

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
 Data File : BF078703.D
 Acq On : 22 Apr 2015 1:15
 Operator : TP/IZ
 Sample : G1949-06 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-09

Quant Time: Apr 22 03:58:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 00:52:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	26042	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	108626	20.00	ng	-0.01
38) Acenaphthene-d10	11.16	164	54319	20.00	ng	-0.01
63) Phenanthrene-d10	13.90	188	108543	20.00	ng	-0.01
75) Chrysene-d12	17.77	240	122904	20.00	ng	-0.01
86) Perylene-d12	19.44	264	119216	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	33008	20.90	ng	0.01
7) Phenol-d6	5.32	99	42184	21.31	ng	0.00
23) Nitrobenzene-d5	6.75	82	25903	14.45	ng	-0.01
41) 2,4,6-Tribromophenol	12.64	330	11219	24.90	ng	-0.01
44) 2-Fluorobiphenyl	9.99	172	59208	15.58	ng	-0.01
78) Terphenyl-d14	16.43	244	71080	13.07	ng	0.00

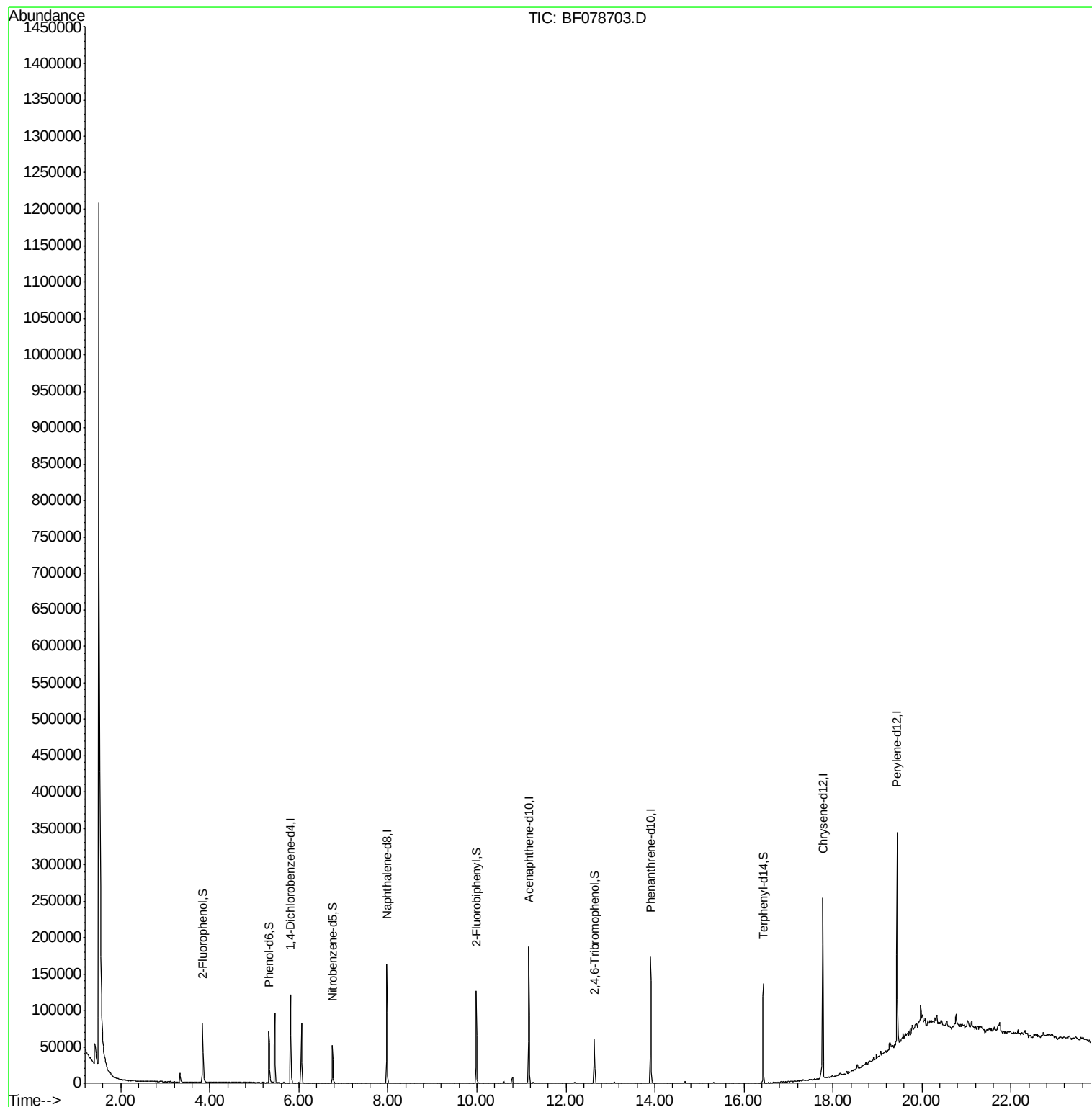
Target Compounds Qvalue

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

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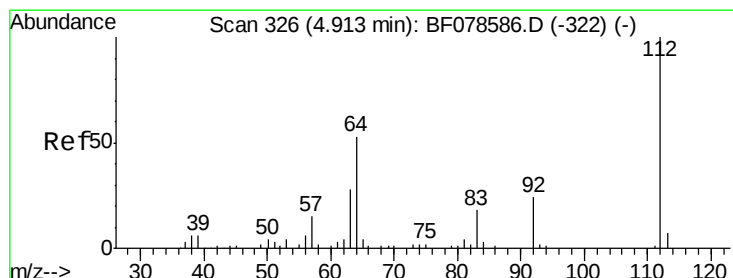
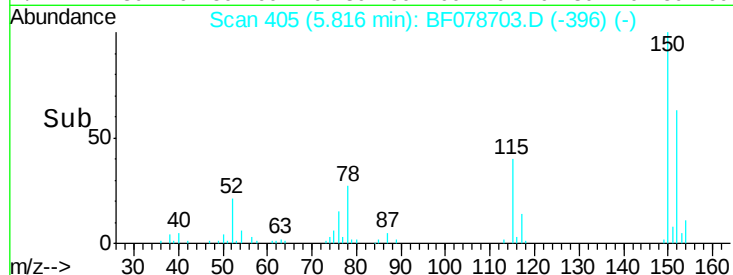
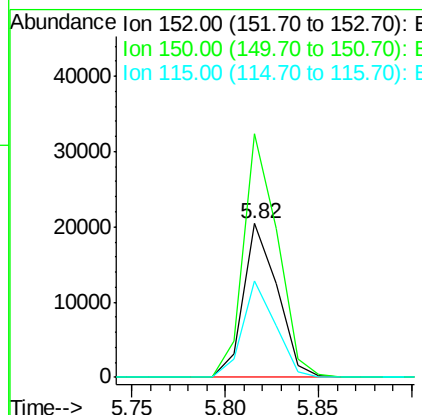
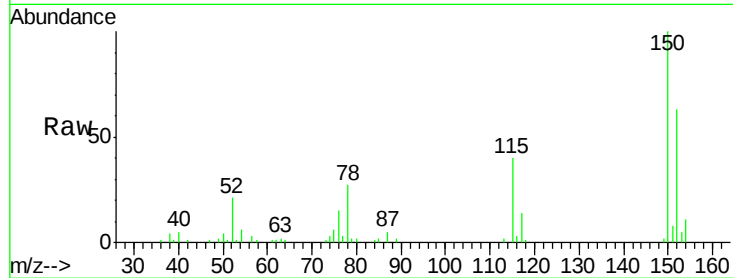




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.82 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: BF078703.D
 Acq: 22 Apr 2015 1:15

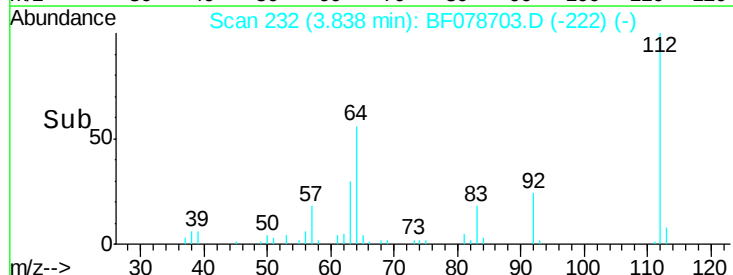
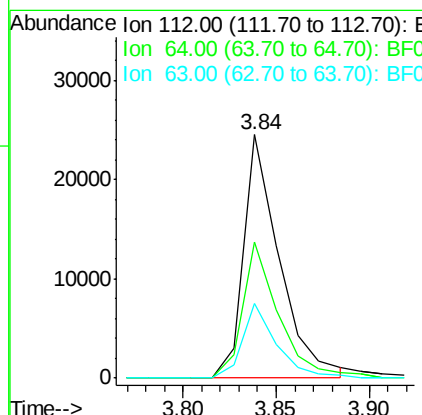
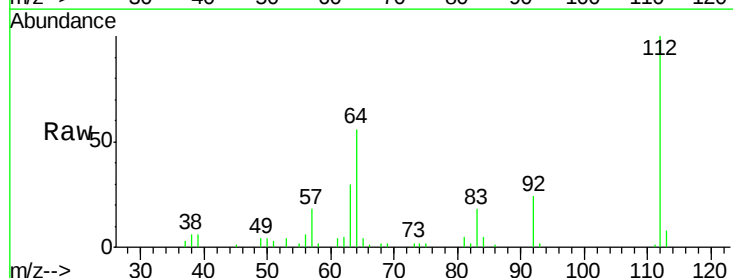
Instrument :
 BNA_F
 ClientSampleId :
 TEC-09

