

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078626.D
 Acq On : 18 Apr 2015 6:10
 Operator : TP/IZ
 Sample : G1868-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P5-27(0-5)

Quant Time: Apr 18 07:13:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 05:24:48 2015
 Response via : Initial Calibration

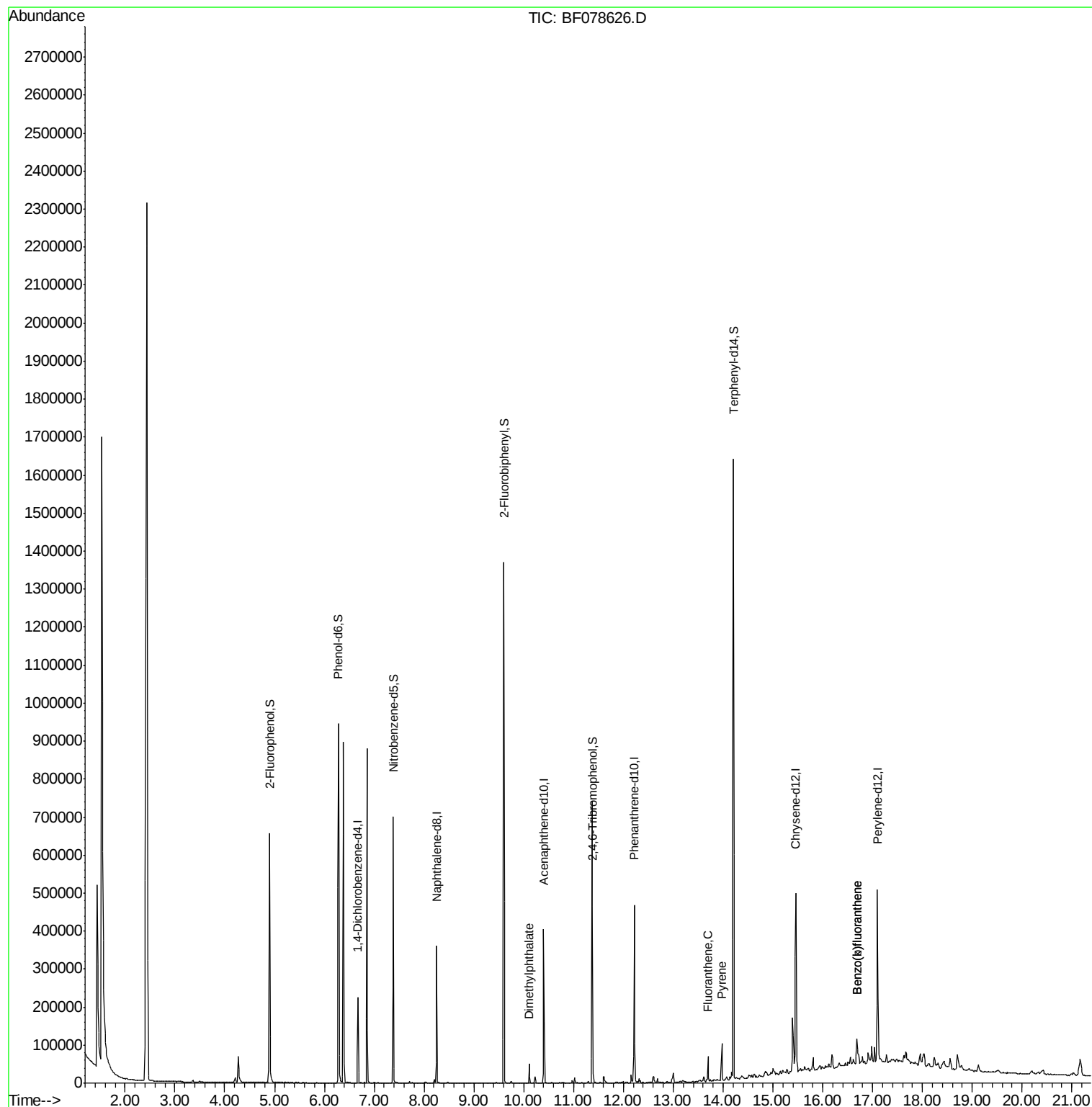
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	39145	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	168050	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	88417	20.00	ng	0.00
63) Phenanthrene-d10	12.22	188	182247	20.00	ng	0.00
75) Chrysene-d12	15.46	240	205807	20.00	ng	0.00
86) Perylene-d12	17.10	264	199065	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	300153	126.42	ng	0.01
7) Phenol-d6	6.28	99	408479	137.29	ng	0.00
23) Nitrobenzene-d5	7.38	82	241626	87.15	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	111693	152.32	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	472615	76.41	ng	0.00
78) Terphenyl-d14	14.21	244	629003	69.06	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.11	163	23873	3.59	ng	99
74) Fluoranthene	13.70	202	29613	2.66	ng	95
77) Pyrene	13.98	202	47237	3.66	ng	99
87) Benzo(b)fluoranthene	16.69	252	46199	3.76	ng	# 95
88) Benzo(k)fluoranthene	16.69	252	46729	4.27	ng	99

