

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079748.D
 Acq On : 6 Jun 2015 1:38
 Operator : TP/IZ
 Sample : G2443-01 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-024

Manual Integrations
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 6/9/2015 8:10:09 AM

Quant Time: Jun 08 15:40:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:29:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	58542	20.00	ng	-0.01
21) Naphthalene-d8	8.79	136	236808	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	132251	20.00	ng	0.00
63) Phenanthrene-d10	12.07	188	265925	20.00	ng	0.00
75) Chrysene-d12	14.96	240	277726	20.00	ng	0.02
86) Perylene-d12	16.88	264	274196	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	42243	12.09	ng	0.00
7) Phenol-d6	7.07	99	52280	11.59	ng	-0.01
23) Nitrobenzene-d5	8.04	82	23373	6.06	ng	0.00
41) 2,4,6-Tribromophenol	11.35	330	10229	8.09	ng	-0.01
44) 2-Fluorobiphenyl	9.86	172	64793	6.64	ng	0.00
78) Terphenyl-d14	13.73	244	84271	6.95	ng	0.01
Target Compounds						
74) Fluoranthene	13.34	202	38598	2.26	ng	96
77) Pyrene	13.59	202	34502	2.03	ng	99

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

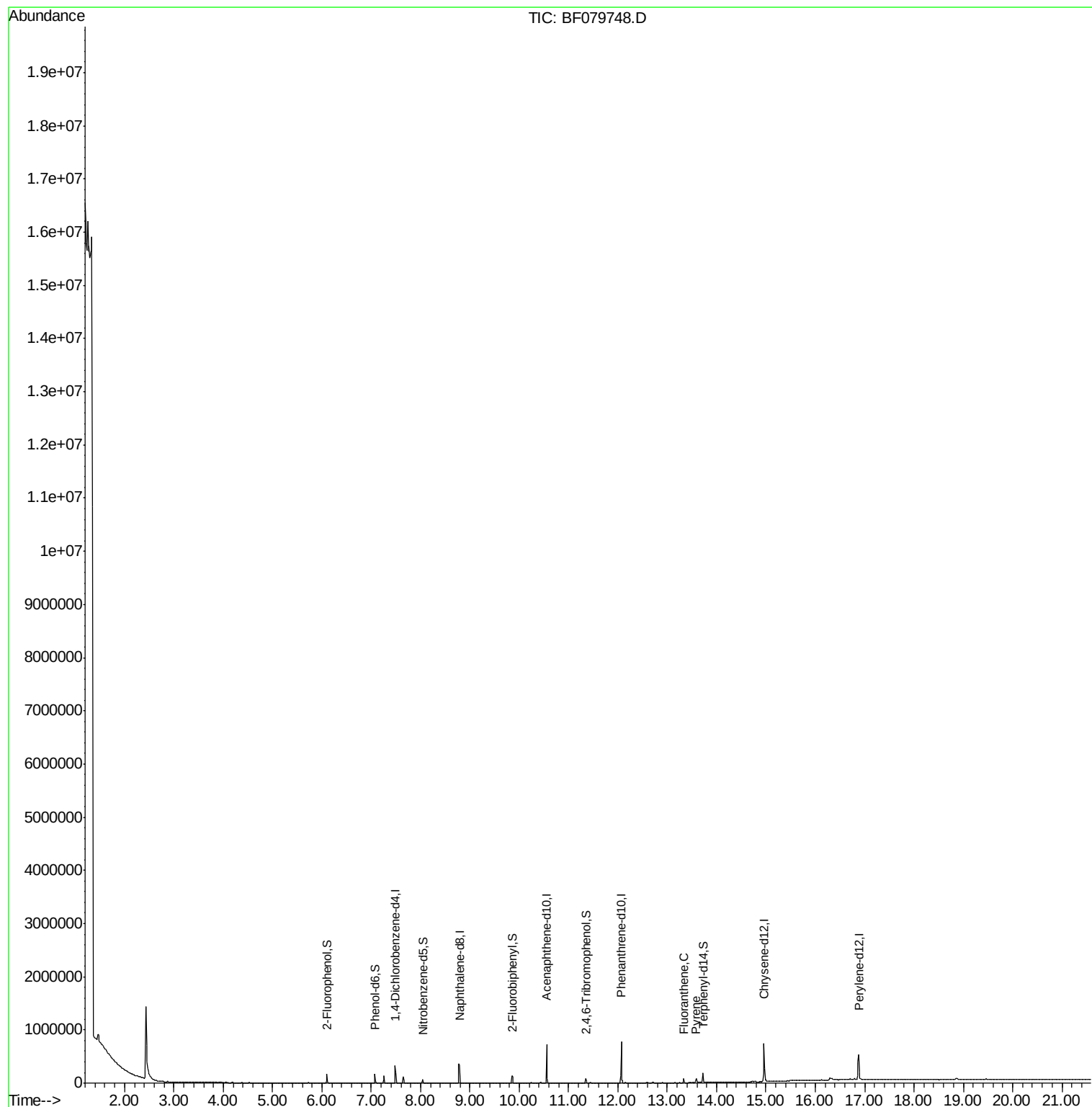
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079748.D
Acq On : 6 Jun 2015 1:38
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Sample : G2443-01 10X
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ALS Vial : 10 Sample Multiplier: 1