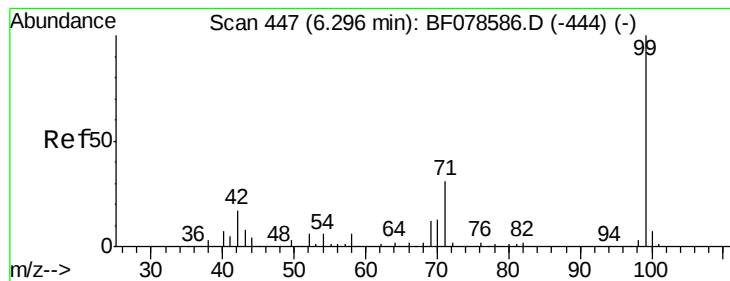
Tot Ion:152 Resp: 26042
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.9 188.9
 115 63.0 52.7 79.1



#5
 2-Fluorophenol
 Concen: 20.90 ng
 RT: 3.84 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: BF078703.D
 Acq: 22 Apr 2015 1:15

Tgt Ion:112 Resp: 33008
 Ion Ratio Lower Upper
 112 100
 64 56.0 39.9 59.9
 63 30.4 20.2 30.4#





#7

Phenol-d6

Concen: 21.31 ng

RT: 5.32 min Scan# 362

Delta R.T. -0.00 min

Lab File: BF078703.D

Acq: 22 Apr 2015 1:15

Instrument :

BNA_F

ClientSampleId :

TEC-09

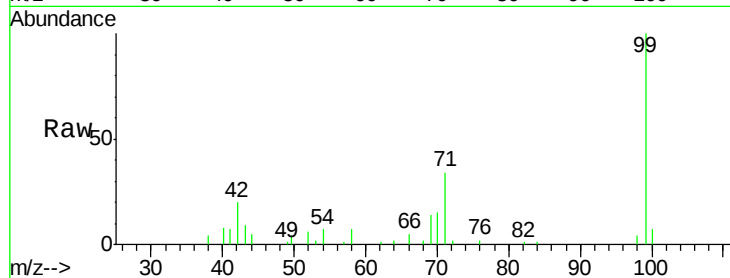
Tot Ion: 99 Resp: 42184

Ion Ratio Lower Upper

99 100

42 20.0 14.8 22.2

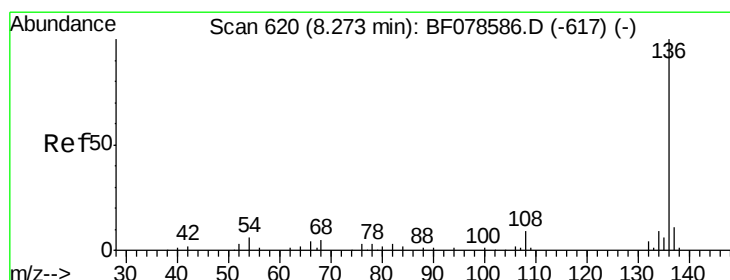
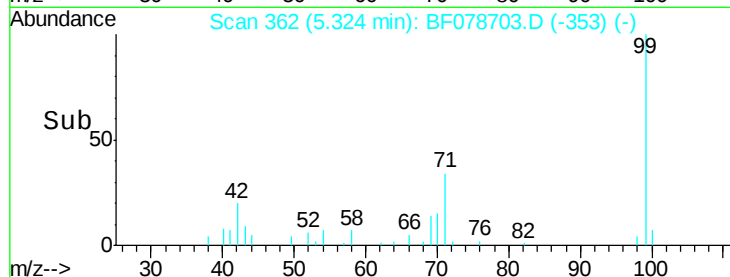
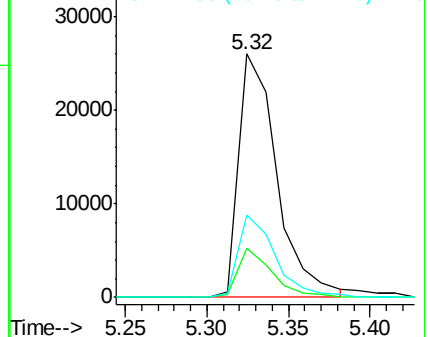
71 34.0 26.6 39.8



