

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
 Data File : BF087421.D
 Acq On : 26 May 2016 22:26
 Operator : UM/SJ
 Sample : H3240-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-46-052316

Quant Time: May 27 02:23:47 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	7.51	152	107224	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	431548	20.00	ng	-0.02
38) Acenaphthene-d10	12.37	164	172009	20.00	ng	-0.02
63) Phenanthrene-d10	14.77	188	402490	20.00	ng	-0.01
75) Chrysene-d12	18.46	240	277489	20.00	ng	-0.02
86) Perylene-d12	20.14	264	17297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	882501	144.62	ng	0.02
7) Phenol-d6	7.06	99	998376	121.08	ng	-0.01
23) Nitrobenzene-d5	8.42	82	844675	98.65	ng	-0.02
41) 2,4,6-Tribromophenol	13.66	330	295268	178.63	ng	-0.02
44) 2-Fluorobiphenyl	11.31	172	1333623	109.30	ng	-0.02
78) Terphenyl-d14	17.12	244	1314212	100.69	ng	-0.01

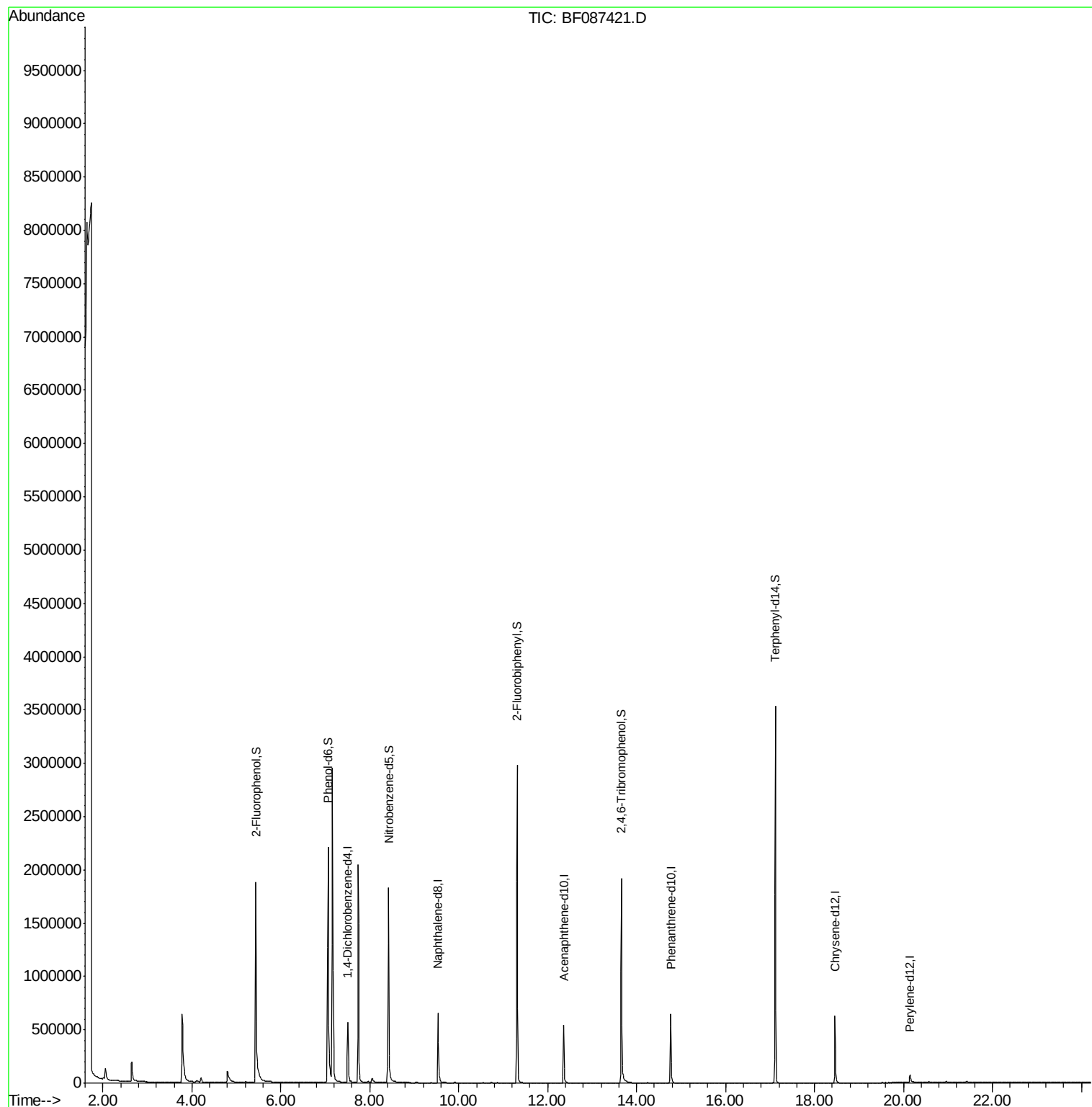
Target Compounds Qvalue

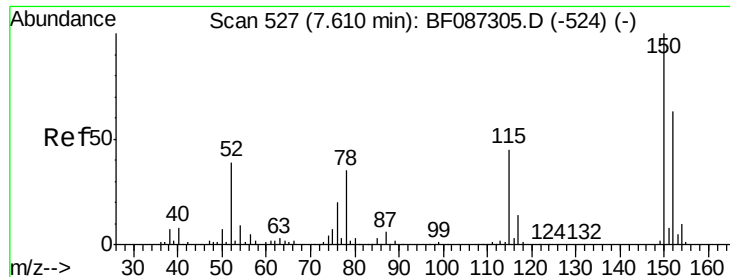
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.51 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF087421.D

Acq: 26 May 2016 22:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-46-052316

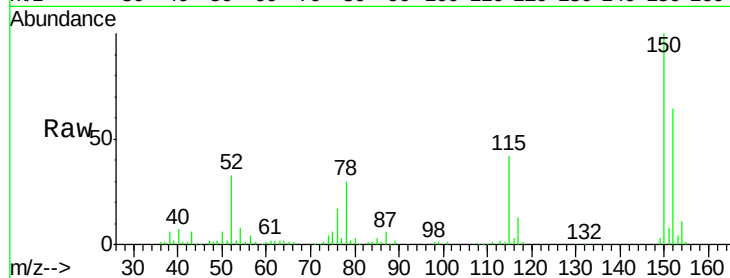
Tot Ion:152 Resp: 107224

Ion Ratio Lower Upper

152 100

150 157.1 125.8 188.6

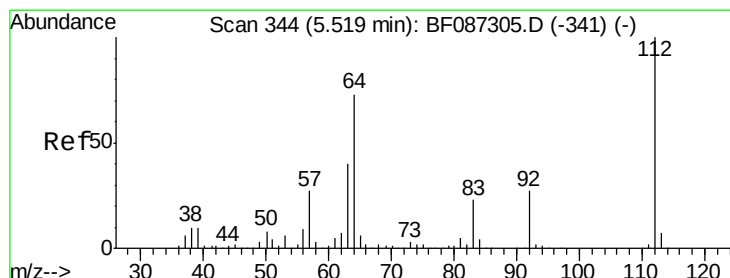
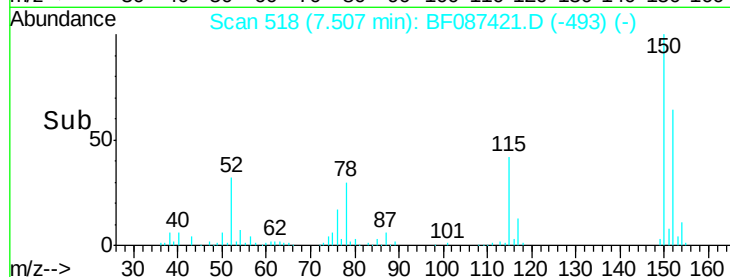
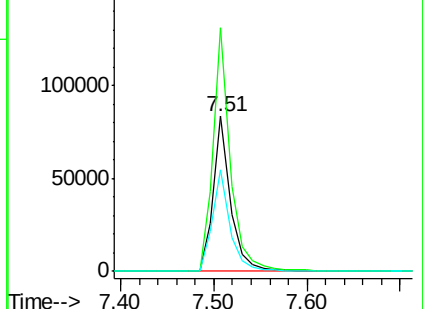
115 65.9 51.5 77.3



