

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF086997.D
 Acq On : 14 May 2016 4:09
 Operator : UM/SJ
 Sample : H2966-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Quant Time: May 14 05:15:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	137222	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	527096	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	274011	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	502410	20.00	ng	0.00
75) Chrysene-d12	13.75	240	396369	20.00	ng	-0.01
86) Perylene-d12	15.11	264	305964	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	481015	59.36	ng	0.00
7) Phenol-d6	6.28	99	426513	39.39	ng	0.00
23) Nitrobenzene-d5	7.19	82	936488	89.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	395156	136.22	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1455456	89.27	ng	0.00
78) Terphenyl-d14	12.72	244	1564710	83.76	ng	0.00

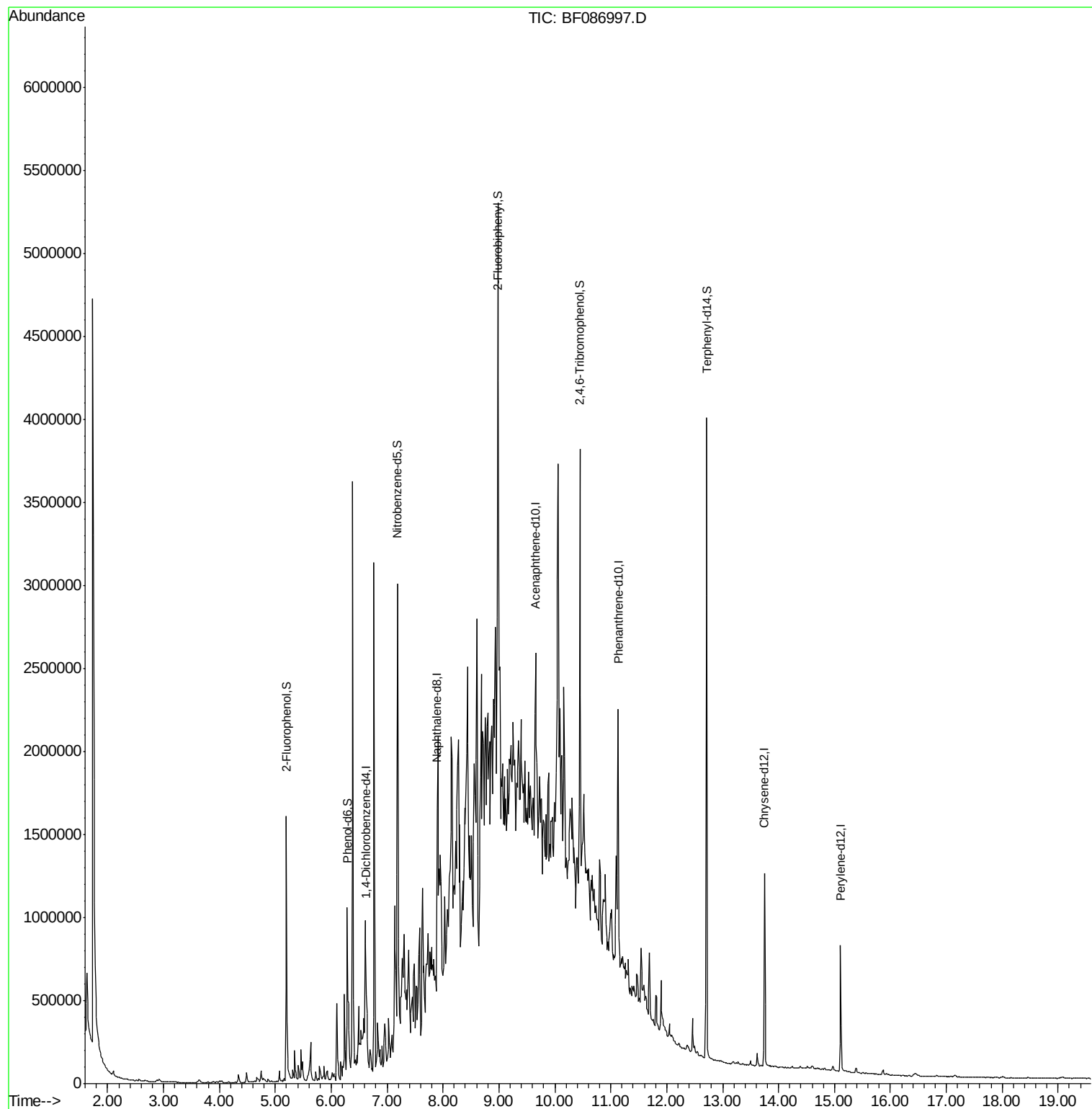
Target Compounds Qvalue

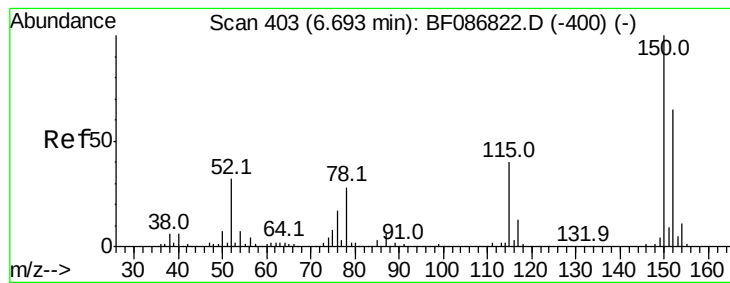
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

Instrument :

BNA_F

ClientSampleId :

MW-28

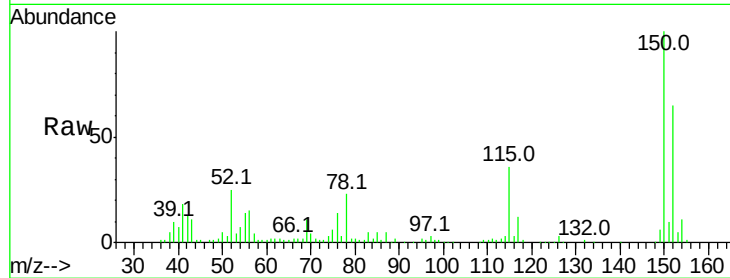
Tot Ion:152 Resp: 137222

Ion Ratio Lower Upper

152 100

150 154.2 125.8 188.6

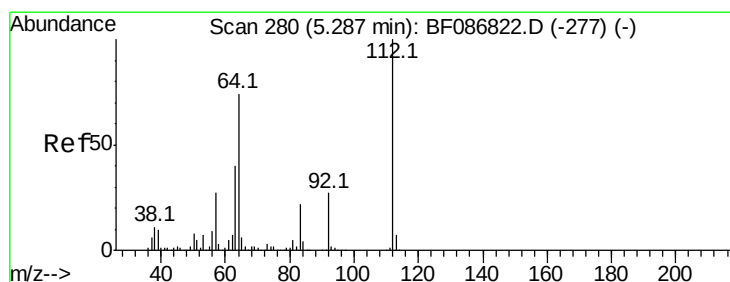
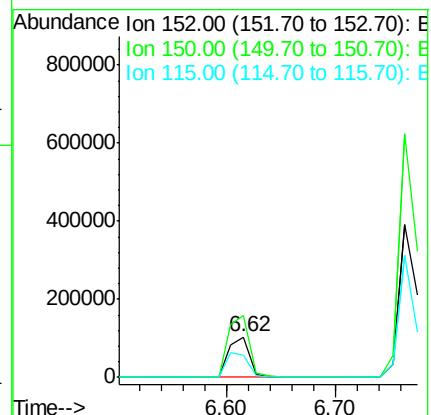
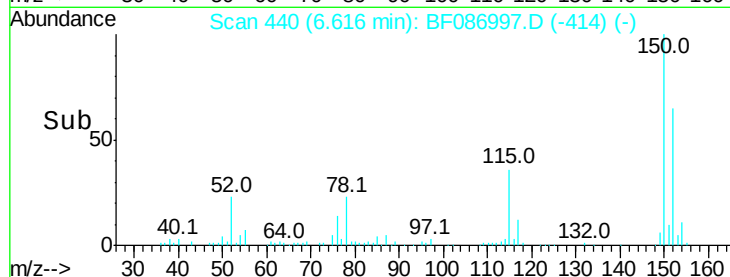
115 56.0 51.5 77.3



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: 59.36 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