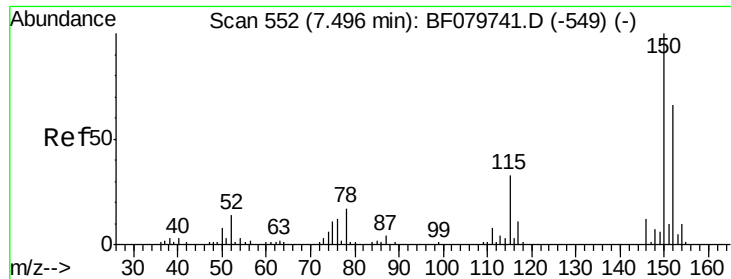
Instrument :
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#1

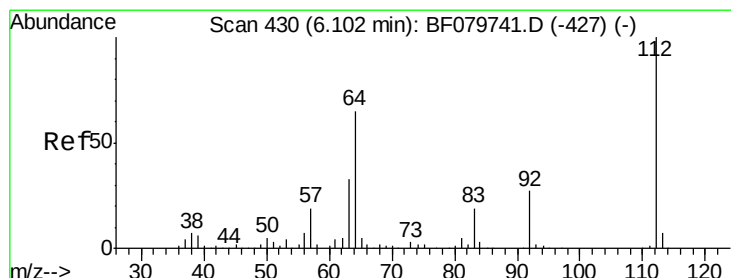
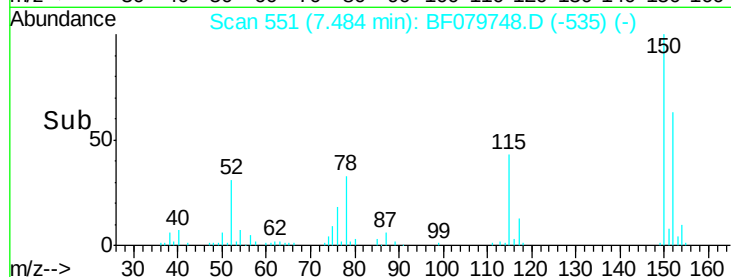
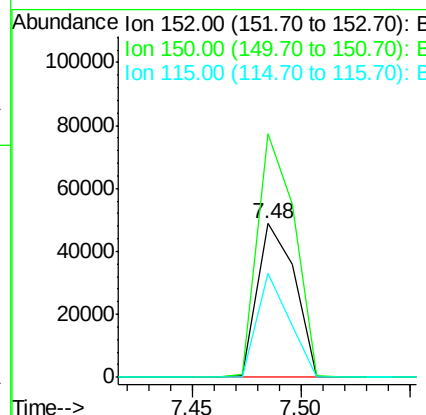
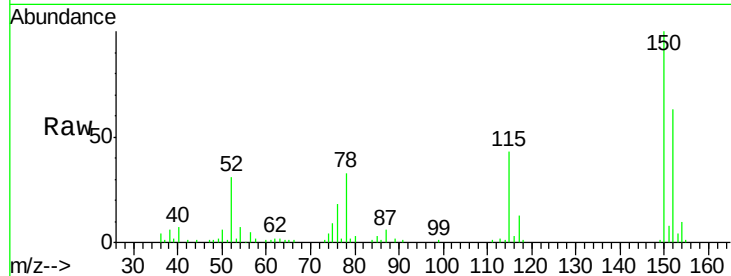
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

Instrument :
BNA_F
ClientSampled :
SW-024

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	128.1	192.1
115	67.7	49.7	74.5

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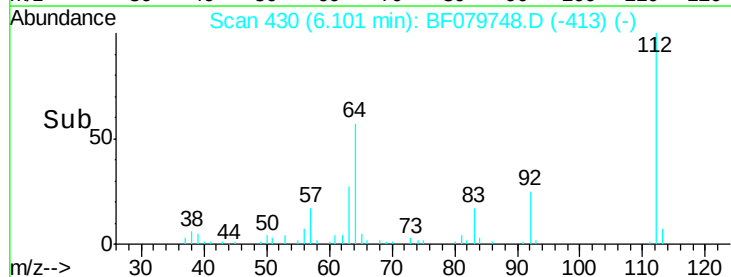
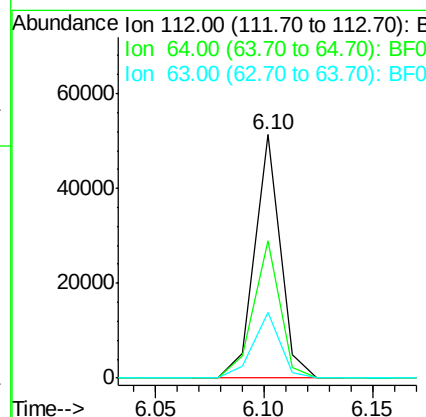
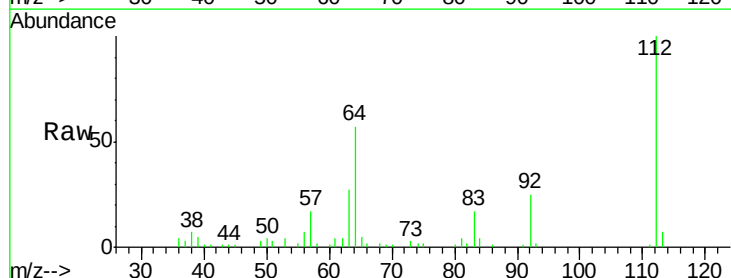
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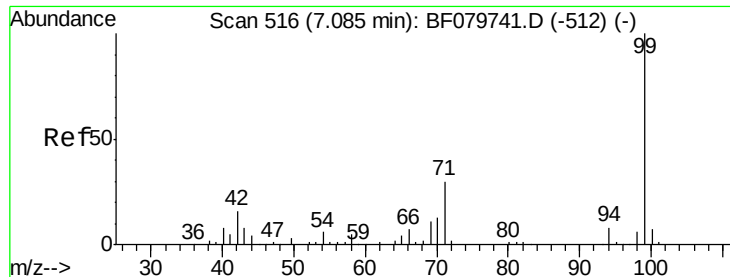