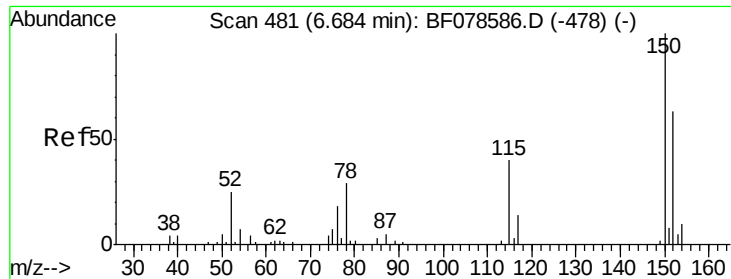
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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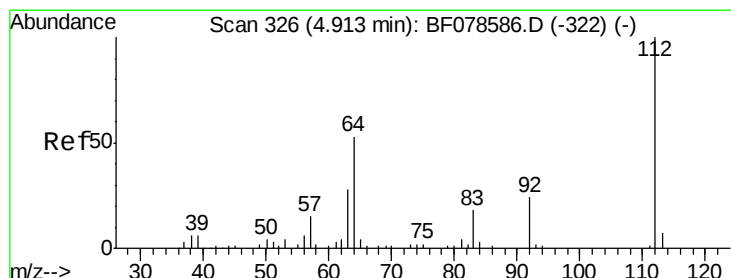
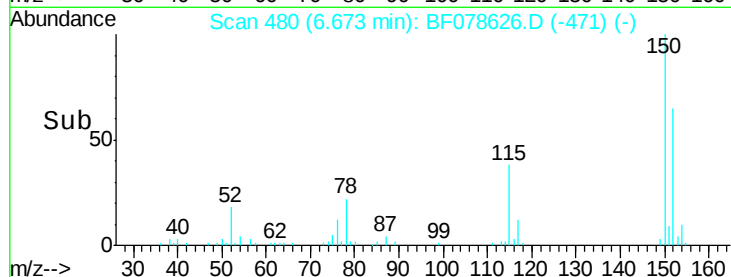
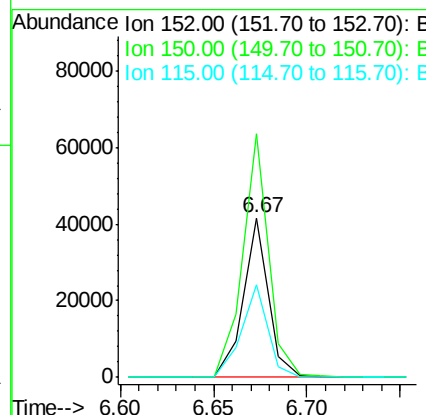
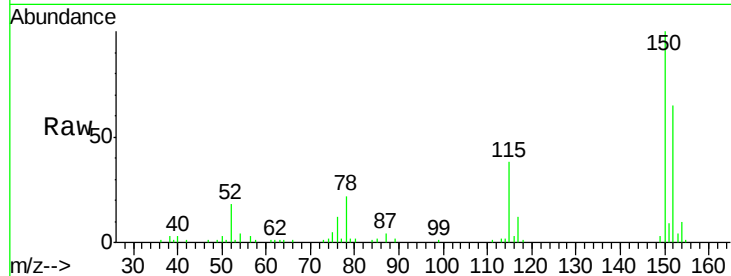




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: BF078626.D
 Acq: 18 Apr 2015 6:10

