

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085833.D
 Acq On : 29 Mar 2016 6:09
 Operator : UM/SJ
 Sample : H1942-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMP

Quant Time: Mar 29 05:43:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

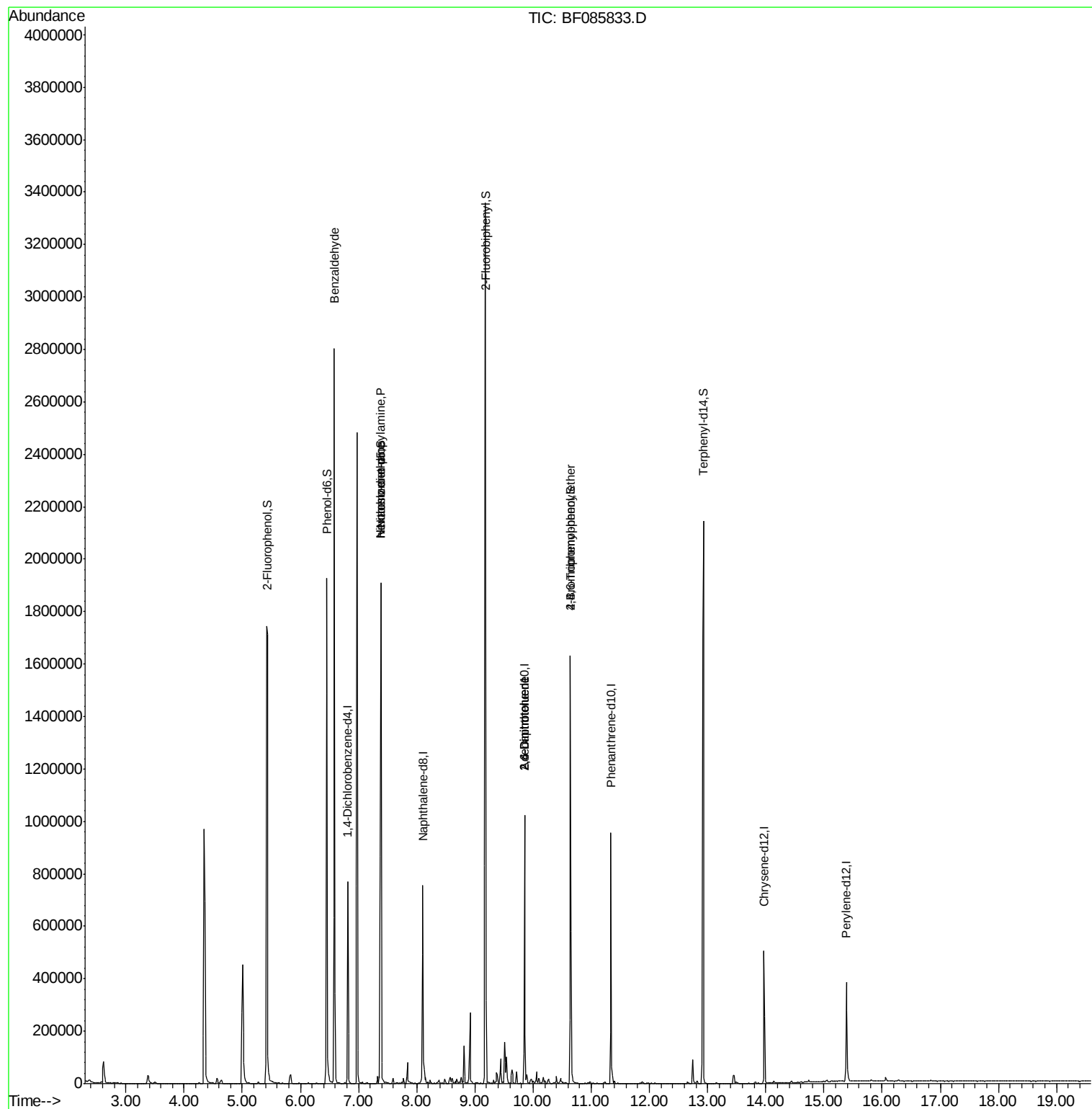
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	115164	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	444141	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	192521	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	338582	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	200478	20.00	ng	-0.01
86) Perylene-d12	15.39	264	184879	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	818536	118.37	ng	0.02
7) Phenol-d6	6.46	99	996114	113.30	ng	0.00
23) Nitrobenzene-d5	7.38	82	712964	90.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	226314	123.73	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1059096	91.91	ng	-0.01
78) Terphenyl-d14	12.93	244	922873	94.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	17513	3.31	ng	Qvalue 85
18) Hexachloroethane	7.38	117	11407	3.55	ng	# 3
19) n-Nitroso-di-n-propylamine	7.38	70	94319	17.92	ng	# 77
50) 2,6-Dinitrotoluene	9.85	165	25464	8.10	ng	# 19
56) 2,4-Dinitrotoluene	9.85	165	25464	6.37	ng	# 37
66) 4-Bromophenyl-phenylether	10.64	248	14742	4.26	ng	# 1

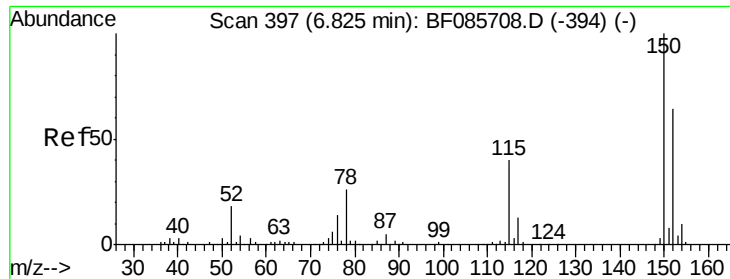
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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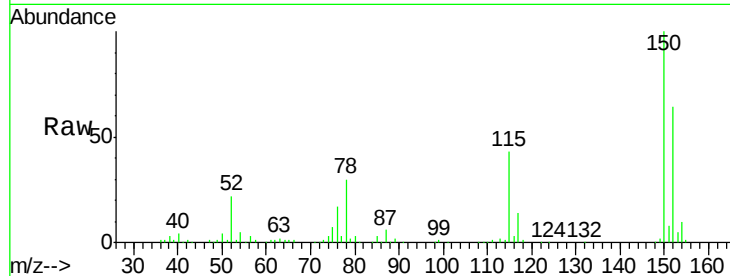




