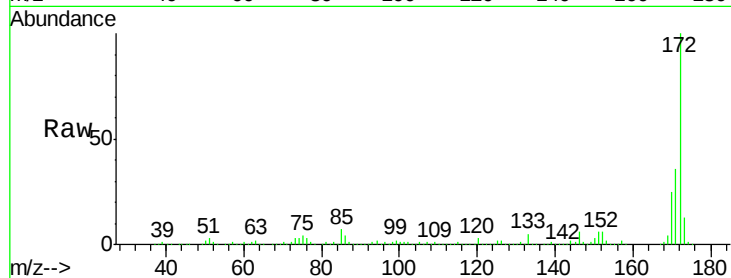




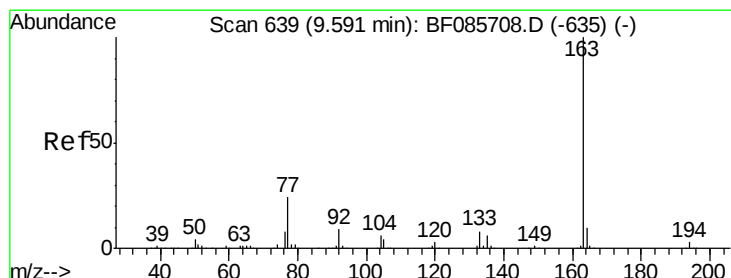
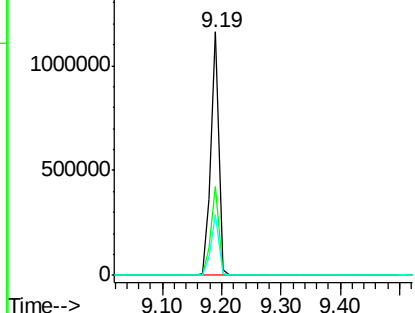
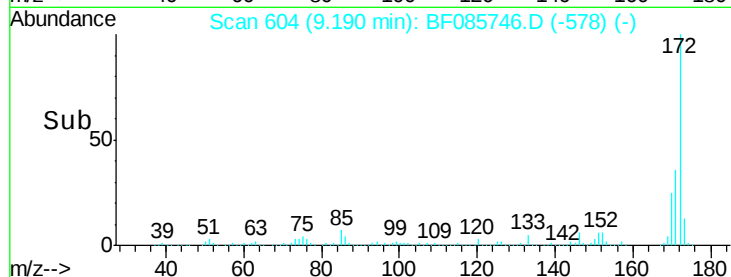
#44
 2-Fluorobiphenyl
 Concen: 88.14 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085746.D
 Acq: 25 Mar 2016 7:04

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-14A

Tgt Ion:172 Resp: 1076989
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.7 19.8 29.6