#5

2-Fluorophenol
Concen: 12.09 ng
RT: 6.10 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF079748.D
Acq: 6 Jun 2015 1:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	49.6	74.4
63	27.1	24.9	37.3





#7

Phenol-d6

Concen: 11.59 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Instrument :

BNA_F

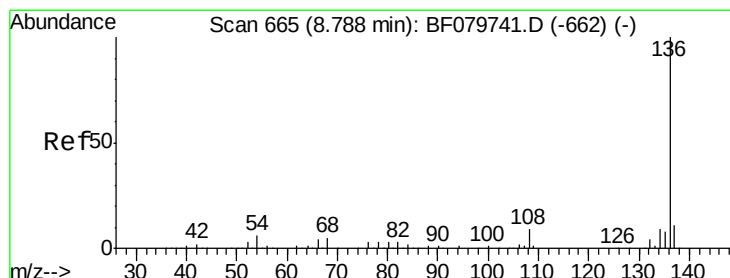
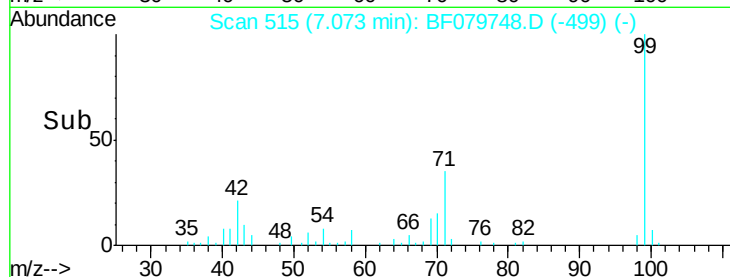
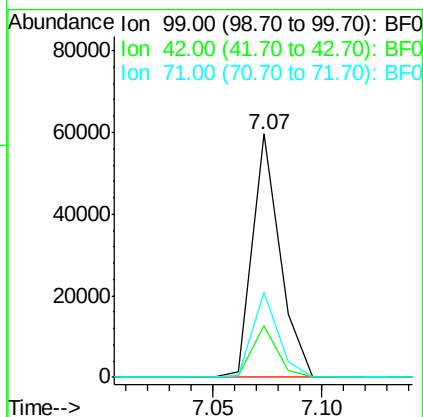
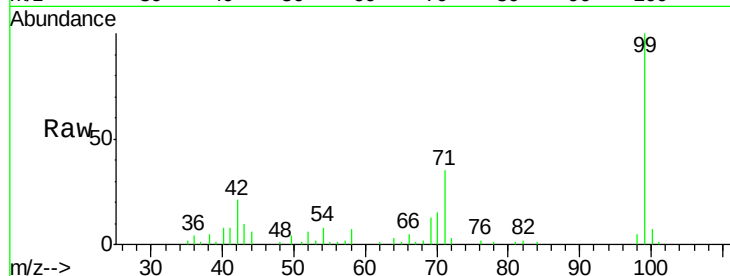
ClientSampleId :

SW-024

Tot Ion:	99	Resp:	52280
Ion Ratio	Lower	Upper	
99	100		
42	21.2	18.0	27.0
71	34.7	28.4	42.6

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#21

Naphthalene-d8

Concen: 20.00 ng

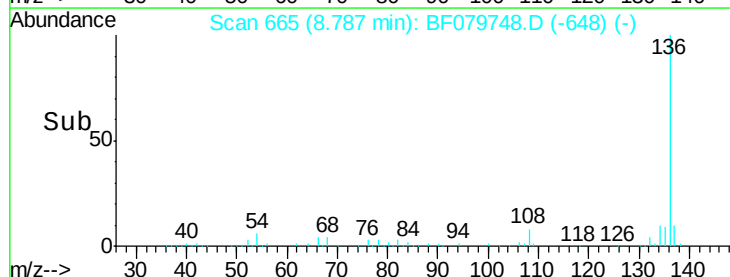
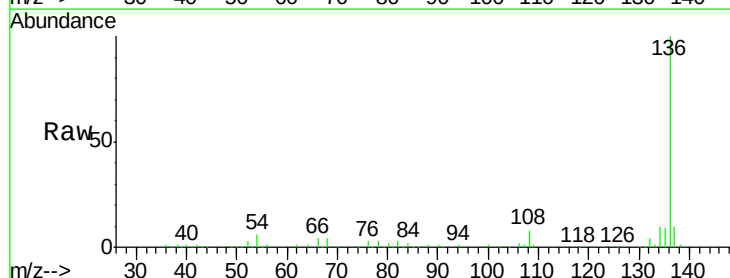
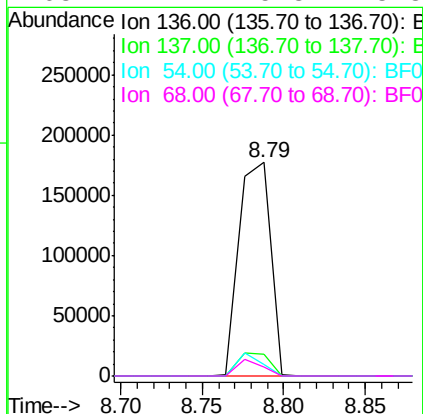
RT: 8.79 min Scan# 665