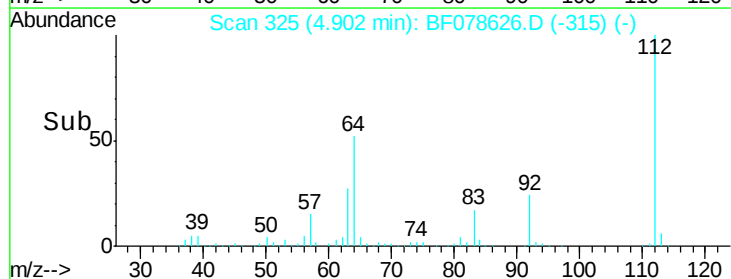
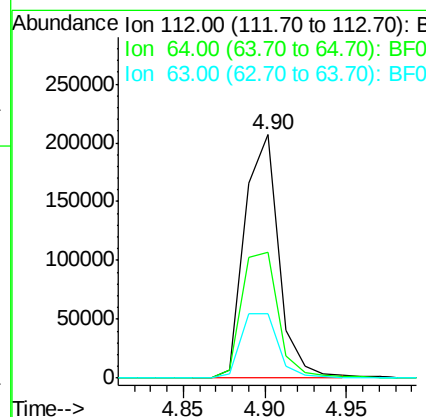
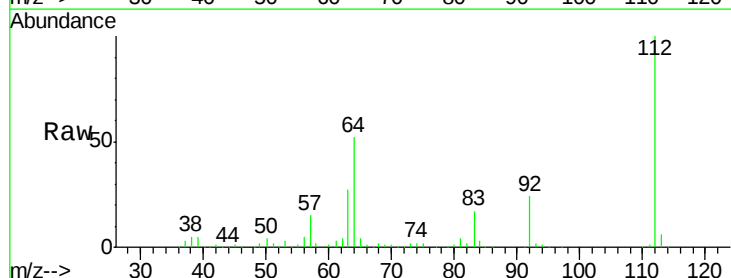
Instrument :
 BNA_F
 ClientSampleId :
 P5-27(0-5)

Tgt Ion:152 Resp: 39145
 Ion Ratio Lower Upper
 152 100
 150 152.9 125.9 188.9
 115 58.1 52.7 79.1



#5
 2-Fluorophenol
 Concen: 126.42 ng
 RT: 4.90 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: BF078626.D
 Acq: 18 Apr 2015 6:10

Tgt Ion:112 Resp: 300153
 Ion Ratio Lower Upper
 112 100
 64 51.6 39.9 59.9
 63 26.7 20.2 30.4





#7

Phenol-d6

Concen: 137.29 ng

RT: 6.28 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF078626.D

Acq: 18 Apr 2015 6:10

Instrument :

BNA_F

ClientSampleId :

P5-27(0-5)

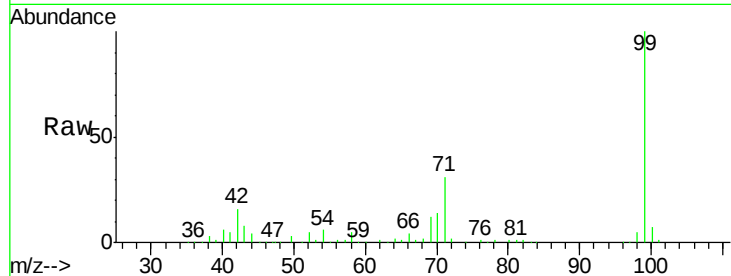
Tgt Ion: 99 Resp: 408479

Ion Ratio Lower Upper

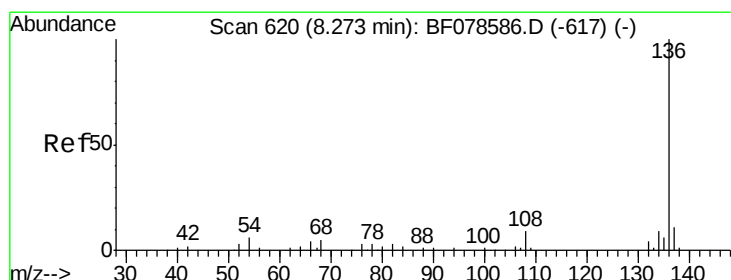
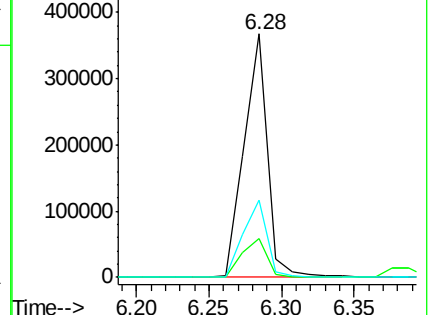
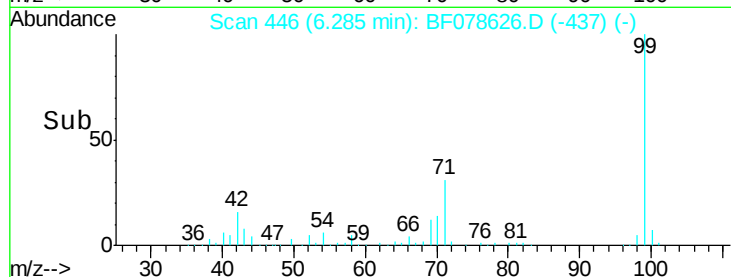
99 100