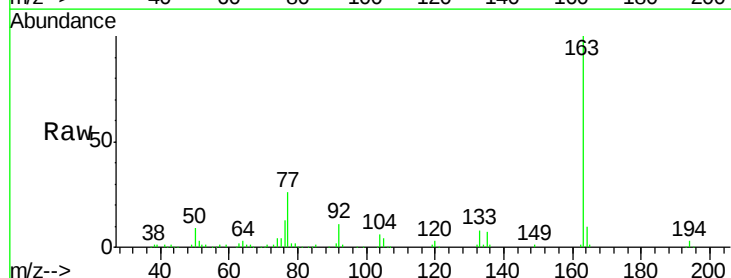


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

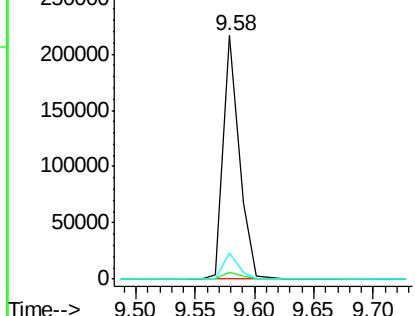
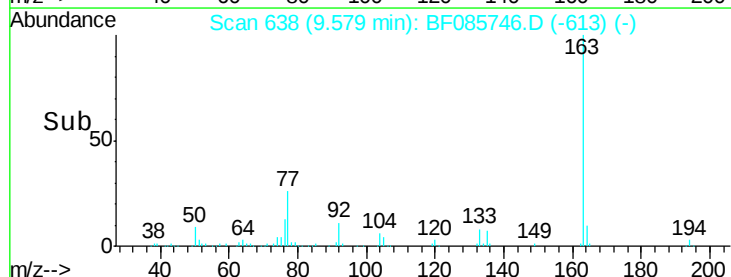


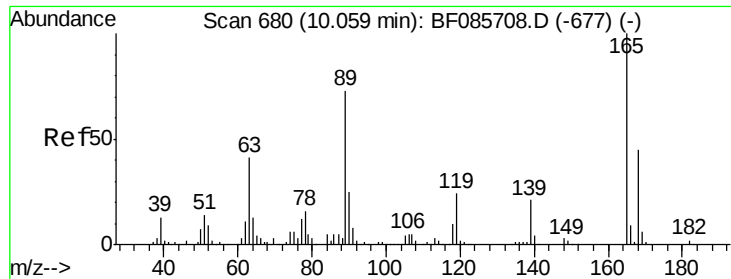
#49
 Dimethylphthalate
 Concen: 12.99 ng
 RT: 9.58 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF085746.D
 Acq: 25 Mar 2016 7:04

Tgt Ion:163 Resp: 201253
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.9 4.3
 164 10.5 8.3 12.5



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

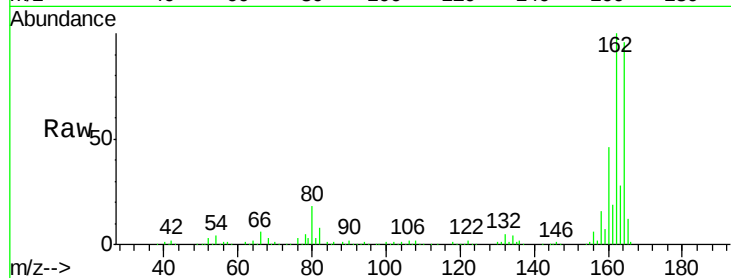




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF085746.D
 Acq: 25 Mar 2016 7:04

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-14A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.9	41.0	61.6#
182	0.0	2.1	3.1#

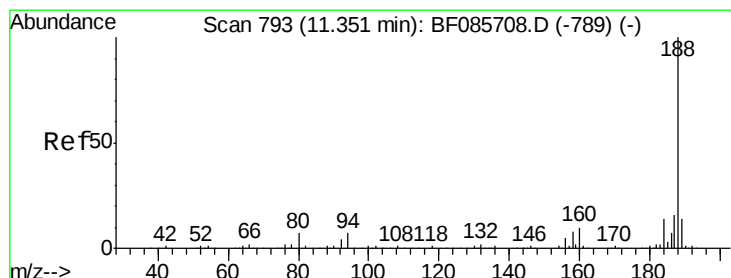
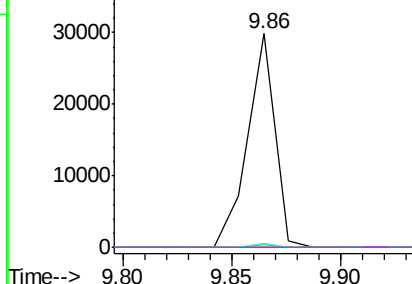
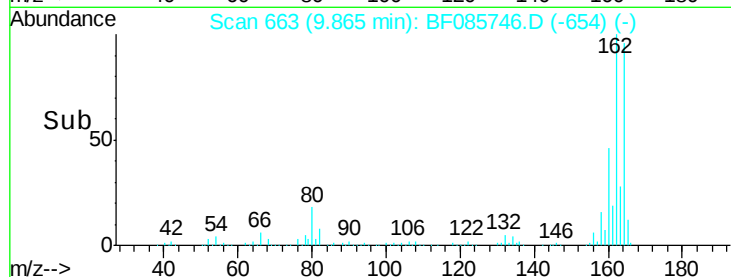