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: 7.98 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF078703.D

Acq: 22 Apr 2015 1:15

Tgt Ion: 136 Resp: 108626

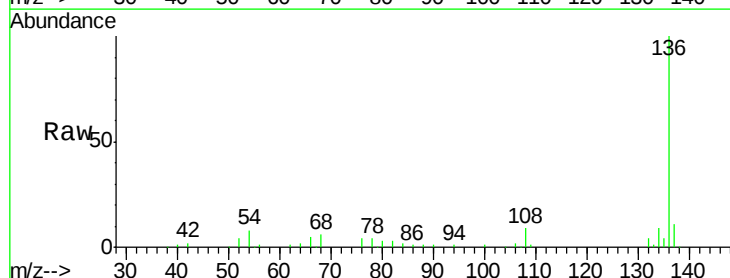
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.2 7.0 10.6

68 6.0 5.4 8.2

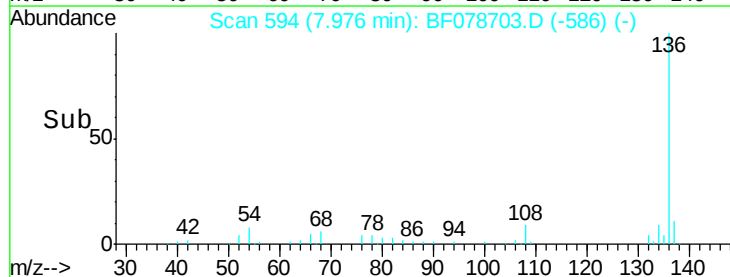
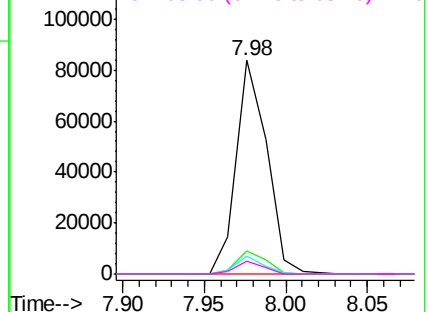


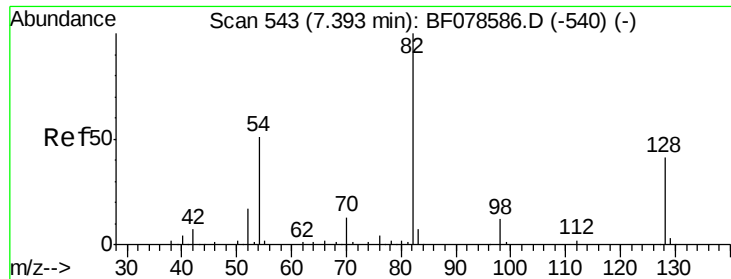
Abundance Ion 136.00 (135.70 to 136.70): E