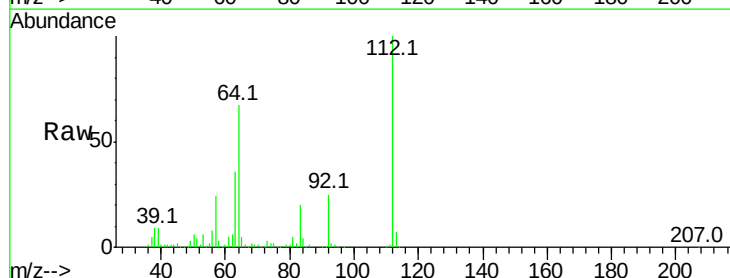
Tgt Ion:112 Resp: 481015

Ion Ratio Lower Upper

112 100

64 67.0 52.1 78.1

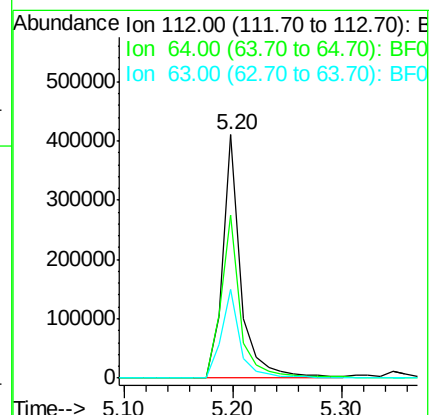
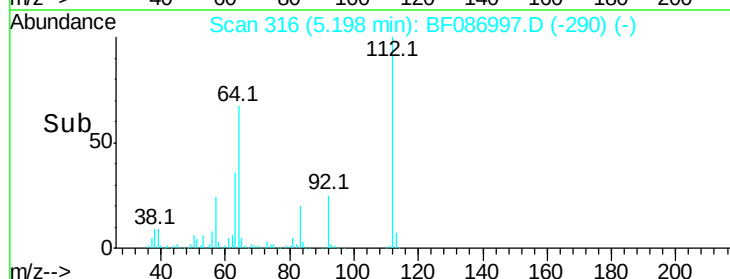
63 36.3 25.7 38.5

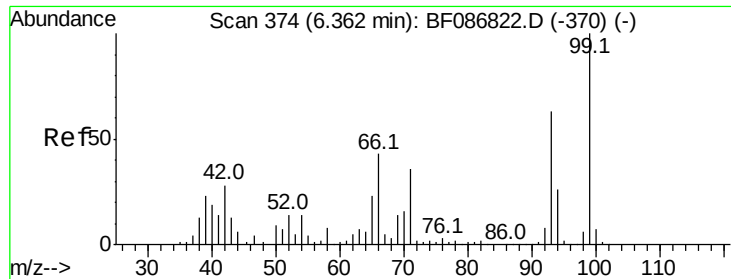


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.39 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

Instrument :

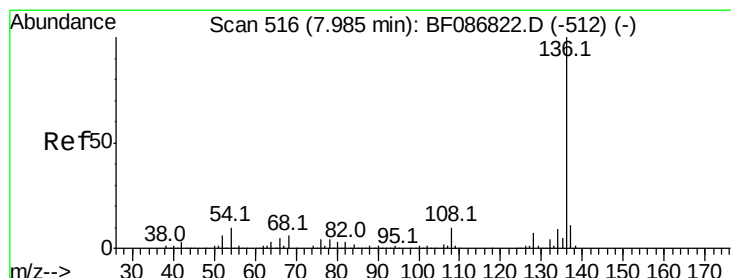
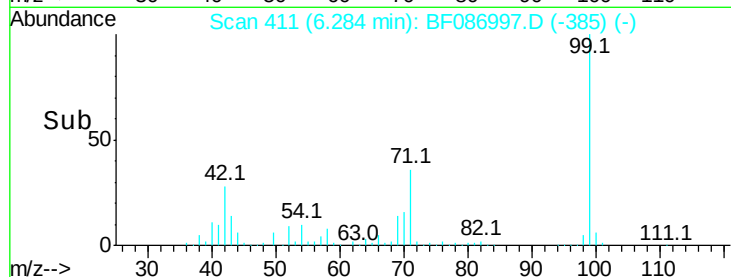
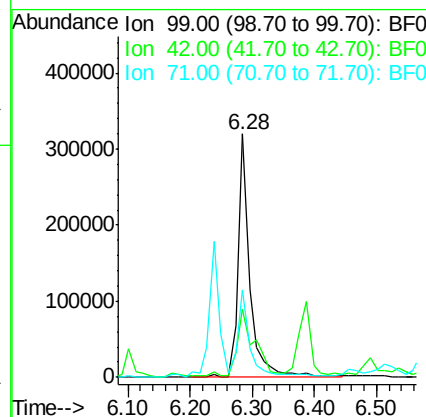
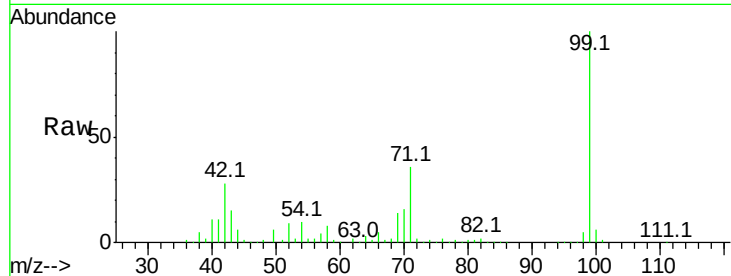
BNA_F

