

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
 Data File : BF087445.D
 Acq On : 27 May 2016 16:12
 Operator : UM/SJ
 Sample : H3265-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-47-052416

Quant Time: May 27 23:51:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

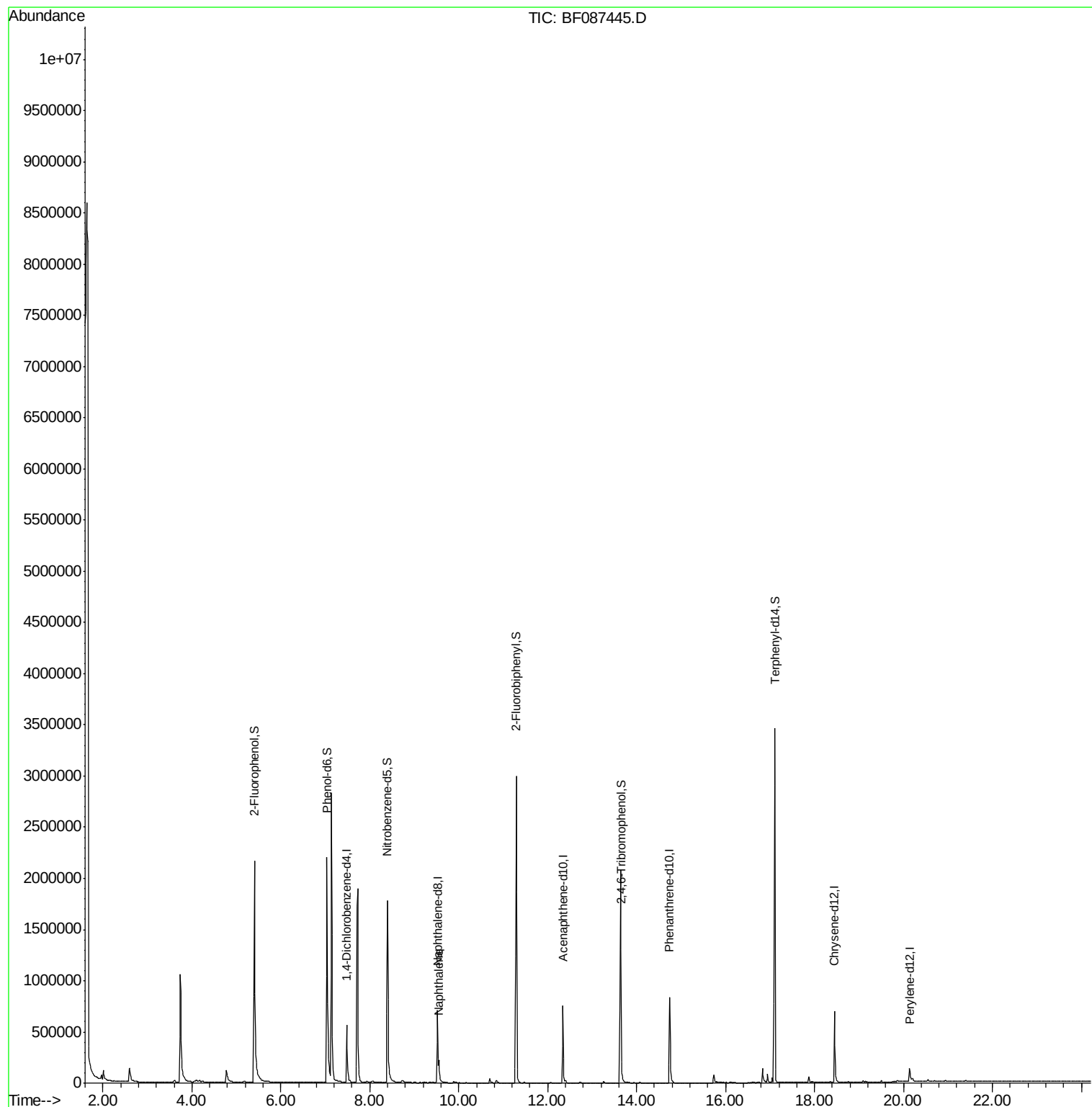
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	109541	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	448298	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	193143	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	424547	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	339292	20.00	ng	-0.03
86) Perylene-d12	20.14	264	56403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	887963	142.44	ng	-0.01
7) Phenol-d6	7.04	99	1059307	125.76	ng	-0.03
23) Nitrobenzene-d5	8.40	82	847933	95.33	ng	-0.05
41) 2,4,6-Tribromophenol	13.65	330	341322	183.90	ng	-0.03
44) 2-Fluorobiphenyl	11.29	172	1421393	103.75	ng	-0.05
78) Terphenyl-d14	17.11	244	1569870	98.37	ng	-0.02
Target Compounds						
31) Naphthalene	9.55	128	178928	7.97	ng	Qvalue 99

