

Data Path : Z:\HPCHEM1\BNA F\Data\BF012615\
 Data File : BF077095.D
 Acq On : 27 Jan 2015 21:04
 Operator : TP/IZ
 Sample : G1138-06
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 04:45:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 04:24:51 2015
 Response via : Initial Calibration

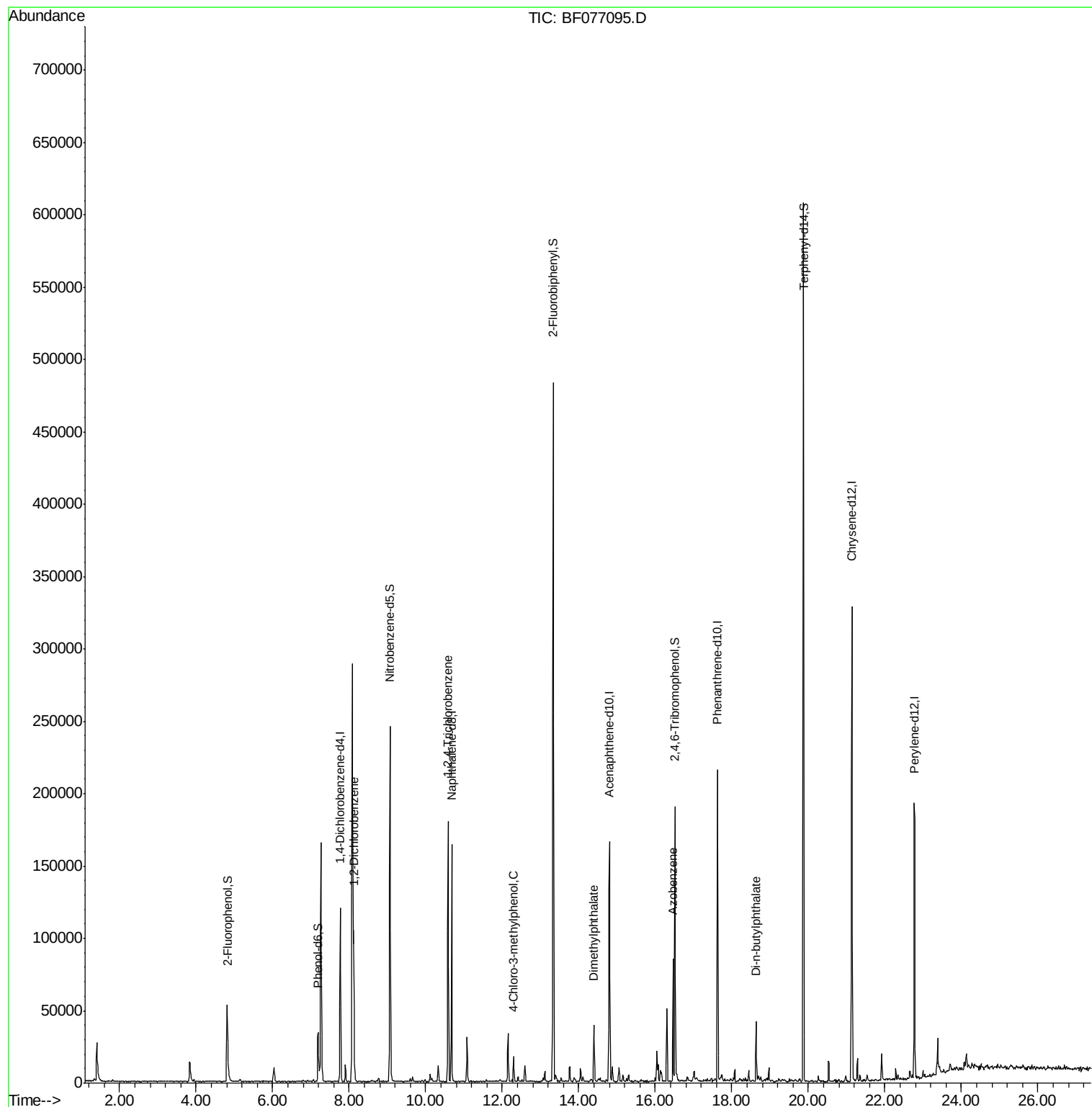
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	32153	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	134050	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	64591	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	118190	20.00	ng	-0.01
75) Chrysene-d12	21.13	240	115149	20.00	ng	0.00
86) Perylene-d12	22.78	264	110973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.81	112	36291	18.56	ng	0.01
7) Phenol-d6	7.19	99	27350	11.09	ng	0.01
23) Nitrobenzene-d5	9.06	82	122479	50.62	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	26299	50.16	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	252909	59.59	ng	0.00
78) Terphenyl-d14	19.88	244	270035	53.99	ng	0.00
Target Compounds						Qvalue
14) 1,2-Dichlorobenzene	8.12	146	38816	15.49	ng	94
30) 1,2,4-Trichlorobenzene	10.58	180	53461	27.09	ng	98
36) 4-Chloro-3-methylphenol	12.30	107	4356	2.14	ng	# 19
49) Dimethylphthalate	14.39	163	28513	6.22	ng	97
62) Azobenzene	16.46	77	24281	5.03	ng	# 1
73) Di-n-butylphthalate	18.63	149	21814	2.70	ng	# 98

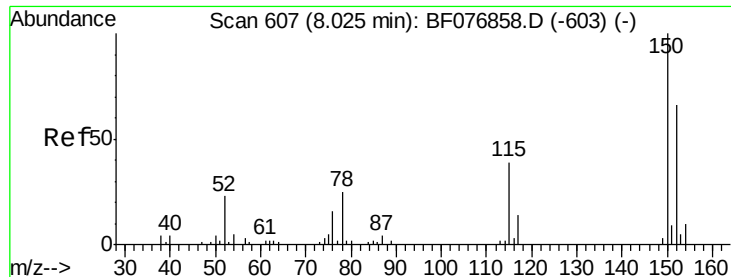
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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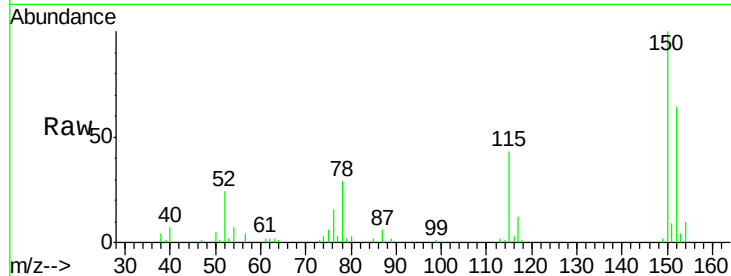


