

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082749.D
 Acq On : 6 Nov 2015 3:34
 Operator : UM/IZ
 Sample : G4282-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCFSW1-10

Quant Time: Nov 06 04:56:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

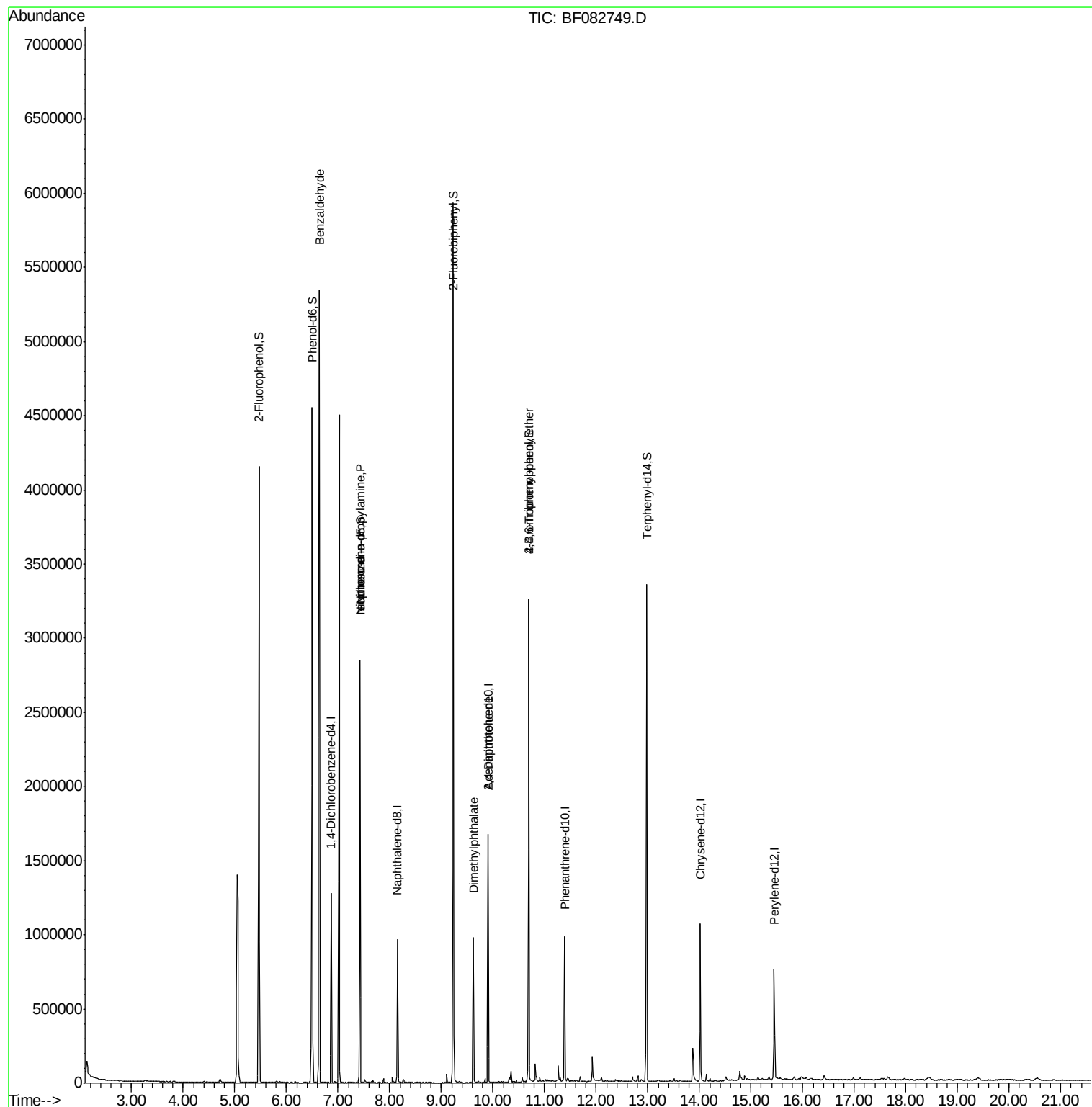
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	163311	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	574333	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	310008	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	514190	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	386775	20.00	ng	-0.03
86) Perylene-d12	15.45	264	366270	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1197812	110.47	ng	0.00
7) Phenol-d6	6.50	99	1592000	110.52	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1054865	75.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	414724	122.24	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1679467	76.92	ng	-0.02
78) Terphenyl-d14	12.98	244	1458627	82.53	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	39569	4.02	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.42	70	145717	13.34	ng	# 73
25) Isophorone	7.42	82	821131	31.73	ng	# 69
49) Dimethylphthalate	9.62	163	345722	13.66	ng	99
56) 2,4-Dinitrotoluene	9.90	165	40054	5.64	ng	# 15
66) 4-Bromophenyl-phenylether	10.69	248	28841	4.95	ng	# 1

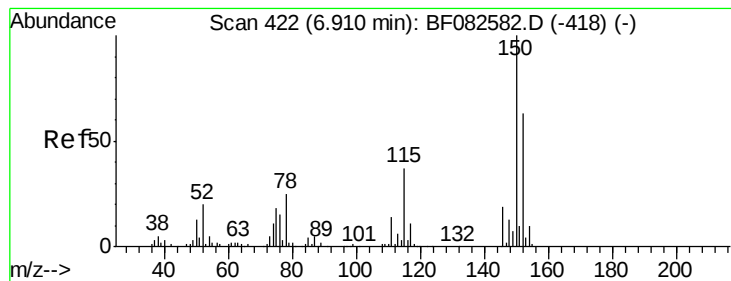
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082749.D

Acq: 6 Nov 2015 3:34

Instrument :

BNA_F

ClientSampleId :