42 15.7 14.8 22.2

71 31.5 26.6 39.8



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: 8.25 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF078626.D

Acq: 18 Apr 2015 6:10

Tgt Ion: 136 Resp: 168050

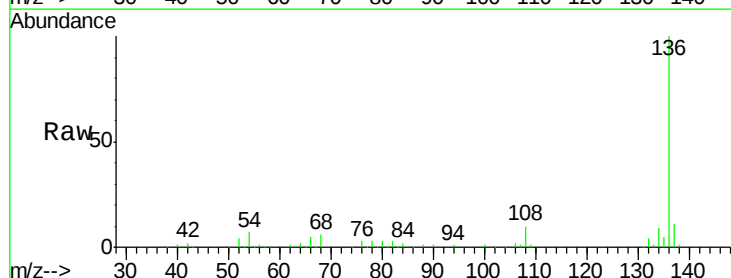
Ion Ratio Lower Upper

136 100

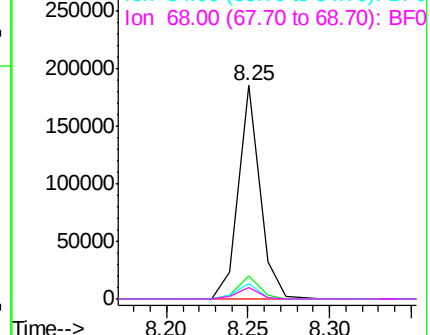
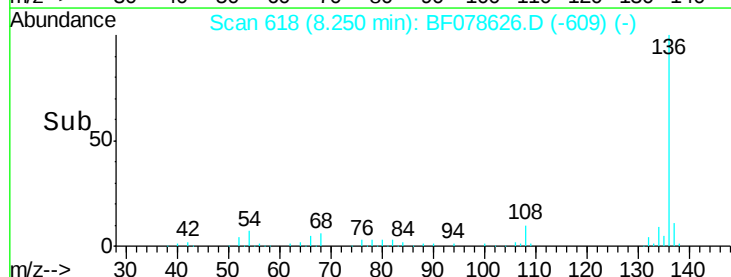
137 10.8 9.0 13.4