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

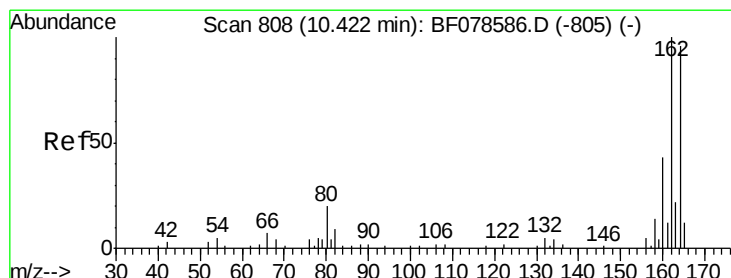
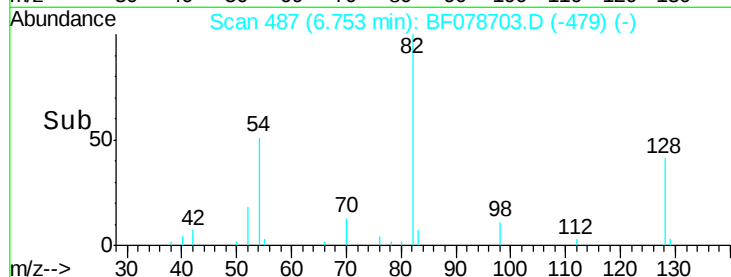
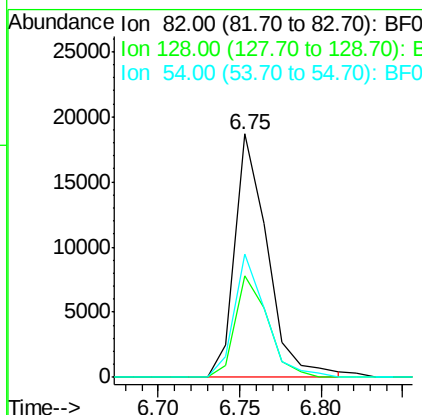
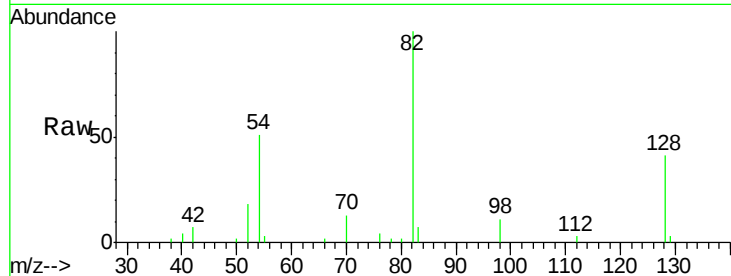




#23
 Nitrobenzene-d5
 Concen: 14.45 ng
 RT: 6.75 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BF078703.D
 Acq: 22 Apr 2015 1:15

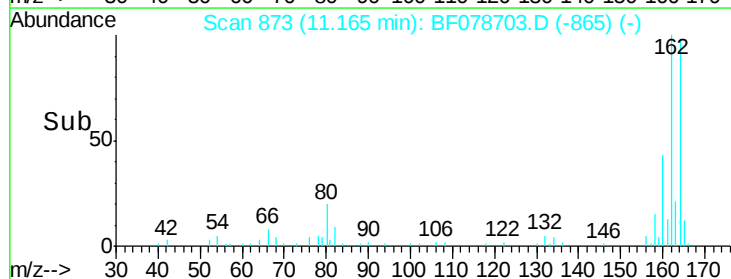
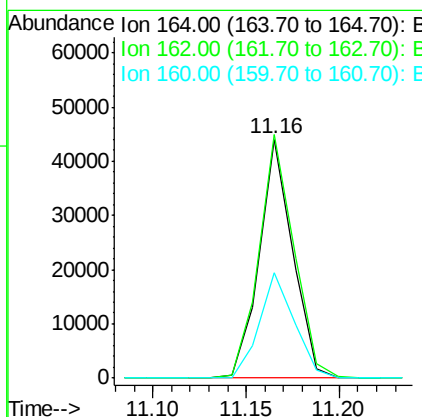
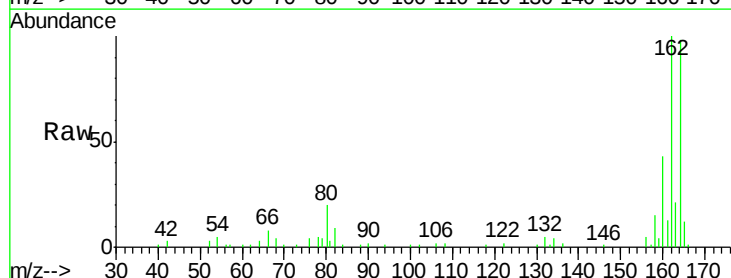
Instrument :
 BNA_F
 ClientSampleID :
 TEC-09

Tot Ion	82	Resp	25903
Ion Ratio	Lower	Upper	
82	100		
128	41.5	31.8	47.8
54	50.5	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.16 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF078703.D
 Acq: 22 Apr 2015 1:15

Tgt Ion	164	Resp	54319
Ion Ratio	Lower	Upper	
164	100		
162	101.9	82.2	123.2
160	44.1	34.7	52.1