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: 144.62 ng

RT: 5.44 min Scan# 337

Delta R.T. 0.02 min

Lab File: BF087421.D

Acq: 26 May 2016 22:26

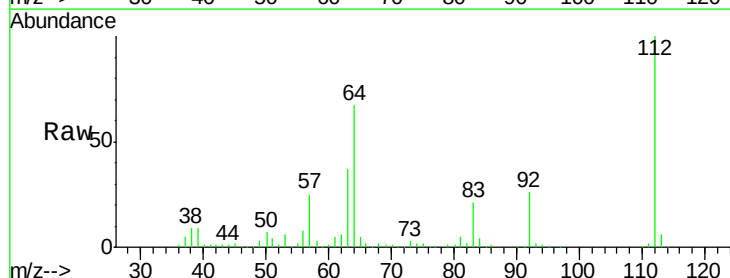
Tgt Ion:112 Resp: 882501

Ion Ratio Lower Upper

112 100

64 67.0 52.1 78.1

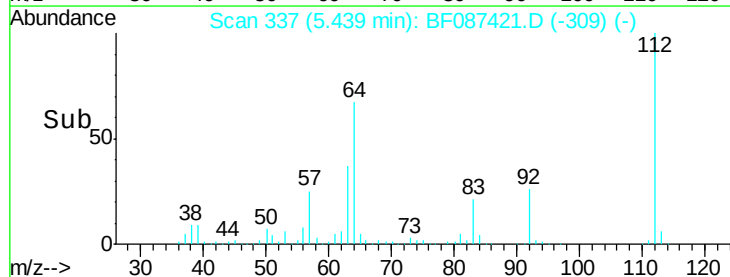
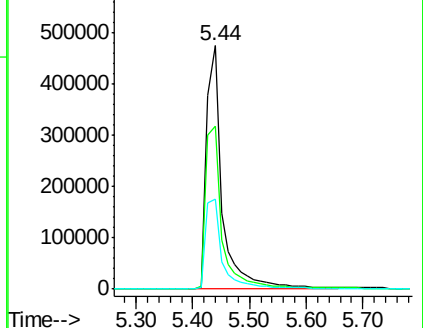
63 37.1 25.7 38.5

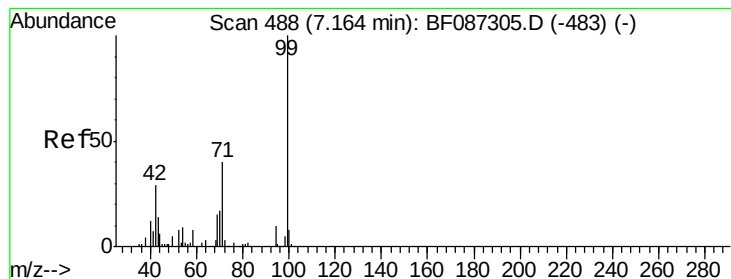


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.08 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF087421.D

Acq: 26 May 2016 22:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-46-052316

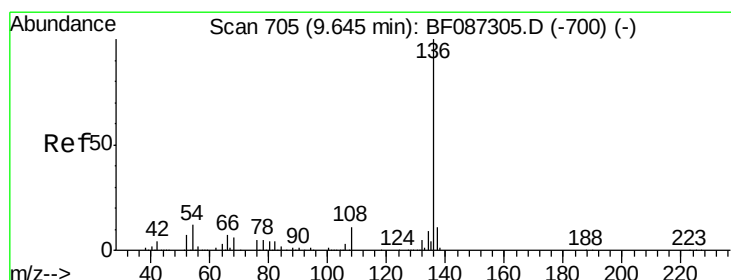
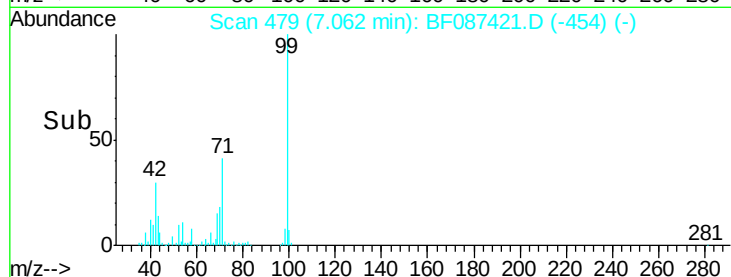
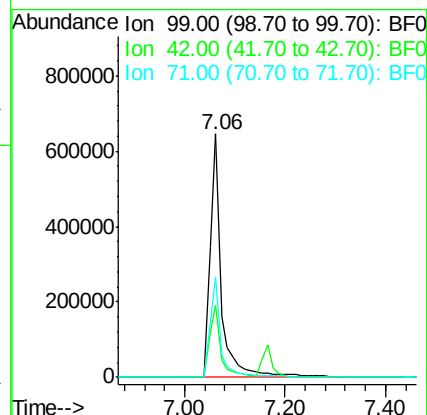
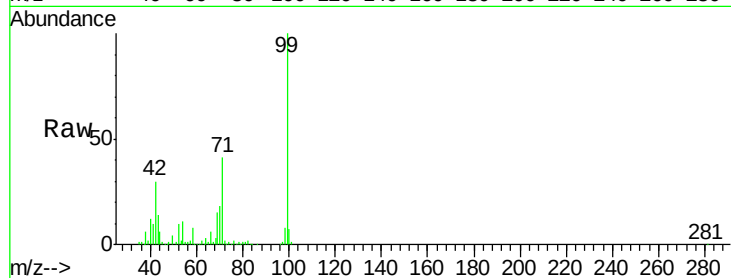
Tot Ion: 99 Resp: 998376