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

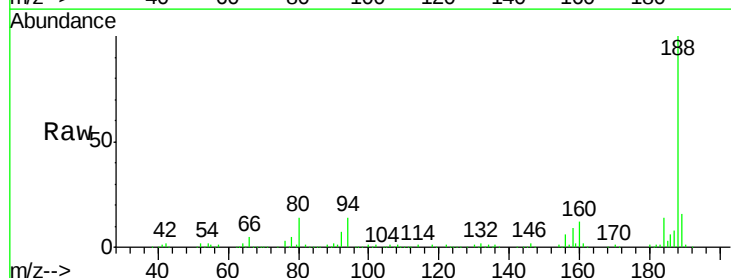
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085746.D
 Acq: 25 Mar 2016 7:04

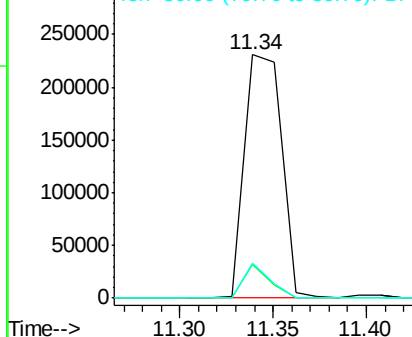
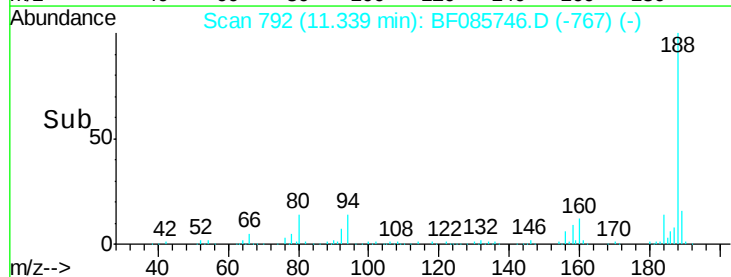
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.7	5.4	8.0#
80	14.5	5.5	8.3#

