

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
 Data File : BF087590.D
 Acq On : 31 May 2016 20:14
 Operator : UM/SJ
 Sample : H3222-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Jun 01 03:29:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 01 03:17:16 2016
 Response via : Initial Calibration

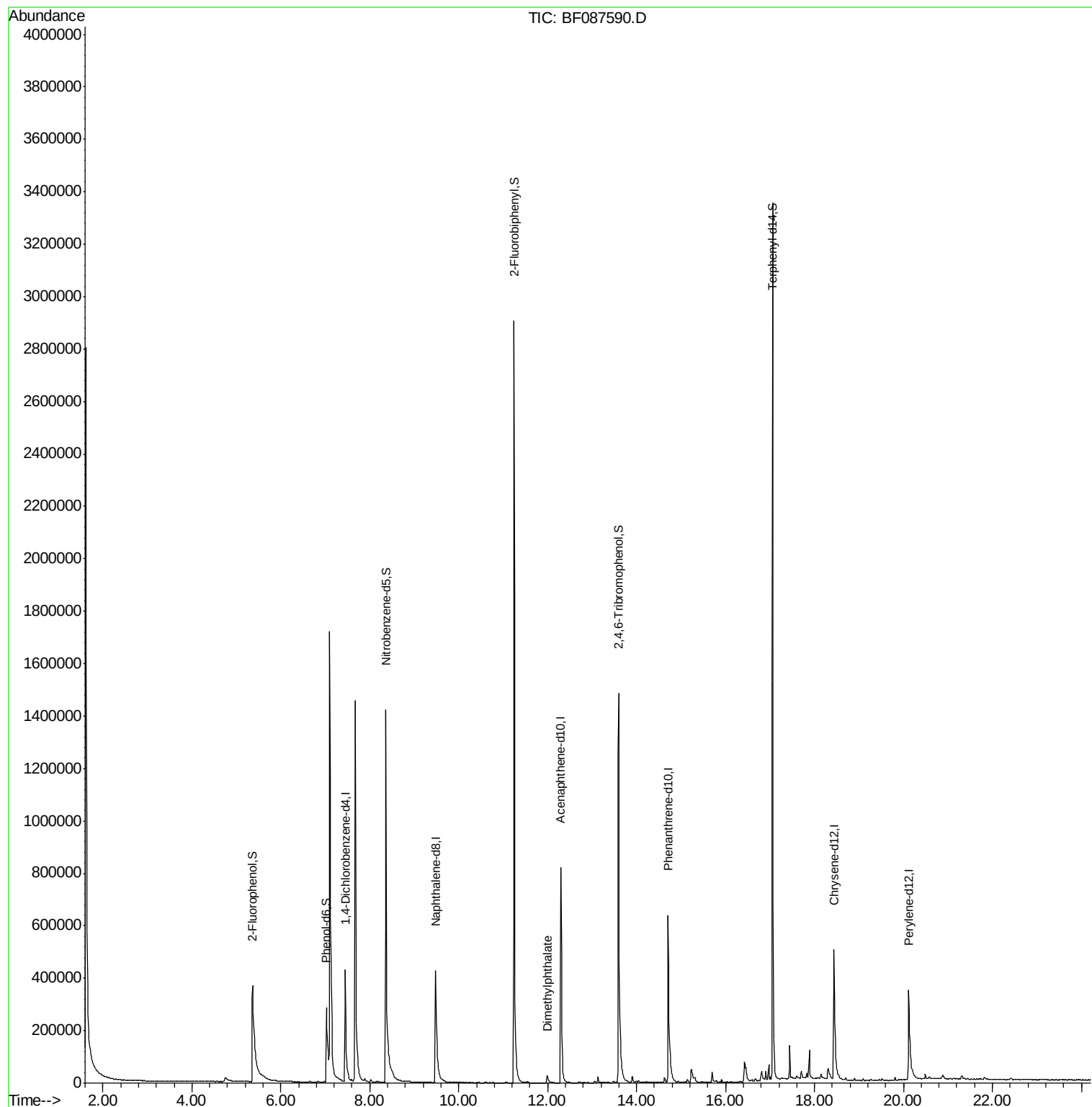
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	123092	20.00	ng	0.00
21) Naphthalene-d8	9.48	136	520272	20.00	ng	0.01
38) Acenaphthene-d10	12.30	164	249512	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	499476	20.00	ng	0.00
75) Chrysene-d12	18.43	240	423754	20.00	ng	0.01
86) Perylene-d12	20.11	264	324581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	348489	49.75	ng	0.02
7) Phenol-d6	7.03	99	286830	30.30	ng	0.01
23) Nitrobenzene-d5	8.36	82	813433	78.80	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	294721	122.92	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	1338743	75.64	ng	-0.01
78) Terphenyl-d14	17.06	244	1236805	62.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.99	163	40041	2.00	ng	Qvalue 99