Ion Ratio Lower Upper

99 100

42 29.7 13.6 20.4#

71 40.9 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF087421.D

Acq: 26 May 2016 22:26

Tgt Ion: 136 Resp: 431548

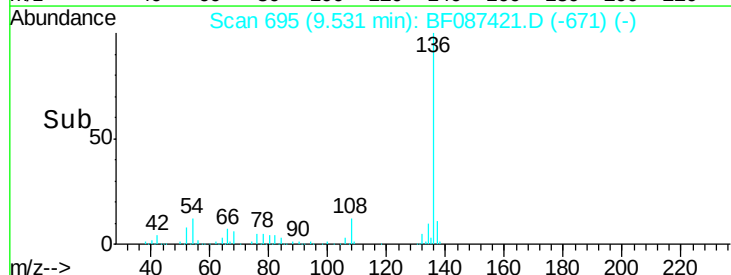
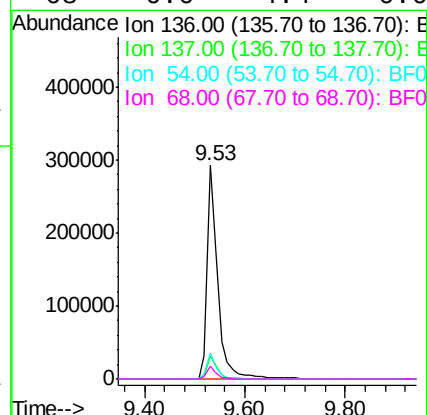
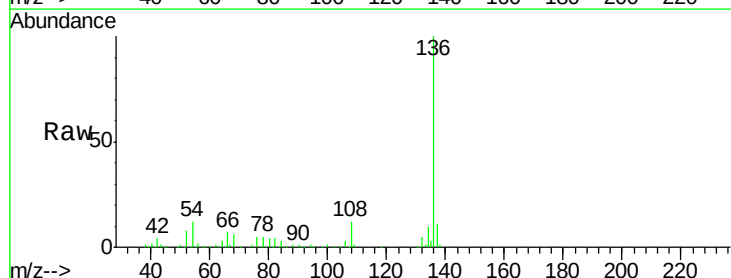
Ion Ratio Lower Upper

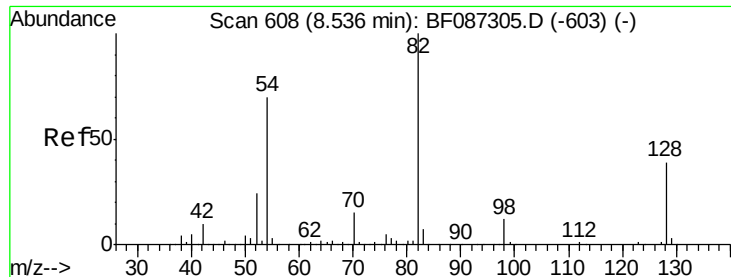
136 100

137 11.1 8.8 13.2

54 11.9 5.0 7.4#

68 6.0 4.4 6.6

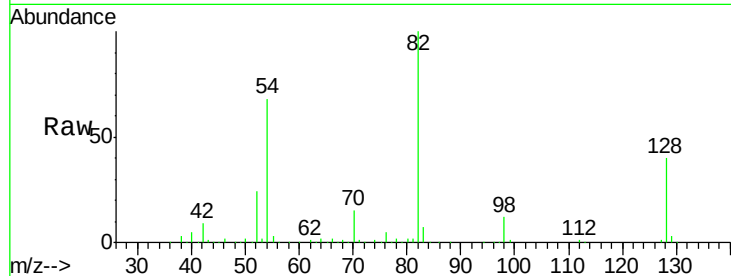




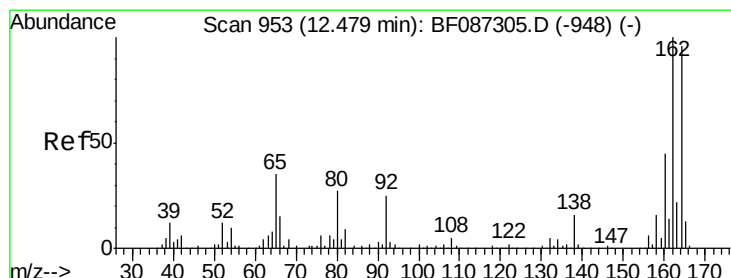
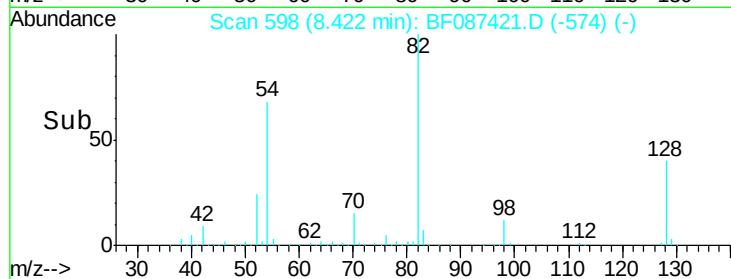
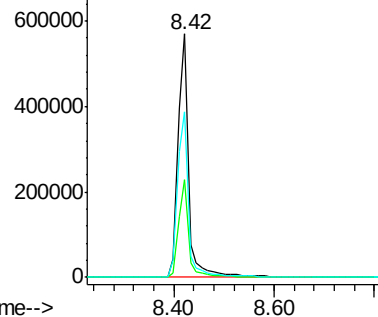
#23
 Nitrobenzene-d5
 Concen: 98.65 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: BF087421.D
 Acq: 26 May 2016 22:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-46-052316

