

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042115\
 Data File : BF078715.D
 Acq On : 22 Apr 2015 9:46
 Operator : TP/IZ
 Sample : G1937-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-47

Quant Time: Apr 22 12:39:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 16:32:38 2015
 Response via : Initial Calibration

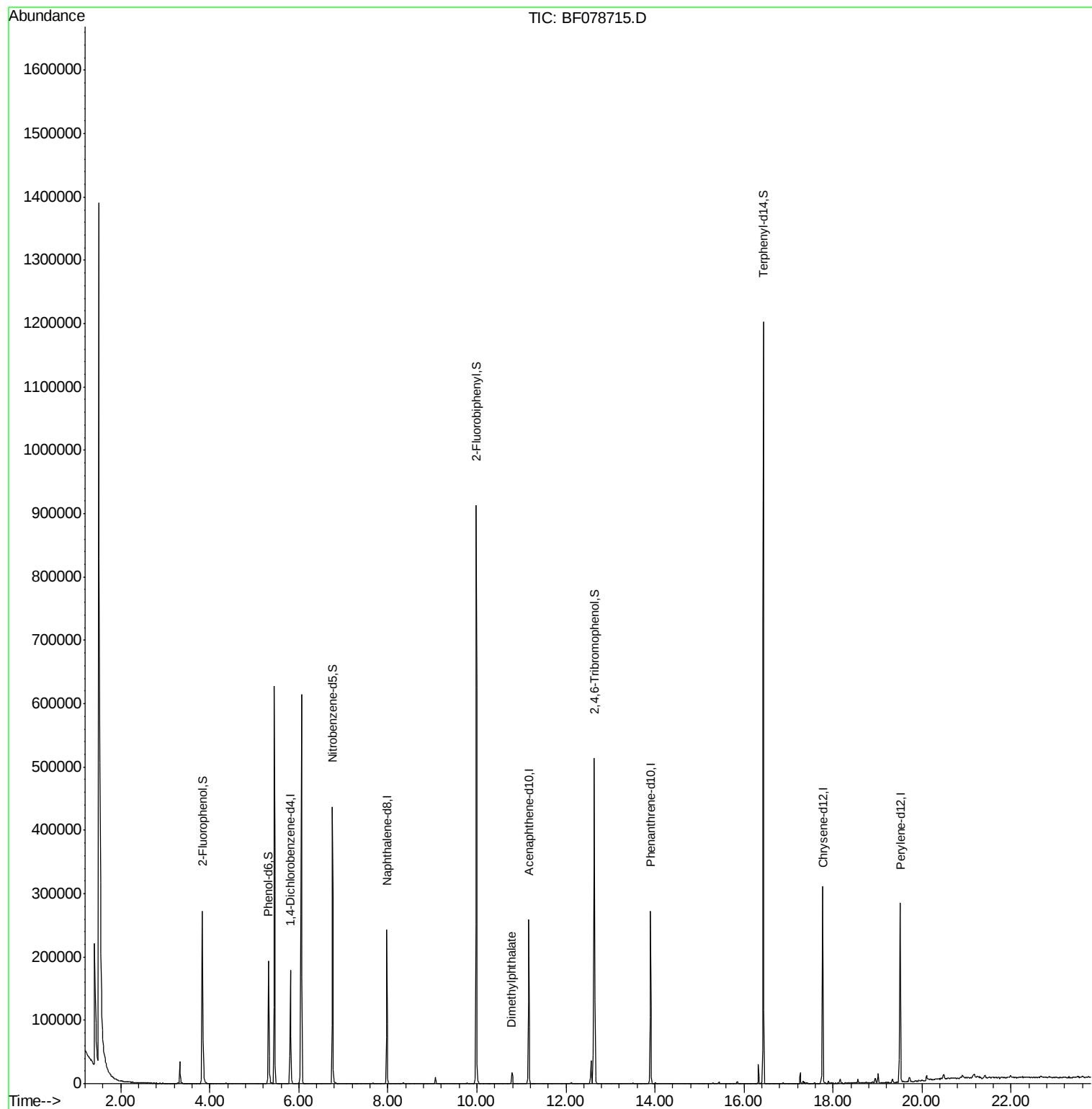
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.82	152	36967	20.00	ng	-0.05
21) Naphthalene-d8	7.98	136	149447	20.00	ng	-0.05
38) Acenaphthene-d10	11.16	164	75821	20.00	ng	-0.05
63) Phenanthrene-d10	13.90	188	150049	20.00	ng	-0.05
75) Chrysene-d12	17.77	240	167501	20.00	ng	-0.03
86) Perylene-d12	19.51	264	163483	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.84	112	139001	62.00	ng	-0.03
7) Phenol-d6	5.31	99	116795	41.57	ng	-0.05
23) Nitrobenzene-d5	6.75	82	205038	83.16	ng	-0.05
41) 2,4,6-Tribromophenol	12.64	330	88353	140.50	ng	-0.05
44) 2-Fluorobiphenyl	9.99	172	450307	84.89	ng	-0.05
78) Terphenyl-d14	16.43	244	515789	69.58	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	10.79	163	13136	2.31	ng	96