#1

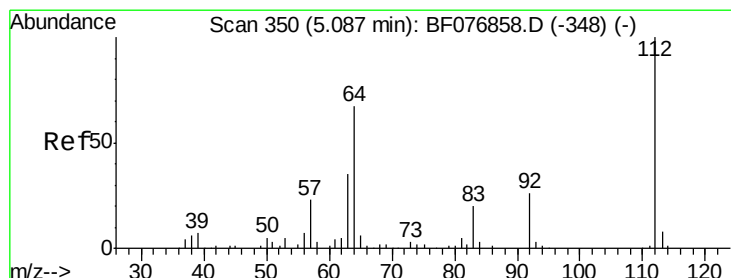
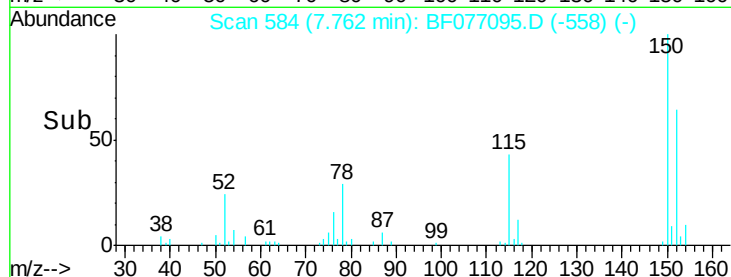
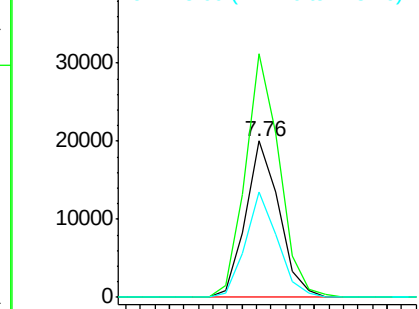
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077095.D
Acq: 27 Jan 2015 21:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 32153
Ion Ratio Lower Upper
152 100
150 155.9 121.7 182.5
115 67.1 47.0 70.6



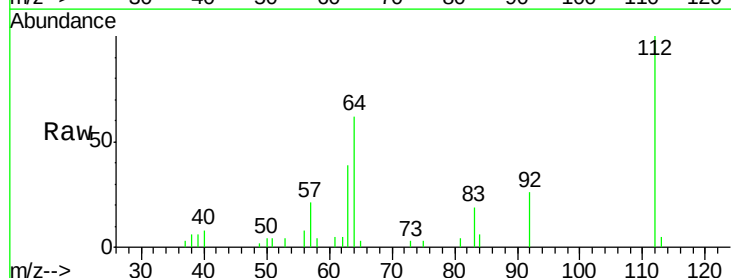
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



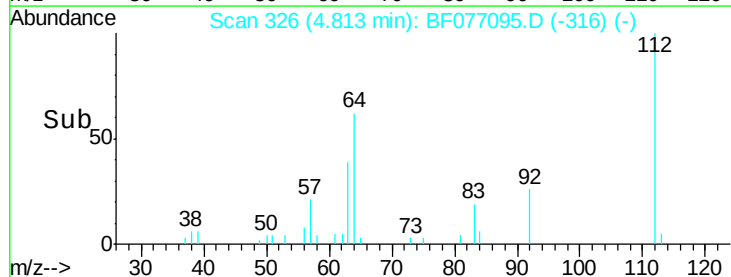
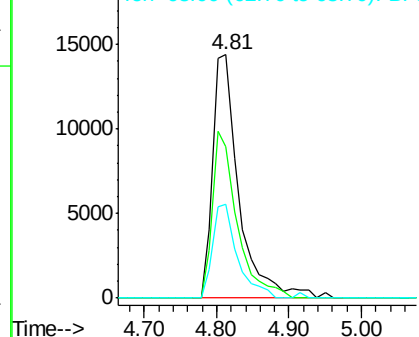
#5

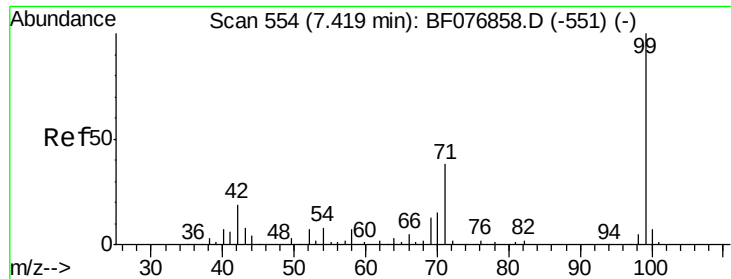
2-Fluorophenol
Concen: 18.56 ng
RT: 4.81 min Scan# 326
Delta R.T. 0.01 min
Lab File: BF077095.D
Acq: 27 Jan 2015 21:04

Tgt Ion:112 Resp: 36291
Ion Ratio Lower Upper
112 100
64 62.0 54.2 81.4
63 38.7 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: 11.09 ng

RT: 7.19 min Scan# 534

Delta R.T. 0.01 min

Lab File: BF077095.D

Acq: 27 Jan 2015 21:04

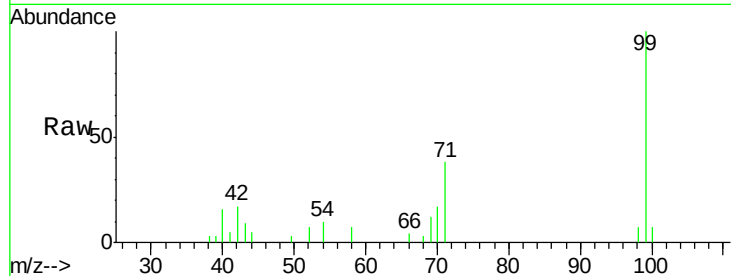
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 27350

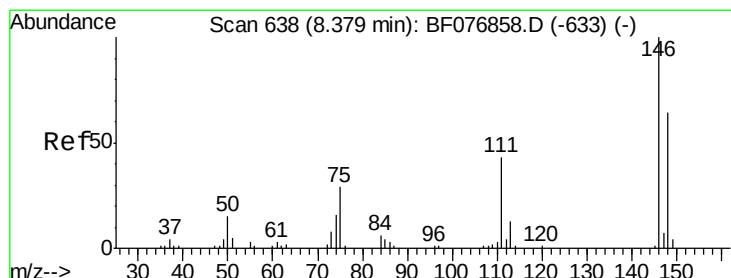
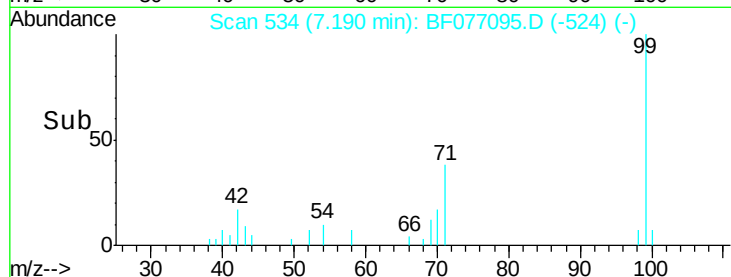
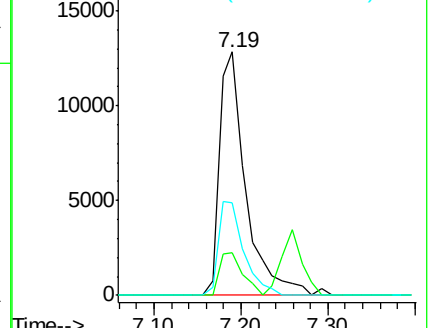
Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.0	22.4
71	37.9	30.5	45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)



