

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088281.D
 Acq On : 23 Jun 2016 7:57
 Operator : UM/SJ
 Sample : H3065-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW005-160511

Quant Time: Jun 23 13:13:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	24324	5.00	ng	0.00
21) Naphthalene-d8	7.88	136	99564	5.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	44167	5.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	62775	5.00	ng	0.00
75) Chrysene-d12	13.75	240	56097	5.00	ng	0.00
86) Perylene-d12	15.11	264	43022	5.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	13652	2.40	ng	0.02
7) Phenol-d6	6.28	99	10837	1.57	ng	0.02
23) Nitrobenzene-d5	7.18	82	20886	3.06	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	11686	6.26	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	56930	3.93	ng	0.00
78) Terphenyl-d14	12.70	244	45118	4.58	ng	0.00

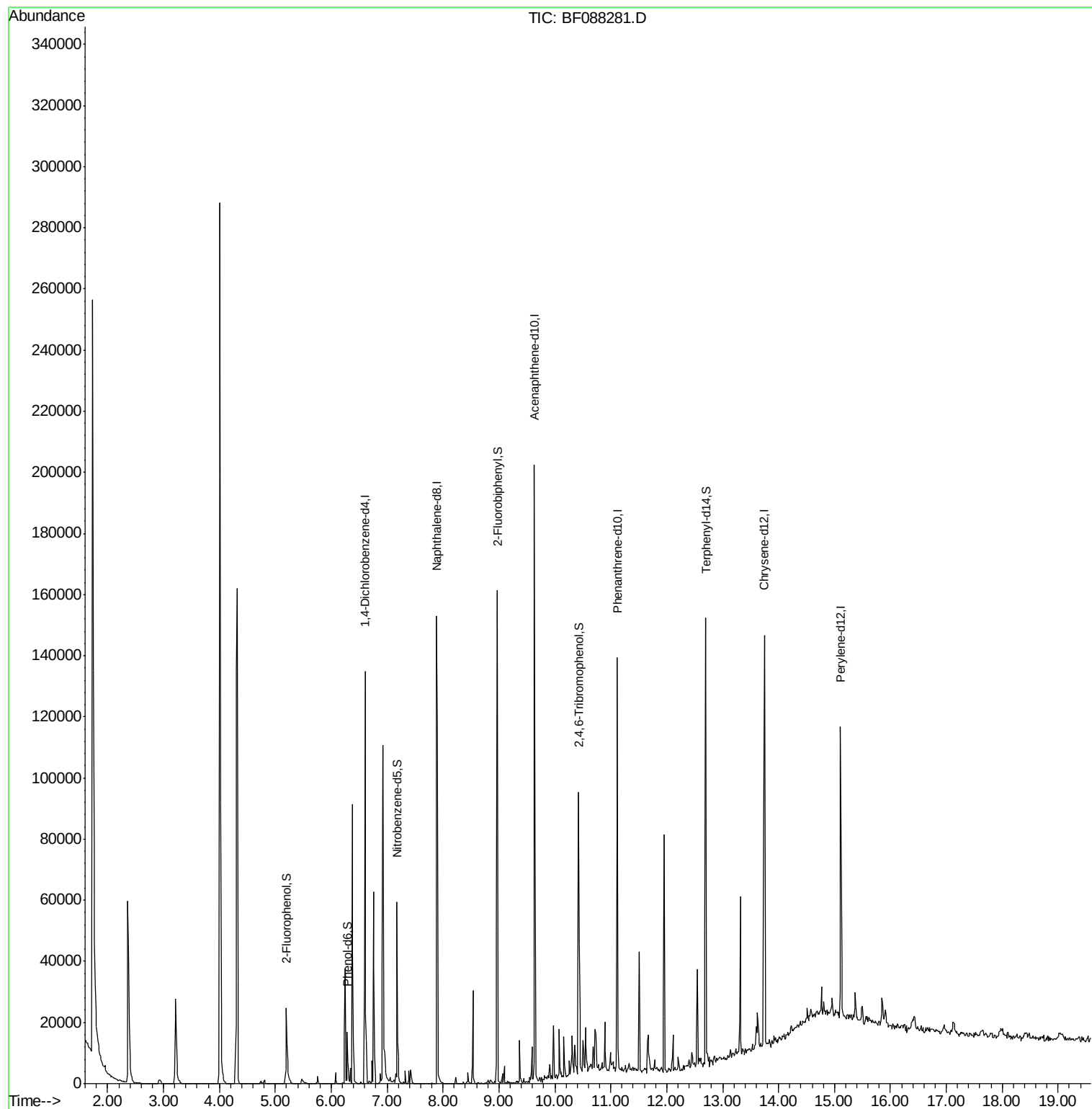
Target Compounds Qvalue

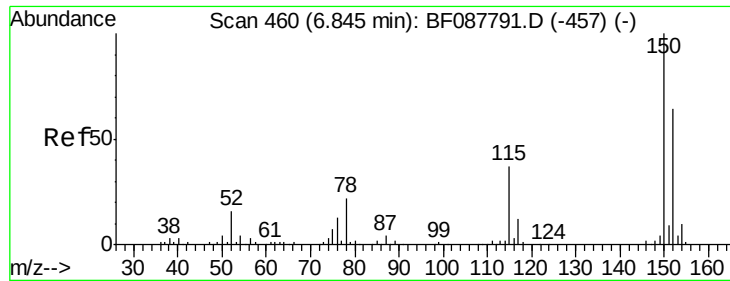
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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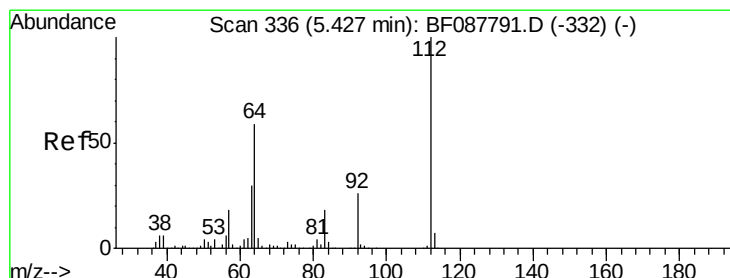
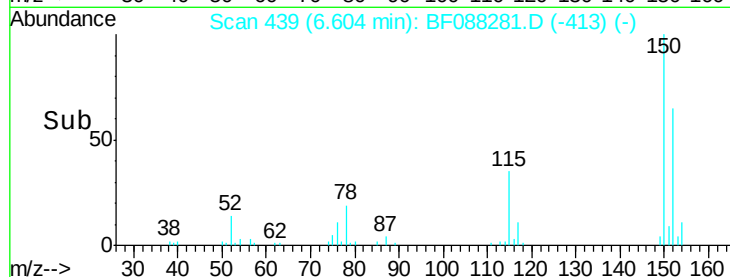
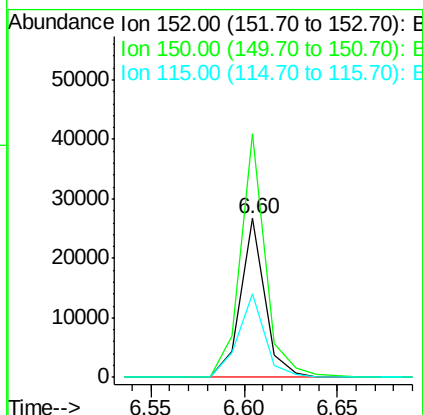
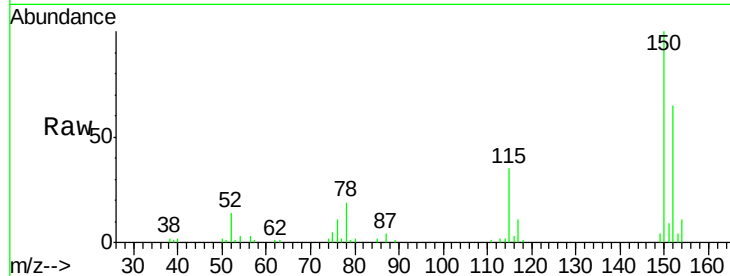


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088281.D
Acq: 23 Jun 2016 7:57

Instrument :
BNA_F
ClientSampleId :
LF017MW005-160511

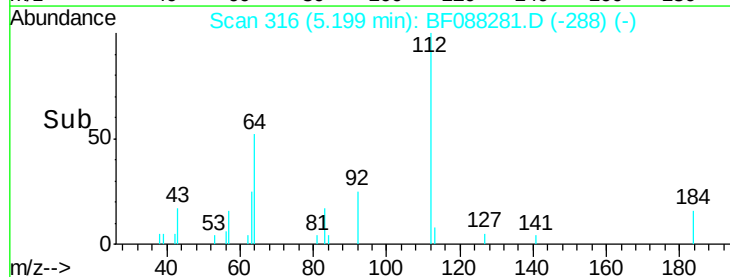
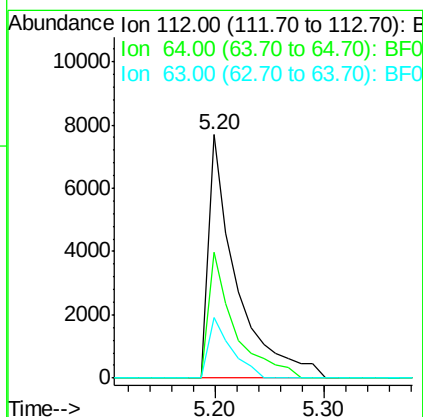
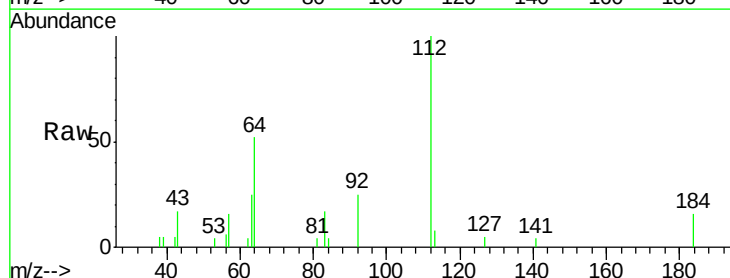
Tot Ion:152 Resp: 24324
Ion Ratio Lower Upper
152 100
150 153.2 123.8 185.6
115 52.8 39.6 59.4

