

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
 Data File : BF076713.D
 Acq On : 31 Dec 2014 20:47
 Operator : IZ / TP
 Sample : PB81154TB
 Misc : W
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81154TB

Quant Time: Jan 01 01:32:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 31 23:59:08 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	34366	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	151518	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	83402	20.00	ng	0.00
63) Phenanthrene-d10	12.25	188	135678	20.00	ng	-0.01
75) Chrysene-d12	15.49	240	136571	20.00	ng	-0.01
86) Perylene-d12	17.13	264	124247	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	286698	141.43	ng	0.00
7) Phenol-d6	6.32	99	378153	152.74	ng	0.00
23) Nitrobenzene-d5	7.43	82	228534	89.70	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	95216	135.08	ng	0.00
44) 2-Fluorobiphenyl	9.65	172	457873	85.43	ng	-0.01
78) Terphenyl-d14	14.24	244	492946	79.62	ng	-0.01

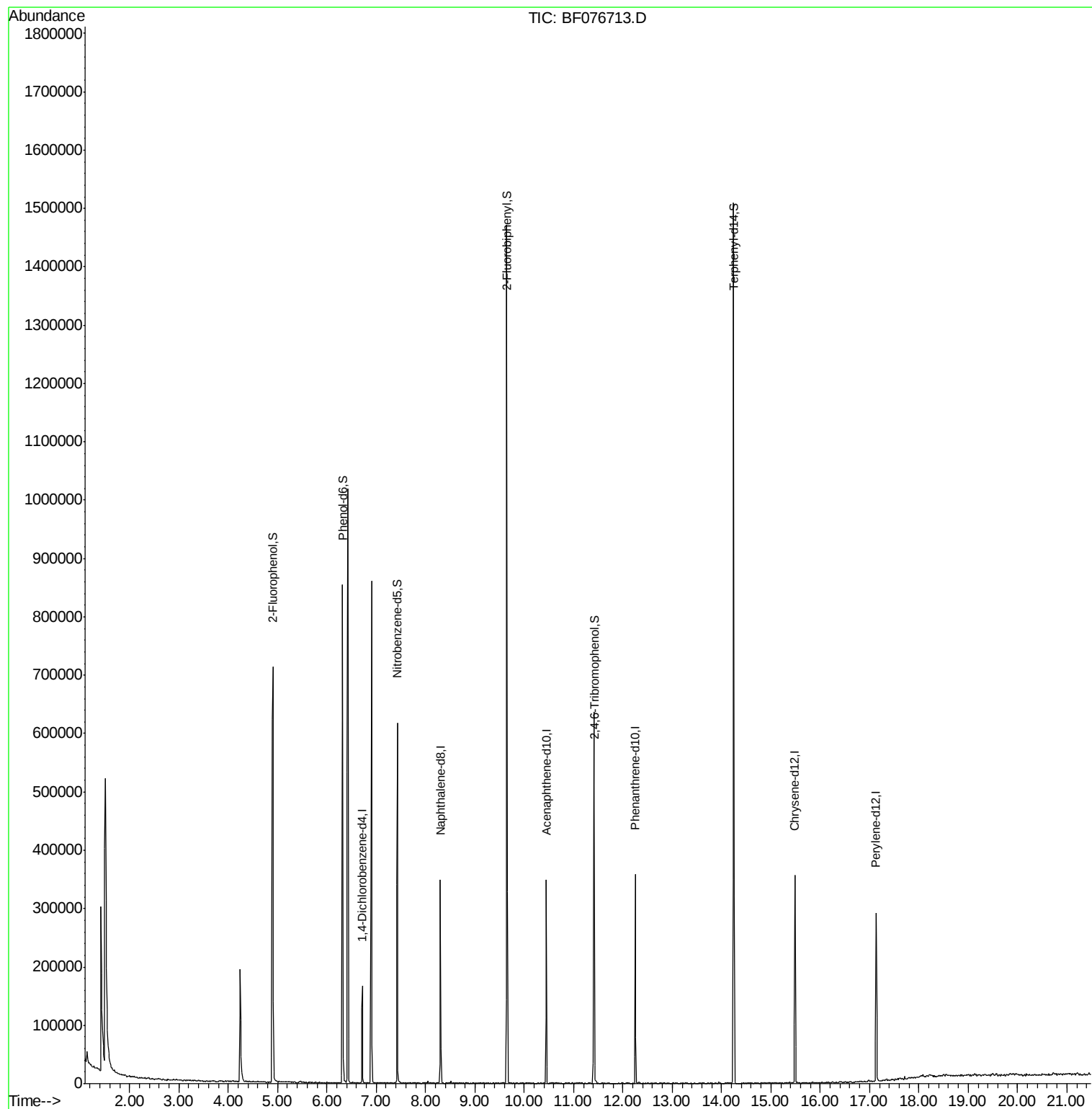
Target Compounds Qvalue

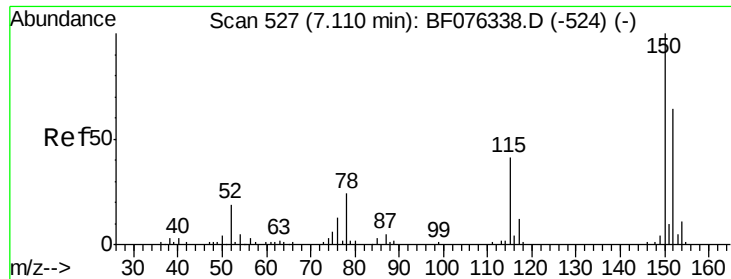
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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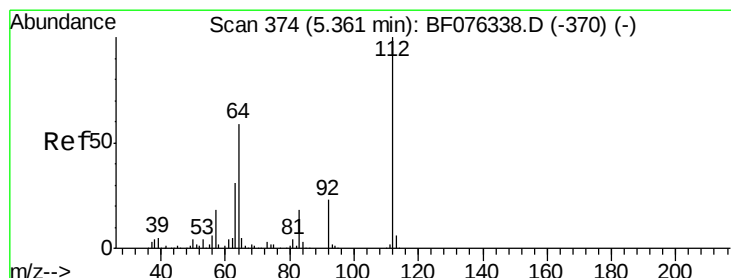
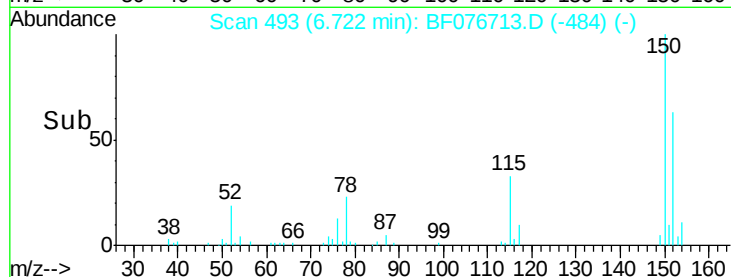
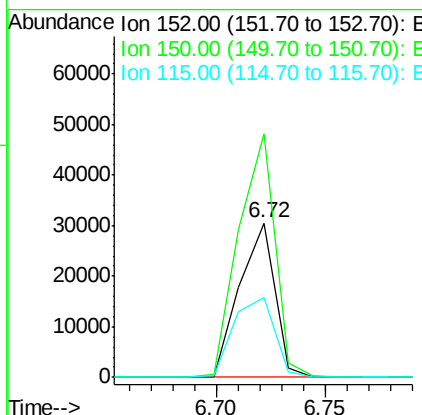
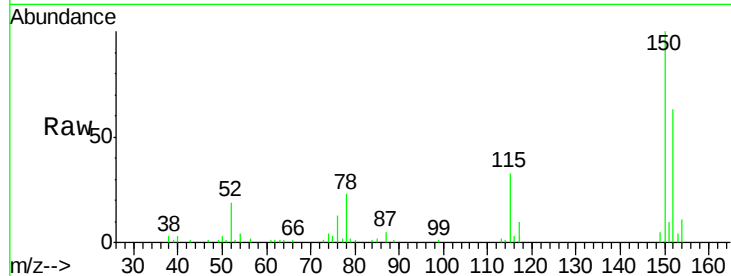


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF076713.D
Acq: 31 Dec 2014 20:47

