

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087524.D
 Acq On : 29 May 2016 22:14
 Operator : UM/SJ
 Sample : H3222-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: May 30 07:04:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 07:00:04 2016
 Response via : Initial Calibration

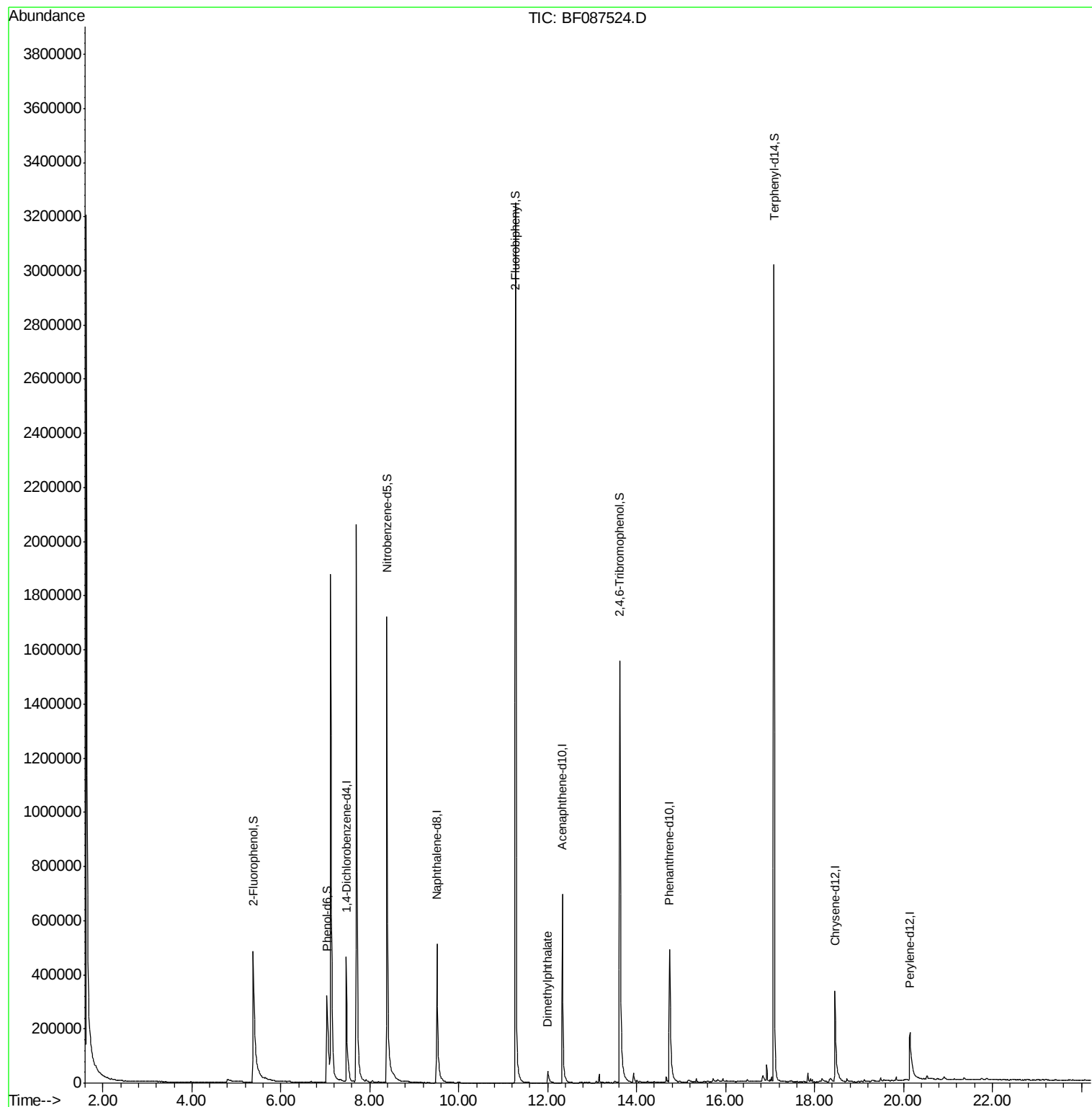
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	117153	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	452210	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	212783	20.00	ng	0.00
63) Phenanthrene-d10	14.74	188	397898	20.00	ng	0.00
75) Chrysene-d12	18.46	240	280123	20.00	ng	0.01
86) Perylene-d12	20.15	264	215485	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	349229	52.38	ng	0.01
7) Phenol-d6	7.04	99	283355	31.45	ng	0.00
23) Nitrobenzene-d5	8.39	82	779341	86.86	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	251353	122.92	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1315853	87.18	ng	-0.01
78) Terphenyl-d14	17.09	244	1174296	89.12	ng	-0.01
Target Compounds						
49) Dimethylphthalate	12.00	163	49664	2.91	ng	Qvalue 98

