

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087014.D
 Acq On : 14 May 2016 12:20
 Operator : UM/SJ
 Sample : H2947-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: May 16 01:54:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 01:11:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	127989	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	506780	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	242579	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	441067	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	334032	20.00	ng	-0.01
86) Perylene-d12	15.11	264	285167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	465643	61.61	ng	0.00
7) Phenol-d6	6.28	99	398189	39.42	ng	0.00
23) Nitrobenzene-d5	7.19	82	963847	95.50	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	331224	128.98	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1428765	98.99	ng	0.00
78) Terphenyl-d14	12.71	244	1239598	78.74	ng	0.00

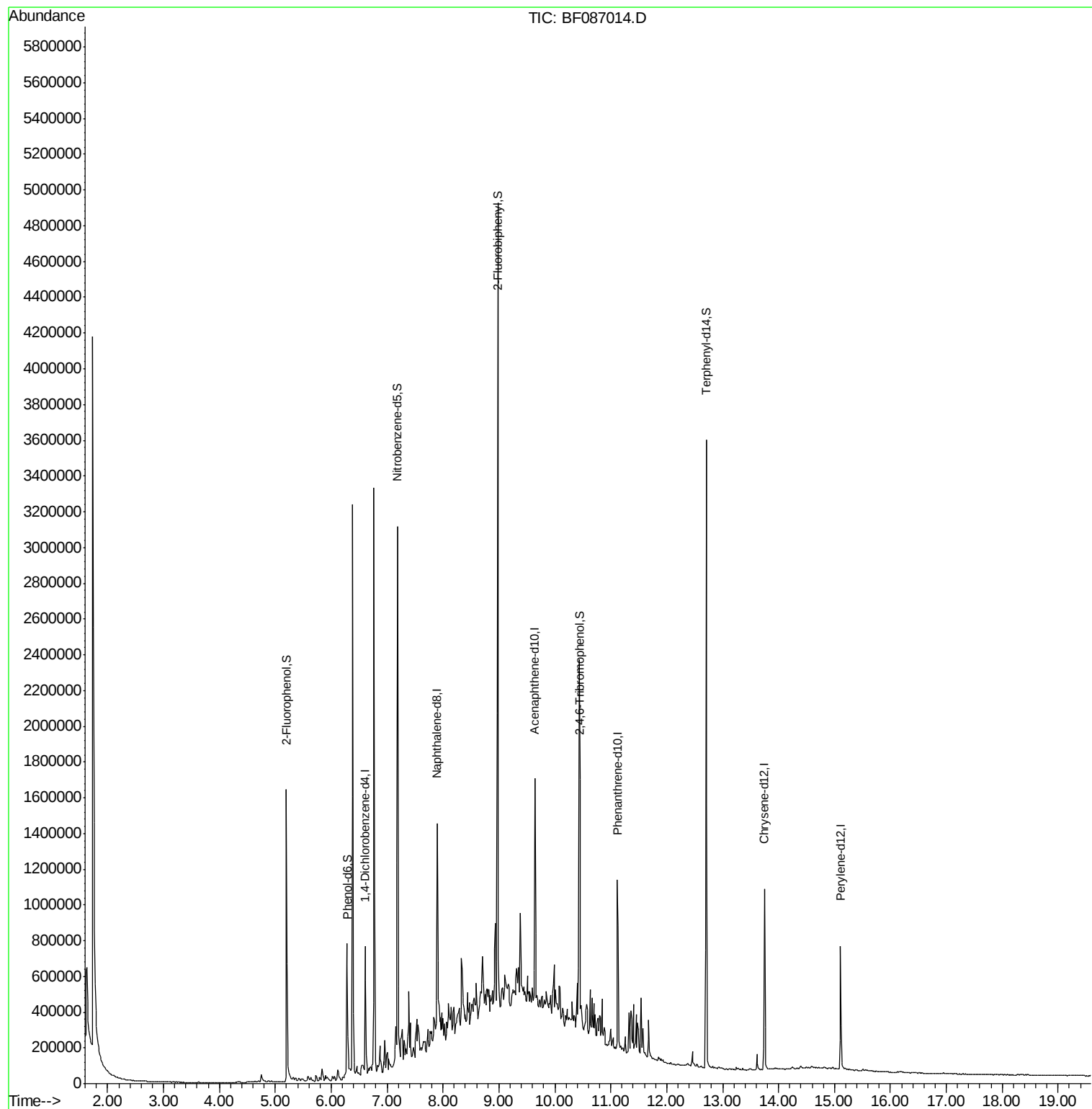
Target Compounds Qvalue

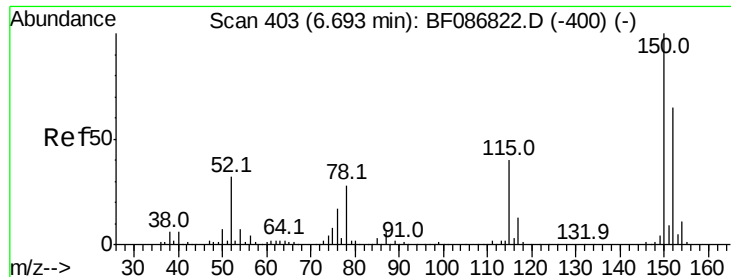
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF087014.D

Acq: 14 May 2016 12:20

Instrument :

BNA_F

ClientSampleId :

MW-04

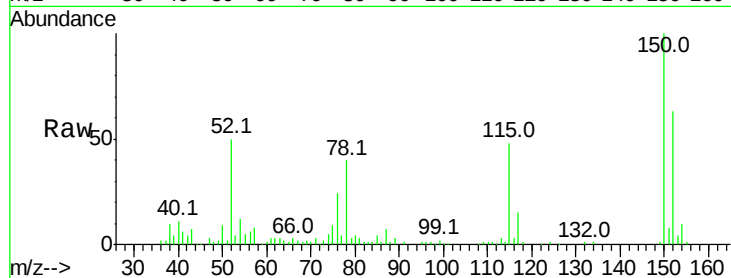
Tot Ion:152 Resp: 127989

Ion Ratio Lower Upper

152 100

150 159.4 125.8 188.6

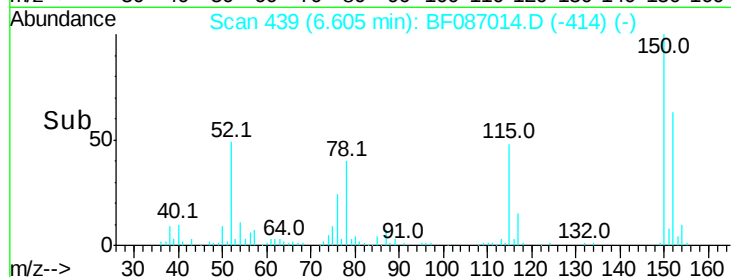
115 75.9 51.5 77.3



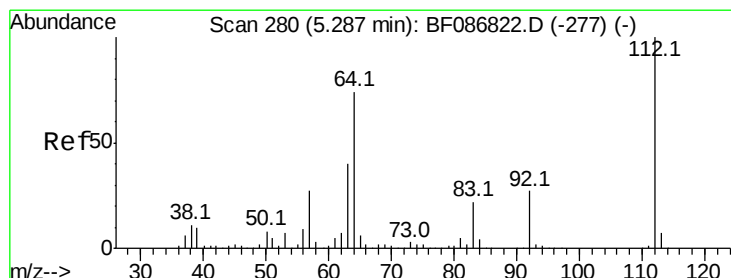
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 6.50 6.60 6.70