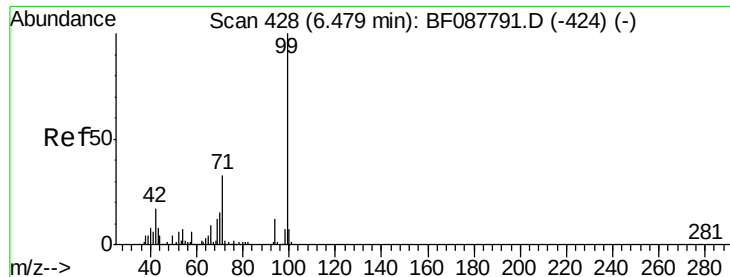


#5

2-Fluorophenol
Concen: 2.40 ng
RT: 5.20 min Scan# 316
Delta R.T. 0.02 min
Lab File: BF088281.D
Acq: 23 Jun 2016 7:57

Tgt Ion:112 Resp: 13652
Ion Ratio Lower Upper
112 100
64 51.9 42.2 63.2
63 25.1 21.8 32.8





#7

Phenol-d6

Concen: 1.57 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.02 min

Lab File: BF088281.D

Acq: 23 Jun 2016 7:57

Instrument :

BNA_F

ClientSampleId :

LF017MW005-160511

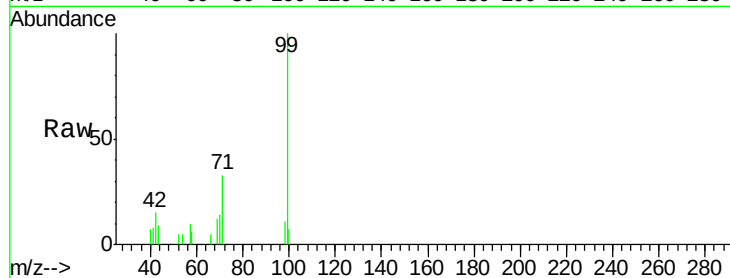
Tot Ion: 99 Resp: 10837

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

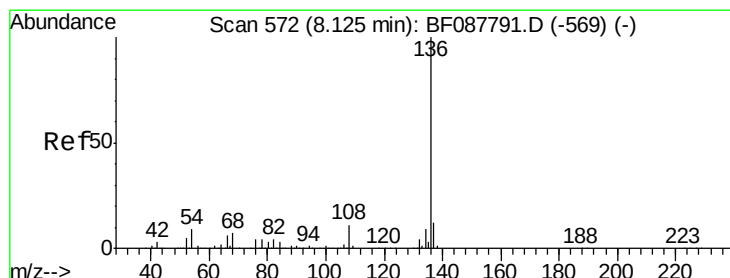
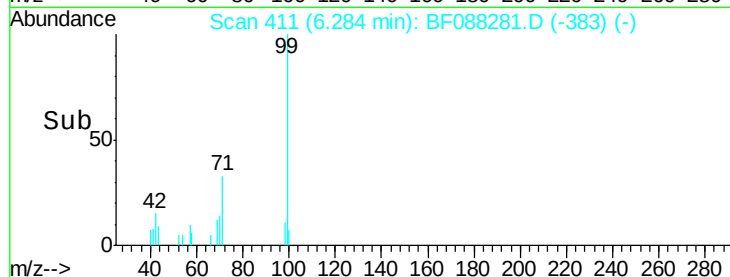
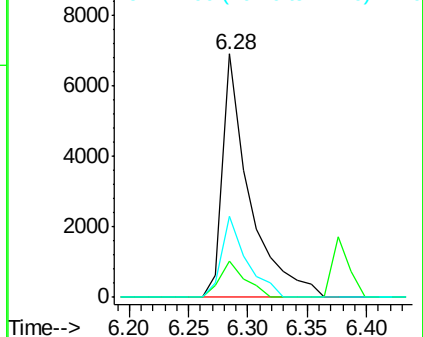
71 33.2 23.4 35.0