OCFSW1-10

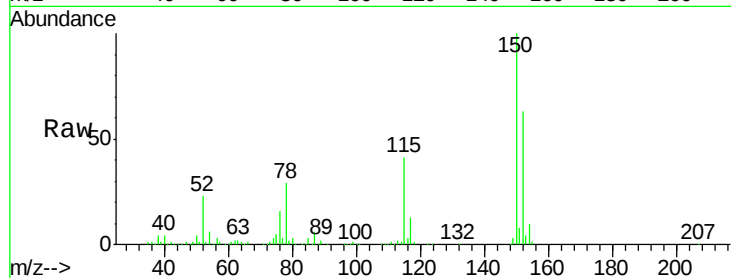
Tgt Ion:152 Resp: 163311

Ion Ratio Lower Upper

152 100

150 159.5 127.0 190.4

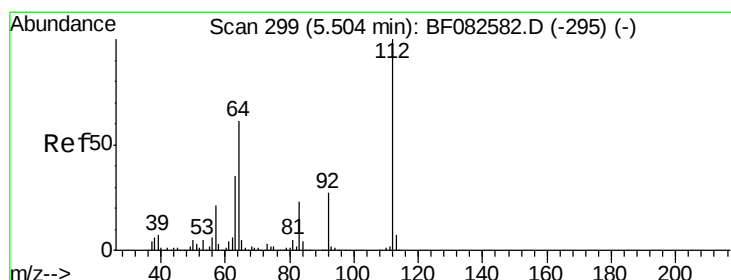
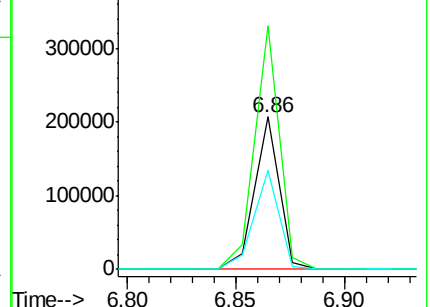
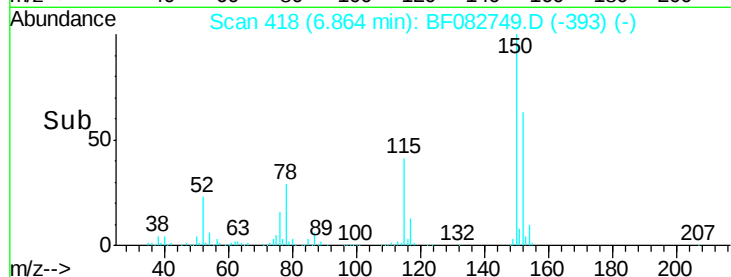
115 65.3 47.0 70.6



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: 110.47 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082749.D

Acq: 6 Nov 2015 3:34

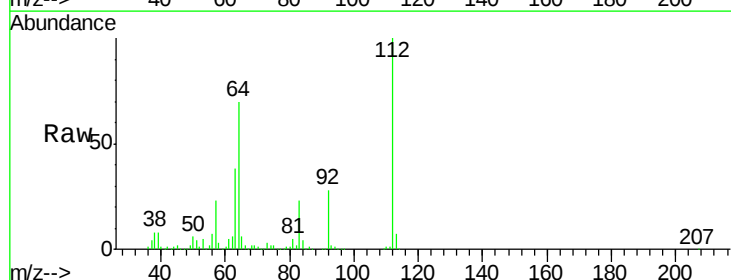
Tgt Ion:112 Resp: 1197812

Ion Ratio Lower Upper

112 100

64 70.1 48.9 73.3

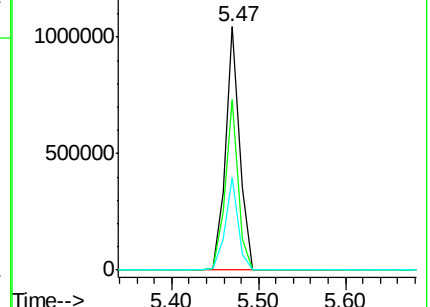
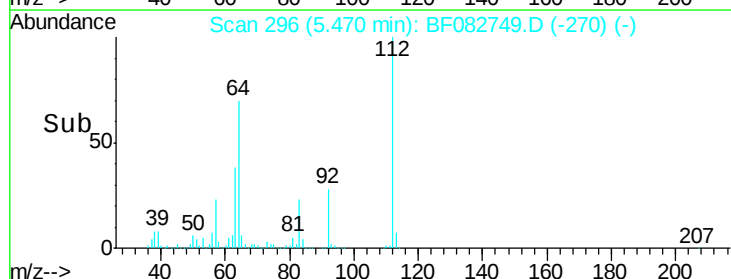
63 37.8 28.1 42.1

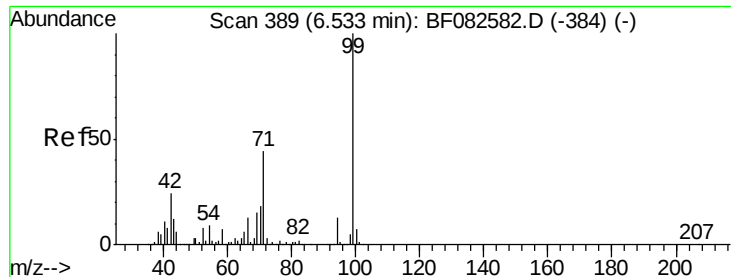


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.52 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082749.D

Acq: 6 Nov 2015 3:34

Instrument :

BNA_F

ClientSampleId :

OCFSW1-10

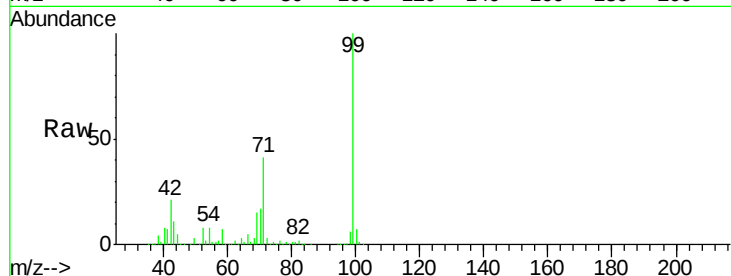
Tgt Ion: 99 Resp: 1592000

Ion Ratio Lower Upper

99 100

42 21.4 19.2 28.8

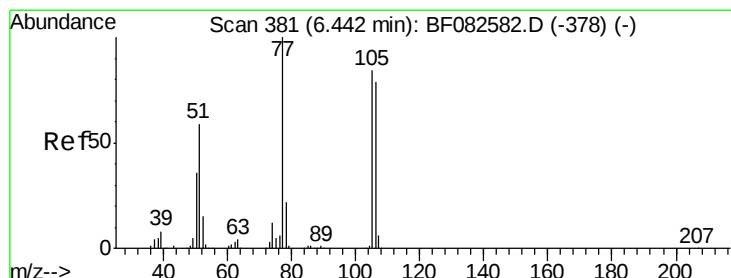
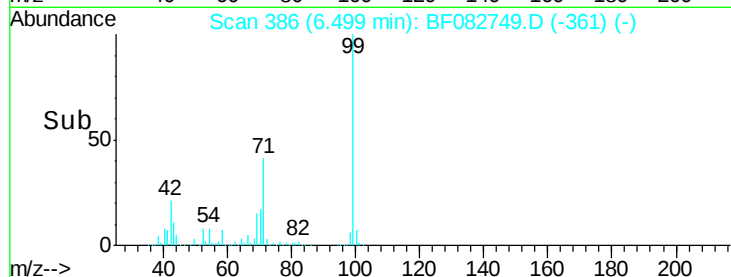
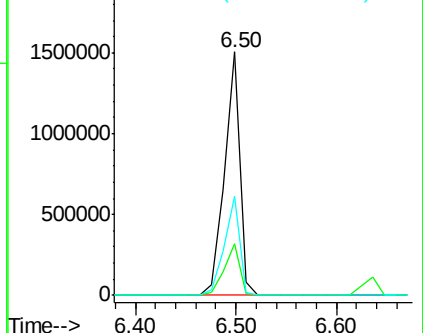
71 40.9 35.0 52.4