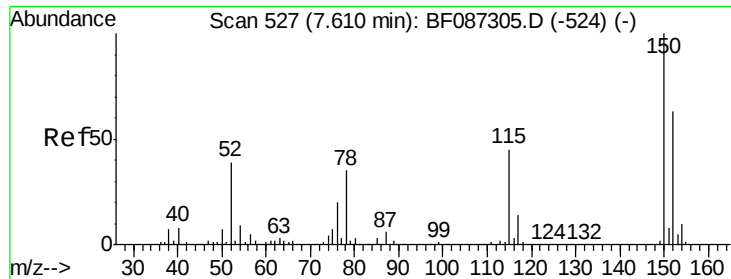
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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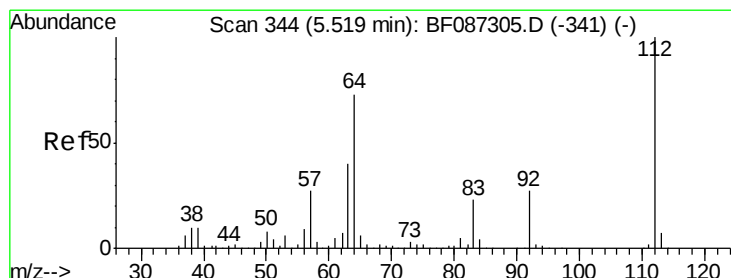
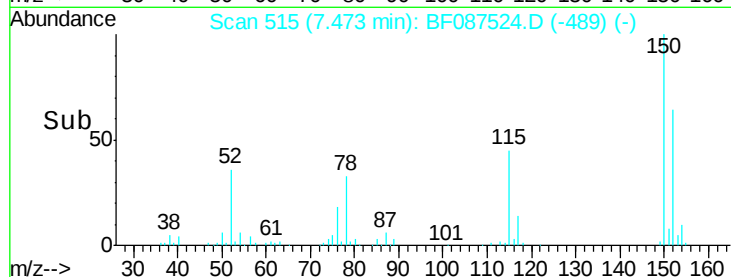
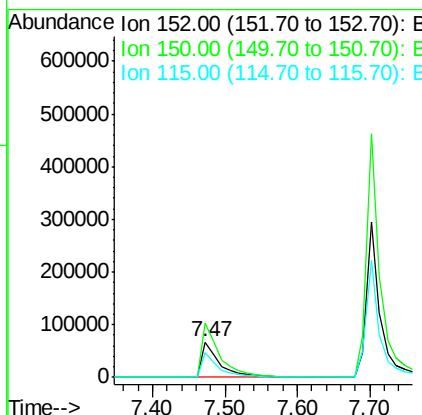
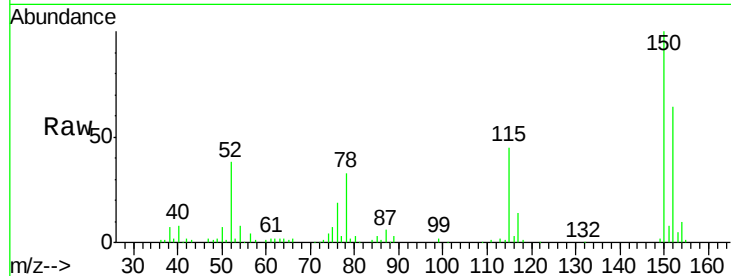


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF087524.D
Acq: 29 May 2016 22:14

Instrument :
BNA_F
ClientSampleId :
MW-23

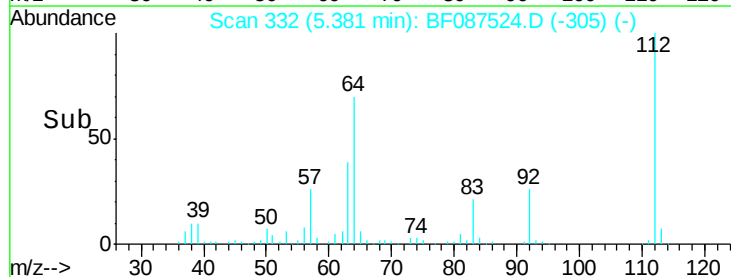
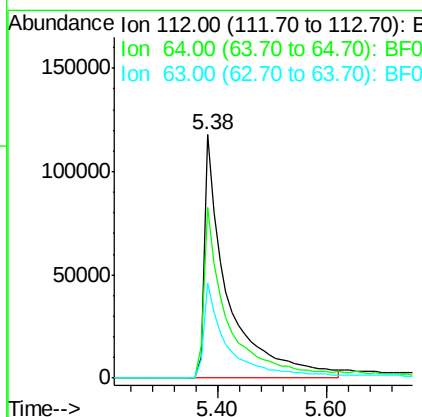
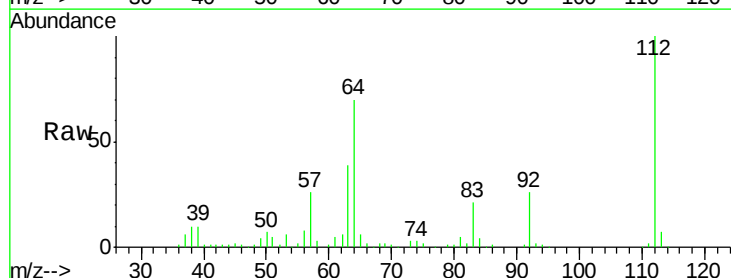
Tot Ion:152 Resp: 117153
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 70.1 51.5 77.3