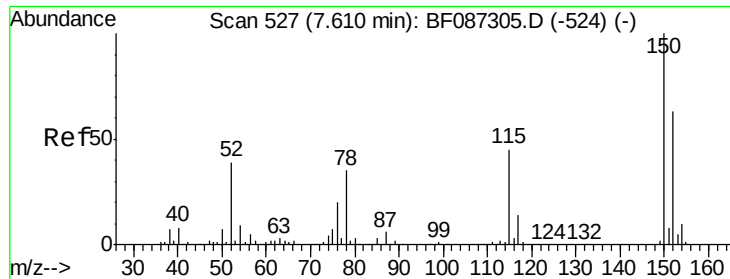
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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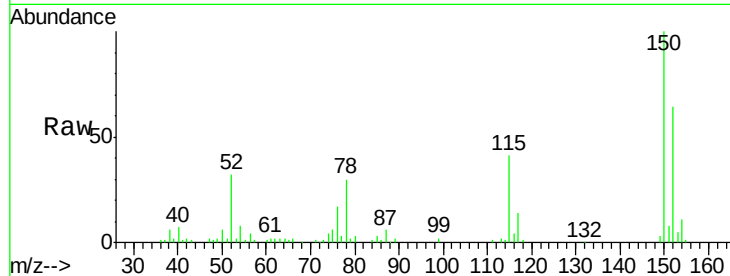


#1

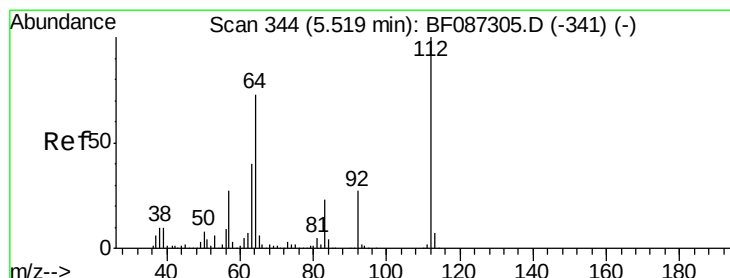
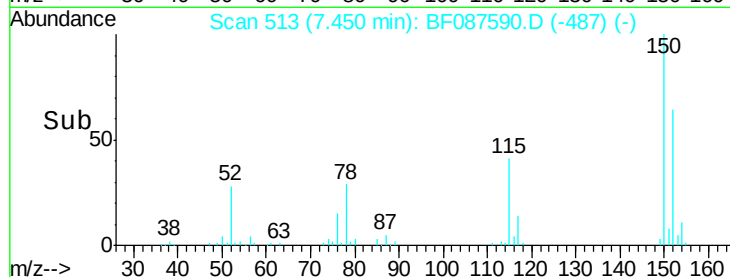
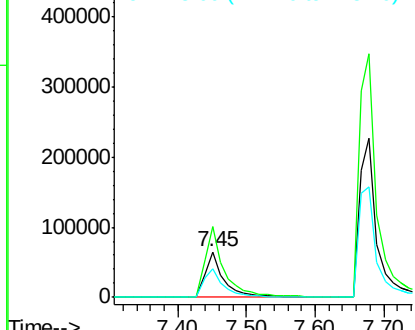
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF087590.D
Acq: 31 May 2016 20:14

Instrument :
BNA_F
ClientSampleId :
MW-13

Tot Ion:152 Resp: 123092
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 63.5 51.5 77.3



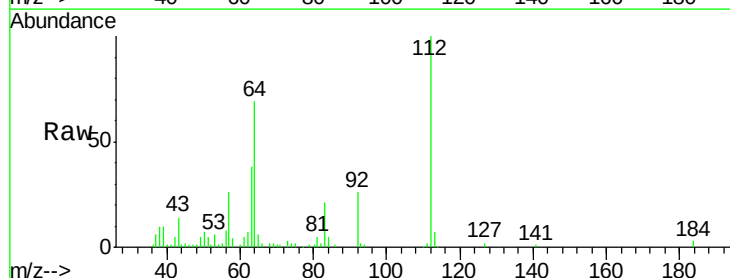
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



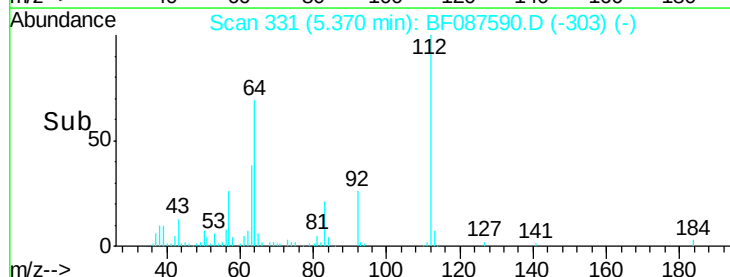
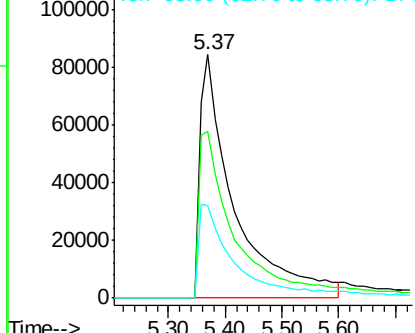
#5

