

Data Path : Z:\HPCHEM1\BNA F\Data\BF020515\
 Data File : BF077192.D
 Acq On : 5 Feb 2015 19:23
 Operator : TP/IZ
 Sample : G1212-01
 Misc : S
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 01:00:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 00:49:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	31706	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	125796	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	70803	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	114192	20.00	ng	0.00
75) Chrysene-d12	21.07	240	116985	20.00	ng	0.00
86) Perylene-d12	22.72	264	107962	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.70	112	147786	76.64	ng	0.01
7) Phenol-d6	7.08	99	184102	75.68	ng	-0.01
23) Nitrobenzene-d5	8.99	82	106200	46.77	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	36328	63.21	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	213578	45.91	ng	0.00
78) Terphenyl-d14	19.81	244	226303	44.53	ng	0.00

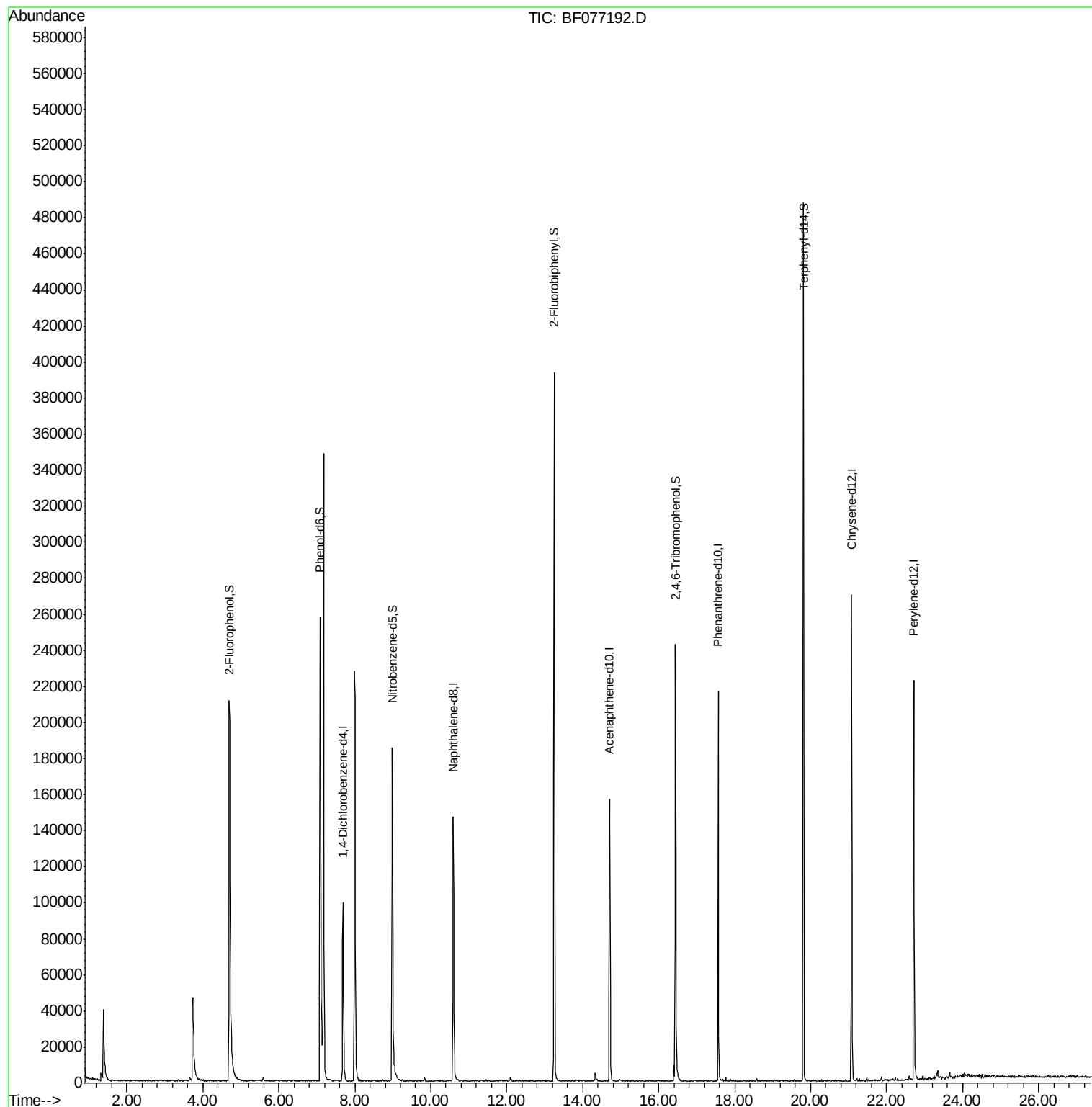
Target Compounds Qvalue

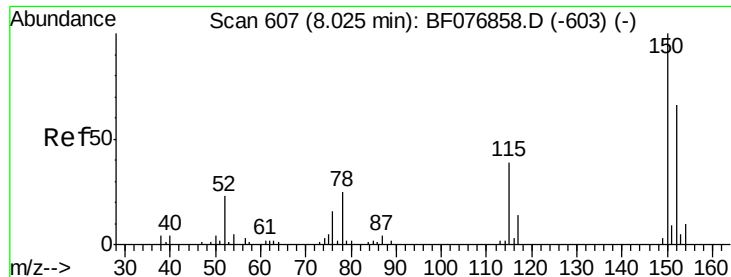
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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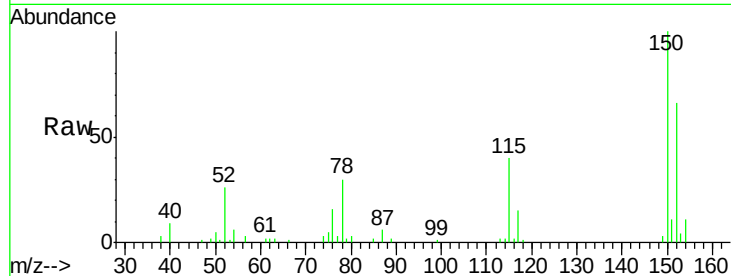


#1

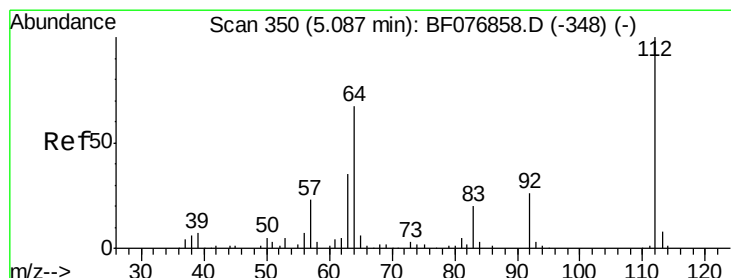
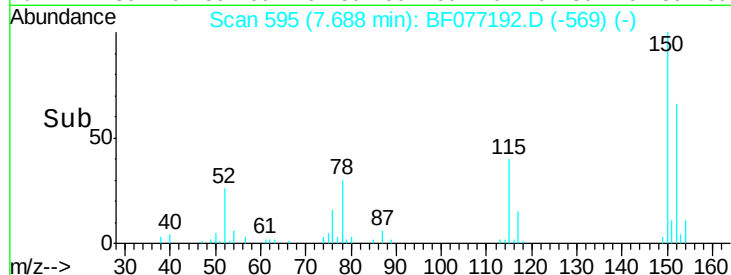
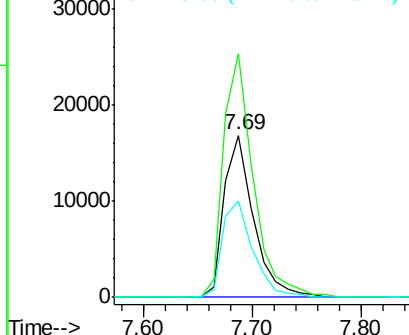
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077192.D
Acq: 5 Feb 2015 19:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 31706
Ion Ratio Lower Upper
152 100
150 150.6 121.7 182.5
115 59.7 47.0 70.6



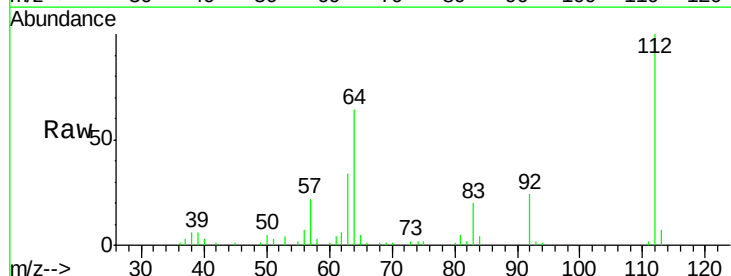
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