ClientSampleId :

MW-28

Tot Ion: 99 Resp: 426513

Ion	Ratio	Lower	Upper
99	100		
42	28.0	13.6	20.4#
71	36.0	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

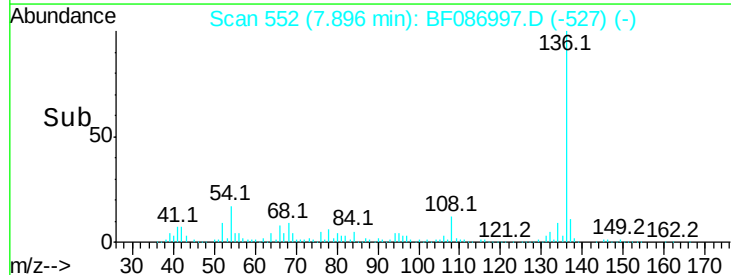
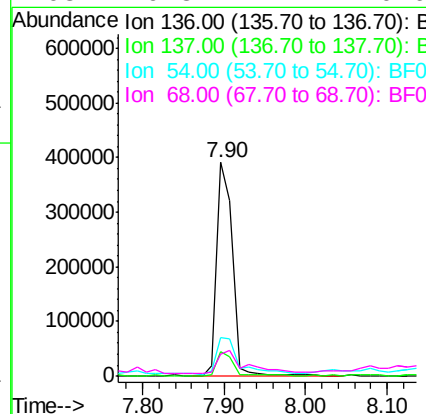
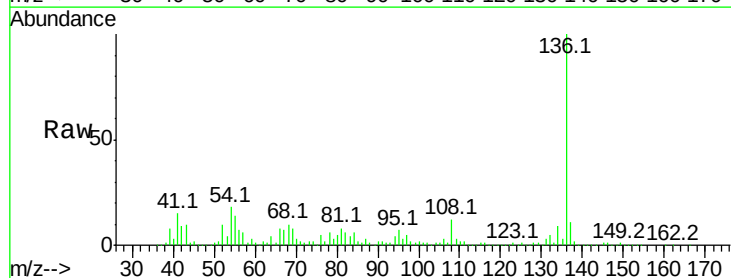
Delta R.T. -0.01 min

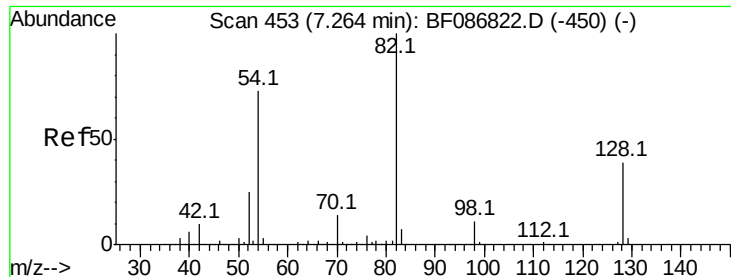
Lab File: BF086997.D

Acq: 14 May 2016 4:09

Tgt Ion: 136 Resp: 527096

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	17.8	5.0	7.4#
68	10.3	4.4	6.6#

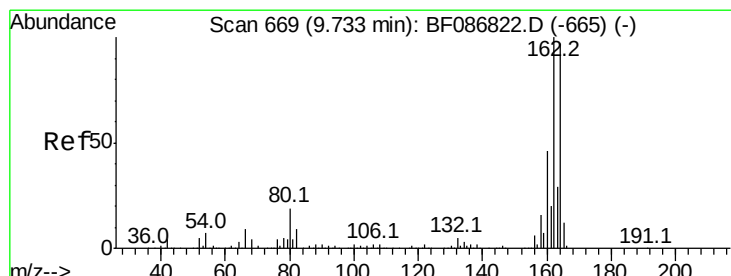
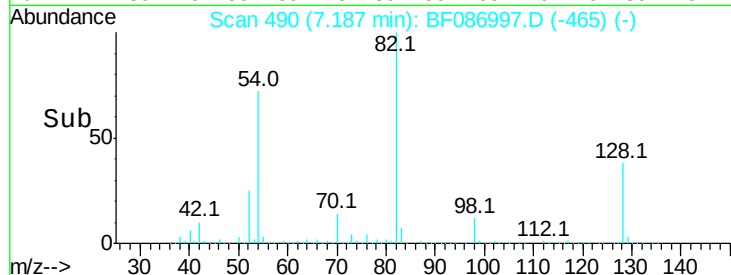
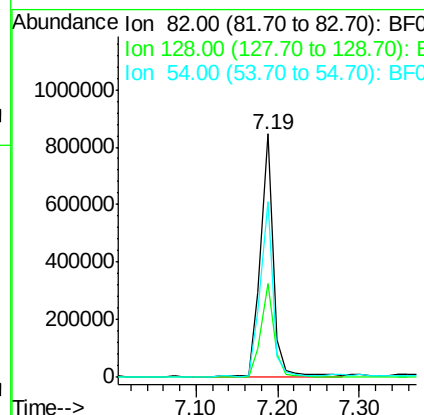
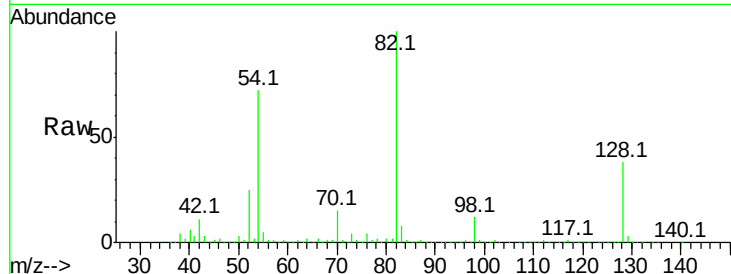