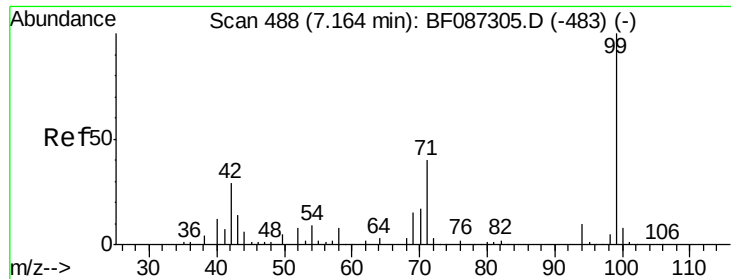
2-Fluorophenol
Concen: 49.75 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.02 min
Lab File: BF087590.D
Acq: 31 May 2016 20:14

Tgt Ion:112 Resp: 348489
Ion Ratio Lower Upper
112 100
64 68.5 52.1 78.1
63 38.1 25.7 38.5



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: 30.30 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.01 min

Lab File: BF087590.D

Acq: 31 May 2016 20:14

Instrument :

BNA_F

ClientSampled :

MW-13

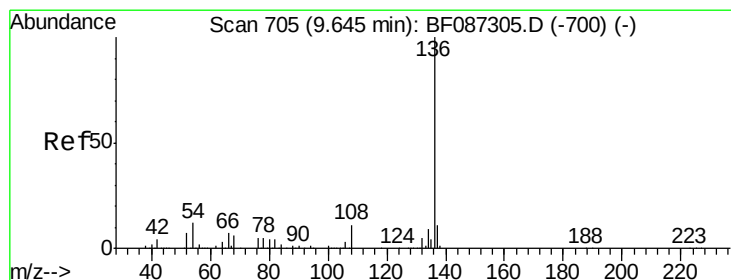
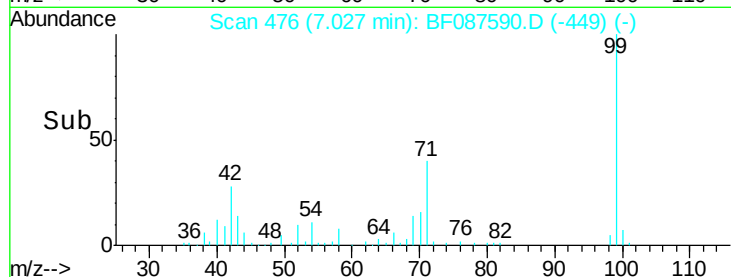
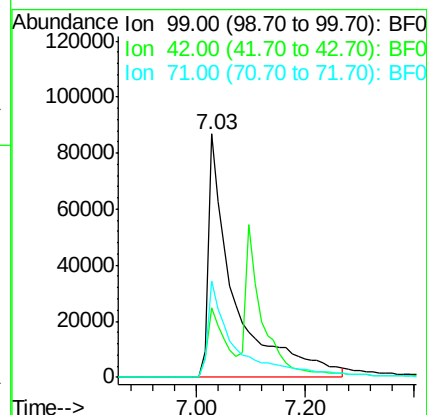
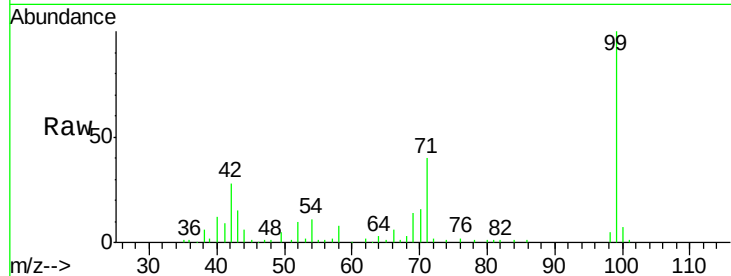
Tot Ion: 99 Resp: 286830

Ion Ratio Lower Upper

99 100

42 28.3 13.6 20.4#

71 39.7 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF087590.D

Acq: 31 May 2016 20:14

Tgt Ion: 136 Resp: 520272

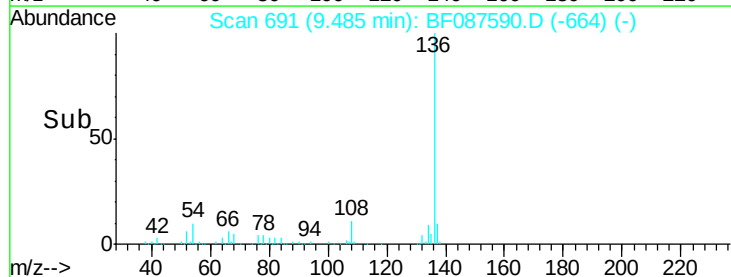
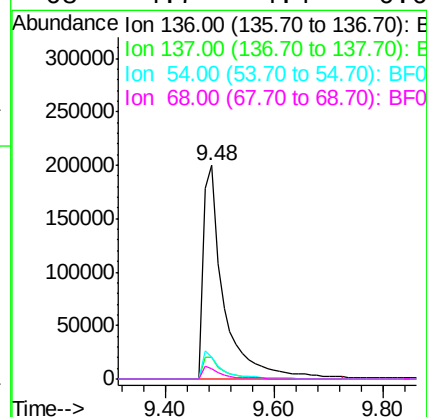
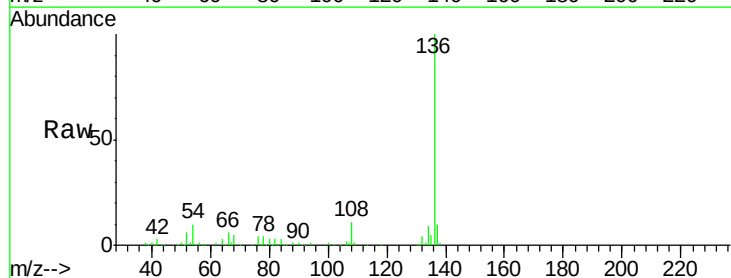
Ion Ratio Lower Upper