#5

2-Fluorophenol

Concen: 61.61 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087014.D

Acq: 14 May 2016 12:20

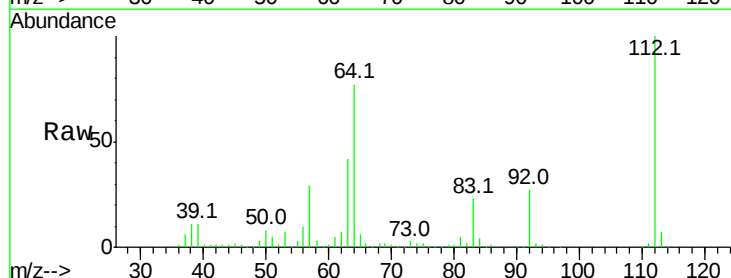
Tgt Ion:112 Resp: 465643

Ion Ratio Lower Upper

112 100

64 76.6 52.1 78.1

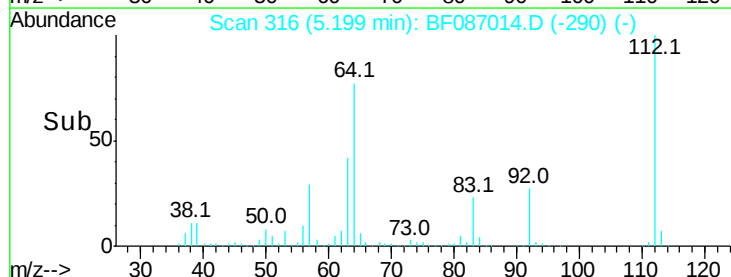
63 41.8 25.7 38.5



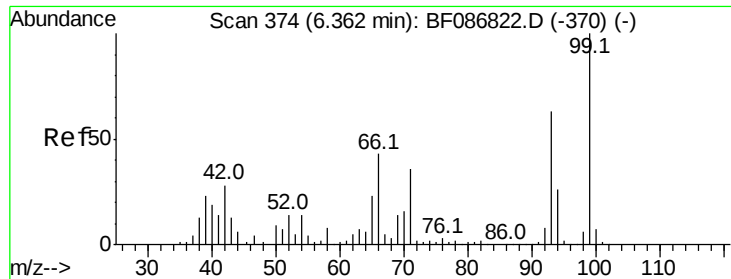
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time--> 5.10 5.20 5.30 5.40



#7

Phenol-d6

Concen: 39.42 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087014.D

Acq: 14 May 2016 12:20

Instrument :

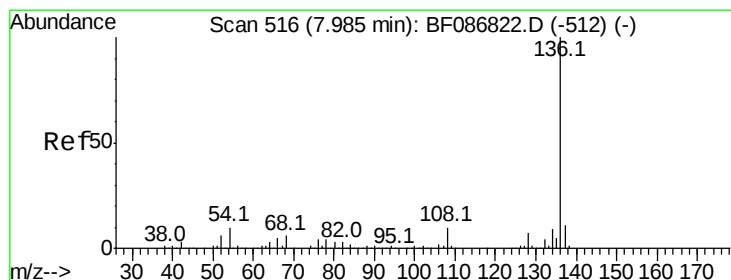
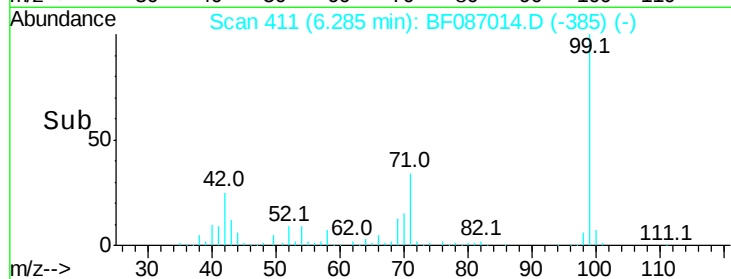
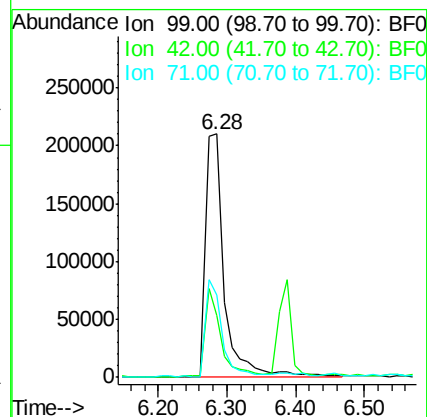
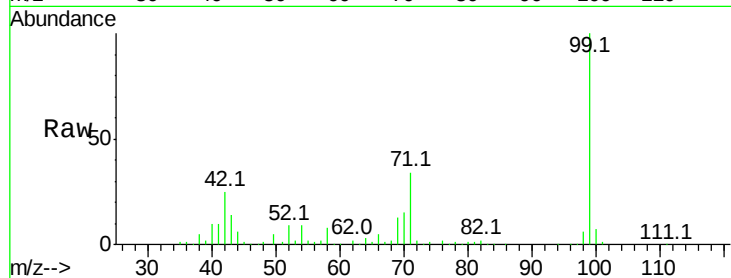
BNA_F

ClientSampled :

MW-04

Tot Ion: 99 Resp: 398189

Ion	Ratio	Lower	Upper
99	100		
42	25.3	13.6	20.4#
71	34.0	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