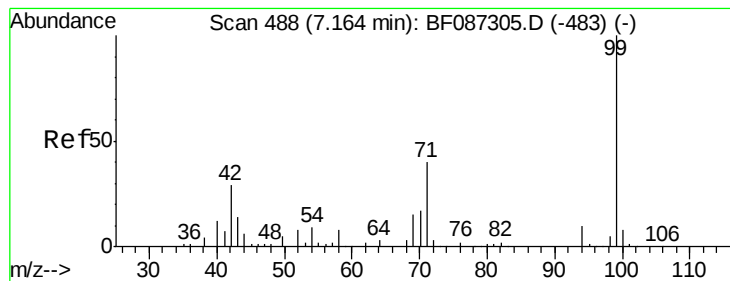


#5

2-Fluorophenol
Concen: 52.38 ng
RT: 5.38 min Scan# 332
Delta R.T. 0.01 min
Lab File: BF087524.D
Acq: 29 May 2016 22:14

Tgt Ion:112 Resp: 349229
Ion Ratio Lower Upper
112 100
64 69.9 52.1 78.1
63 39.2 25.7 38.5#





#7

Phenol-d6

Concen: 31.45 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF087524.D

Acq: 29 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

MW-23

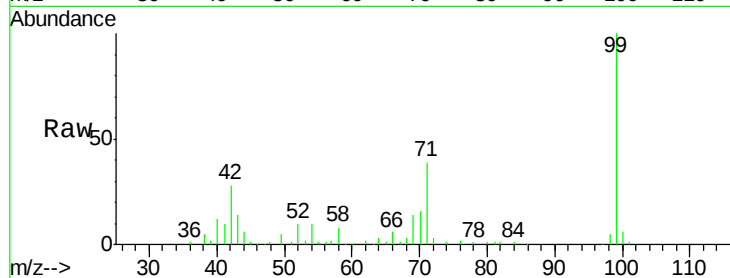
Tot Ion: 99 Resp: 283355

Ion Ratio Lower Upper

99 100

42 28.4 13.6 20.4#

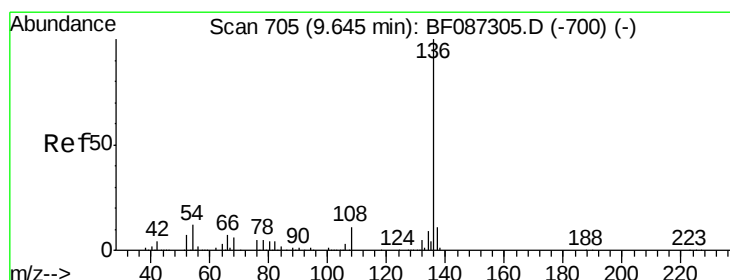
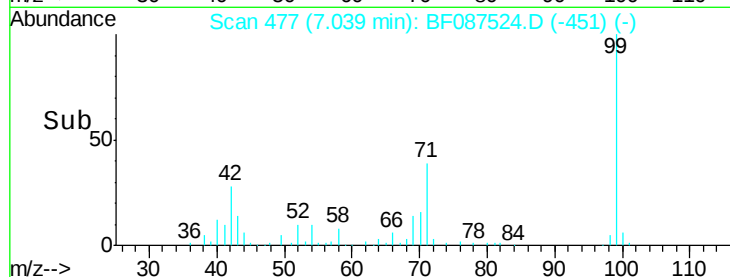
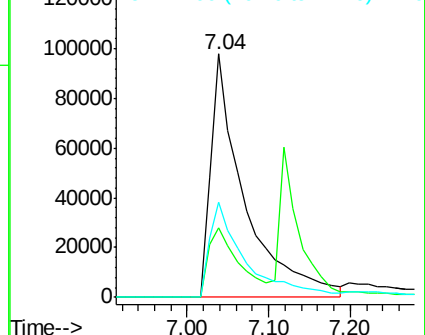
71 38.8 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF087524.D

Acq: 29 May 2016 22:14

Tgt Ion: 136 Resp: 452210

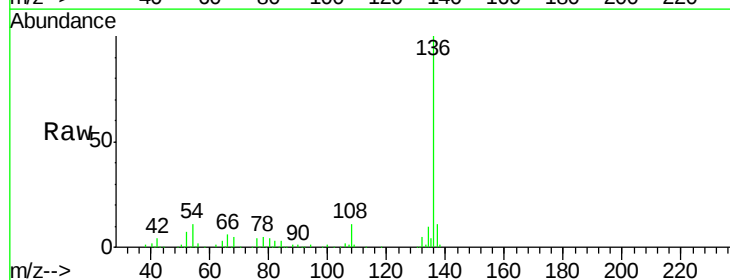
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.6 5.0 7.4#