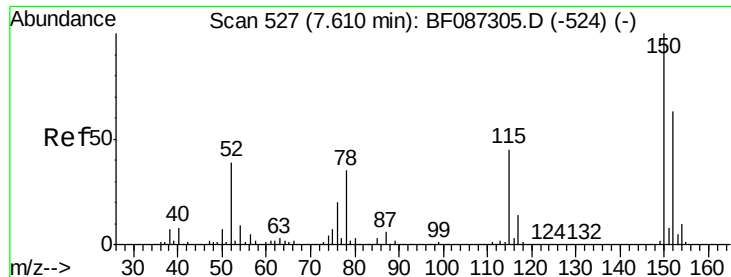
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF087445.D

Acq: 27 May 2016 16:12

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BNA_F

ClientSampleId :

HSR-WC-47-052416

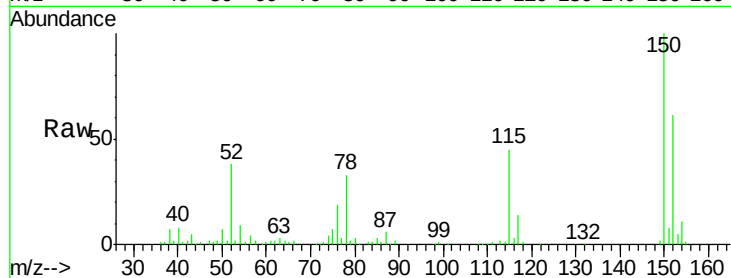
Tot Ion:152 Resp: 109541

Ion Ratio Lower Upper

152 100

150 164.2 125.8 188.6

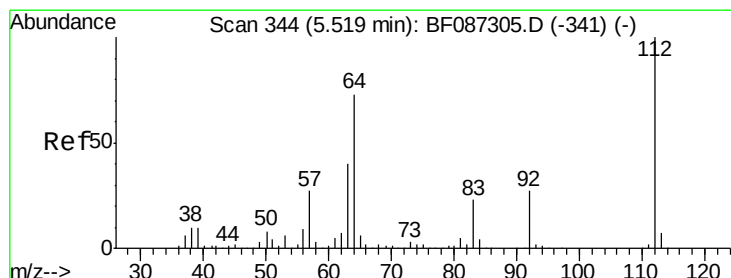
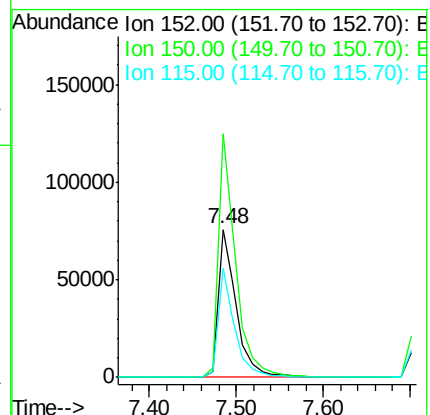
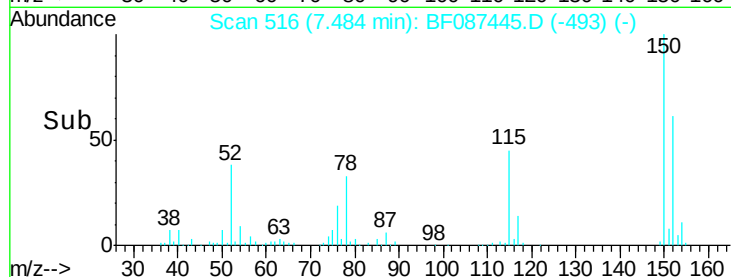
115 73.3 51.5 77.3



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: 142.44 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.01 min

Lab File: BF087445.D

Acq: 27 May 2016 16:12

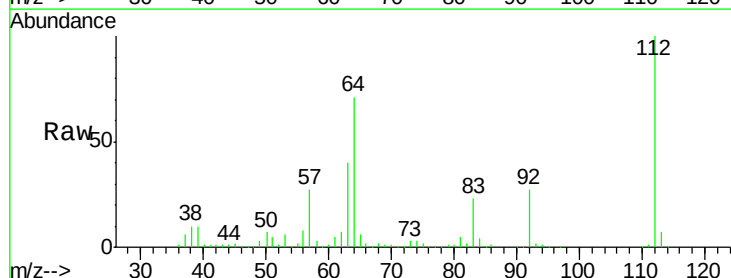
Tgt Ion:112 Resp: 887963

Ion Ratio Lower Upper

112 100

64 71.5 52.1 78.1

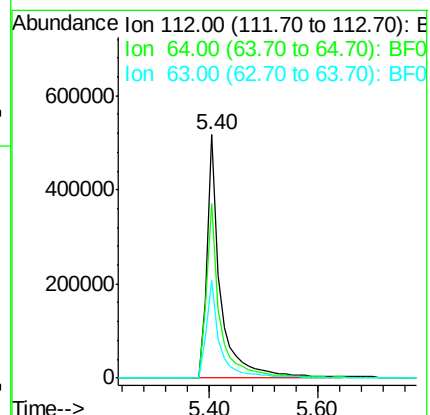
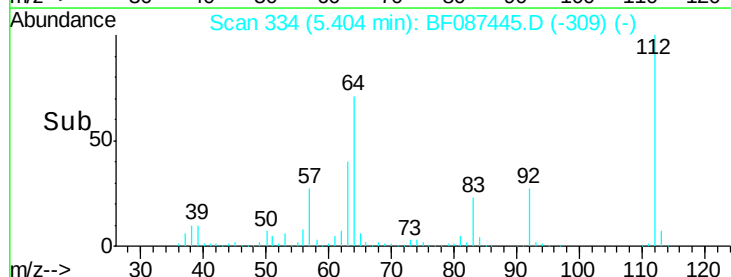
63 40.3 25.7 38.5