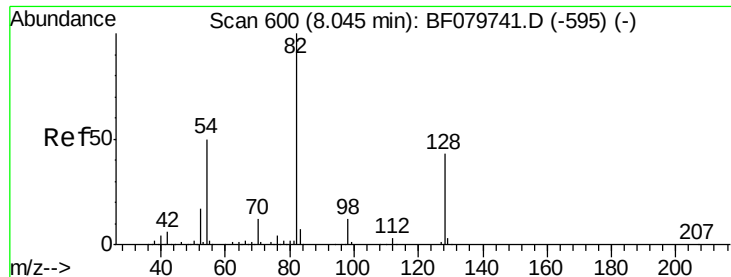
Delta R.T. -0.00 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Tgt Ion:	136	Resp:	236808
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.8	13.2
54	5.6	8.7	13.1#
68	4.4	5.8	8.8#





#23

Nitrobenzene-d5

Concen: 6.06 ng

RT: 8.04 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Instrument :

BNA_F

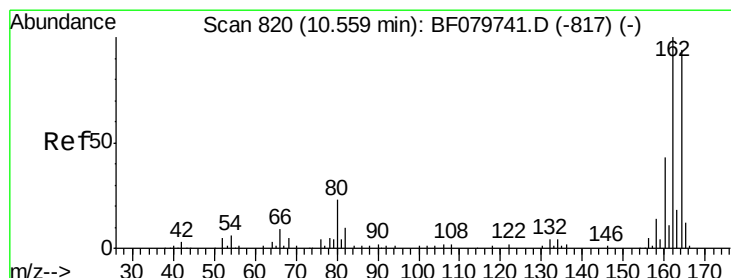
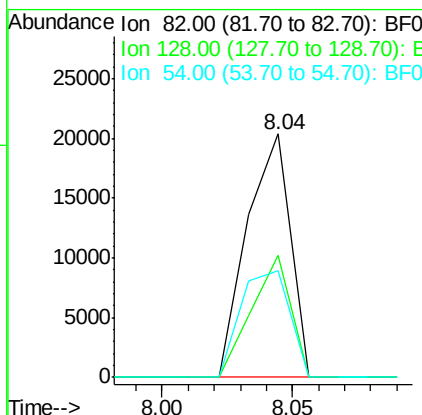
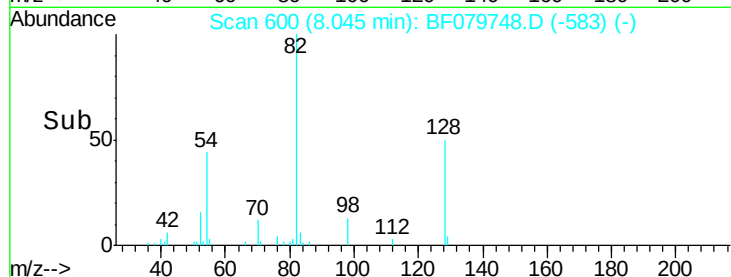
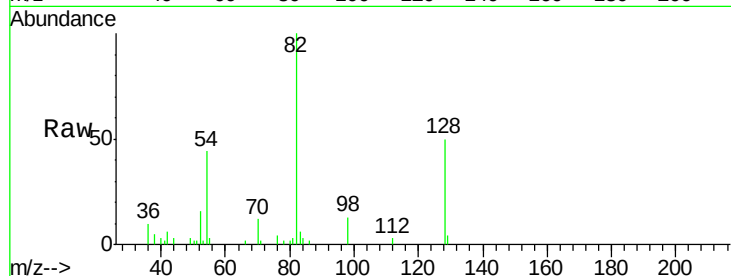
ClientSampled :

SW-024

Tot Ion:	82	Resp:	23373
Ion Ratio	Lower	Upper	
82	100		
128	50.2	37.6	56.4
54	44.0	39.4	59.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

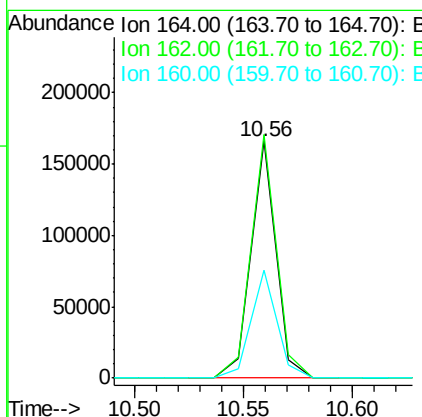
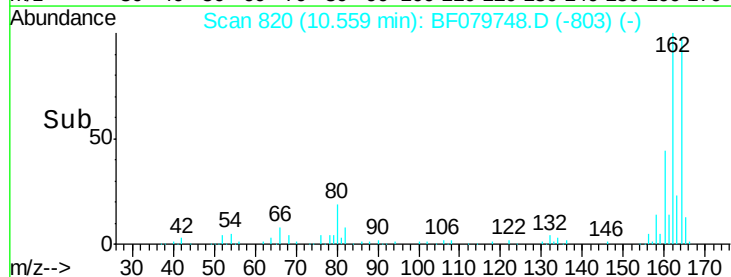
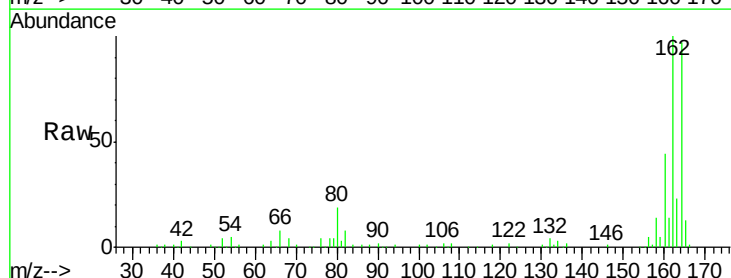
RT: 10.56 min Scan# 820

