

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021315\
 Data File : BF077316.D
 Acq On : 13 Feb 2015 19:41
 Operator : TP/IZ
 Sample : G1294-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1003-20(0-2)

Quant Time: Feb 13 22:53:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 13:10:36 2015
 Response via : Initial Calibration

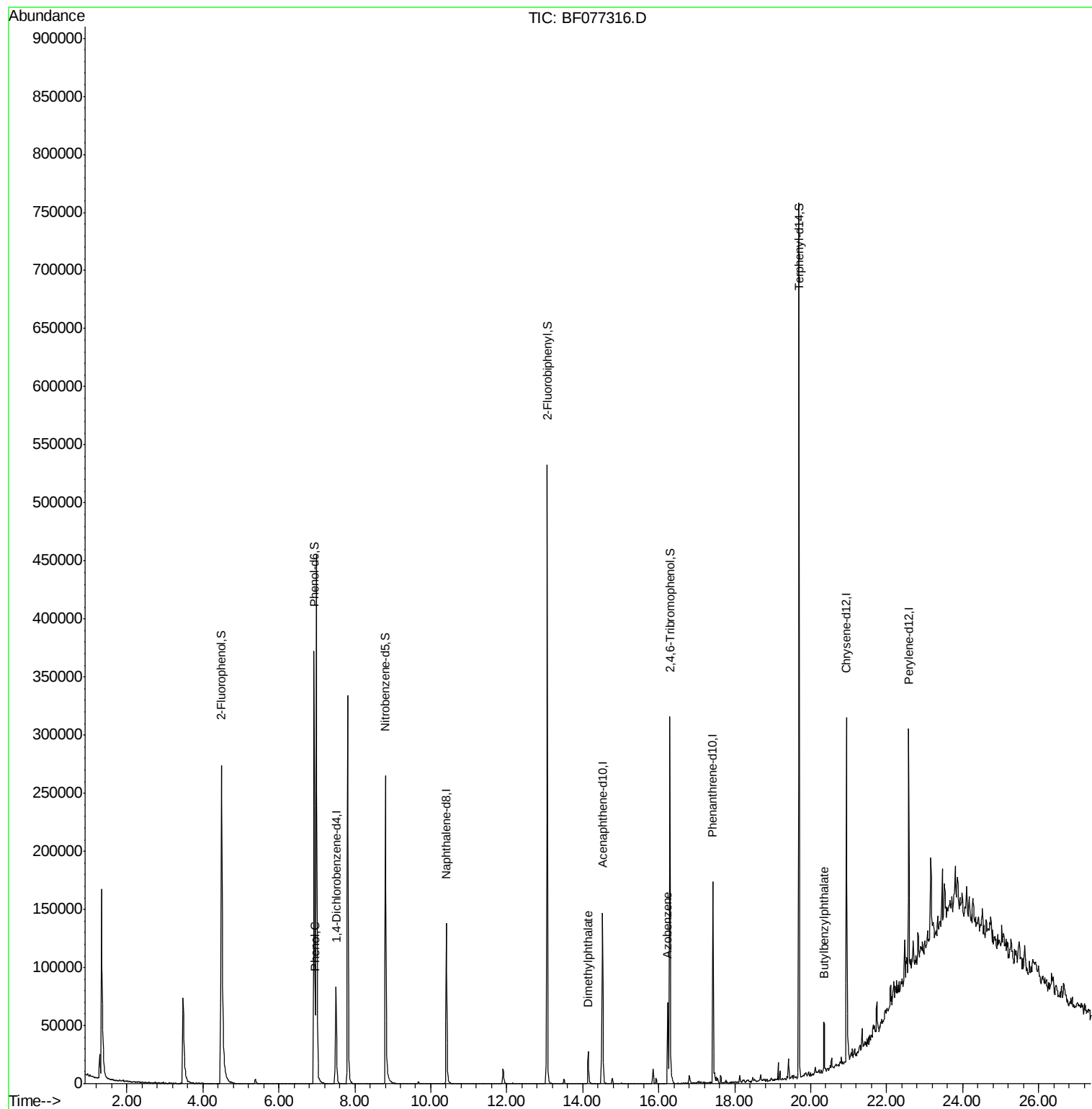
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	28941	20.00	ng	0.01
21) Naphthalene-d8	10.41	136	121671	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	58681	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	101226	20.00	ng	-0.01
75) Chrysene-d12	20.95	240	97048	20.00	ng	-0.01
86) Perylene-d12	22.58	264	90507	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	194261	104.80	ng	0.00
7) Phenol-d6	6.92	99	245756	107.29	ng	-0.01
23) Nitrobenzene-d5	8.81	82	151709	71.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	47646	99.57	ng	-0.01
44) 2-Fluorobiphenyl	13.06	172	297176	76.22	ng	-0.01
78) Terphenyl-d14	19.69	244	271408	62.82	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	1.33	42	1833	Below Cal	#	1
10) Phenol	6.96	94	7555	3.21 ng	#	54
49) Dimethylphthalate	14.15	163	25230	5.95 ng	#	98
62) Azobenzene	16.24	77	25504	6.05 ng	#	1
79) Butylbenzylphthalate	20.36	149	14870	4.54 ng	#	90

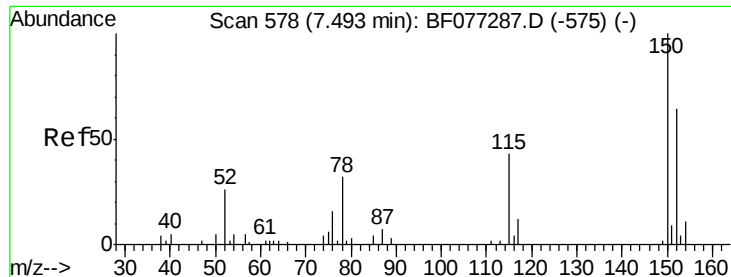
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 13 22:53:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021215.M
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QLast Update : Fri Feb 13 13:10:36 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.50 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF077316.D

Acq: 13 Feb 2015 19:41

Instrument :

BNA_F

ClientSampleId :

1003-20(0-2)