Instrument :
BNA_F
ClientSampleId :
PB81154TB

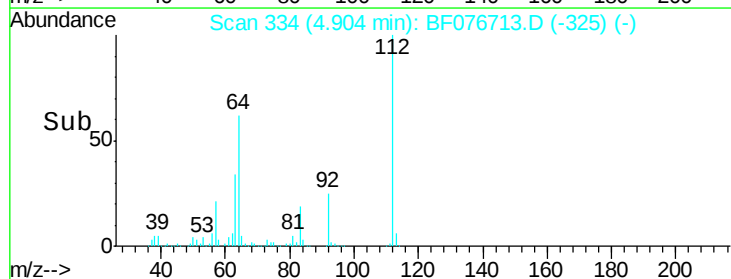
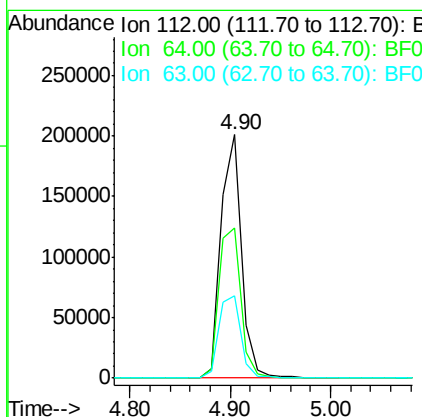
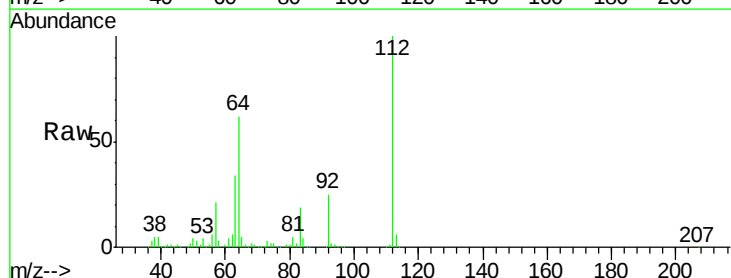
Tot Ion:152 Resp: 34366
Ion Ratio Lower Upper
152 100
150 158.1 125.2 187.8
115 52.2 51.4 77.0

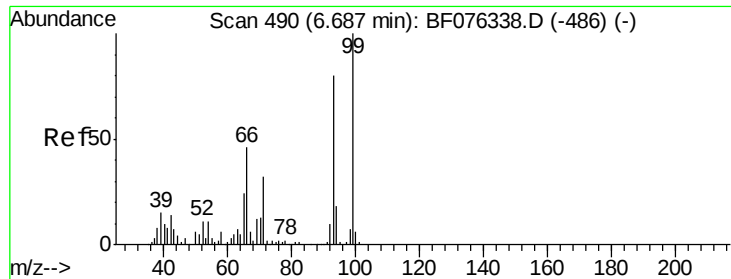


#5

2-Fluorophenol
Concen: 141.43 ng
RT: 4.90 min Scan# 334
Delta R.T. 0.00 min
Lab File: BF076713.D
Acq: 31 Dec 2014 20:47

Tgt Ion:112 Resp: 286698
Ion Ratio Lower Upper
112 100
64 61.9 47.4 71.0
63 33.8 25.0 37.4





#7

Phenol-d6

Concen: 152.74 ng

RT: 6.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF076713.D

Acq: 31 Dec 2014 20:47

Instrument :

BNA_F

ClientSampleId :

PB81154TB

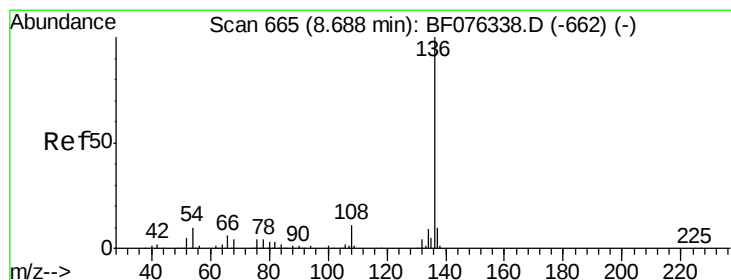
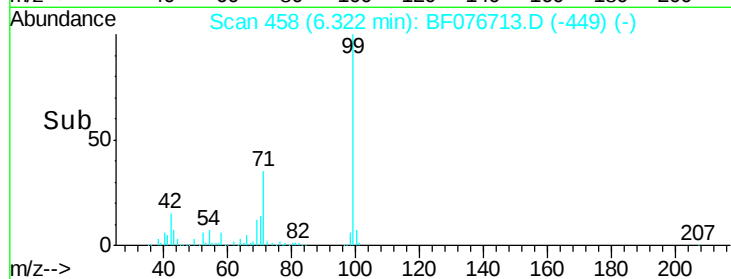
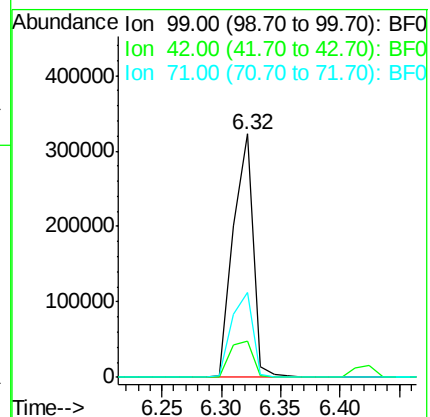
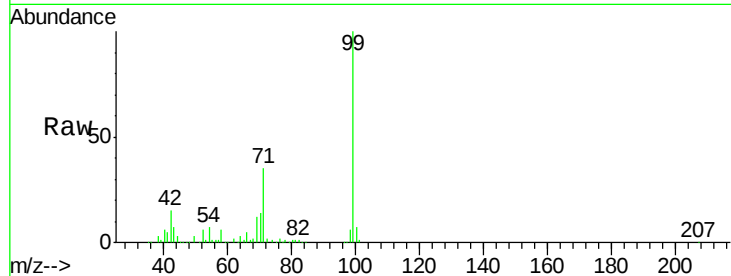
Tot Ion: 99 Resp: 378153