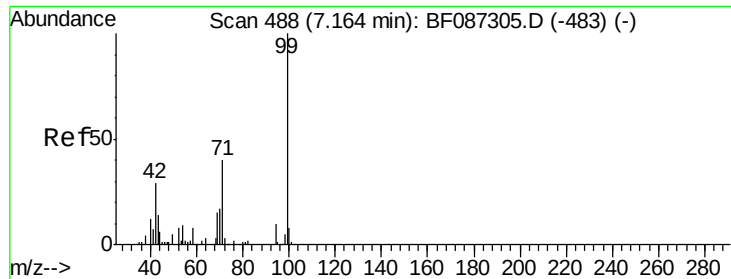


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.76 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.03 min

Lab File: BF087445.D

Acq: 27 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

HSR-WC-47-052416

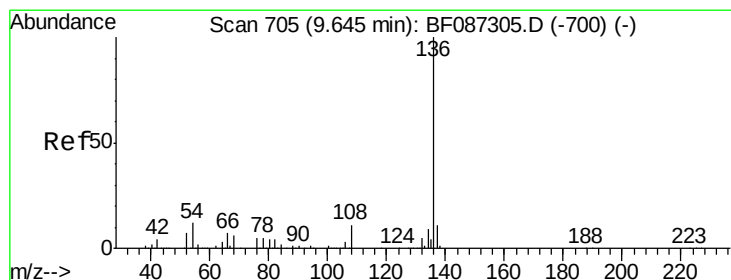
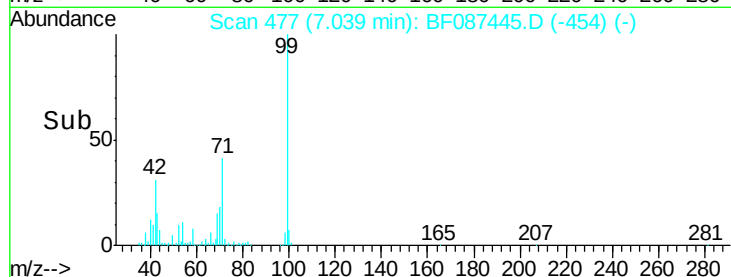
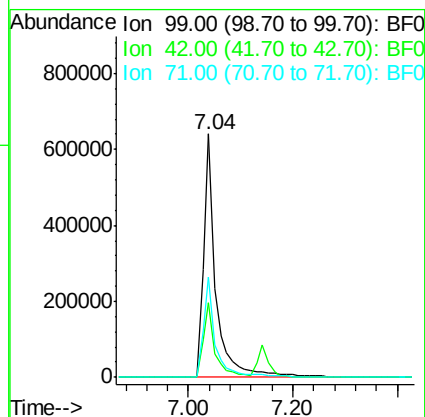
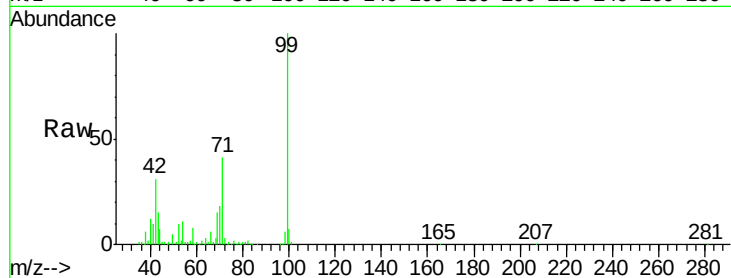
Tot Ion: 99 Resp: 1059307

Ion Ratio Lower Upper

99 100

42 30.5 13.6 20.4#

71 41.3 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087445.D

Acq: 27 May 2016 16:12

Tgt Ion: 136 Resp: 448298

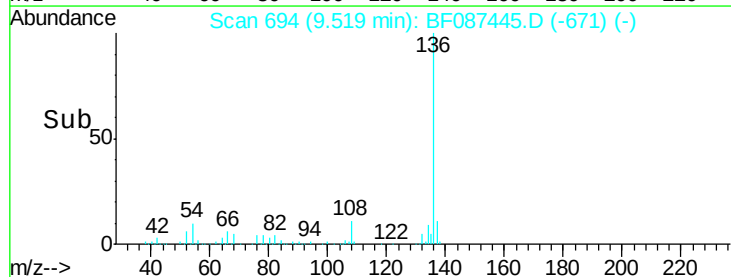
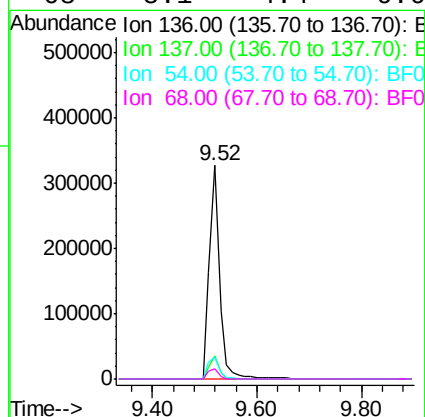
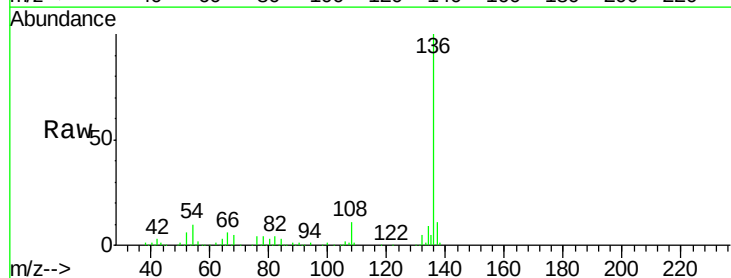
Ion Ratio Lower Upper