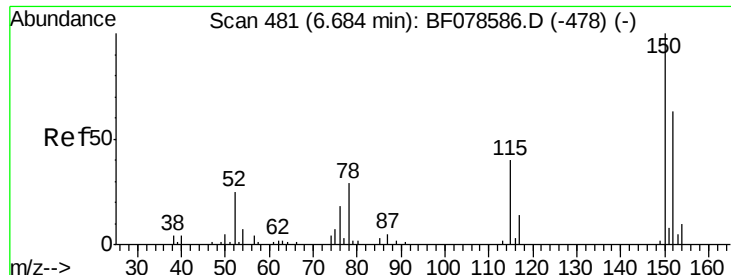
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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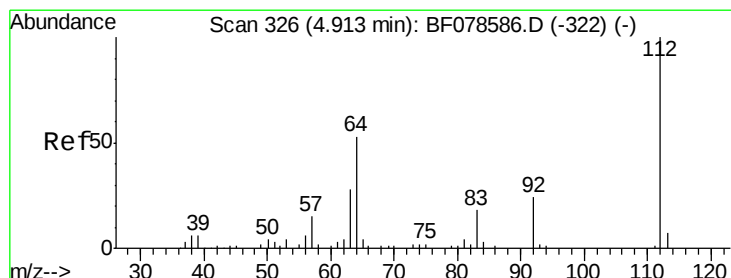
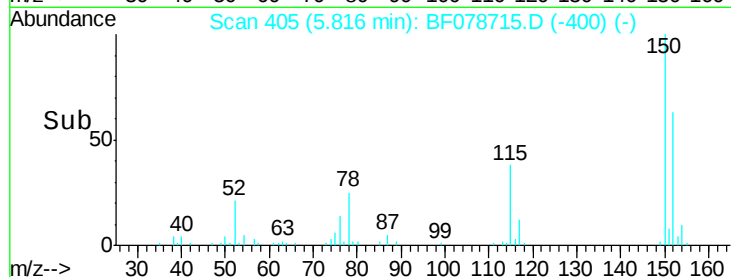
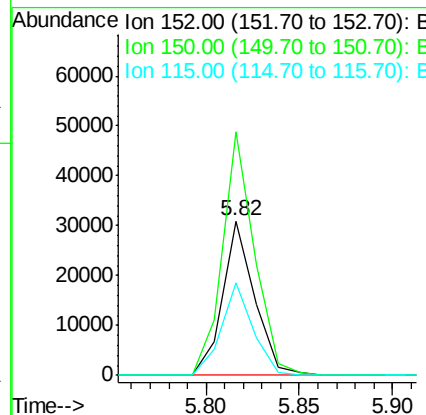
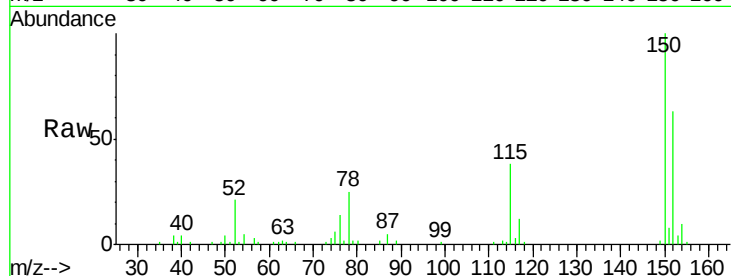


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.82 min Scan# 405
Delta R.T. -0.05 min
Lab File: BF078715.D
Acq: 22 Apr 2015 9:46

Instrument :
BNA_F
ClientSampleId :
MW-47

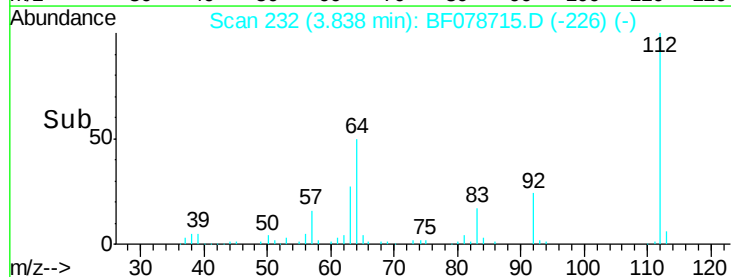
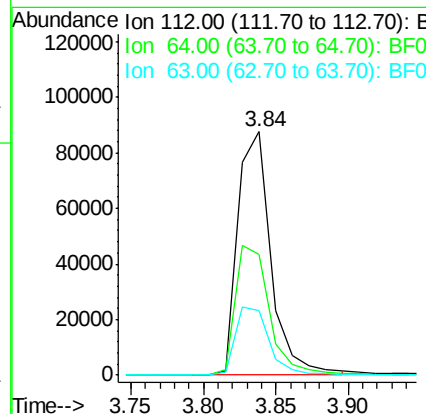
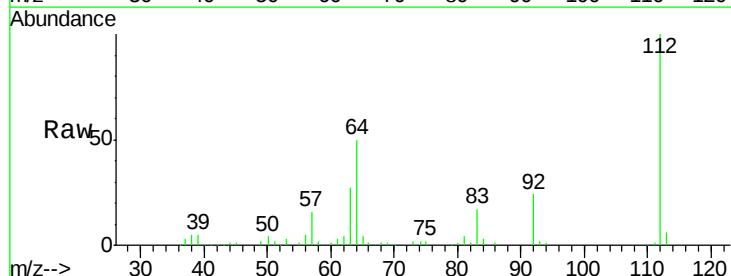
Tot Ion:152 Resp: 36967
Ion Ratio Lower Upper
152 100
150 157.7 125.9 188.9
115 60.3 52.7 79.1

