

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051616\
 Data File : BF087091.D
 Acq On : 16 May 2016 19:53
 Operator : UM/SJ
 Sample : H3074-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216

Quant Time: May 17 13:30:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:12:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	151353	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	583771	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	246472	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	383748	20.00	ng	0.00
75) Chrysene-d12	13.75	240	302350	20.00	ng	-0.01
86) Perylene-d12	15.11	264	231348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1149039	128.57	ng	0.02
7) Phenol-d6	6.28	99	1478918	123.82	ng	0.00
23) Nitrobenzene-d5	7.19	82	1053768	90.64	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	276894	106.12	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	1526812	104.11	ng	-0.01
78) Terphenyl-d14	12.71	244	1041710	73.10	ng	0.00

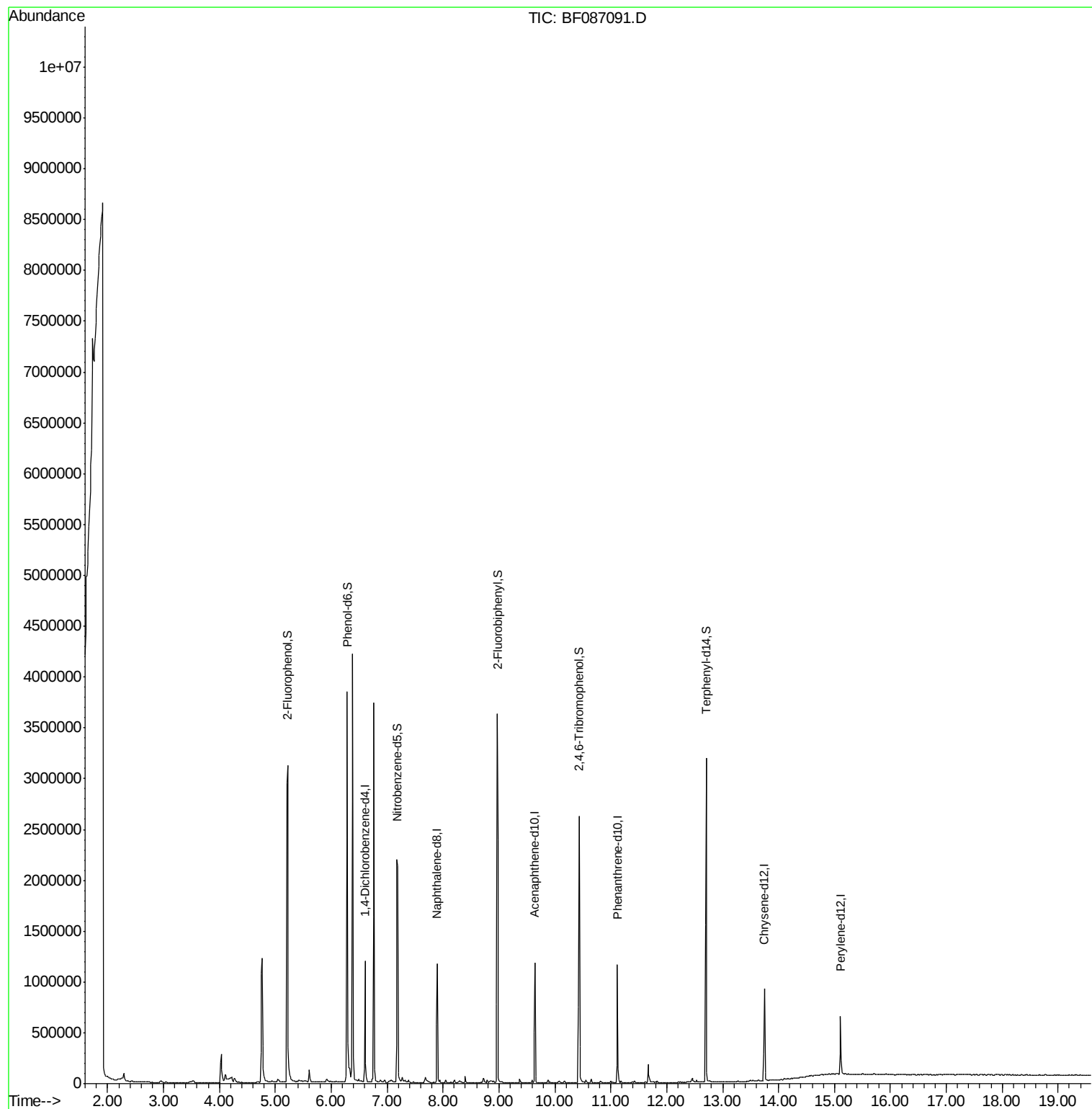
Target Compounds Qvalue

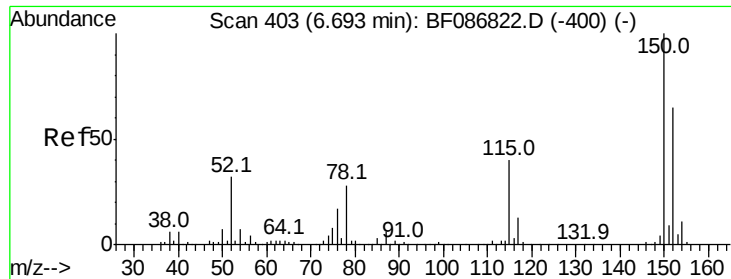
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 17 01:12:04 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF087091.D

Acq: 16 May 2016 19:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216

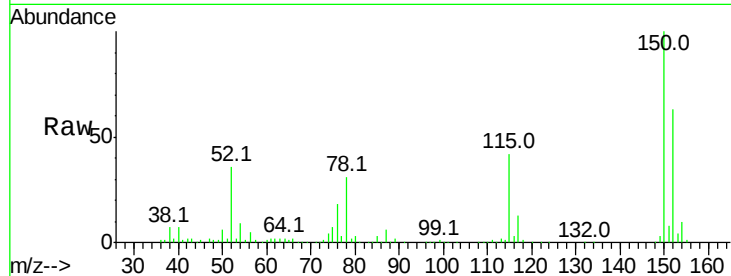
Tot Ion:152 Resp: 151353

Ion Ratio Lower Upper

152 100

150 157.6 125.8 188.6

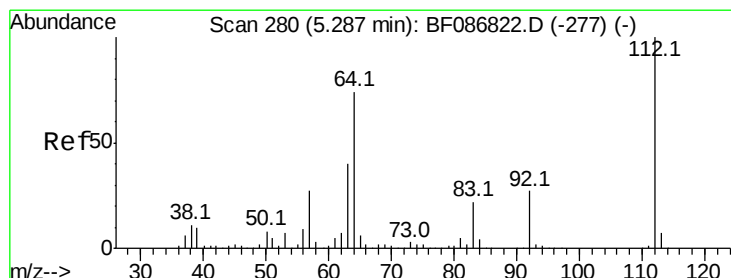
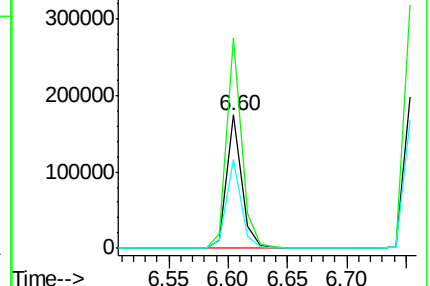
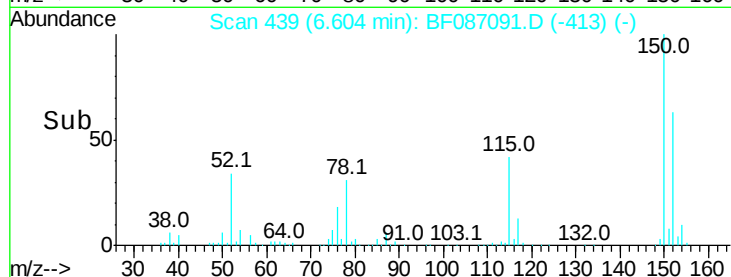
115 66.7 51.5 77.3



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: 128.57 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.02 min