Ion Ratio Lower Upper

99 100

42 15.0 11.6 17.4

71 34.7 25.9 38.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF076713.D

Acq: 31 Dec 2014 20:47

Tgt Ion: 136 Resp: 151518

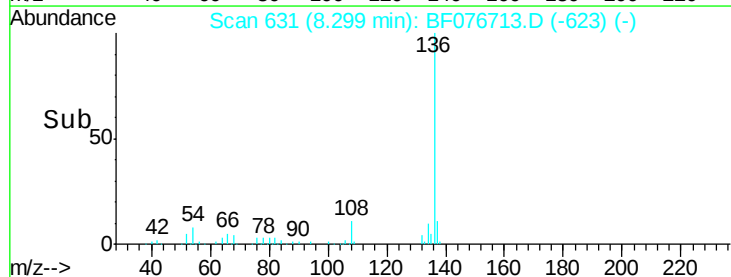
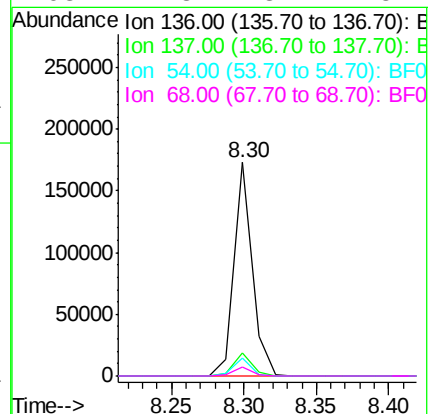
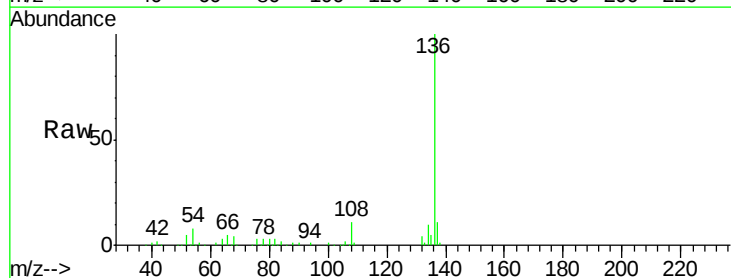
Ion Ratio Lower Upper