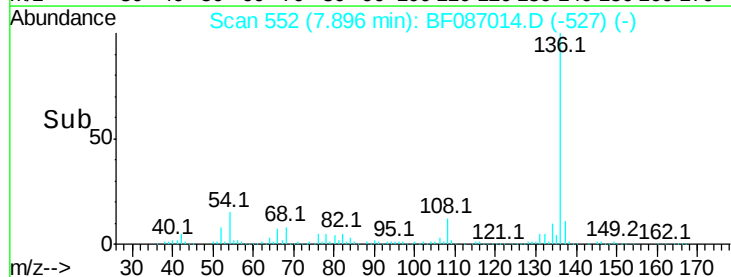
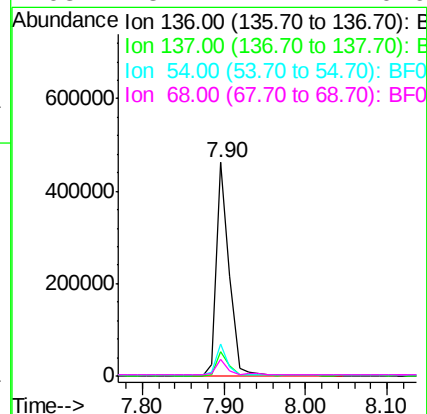
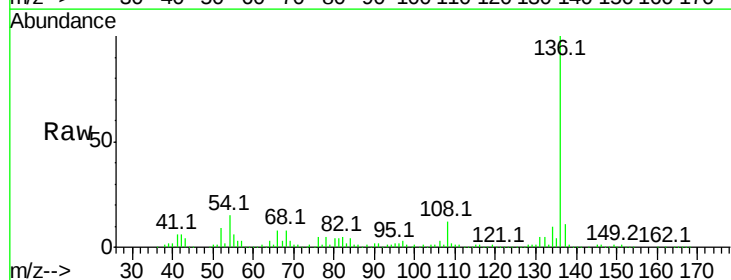
Delta R.T. -0.01 min

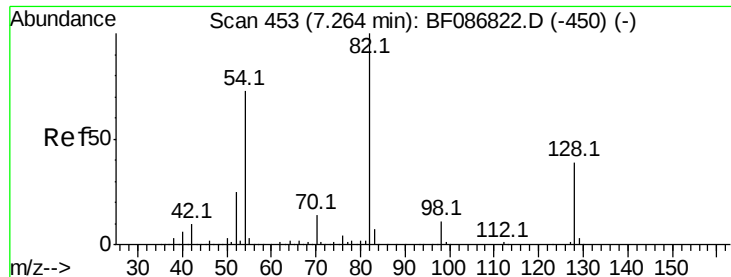
Lab File: BF087014.D

Acq: 14 May 2016 12:20

Tgt Ion: 136 Resp: 506780

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	15.0	5.0	7.4#
68	8.1	4.4	6.6#

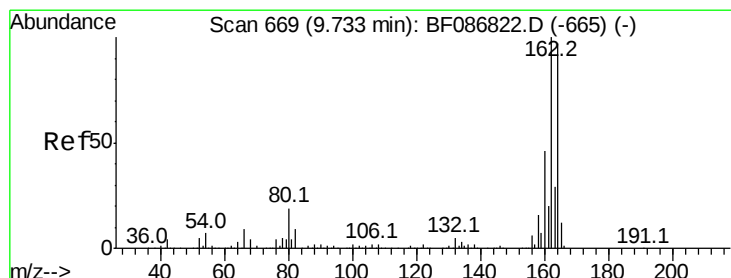
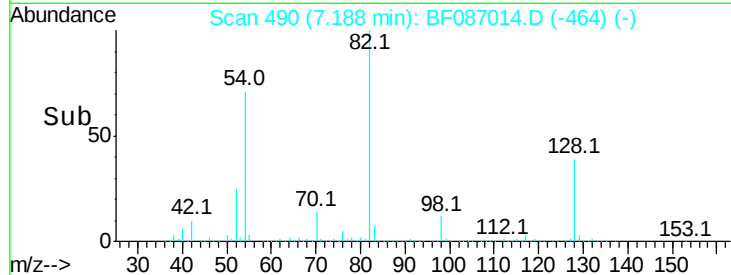
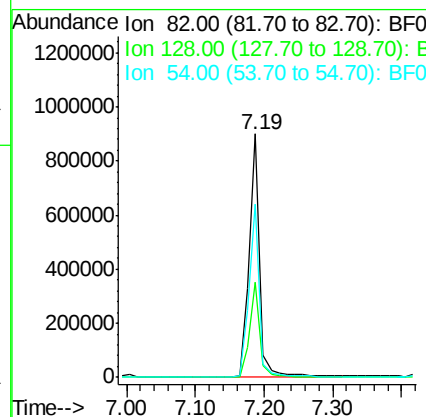
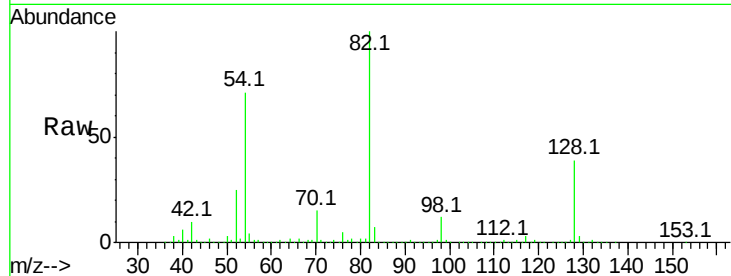