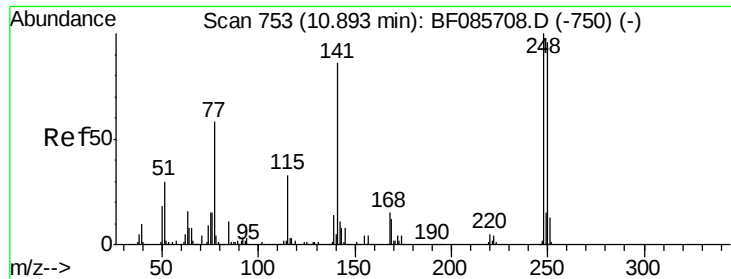


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

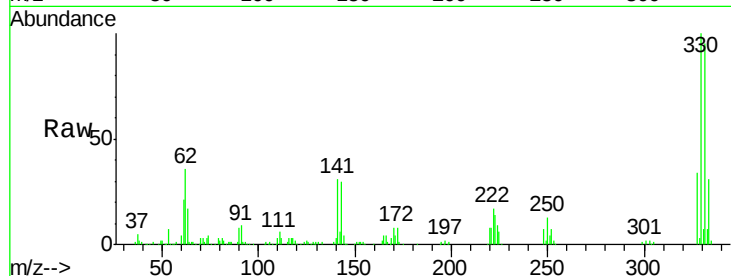




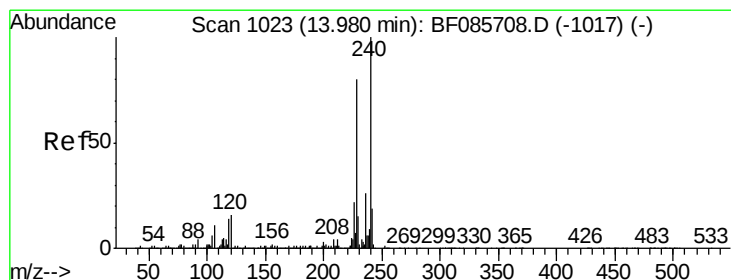
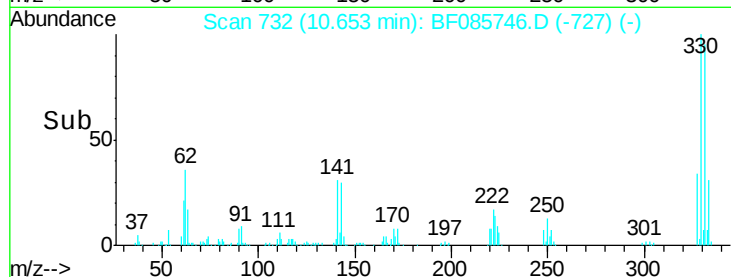
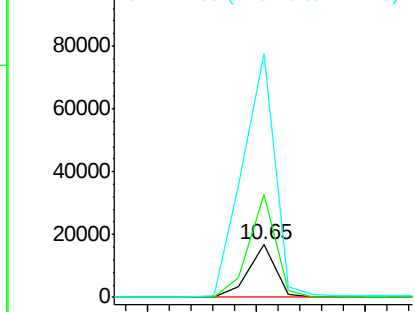
#66
 4-Bromophenyl-phenylether
 Concen: 4.39 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.24 min
 Lab File: BF085746.D
 Acq: 25 Mar 2016 7:04

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-14A

Tgt Ion:248 Resp: 14304
 Ion Ratio Lower Upper
 248 100
 250 195.2 77.4 116.0#
 141 462.7 63.6 95.4#

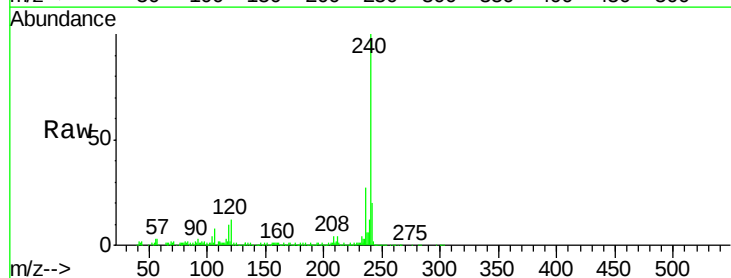


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

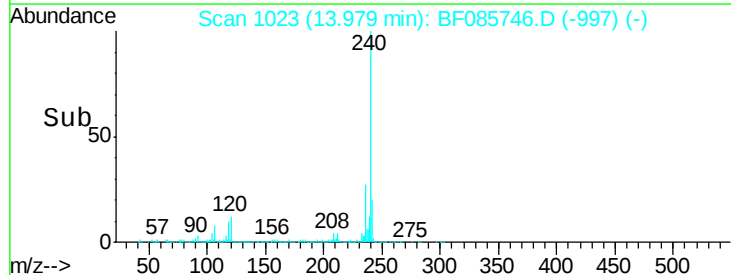
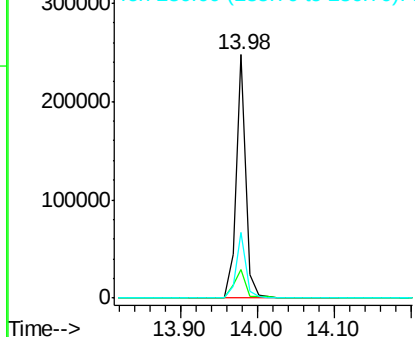