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: 4.02 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082749.D

Acq: 6 Nov 2015 3:34

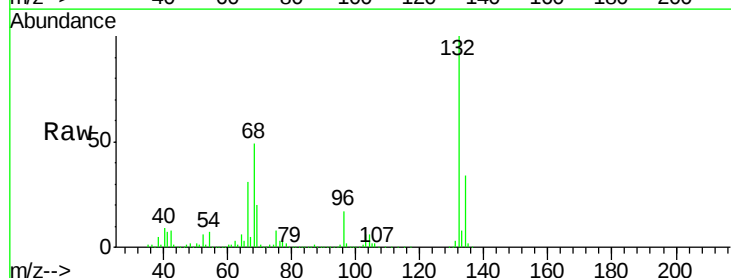
Tgt Ion: 77 Resp: 39569

Ion Ratio Lower Upper

77 100

105 74.9 63.5 103.5

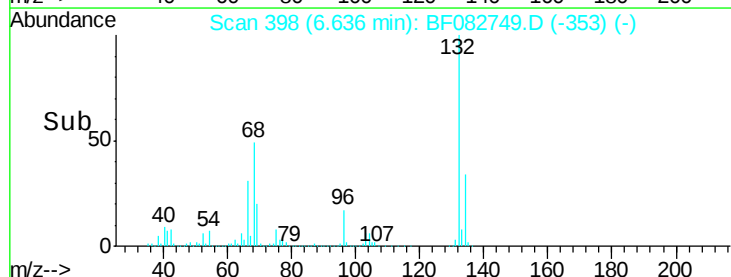
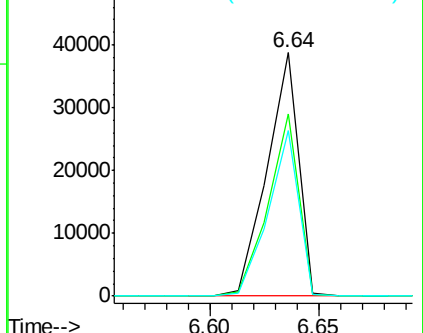
106 68.1 59.3 99.3

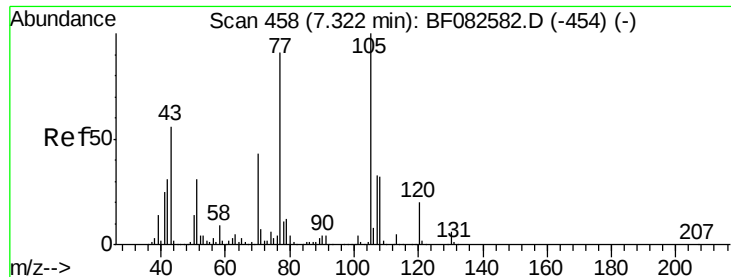


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

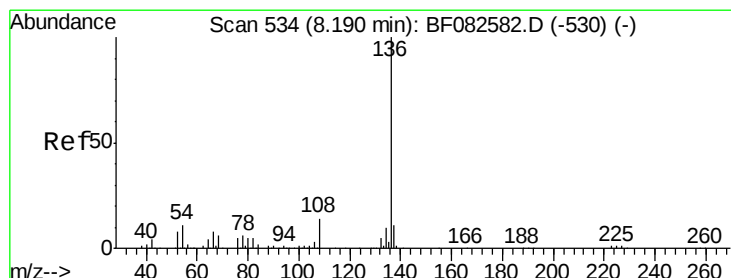
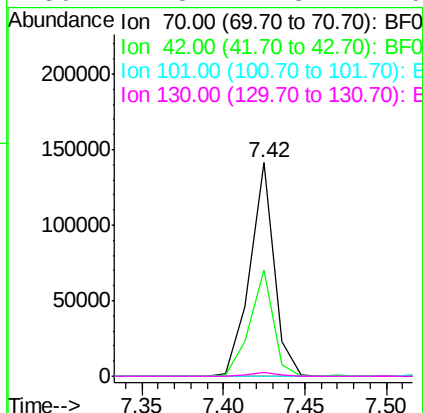
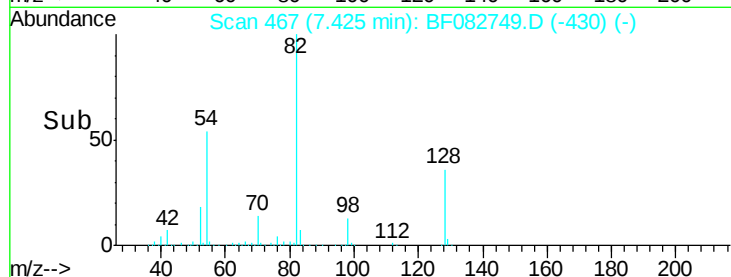
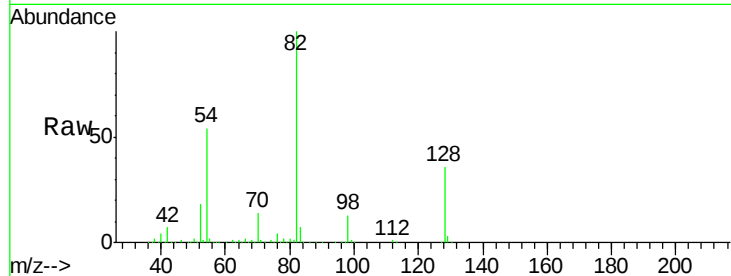




#19
n-Nitroso-di-n-propylamine
Concen: 13.34 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082749.D
Acq: 6 Nov 2015 3:34