#14

1,2-Dichlorobenzene

Concen: 15.49 ng

RT: 8.12 min Scan# 615

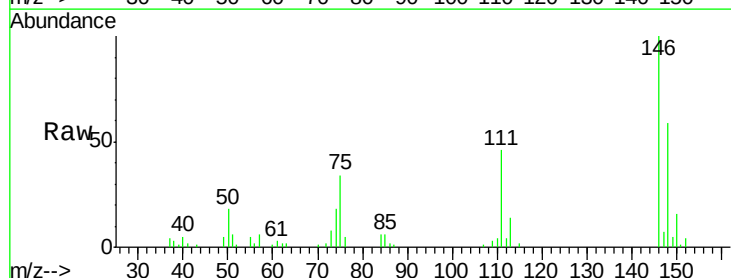
Delta R.T. -0.01 min

Lab File: BF077095.D

Acq: 27 Jan 2015 21:04

Tgt Ion: 146 Resp: 38816

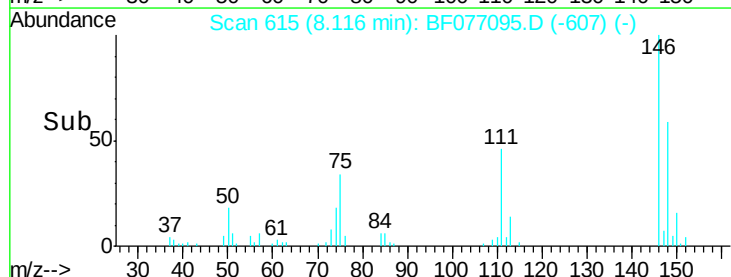
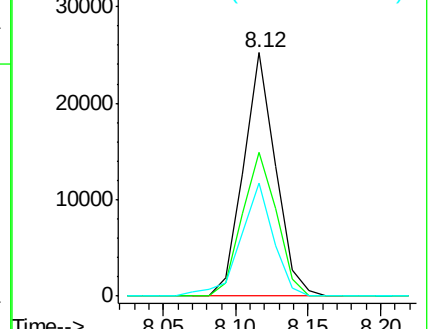
Ion	Ratio	Lower	Upper
146	100		
148	59.1	51.3	76.9
111	46.2	34.5	51.7

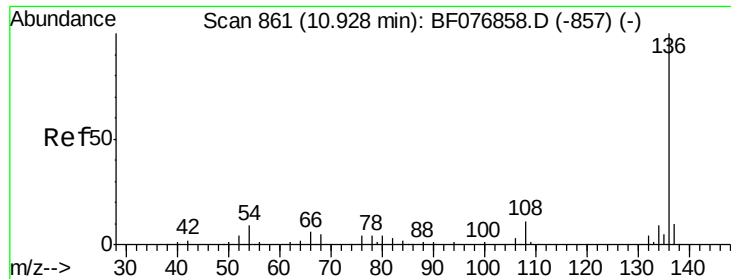


Abundance Ion 146.00 (145.70 to 146.70): BF076858.D (-633) (-)

Ion 148.00 (147.70 to 148.70): BF076858.D (-633) (-)

Ion 111.00 (110.70 to 111.70): BF076858.D (-633) (-)

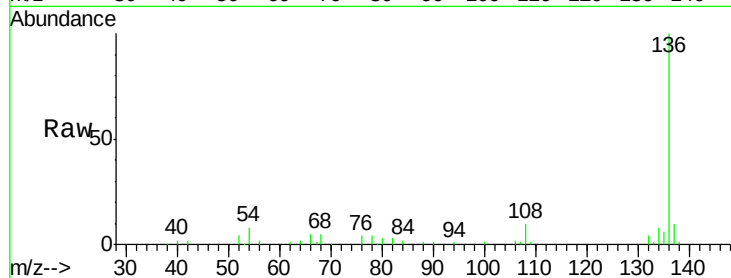




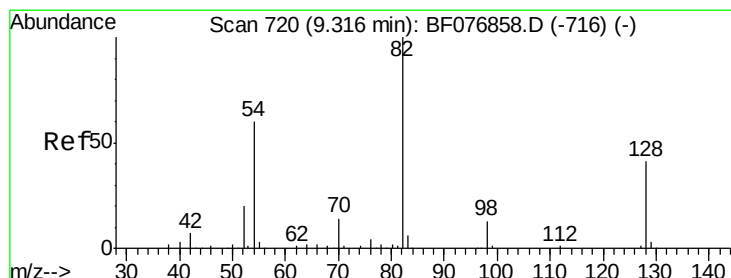
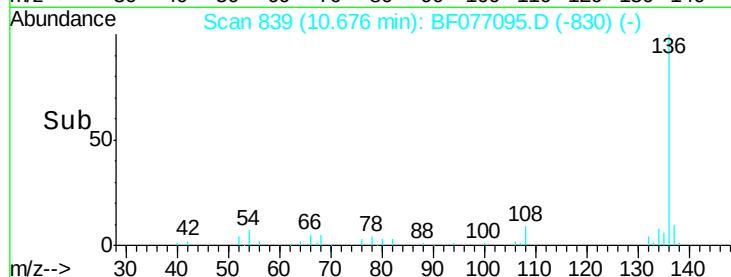
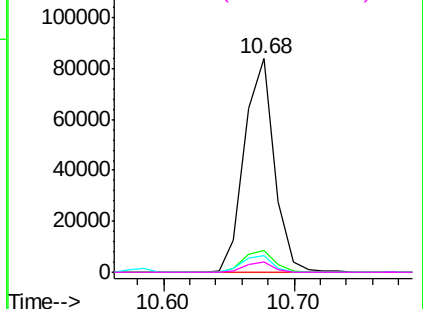
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077095.D
Acq: 27 Jan 2015 21:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	134050
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.1 12.1
54	7.8	7.0 10.4
68	4.7	3.7 5.5