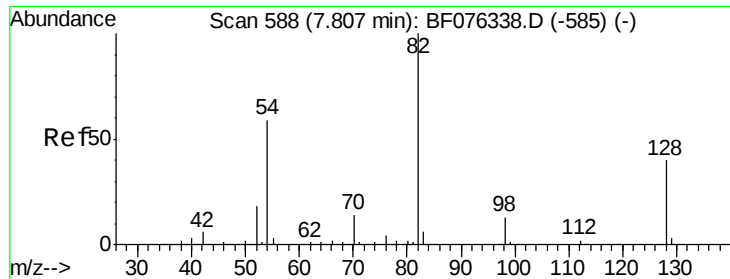
136 100

137 11.0 8.4 12.6

54 8.4 7.8 11.6

68 4.3 3.4 5.2

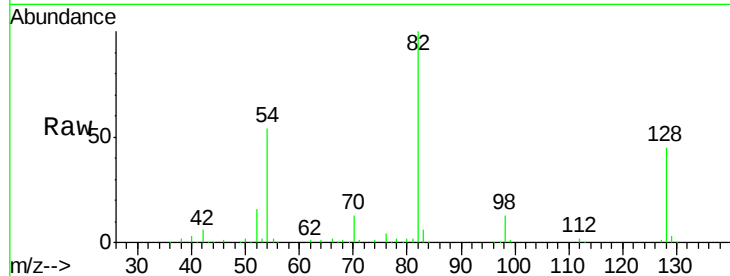




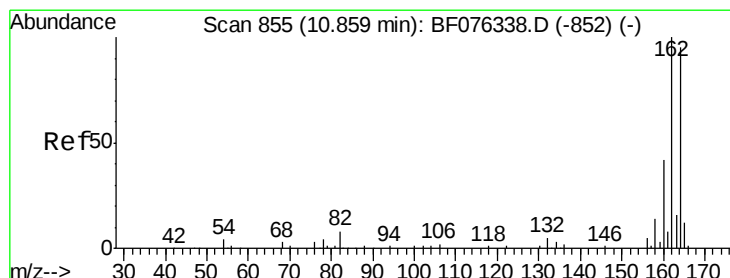
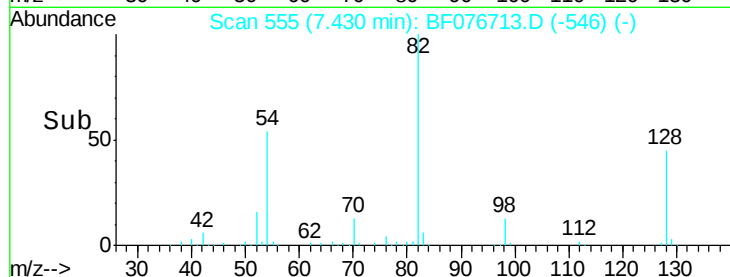
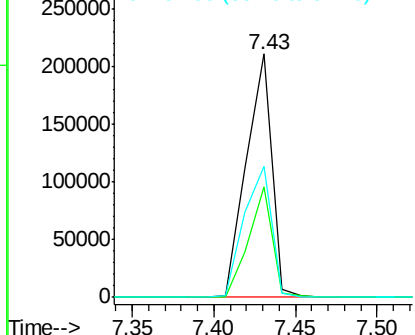
#23
 Nitrobenzene-d5
 Concen: 89.70 ng
 RT: 7.43 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF076713.D
 Acq: 31 Dec 2014 20:47

Instrument :
 BNA_F
 ClientSampled :
 PB81154TB

Tot Ion: 82 Resp: 228534
 Ion Ratio Lower Upper
 82 100
 128 45.3 31.9 47.9
 54 53.8 47.2 70.8

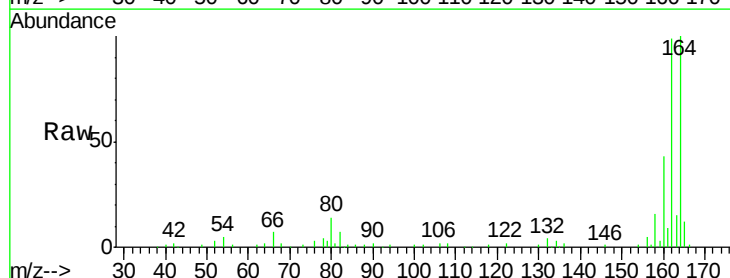


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

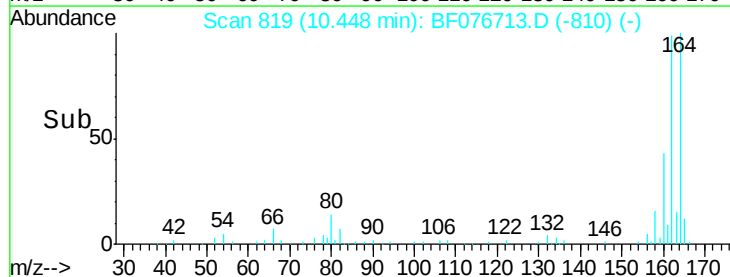
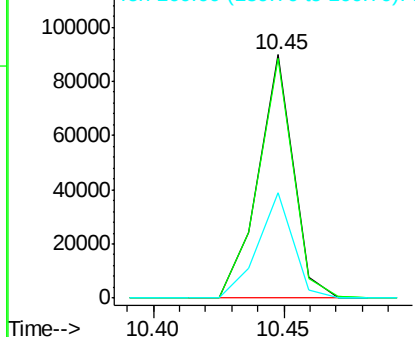


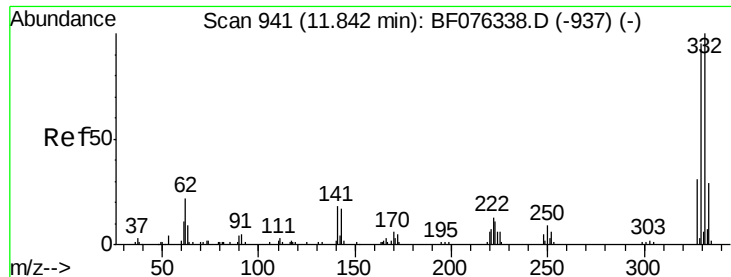
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF076713.D
 Acq: 31 Dec 2014 20:47