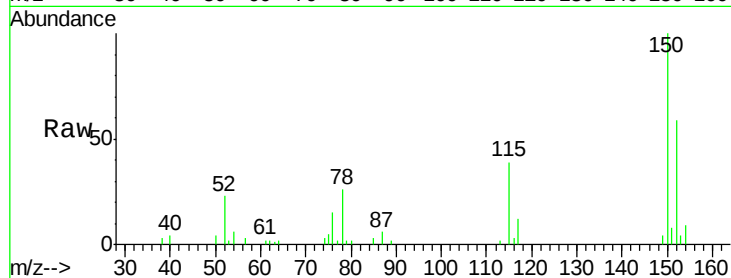
Tgt Ion:152 Resp: 28941

Ion Ratio Lower Upper

152 100

150 168.4 124.9 187.3

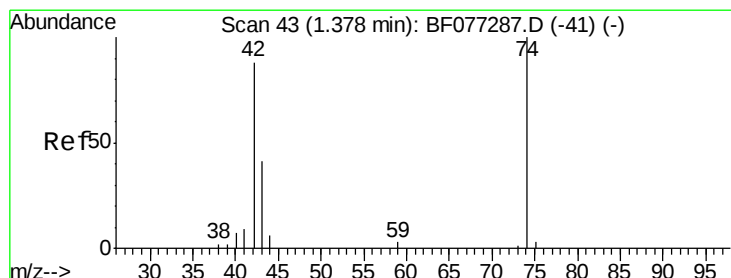
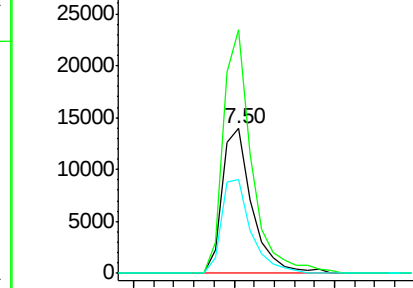
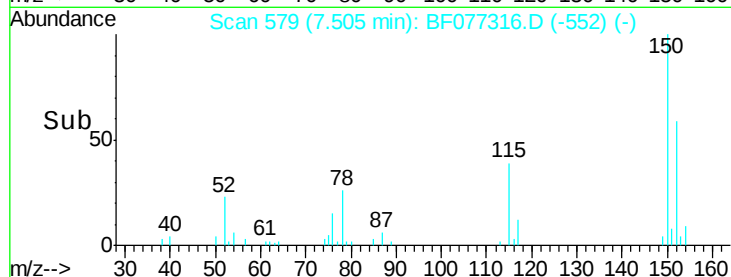
115 64.9 54.1 81.1



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



#4

n-Nitrosodimethylamine

Concen: Below Cal

RT: 1.33 min Scan# 39

Delta R.T. -0.05 min

Lab File: BF077316.D

Acq: 13 Feb 2015 19:41

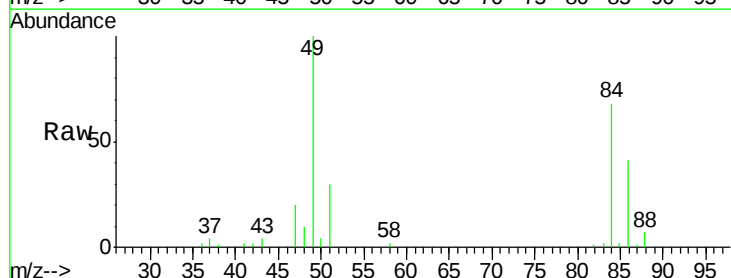
Tgt Ion: 42 Resp: 1833

Ion Ratio Lower Upper

42 100

74 0.0 90.8 136.2#

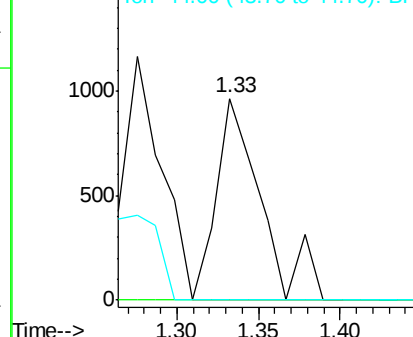
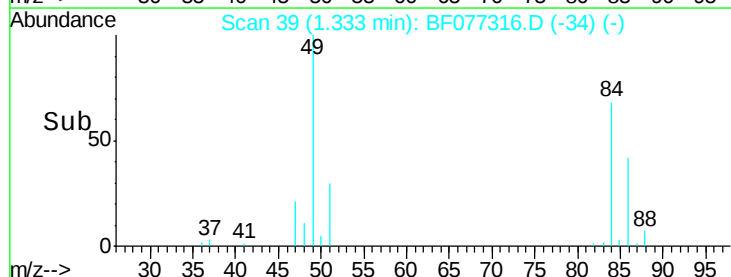
44 0.0 5.8 8.6#

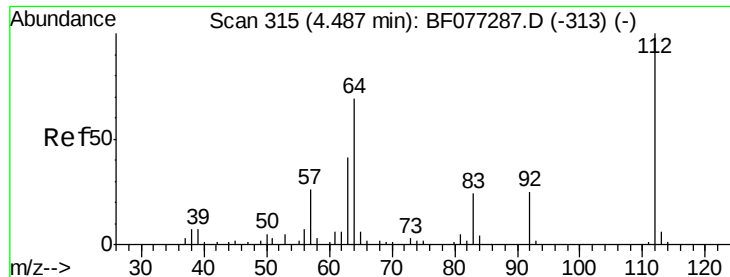


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 104.80 ng

RT: 4.49 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF077316.D

Acq: 13 Feb 2015 19:41

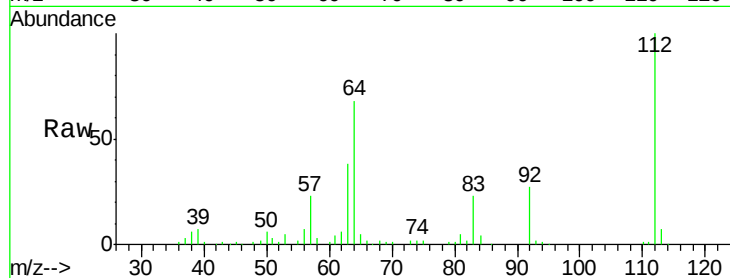
Instrument :

BNA_F

ClientSampleId :

1003-20(0-2)