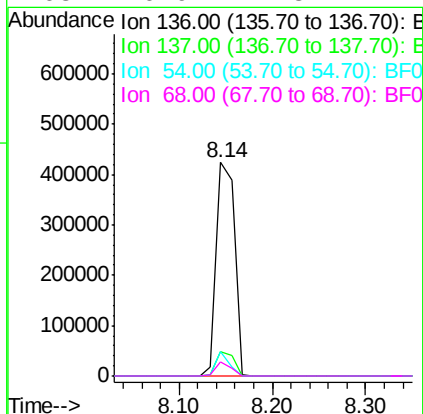
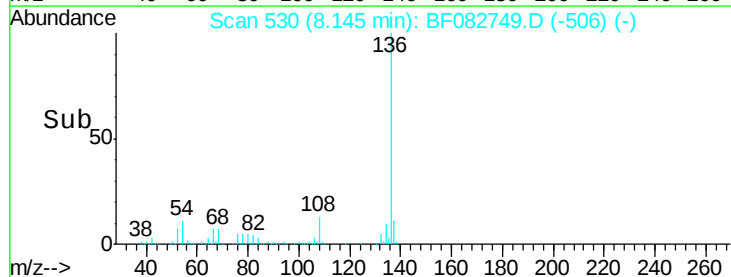
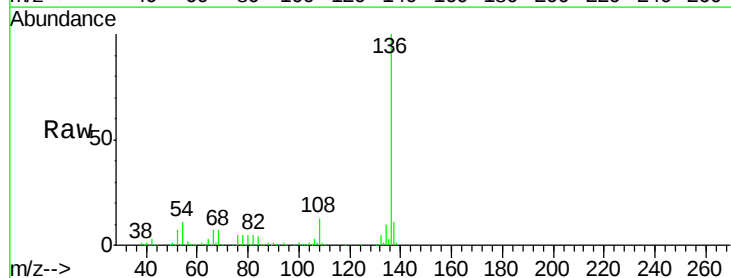
Instrument :
BNA_F
ClientSampleId :
OCFSW1-10

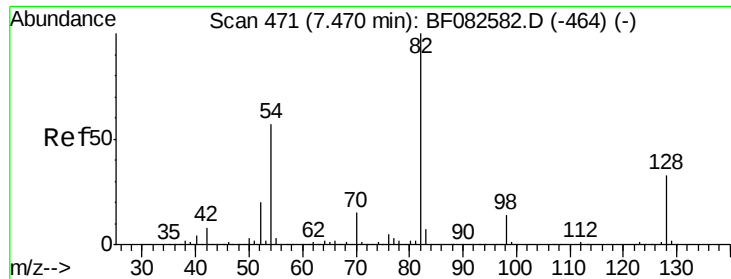
Tgt Ion: 70 Resp: 145717
Ion Ratio Lower Upper
70 100
42 49.5 57.7 86.5#
101 0.0 7.0 10.6#
130 1.8 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF082749.D
Acq: 6 Nov 2015 3:34

Tgt Ion: 136 Resp: 574333
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 11.3 9.1 13.7
68 6.9 4.8 7.2

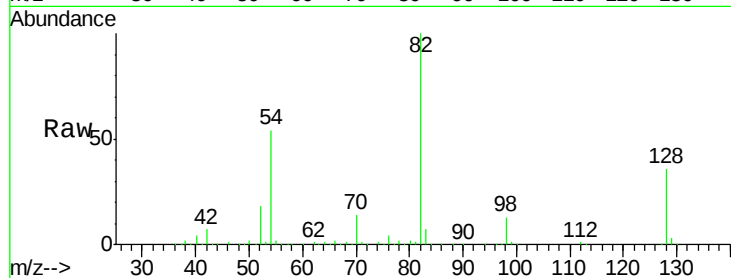




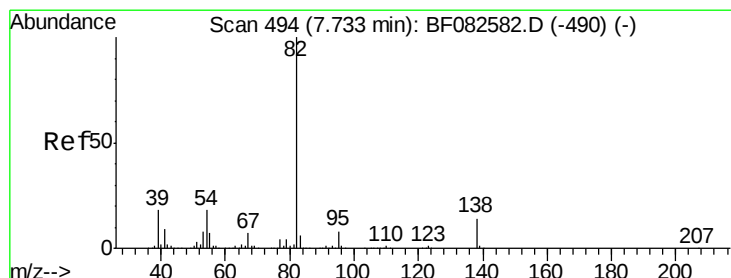
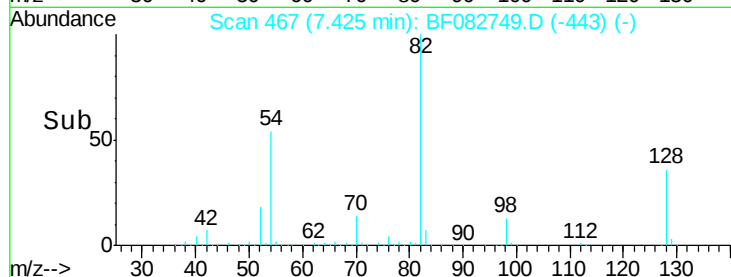
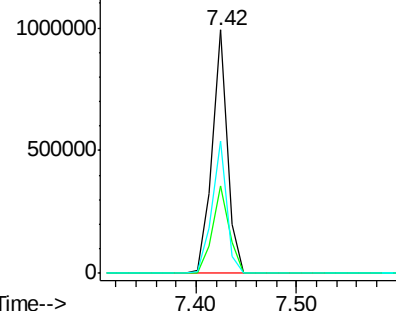
#23
 Nitrobenzene-d5
 Concen: 75.00 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082749.D
 Acq: 6 Nov 2015 3:34

Instrument :
 BNA_F
 ClientSampleId :
 OCFSW1-10

Tgt Ion: 82 Resp: 1054865
 Ion Ratio Lower Upper
 82 100
 128 35.7 26.8 40.2
 54 54.3 45.7 68.5

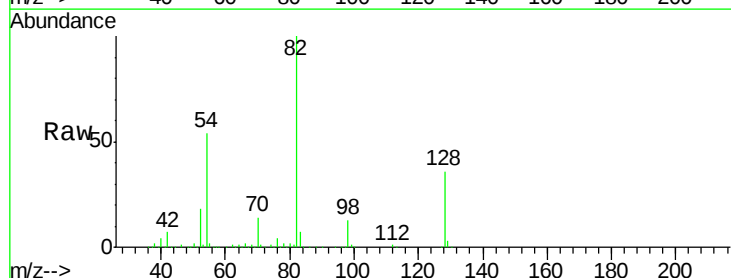


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

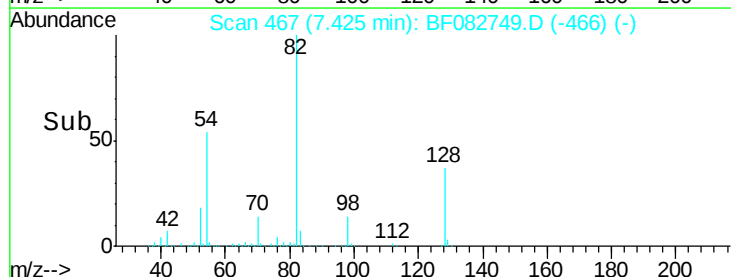
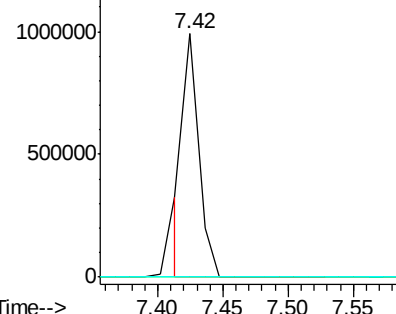