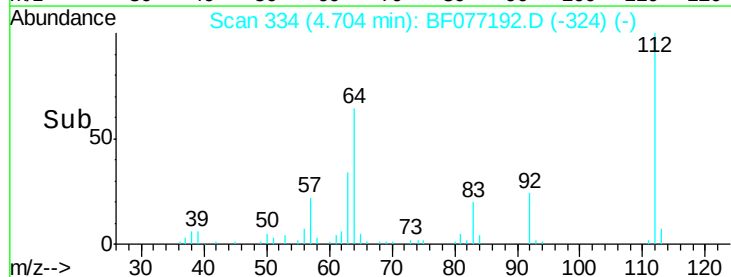
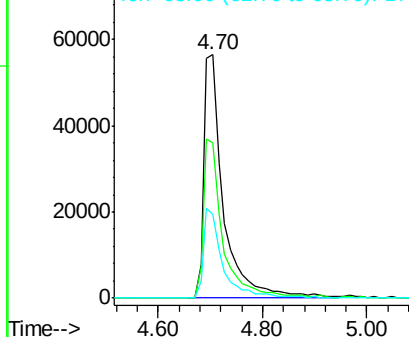
#5

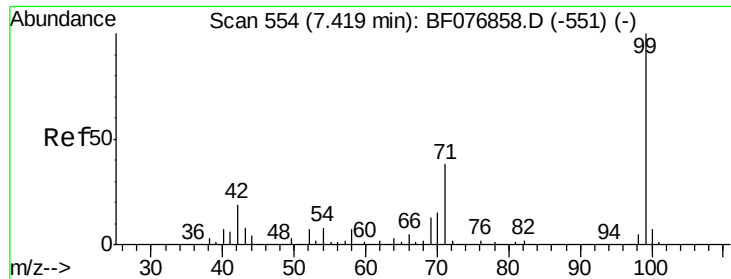
2-Fluorophenol
Concen: 76.64 ng
RT: 4.70 min Scan# 334
Delta R.T. 0.01 min
Lab File: BF077192.D
Acq: 5 Feb 2015 19:23

Tgt Ion:112 Resp: 147786
Ion Ratio Lower Upper
112 100
64 63.7 54.2 81.4
63 34.1 28.4 42.6



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: 75.68 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF077192.D

Acq: 5 Feb 2015 19:23

Instrument :

BNA_F

ClientSampleId :

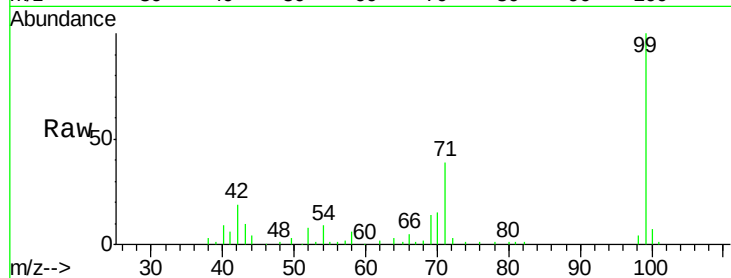
Tot Ion: 99 Resp: 184102

Ion Ratio Lower Upper

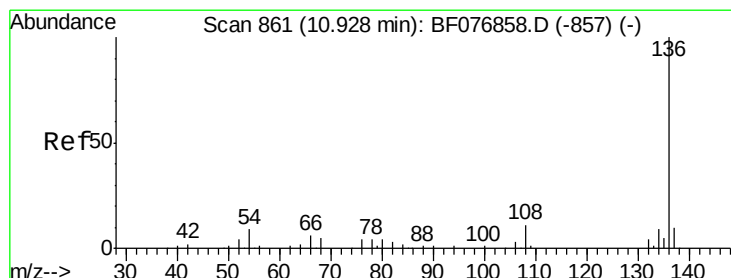
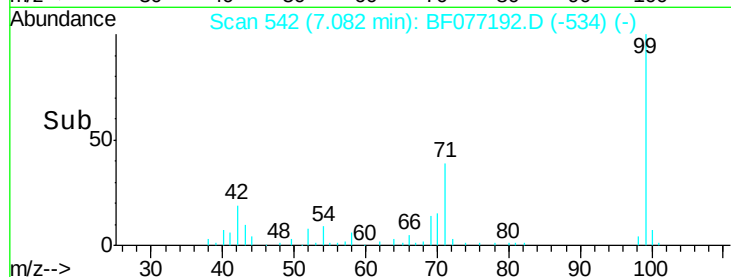
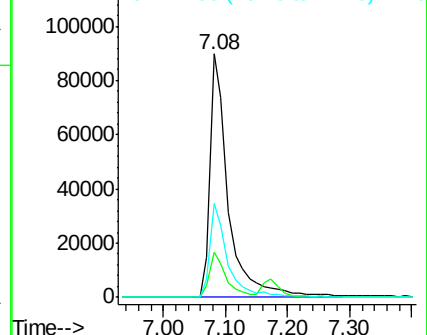
99 100

42 18.8 15.0 22.4

71 38.7 30.5 45.7



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: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF077192.D