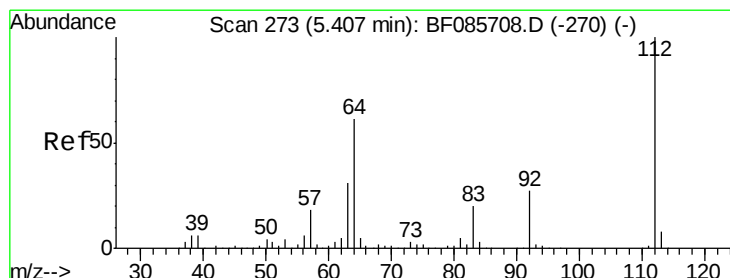
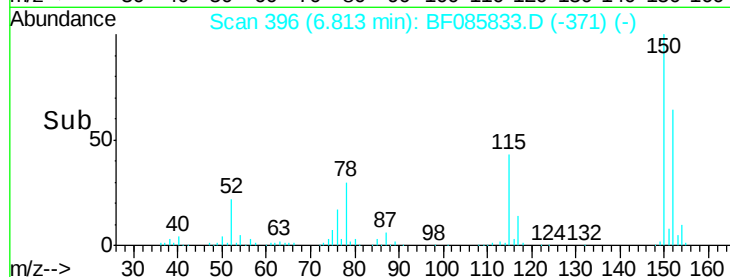
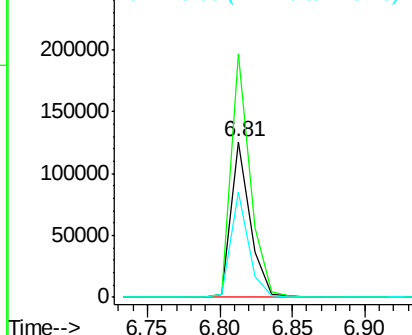
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF085833.D
 Acq: 29 Mar 2016 6:09

Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMP

Tgt Ion:152 Resp: 115164
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.2 186.2
 115 67.7 47.0 70.6

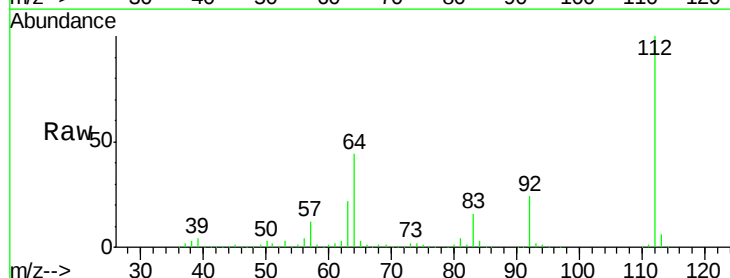


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

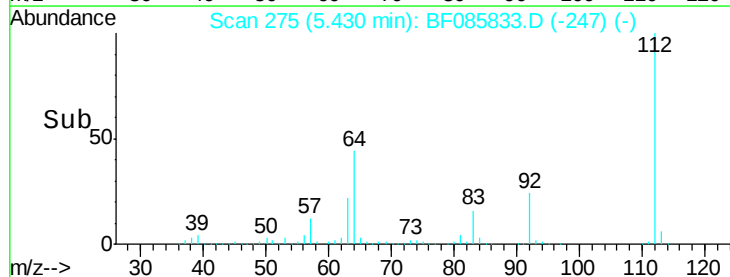
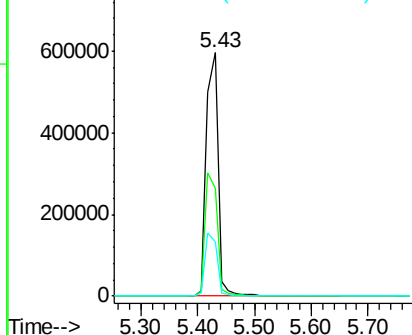


#5
 2-Fluorophenol
 Concen: 118.37 ng
 RT: 5.43 min Scan# 275
 Delta R.T. 0.02 min
 Lab File: BF085833.D
 Acq: 29 Mar 2016 6:09

Tgt Ion:112 Resp: 818536
 Ion Ratio Lower Upper
 112 100
 64 44.2 39.9 59.9
 63 22.4 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: 113.30 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085833.D

Acq: 29 Mar 2016 6:09

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

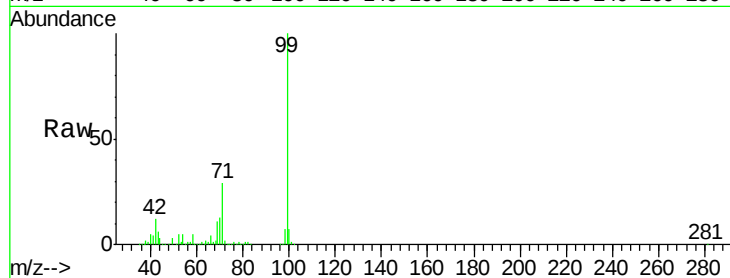
Tgt Ion: 99 Resp: 996114

Ion Ratio Lower Upper

99 100

42 12.4 11.1 16.7

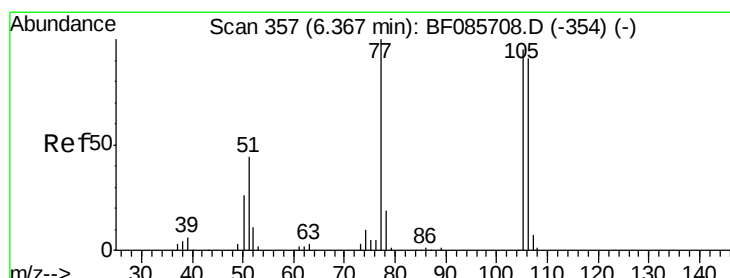
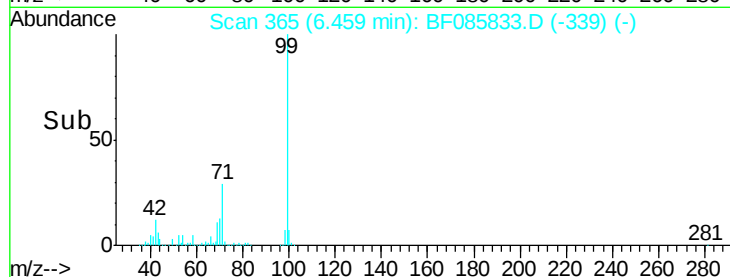
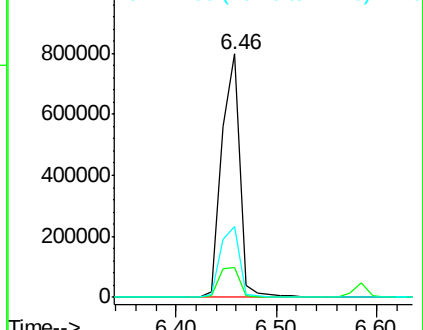
71 29.2 24.9 37.3