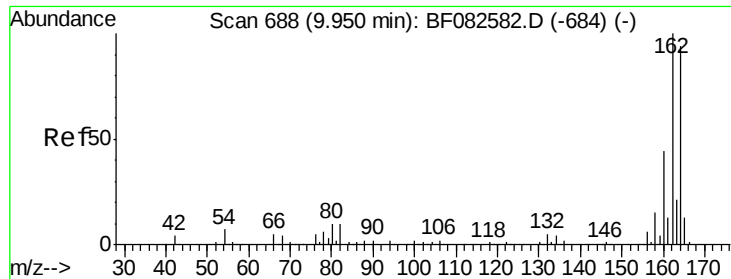
#25
 Isophorone
 Concen: 31.73 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.29 min
 Lab File: BF082749.D
 Acq: 6 Nov 2015 3:34

Tgt Ion: 82 Resp: 821131
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#



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: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082749.D

Acq: 6 Nov 2015 3:34

Instrument :

BNA_F

ClientSampleId :

OCFSW1-10

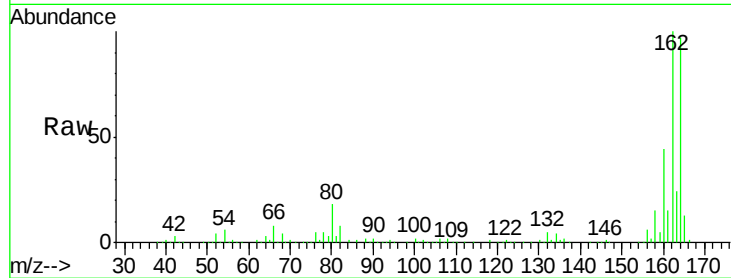
Tgt Ion:164 Resp: 310008

Ion Ratio Lower Upper

164 100

162 103.4 84.9 127.3

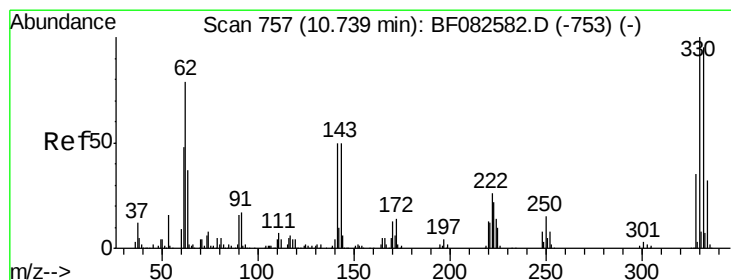
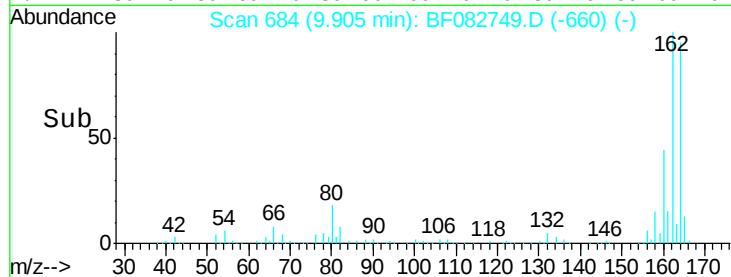
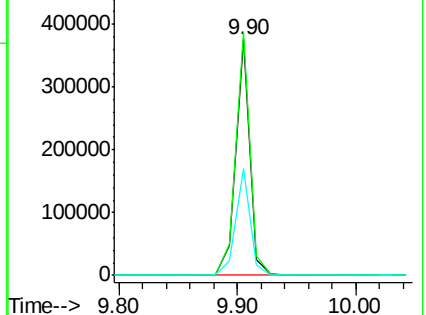
160 45.2 37.5 56.3



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: 122.24 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF082749.D

Acq: 6 Nov 2015 3:34

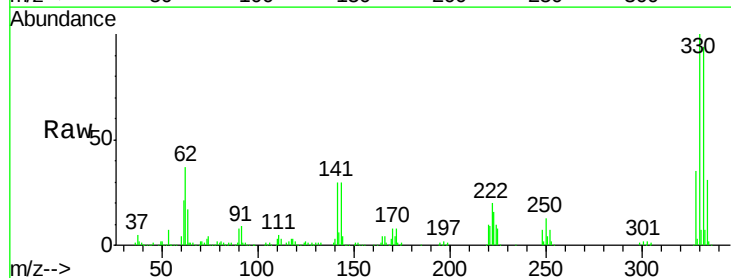
Tgt Ion:330 Resp: 414724

Ion Ratio Lower Upper

330 100

332 94.5 76.6 114.8

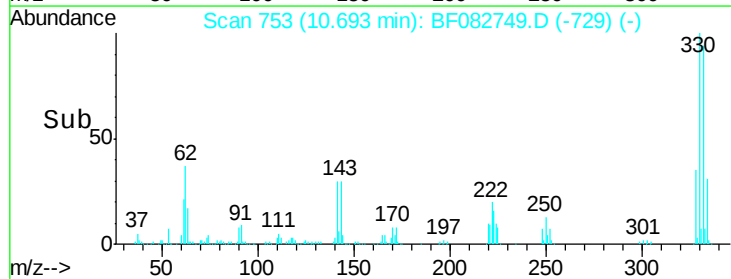
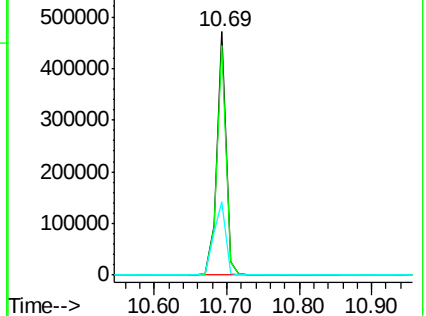
141 38.5 41.2 61.8#