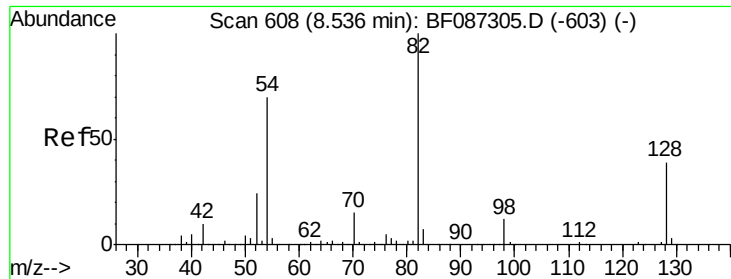
136 100

137 10.6 8.8 13.2

54 10.5 5.0 7.4#

68 5.1 4.4 6.6

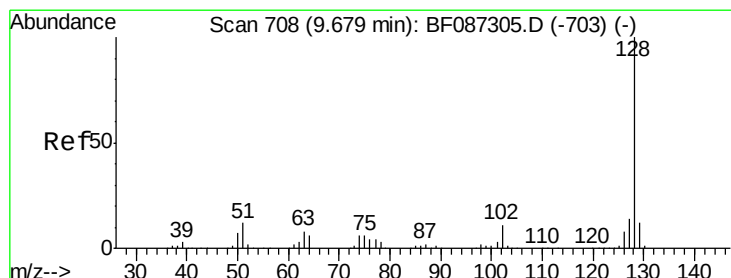
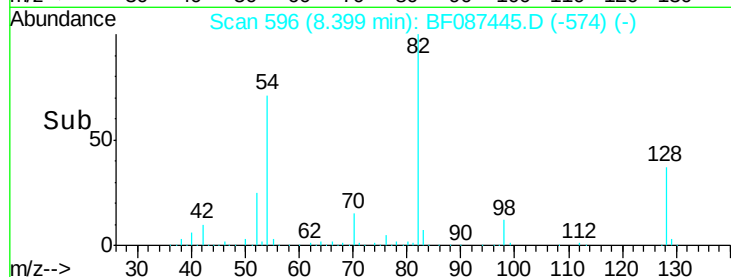
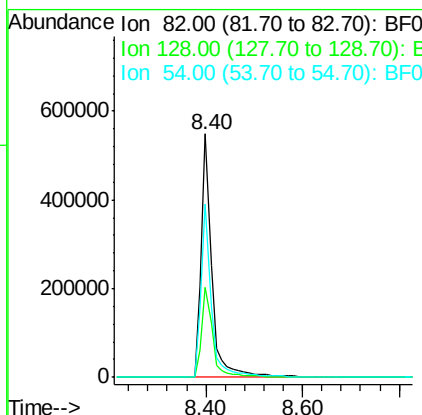
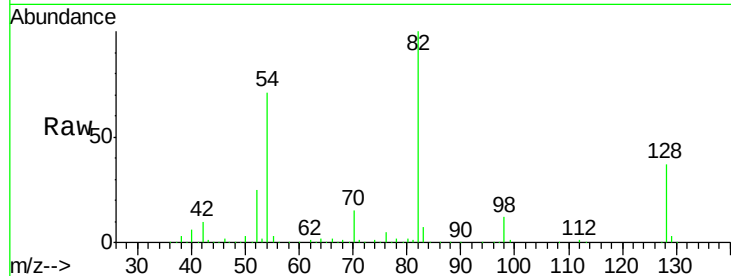




#23
 Nitrobenzene-d5
 Concen: 95.33 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF087445.D
 Acq: 27 May 2016 16:12