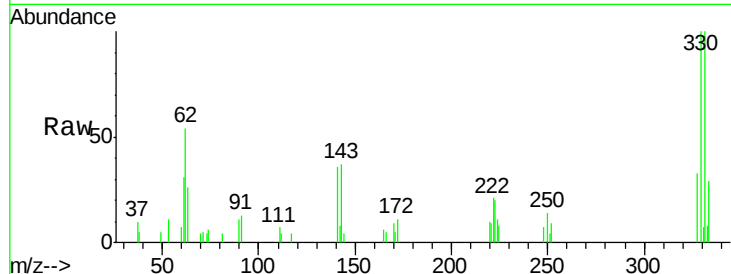




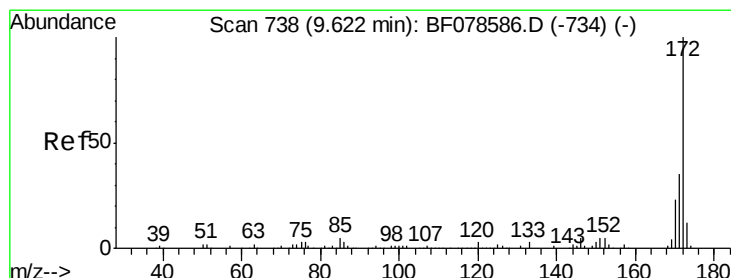
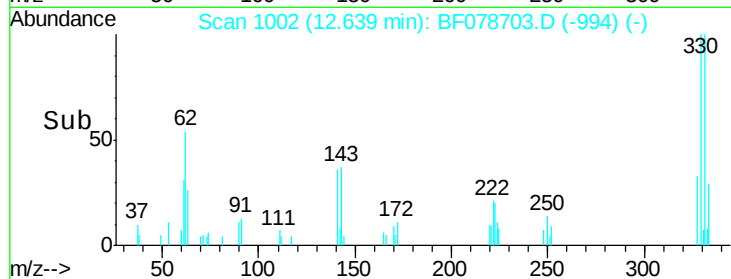
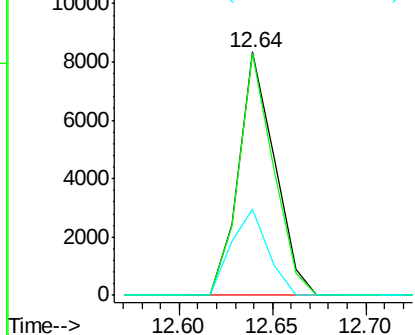
#41
 2,4,6-Tribromophenol
 Concen: 24.90 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF078703.D
 Acq: 22 Apr 2015 1:15

Instrument :
 BNA_F
 ClientSampled :
 TEC-09

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.6	117.8
141	35.8	31.2	46.8

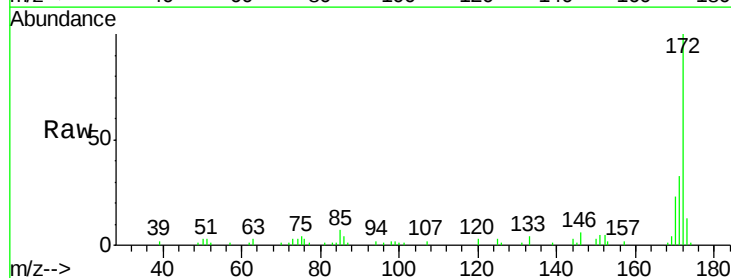


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

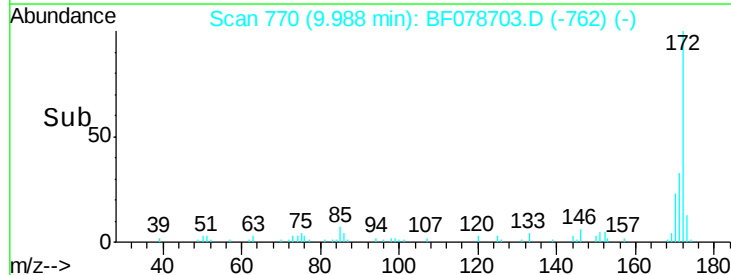
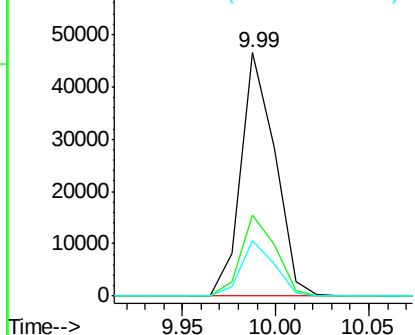