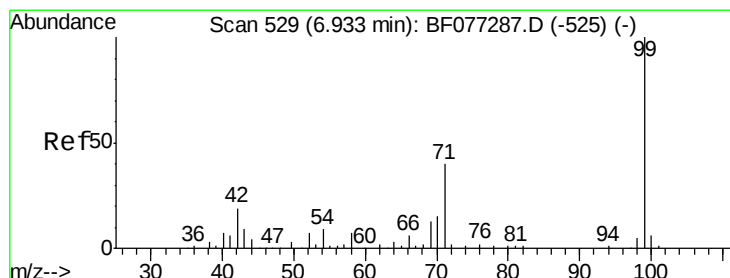
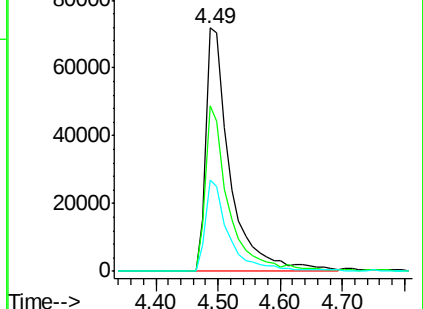
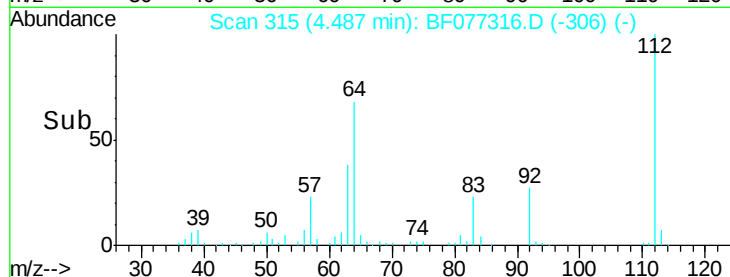
Tgt Ion:	112	Resp:	194261
Ion	Ratio	Lower	Upper
112	100		
64	67.9	55.0	82.4
63	37.7	33.0	49.6



Abundance Ion 112.00 (111.70 to 112.70): BF077316.D (-306) (-)

Ion 64.00 (63.70 to 64.70): BF077316.D (-306) (-)

Ion 63.00 (62.70 to 63.70): BF077316.D (-306) (-)



#7

Phenol-d6

Concen: 107.29 ng

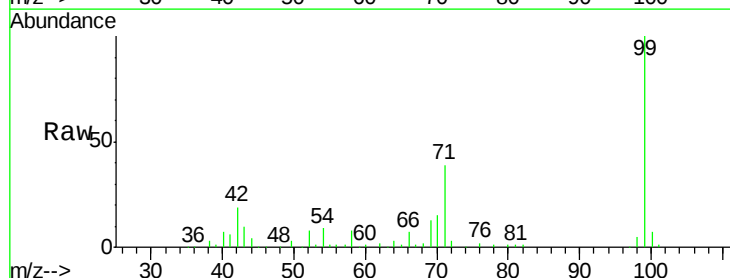
RT: 6.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF077316.D

Acq: 13 Feb 2015 19:41

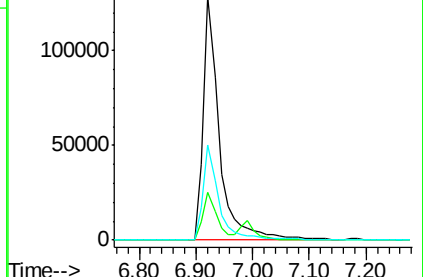
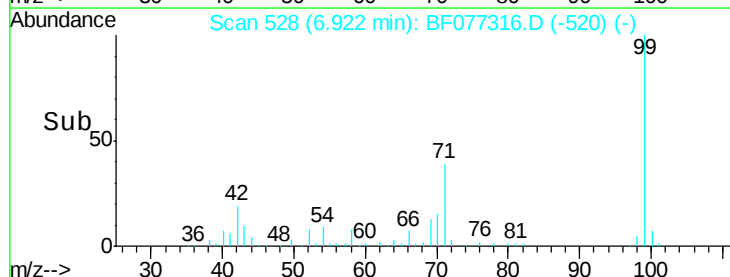
Tgt Ion:	99	Resp:	245756
Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.0	22.4
71	39.2	31.8	47.6

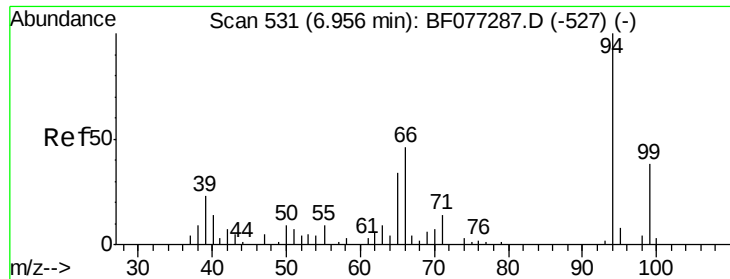


Abundance Ion 99.00 (98.70 to 99.70): BF077316.D (-520) (-)

Ion 42.00 (41.70 to 42.70): BF077316.D (-520) (-)

Ion 71.00 (70.70 to 71.70): BF077316.D (-520) (-)

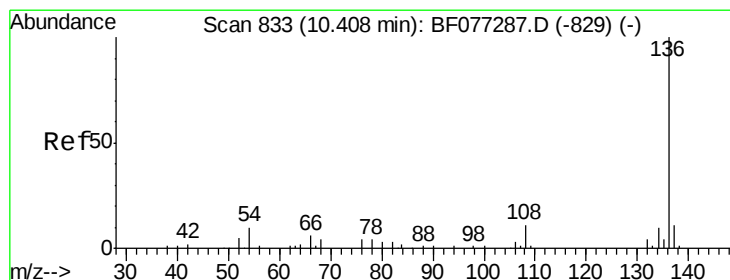
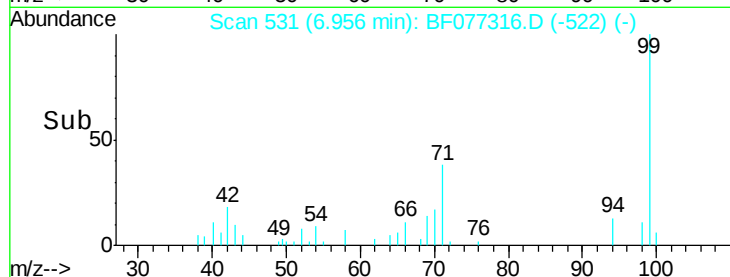
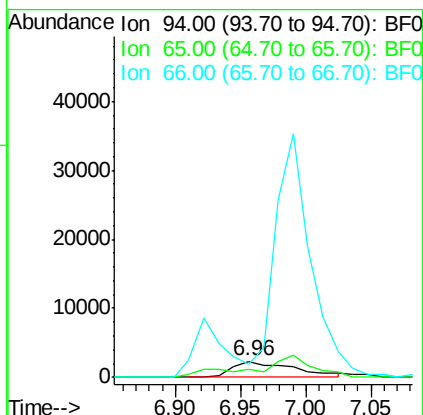
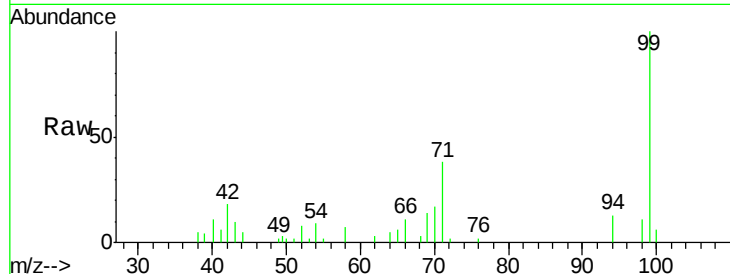