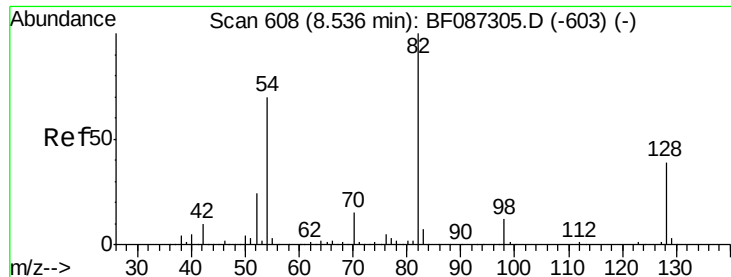
136 100

137 10.4 8.8 13.2

54 10.2 5.0 7.4#

68 4.7 4.4 6.6

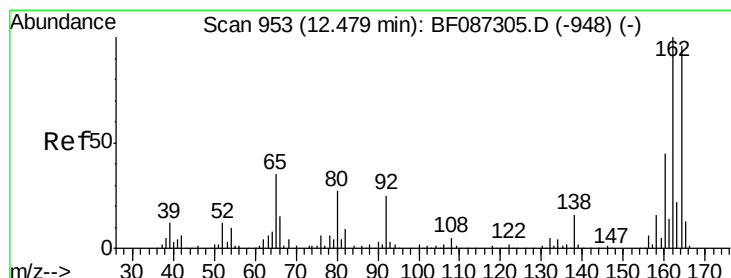
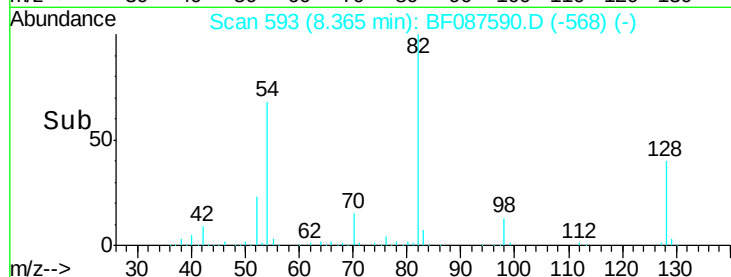
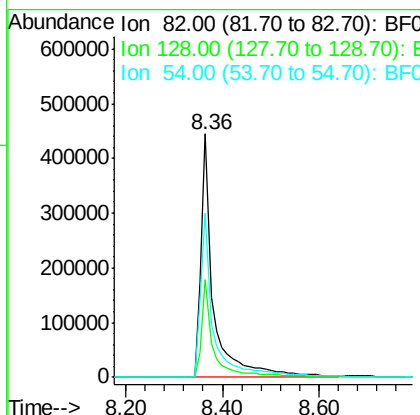
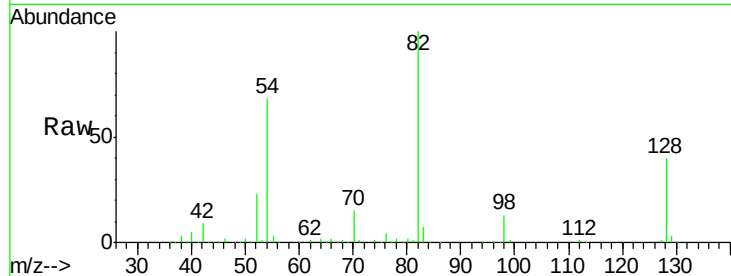




#23
 Nitrobenzene-d5
 Concen: 78.80 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF087590.D
 Acq: 31 May 2016 20:14