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: 3.31 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085833.D

Acq: 29 Mar 2016 6:09

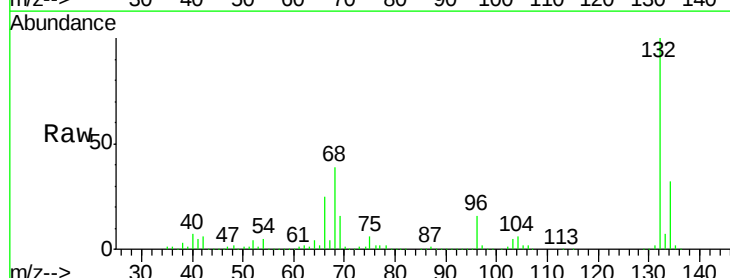
Tgt Ion: 77 Resp: 17513

Ion Ratio Lower Upper

77 100

105 84.4 80.1 120.1

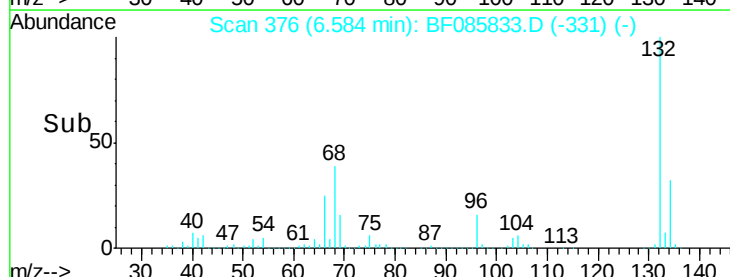
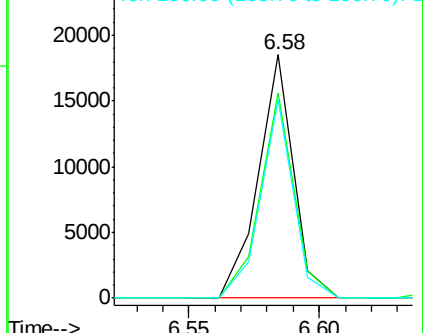
106 81.9 75.0 115.0

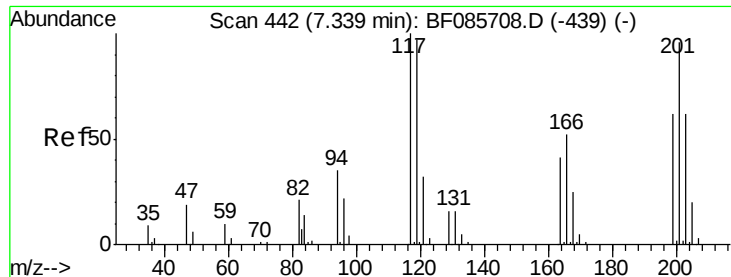


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

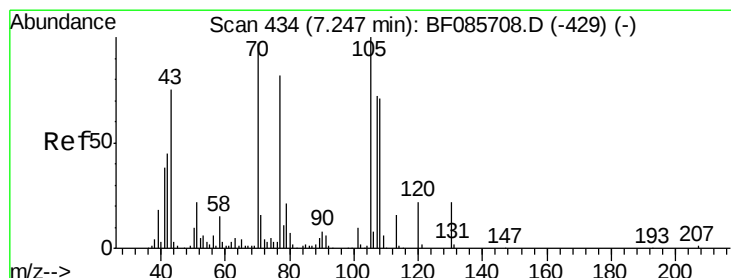
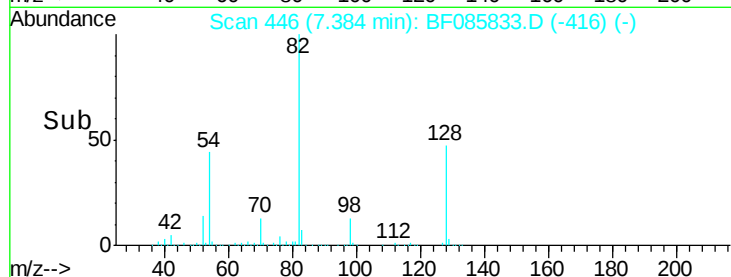
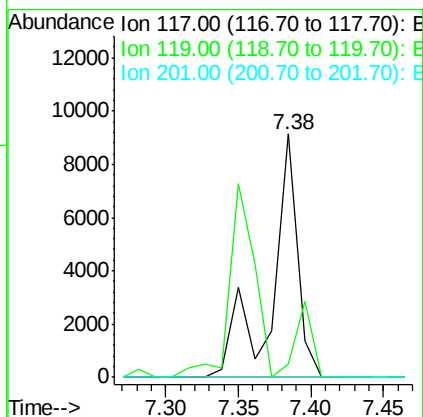
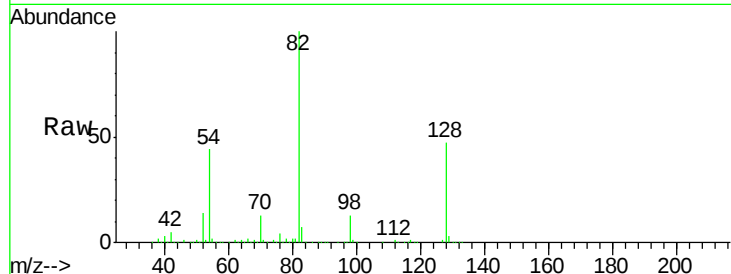




#18
Hexachloroethane
Concen: 3.55 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.05 min
Lab File: BF085833.D
Acq: 29 Mar 2016 6:09