#10
Phenol
Concen: 3.21 ng
RT: 6.96 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF077316.D
Acq: 13 Feb 2015 19:41

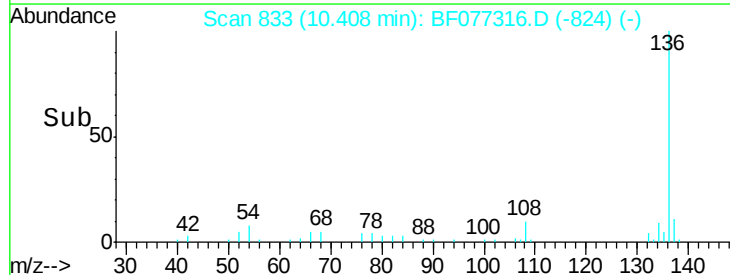
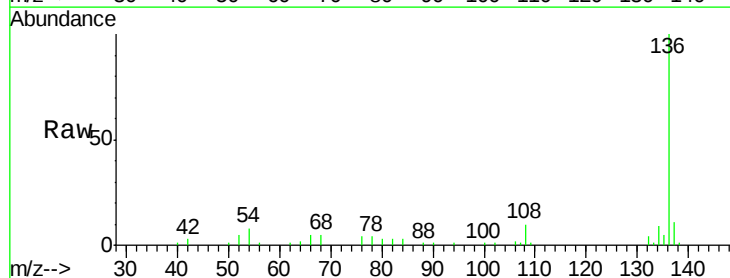
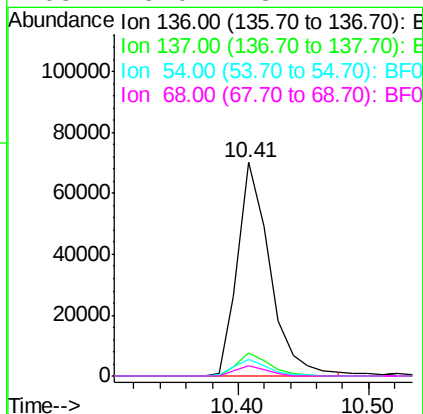
Instrument :
BNA_F
ClientSampleId :
1003-20(0-2)

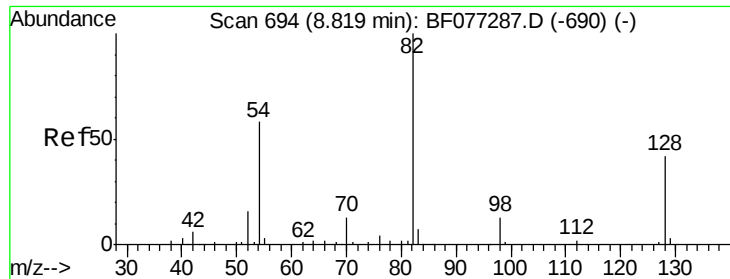
Tgt Ion: 94 Resp: 7555
Ion Ratio Lower Upper
94 100
65 47.1 14.2 54.2
66 87.1 25.7 65.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF077316.D
Acq: 13 Feb 2015 19:41

Tgt Ion: 136 Resp: 121671
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.0 8.2 12.2#
68 5.0 3.1 4.7#

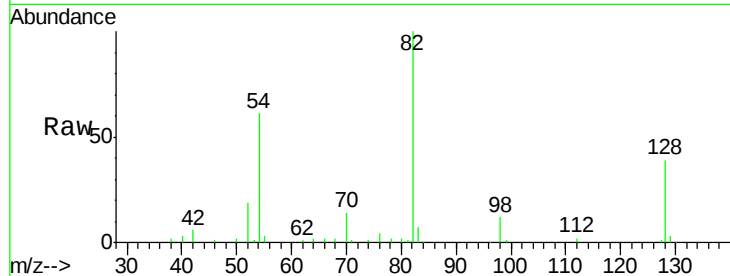




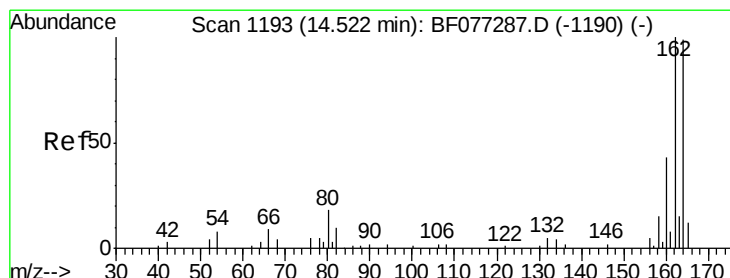
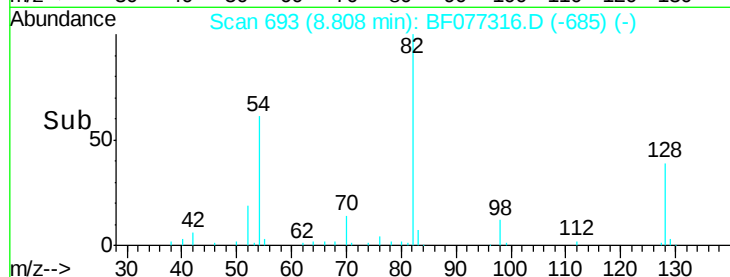
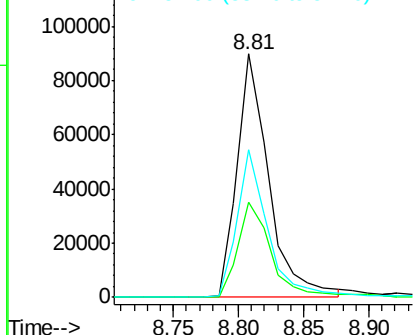
#23
 Nitrobenzene-d5
 Concen: 71.22 ng
 RT: 8.81 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF077316.D
 Acq: 13 Feb 2015 19:41

Instrument :
 BNA_F
 ClientSampleId :
 1003-20(0-2)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.0	33.6	50.4
54	60.9	46.2	69.2