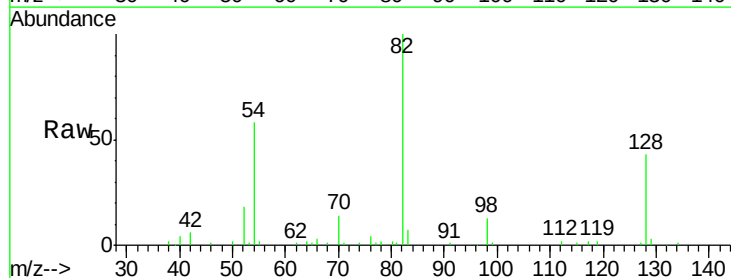


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

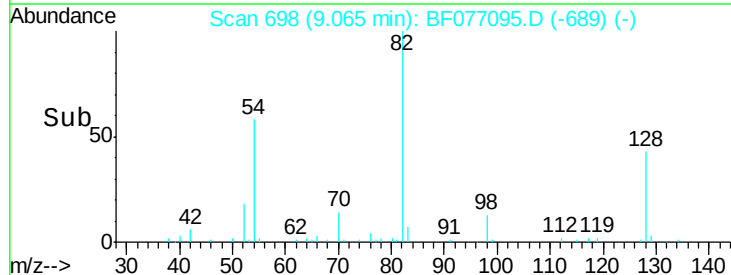
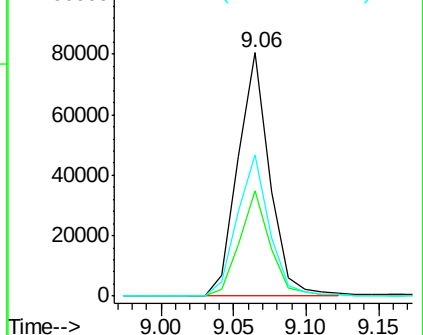


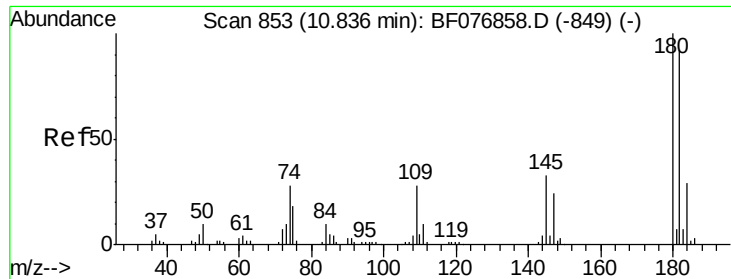
#23
Nitrobenzene-d5
Concen: 50.62 ng
RT: 9.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF077095.D
Acq: 27 Jan 2015 21:04

Tgt Ion: 82	Resp:	122479
Ion	Ratio	Lower Upper
82	100	
128	43.4	33.1 49.7
54	58.0	48.3 72.5



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

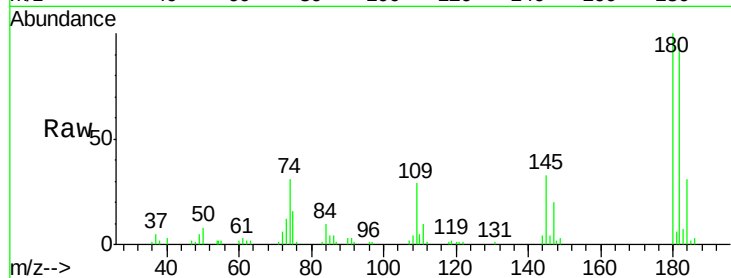




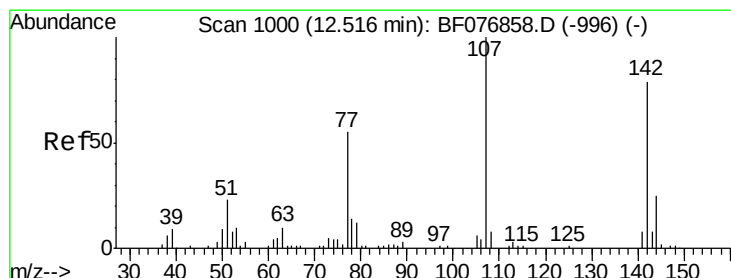
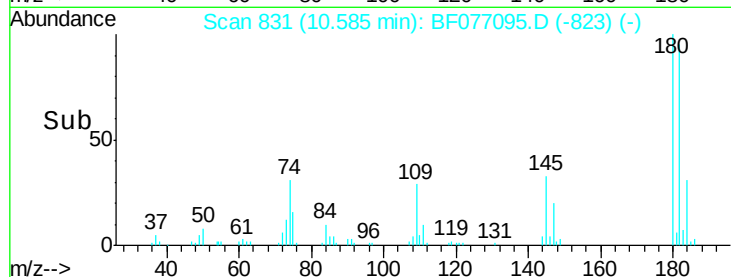
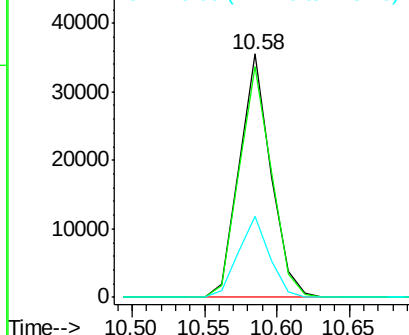
#30
 1,2,4-Trichlorobenzene
 Concen: 27.09 ng
 RT: 10.58 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF077095.D
 Acq: 27 Jan 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 53461
 Ion Ratio Lower Upper
 180 100
 182 94.6 73.6 110.4
 145 33.4 26.6 39.8

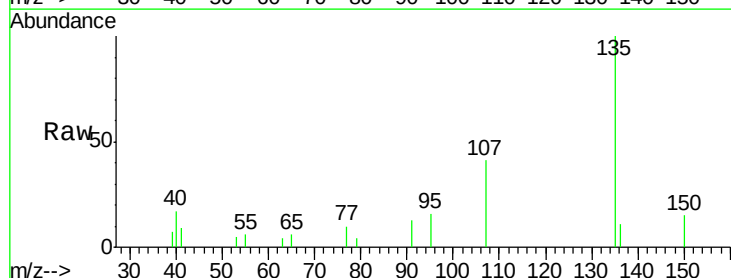


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

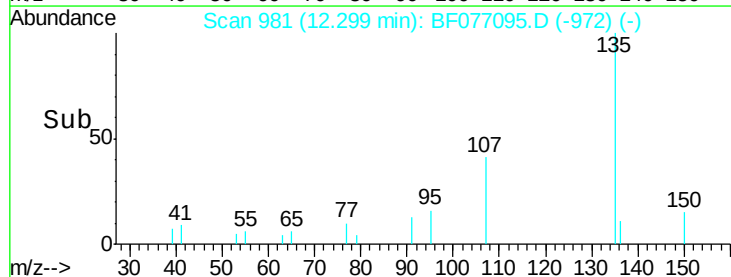
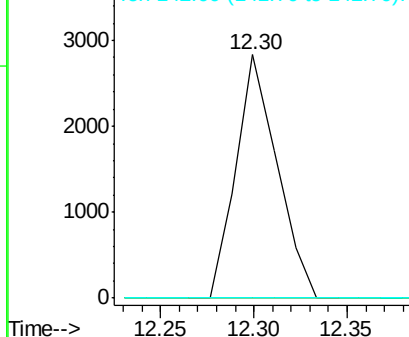