Acq: 5 Feb 2015 19:23

Tgt Ion: 136 Resp: 125796

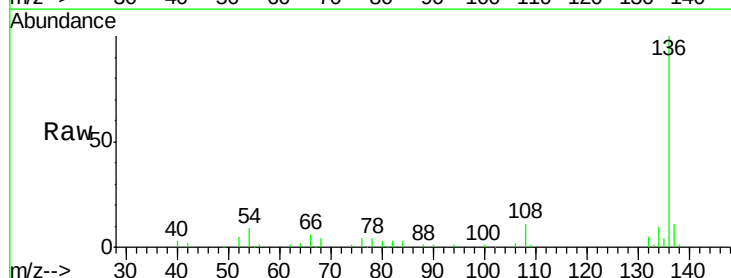
Ion Ratio Lower Upper

136 100

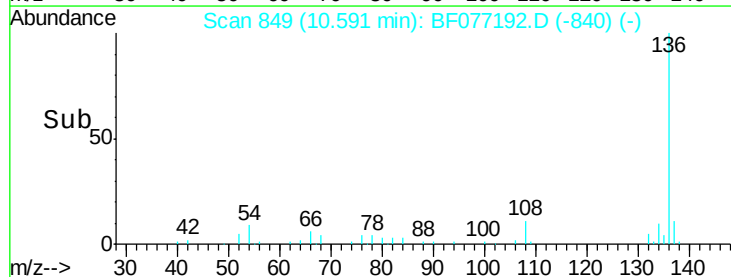
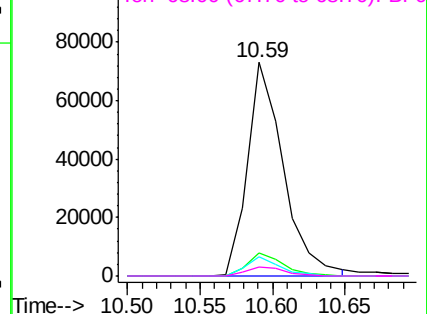
137 10.6 8.1 12.1

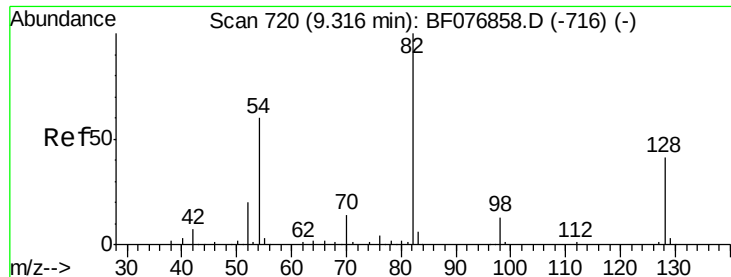
54 8.9 7.0 10.4

68 4.2 3.7 5.5



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

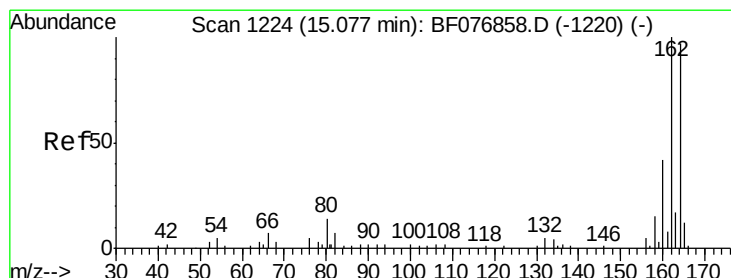
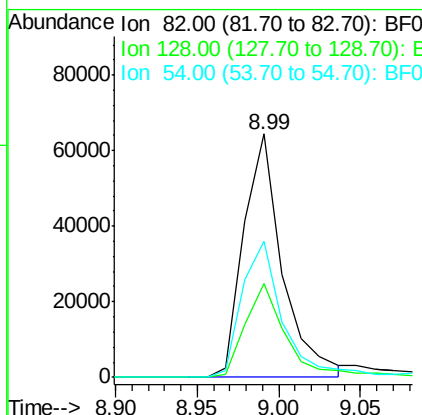
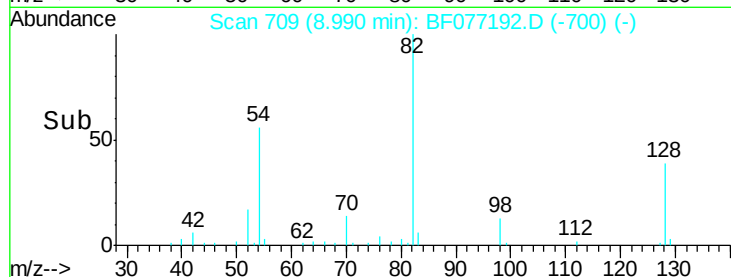
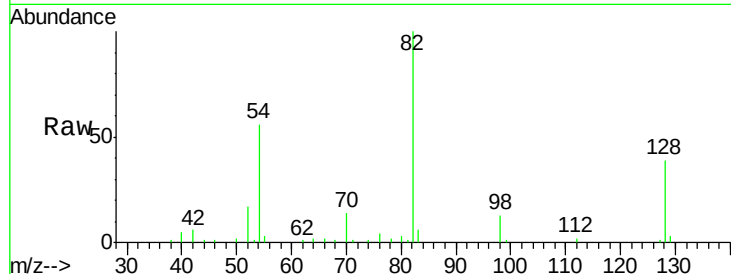