#23
 Nitrobenzene-d5
 Concen: 95.50 ng
 RT: 7.19 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF087014.D
 Acq: 14 May 2016 12:20

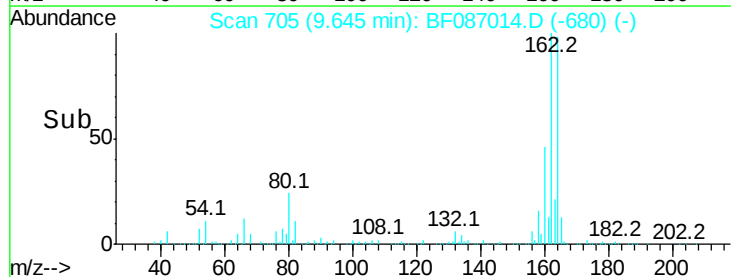
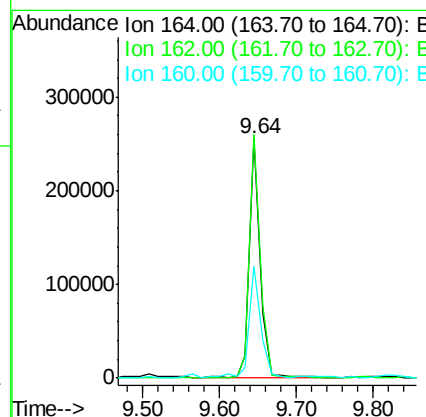
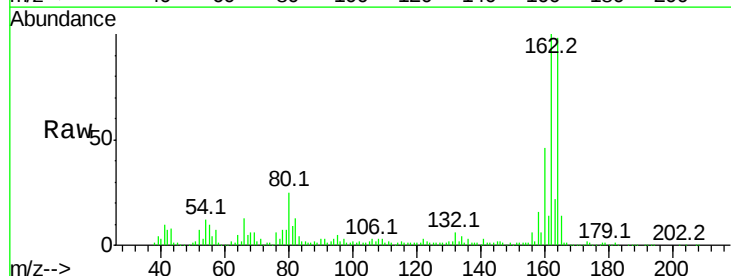
Instrument :
 BNA_F
 ClientSampleId :
 MW-04

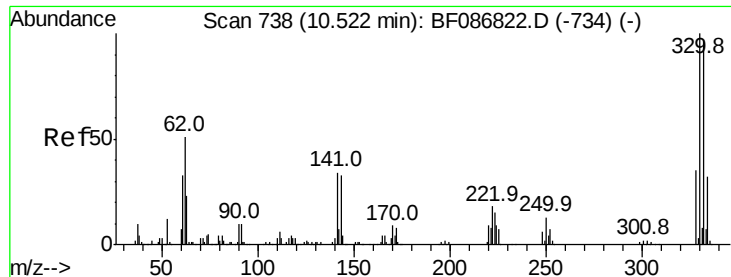
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.9	40.6	61.0#
54	71.1	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087014.D
 Acq: 14 May 2016 12:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.8	124.2
160	46.7	36.9	55.3

