

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086870.D
 Acq On : 10 May 2016 20:10
 Operator : UM/SJ
 Sample : H2945-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616

Quant Time: May 11 05:21:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	148132	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	550221	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	231798	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	352085	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	308423	20.00	ng	-0.01
86) Perylene-d12	15.20	264	259913	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1121692	128.24	ng	0.01
7) Phenol-d6	6.35	99	1285609	109.97	ng	-0.01
23) Nitrobenzene-d5	7.25	82	989760	90.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	280882	114.46	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1396207	101.23	ng	-0.01
78) Terphenyl-d14	12.79	244	1159675	79.78	ng	-0.01

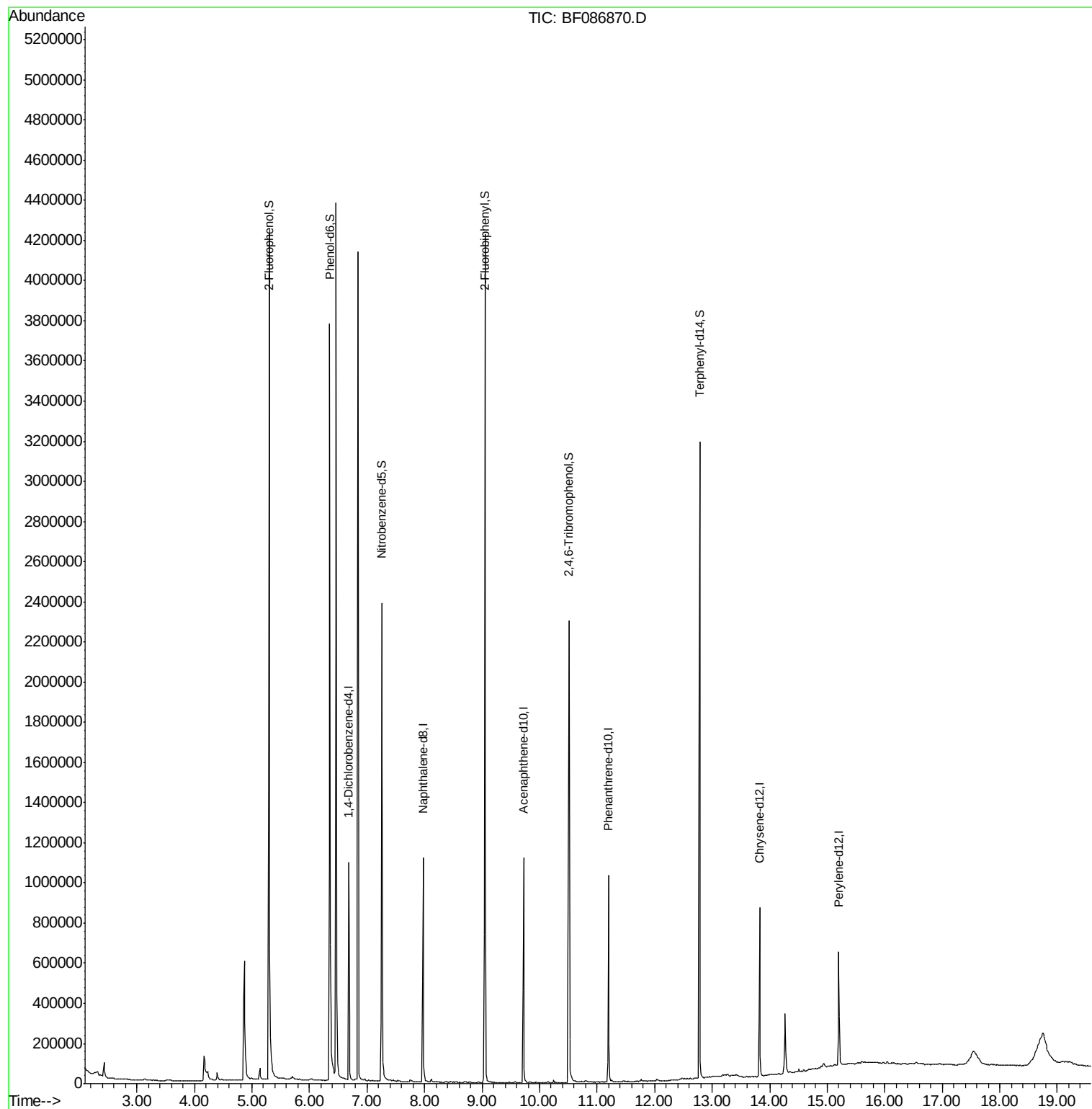
Target Compounds Qvalue

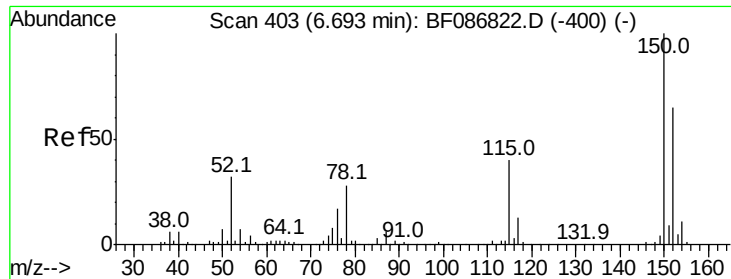
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

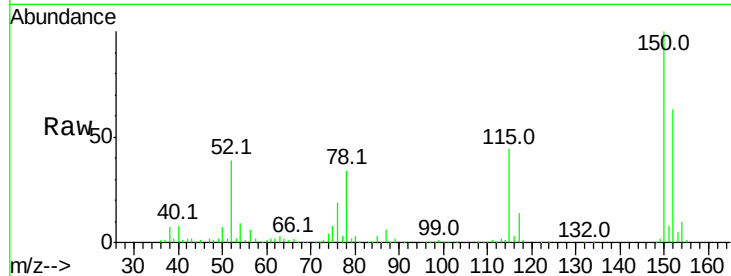
Tot Ion:152 Resp: 148132

Ion Ratio Lower Upper

152 100

150 160.0 125.8 188.6

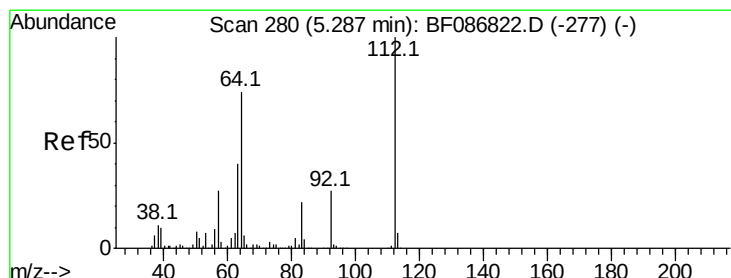
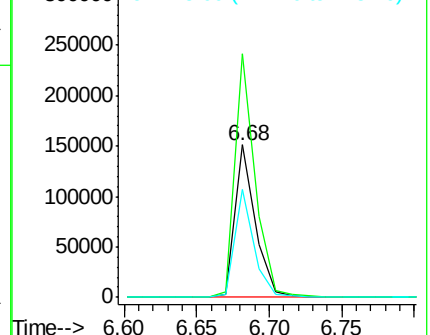
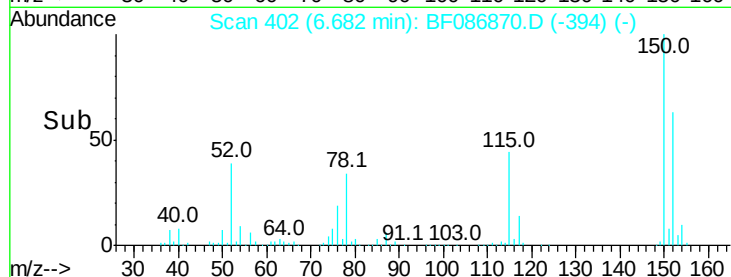
115 70.8 51.5 77.3



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: 128.24 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