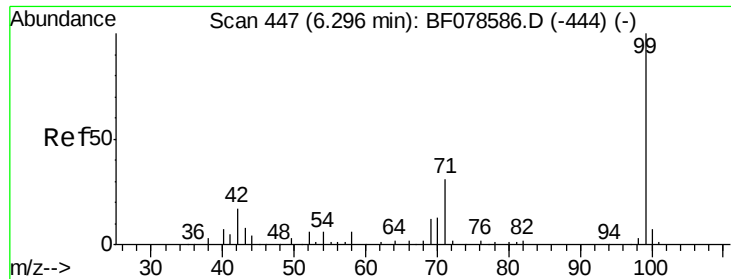


#5

2-Fluorophenol
Concen: 62.00 ng
RT: 3.84 min Scan# 232
Delta R.T. -0.03 min
Lab File: BF078715.D
Acq: 22 Apr 2015 9:46

Tgt Ion:112 Resp: 139001
Ion Ratio Lower Upper
112 100
64 49.8 39.9 59.9
63 26.7 20.2 30.4





#7

Phenol-d6

Concen: 41.57 ng

RT: 5.31 min Scan# 361

Delta R.T. -0.05 min

Lab File: BF078715.D

Acq: 22 Apr 2015 9:46

Instrument :

BNA_F

ClientSampleId :

MW-47

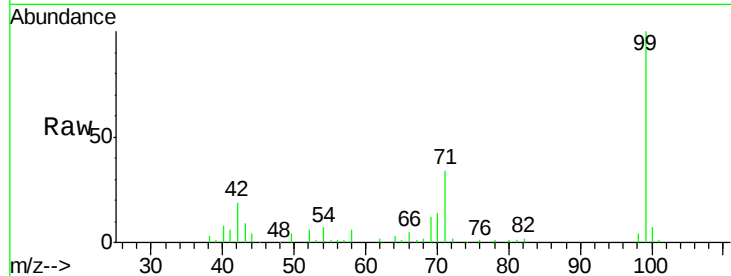
Tot Ion: 99 Resp: 116795

Ion Ratio Lower Upper

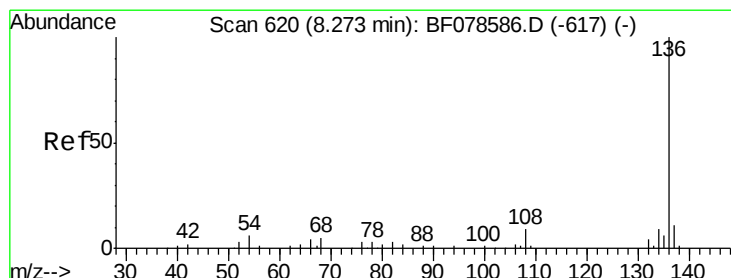
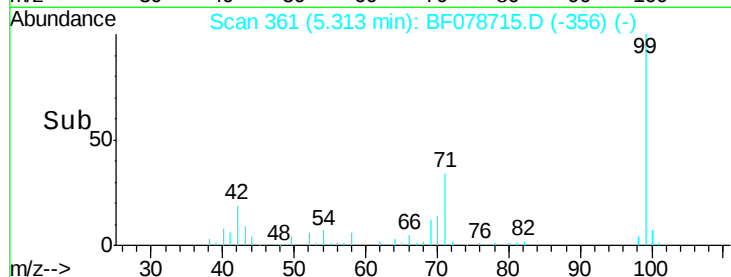
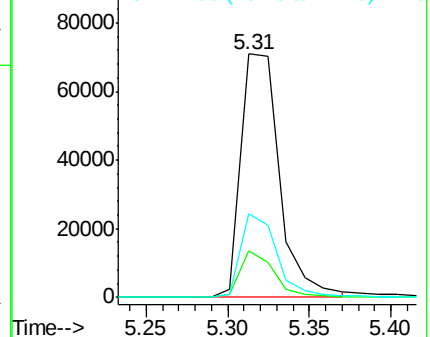
99 100