Lab File: BF087091.D

Acq: 16 May 2016 19:53

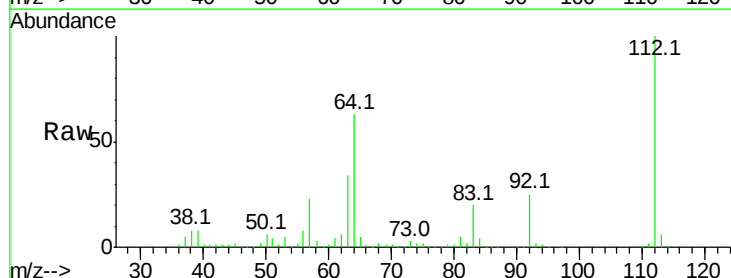
Tgt Ion:112 Resp: 1149039

Ion Ratio Lower Upper

112 100

64 63.4 52.1 78.1

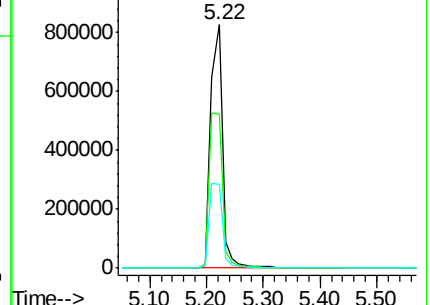
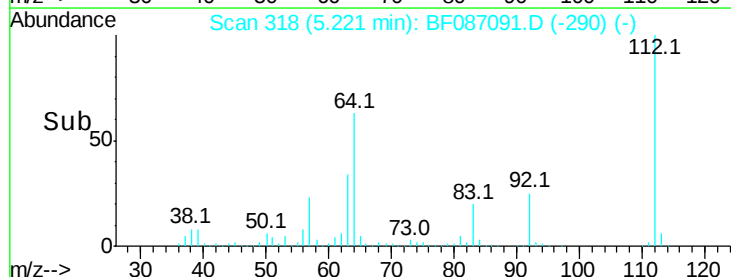
63 34.3 25.7 38.5

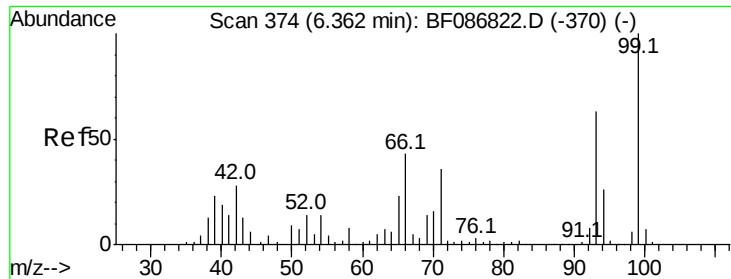


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.82 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087091.D

Acq: 16 May 2016 19:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216

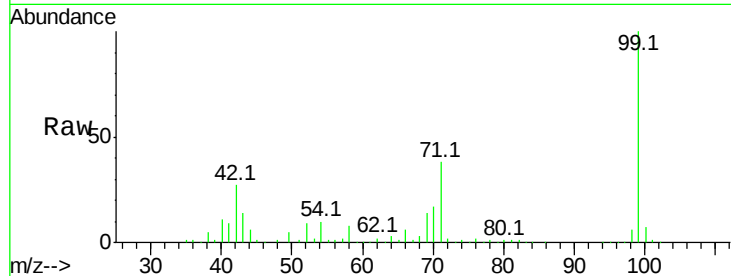
Tot Ion: 99 Resp: 1478918

Ion Ratio Lower Upper

99 100

42 26.9 13.6 20.4#

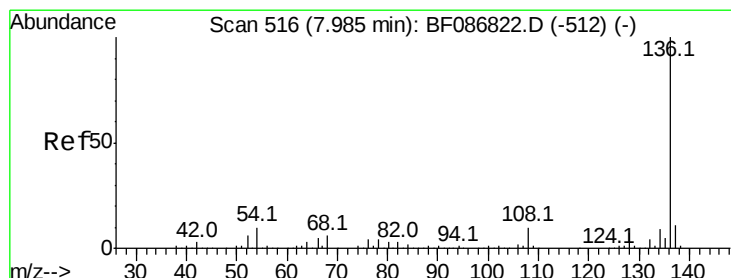
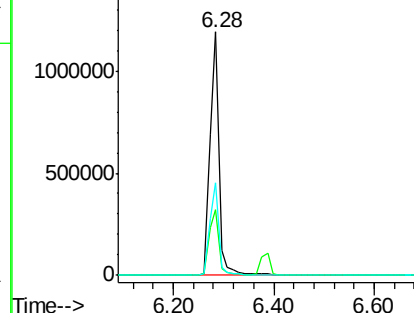
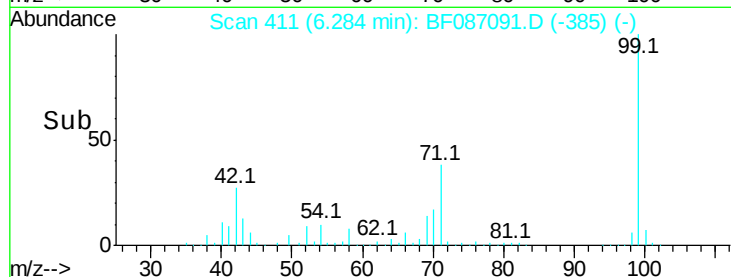
71 37.8 24.6 36.8#