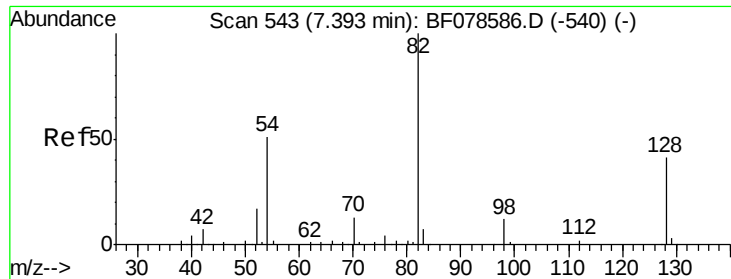
54 7.2 7.0 10.6

68 5.5 5.4 8.2



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

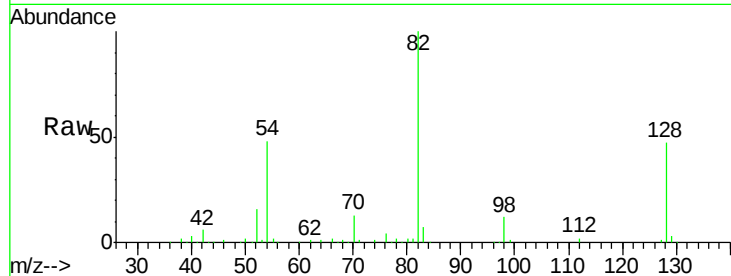




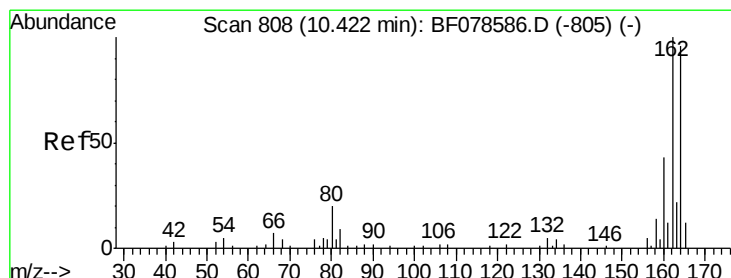
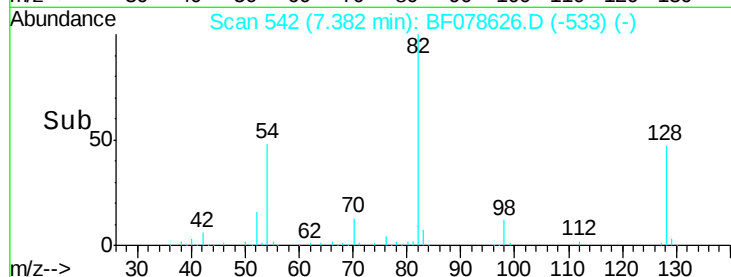
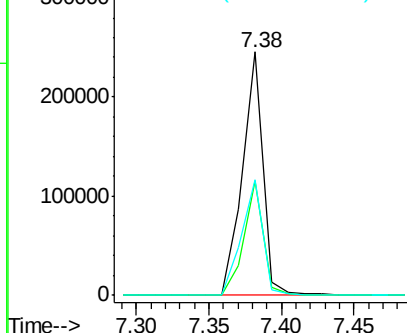
#23
 Nitrobenzene-d5
 Concen: 87.15 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078626.D
 Acq: 18 Apr 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 P5-27(0-5)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	31.8	47.8
54	47.5	41.5	62.3

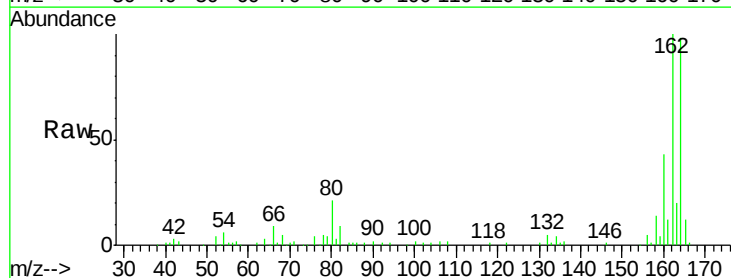


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

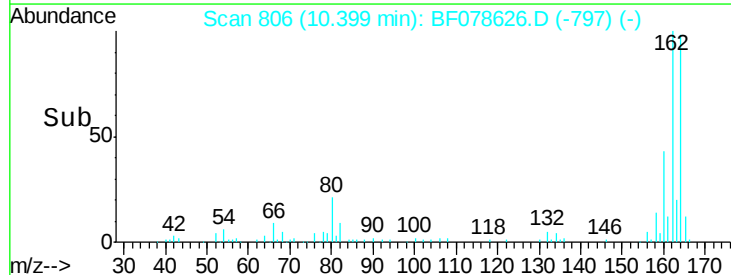
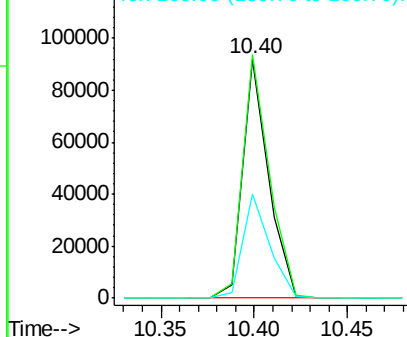


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.40 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF078626.D
 Acq: 18 Apr 2015 6:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.2	123.2
160	43.5	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