68 5.2 4.4 6.6

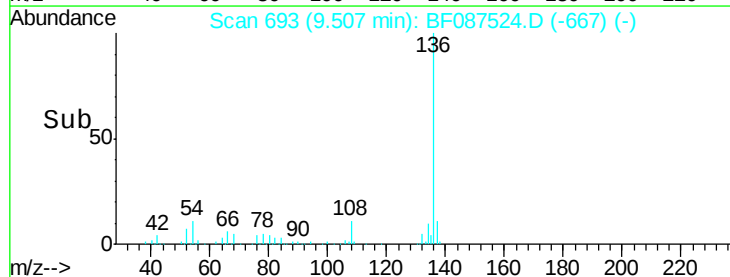
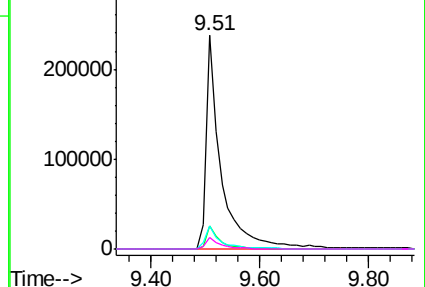


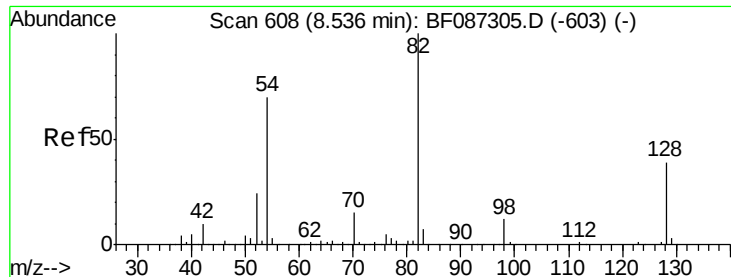
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

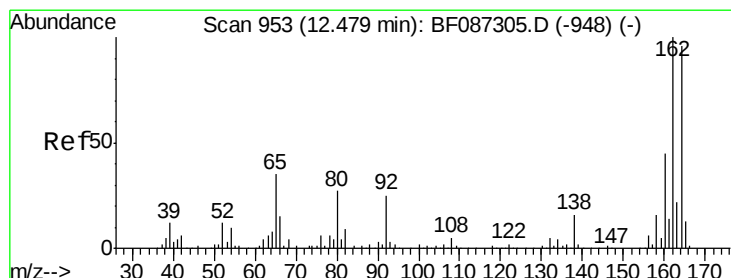
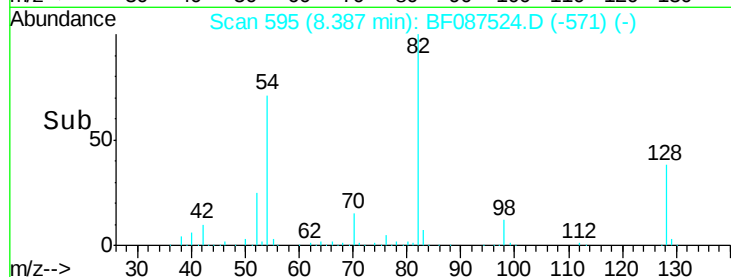
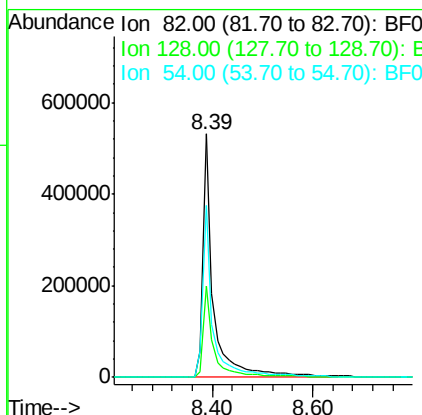
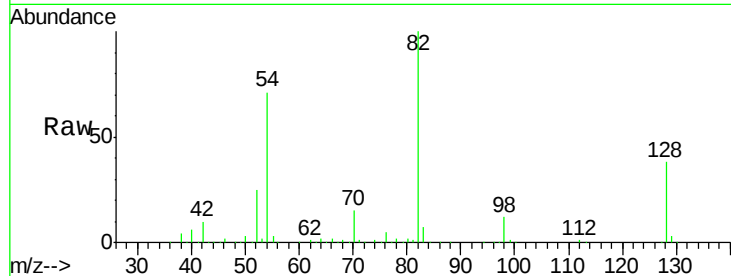




#23
 Nitrobenzene-d5
 Concen: 86.86 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087524.D
 Acq: 29 May 2016 22:14