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: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF087091.D

Acq: 16 May 2016 19:53

Tgt Ion:136 Resp: 583771

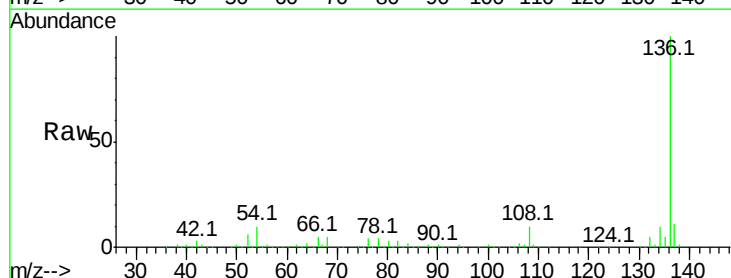
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.9 5.0 7.4#

68 5.5 4.4 6.6

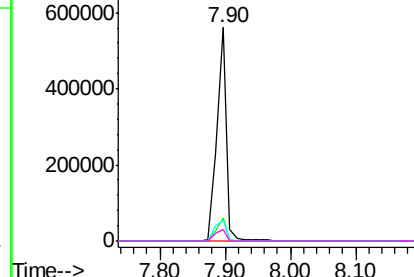
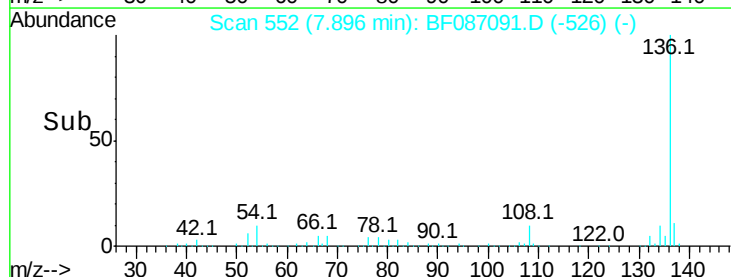


Abundance Ion 136.00 (135.70 to 136.70): E

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



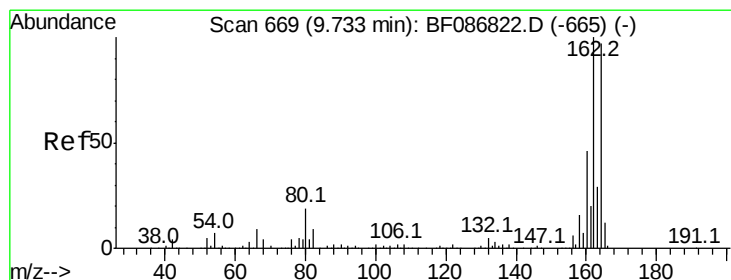
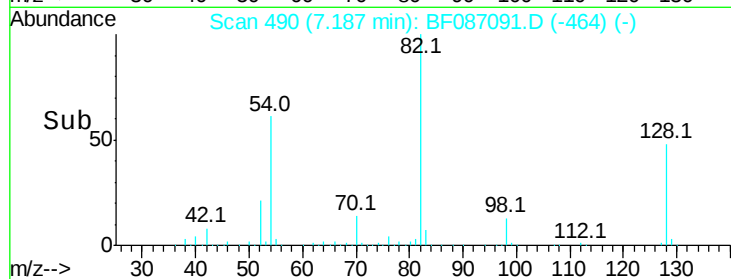
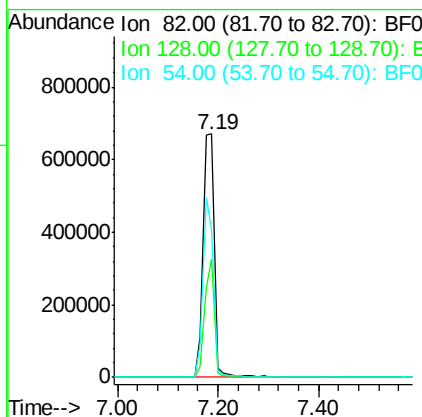
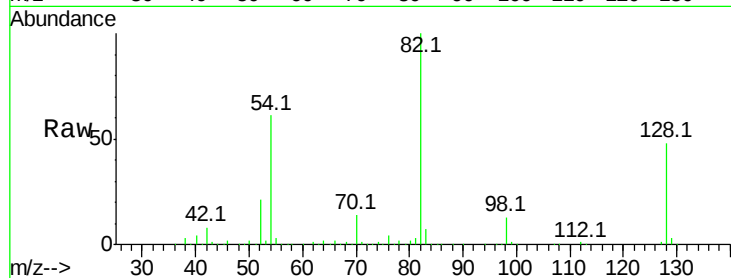