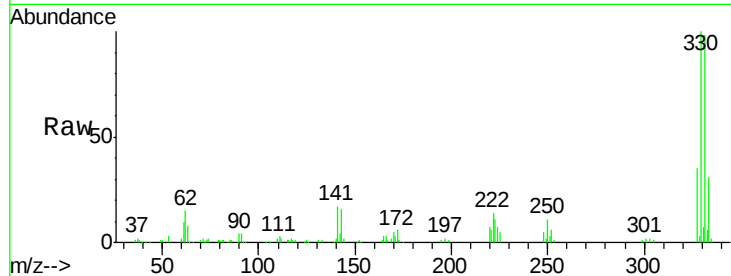




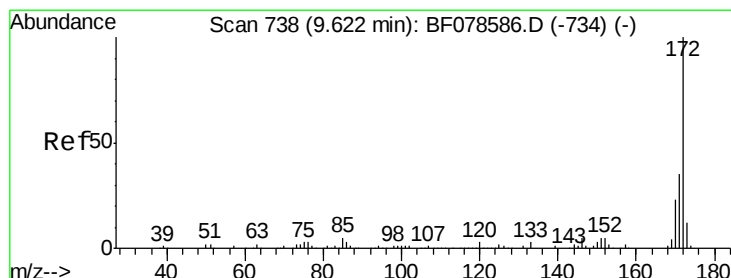
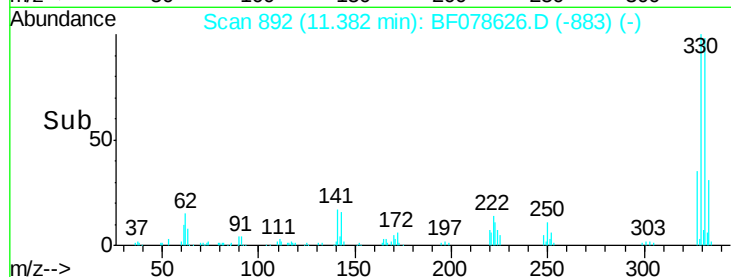
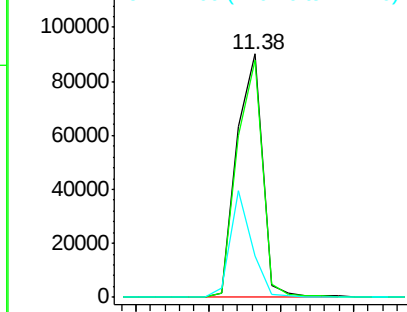
#41
 2,4,6-Tribromophenol
 Concen: 152.32 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF078626.D
 Acq: 18 Apr 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 P5-27(0-5)

Tgt Ion:330 Resp: 111693
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.6 117.8
 141 36.8 31.2 46.8

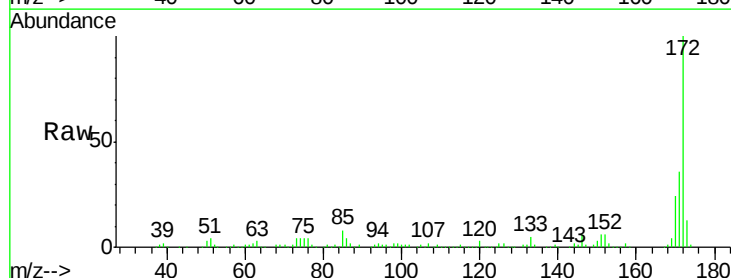


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

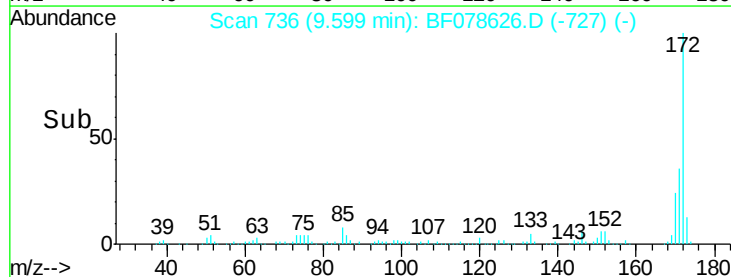
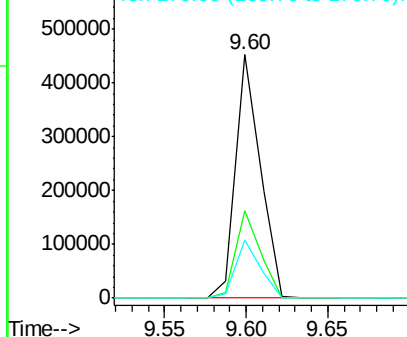


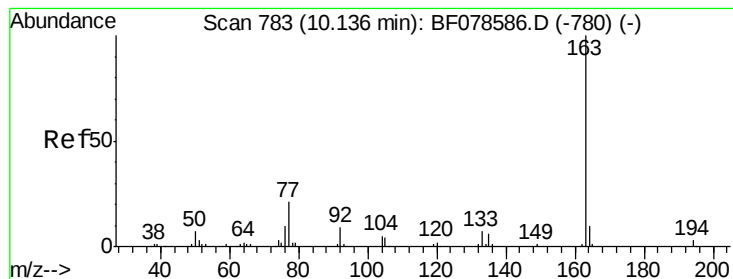
#44
 2-Fluorobiphenyl
 Concen: 76.41 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF078626.D
 Acq: 18 Apr 2015 6:10