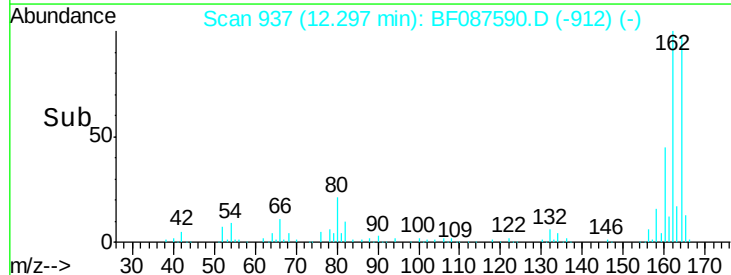
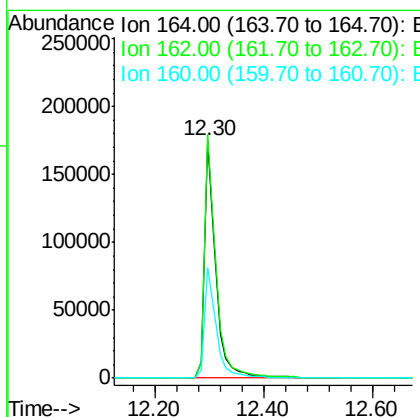
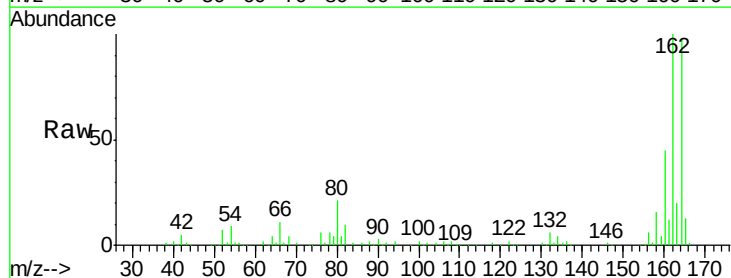
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

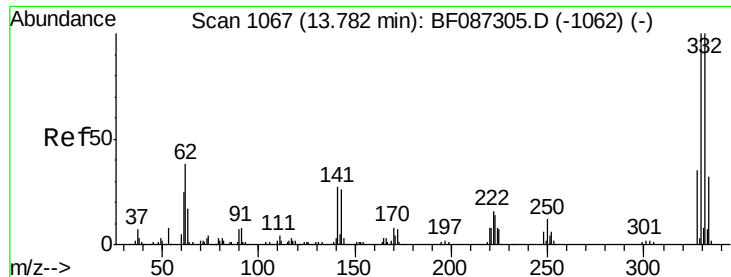
Tot Ion: 82 Resp: 813433
 Ion Ratio Lower Upper
 82 100
 128 40.3 40.6 61.0#
 54 67.5 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF087590.D
 Acq: 31 May 2016 20:14

Tgt Ion: 164 Resp: 249512
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.8 124.2
 160 46.6 36.9 55.3

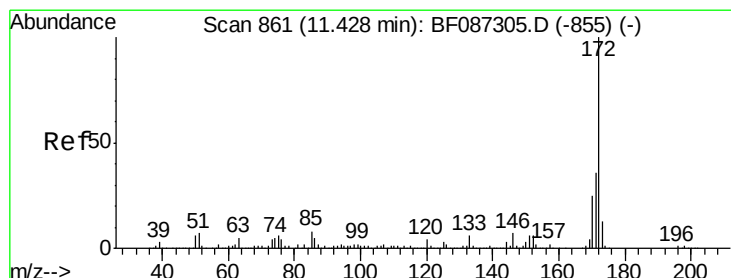
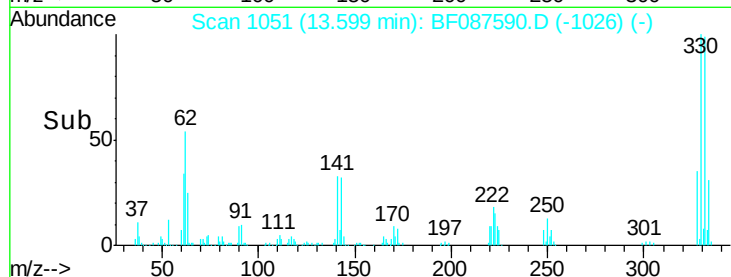
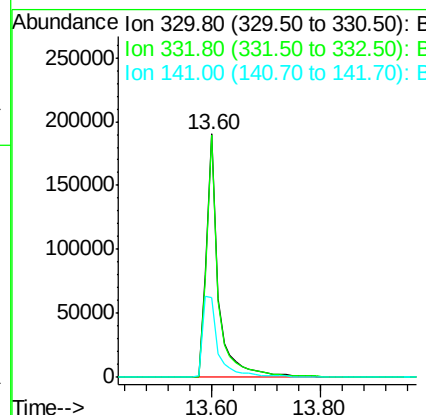
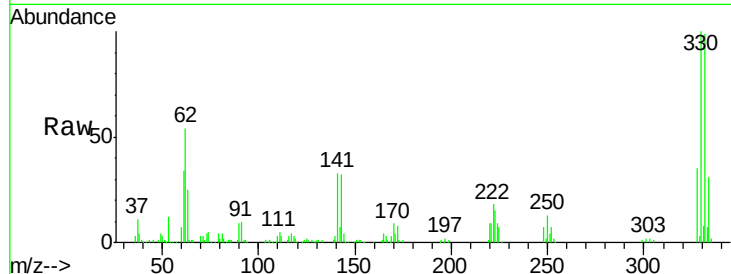




#41
 2,4,6-Tribromophenol
 Concen: 122.92 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF087590.D
 Acq: 31 May 2016 20:14