42 19.0 14.8 22.2

71 34.2 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. -0.05 min

Lab File: BF078715.D

Acq: 22 Apr 2015 9:46

Tgt Ion: 136 Resp: 149447

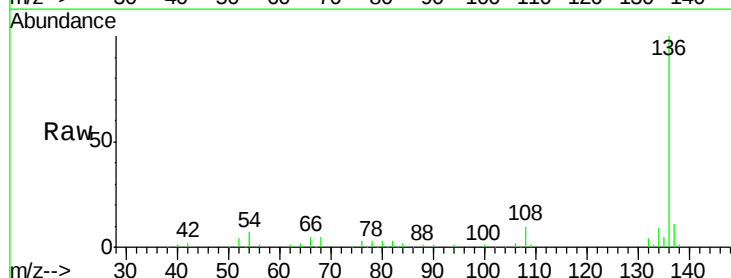
Ion Ratio Lower Upper

136 100

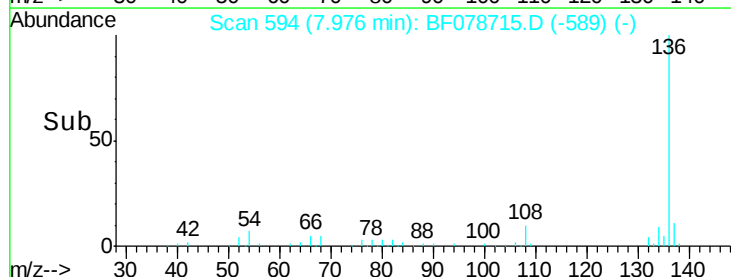
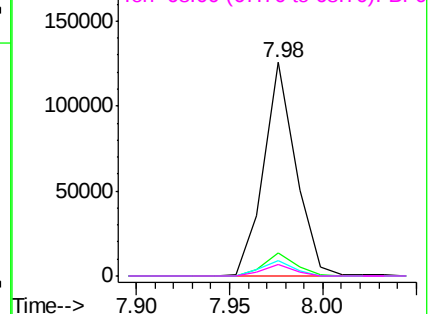
137 10.8 9.0 13.4

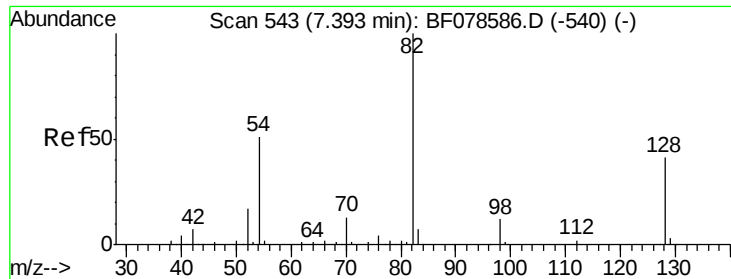
54 7.2 7.0 10.6

68 5.4 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

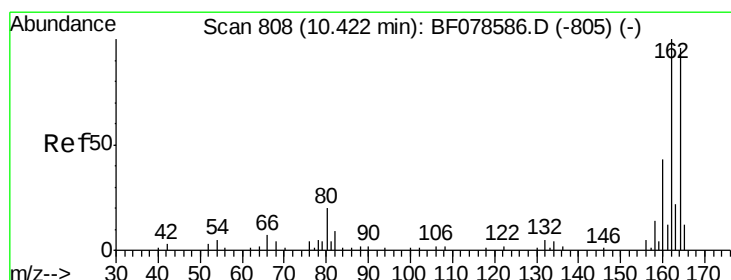
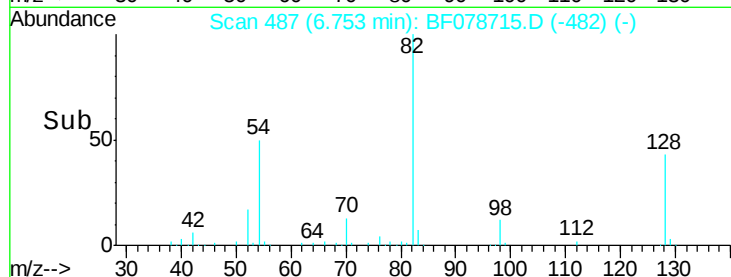
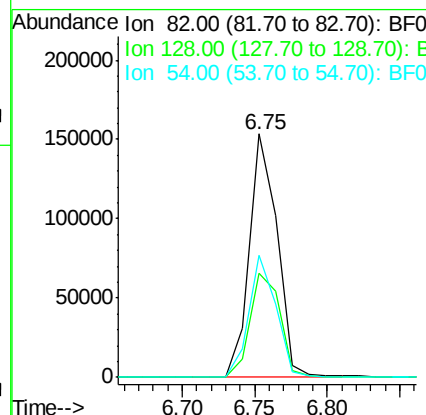
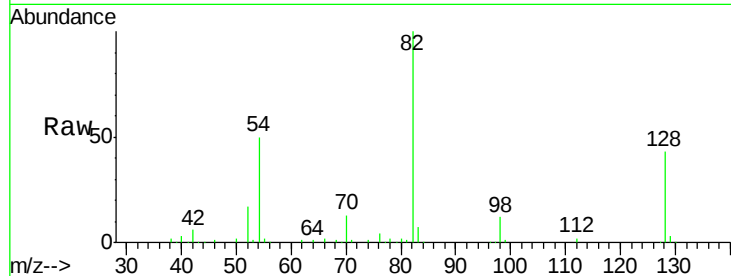




#23
Nitrobenzene-d5
Concen: 83.16 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.05 min
Lab File: BF078715.D
Acq: 22 Apr 2015 9:46