Tgt Ion:164 Resp: 83402
 Ion Ratio Lower Upper
 164 100
 162 98.7 84.2 126.2
 160 43.1 35.5 53.3



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

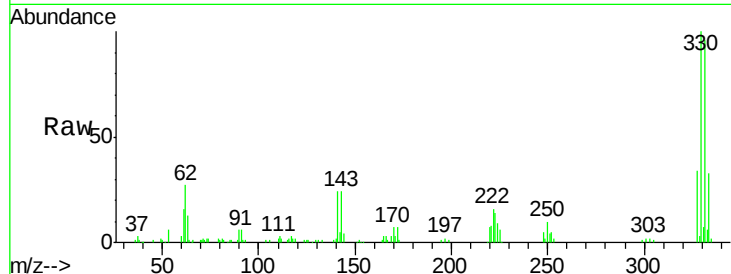




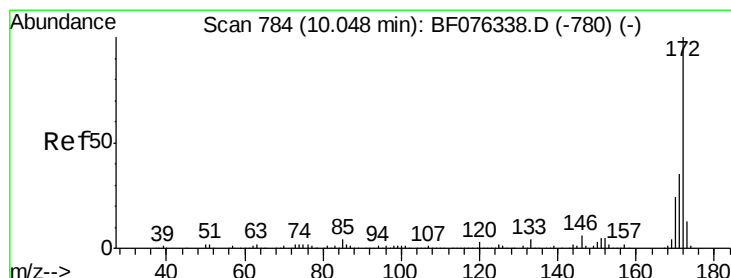
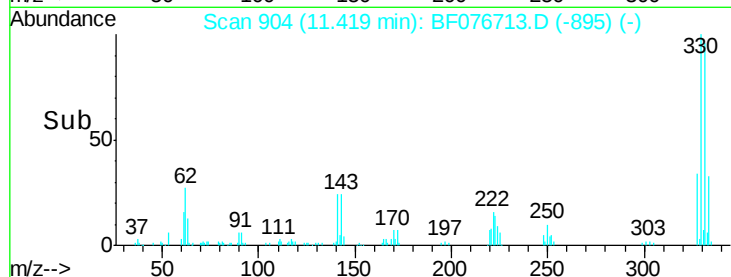
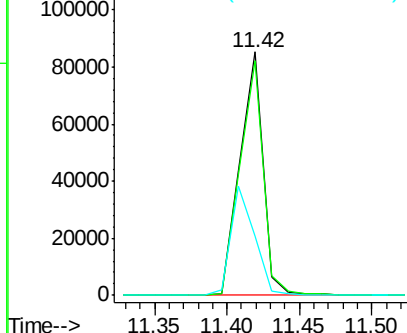
#41
 2,4,6-Tribromophenol
 Concen: 135.08 ng
 RT: 11.42 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF076713.D
 Acq: 31 Dec 2014 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB81154TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	45.1	0.0	0.0#

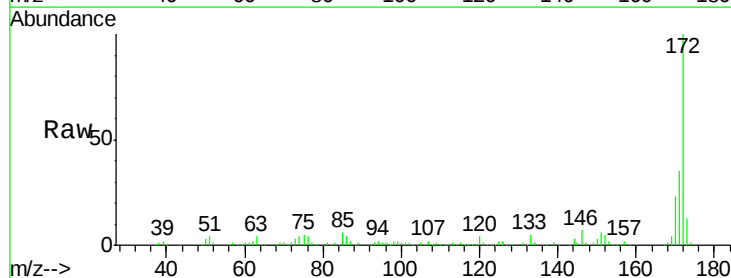


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

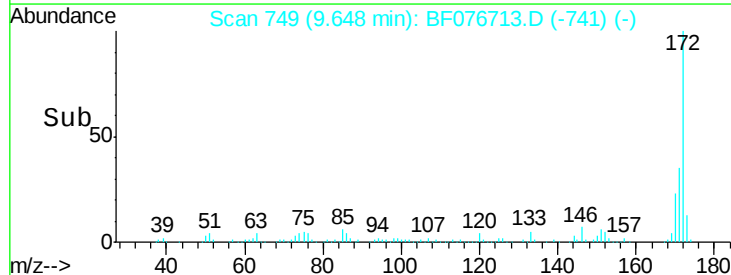
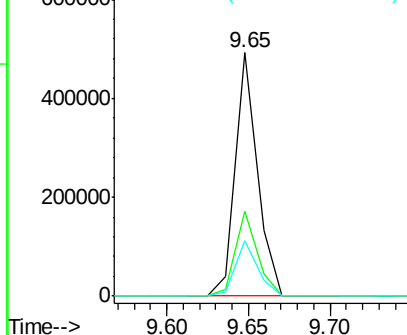