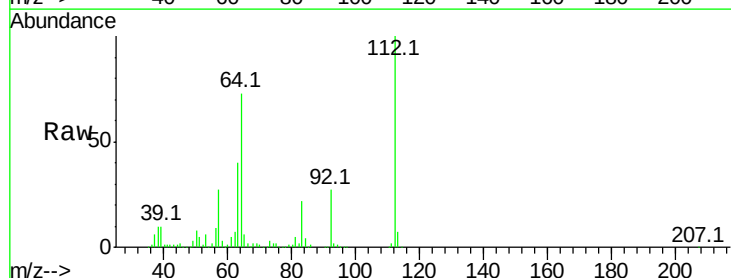
Tgt Ion:112 Resp: 1121692

Ion Ratio Lower Upper

112 100

64 73.3 52.1 78.1

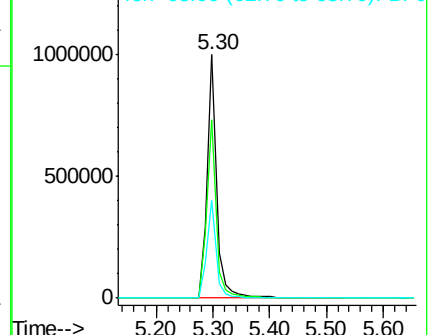
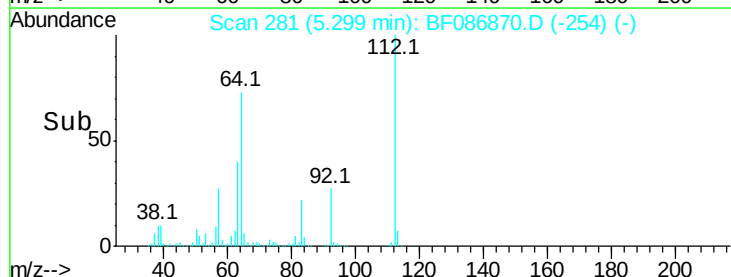
63 40.2 25.7 38.5#

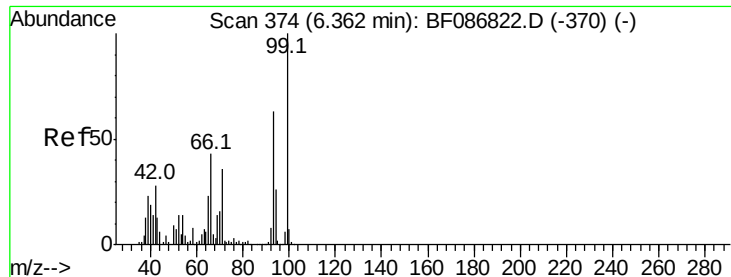


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.97 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

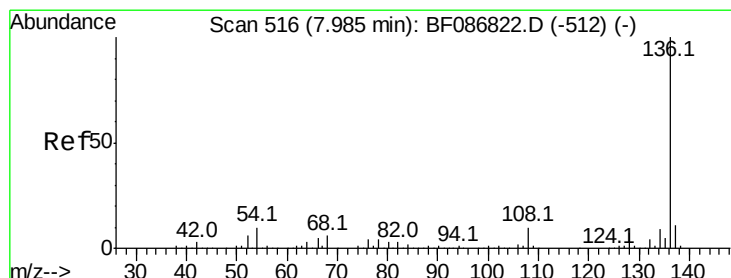
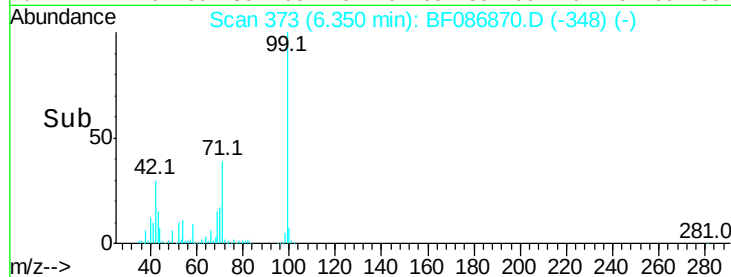
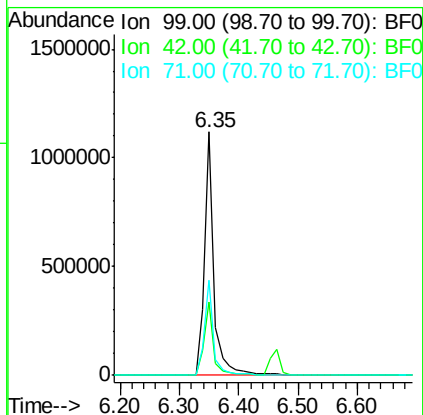
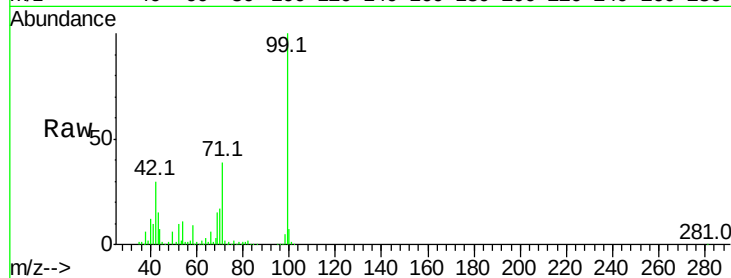
Tot Ion: 99 Resp: 1285609