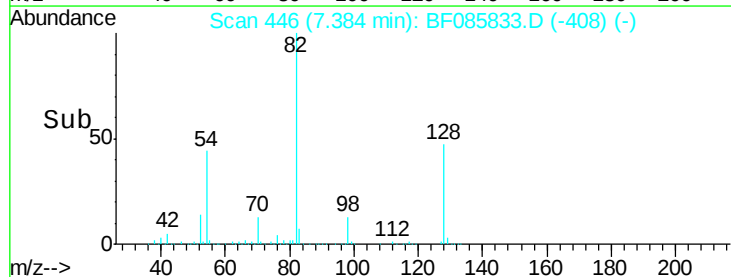
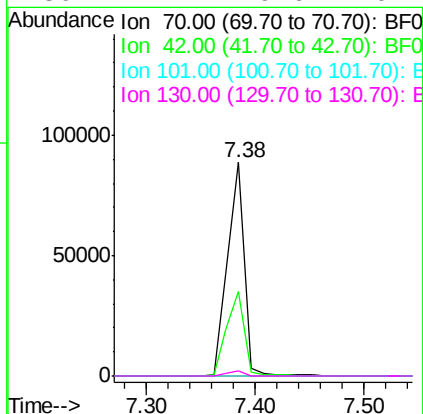
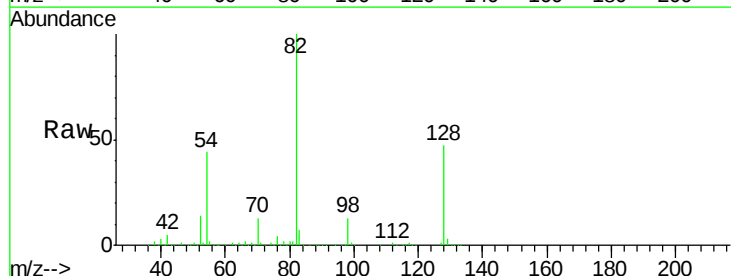
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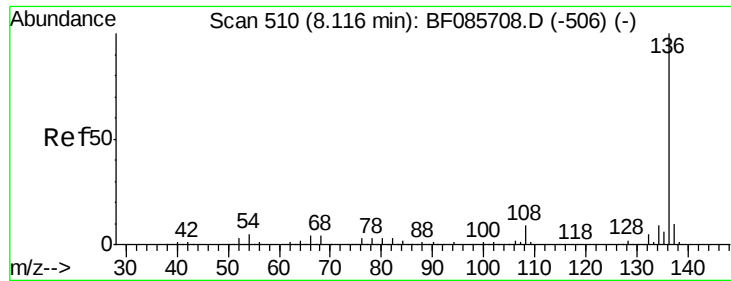
Tgt Ion: 117 Resp: 11407
Ion Ratio Lower Upper
117 100
119 5.3 76.7 115.1#
201 0.0 83.3 124.9#



#19
n-Nitroso-di-n-propylamine
Concen: 17.92 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.14 min
Lab File: BF085833.D
Acq: 29 Mar 2016 6:09

Tgt Ion: 70 Resp: 94319
Ion Ratio Lower Upper
70 100
42 39.8 37.1 55.7
101 0.0 8.6 12.8#
130 2.4 19.6 29.4#

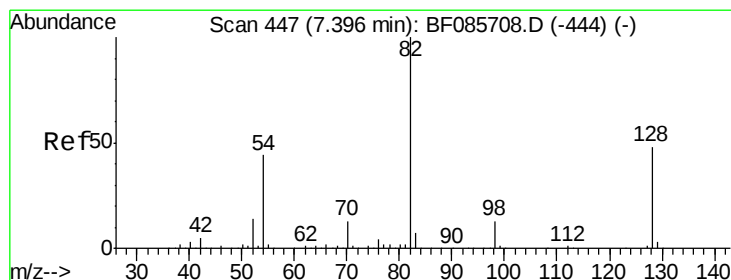
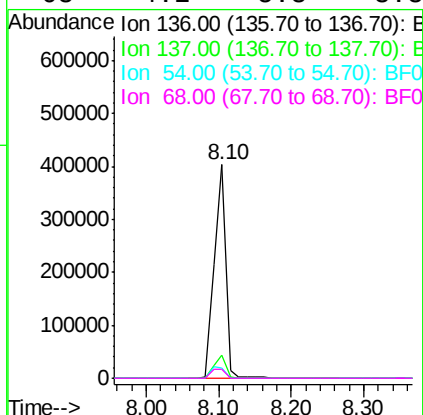
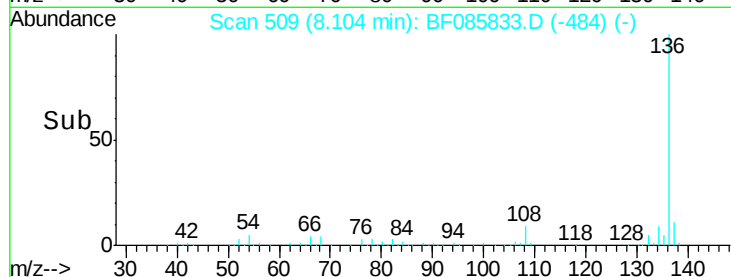
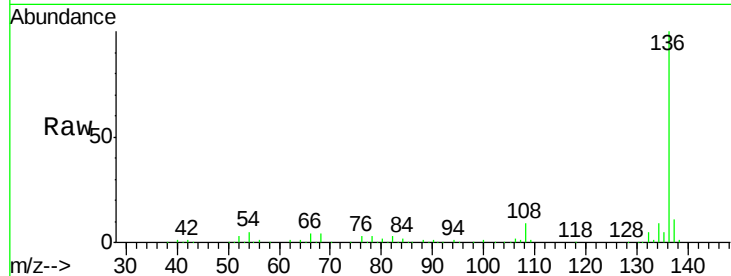




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085833.D
Acq: 29 Mar 2016 6:09

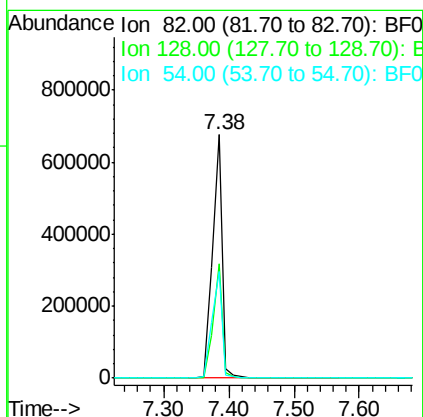
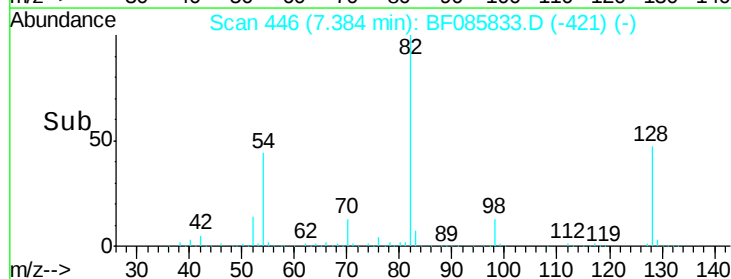
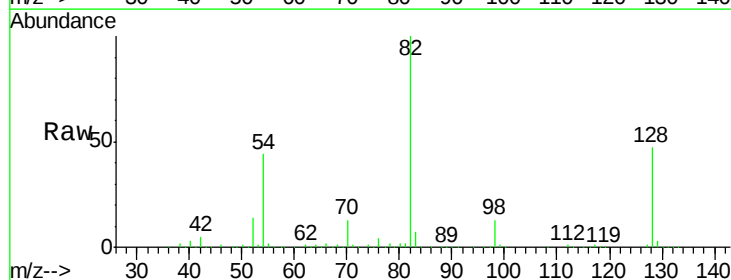
Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMP

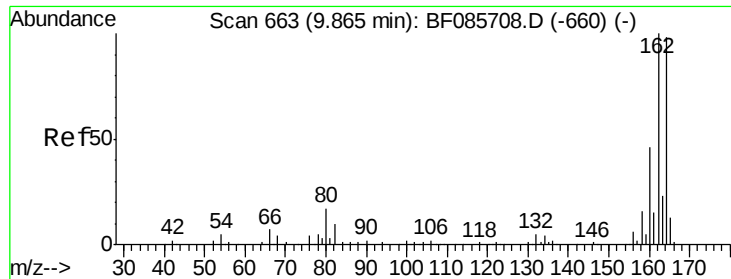
Tgt Ion: 136 Resp: 444141
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 5.1 7.4 11.0#
68 4.2 5.8 8.8#



#23
Nitrobenzene-d5
Concen: 90.40 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085833.D
Acq: 29 Mar 2016 6:09

Tgt Ion: 82 Resp: 712964
Ion Ratio Lower Upper
82 100
128 46.9 41.8 62.8
54 43.6 33.4 50.0

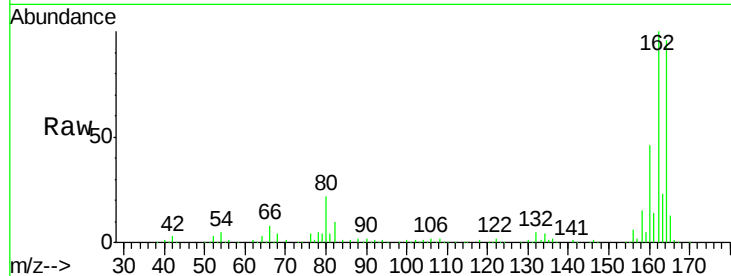




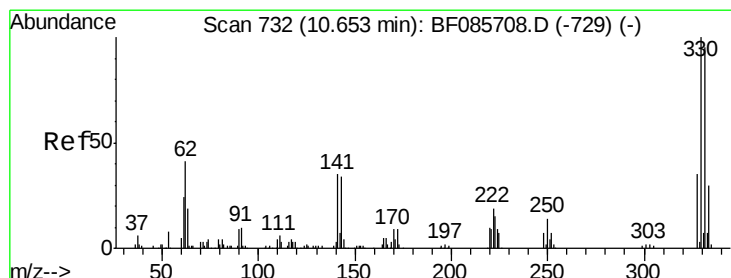
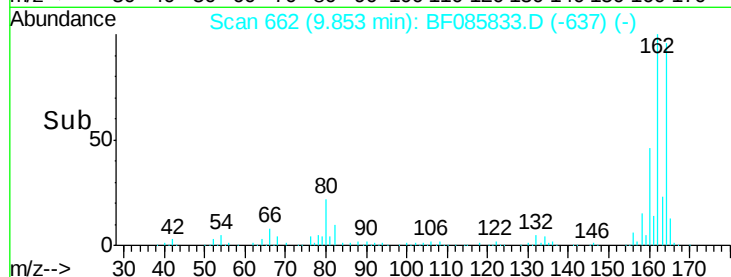
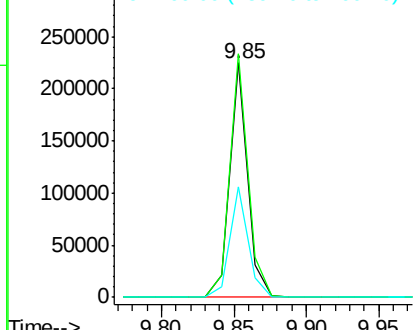
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085833.D
 Acq: 29 Mar 2016 6:09

Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMP

Tgt Ion:164 Resp: 192521
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.1 123.1
 160 47.3 37.4 56.2

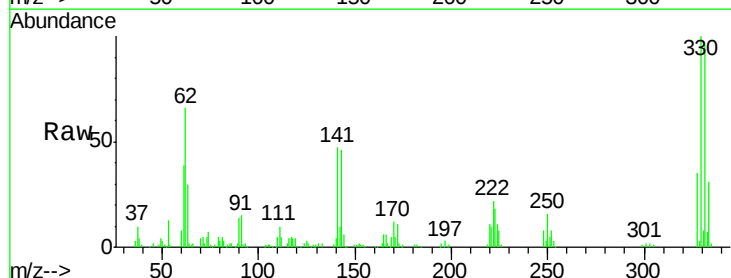


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

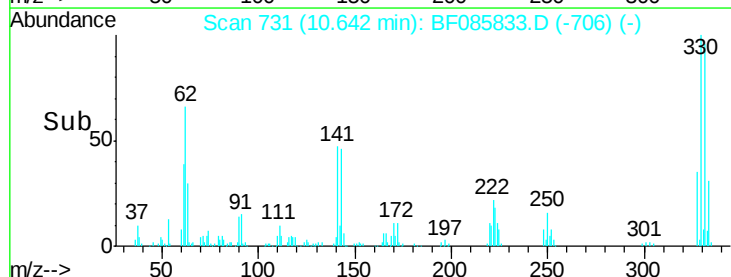
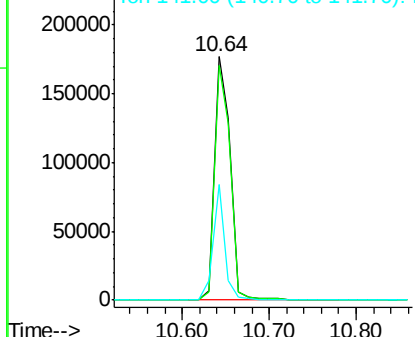


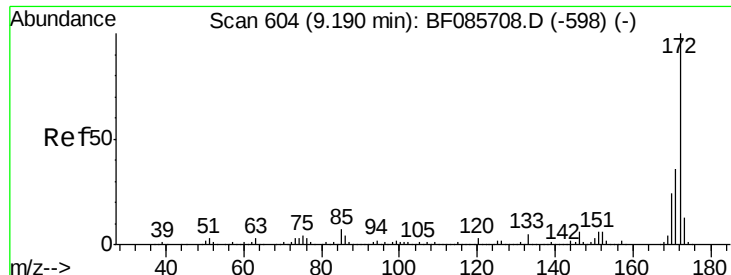
#41
 2,4,6-Tribromophenol
 Concen: 123.73 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085833.D
 Acq: 29 Mar 2016 6:09