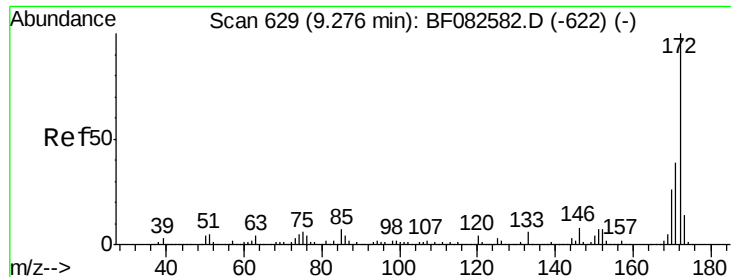


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

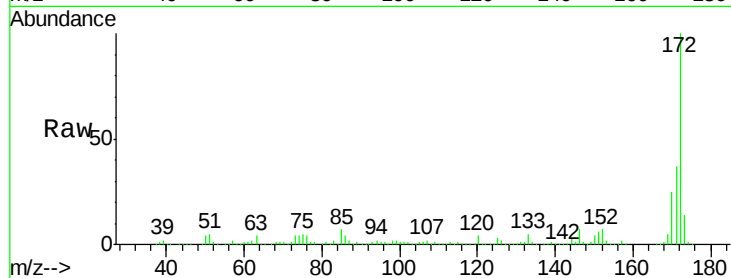




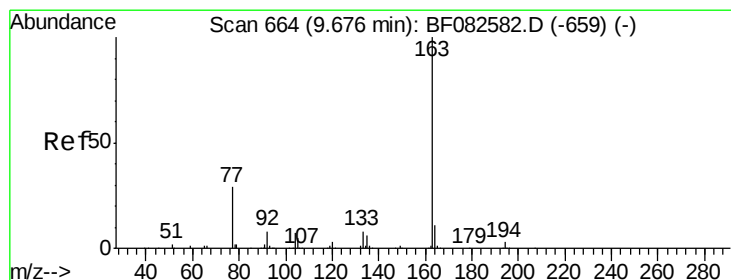
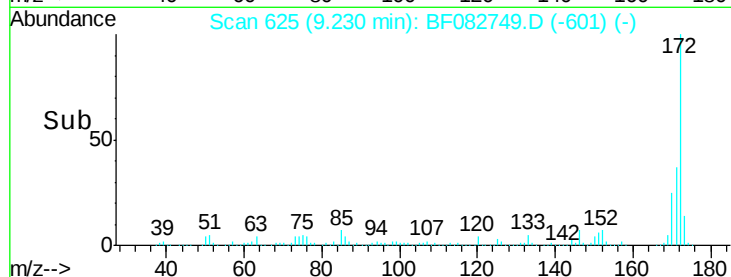
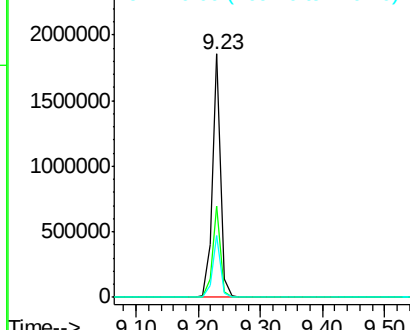
#44
 2-Fluorobiphenyl
 Concen: 76.92 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082749.D
 Acq: 6 Nov 2015 3:34

Instrument :
 BNA_F
 ClientSampleId :
 OCFSW1-10

Tgt Ion:172 Resp: 1679467
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 25.4 21.2 31.8

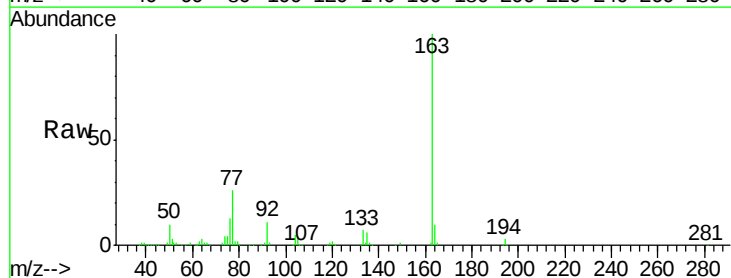


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

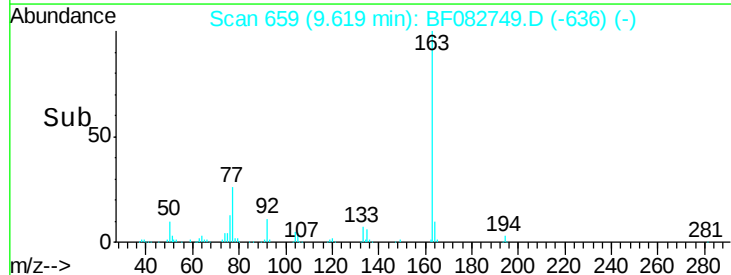
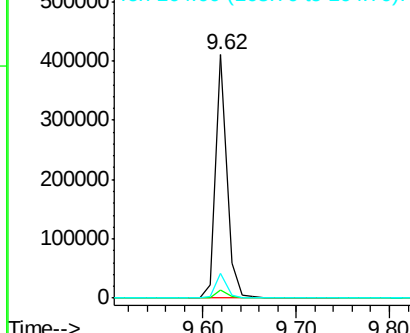


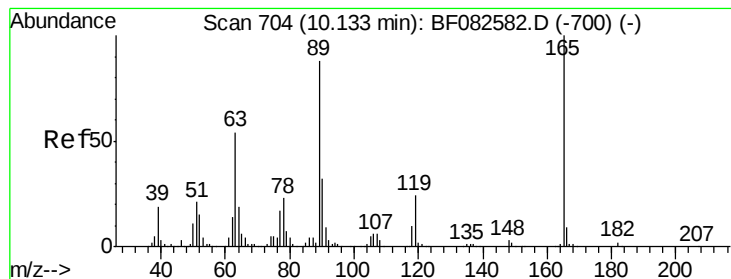
#49
 Dimethylphthalate
 Concen: 13.66 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF082749.D
 Acq: 6 Nov 2015 3:34

Tgt Ion:163 Resp: 345722
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.4 8.7 13.1



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: 5.64 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082749.D

Acq: 6 Nov 2015 3:34

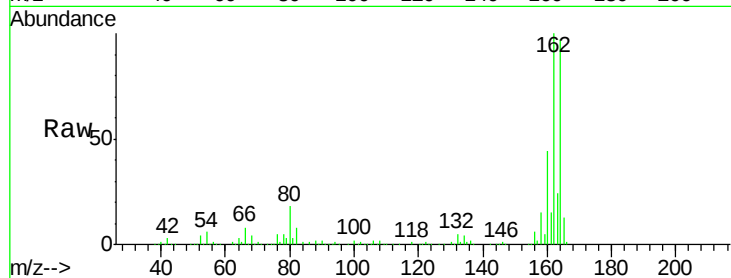
Instrument :

BNA_F

ClientSampleId :

OCFSW1-10

Tgt Ion:	165	Resp:	40054
Ion Ratio	Lower	Upper	
165	100		
63	1.6	43.4	65.0#
89	1.3	70.6	106.0#
182	0.0	1.5	2.3#