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

71 39.3 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

Tgt Ion: 136 Resp: 550221

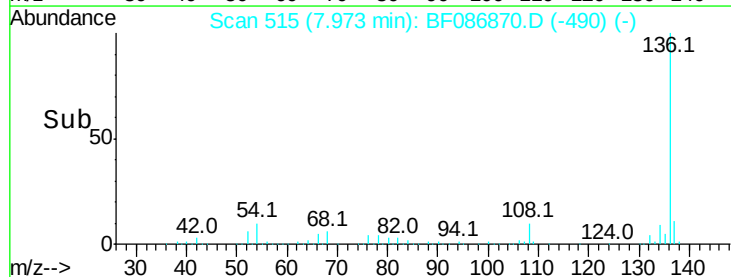
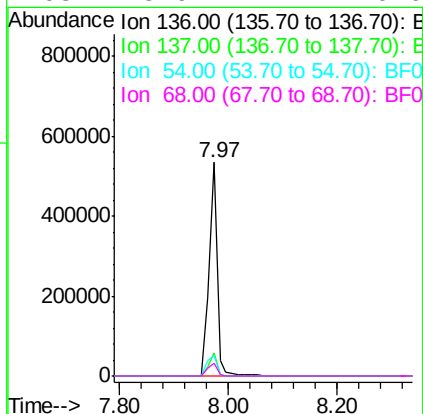
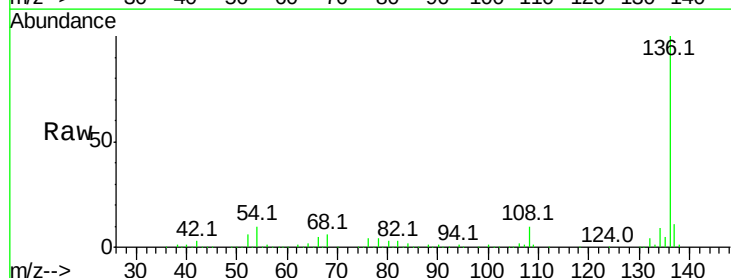
Ion Ratio Lower Upper

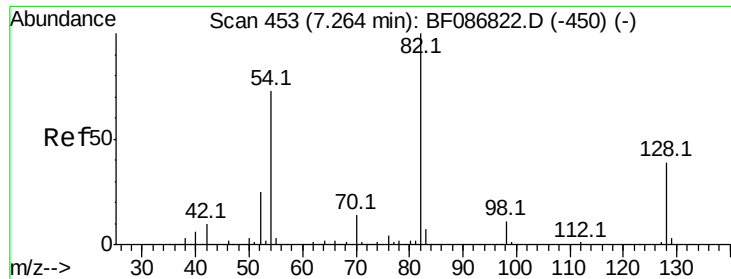
136 100

137 10.8 8.8 13.2

54 9.9 5.0 7.4#

68 5.9 4.4 6.6

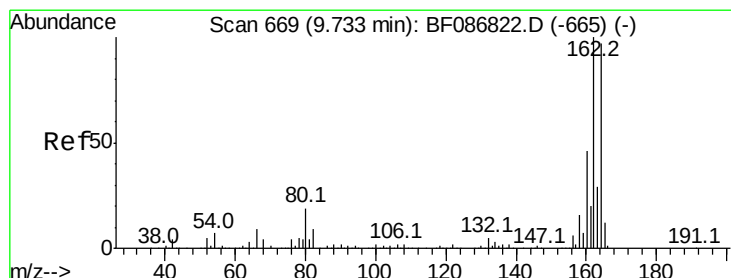
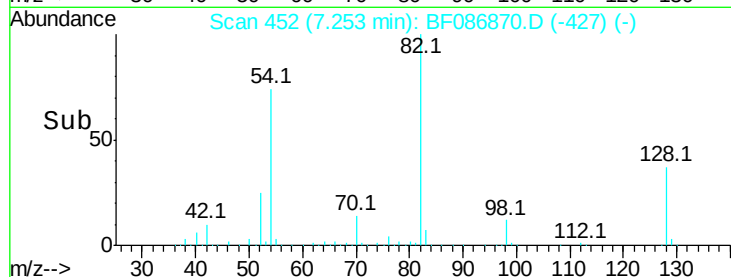
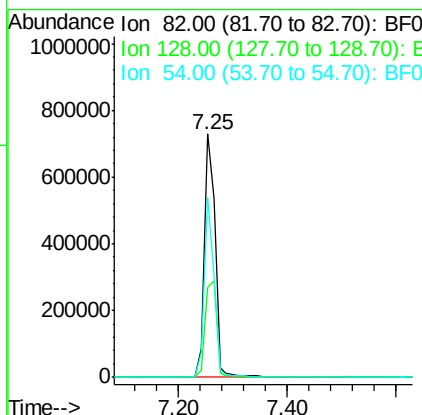
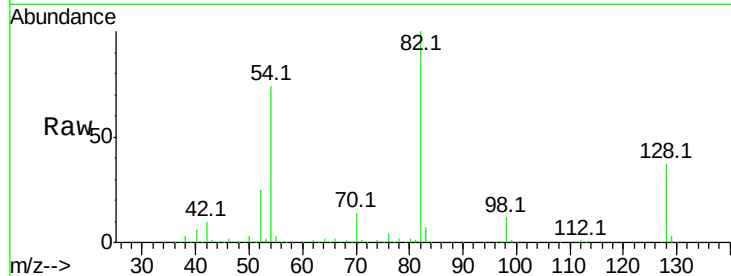