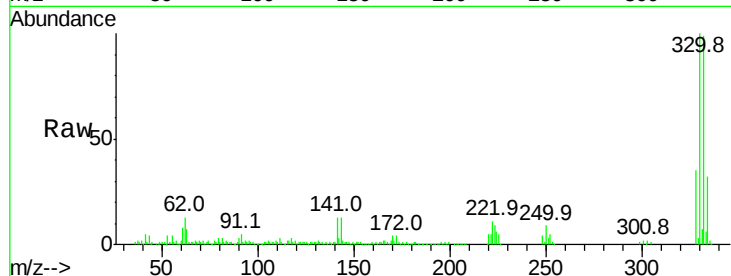




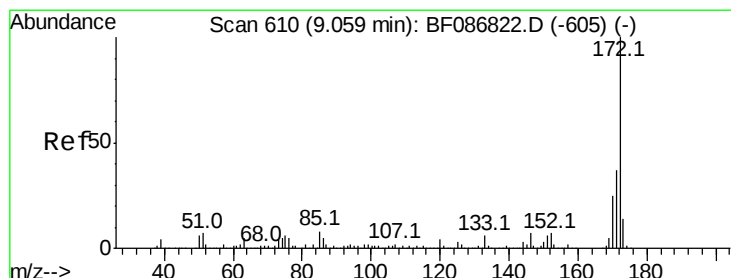
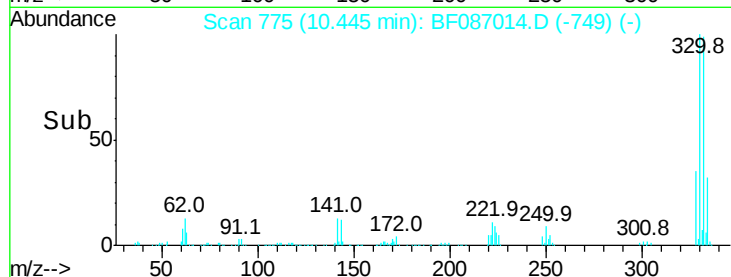
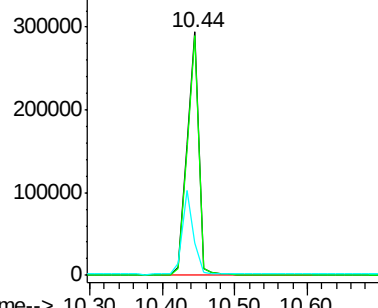
#41
 2,4,6-Tribromophenol
 Concen: 128.98 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087014.D
 Acq: 14 May 2016 12:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.0	118.4
141	33.2	31.2	46.8

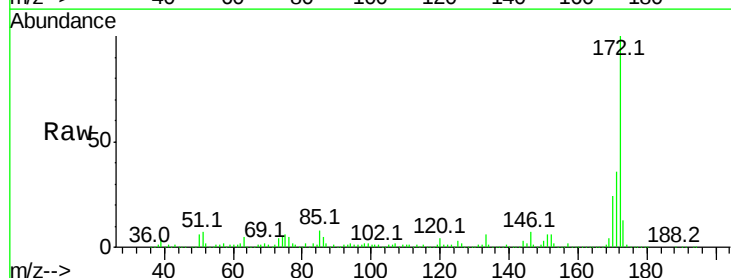


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

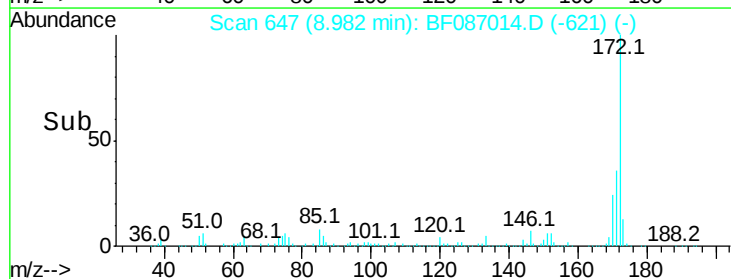
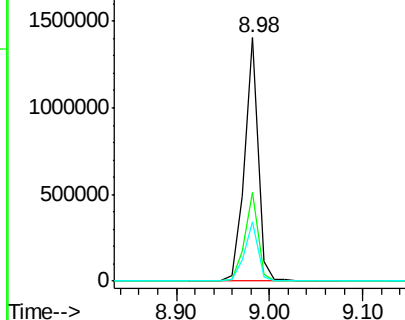


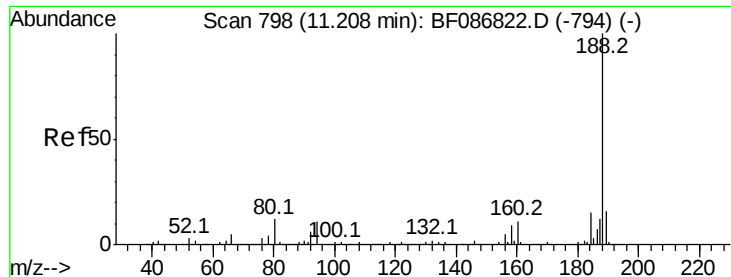
#44
 2-Fluorobiphenyl
 Concen: 98.99 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087014.D
 Acq: 14 May 2016 12:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.4	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