#23
 Nitrobenzene-d5
 Concen: 90.64 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF087091.D
 Acq: 16 May 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216

Tot Ion: 82 Resp: 1053768

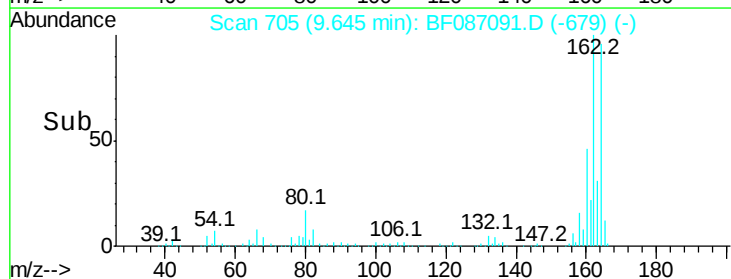
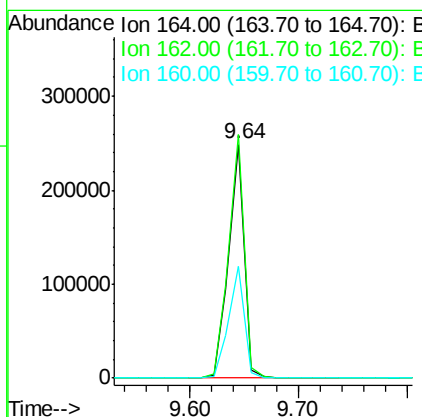
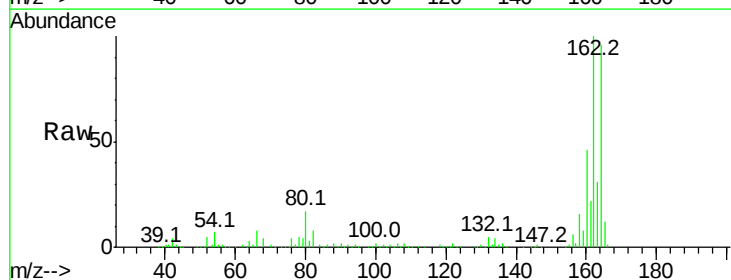
Ion	Ratio	Lower	Upper
82	100		
128	48.3	40.6	61.0
54	60.9	38.1	57.1

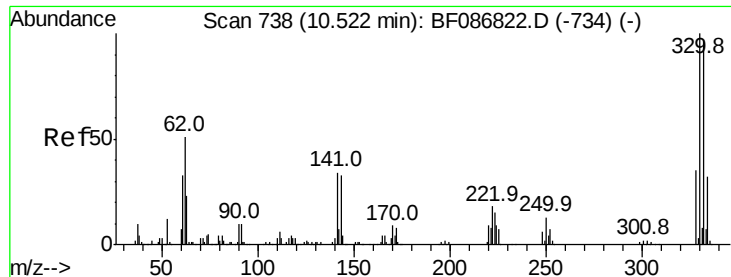


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF087091.D
 Acq: 16 May 2016 19:53