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: 5.00 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF088281.D

Acq: 23 Jun 2016 7:57

Tgt Ion: 136 Resp: 99564

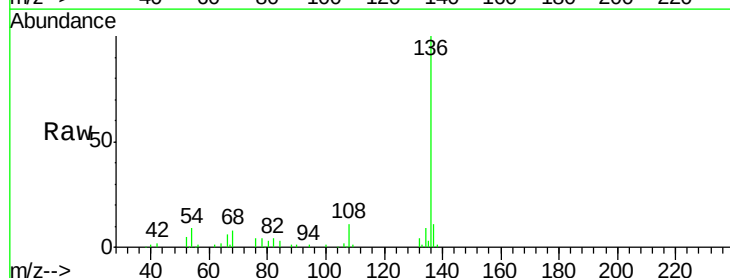
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.9 6.6 10.0

68 7.5 5.1 7.7

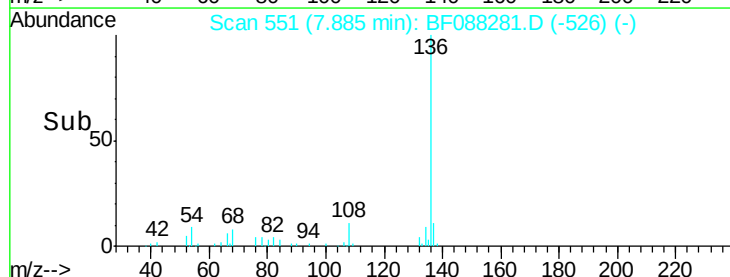
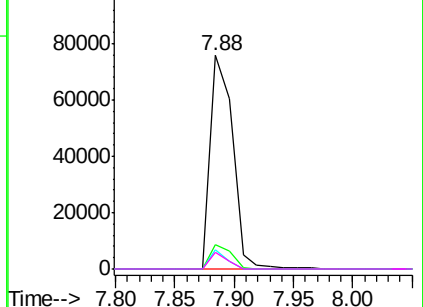


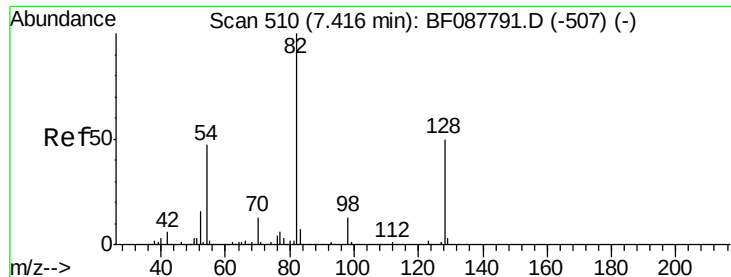
Abundance Ion 136.00 (135.70 to 136.70): E