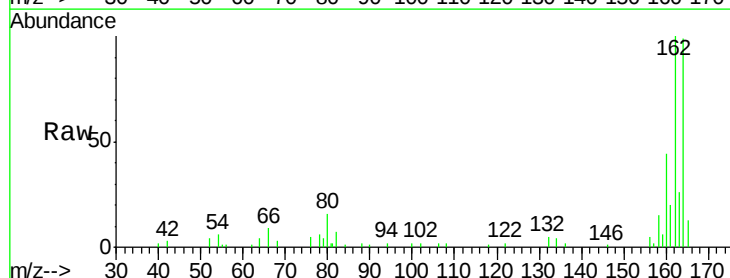


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

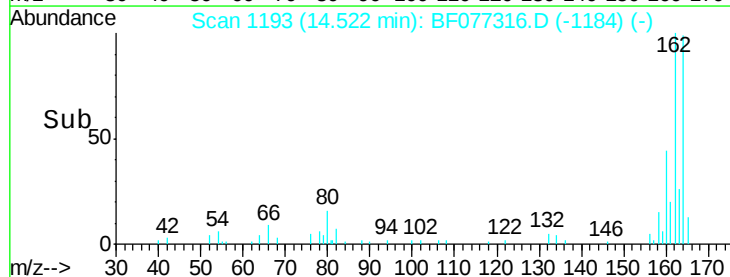
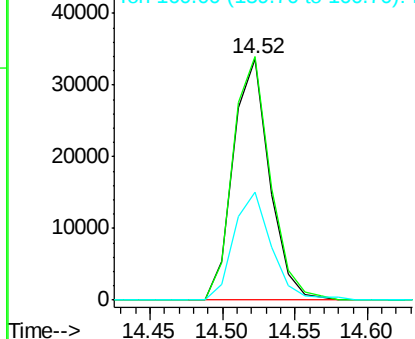


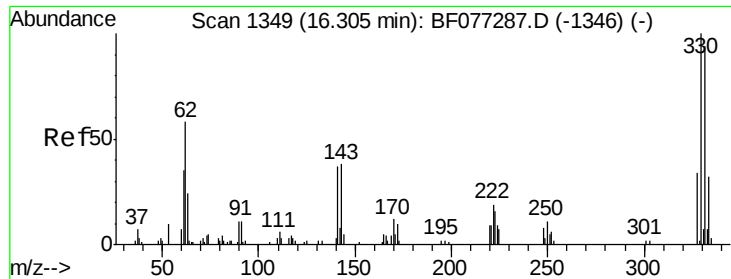
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.52 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF077316.D
 Acq: 13 Feb 2015 19:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.0	121.4
160	44.6	35.2	52.8



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

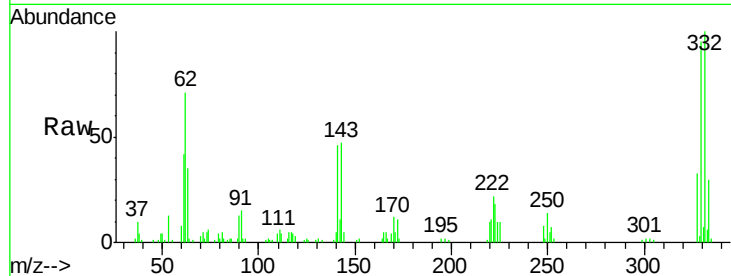




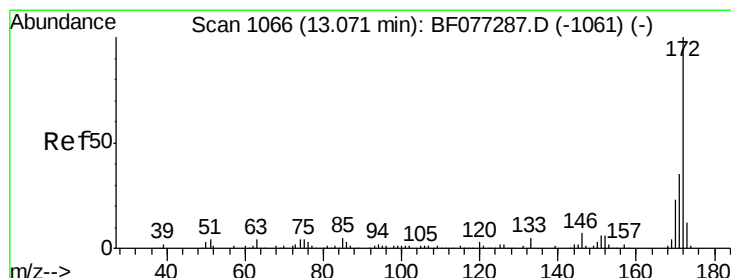
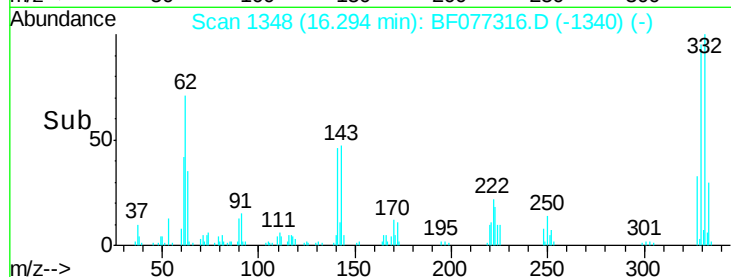
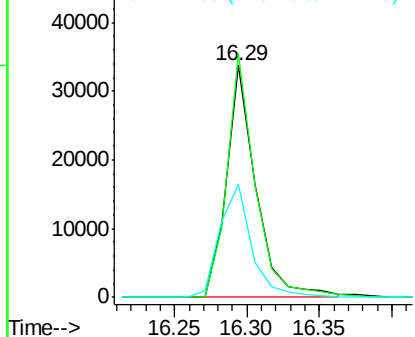
#41
 2,4,6-Tribromophenol
 Concen: 99.57 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF077316.D
 Acq: 13 Feb 2015 19:41

Instrument :
 BNA_F
 ClientSampleId :
 1003-20(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.6	0.0	0.0#
141	52.6	0.0	0.0#

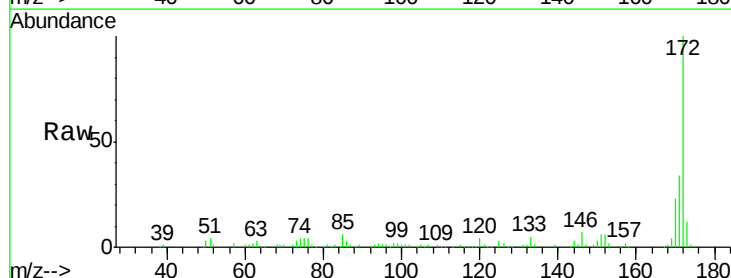


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

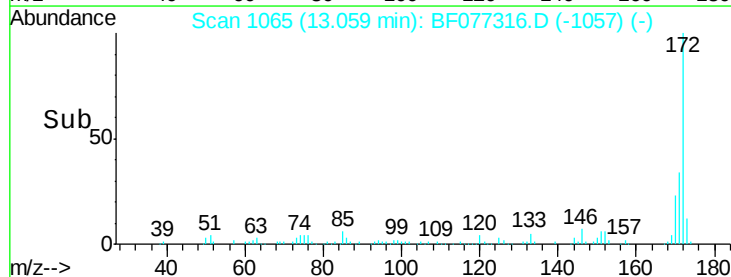
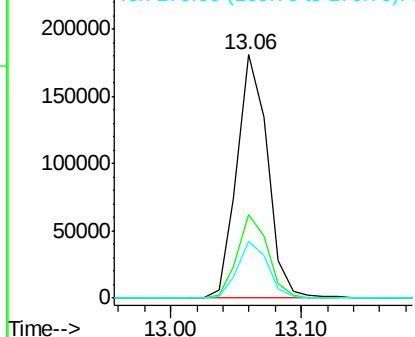