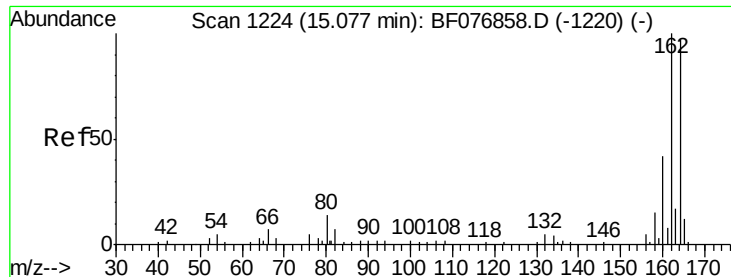
#36
 4-Chloro-3-methylphenol
 Concen: 2.14 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF077095.D
 Acq: 27 Jan 2015 21:04

Tgt Ion:107 Resp: 4356
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.0 30.0#
 142 0.0 63.5 95.3#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

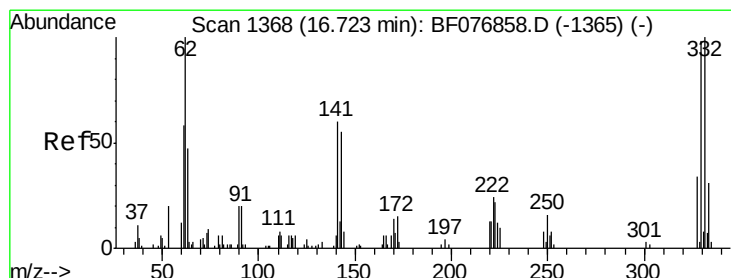
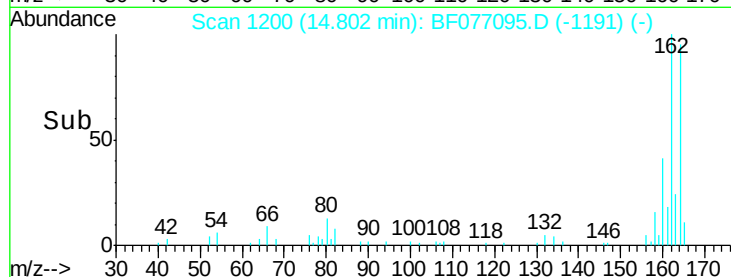
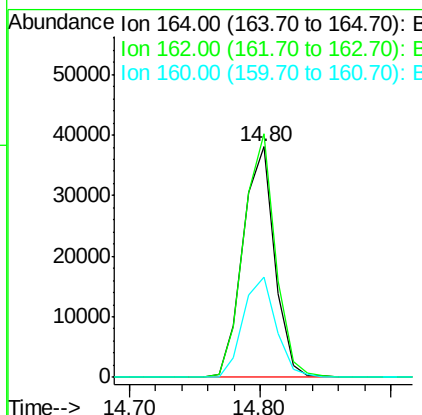
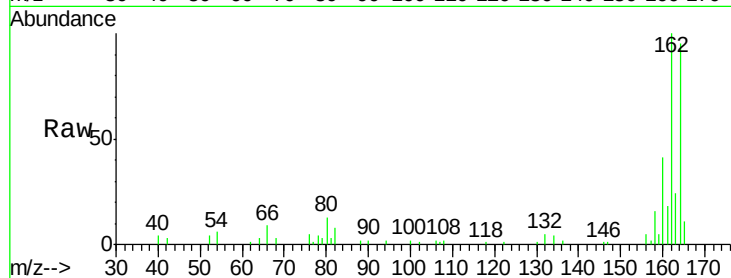




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF077095.D
 Acq: 27 Jan 2015 21:04

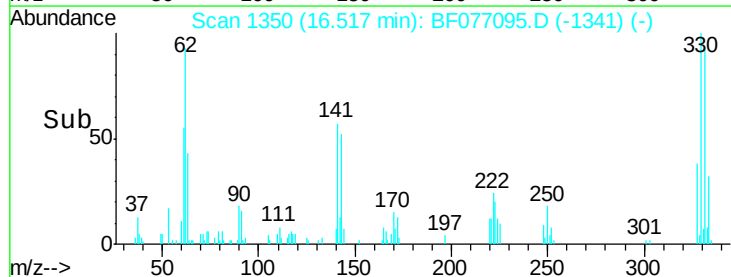
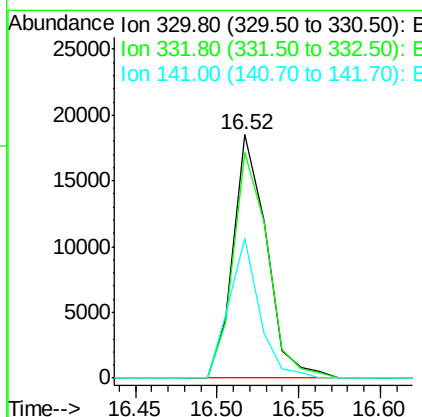
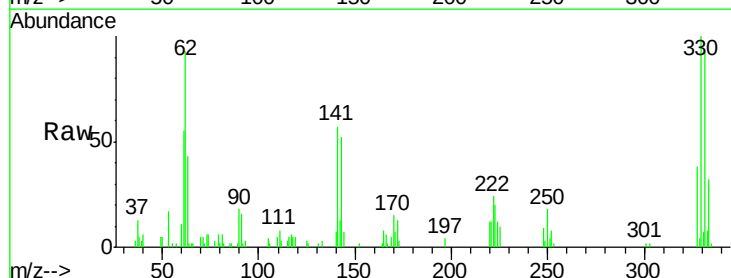
Instrument :
 BNA_F
 ClientSampleId :

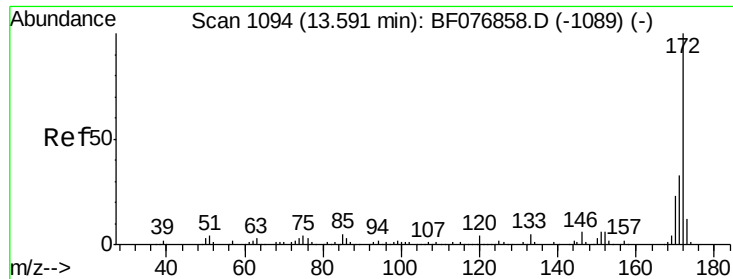
Tot Ion:164 Resp: 64591
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.4 123.6
 160 43.6 34.8 52.2