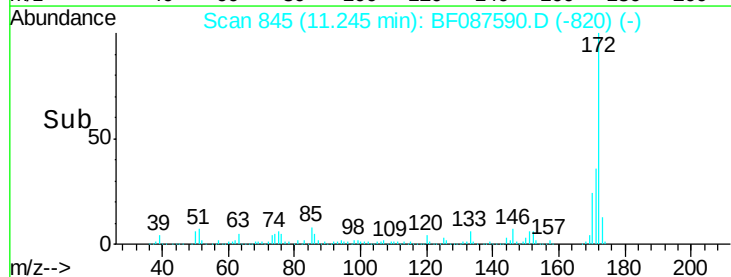
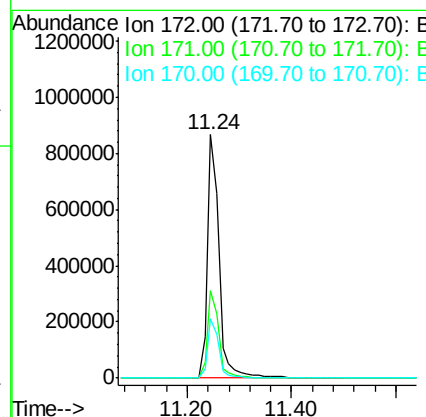
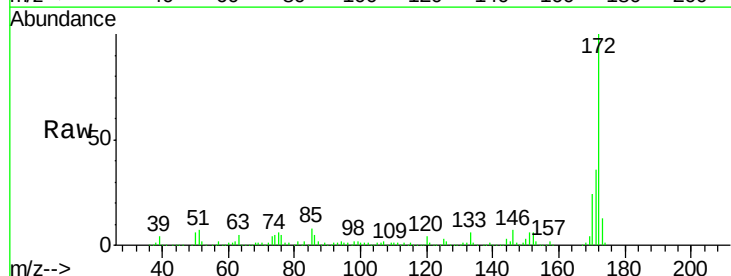
Instrument :
 BNA_F
 ClientSampled :
 MW-13

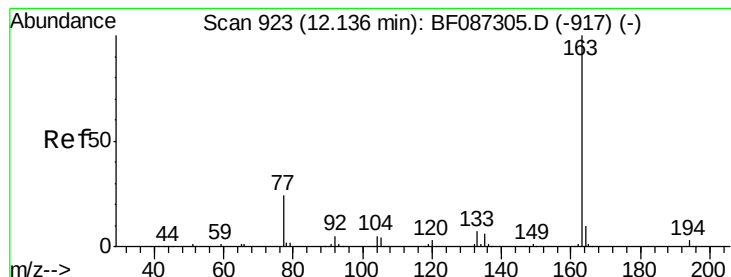
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.0	118.4
141	43.4	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 75.64 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF087590.D
 Acq: 31 May 2016 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.2	19.8	29.8





#49

Dimethylphthalate

Concen: 2.00 ng

RT: 11.99 min Scan# 910

Delta R.T. 0.02 min

Lab File: BF087590.D

Acq: 31 May 2016 20:14

Instrument :

BNA_F

ClientSampleId :

MW-13

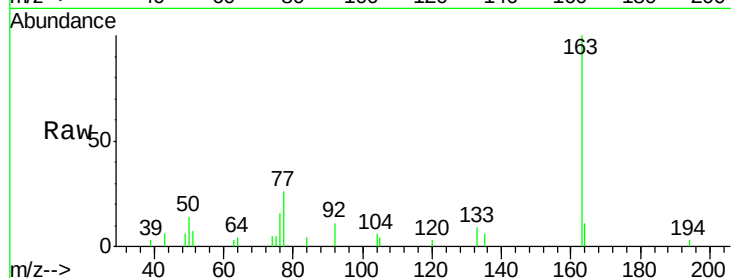
Tot Ion:163 Resp: 40041

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

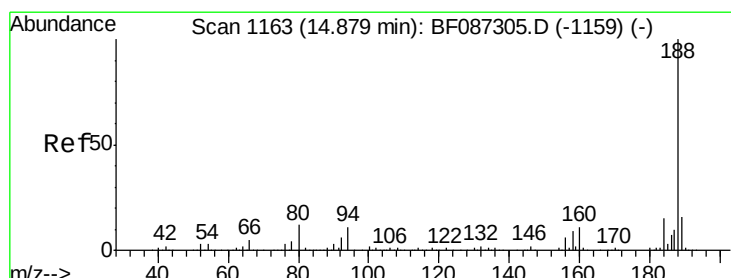
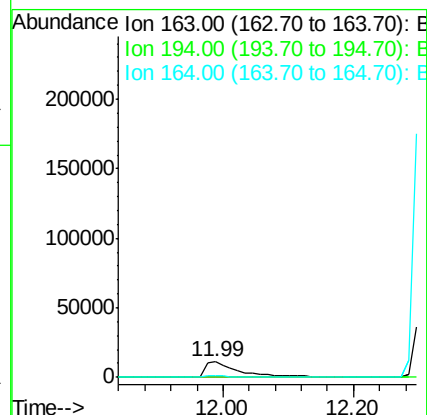
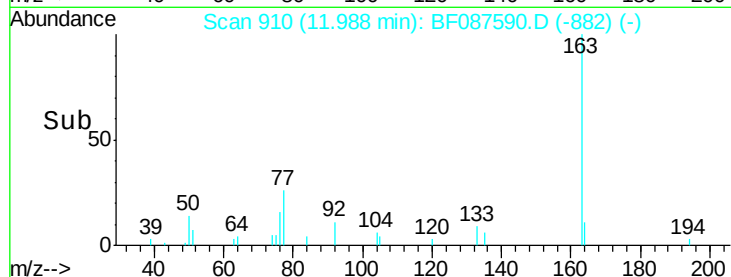
164 10.9 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF087590.D