#23
 Nitrobenzene-d5
 Concen: 90.32 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF086870.D
 Acq: 10 May 2016 20:10

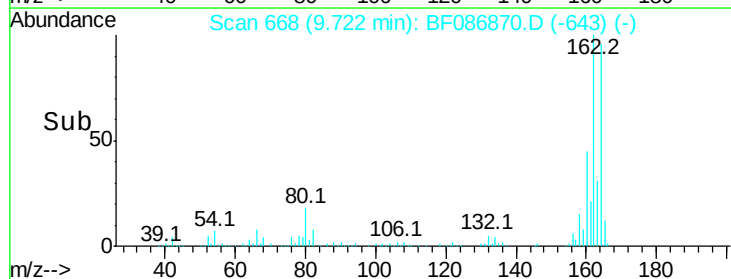
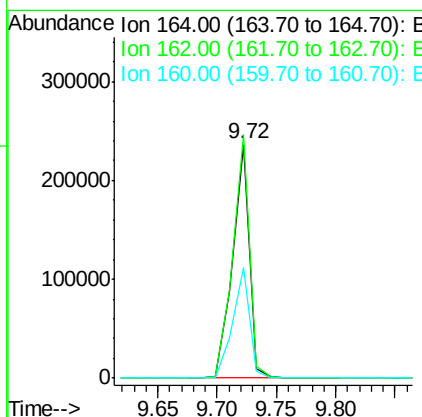
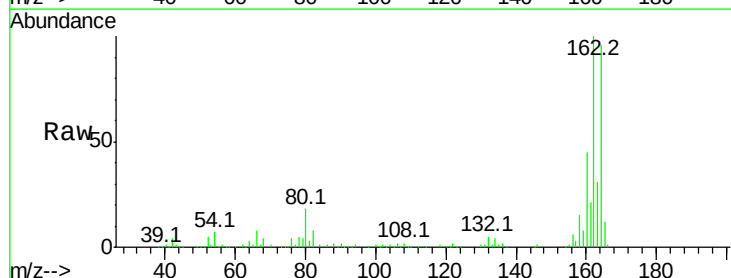
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616

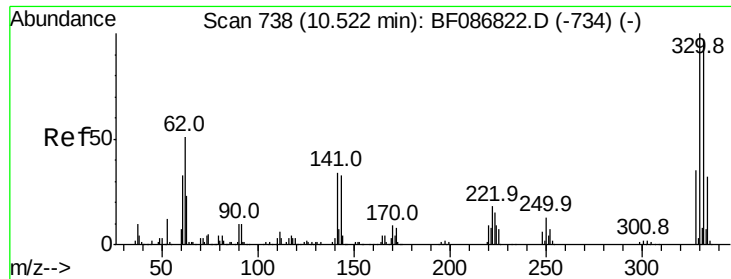
Tot Ion: 82 Resp: 989760
 Ion Ratio Lower Upper
 82 100
 128 36.7 40.6 61.0#
 54 73.9 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF086870.D
 Acq: 10 May 2016 20:10

Tgt Ion: 164 Resp: 231798
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.8 124.2
 160 47.4 36.9 55.3