Tgt Ion:330 Resp: 226314
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.2 117.2
 141 35.7 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

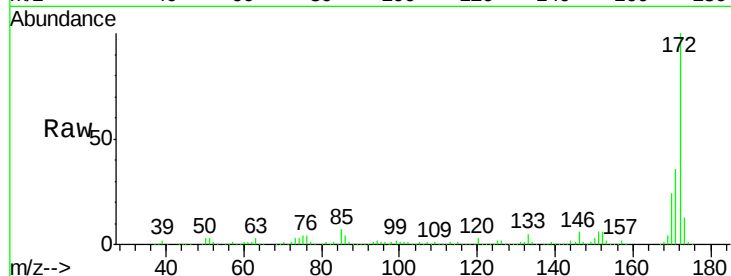




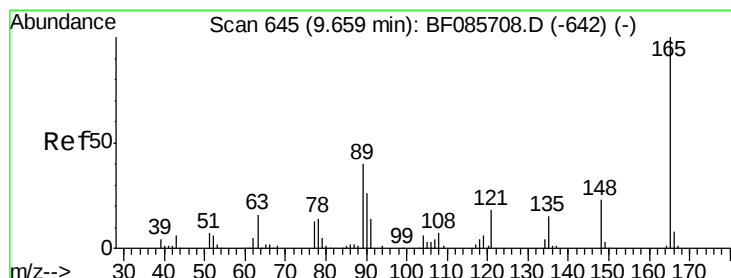
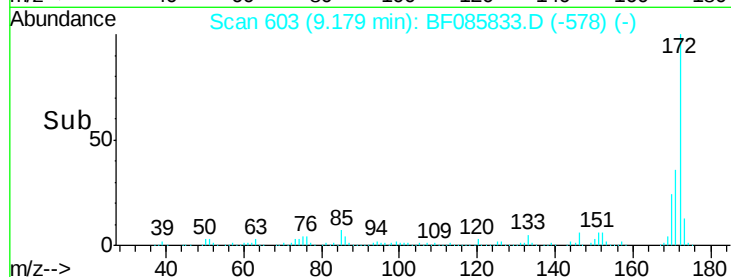
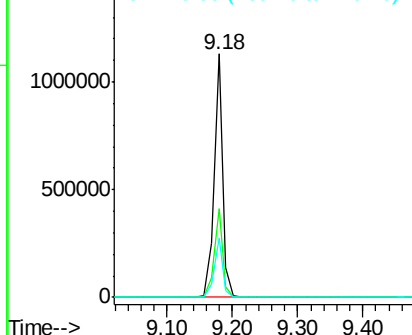
#44
 2-Fluorobiphenyl
 Concen: 91.91 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085833.D
 Acq: 29 Mar 2016 6:09

Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMP

Tgt Ion:172 Resp: 1059096
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.2 19.8 29.6

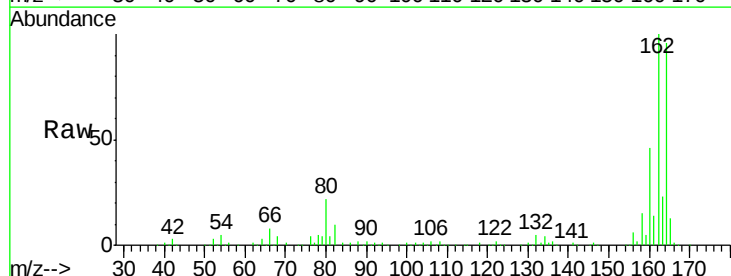


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

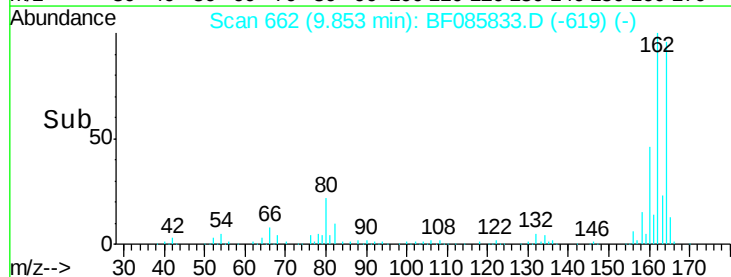
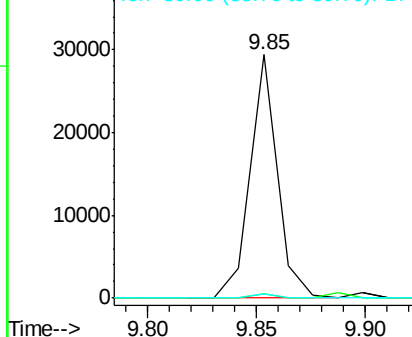


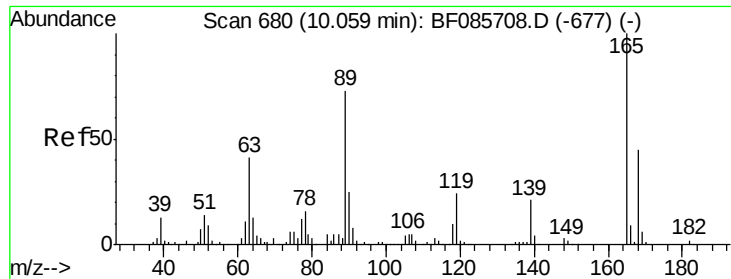
#50
 2,6-Dinitrotoluene
 Concen: 8.10 ng
 RT: 9.85 min Scan# 662
 Delta R.T. 0.19 min
 Lab File: BF085833.D
 Acq: 29 Mar 2016 6:09

Tgt Ion:165 Resp: 25464
 Ion Ratio Lower Upper
 165 100
 63 1.6 51.8 77.8#
 89 1.9 53.7 80.5#



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

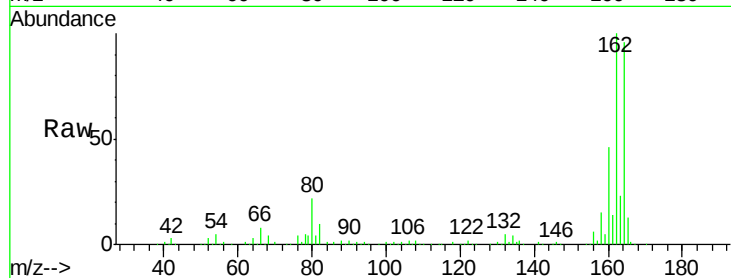




#56
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.21 min
Lab File: BF085833.D
Acq: 29 Mar 2016 6:09

Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	24.9	37.3#
89	1.9	41.0	61.6#
182	0.0	2.1	3.1#

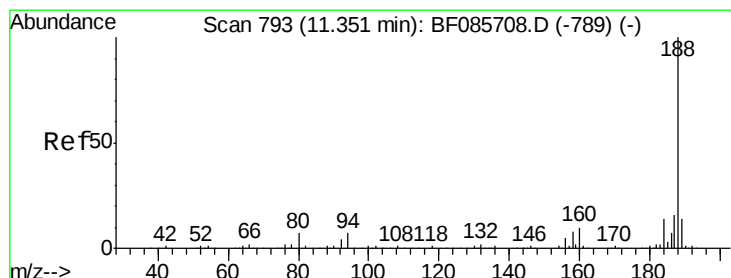
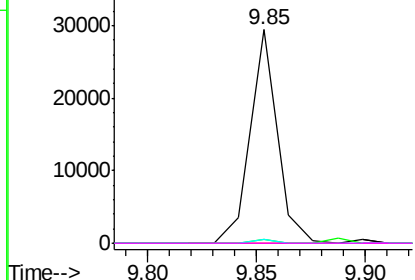
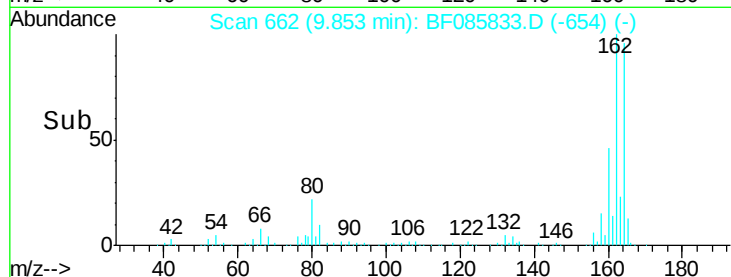


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

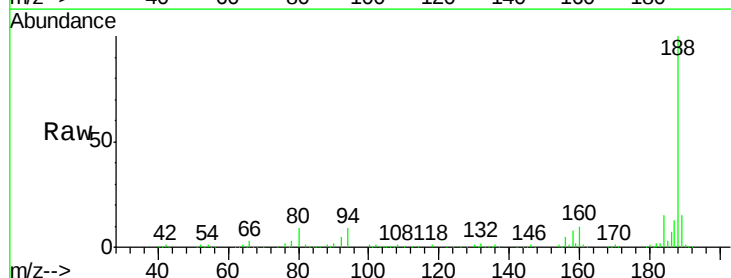
Ion 89.00 (88.70 to 89.70): BF0

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: BF085833.D
Acq: 29 Mar 2016 6:09

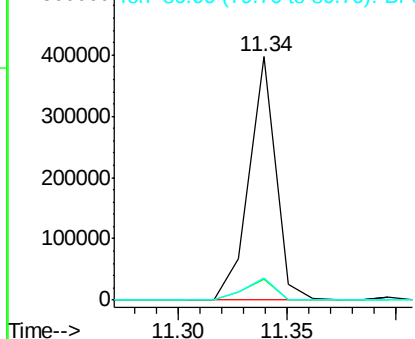
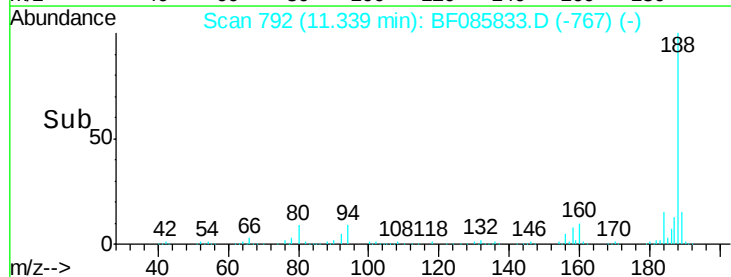
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.4	8.0#
80	8.9	5.5	8.3#

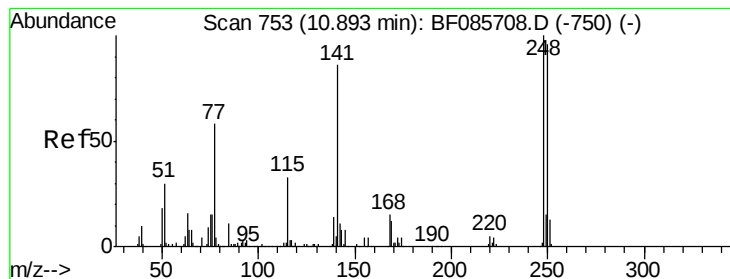


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.26 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.25 min

Lab File: BF085833.D

Acq: 29 Mar 2016 6:09

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMP

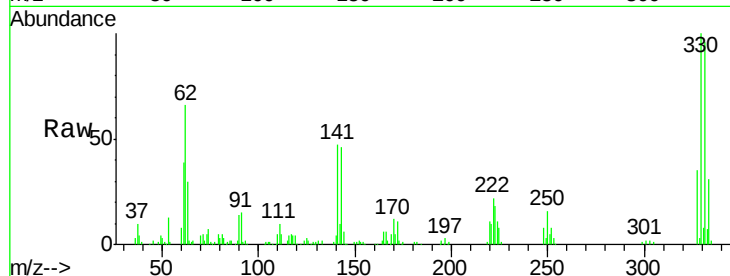
Tgt Ion:248 Resp: 14742

Ion Ratio Lower Upper

248 100

250 193.5 77.4 116.0#

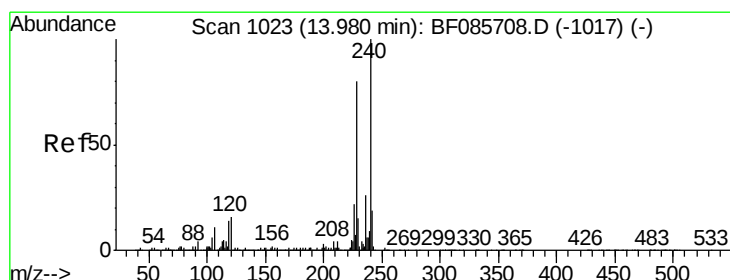
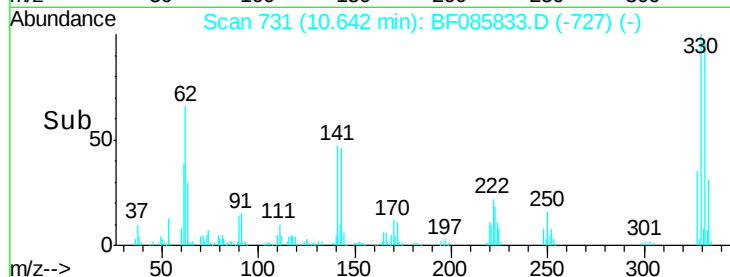
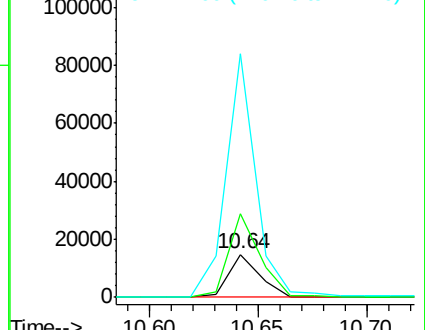
141 566.2 63.6 95.4#