Tgt Ion:172 Resp: 472615
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 42.8
 170 24.0 18.5 27.7



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





#49

Dimethylphthalate

Concen: 3.59 ng

RT: 10.11 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF078626.D

Acq: 18 Apr 2015 6:10

Instrument :

BNA_F

ClientSampleId :

P5-27(0-5)

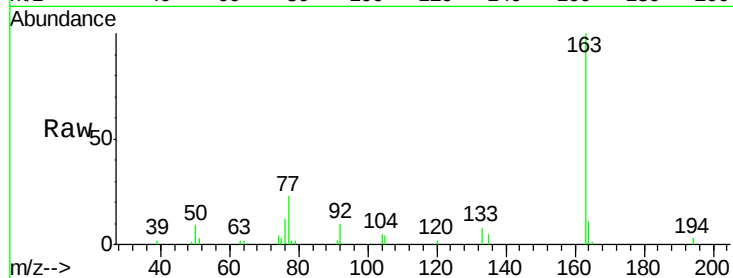
Tgt Ion:163 Resp: 23873

Ion Ratio Lower Upper

163 100

194 3.3 2.3 3.5

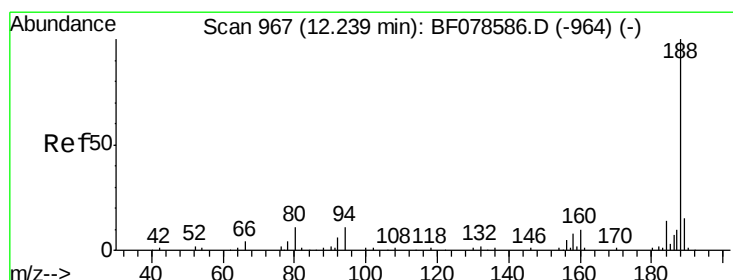
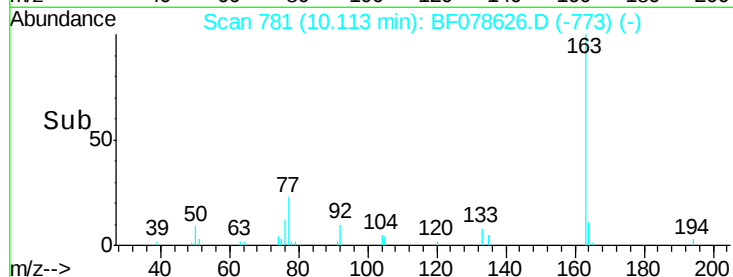
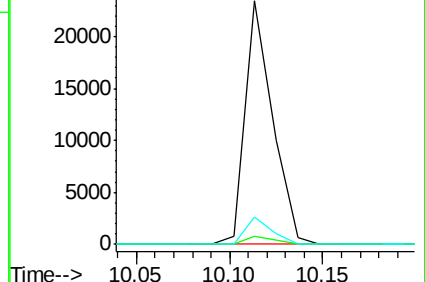
164 11.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.22 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF078626.D