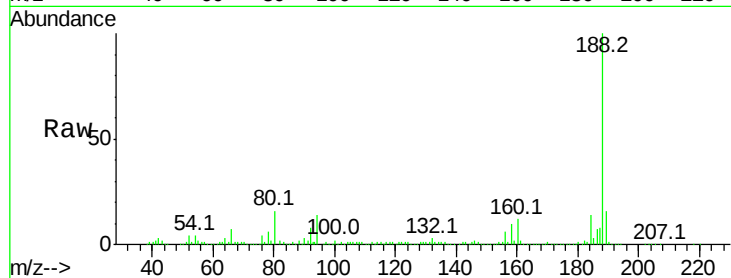




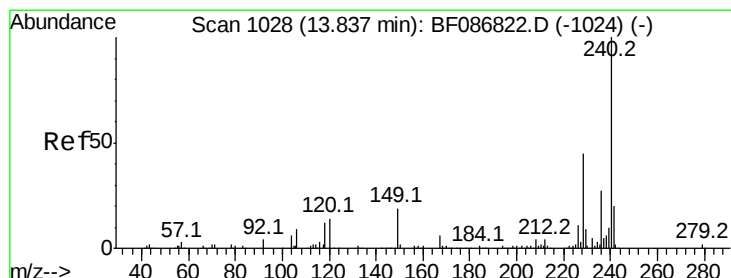
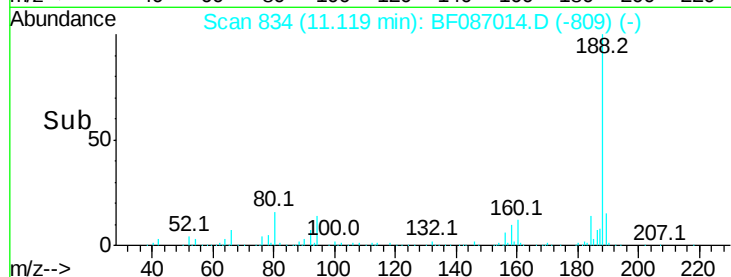
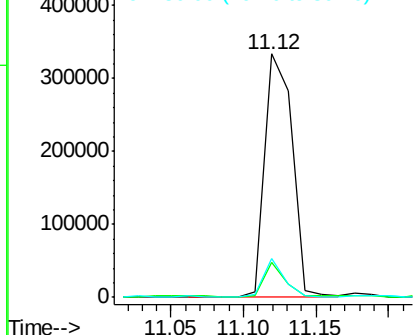
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF087014.D
Acq: 14 May 2016 12:20

Instrument :
BNA_F
ClientSampleId :
MW-04

Tot Ion:188 Resp: 441067
Ion Ratio Lower Upper
188 100
94 14.2 6.8 10.2#
80 16.0 7.1 10.7#

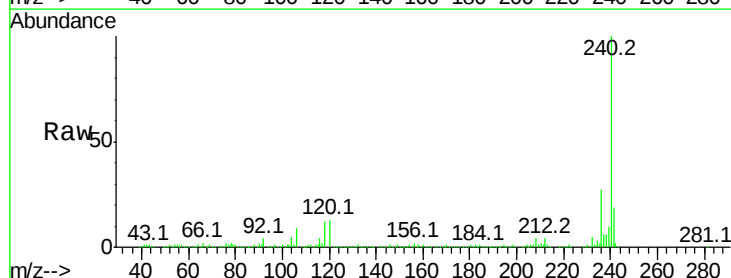


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

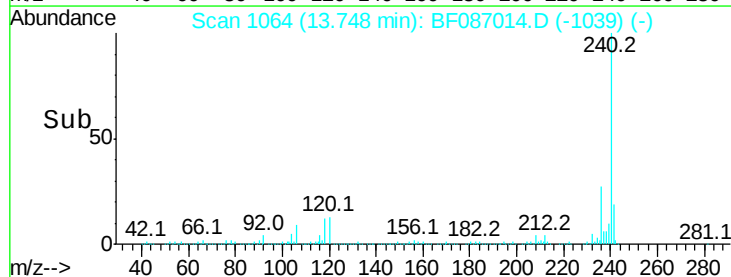
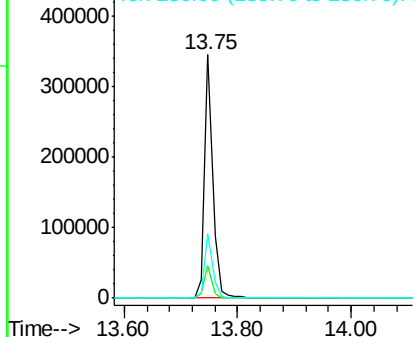