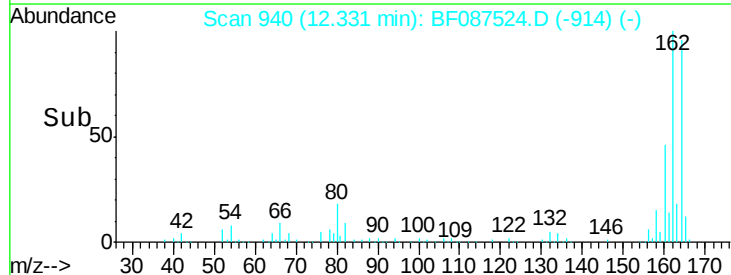
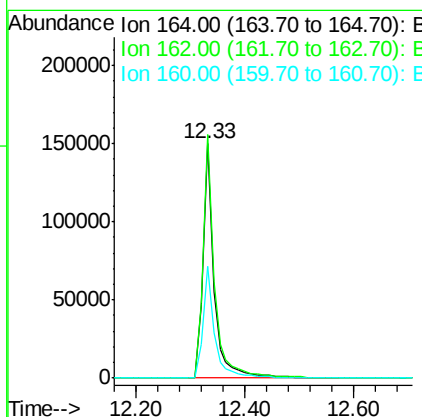
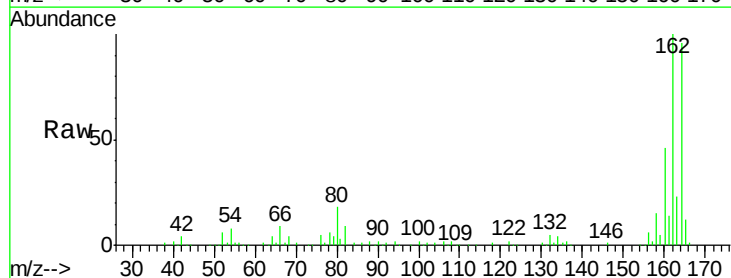
Instrument :
 BNA_F
 ClientSampleId :
 MW-23

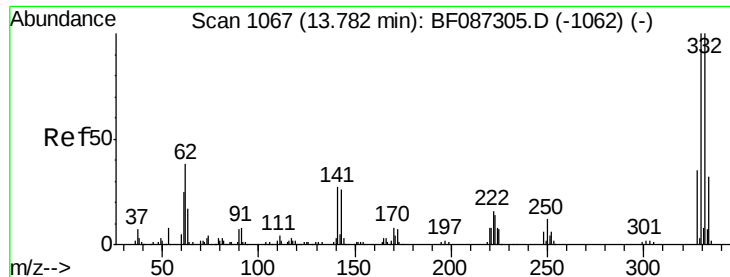
Tot Ion: 82 Resp: 779341
 Ion Ratio Lower Upper
 82 100
 128 37.5 40.6 61.0#
 54 70.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF087524.D
 Acq: 29 May 2016 22:14

Tgt Ion: 164 Resp: 212783
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 47.5 36.9 55.3

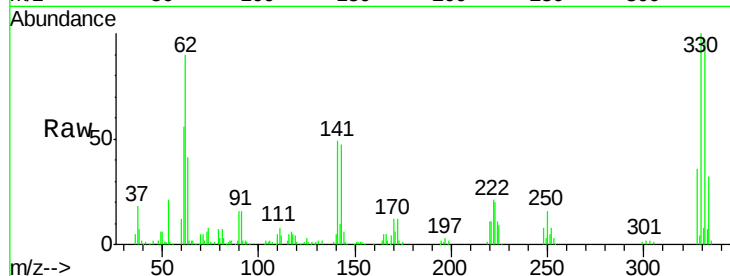




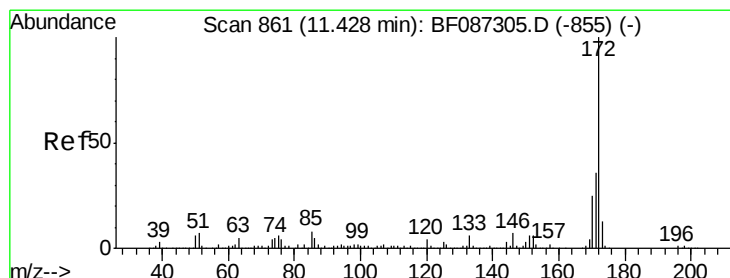
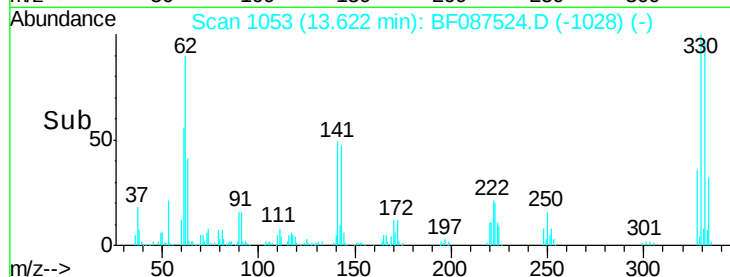
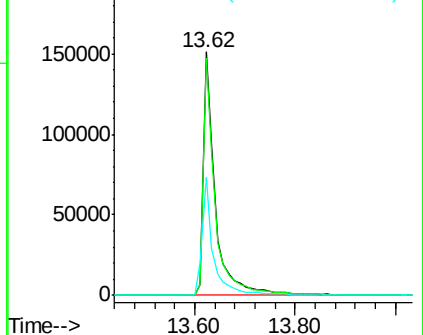
#41
 2,4,6-Tribromophenol
 Concen: 122.92 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087524.D
 Acq: 29 May 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	46.5	31.2	46.8