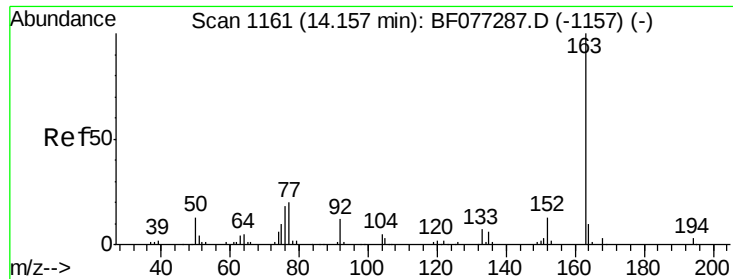
#44
 2-Fluorobiphenyl
 Concen: 76.22 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF077316.D
 Acq: 13 Feb 2015 19:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.8
170	23.1	18.3	27.5



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

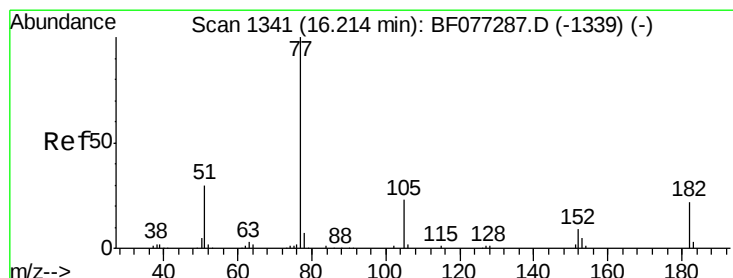
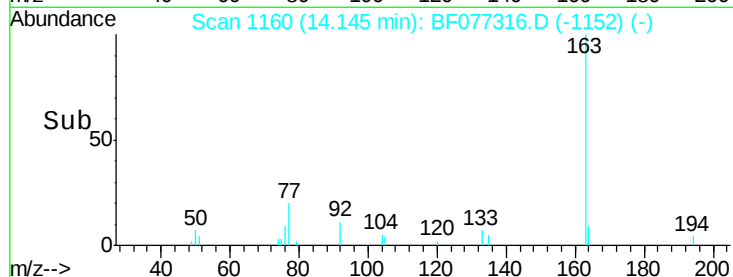
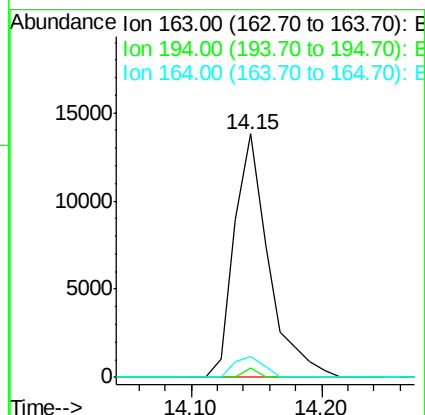
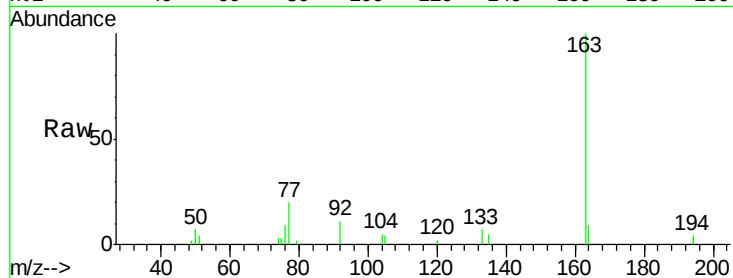




#49
Dimethylphthalate
Concen: 5.95 ng
RT: 14.15 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF077316.D
Acq: 13 Feb 2015 19:41

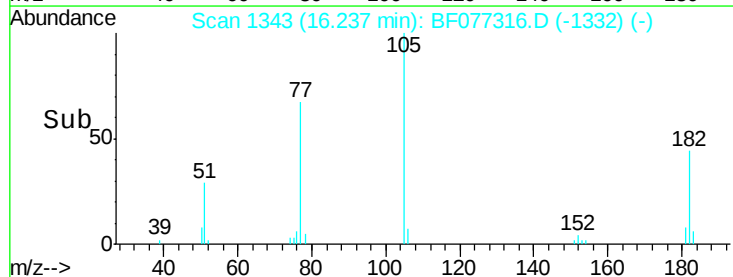
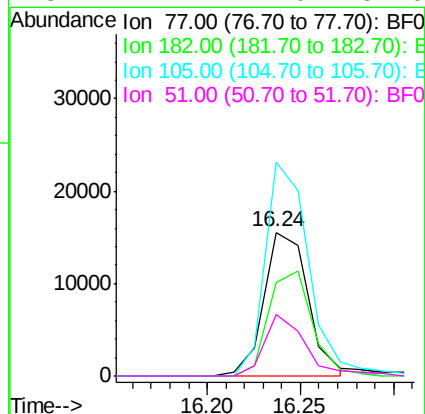
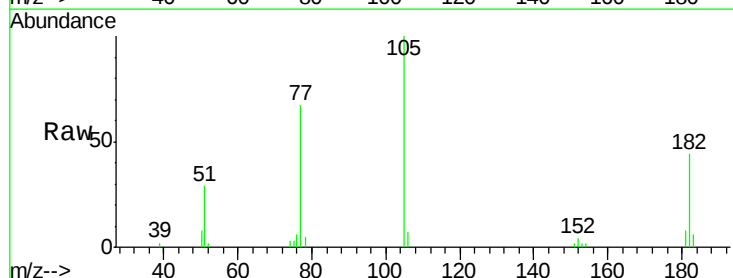
Instrument :
BNA_F
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1003-20(0-2)

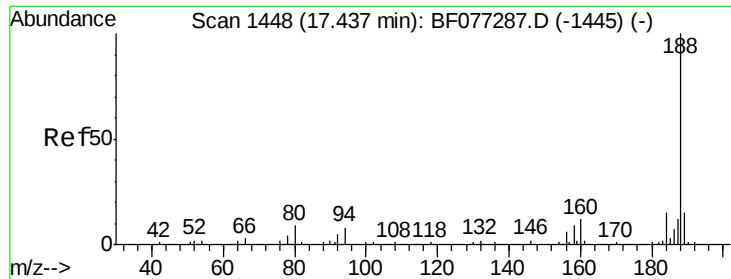
Tgt Ion: 163 Resp: 25230
Ion Ratio Lower Upper
163 100
194 3.9 2.3 3.5#
164 8.8 7.6 11.4



#62
Azobenzene
Concen: 6.05 ng
RT: 16.24 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF077316.D
Acq: 13 Feb 2015 19:41