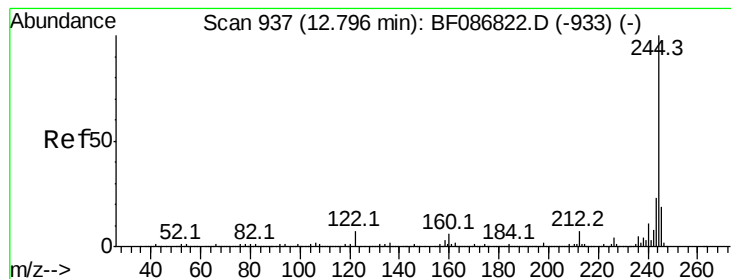
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087014.D
Acq: 14 May 2016 12:20

Tgt Ion:240 Resp: 334032
Ion Ratio Lower Upper
240 100
120 13.4 11.2 16.8
236 26.7 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: 78.74 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087014.D

Acq: 14 May 2016 12:20

Instrument :

BNA_F

ClientSampleId :

MW-04

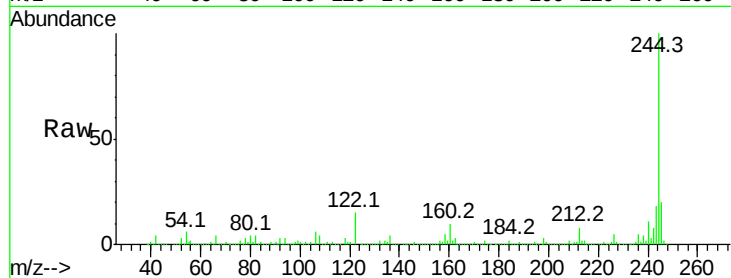
Tot Ion:244 Resp: 1239598

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

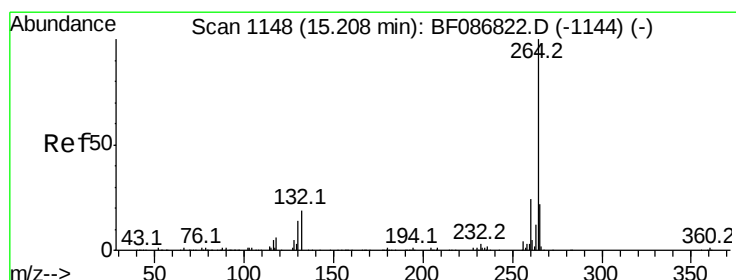
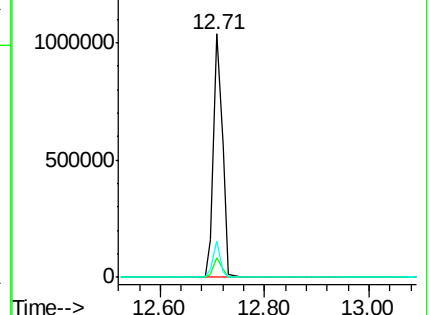
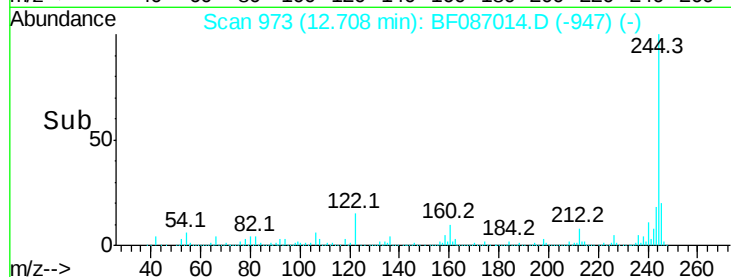
122 15.1 12.0 18.0



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: BF087014.D

Acq: 14 May 2016 12:20

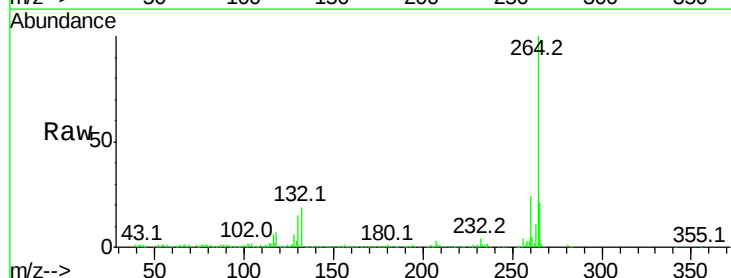
Tgt Ion:264 Resp: 285167

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.3 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