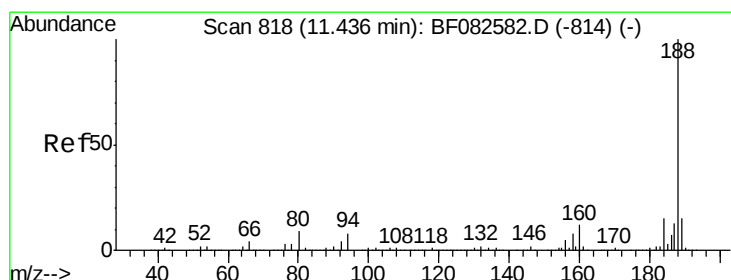
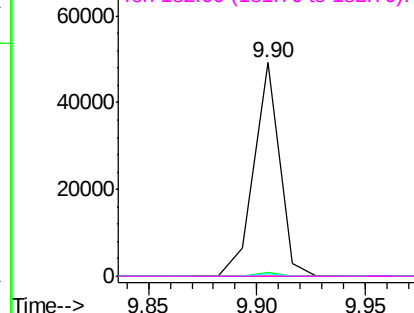
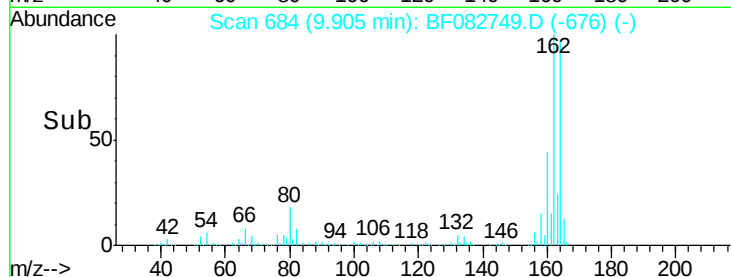


Abundance Ion 165.00 (164.70 to 165.70): E

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

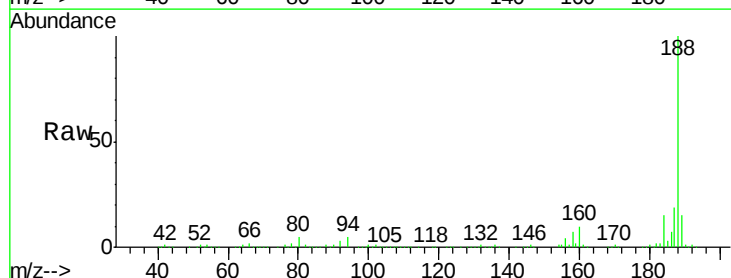
RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF082749.D

Acq: 6 Nov 2015 3:34

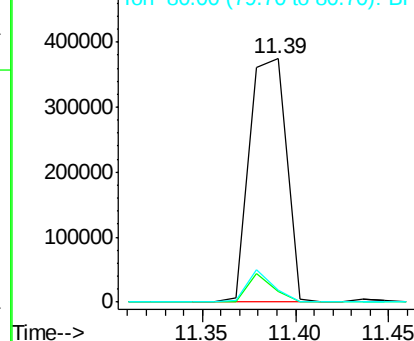
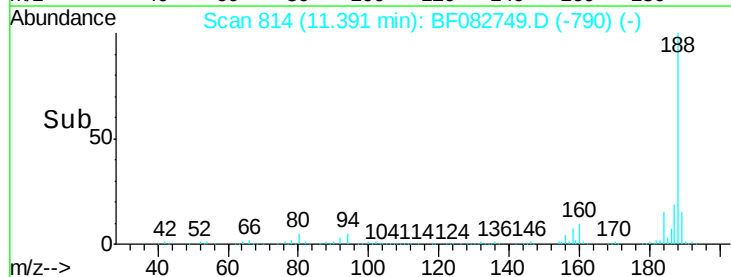
Tgt Ion:	188	Resp:	514190
Ion Ratio	Lower	Upper	
188	100		
94	4.5	6.1	9.1#
80	5.1	7.0	10.6#

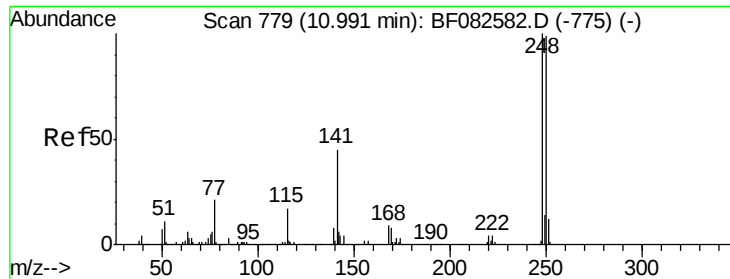


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

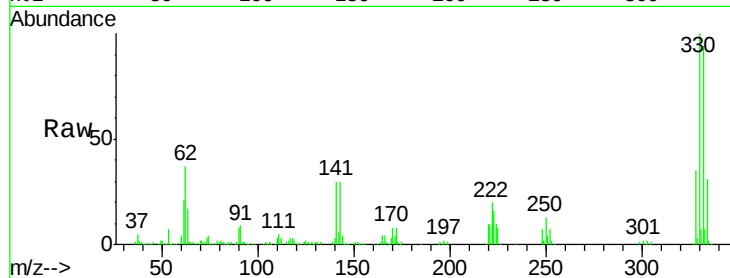




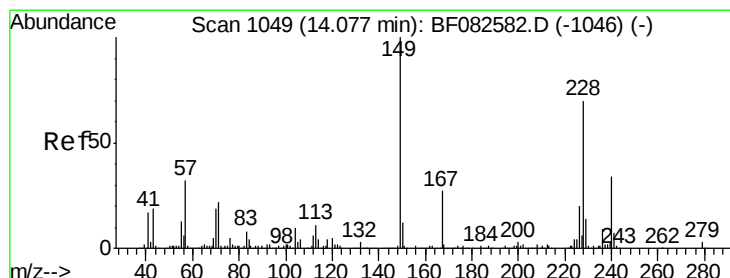
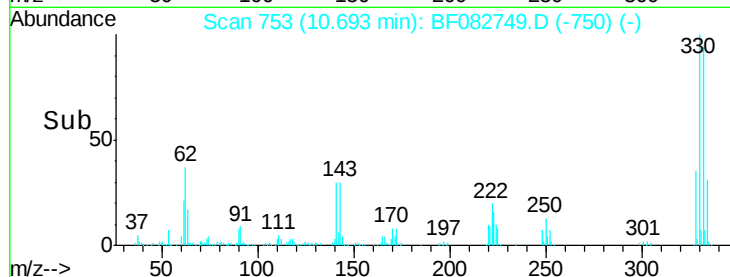
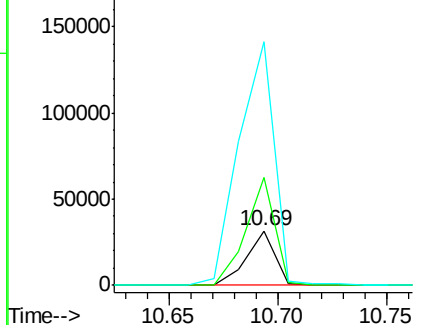
#66
4-Bromophenyl-phenylether
Concen: 4.95 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082749.D
Acq: 6 Nov 2015 3:34