Tgt Ion: 164 Resp: 246472

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.8	124.2
160	47.7	36.9	55.3

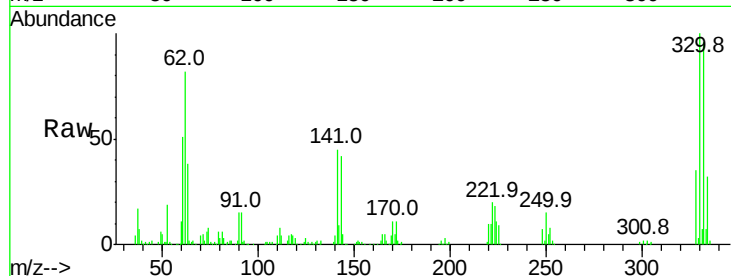




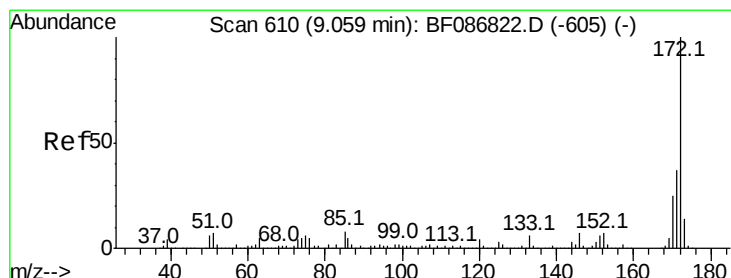
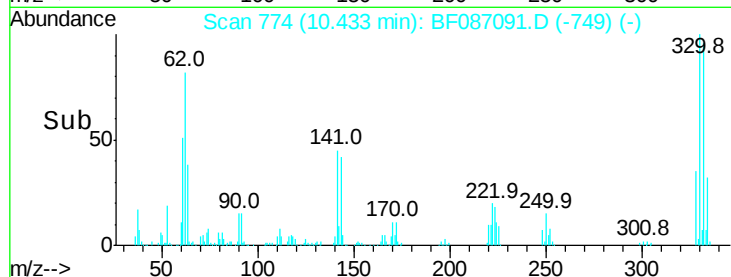
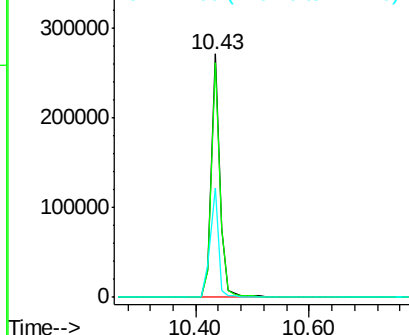
#41
 2,4,6-Tribromophenol
 Concen: 106.12 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF087091.D
 Acq: 16 May 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-44-051216

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.0	118.4
141	43.5	31.2	46.8

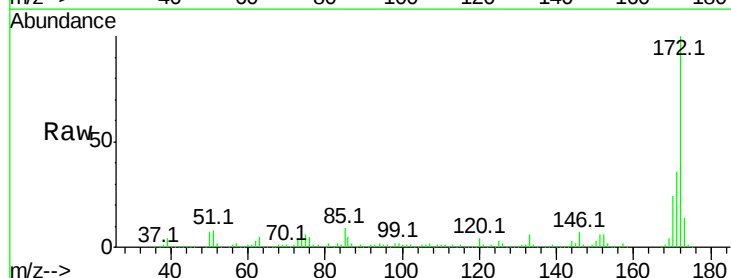


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

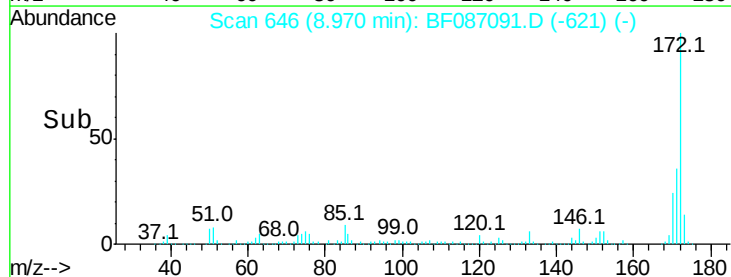
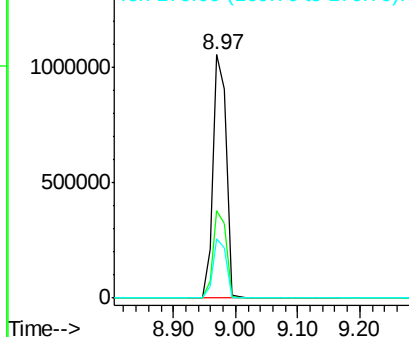


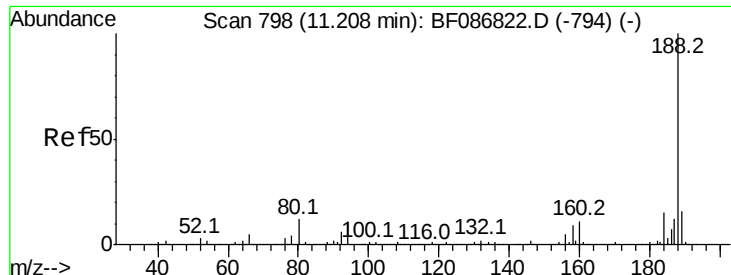
#44
 2-Fluorobiphenyl
 Concen: 104.11 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF087091.D
 Acq: 16 May 2016 19:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	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