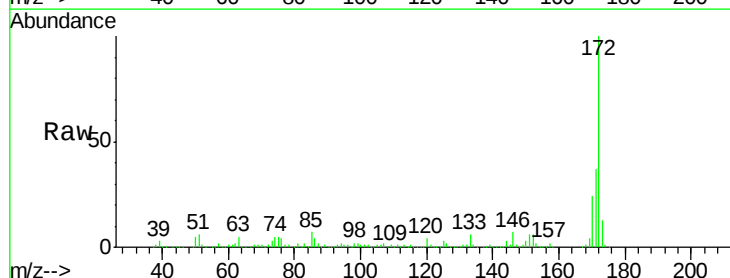


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

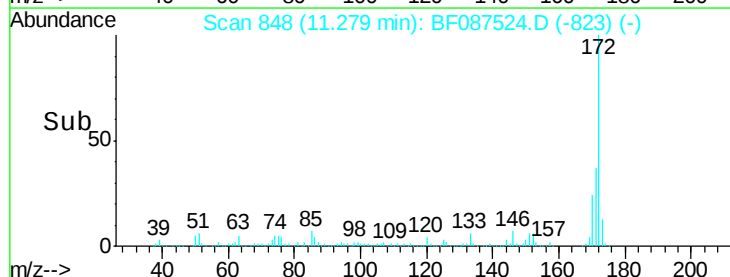
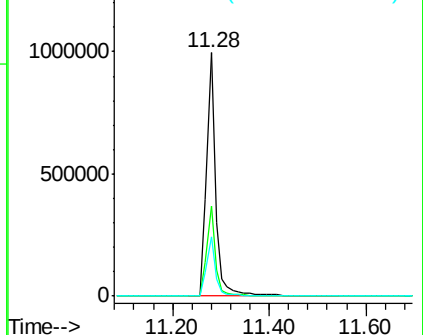


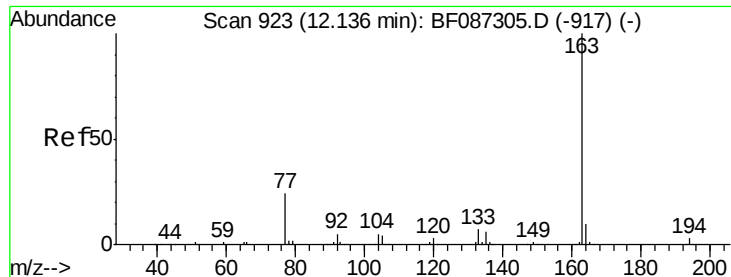
#44
 2-Fluorobiphenyl
 Concen: 87.18 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087524.D
 Acq: 29 May 2016 22:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.5	19.8	29.8



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: 2.91 ng

RT: 12.00 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF087524.D

Acq: 29 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

MW-23

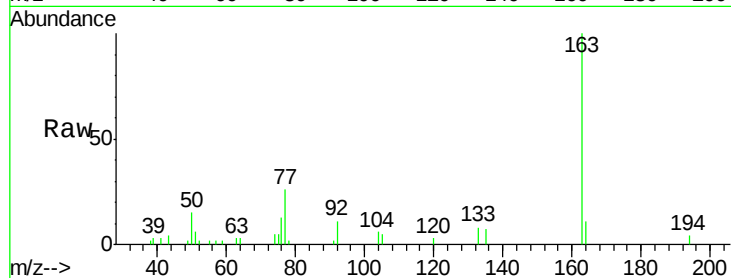
Tot Ion:163 Resp: 49664

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

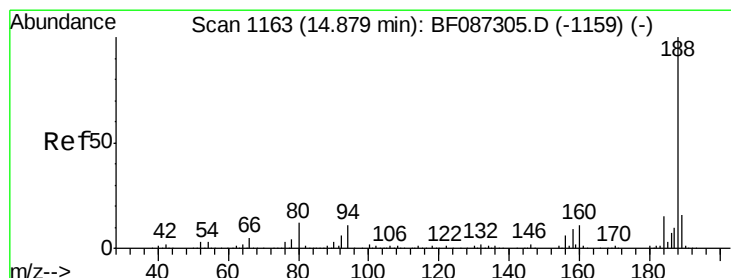
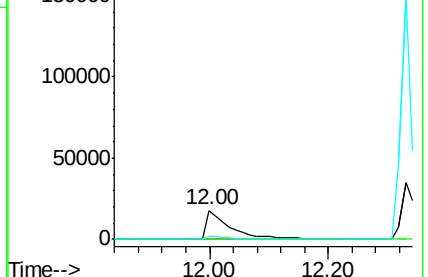
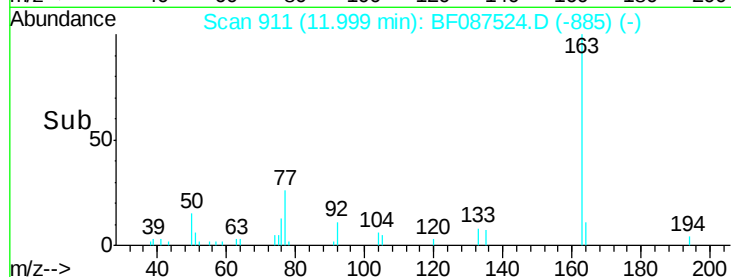
164 11.3 8.2 12.4