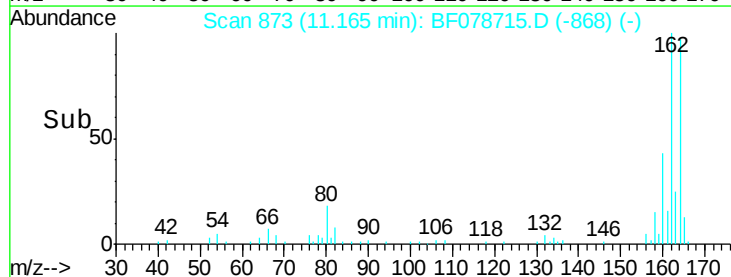
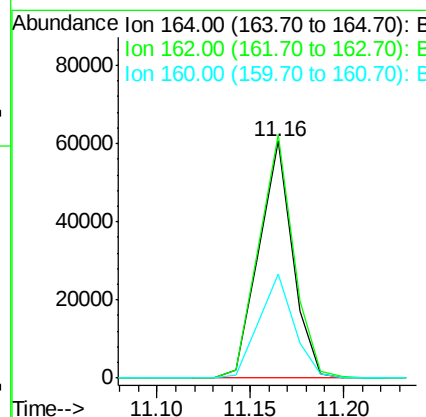
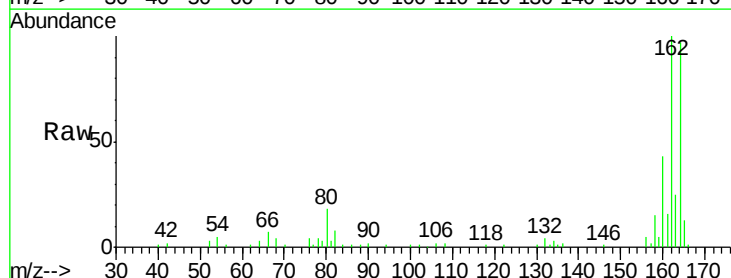
Instrument :
BNA_F
ClientSampleId :
MW-47

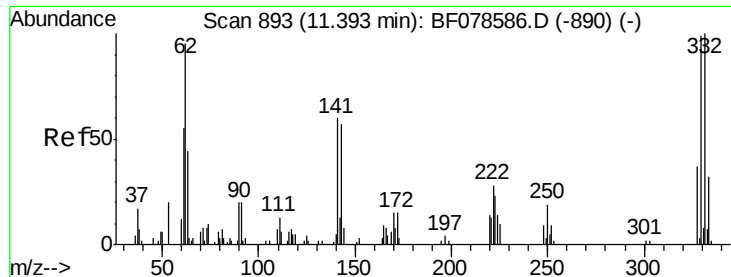
Tot Ion	82	Resp	205038
Ion Ratio	Lower	Upper	
82	100		
128	42.5	31.8	47.8
54	50.1	41.5	62.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF078715.D
Acq: 22 Apr 2015 9:46

Tgt Ion	164	Resp	75821
Ion Ratio	Lower	Upper	
164	100		
162	102.8	82.2	123.2
160	44.0	34.7	52.1

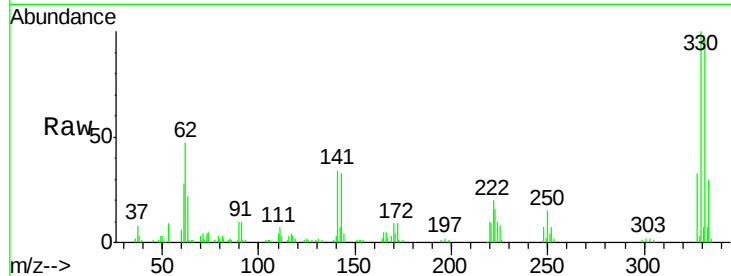




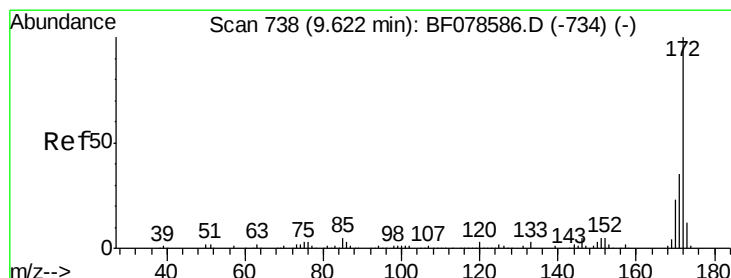
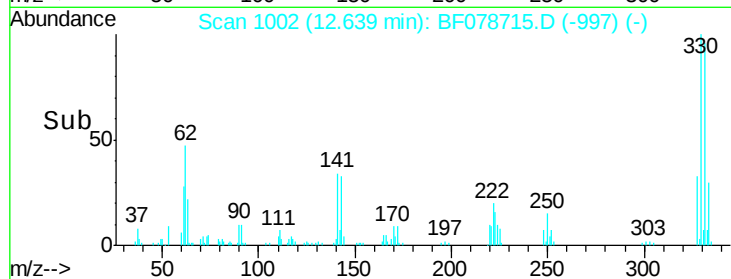
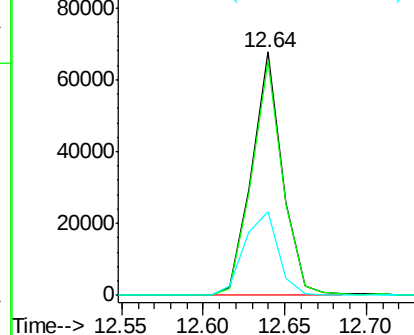
#41
 2,4,6-Tribromophenol
 Concen: 140.50 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. -0.05 min
 Lab File: BF078715.D
 Acq: 22 Apr 2015 9:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-47