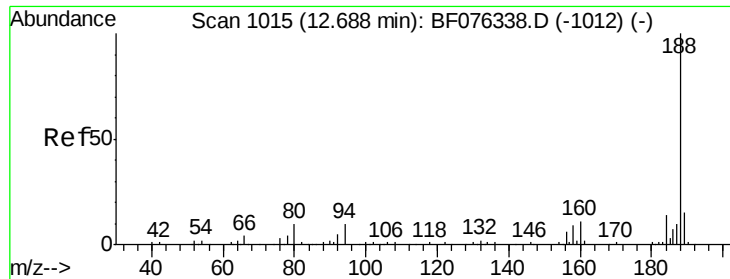
#44
 2-Fluorobiphenyl
 Concen: 85.43 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF076713.D
 Acq: 31 Dec 2014 20:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	22.9	19.0	28.4



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

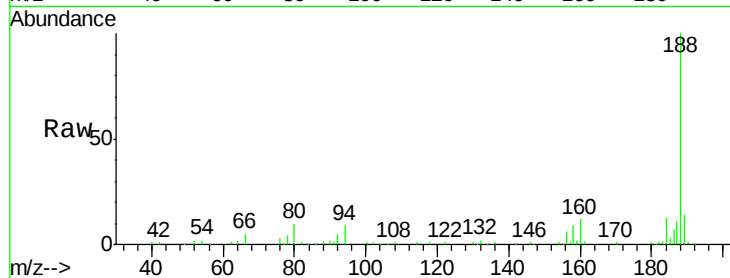




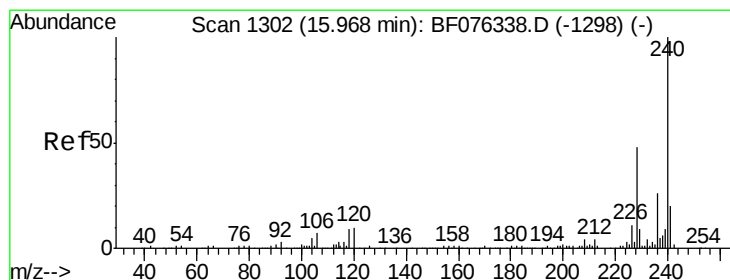
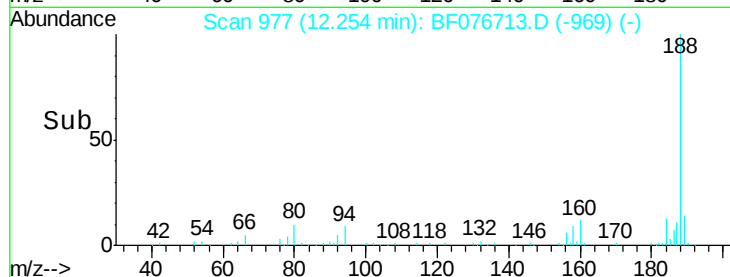
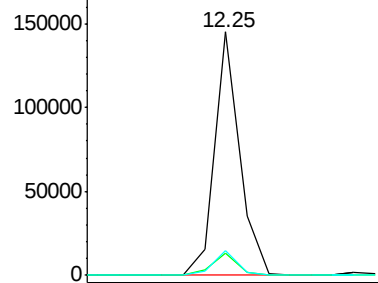
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.25 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF076713.D
Acq: 31 Dec 2014 20:47

Instrument :
BNA_F
ClientSampleId :
PB81154TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	9.9	8.2	12.2