Acq: 31 May 2016 20:14

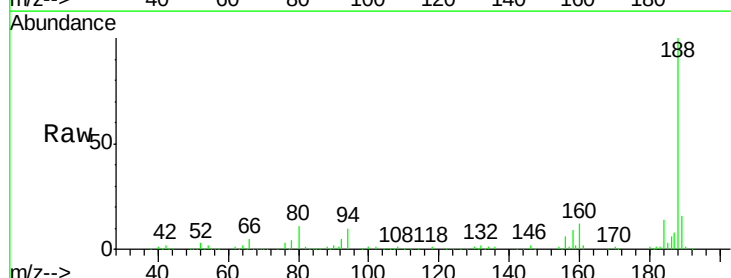
Tgt Ion:188 Resp: 499476

Ion Ratio Lower Upper

188 100

94 9.7 6.8 10.2

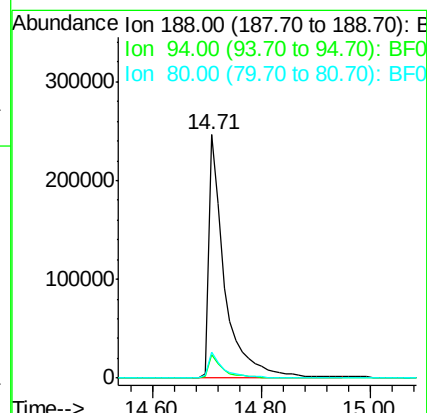
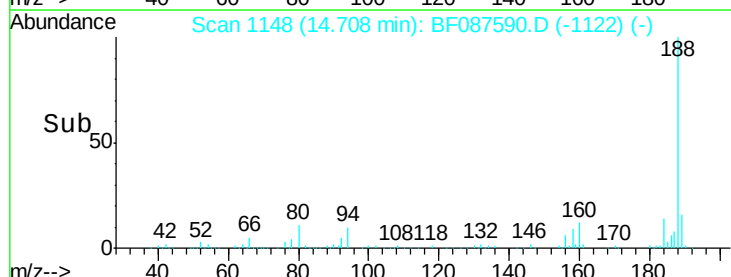
80 10.6 7.1 10.7

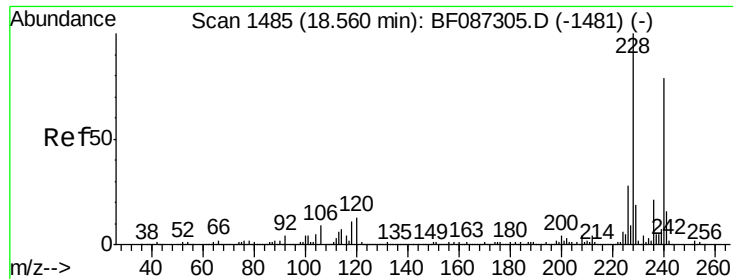


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.43 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BF087590.D

Acq: 31 May 2016 20:14

Instrument :

BNA_F

ClientSampleId :

MW-13

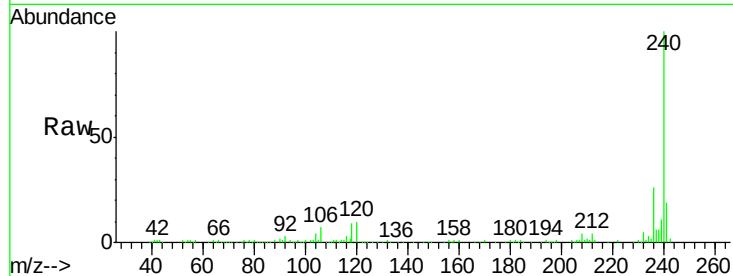
Tot Ion:240 Resp: 423754

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

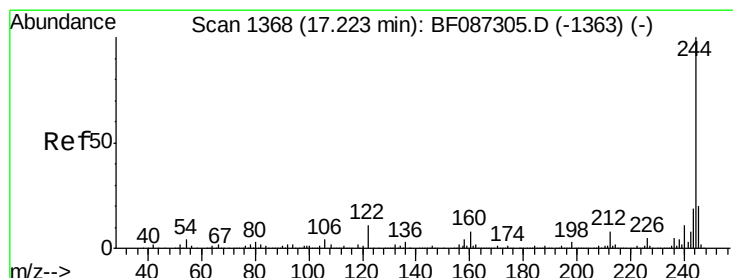
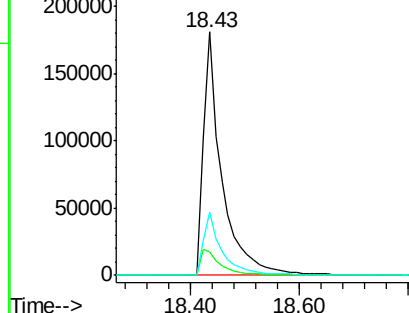
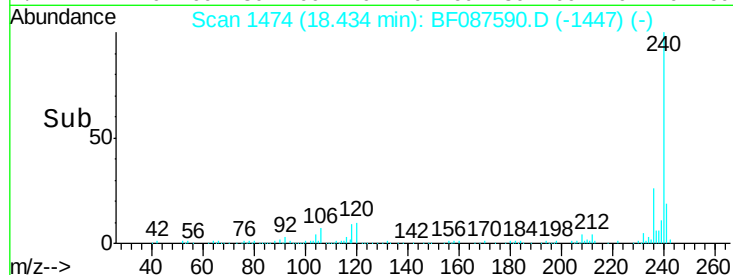
236 26.1 21.2 31.8