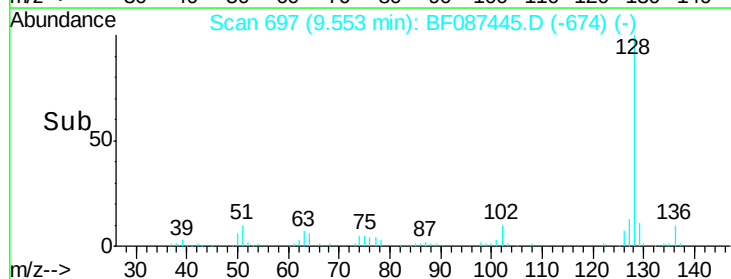
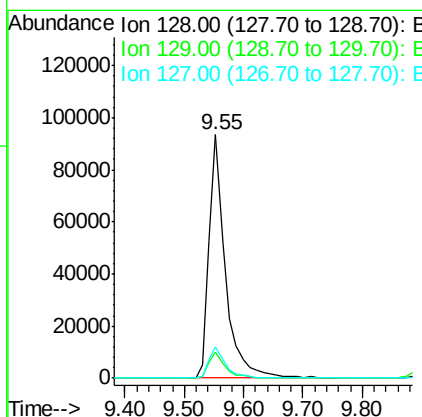
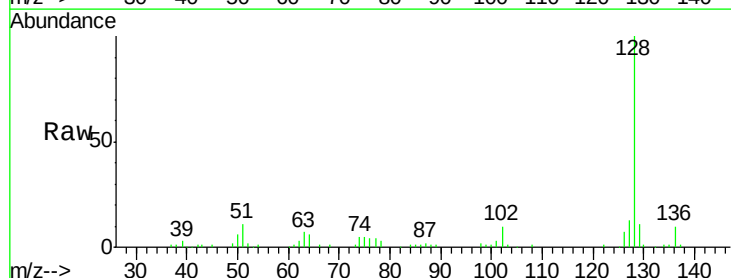
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-47-052416

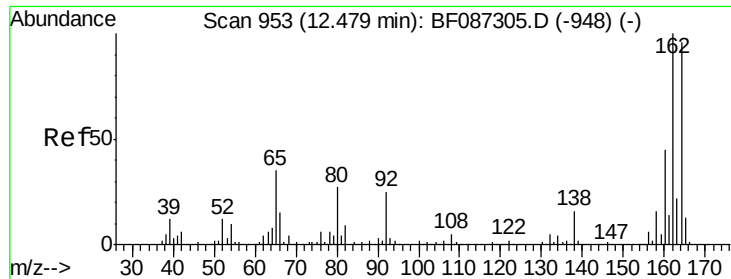
Tot Ion: 82 Resp: 847933
 Ion Ratio Lower Upper
 82 100
 128 37.2 40.6 61.0#
 54 71.1 38.1 57.1#



#31
 Naphthalene
 Concen: 7.97 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.03 min
 Lab File: BF087445.D
 Acq: 27 May 2016 16:12

Tgt Ion: 128 Resp: 178928
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.6 13.0
 127 12.7 10.8 16.2

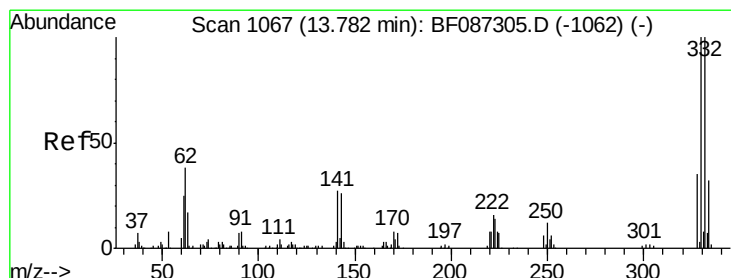
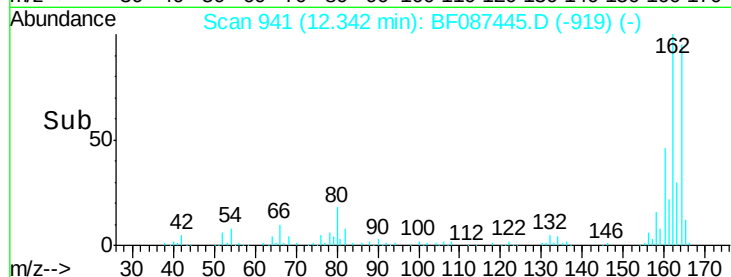
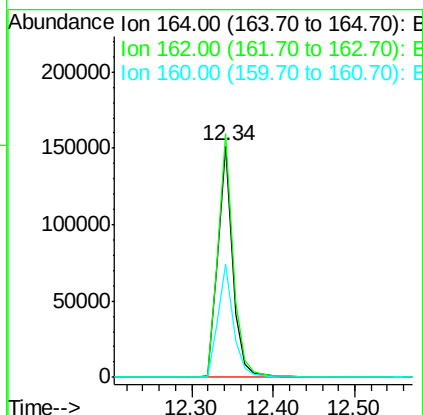
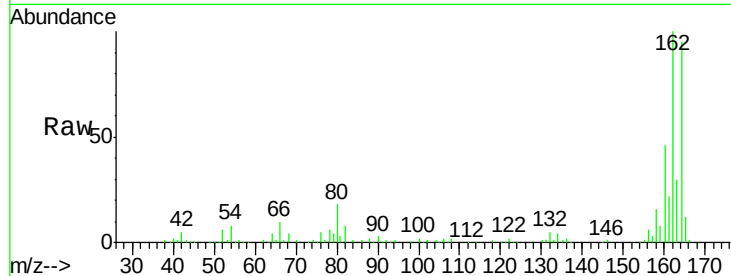




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087445.D
 Acq: 27 May 2016 16:12