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.6	117.8
141	37.9	31.2	46.8

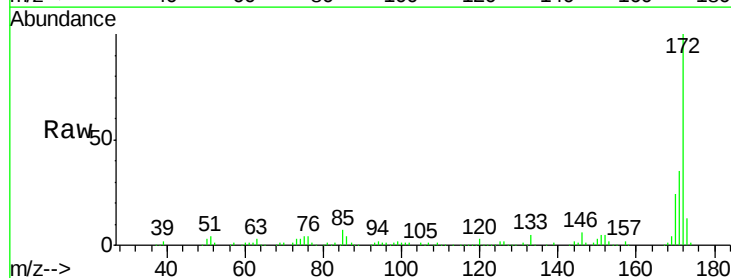


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

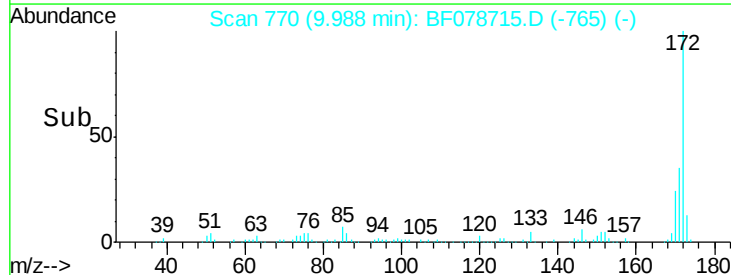
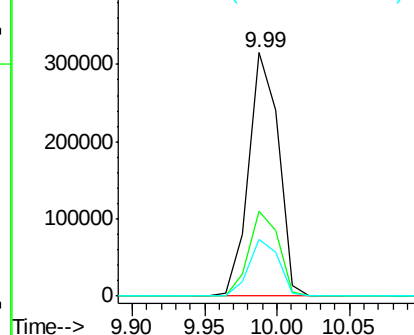


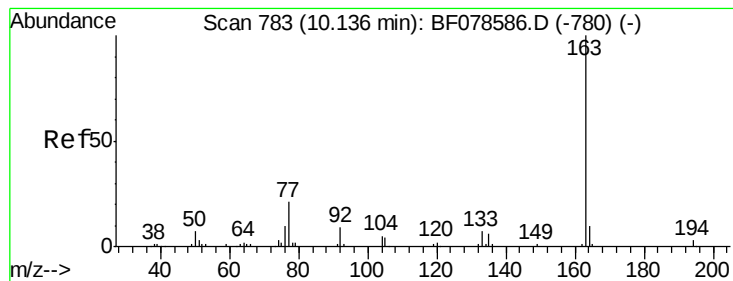
#44
 2-Fluorobiphenyl
 Concen: 84.89 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF078715.D
 Acq: 22 Apr 2015 9:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.5	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: 2.31 ng

RT: 10.79 min Scan# 840

Delta R.T. -0.06 min

Lab File: BF078715.D

Acq: 22 Apr 2015 9:46

Instrument :

BNA_F

ClientSampleId :

MW-47

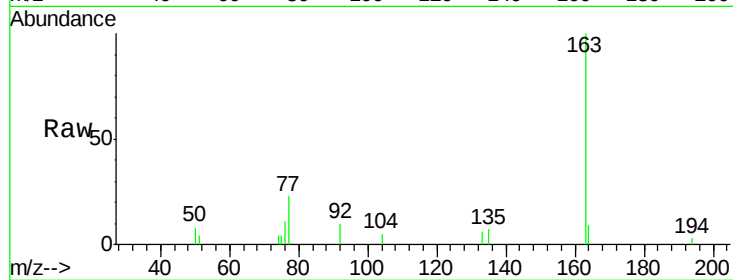
Tot Ion:163 Resp: 13136

Ion Ratio Lower Upper

163 100

194 3.3 2.3 3.5

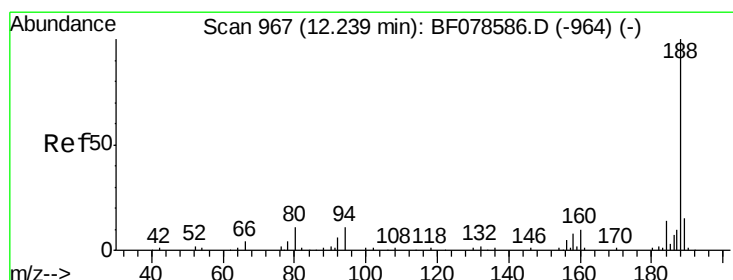
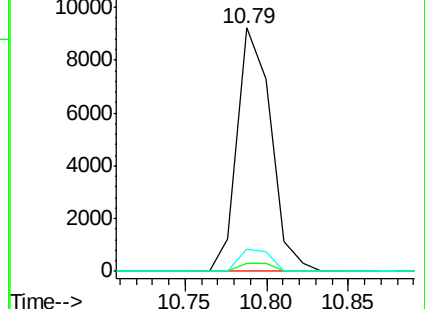
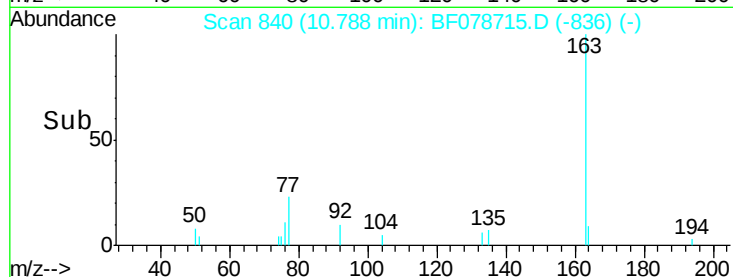
164 9.2 8.6 13.0