#41
 2,4,6-Tribromophenol
 Concen: 50.16 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF077095.D
 Acq: 27 Jan 2015 21:04

Tgt Ion:330 Resp: 26299
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.8 116.6
 141 52.0 38.5 57.7

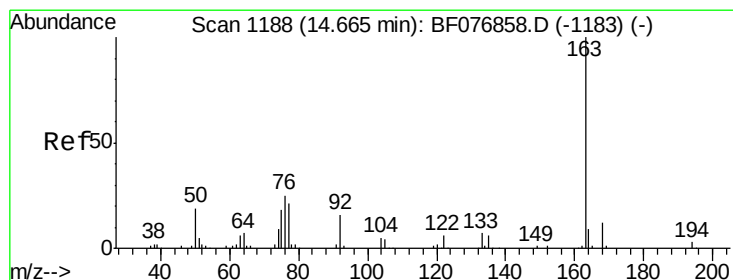
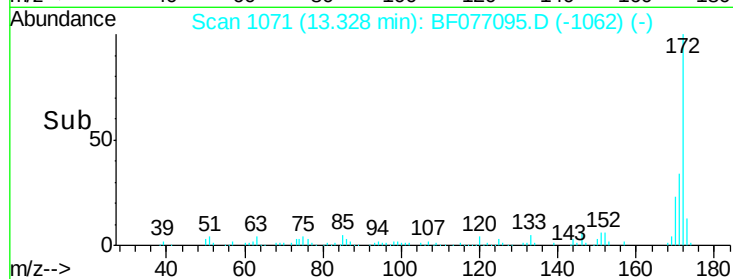
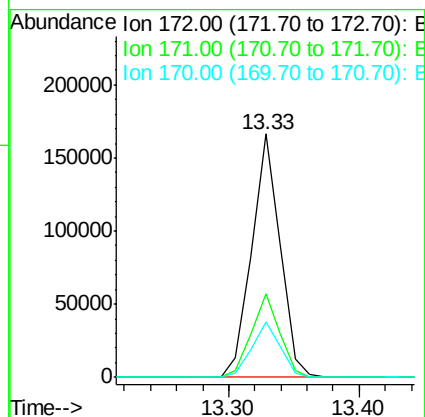
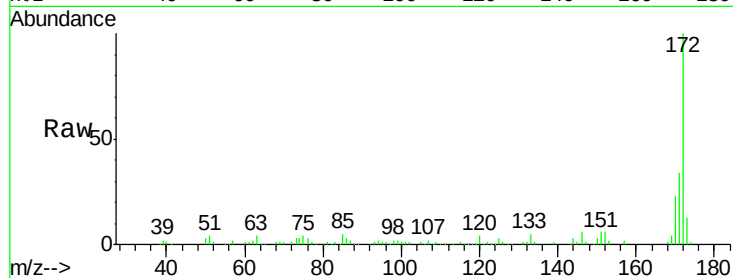




#44
2-Fluorobiphenyl
Concen: 59.59 ng
RT: 13.33 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF077095.D
Acq: 27 Jan 2015 21:04

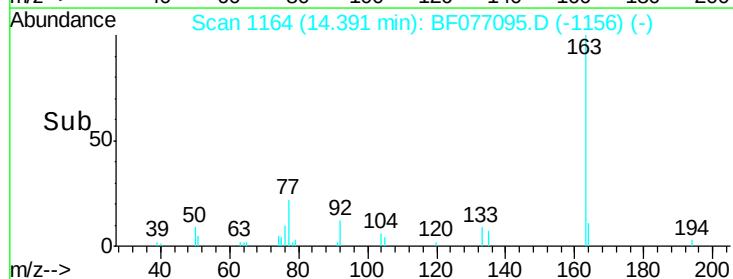
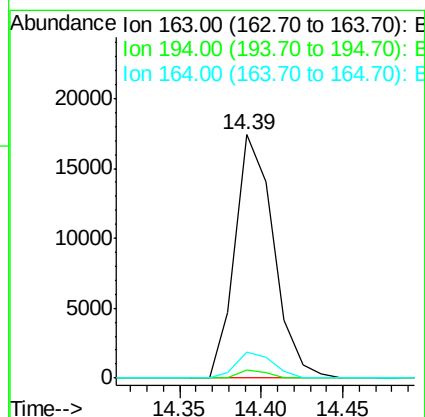
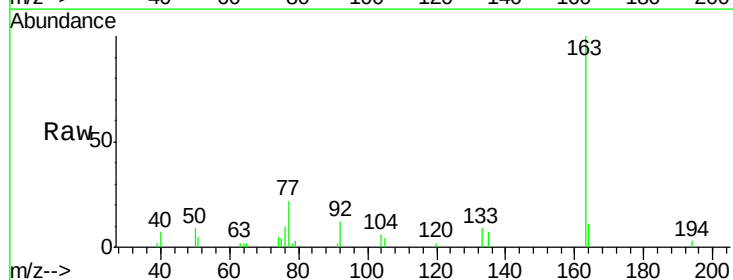
Instrument :
BNA_F
ClientSampleId :

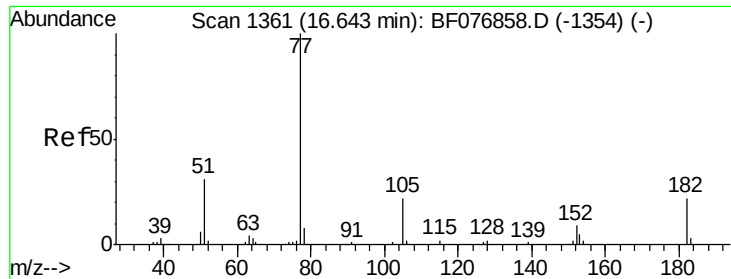
Tot Ion:172 Resp: 252909
Ion Ratio Lower Upper
172 100
171 34.5 26.6 40.0
170 22.8 18.0 27.0



#49
Dimethylphthalate
Concen: 6.22 ng
RT: 14.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF077095.D
Acq: 27 Jan 2015 21:04

Tgt Ion:163 Resp: 28513
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.7 7.5 11.3