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

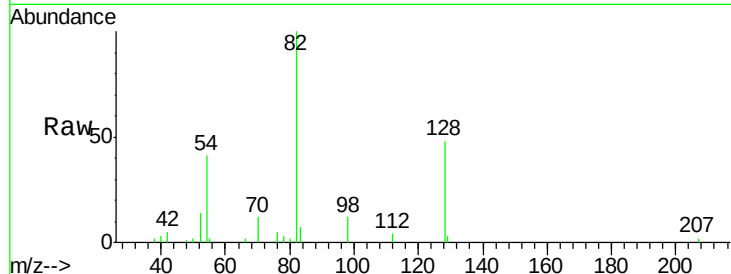




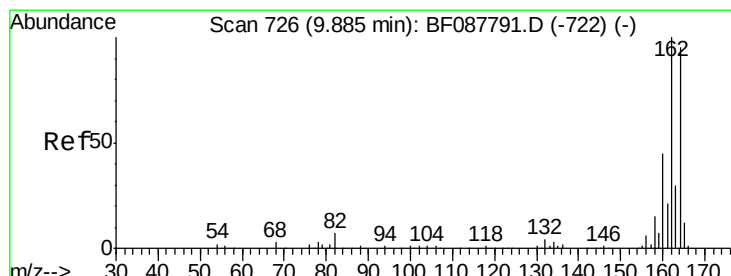
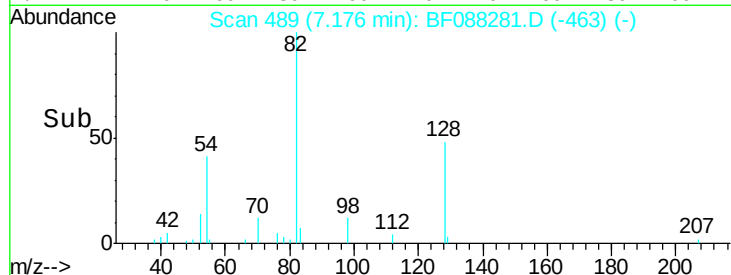
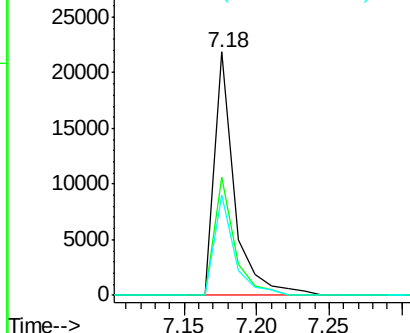
#23
 Nitrobenzene-d5
 Concen: 3.06 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF088281.D
 Acq: 23 Jun 2016 7:57

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW005-160511

Tot Ion	82	Resp	20886
Ion Ratio	Lower	Upper	
82	100		
128	48.4	35.9	53.9
54	41.2	40.9	61.3

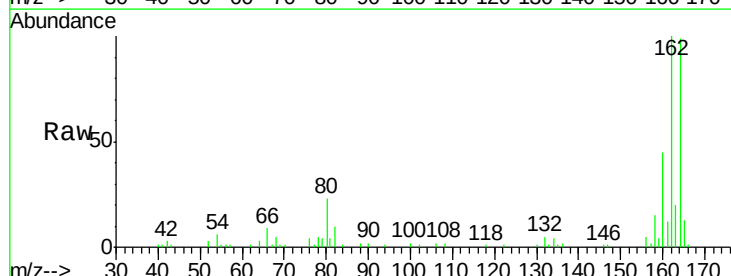


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

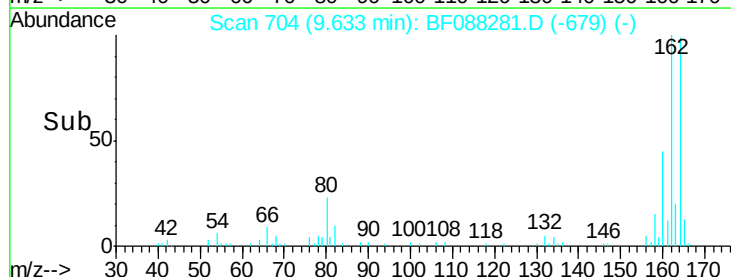
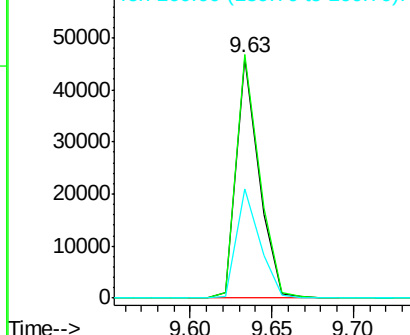


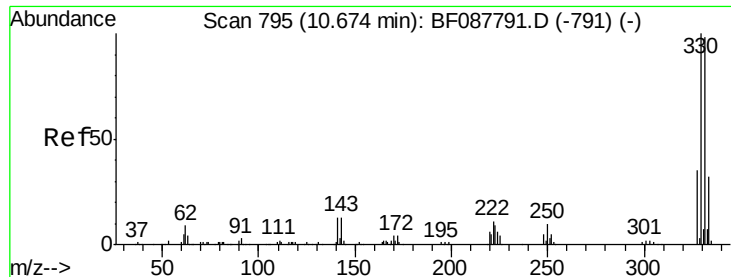
#38
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088281.D
 Acq: 23 Jun 2016 7:57

Tgt Ion	164	Resp	44167
Ion Ratio	Lower	Upper	
164	100		
162	101.5	85.4	128.2
160	45.4	39.5	59.3