#23
 Nitrobenzene-d5
 Concen: 89.21 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF086997.D
 Acq: 14 May 2016 4:09

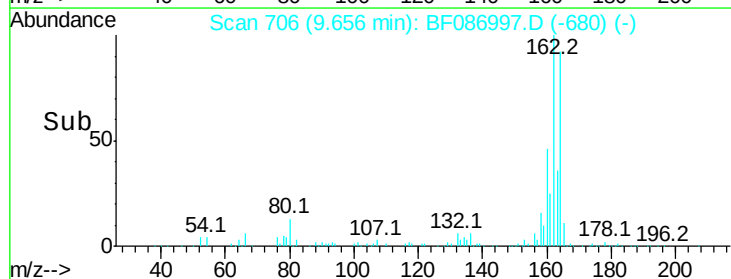
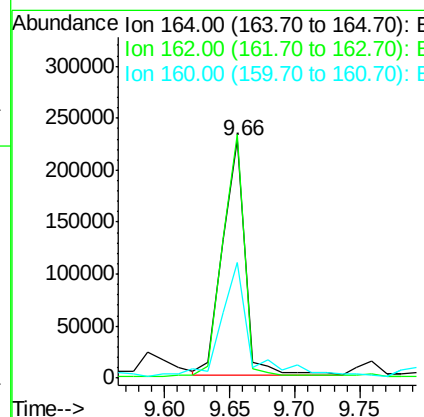
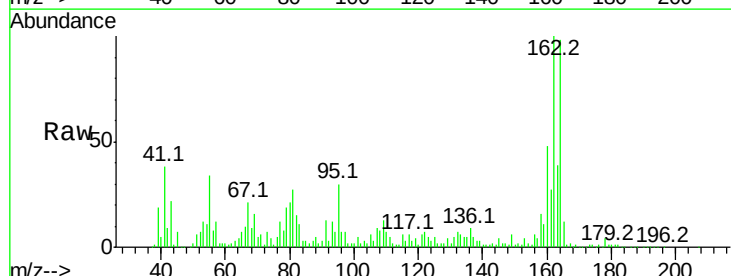
Instrument :
 BNA_F
 ClientSampleId :
 MW-28

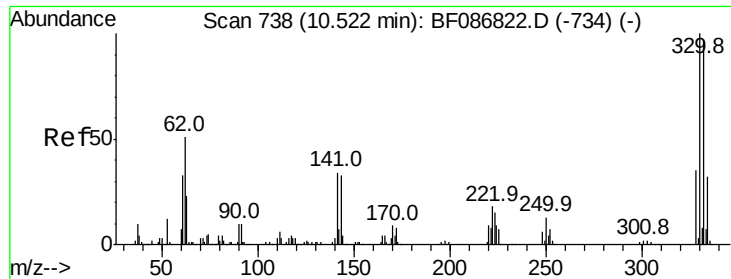
Tot Ion	82	Resp	936488
Ion Ratio	100	Lower	Upper
128	38.3	40.6	61.0#
54	72.0	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF086997.D
 Acq: 14 May 2016 4:09

Tgt Ion	164	Resp	274011
Ion Ratio	100	Lower	Upper
162	102.3	82.8	124.2
160	48.8	36.9	55.3