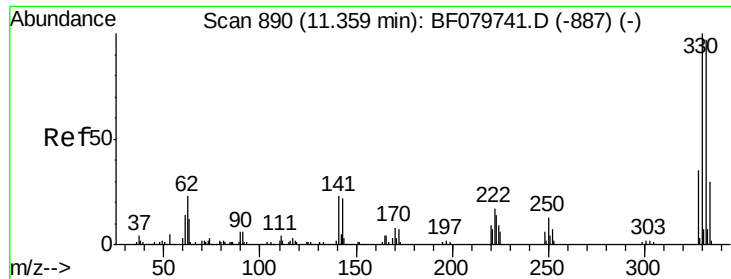
Delta R.T. -0.00 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Tgt Ion:	164	Resp:	132251
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.6	123.8
160	45.7	36.8	55.2





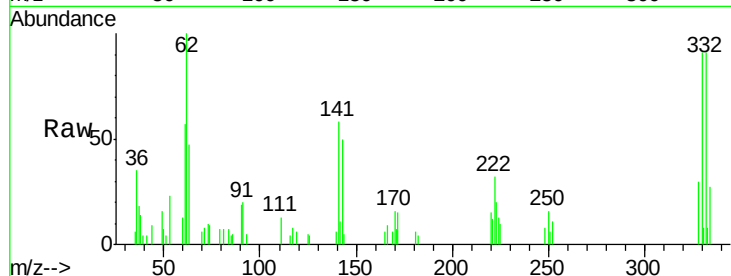
#41
 2,4,6-Tribromophenol
 Concen: 8.09 ng
 RT: 11.35 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF079748.D
 Acq: 6 Jun 2015 1:38

Instrument :
 BNA_F
 ClientSampled :
 SW-024

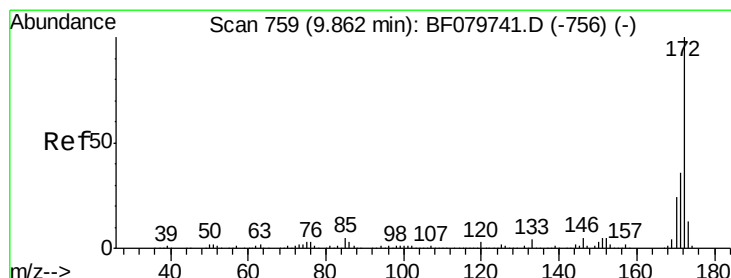
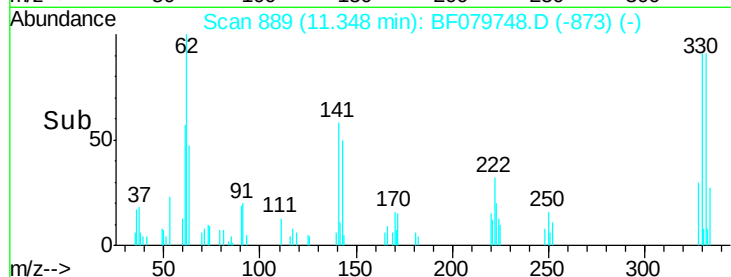
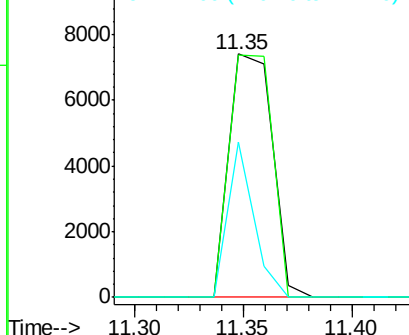
Tot Ion	Ratio	Resp	Lower	Upper
330	100	10229		
332	98.7		77.4	116.0
141	38.1		30.2	45.2

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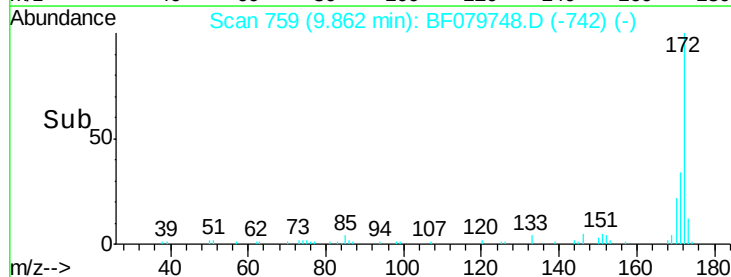
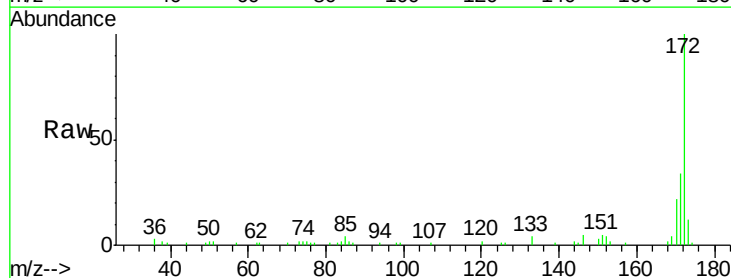
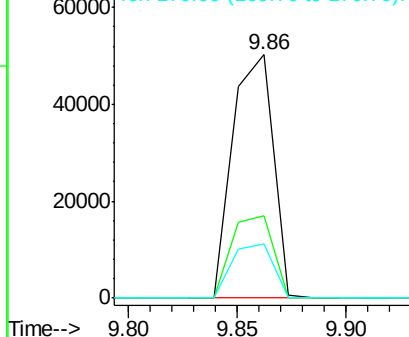
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