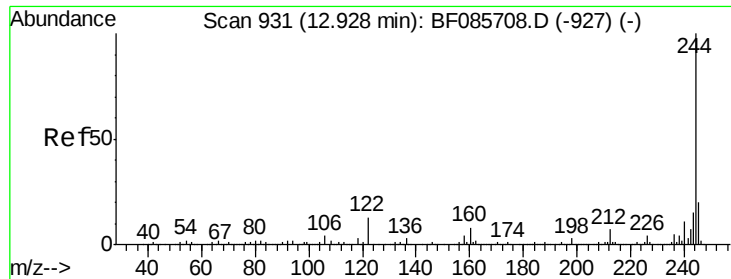
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF085746.D
 Acq: 25 Mar 2016 7:04

Tgt Ion:240 Resp: 223855
 Ion Ratio Lower Upper
 240 100
 120 11.8 13.8 20.8#
 236 26.7 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

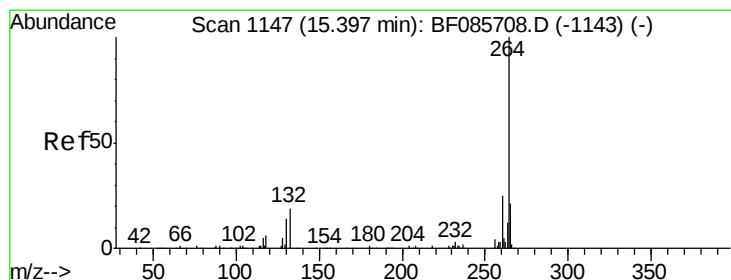
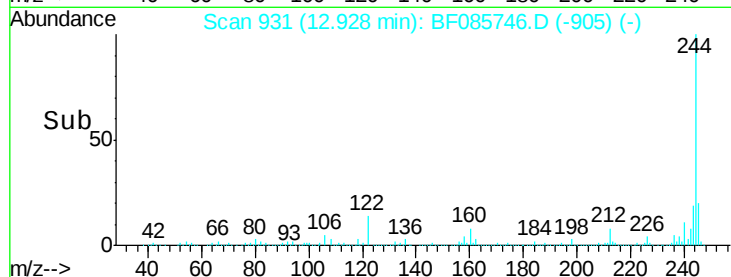
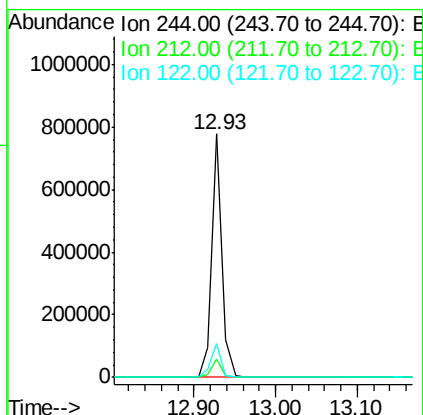
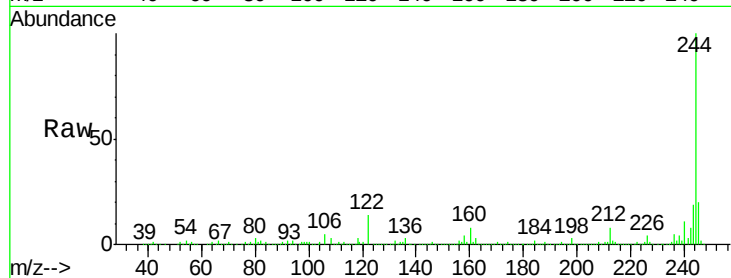




#78
 Terphenyl-d14
 Concen: 63.29 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085746.D
 Acq: 25 Mar 2016 7:04

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-14A

Tgt Ion:244 Resp: 688850
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 13.8 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085746.D
 Acq: 25 Mar 2016 7:04

Tgt Ion:264 Resp: 209450
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 23.1 17.2 25.8