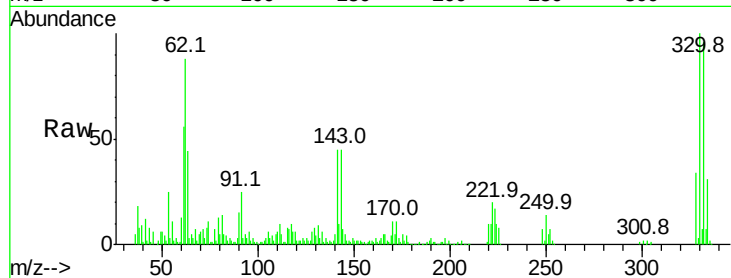




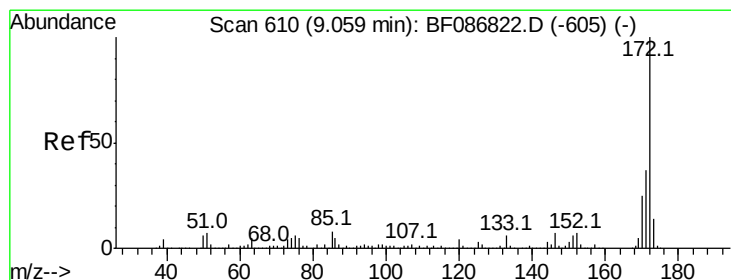
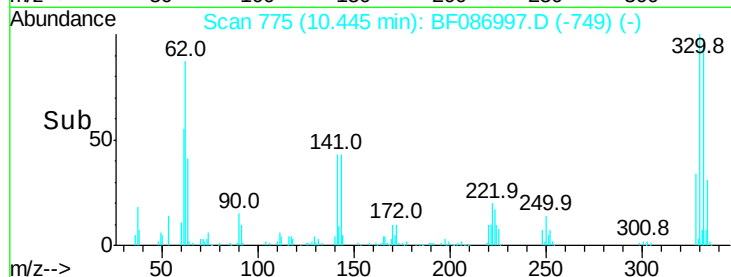
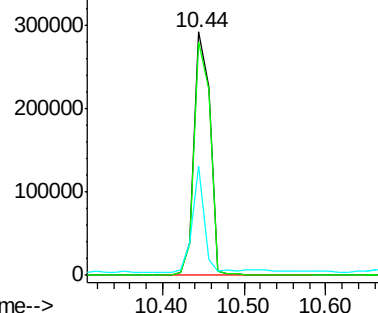
#41
 2,4,6-Tribromophenol
 Concen: 136.22 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF086997.D
 Acq: 14 May 2016 4:09

Instrument :
 BNA_F
 ClientSampled :
 MW-28

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	33.3	31.2	46.8

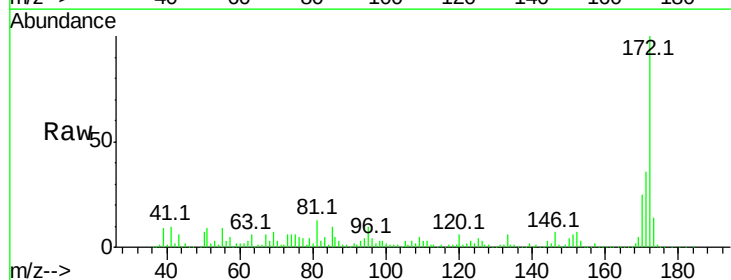


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

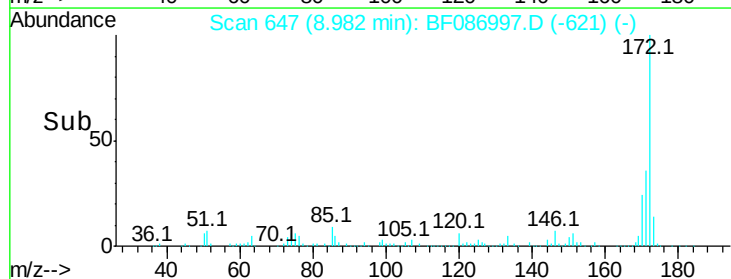
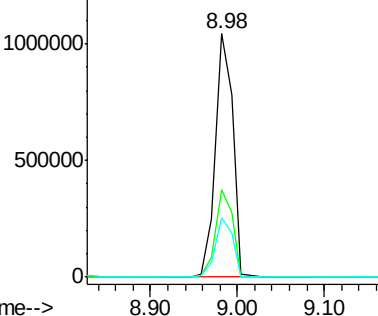