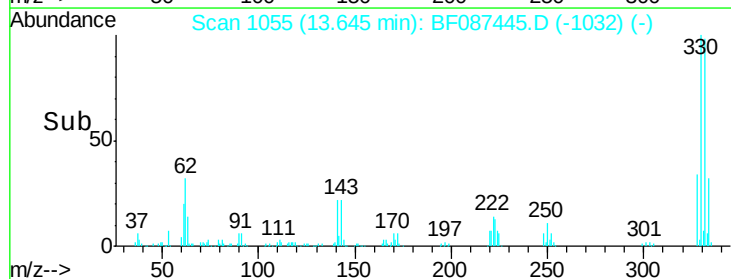
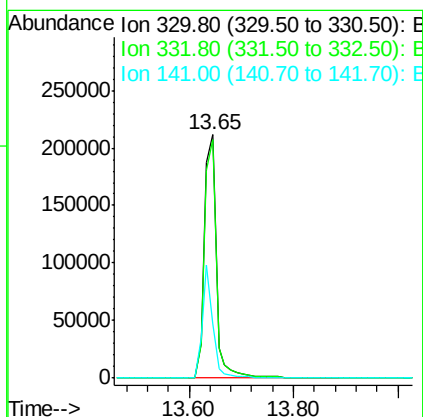
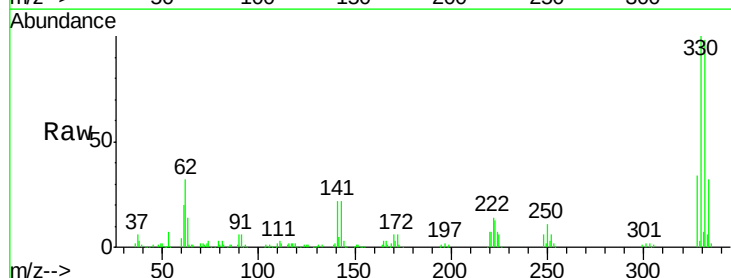
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-47-052416

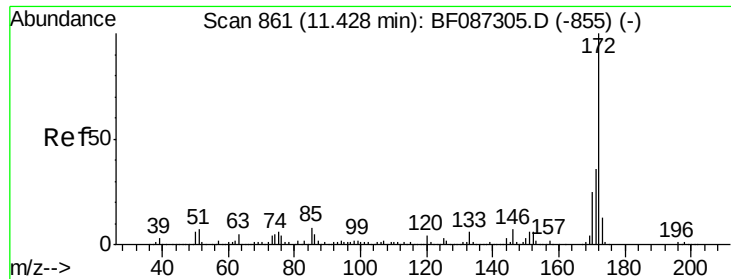
Tot Ion:164 Resp: 193143
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.8 124.2
 160 48.8 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 183.90 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.03 min
 Lab File: BF087445.D
 Acq: 27 May 2016 16:12

Tgt Ion:330 Resp: 341322
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 41.0 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 103.75 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.05 min

Lab File: BF087445.D

Acq: 27 May 2016 16:12

Instrument :

BNA_F

ClientSampleId :

HSR-WC-47-052416

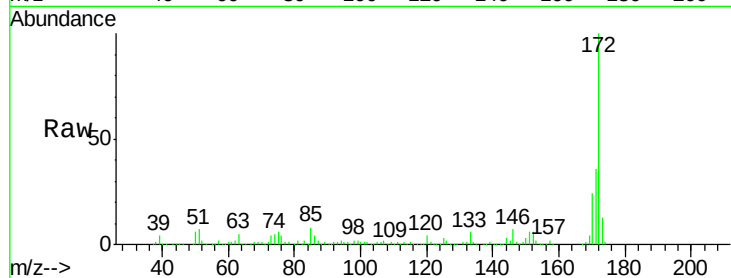
Tot Ion:172 Resp: 1421393

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

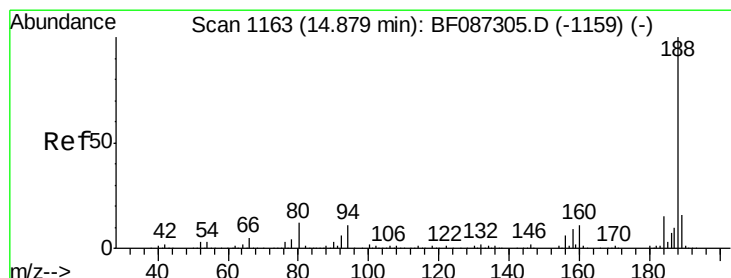
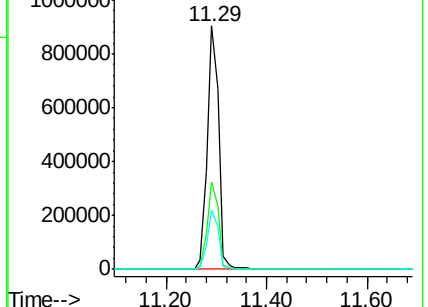
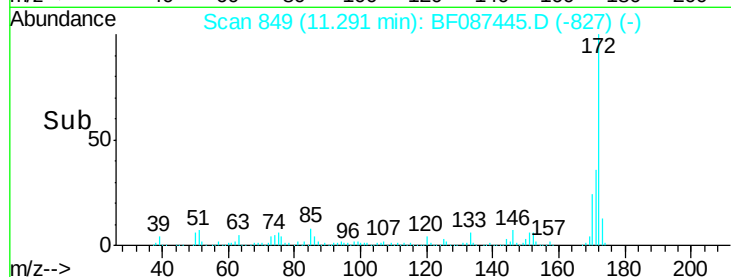
170 24.3 19.8 29.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 1151