Tot Ion	82	Resp	844675
Ion Ratio	100		
Lower	40.6		
Upper	61.0		
54	67.9	38.1	57.1

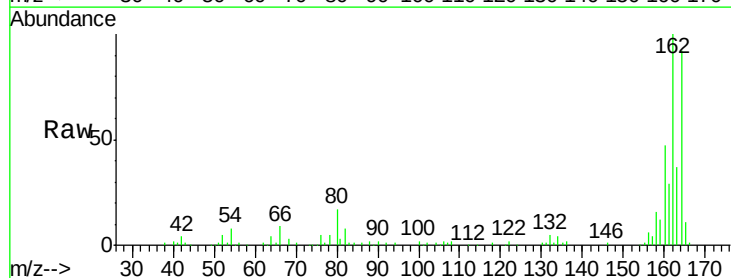


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

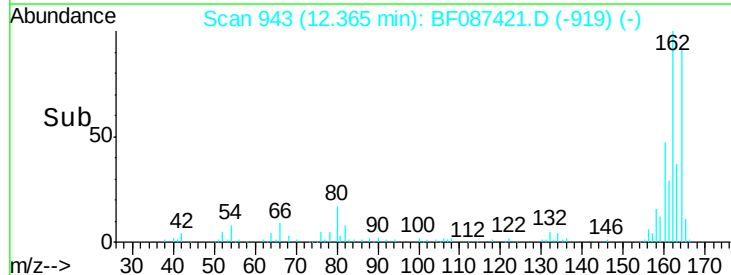
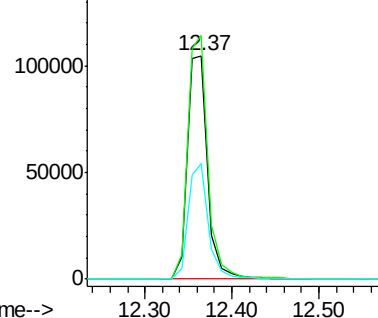


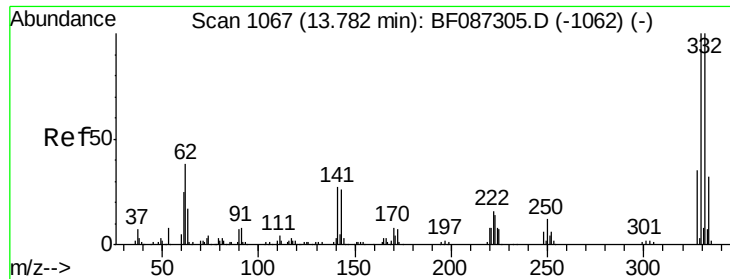
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.37 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF087421.D
 Acq: 26 May 2016 22:26

Tgt Ion	164	Resp	172009
Ion Ratio	100		
Lower	82.8		
Upper	124.2		
162	108.8	36.9	55.3