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

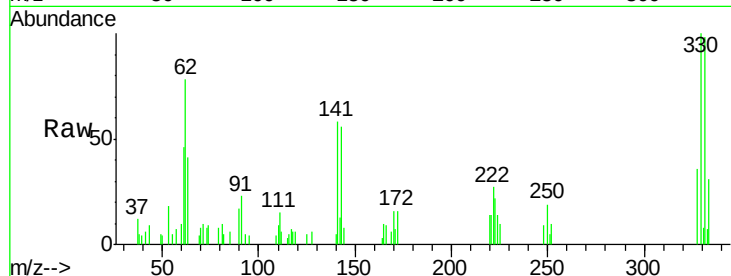




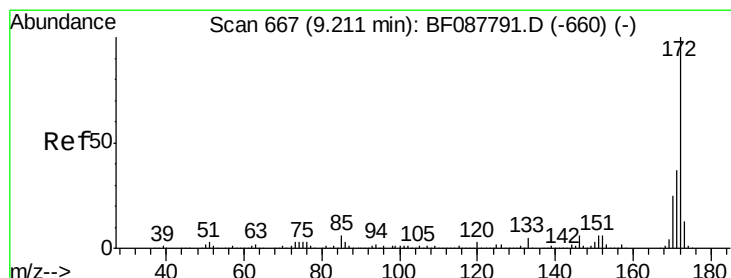
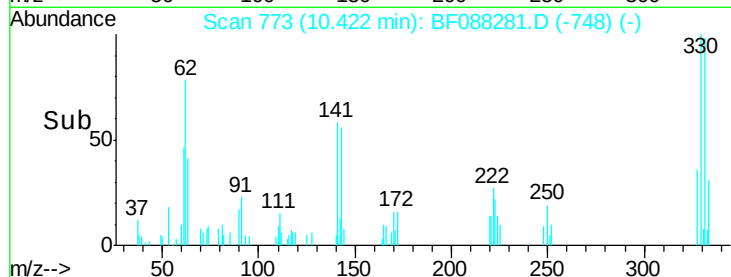
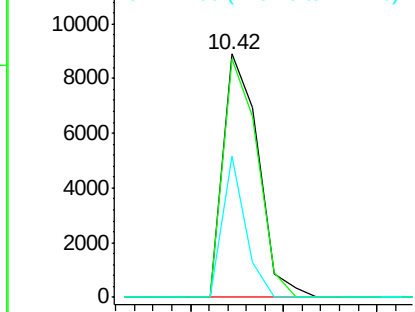
#41
 2,4,6-Tribromophenol
 Concen: 6.26 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088281.D
 Acq: 23 Jun 2016 7:57

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW005-160511

Tot Ion:330 Resp: 11686
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 37.9 0.0 0.0#

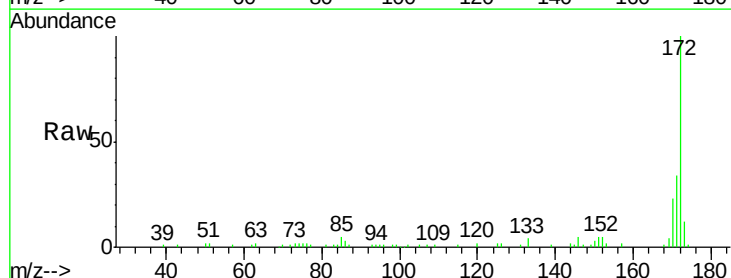


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

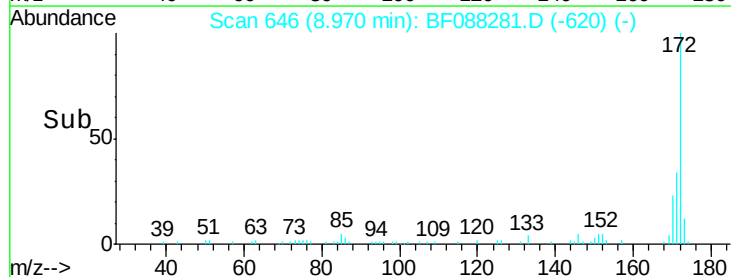
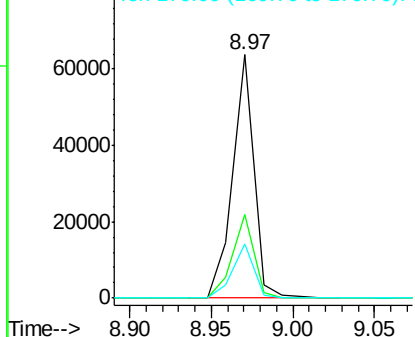


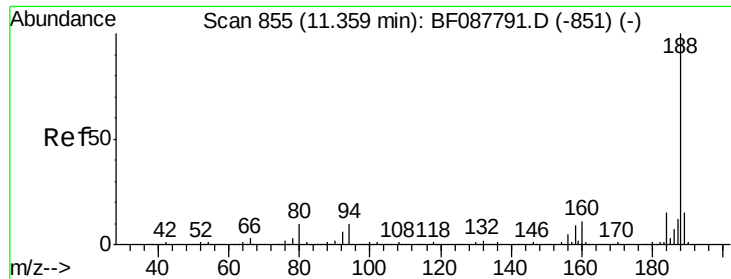
#44
 2-Fluorobiphenyl
 Concen: 3.93 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF088281.D
 Acq: 23 Jun 2016 7:57