#62

Azobenzene

Concen: 5.03 ng

RT: 16.46 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF077095.D

Acq: 27 Jan 2015 21:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 24281

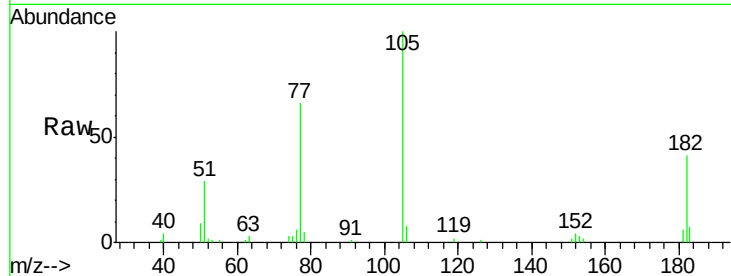
Ion Ratio Lower Upper

77 100

182 61.6 2.0 42.0#

105 151.3 2.3 42.3#

51 43.7 10.7 50.7

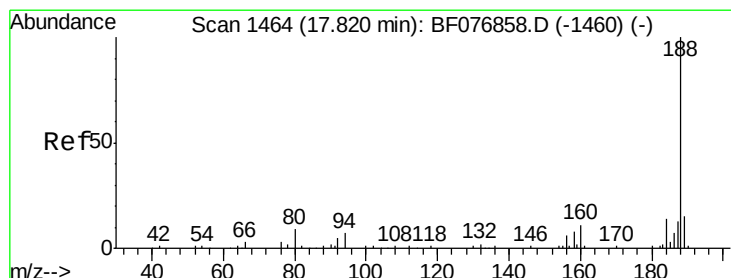
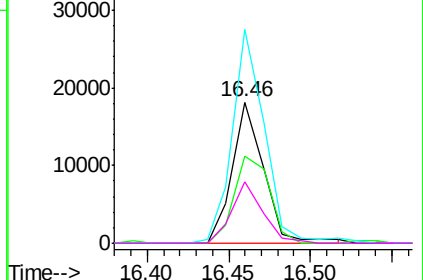
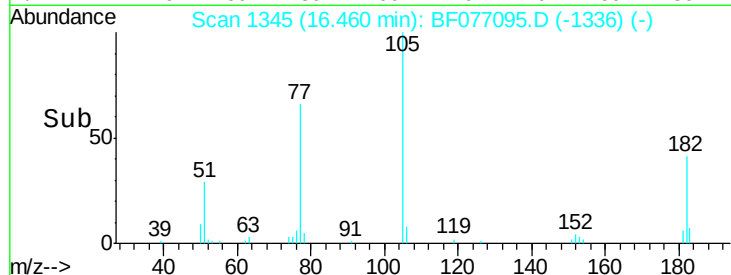


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF077095.D

Acq: 27 Jan 2015 21:04

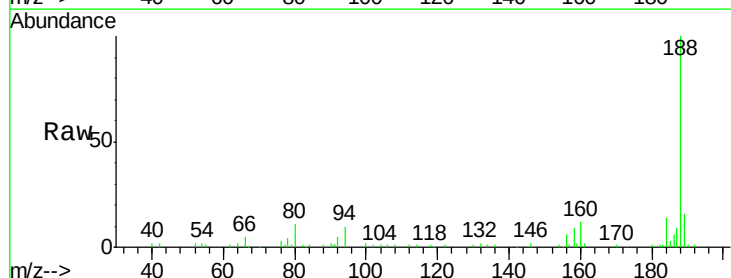
Tgt Ion: 188 Resp: 118190

Ion Ratio Lower Upper

188 100

94 9.6 6.0 9.0#

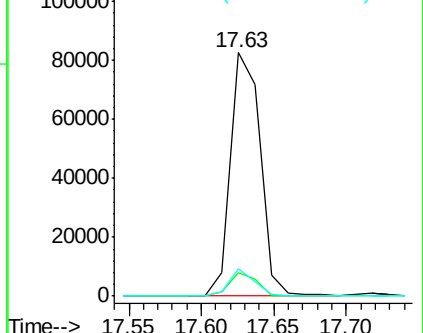
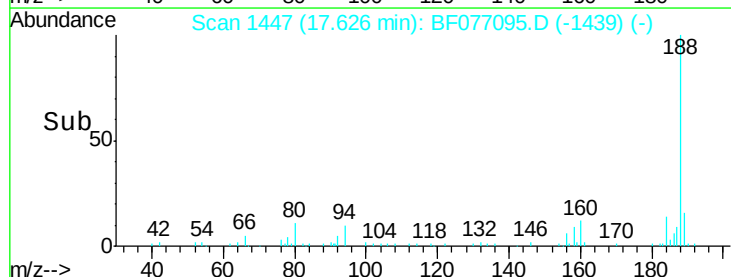
80 11.3 6.9 10.3#

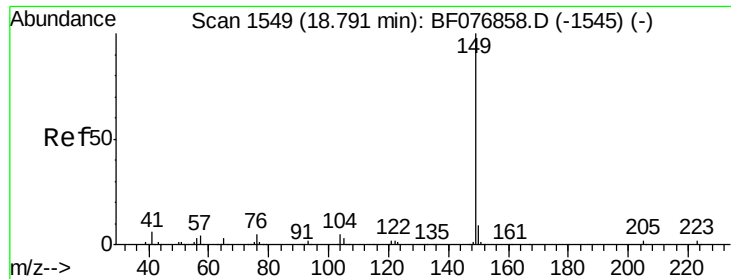


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 2.70 ng

RT: 18.63 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF077095.D

Acq: 27 Jan 2015 21:04

Instrument :

BNA_F

ClientSampled :