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

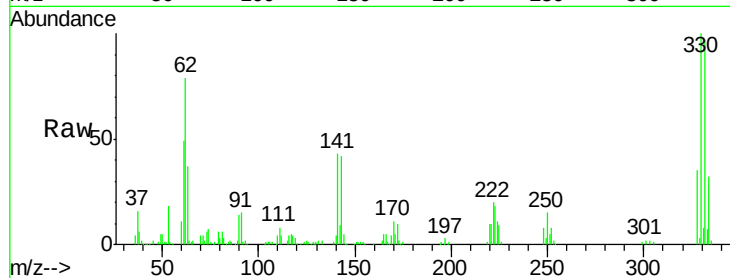




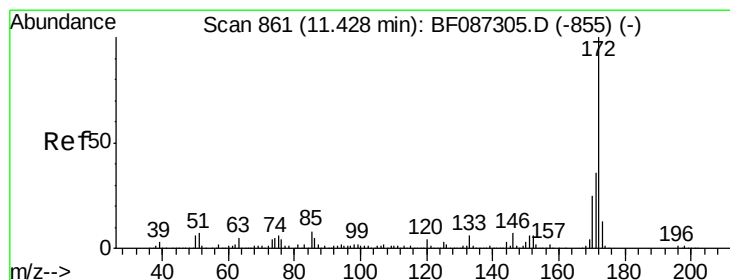
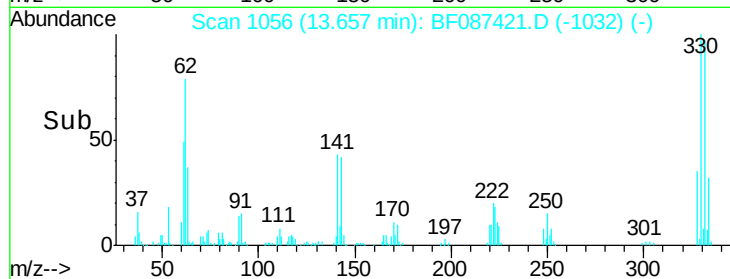
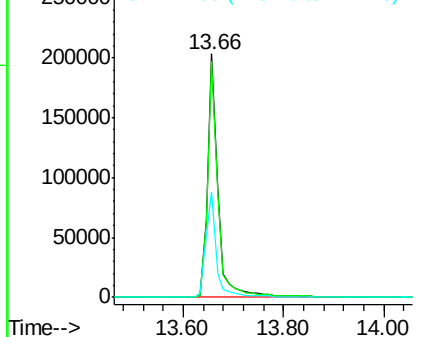
#41
 2,4,6-Tribromophenol
 Concen: 178.63 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.02 min
 Lab File: BF087421.D
 Acq: 26 May 2016 22:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-46-052316

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	44.4	31.2	46.8

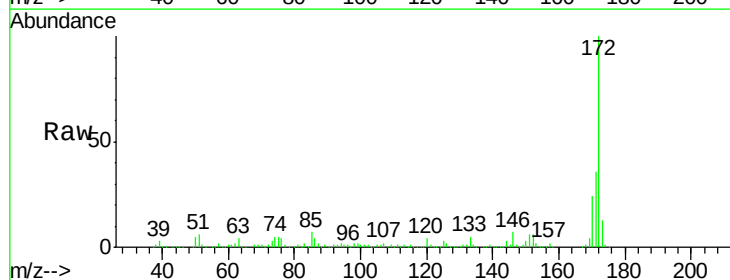


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

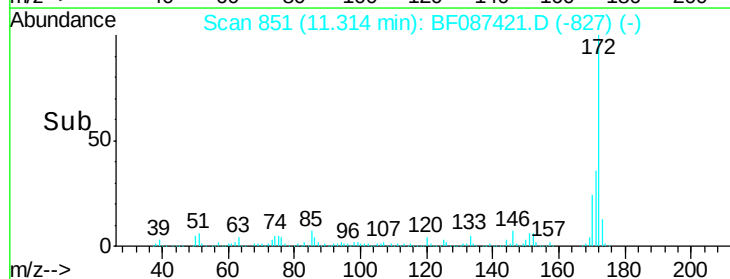
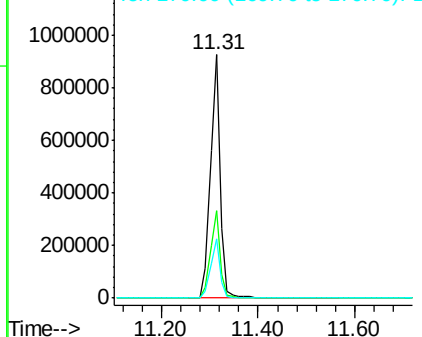


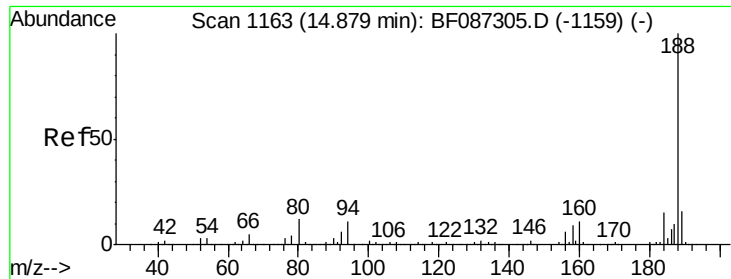
#44
 2-Fluorobiphenyl
 Concen: 109.30 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF087421.D
 Acq: 26 May 2016 22:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	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