Delta R.T. -0.03 min

Lab File: BF087445.D

Acq: 27 May 2016 16:12

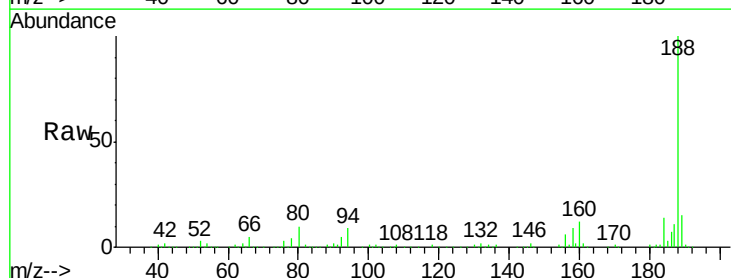
Tgt Ion:188 Resp: 424547

Ion Ratio Lower Upper

188 100

94 9.4 6.8 10.2

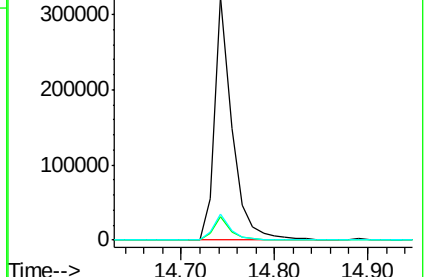
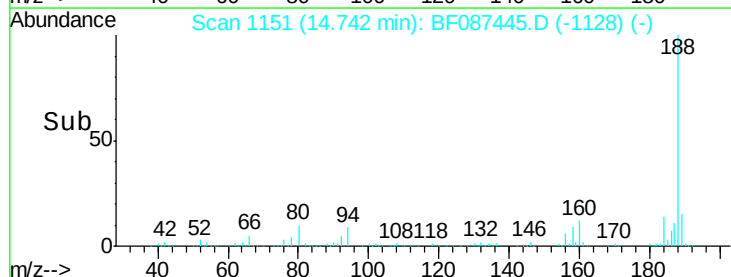
80 10.5 7.1 10.7

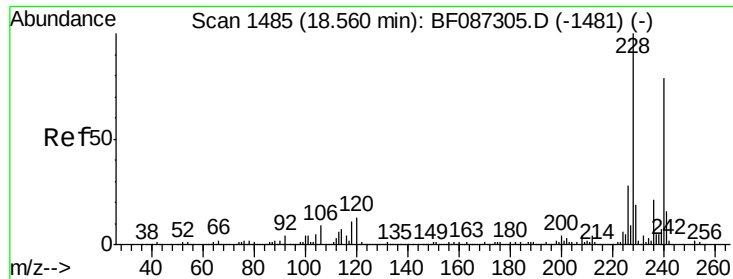


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.45 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BF087445.D

Acq: 27 May 2016 16:12

Instrument :

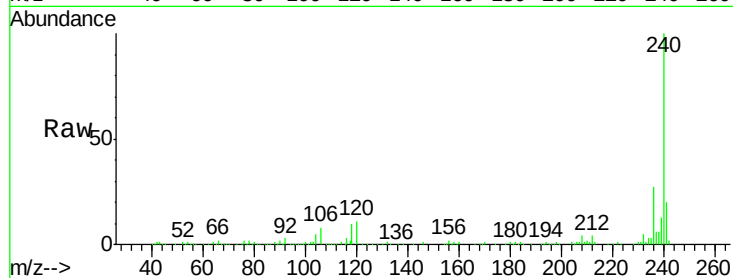
BNA_F

ClientSampleId :

HSR-WC-47-052416

Tot Ion:240 Resp: 339292

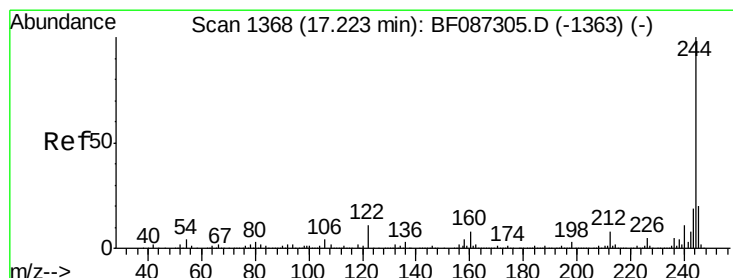
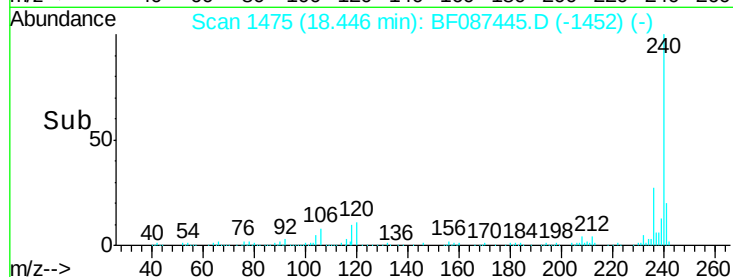
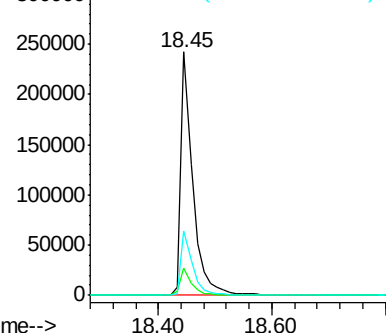
Ion	Ratio	Lower	Upper
240	100		
120	11.5	11.2	16.8
236	26.6	21.2	31.8