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: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085833.D

Acq: 29 Mar 2016 6:09

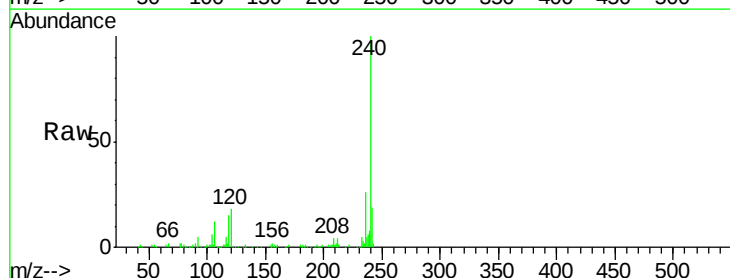
Tgt Ion:240 Resp: 200478

Ion Ratio Lower Upper

240 100

120 17.7 13.8 20.8

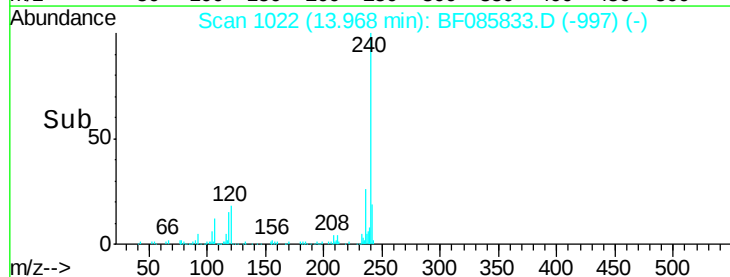
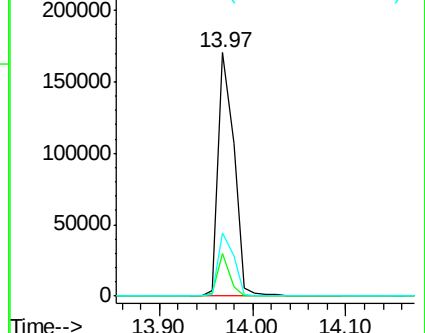
236 26.1 20.6 30.8

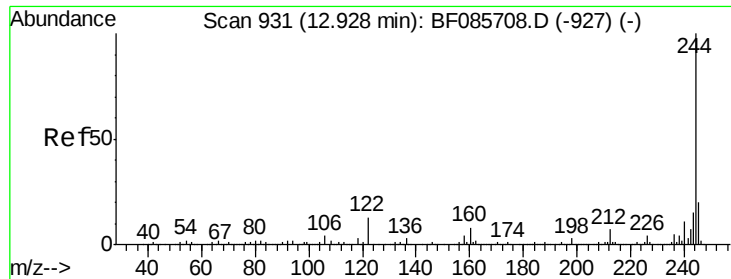


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

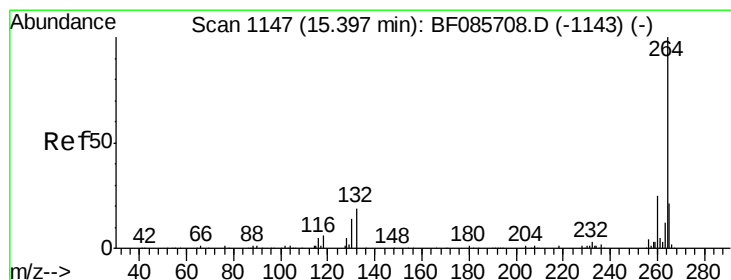
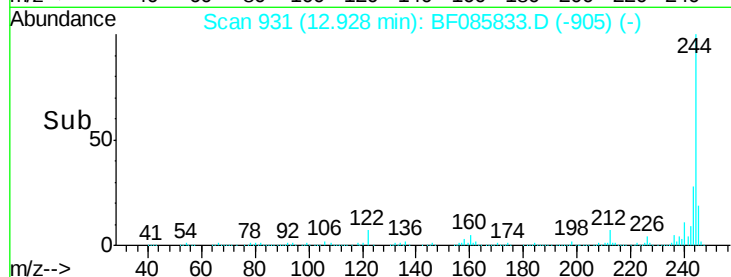
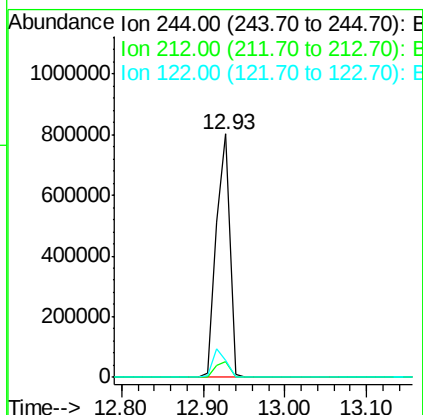
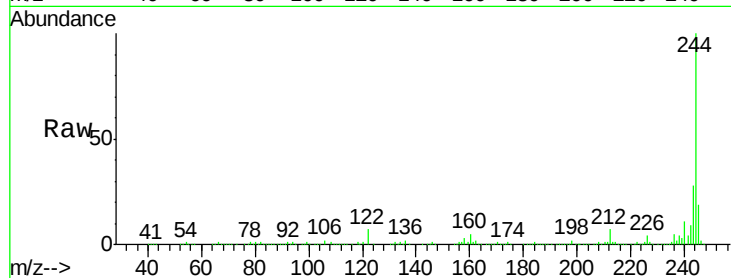




#78
 Terphenyl-d14
 Concen: 94.67 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085833.D
 Acq: 29 Mar 2016 6:09

Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMP

Tgt Ion:244 Resp: 922873
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 6.9 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF085833.D
 Acq: 29 Mar 2016 6:09

Tgt Ion:264 Resp: 184879
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.2 17.2 25.8