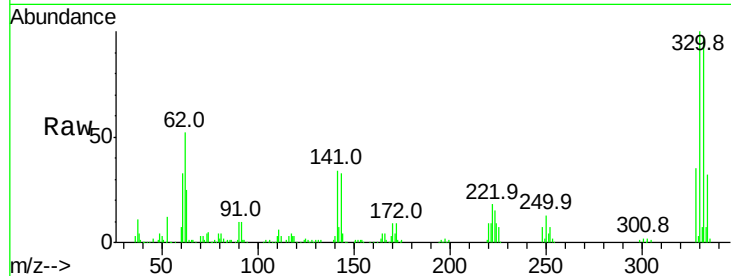




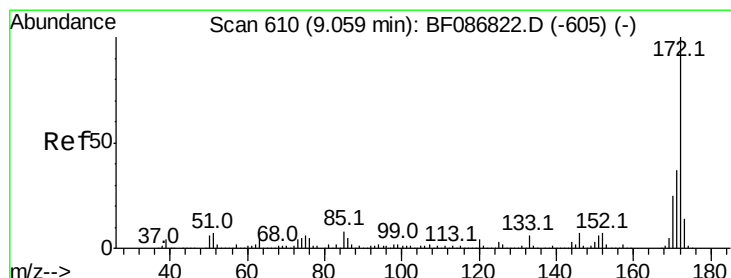
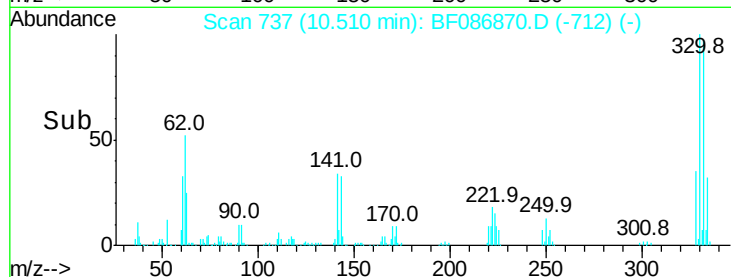
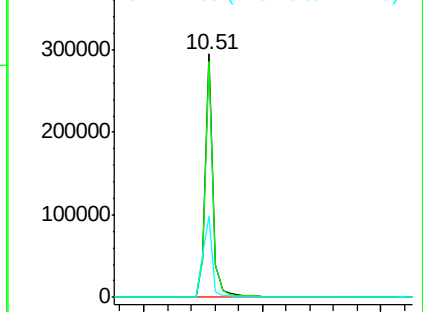
#41
 2,4,6-Tribromophenol
 Concen: 114.46 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086870.D
 Acq: 10 May 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-43-050616

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	40.4	31.2	46.8

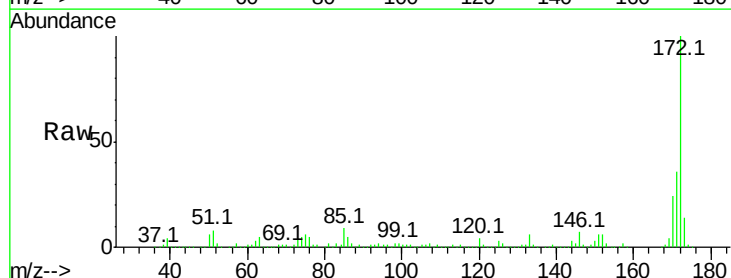


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

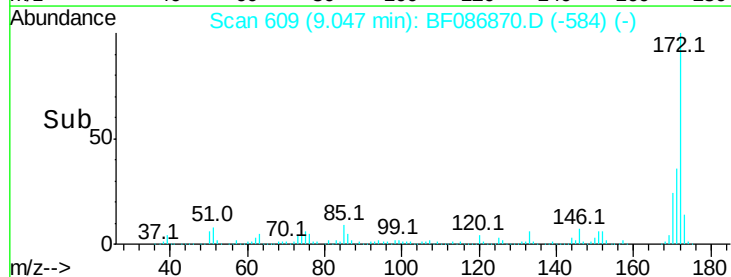
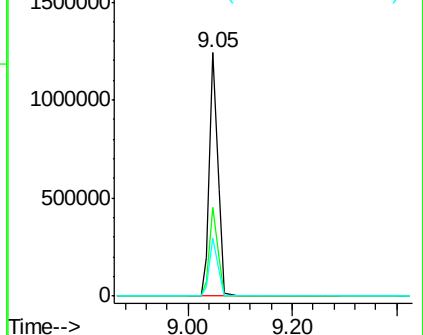


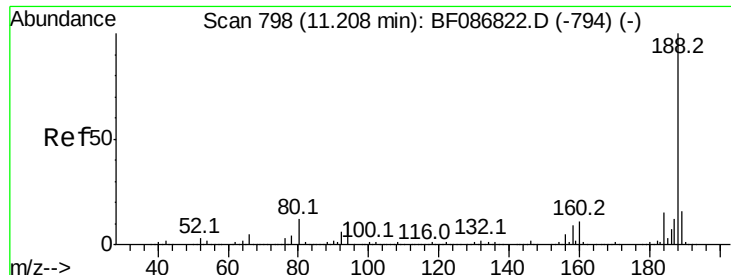
#44
 2-Fluorobiphenyl
 Concen: 101.23 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086870.D
 Acq: 10 May 2016 20:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.1	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