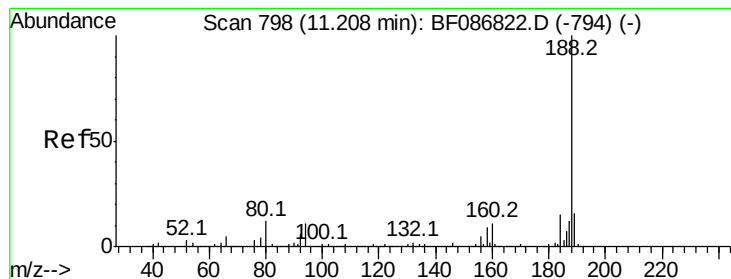
#44
 2-Fluorobiphenyl
 Concen: 89.27 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF086997.D
 Acq: 14 May 2016 4:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.5	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: 11.13 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF086997.D

Acq: 14 May 2016 4:09

Instrument :

BNA_F

ClientSampleId :

MW-28

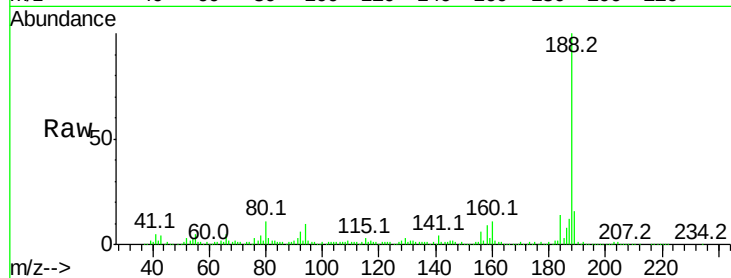
Tot Ion:188 Resp: 502410

Ion Ratio Lower Upper

188 100

94 10.1 6.8 10.2

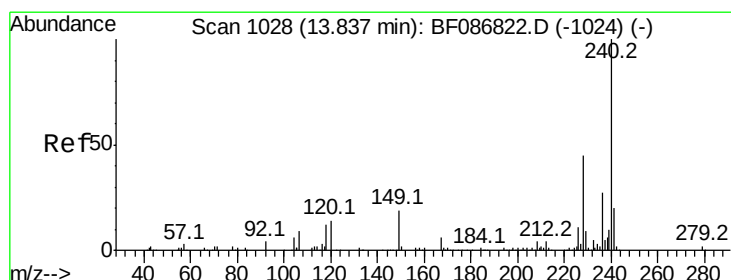
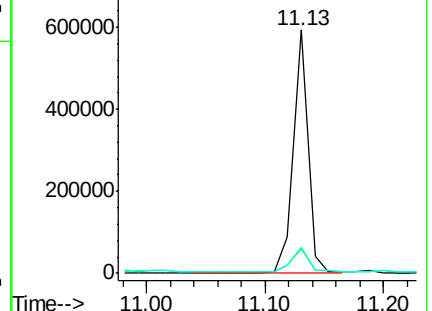
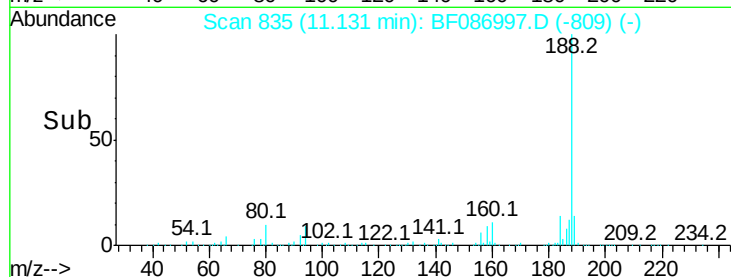
80 10.9 7.1 10.7#