#23
 Nitrobenzene-d5
 Concen: 46.77 ng
 RT: 8.99 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF077192.D
 Acq: 5 Feb 2015 19:23

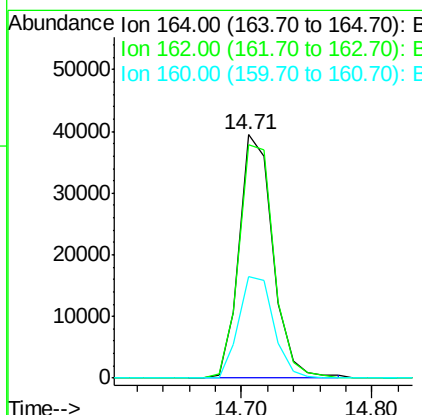
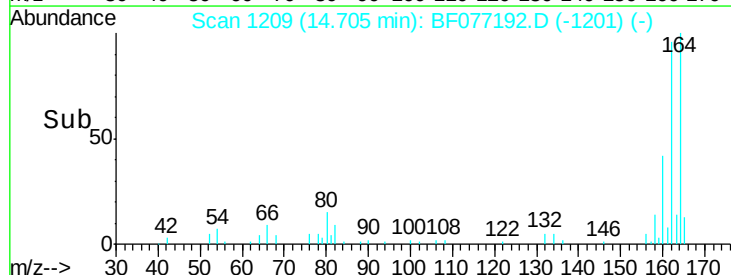
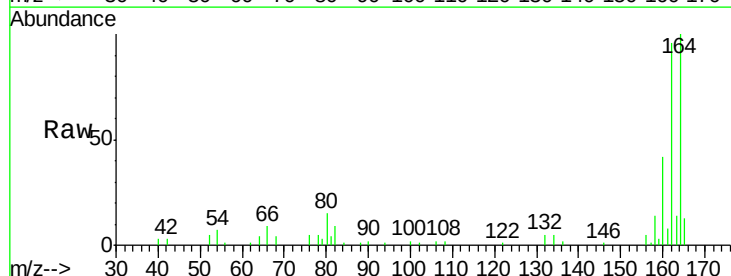
Instrument :
 BNA_F
 ClientSampleId :

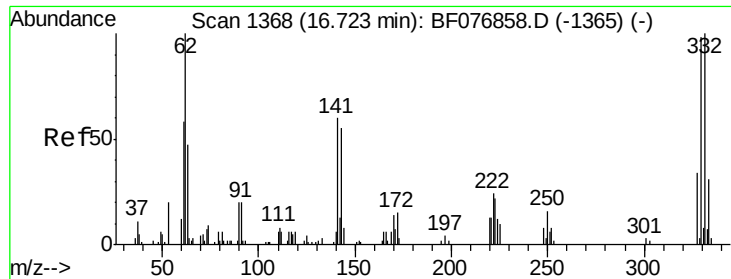
Tot Ion	82	Resp	106200
Ion Ratio	Lower	Upper	
82	100		
128	38.7	33.1	49.7
54	55.9	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF077192.D
 Acq: 5 Feb 2015 19:23

Tgt Ion	164	Resp	70803
Ion Ratio	Lower	Upper	
164	100		
162	96.0	82.4	123.6
160	41.5	34.8	52.2