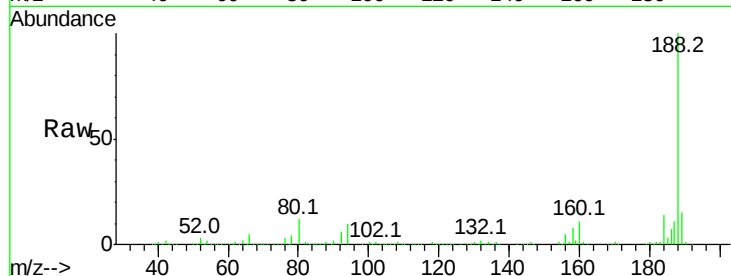




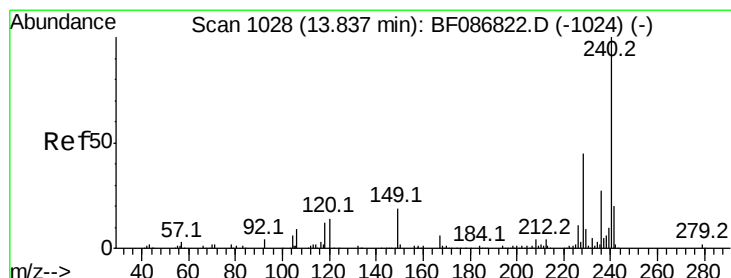
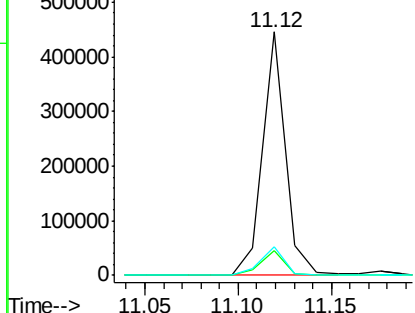
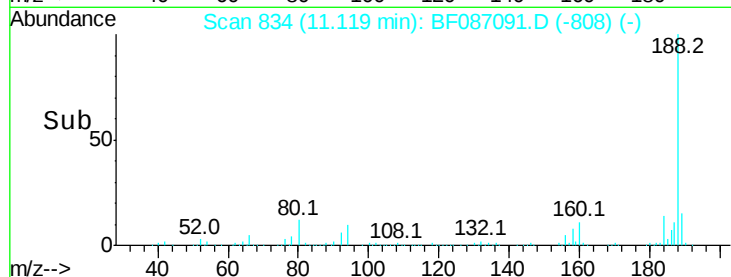
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF087091.D
Acq: 16 May 2016 19:53

Instrument :
BNA_F
ClientSampleId :
HSR-WC-44-051216

Tot Ion:188 Resp: 383748
Ion Ratio Lower Upper
188 100
94 10.4 6.8 10.2#
80 11.7 7.1 10.7#

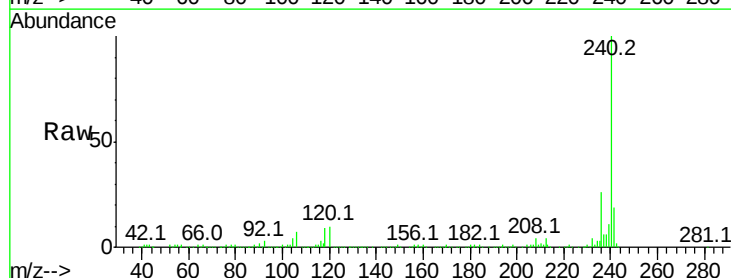


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

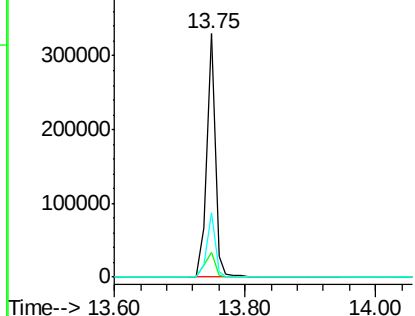
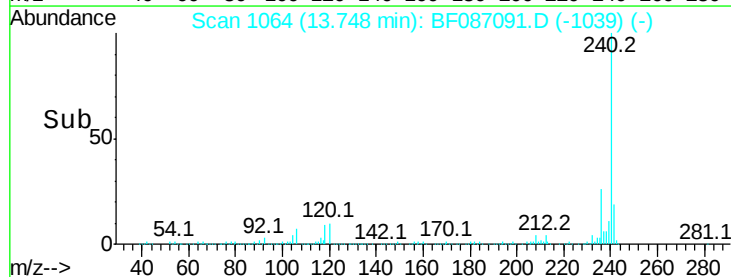