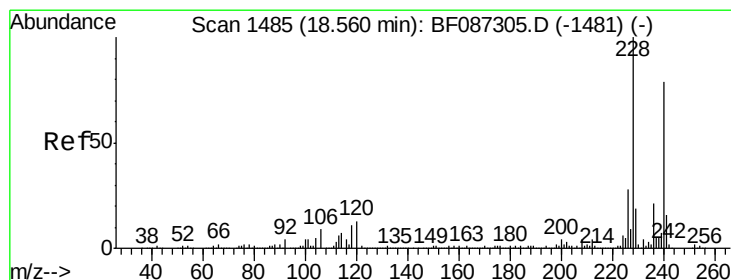
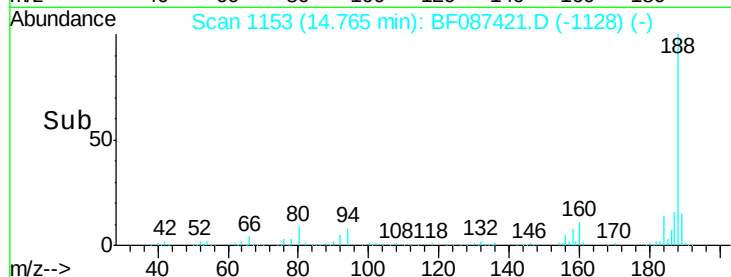
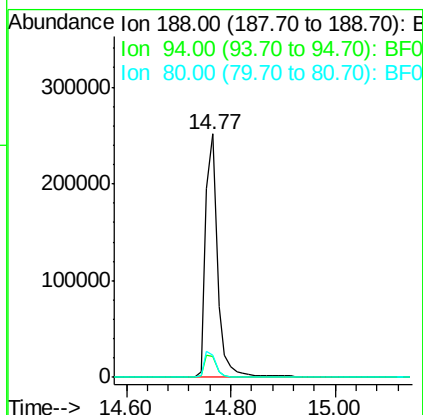
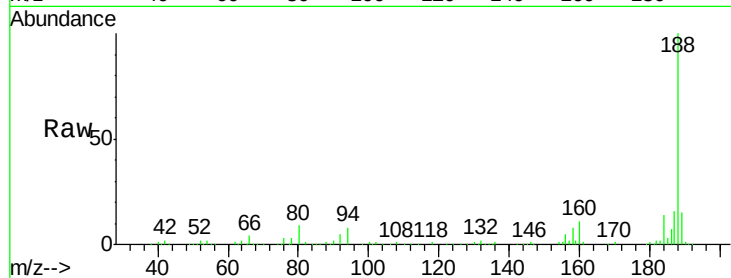




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087421.D
Acq: 26 May 2016 22:26

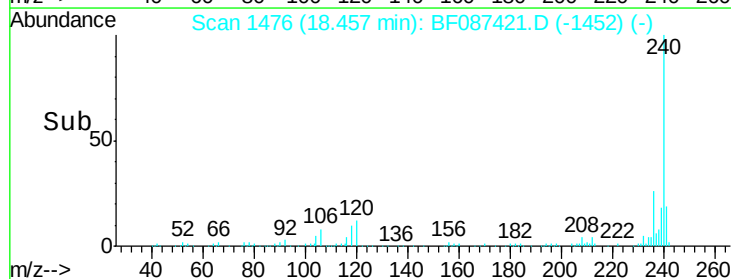
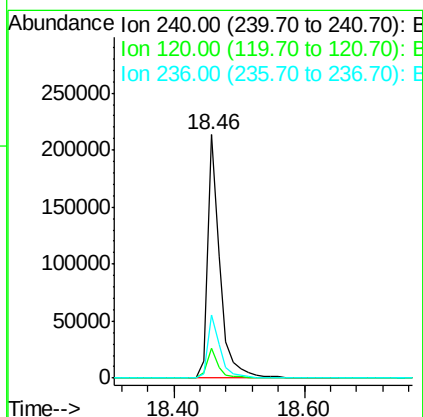
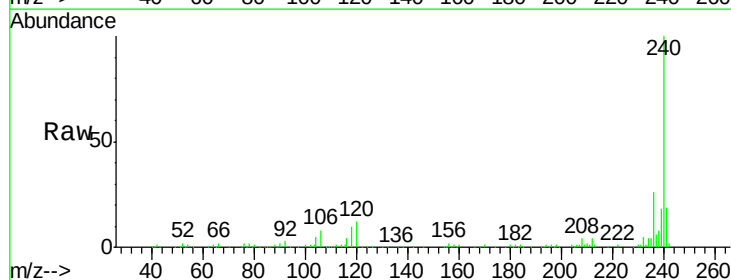
Instrument :
BNA_F
ClientSampleId :
HSR-WC-46-052316