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: 62.05 ng

RT: 17.06 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF087590.D

Acq: 31 May 2016 20:14

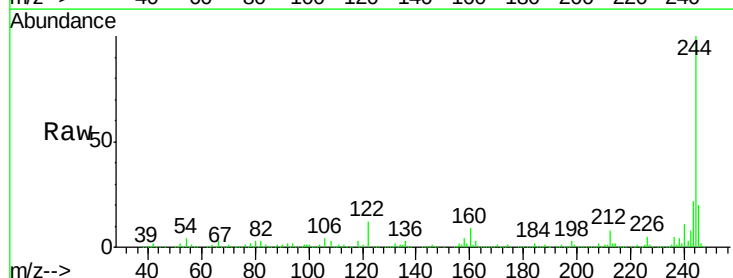
Tgt Ion:244 Resp: 1236805

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

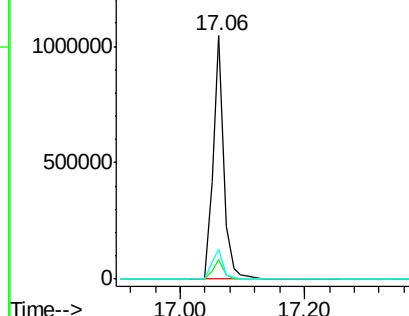
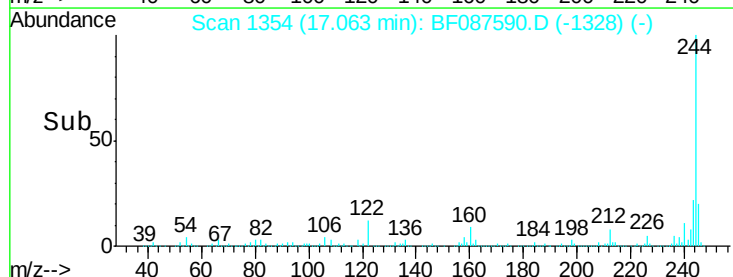
122 12.3 12.0 18.0

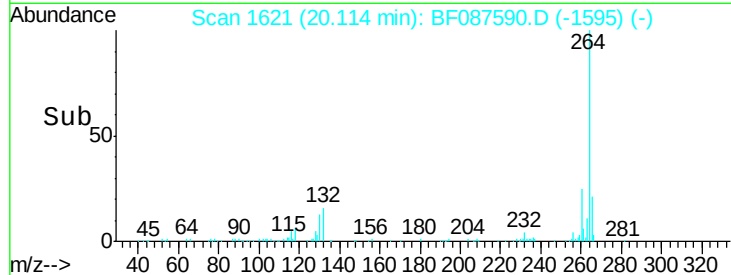
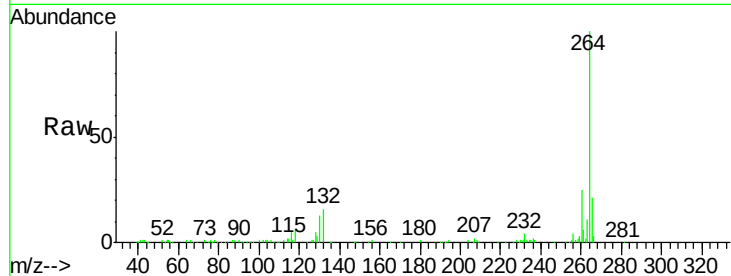
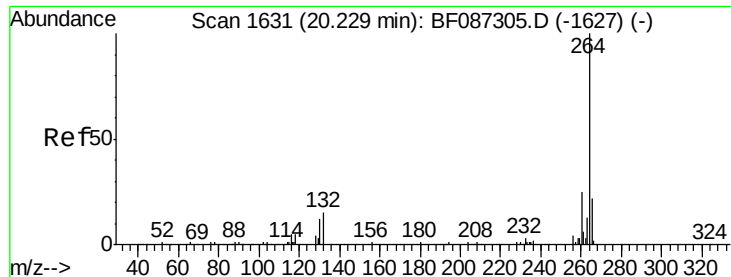


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF087590.D
Acq: 31 May 2016 20:14

Instrument :
BNA_F
ClientSampleId :
MW-13

Tot Ion:264	Resp:	324581
Ion Ratio	Lower	Upper
264	100	
260	25.0	19.5 29.3
265	21.1	17.3 25.9