#44
 2-Fluorobiphenyl
 Concen: 15.58 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF078703.D
 Acq: 22 Apr 2015 1:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.1	28.6	42.8
170	22.9	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

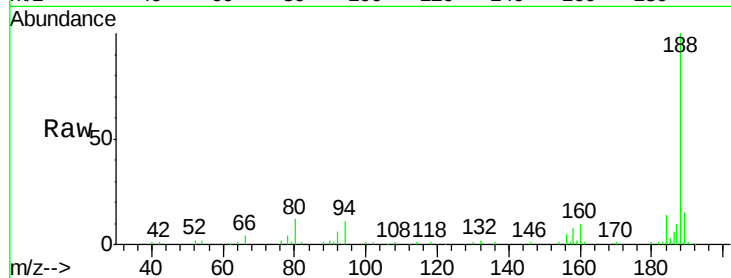




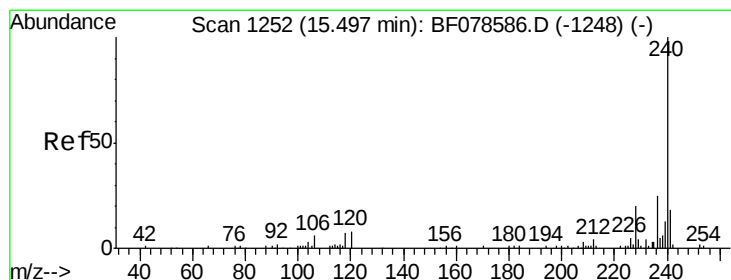
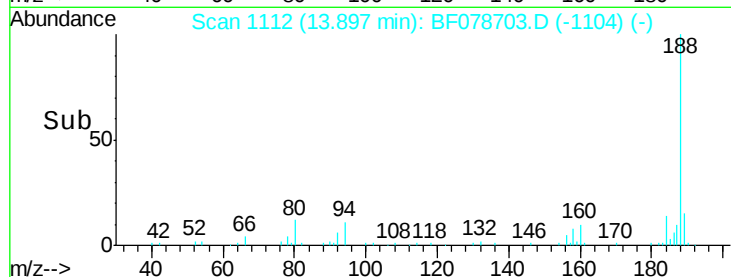
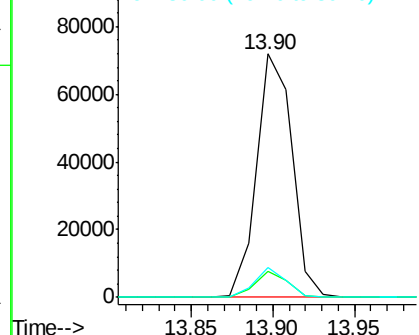
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.90 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF078703.D
Acq: 22 Apr 2015 1:15

Instrument :
BNA_F
ClientSampleId :
TEC-09

Tot Ion:188 Resp: 108543
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.4
80 12.1 9.5 14.3

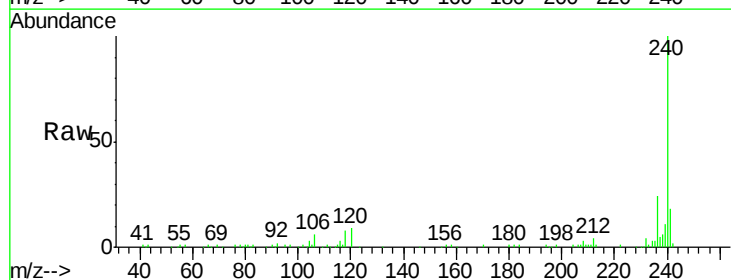


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

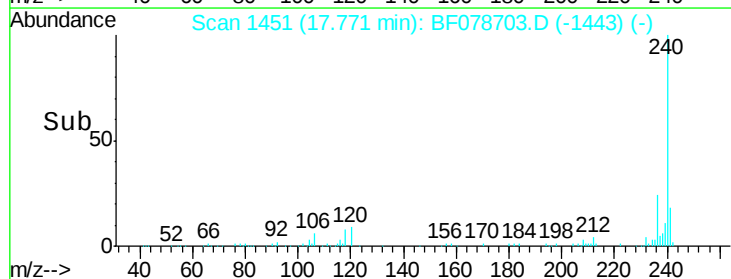
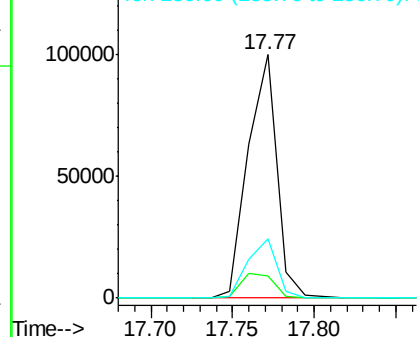