Tgt Ion:172 Resp: 56930
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.6 43.0
 170 22.5 19.2 28.8



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

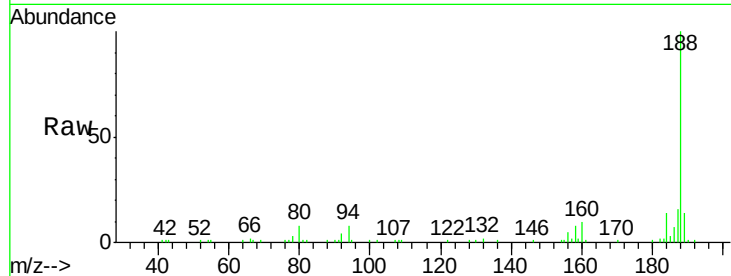




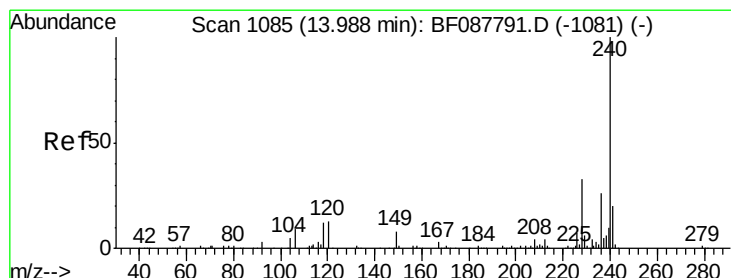
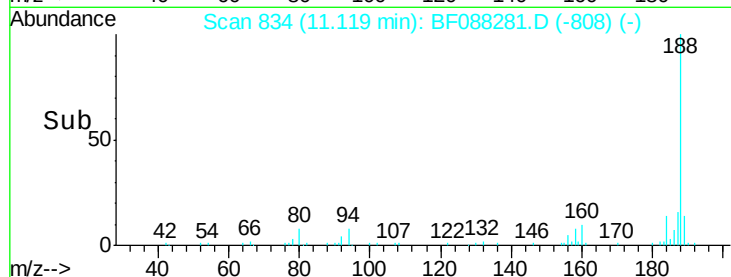
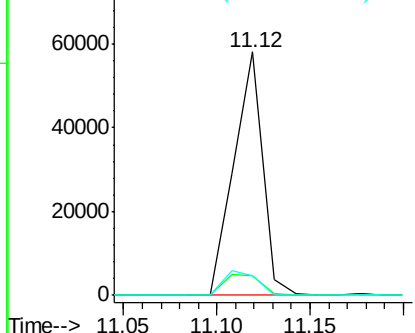
#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF088281.D
Acq: 23 Jun 2016 7:57

Instrument :
BNA_F
ClientSampleId :
LF017MW005-160511

Tot Ion:188 Resp: 62775
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.6#
80 7.8 10.0 15.0#

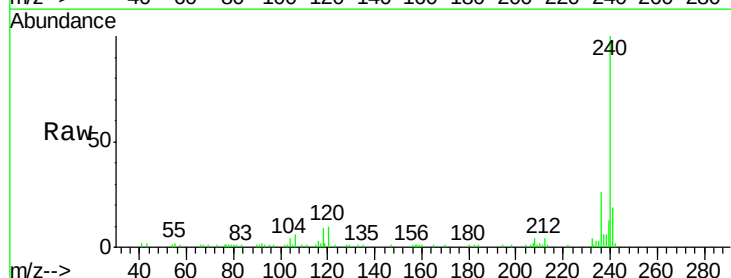


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

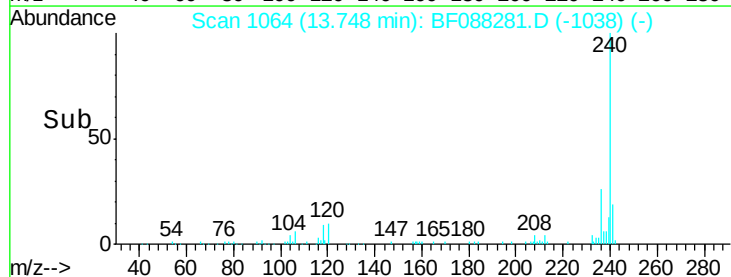
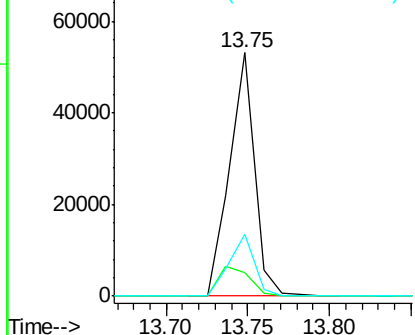