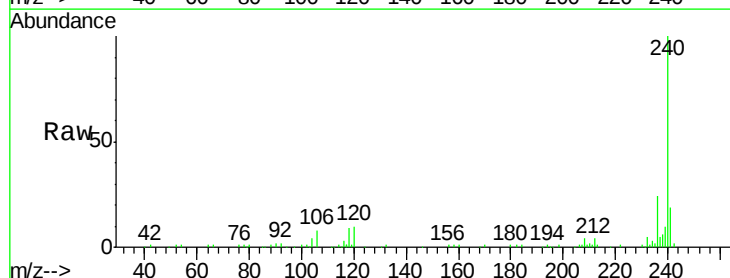


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

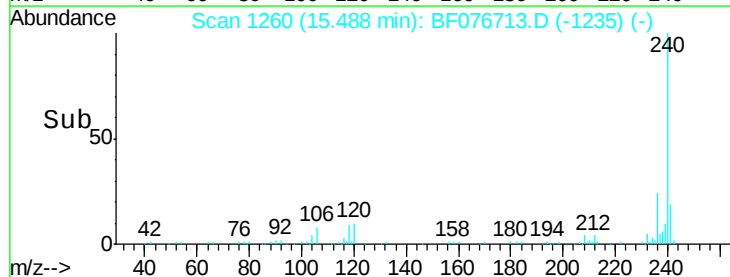
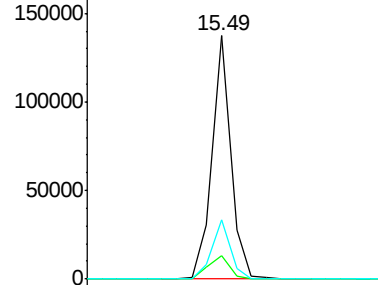


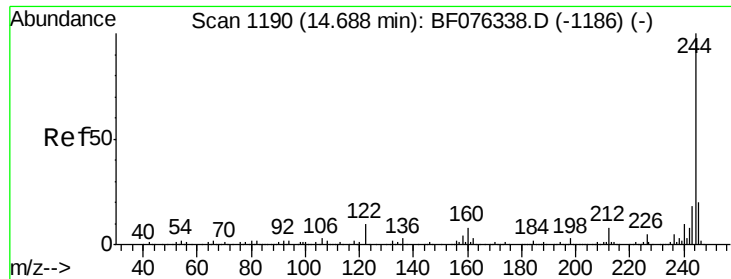
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF076713.D
Acq: 31 Dec 2014 20:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.0	12.0
236	24.2	20.6	30.8



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

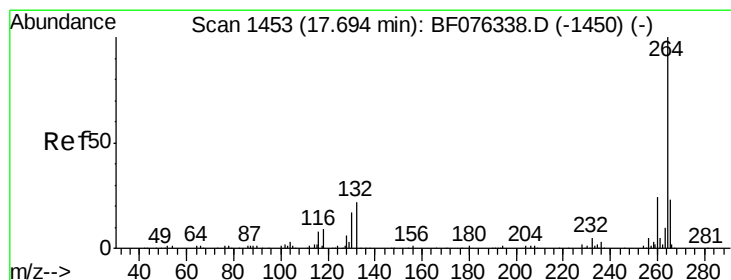
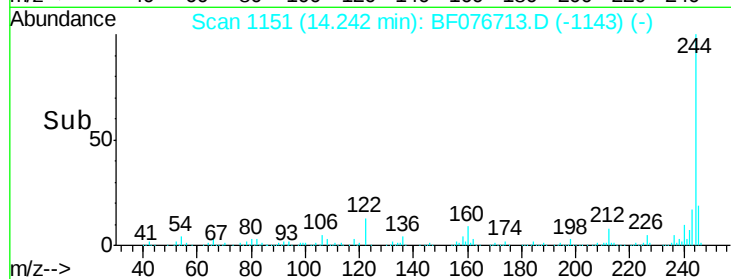
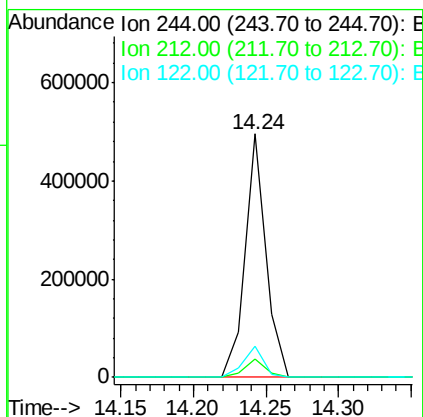
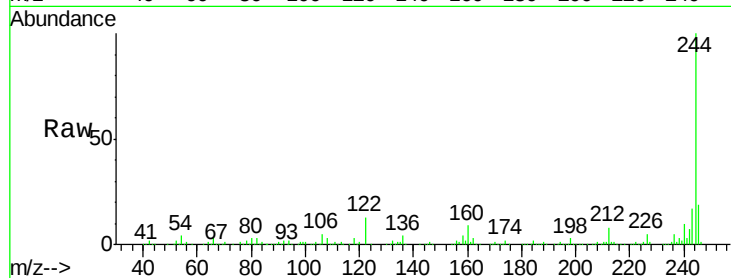




#78
 Terphenyl-d14
 Concen: 79.62 ng
 RT: 14.24 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF076713.D
 Acq: 31 Dec 2014 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB81154TB

Tot Ion:244 Resp: 492946
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.7 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.13 min Scan# 1404
 Delta R.T. -0.06 min
 Lab File: BF076713.D
 Acq: 31 Dec 2014 20:47

Tgt Ion:264 Resp: 124247
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.8 18.1 27.1