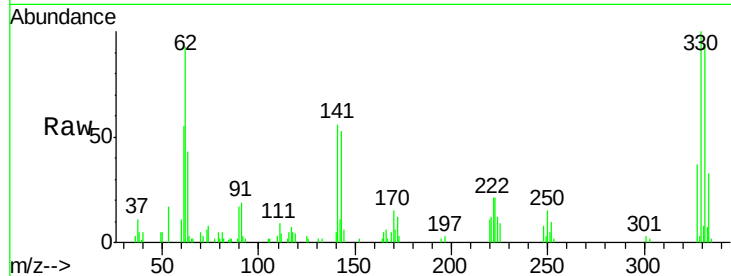




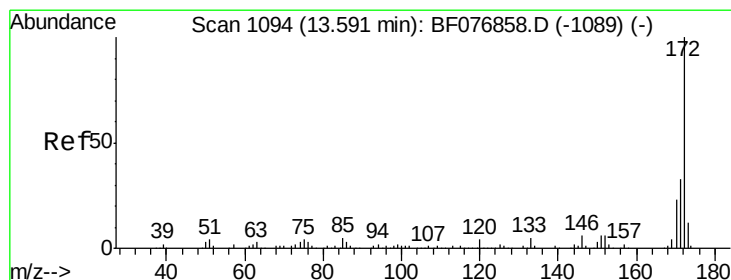
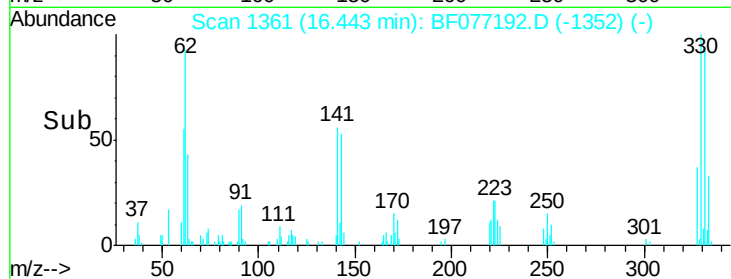
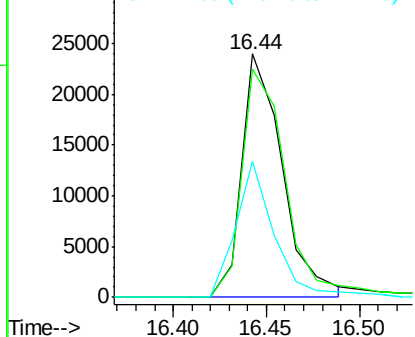
#41
 2,4,6-Tribromophenol
 Concen: 63.21 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF077192.D
 Acq: 5 Feb 2015 19:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 36328
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.8 116.6
 141 52.8 38.5 57.7

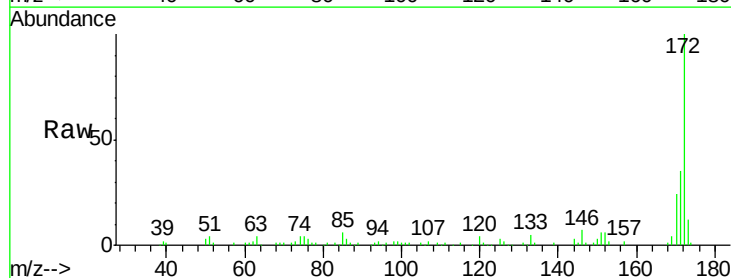


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

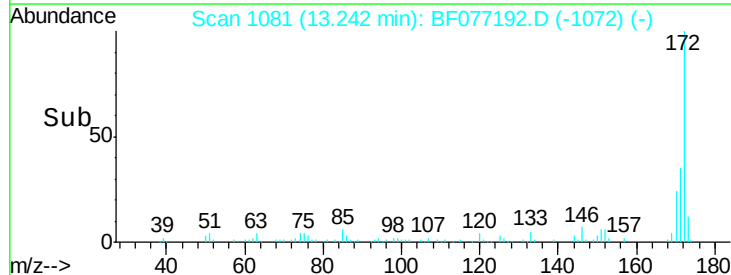
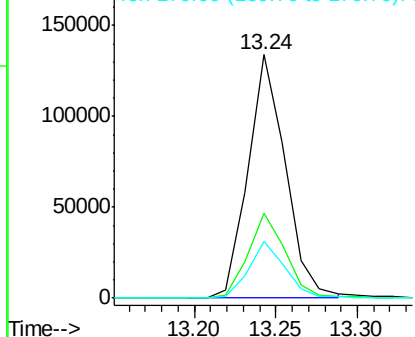


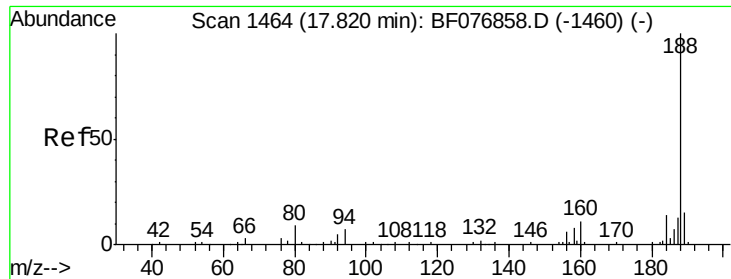
#44
 2-Fluorobiphenyl
 Concen: 45.91 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF077192.D
 Acq: 5 Feb 2015 19:23