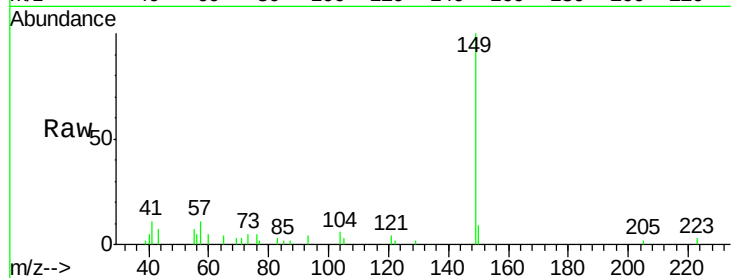
Tot Ion:149 Resp: 21814

Ion Ratio Lower Upper

149 100

150 8.9 6.9 10.3

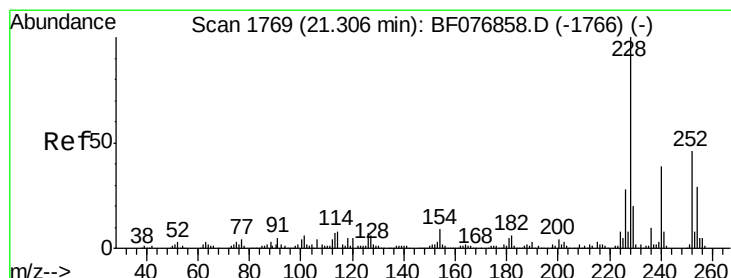
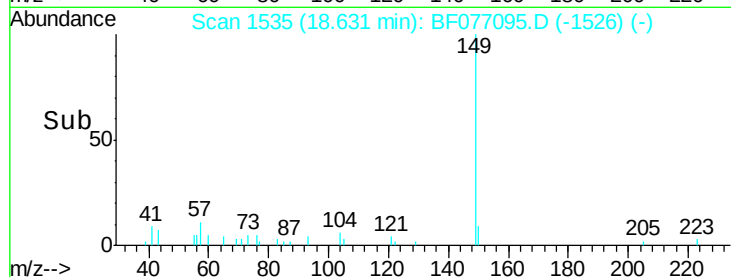
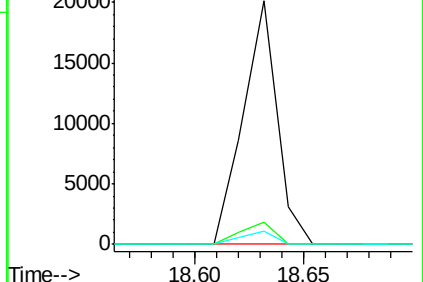
104 5.6 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.13 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BF077095.D

Acq: 27 Jan 2015 21:04

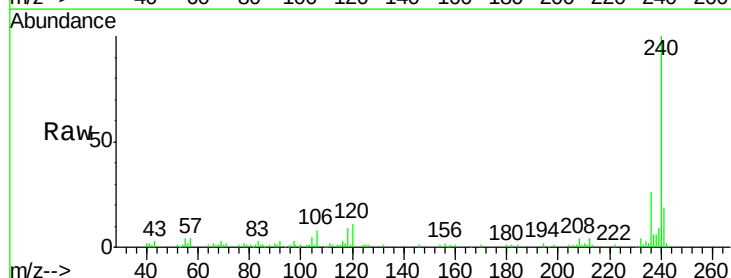
Tgt Ion:240 Resp: 115149

Ion Ratio Lower Upper

240 100

120 11.3 10.4 15.6

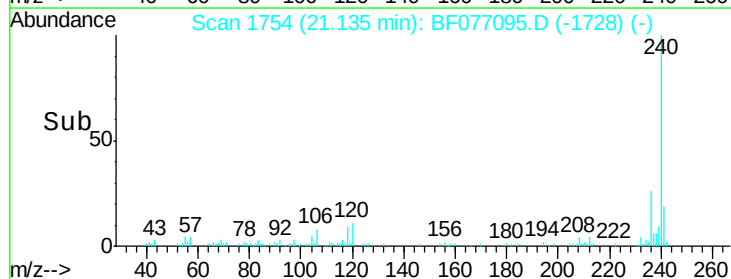
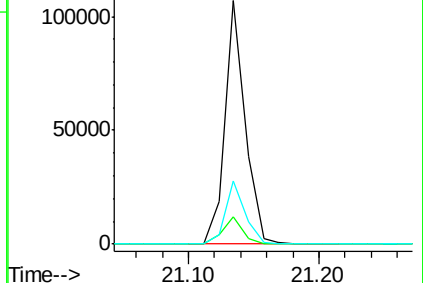
236 25.7 20.2 30.2

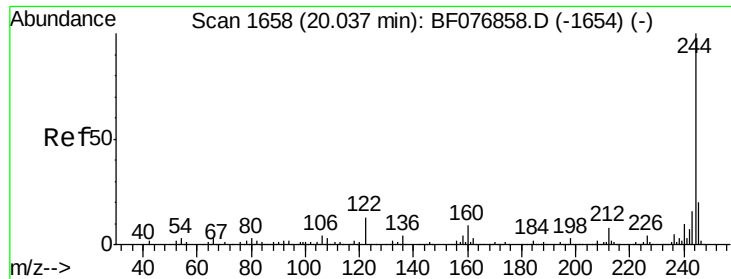


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

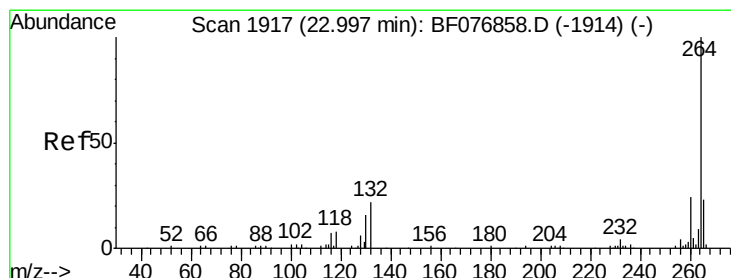
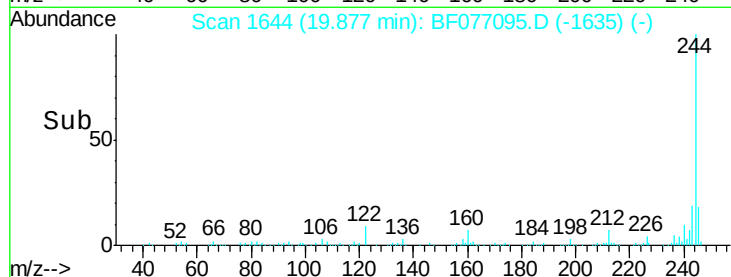
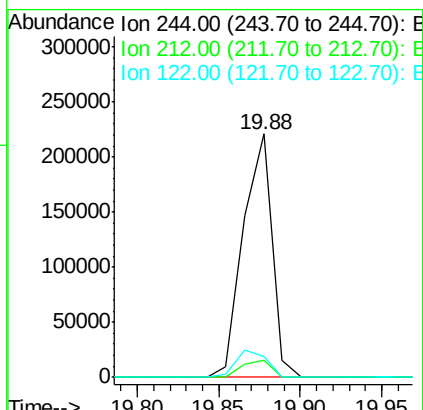
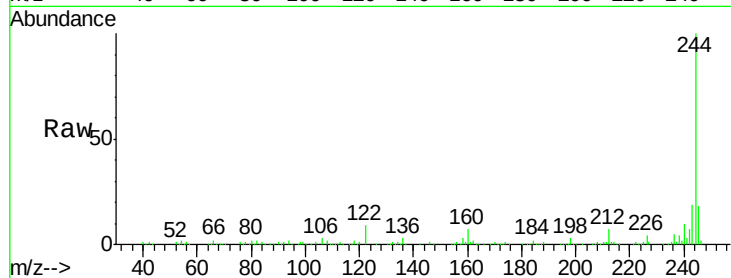




#78
 Terphenyl-d14
 Concen: 53.99 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077095.D
 Acq: 27 Jan 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 270035
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 8.7 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.78 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BF077095.D
 Acq: 27 Jan 2015 21:04

Tgt Ion:264 Resp: 110973
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.4
 265 21.6 18.1 27.1