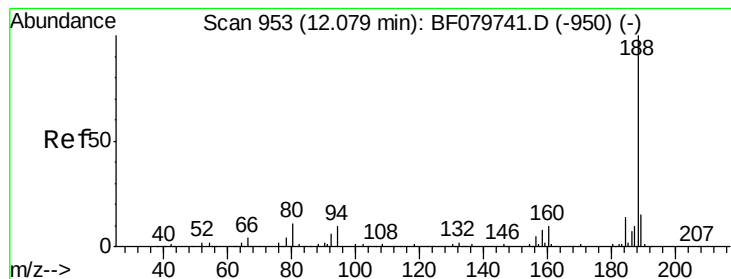


#44
 2-Fluorobiphenyl
 Concen: 6.64 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF079748.D
 Acq: 6 Jun 2015 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	64793		
171	33.6		29.4	44.0
170	22.4		19.7	29.5

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.07 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Instrument :

BNA_F

ClientSampleId :

SW-024

Tot Ion:188 Resp: 265925

Ion Ratio Lower Upper

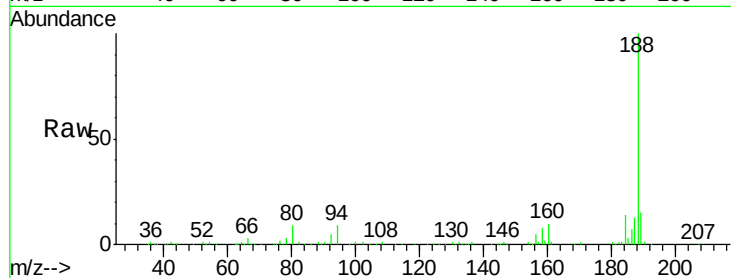
188 100

94 8.6 5.0 7.4#

80 9.0 5.3 7.9#

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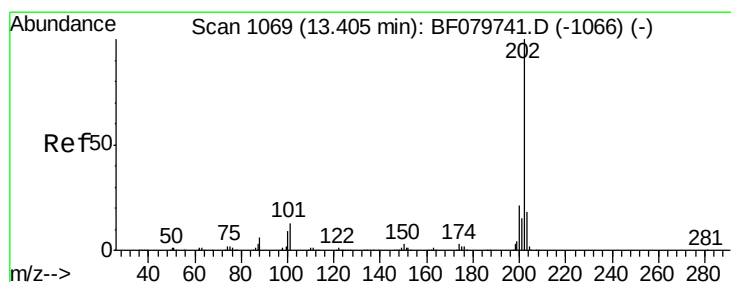
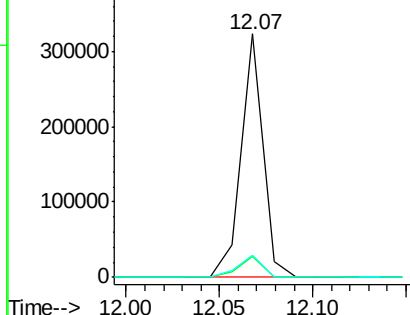
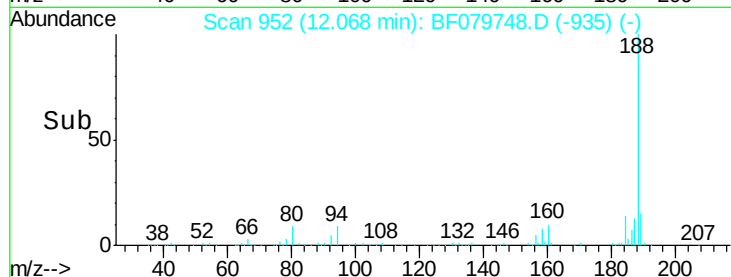
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74