Tgt Ion:172 Resp: 213578
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.6 40.0
 170 23.5 18.0 27.0



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

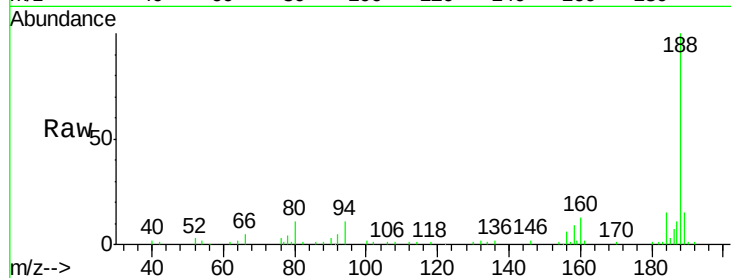




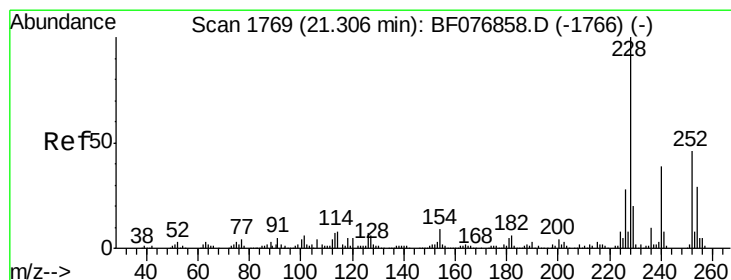
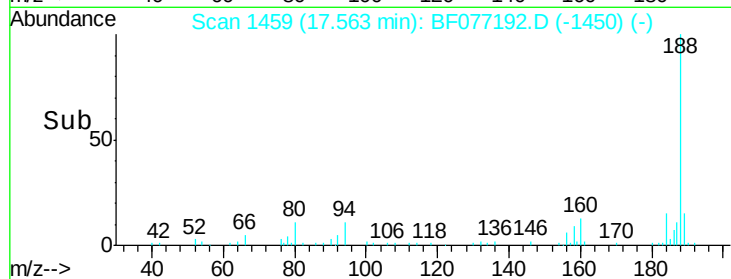
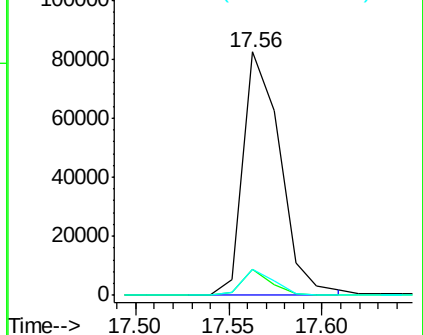
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BF077192.D
Acq: 5 Feb 2015 19:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 114192
Ion Ratio Lower Upper
188 100
94 10.6 6.0 9.0#
80 10.8 6.9 10.3#

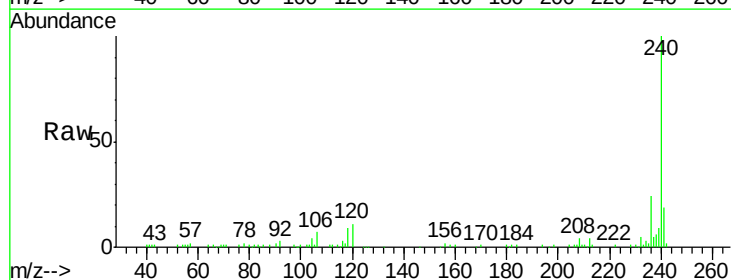


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

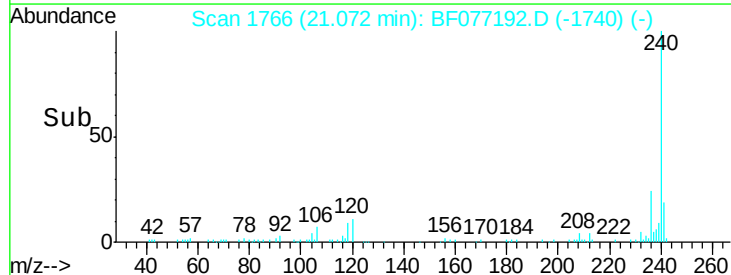
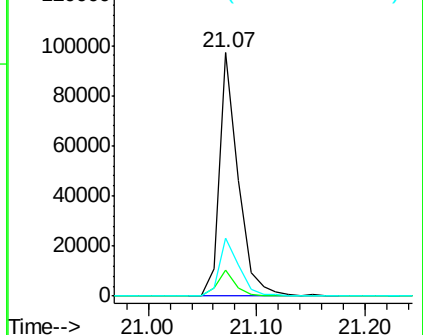