Instrument :
BNA_F
ClientSampleId :
OCFSW1-10

Tgt Ion:248 Resp: 28841
Ion Ratio Lower Upper
248 100
250 198.5 79.4 119.2#
141 445.6 36.3 54.5#

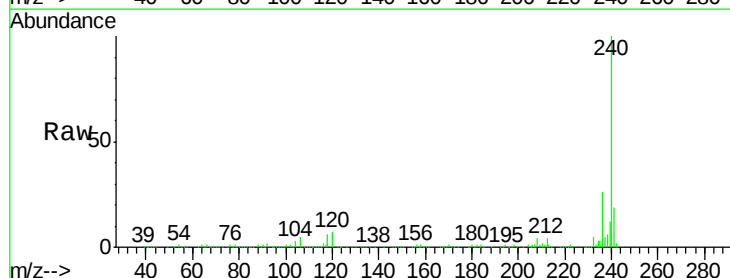


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

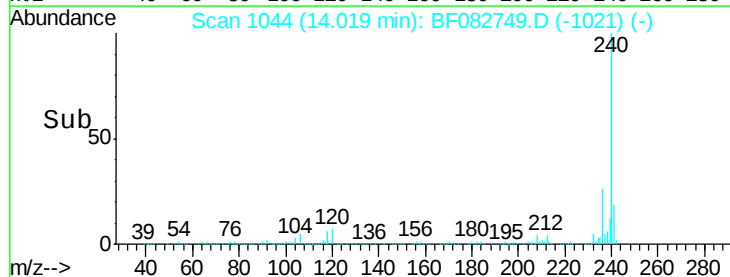
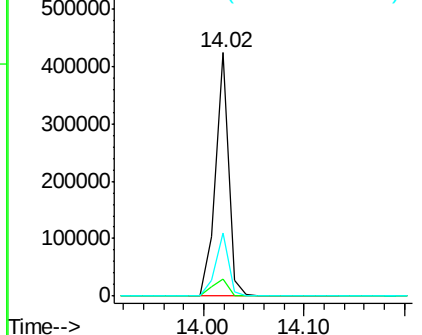


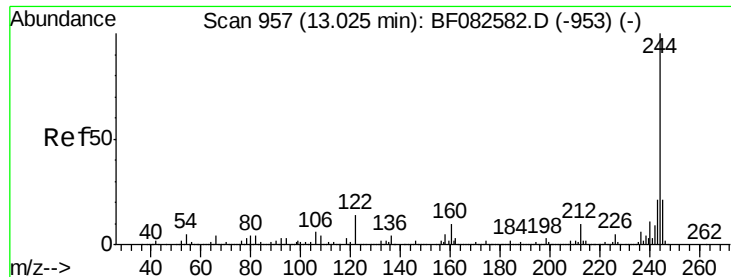
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082749.D
Acq: 6 Nov 2015 3:34

Tgt Ion:240 Resp: 386775
Ion Ratio Lower Upper
240 100
120 6.9 10.9 16.3#
236 26.0 21.6 32.4



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: 82.53 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082749.D

Acq: 6 Nov 2015 3:34

Instrument :

BNA_F

ClientSampleId :

OCFSW1-10

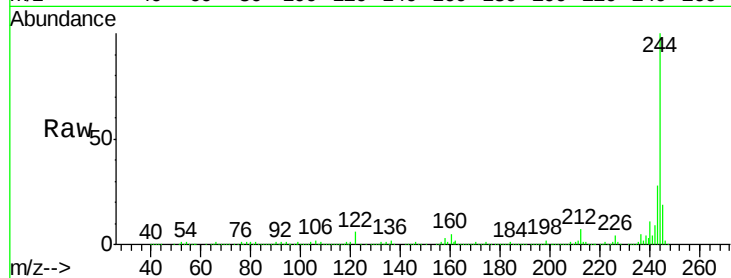
Tgt Ion:244 Resp: 1458627

Ion Ratio Lower Upper

244 100

212 7.3 7.6 11.4#

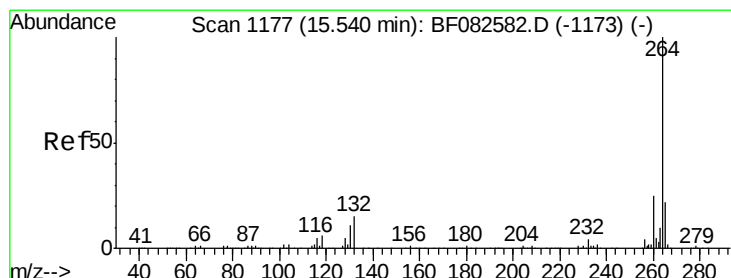
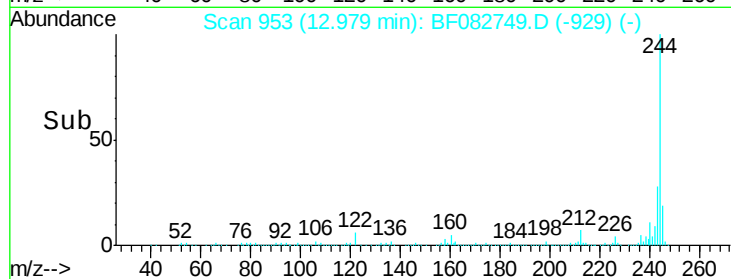
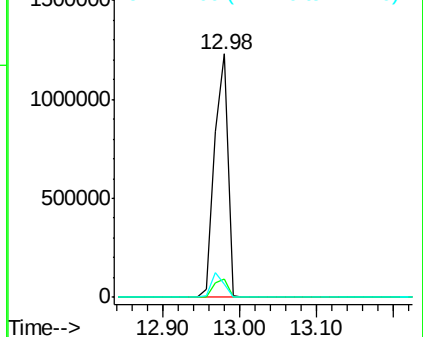
122 5.7 11.3 16.9#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF082749.D

Acq: 6 Nov 2015 3:34

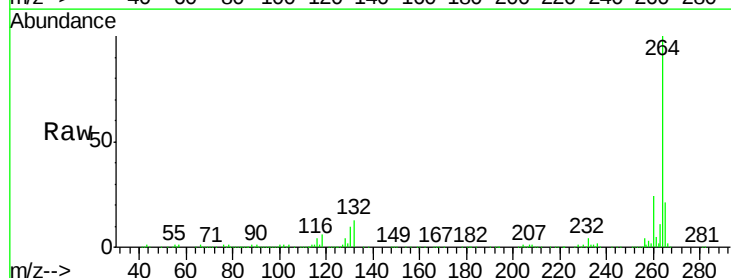
Tgt Ion:264 Resp: 366270

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 21.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