Tgt Ion: 77 Resp: 25504
Ion Ratio Lower Upper
77 100
182 64.9 0.9 40.9#
105 148.3 2.2 42.2#
51 42.7 12.0 52.0

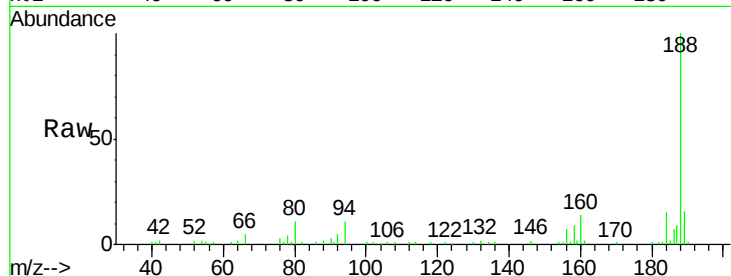




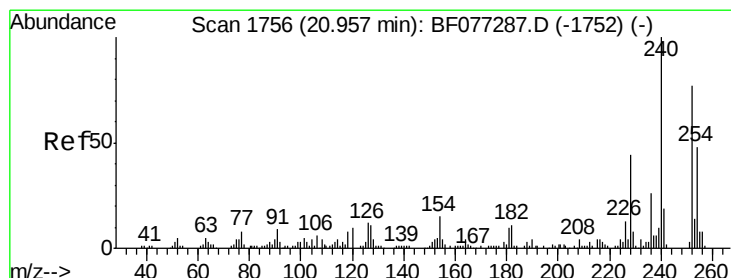
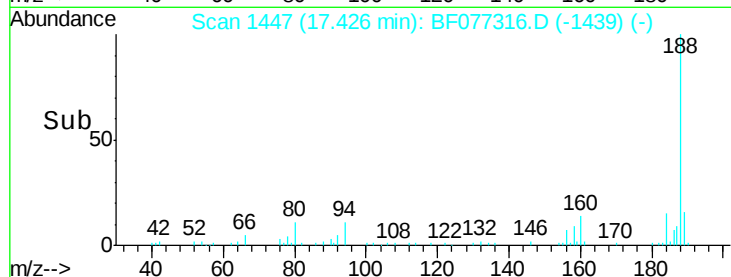
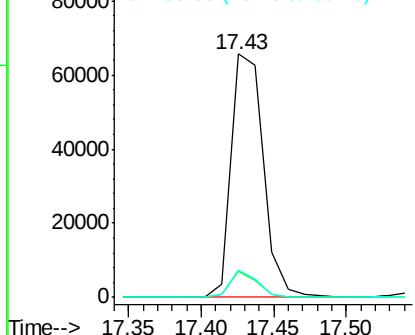
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF077316.D
Acq: 13 Feb 2015 19:41

Instrument :
BNA_F
ClientSampleId :
1003-20(0-2)

Tgt Ion:188 Resp: 101226
Ion Ratio Lower Upper
188 100
94 10.9 6.5 9.7#
80 11.3 7.1 10.7#

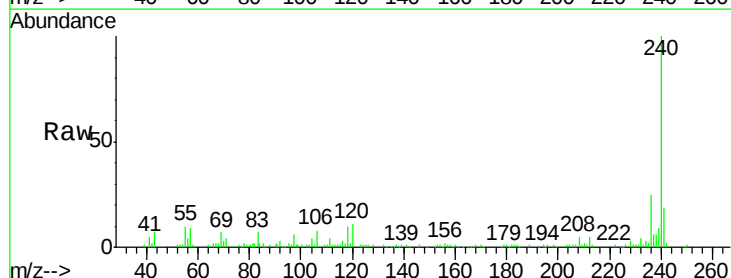


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

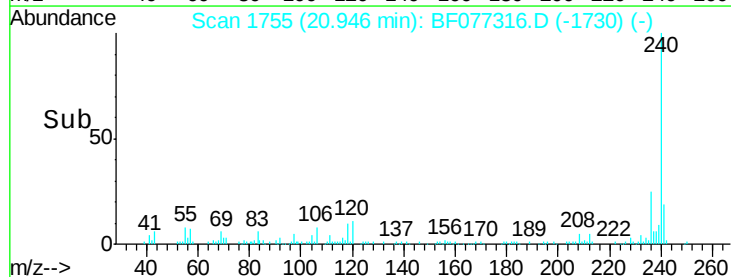
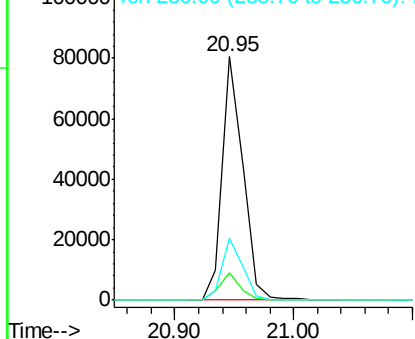


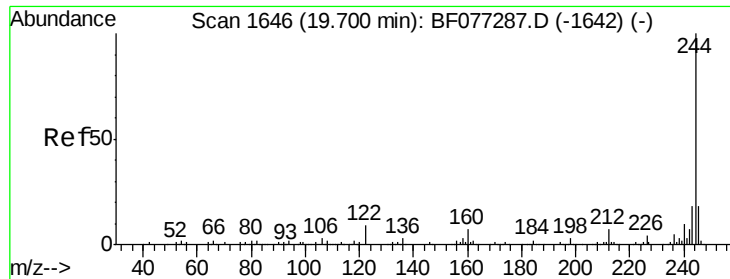
#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.95 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF077316.D
Acq: 13 Feb 2015 19:41

Tgt Ion:240 Resp: 97048
Ion Ratio Lower Upper
240 100
120 11.1 7.8 11.8
236 25.2 20.4 30.6