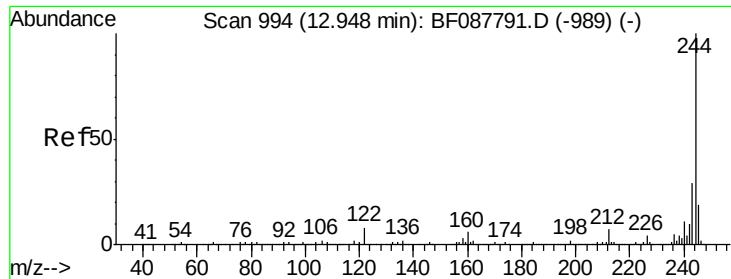
#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088281.D
Acq: 23 Jun 2016 7:57

Tgt Ion:240 Resp: 56097
Ion Ratio Lower Upper
240 100
120 9.7 6.8 10.2
236 25.5 20.2 30.2



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

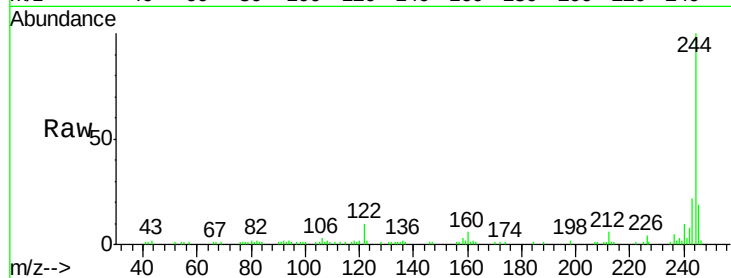




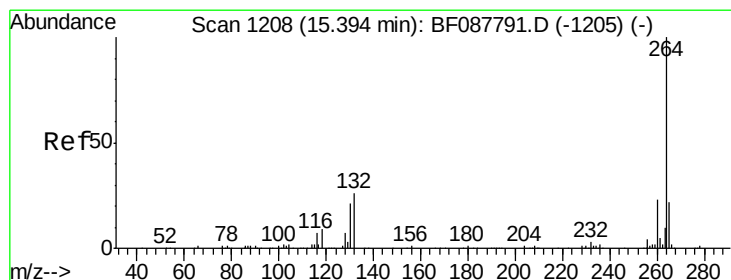
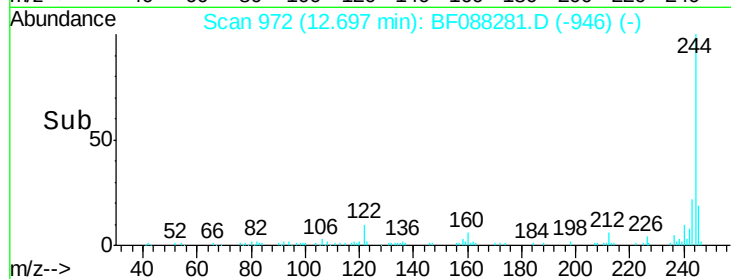
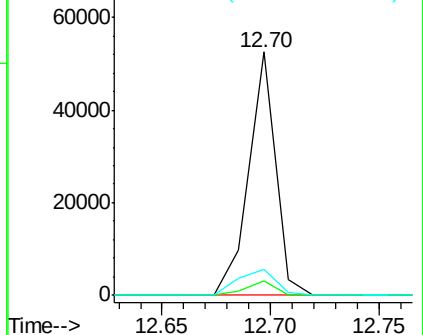
#78
 Terphenyl-d14
 Concen: 4.58 ng
 RT: 12.70 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF088281.D
 Acq: 23 Jun 2016 7:57

Instrument :
 BNA_F
 ClientSampleId :
 LF017MW005-160511

Tot Ion:244 Resp: 45118
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.0 9.0
 122 10.5 11.2 16.8#

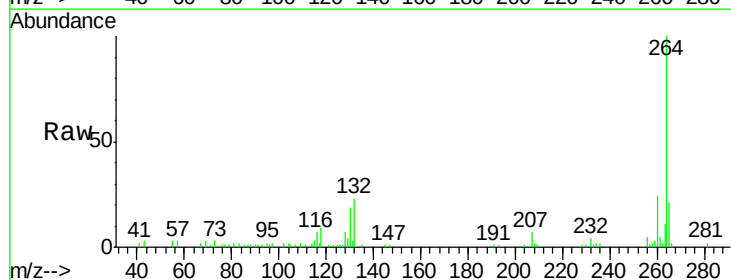


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 5.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF088281.D
 Acq: 23 Jun 2016 7:57

Tgt Ion:264 Resp: 43022
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.2 16.9 25.3



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