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: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF087524.D

Acq: 29 May 2016 22:14

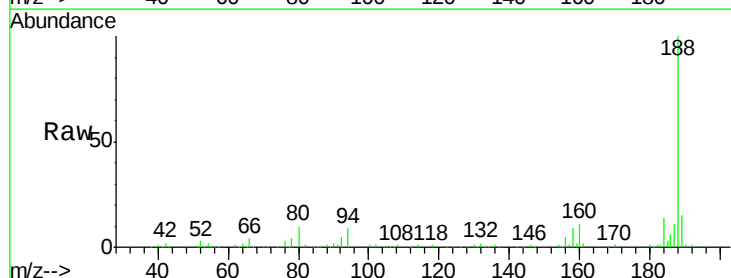
Tgt Ion:188 Resp: 397898

Ion Ratio Lower Upper

188 100

94 8.8 6.8 10.2

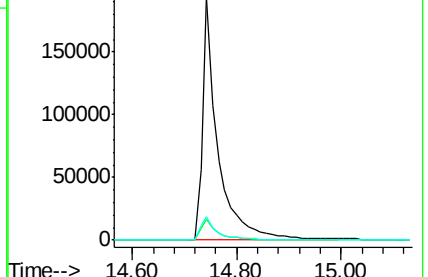
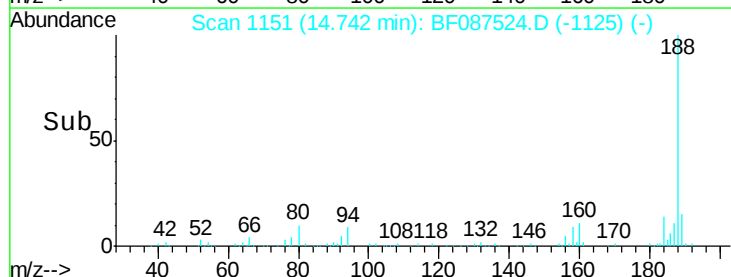
80 9.5 7.1 10.7

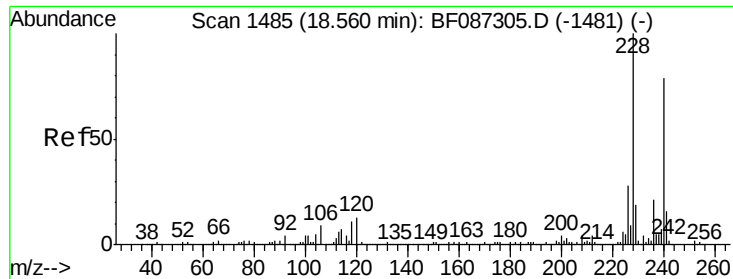


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.46 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF087524.D

Acq: 29 May 2016 22:14

Instrument :

BNA_F

ClientSampleId :

MW-23

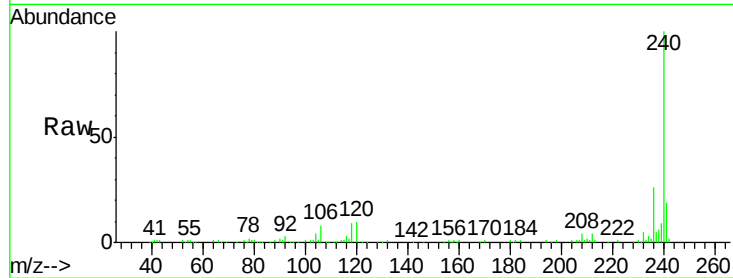
Tot Ion:240 Resp: 280123

Ion Ratio Lower Upper

240 100

120 10.1 11.2 16.8#

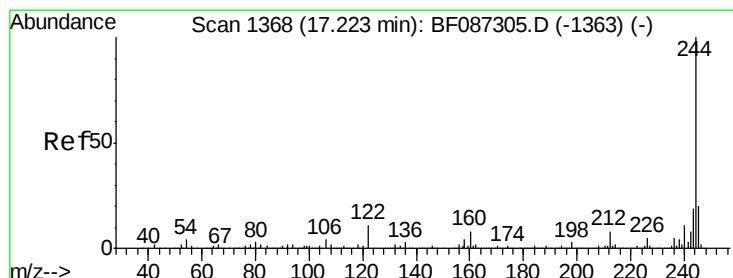
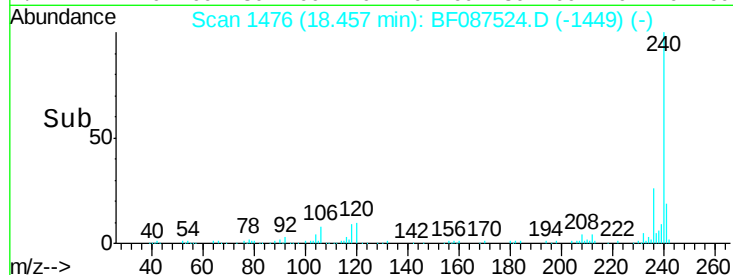
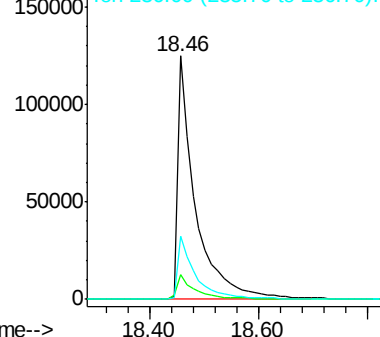
236 25.9 21.2 31.8