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

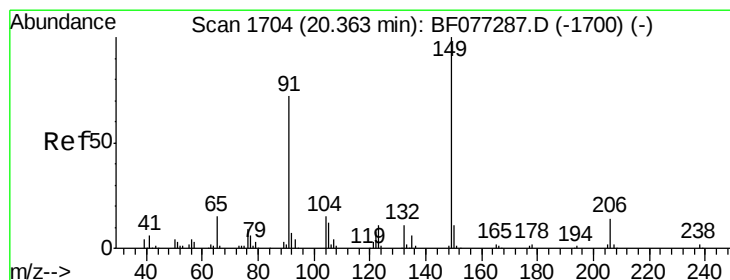
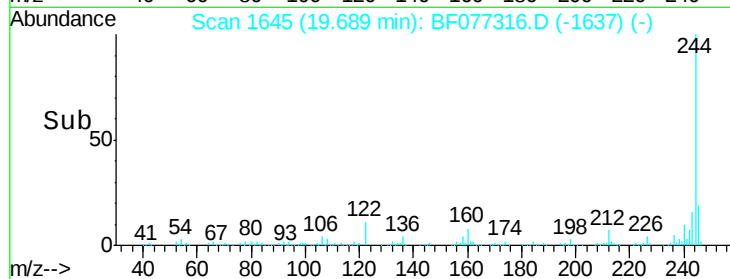
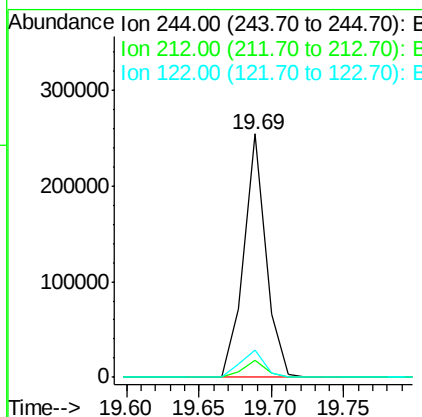
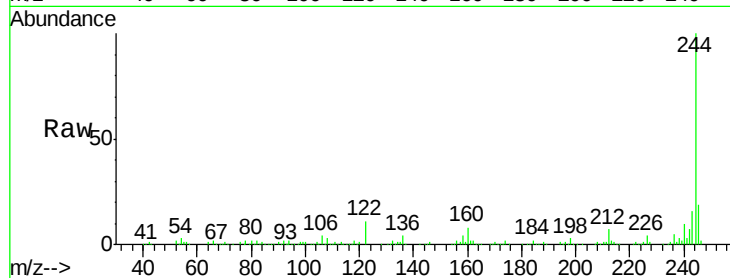




#78
 Terphenyl-d14
 Concen: 62.82 ng
 RT: 19.69 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF077316.D
 Acq: 13 Feb 2015 19:41

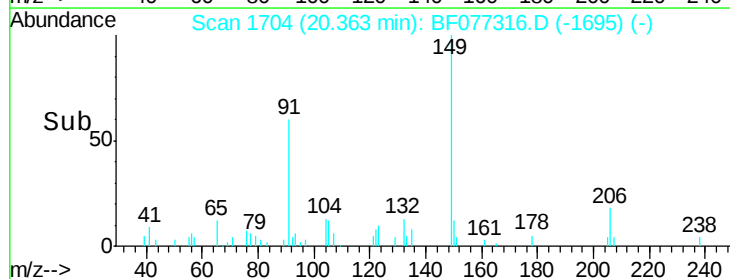
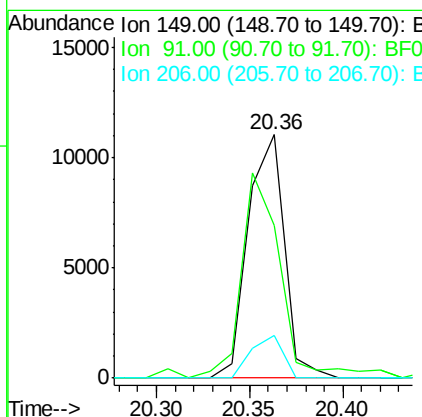
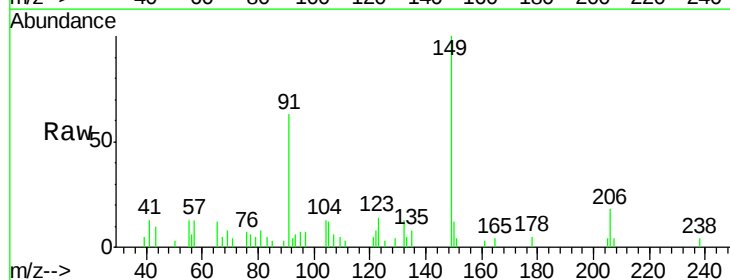
Instrument :
 BNA_F
 ClientSampleId :
 1003-20(0-2)

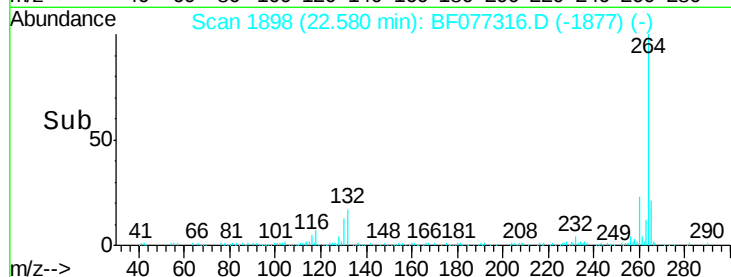
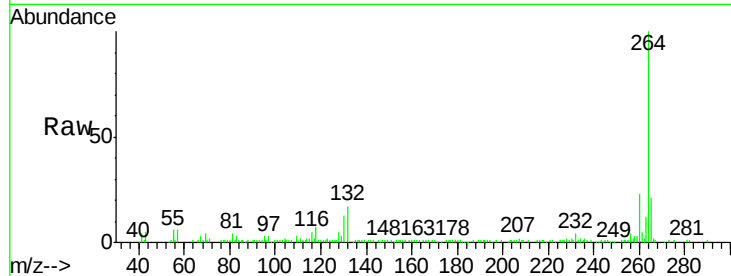
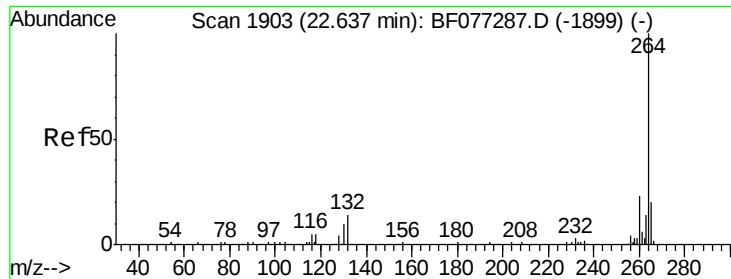
Tgt Ion: 244 Resp: 271408
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.1 7.0 10.4#



#79
 Butylbenzylphthalate
 Concen: 4.54 ng
 RT: 20.36 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BF077316.D
 Acq: 13 Feb 2015 19:41

Tgt Ion: 149 Resp: 14870
 Ion Ratio Lower Upper
 149 100
 91 62.8 57.3 85.9
 206 17.7 11.6 17.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.58 min Scan# 1898
Delta R.T. -0.06 min
Lab File: BF077316.D
Acq: 13 Feb 2015 19:41

Instrument :
BNA_F
ClientSampleId :
1003-20(0-2)

Tgt Ion:	264	Resp:	90507
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.6	27.8
265	20.9	16.2	24.2