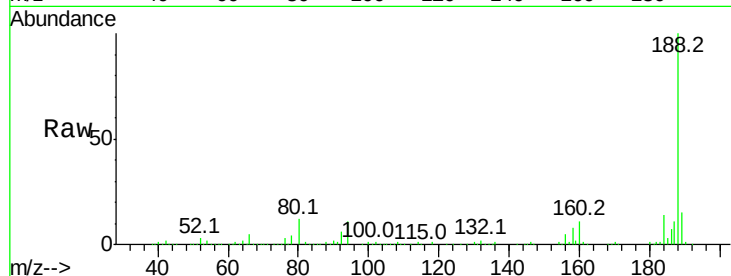




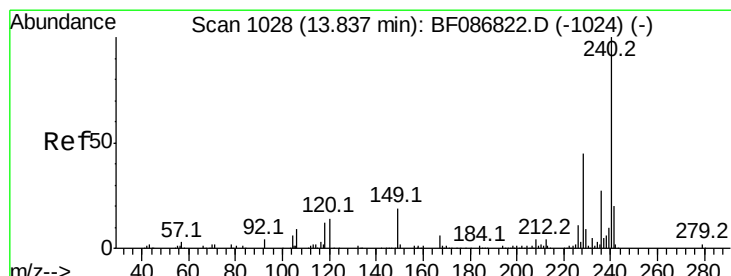
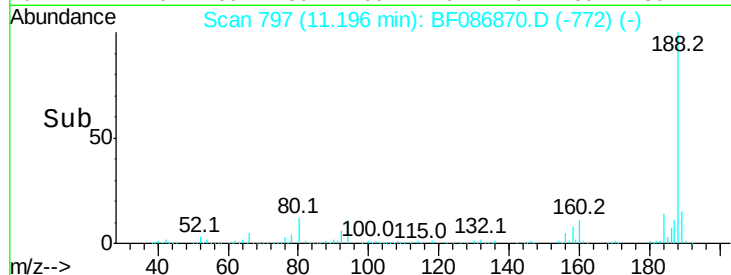
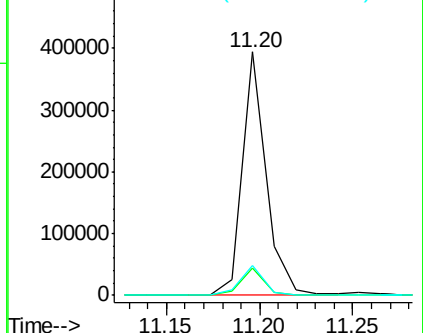
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086870.D
Acq: 10 May 2016 20:10

Instrument :
BNA_F
ClientSampleId :
HSR-WC-43-050616

Tot Ion:188 Resp: 352085
Ion Ratio Lower Upper
188 100
94 11.1 6.8 10.2#
80 12.0 7.1 10.7#

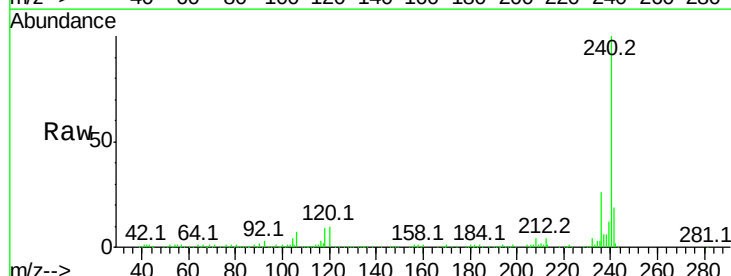


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

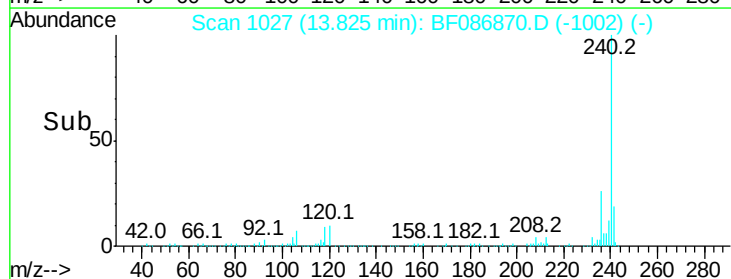
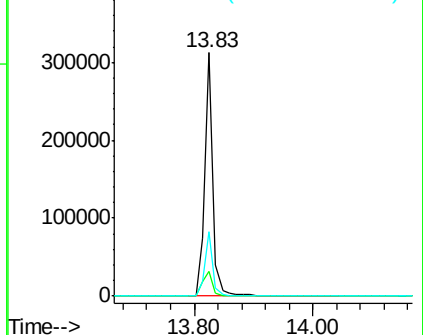