Fluoranthene

Concen: 2.26 ng

RT: 13.34 min Scan# 1063

Delta R.T. 0.01 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

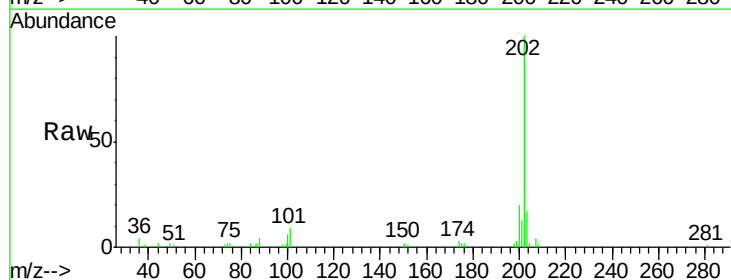
Tgt Ion:202 Resp: 38598

Ion Ratio Lower Upper

202 100

101 8.9 0.0 31.3

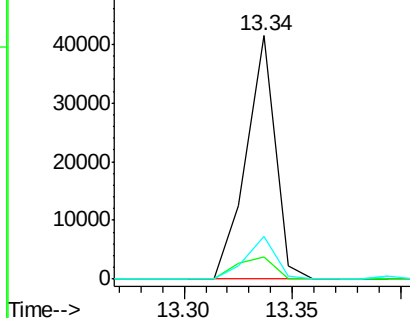
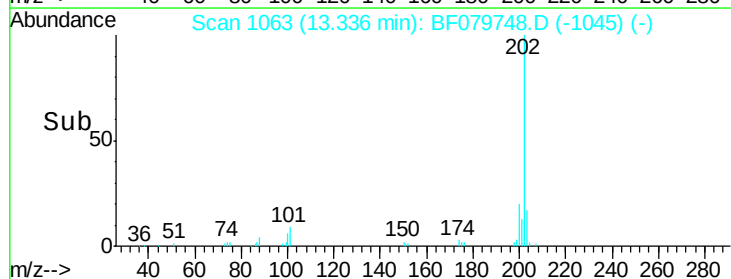
203 17.3 0.0 38.4

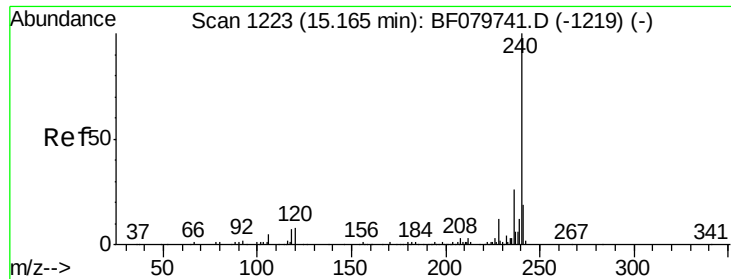


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.96 min Scan# 1205

Delta R.T. 0.02 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Instrument :

BNA_F

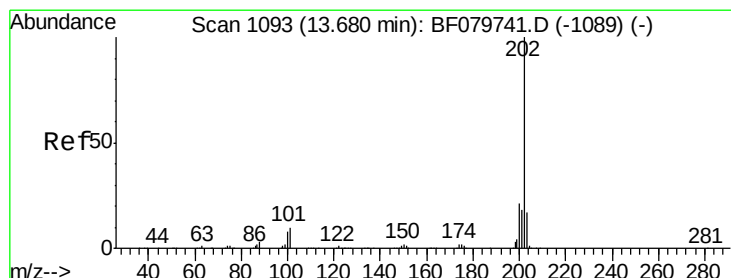
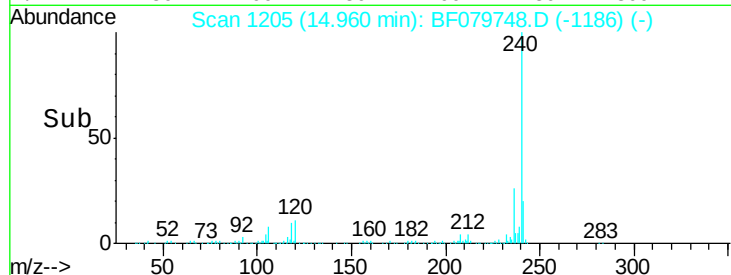
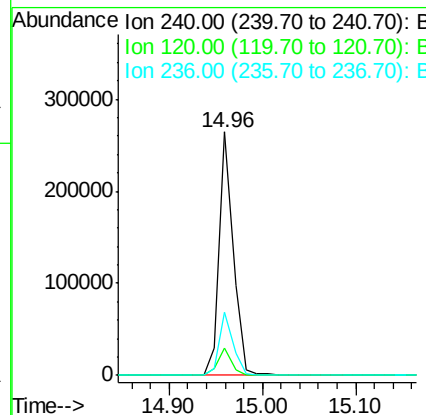
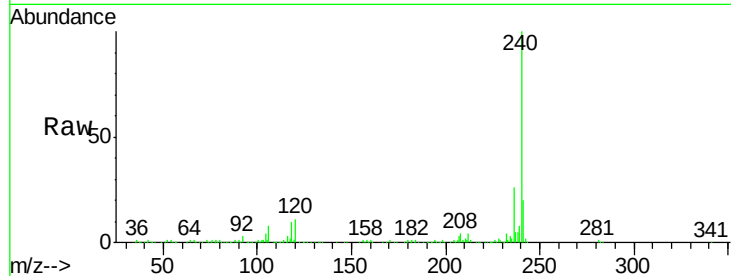
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	6.2	9.2#
236	25.9	21.0	31.4

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#77

Pyrene

Concen: 2.03 ng

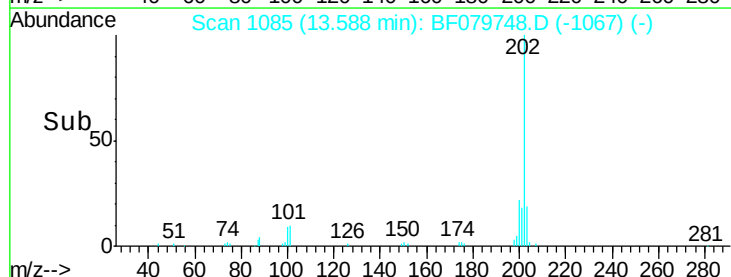
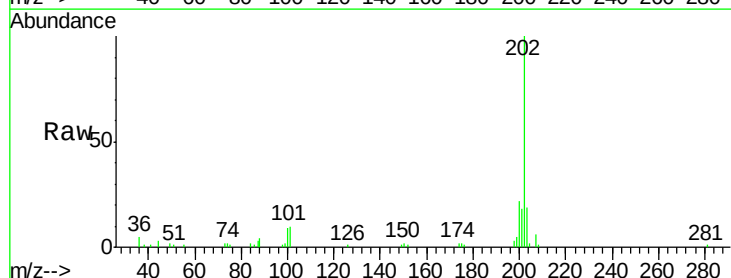
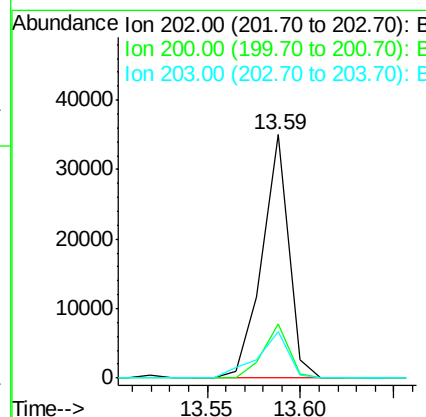
RT: 13.59 min Scan# 1085