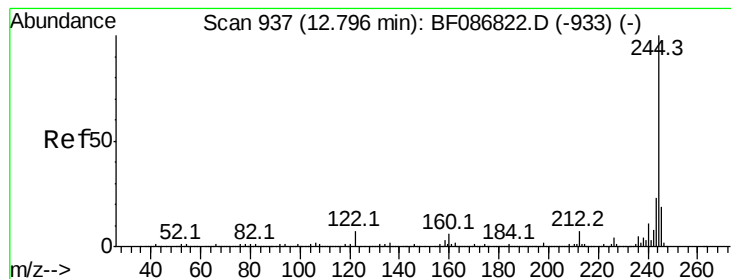
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087091.D
Acq: 16 May 2016 19:53

Tgt Ion:240 Resp: 302350
Ion Ratio Lower Upper
240 100
120 10.4 11.2 16.8#
236 26.4 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: 73.10 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087091.D

Acq: 16 May 2016 19:53

Instrument :

BNA_F

ClientSampleId :

HSR-WC-44-051216

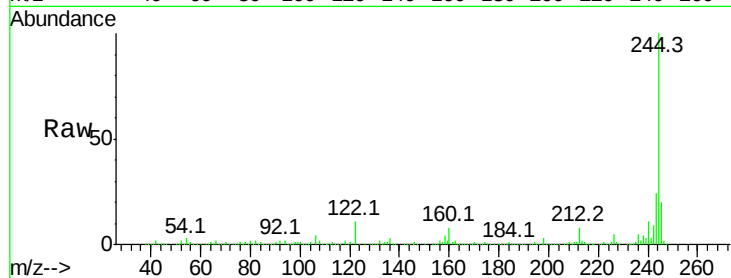
Tot Ion:244 Resp: 1041710

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

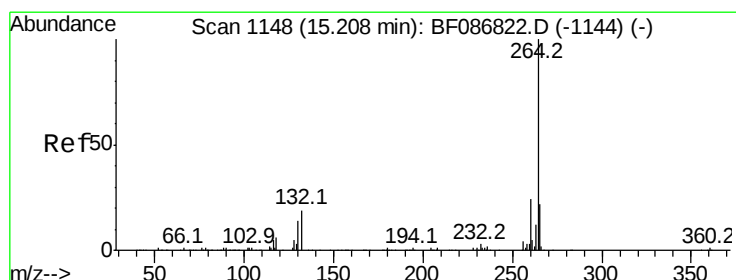
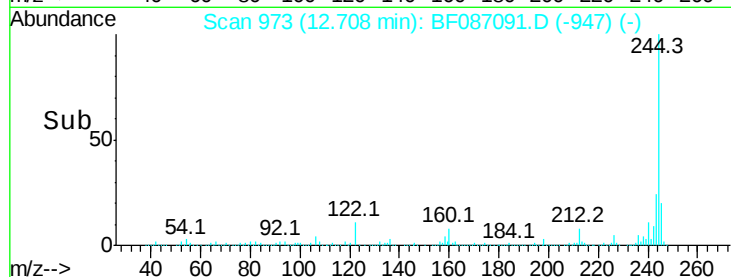
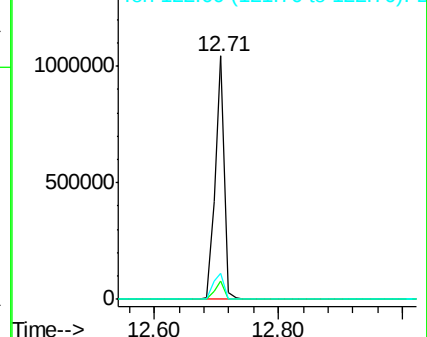
122 10.5 12.0 18.0#



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: 15.11 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF087091.D

Acq: 16 May 2016 19:53

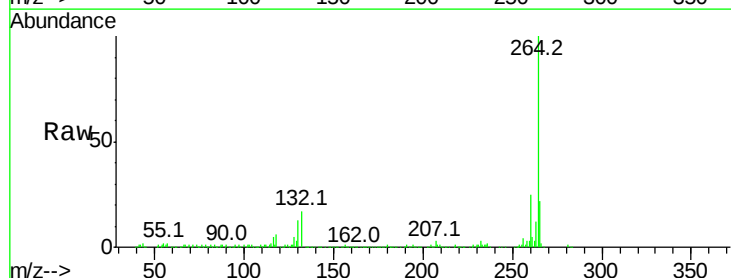
Tgt Ion:264 Resp: 231348

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.7 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