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: 89.12 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087524.D

Acq: 29 May 2016 22:14

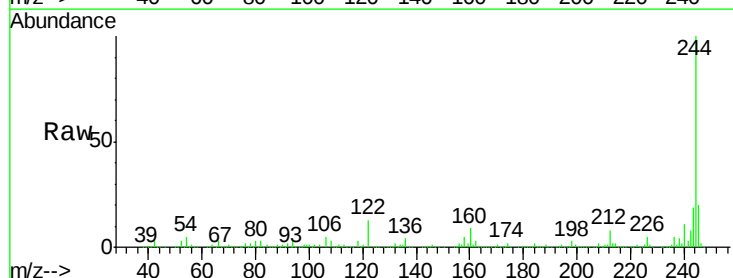
Tgt Ion:244 Resp: 1174296

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

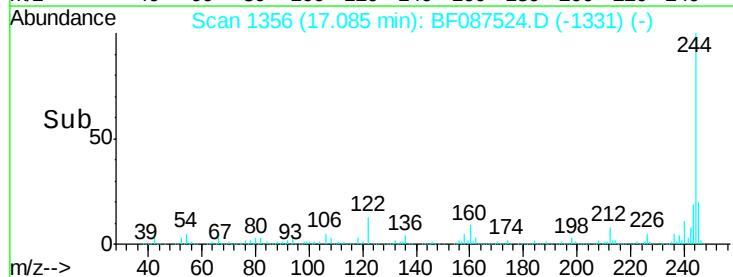
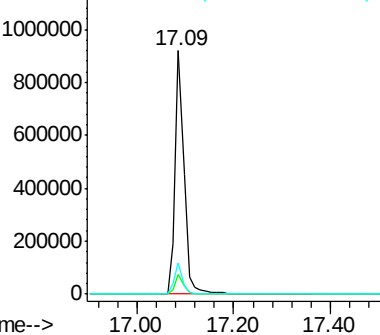
122 13.0 12.0 18.0

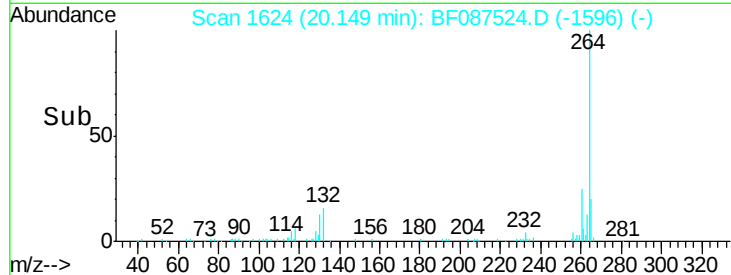
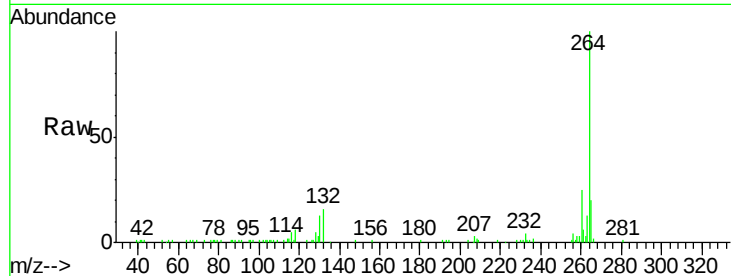
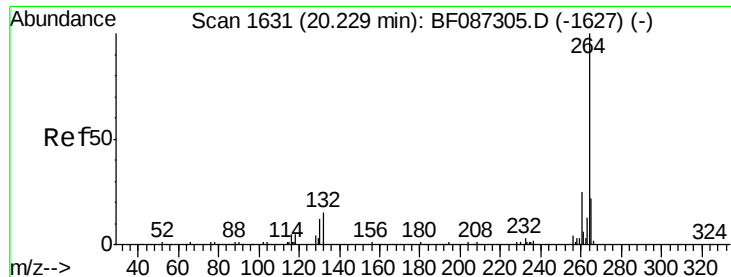


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.15 min Scan# 1624
Delta R.T. 0.02 min
Lab File: BF087524.D
Acq: 29 May 2016 22:14

Instrument :
BNA_F
ClientSampleId :
MW-23

Tot Ion:	264	Resp:	215485
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.4	17.3	25.9