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: 13.90 min Scan# 1112

Delta R.T. -0.05 min

Lab File: BF078715.D

Acq: 22 Apr 2015 9:46

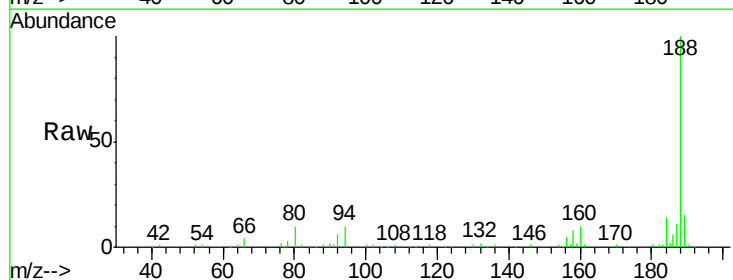
Tgt Ion:188 Resp: 150049

Ion Ratio Lower Upper

188 100

94 10.0 9.0 13.4

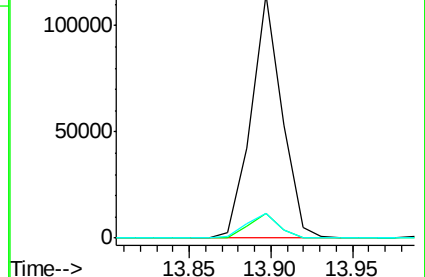
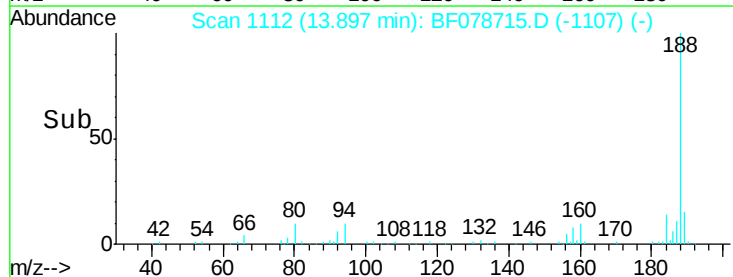
80 10.0 9.5 14.3

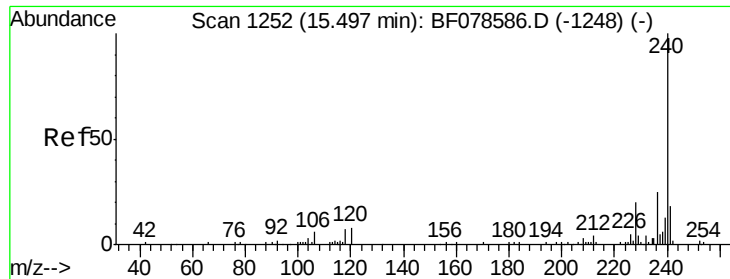


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

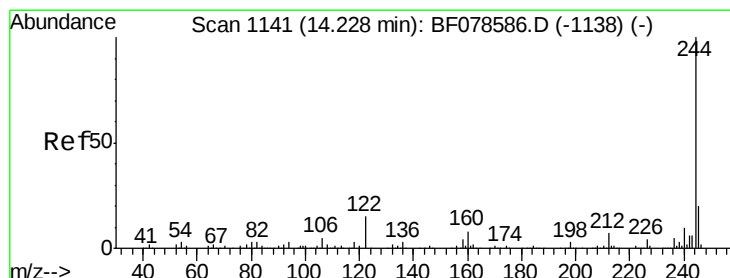
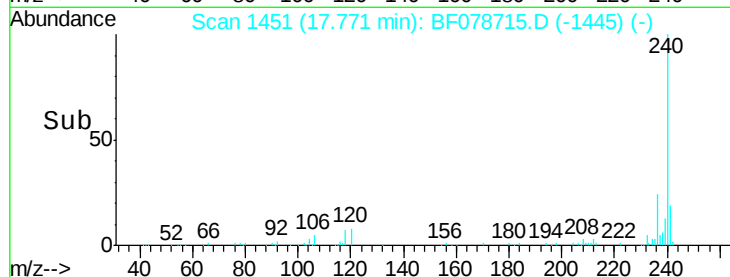
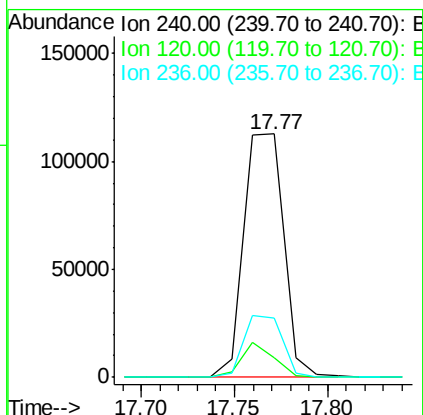
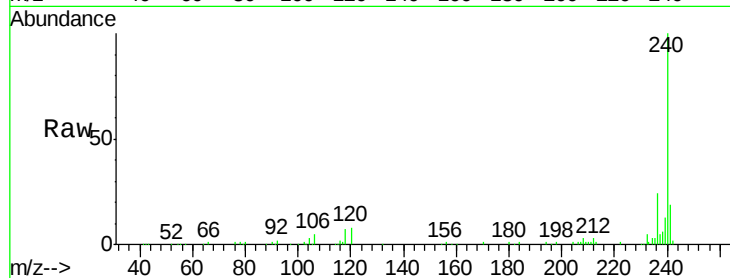