Acq: 18 Apr 2015 6:10

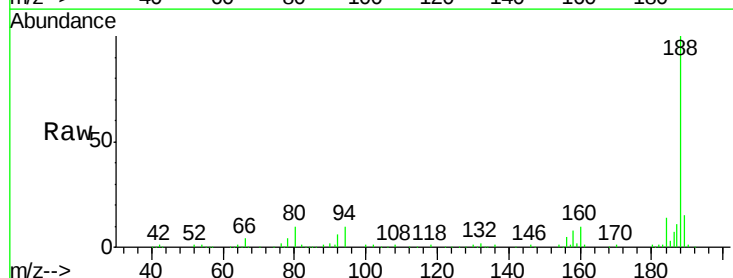
Tgt Ion:188 Resp: 182247

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

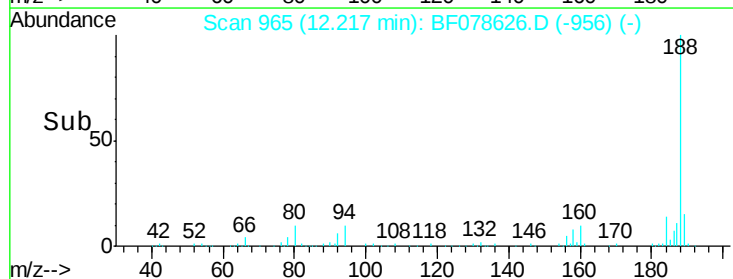
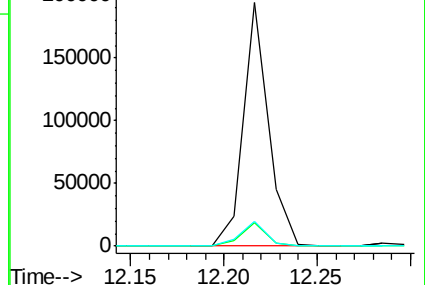
80 10.4 9.5 14.3

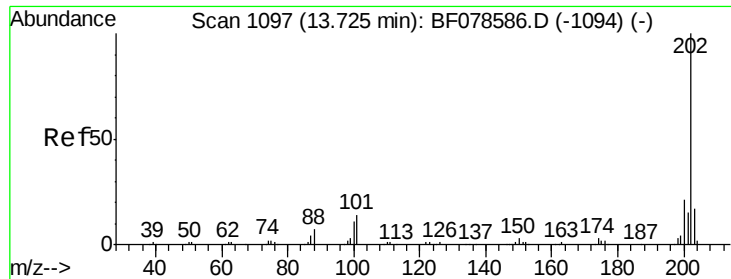


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

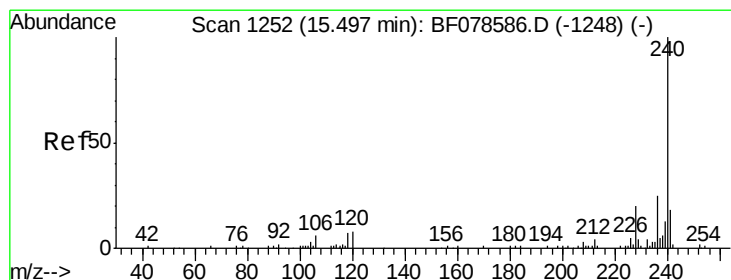
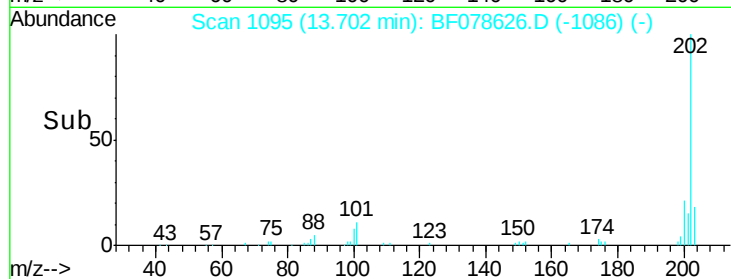
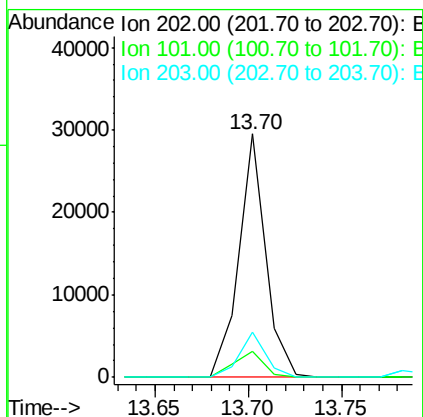
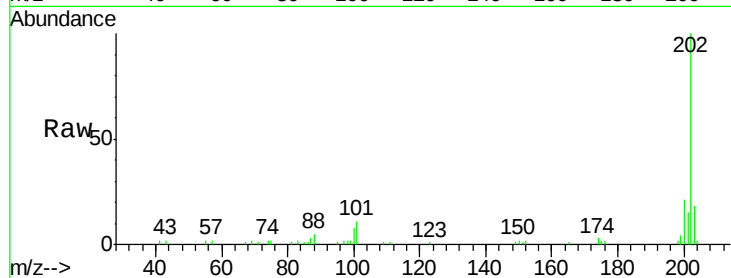




#74
 Fluoranthene
 Concen: 2.66 ng
 RT: 13.70 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF078626.D
 Acq: 18 Apr 2015 6:10

Instrument :
 BNA_F
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 P5-27(0-5)

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	35.2
203	18.5	0.0	38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF078626.D
 Acq: 18 Apr 2015 6:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.1	10.7
236	25.9	21.4	32.2