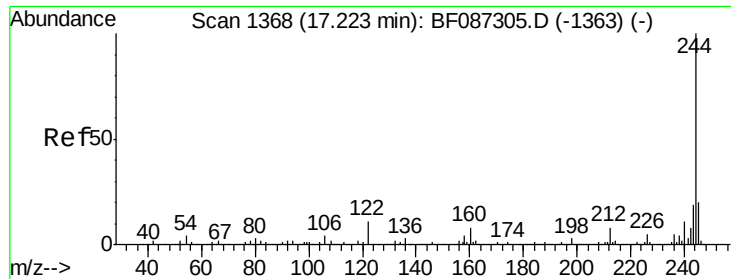
Tot Ion:188 Resp: 402490
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.0 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF087421.D
Acq: 26 May 2016 22:26

Tgt Ion:240 Resp: 277489
Ion Ratio Lower Upper
240 100
120 12.0 11.2 16.8
236 26.0 21.2 31.8





#78

Terphenyl-d14

Concen: 100.69 ng

RT: 17.12 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF087421.D

Acq: 26 May 2016 22:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-46-052316

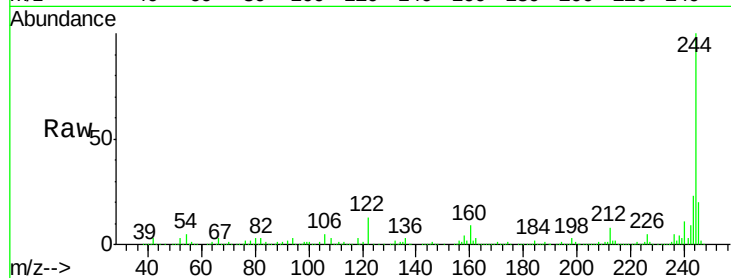
Tot Ion:244 Resp: 1314212

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

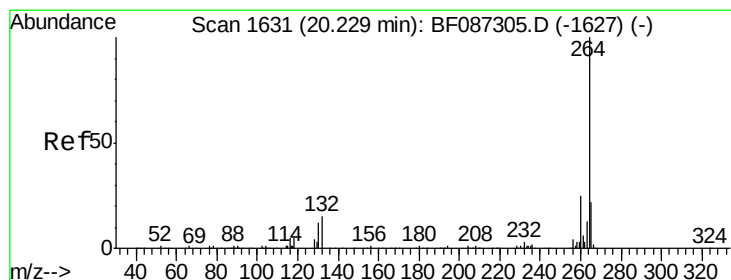
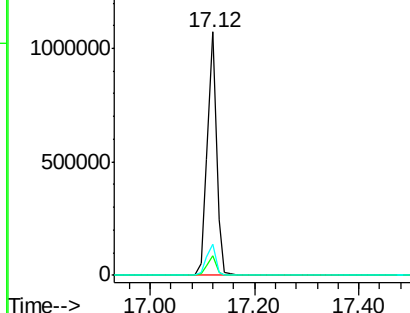
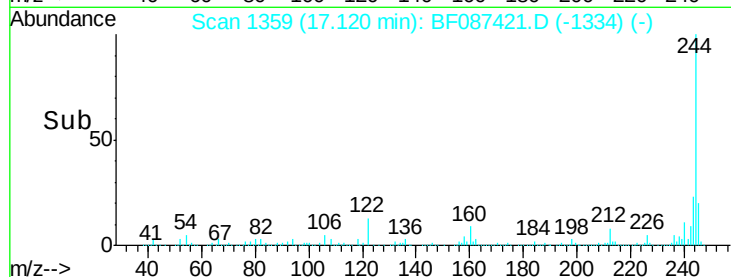
122 13.0 12.0 18.0



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

Perylene-d12

Concen: 20.00 ng

RT: 20.14 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF087421.D

Acq: 26 May 2016 22:26

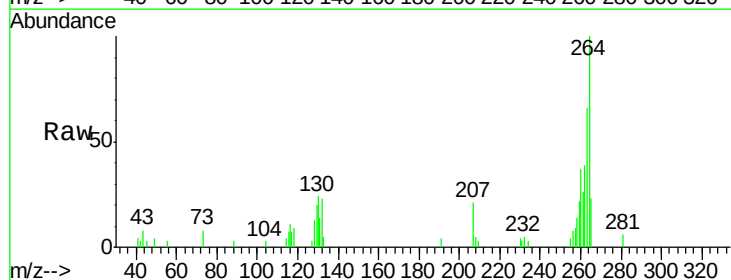
Tgt Ion:264 Resp: 17297

Ion Ratio Lower Upper

264 100

260 36.5 19.5 29.3#

265 22.5 17.3 25.9



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