#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.03 min
Lab File: BF078715.D
Acq: 22 Apr 2015 9:46

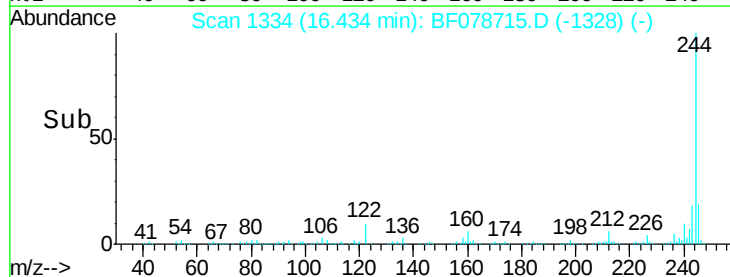
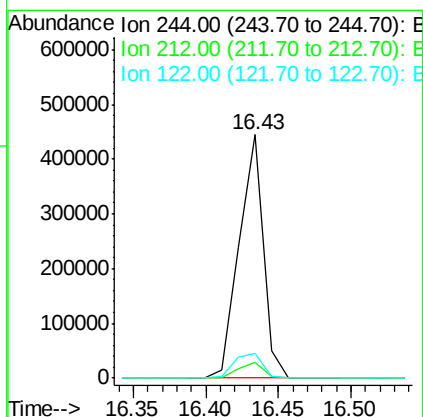
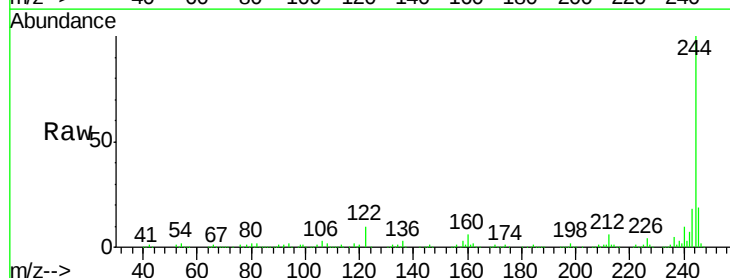
Instrument :
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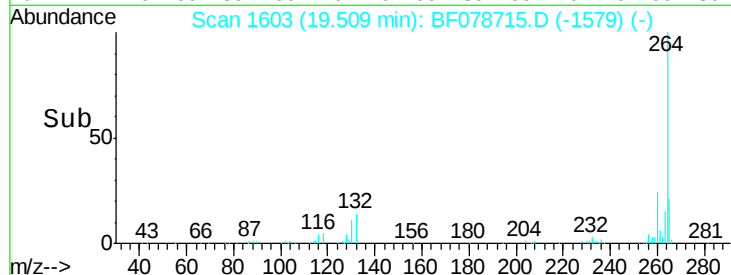
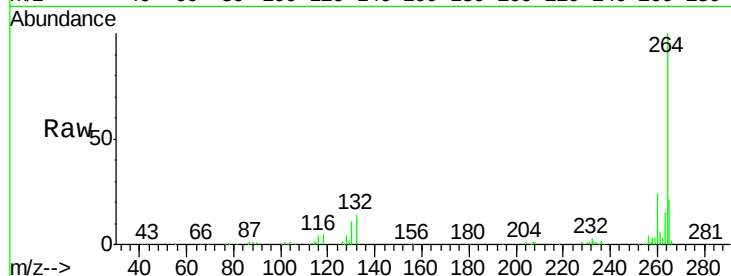
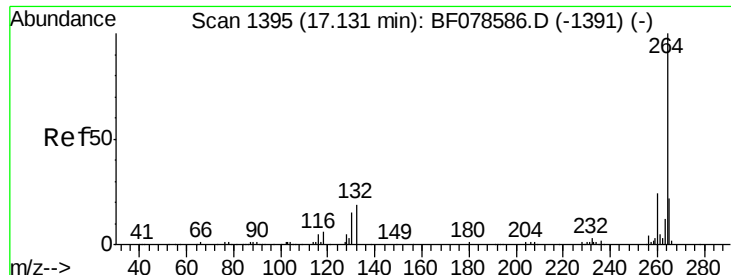
Tot Ion:240 Resp: 167501
Ion Ratio Lower Upper
240 100
120 7.9 7.1 10.7
236 24.2 21.4 32.2



#78
Terphenyl-d14
Concen: 69.58 ng
RT: 16.43 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BF078715.D
Acq: 22 Apr 2015 9:46

Tgt Ion:244 Resp: 515789
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 10.2 7.1 10.7





#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.51 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BF078715.D
Acq: 22 Apr 2015 9:46

Instrument :
BNA_F
ClientSampleId :
MW-47

Tot Ion:264	Resp:	163483
Ion Ratio	Lower	Upper
264	100	
260	24.3	18.6 27.8
265	20.7	17.0 25.6