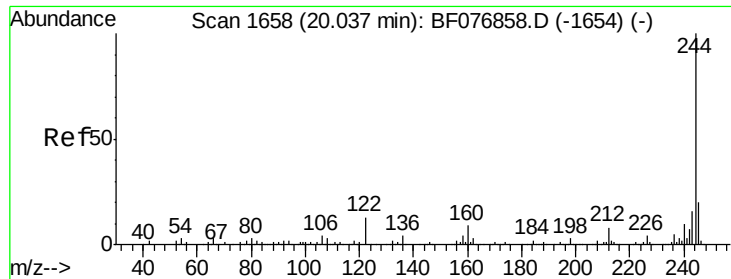
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.07 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF077192.D
Acq: 5 Feb 2015 19:23

Tgt Ion:240 Resp: 116985
Ion Ratio Lower Upper
240 100
120 10.8 10.4 15.6
236 24.1 20.2 30.2



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

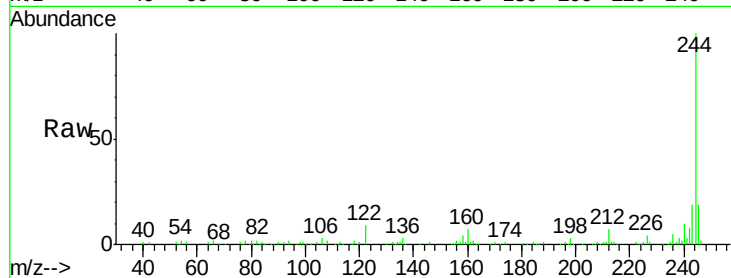




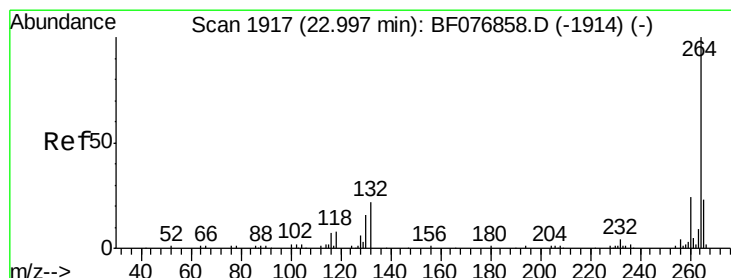
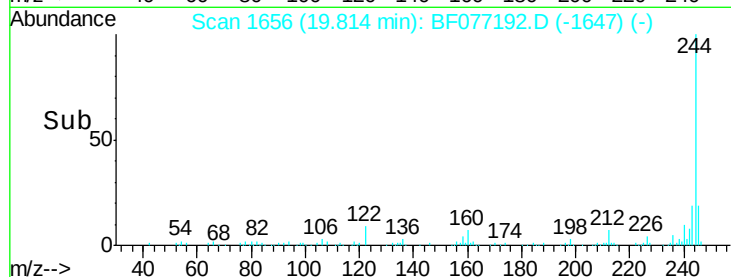
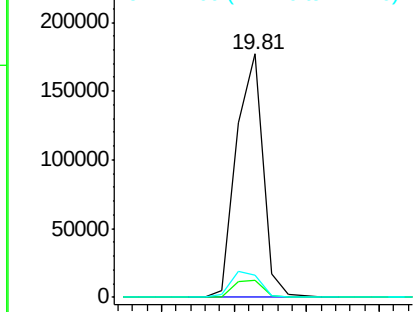
#78
 Terphenyl-d14
 Concen: 44.53 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF077192.D
 Acq: 5 Feb 2015 19:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 226303
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.3 9.5
 122 9.3 10.1 15.1#

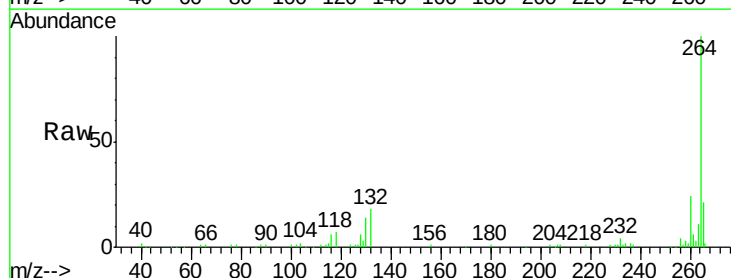


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.72 min Scan# 1910
 Delta R.T. -0.03 min
 Lab File: BF077192.D
 Acq: 5 Feb 2015 19:23

Tgt Ion:264 Resp: 107962
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.1 18.1 27.1



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