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: BF086997.D

Acq: 14 May 2016 4:09

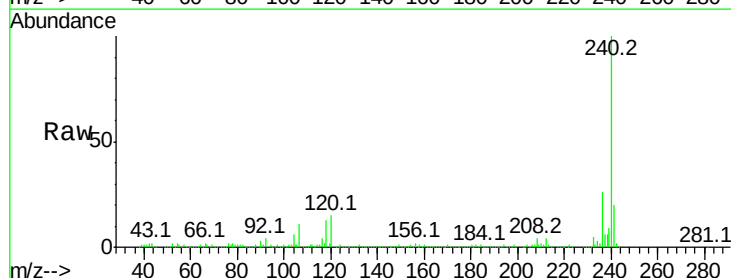
Tgt Ion:240 Resp: 396369

Ion Ratio Lower Upper

240 100

120 15.0 11.2 16.8

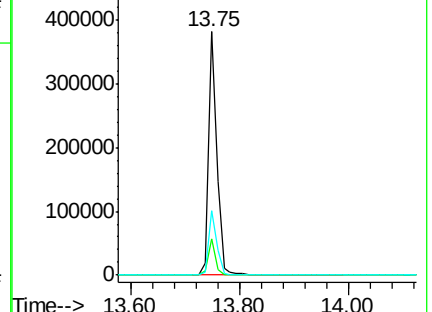
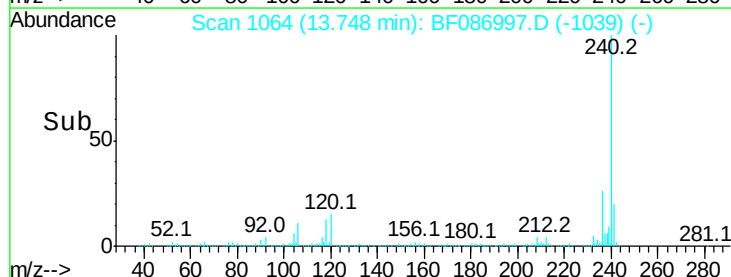
236 26.3 21.2 31.8

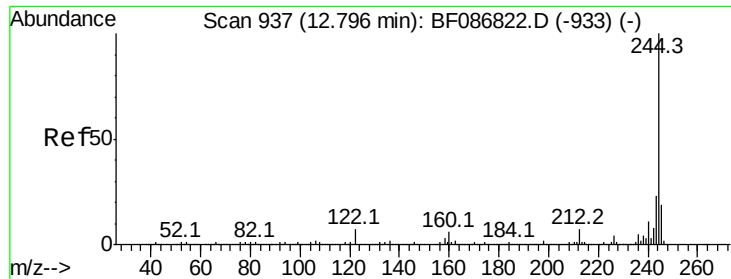


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

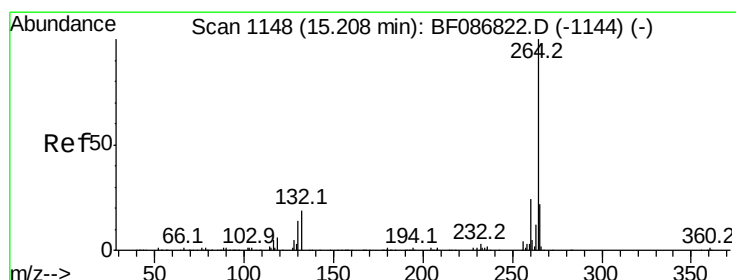
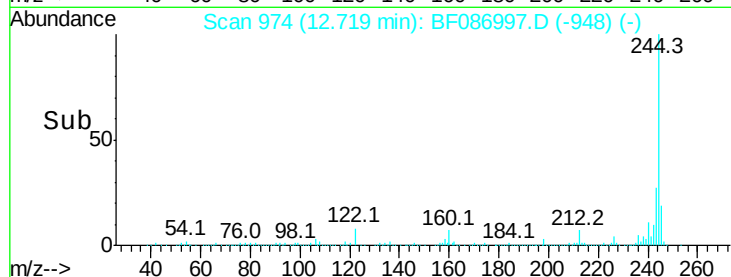
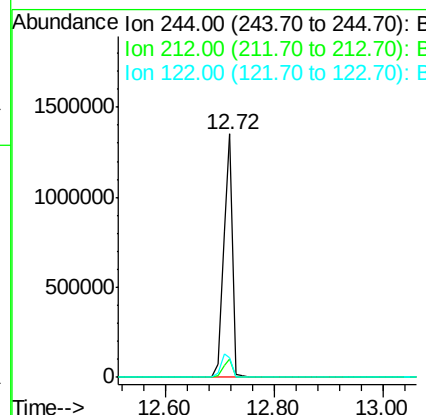
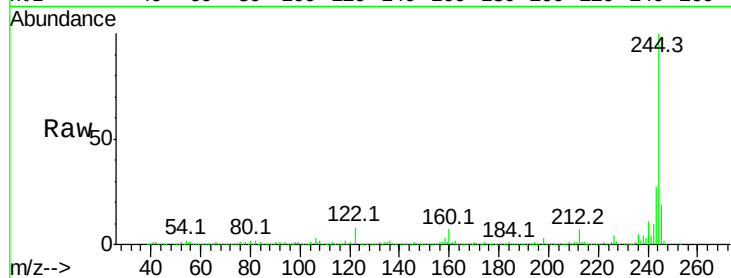




#78
 Terphenyl-d14
 Concen: 83.76 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF086997.D
 Acq: 14 May 2016 4:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Tot Ion:244 Resp: 1564710
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 7.8 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF086997.D
 Acq: 14 May 2016 4:09

Tgt Ion:264 Resp: 305964
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 22.4 17.3 25.9