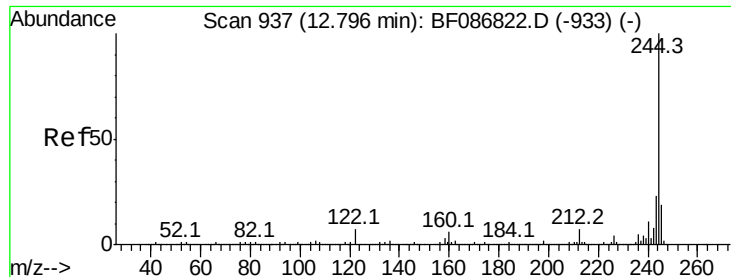
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF086870.D
Acq: 10 May 2016 20:10

Tgt Ion:240 Resp: 308423
Ion Ratio Lower Upper
240 100
120 10.3 11.2 16.8#
236 26.3 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: 79.78 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

Instrument :

BNA_F

ClientSampleId :

HSR-WC-43-050616

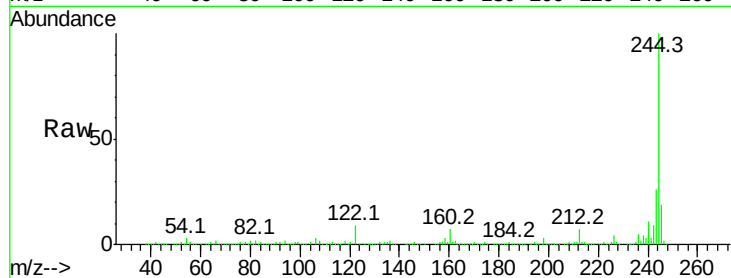
Tot Ion:244 Resp: 1159675

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

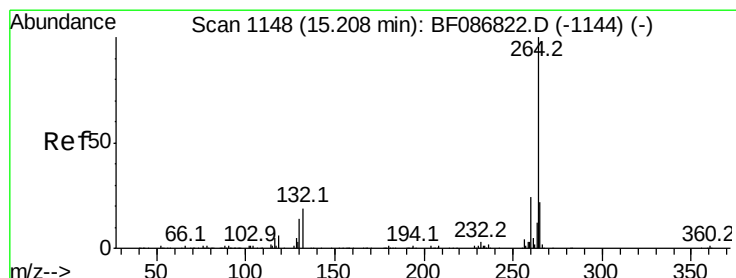
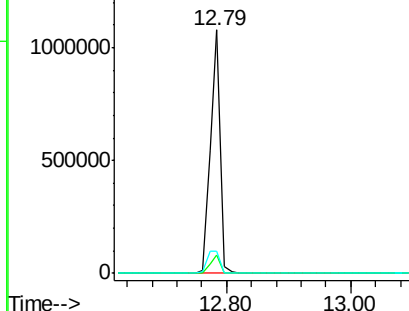
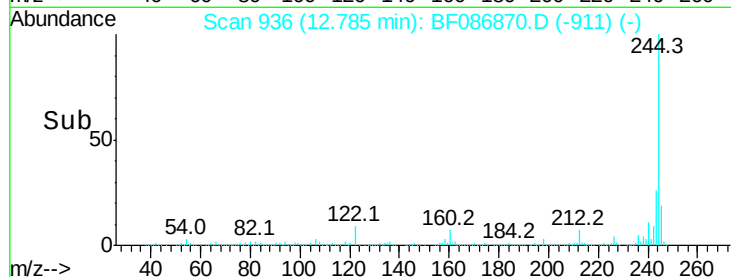
122 9.2 12.0 18.0#



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: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF086870.D

Acq: 10 May 2016 20:10

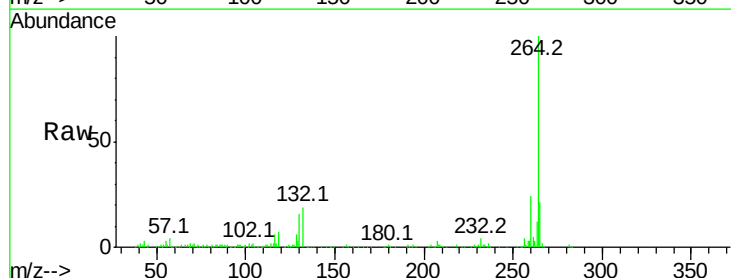
Tgt Ion:264 Resp: 259913

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.0 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