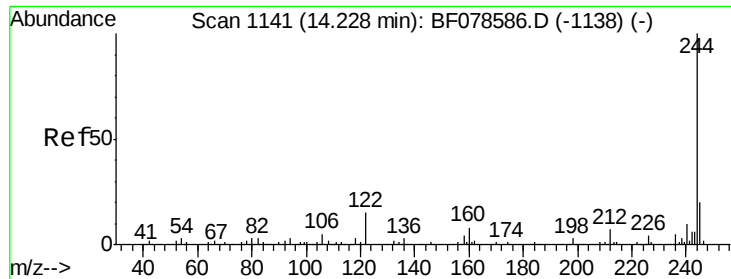
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF078703.D
Acq: 22 Apr 2015 1:15

Tgt Ion:240 Resp: 122904
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 24.4 21.4 32.2



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

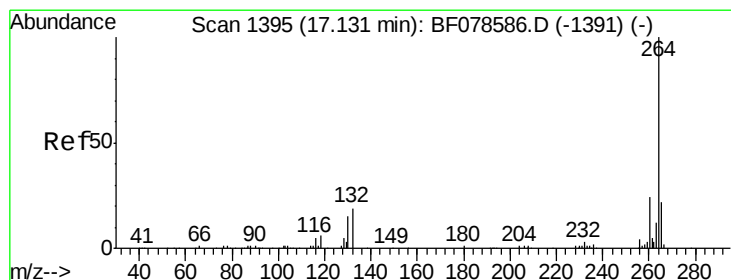
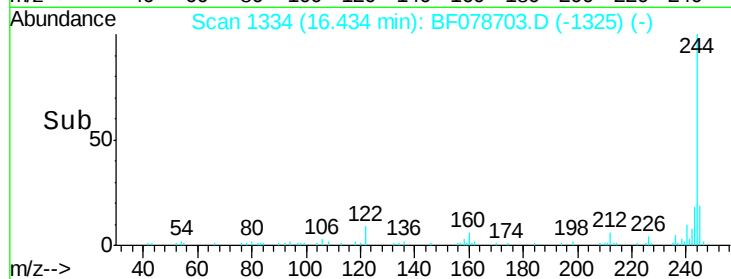
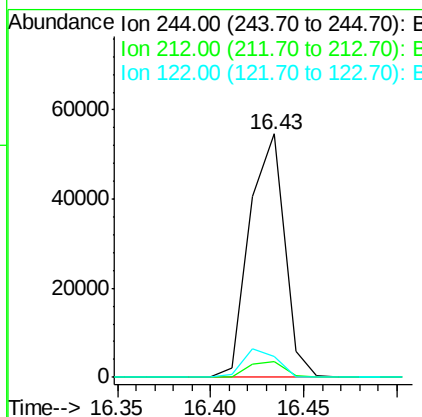
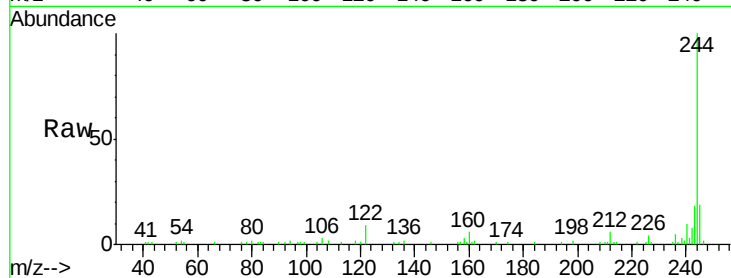




#78
 Terphenyl-d14
 Concen: 13.07 ng
 RT: 16.43 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF078703.D
 Acq: 22 Apr 2015 1:15

Instrument :
 BNA_F
 ClientSampleId :
 TEC-09

Tot Ion:244 Resp: 71080
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 8.6 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.44 min Scan# 1597
 Delta R.T. -0.05 min
 Lab File: BF078703.D
 Acq: 22 Apr 2015 1:15

Tgt Ion:264 Resp: 119216
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 21.6 17.0 25.6