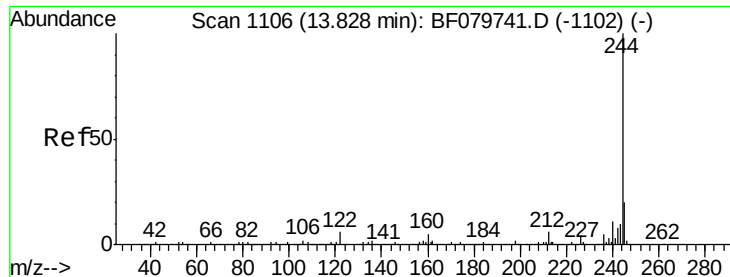
Delta R.T. 0.01 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.5	26.3
203	18.9	14.8	22.2





#78

Terphenyl-d14

Concen: 6.95 ng

RT: 13.73 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Instrument :

BNA_F

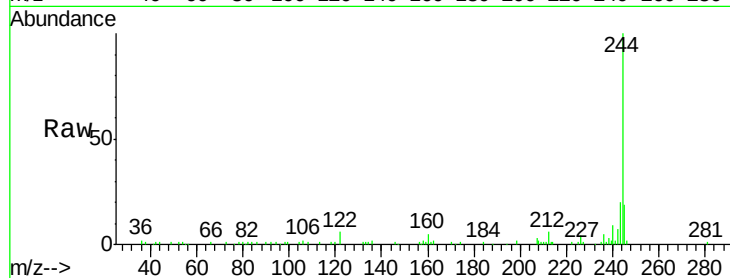
ClientSampleId :

SW-024

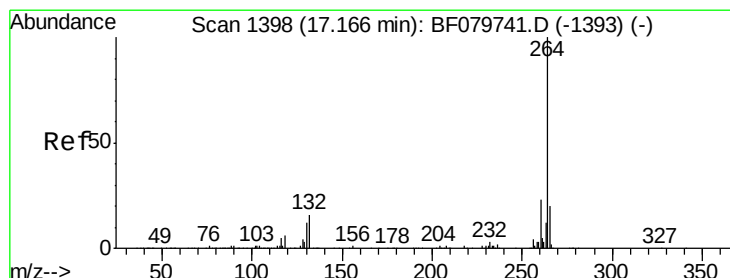
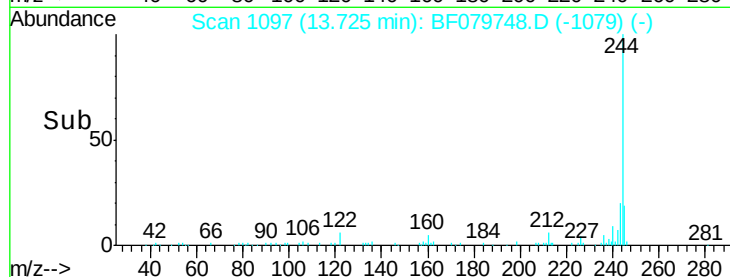
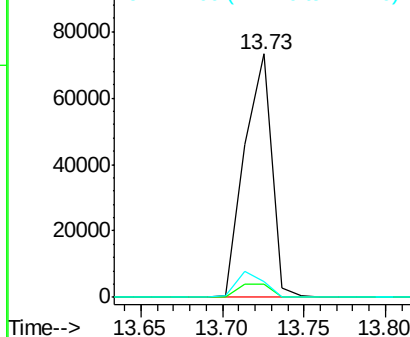
Tot Ion:	244	Resp:	84271
Ion Ratio		Lower	Upper
244	100		
212	5.7	6.1	9.1#
122	6.5	9.3	13.9#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

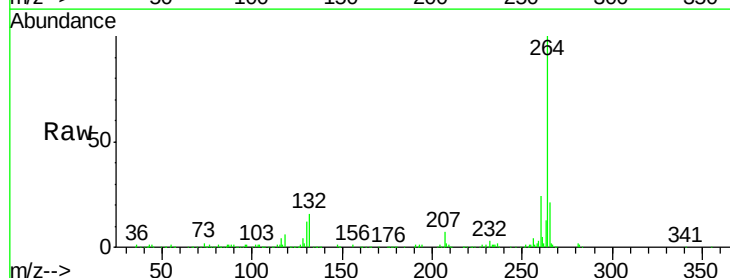
RT: 16.88 min Scan# 1373

Delta R.T. 0.06 min

Lab File: BF079748.D

Acq: 6 Jun 2015 1:38

Tgt Ion:	264	Resp:	274196
Ion Ratio		Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.3	18.2	27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