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: 98.37 ng

RT: 17.11 min Scan# 1358

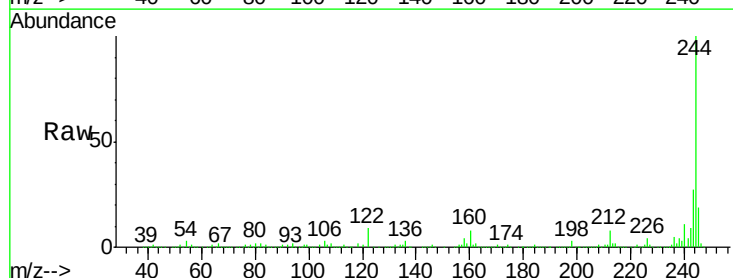
Delta R.T. -0.02 min

Lab File: BF087445.D

Acq: 27 May 2016 16:12

Tgt Ion:244 Resp: 1569870

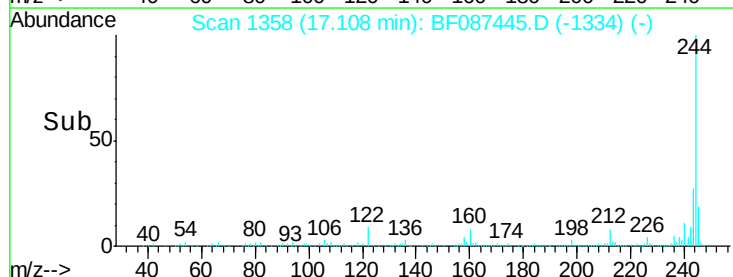
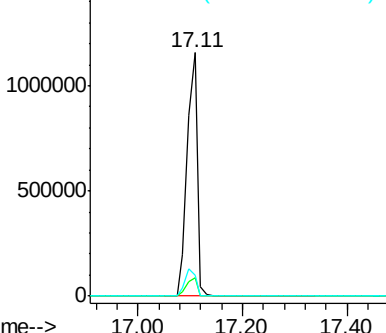
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	8.8	12.0	18.0

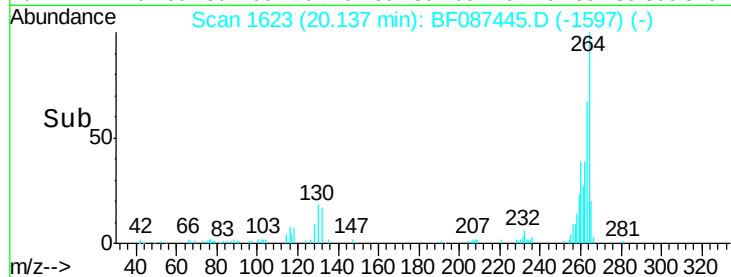
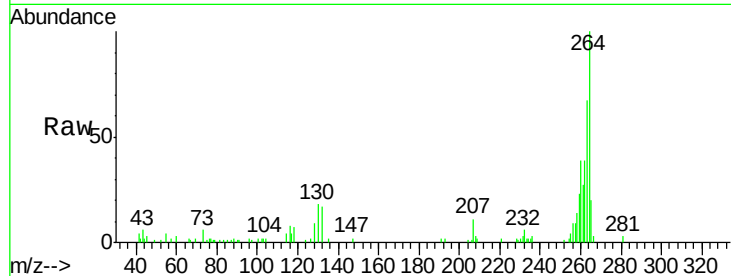
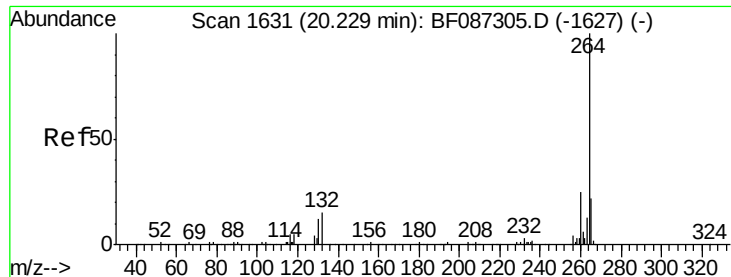


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.14 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF087445.D
 Acq: 27 May 2016 16:12

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-47-052416

Tot Ion	Ratio	Lower	Upper
264	100		
260	38.9	19.5	29.3
265	20.5	17.3	25.9

