

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
 Data File : BF079691.D
 Acq On : 4 Jun 2015 6:53
 Operator : TP/IZ
 Sample : G2420-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.5(5)

Manual Integrations
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 6/5/2015 8:10:56 AM

Quant Time: Jun 04 14:34:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 15:20:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	83358	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	313986	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	167992	20.00	ng	0.00
63) Phenanthrene-d10	12.11	188	326490	20.00	ng	-0.02
75) Chrysene-d12	15.20	240	339450	20.00	ng	-0.18
86) Perylene-d12	17.21	264	333307	20.00	ng	-0.27
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	532725	115.79	ng	0.00
7) Phenol-d6	7.11	99	677698	112.88	ng	0.00
23) Nitrobenzene-d5	8.08	82	368022	69.85	ng	0.00
41) 2,4,6-Tribromophenol	11.39	330	151398	109.20	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	793014	70.34	ng	0.00
78) Terphenyl-d14	13.86	244	825575	60.32	ng	-0.09
Target Compounds						
31) Naphthalene	8.83	128	43551	2.65	ng	97
37) 2-Methylnaphthalene	9.53	142	23180	2.12	ng	97
49) Dimethylphthalate	10.27	163	97456	7.92	ng	98

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

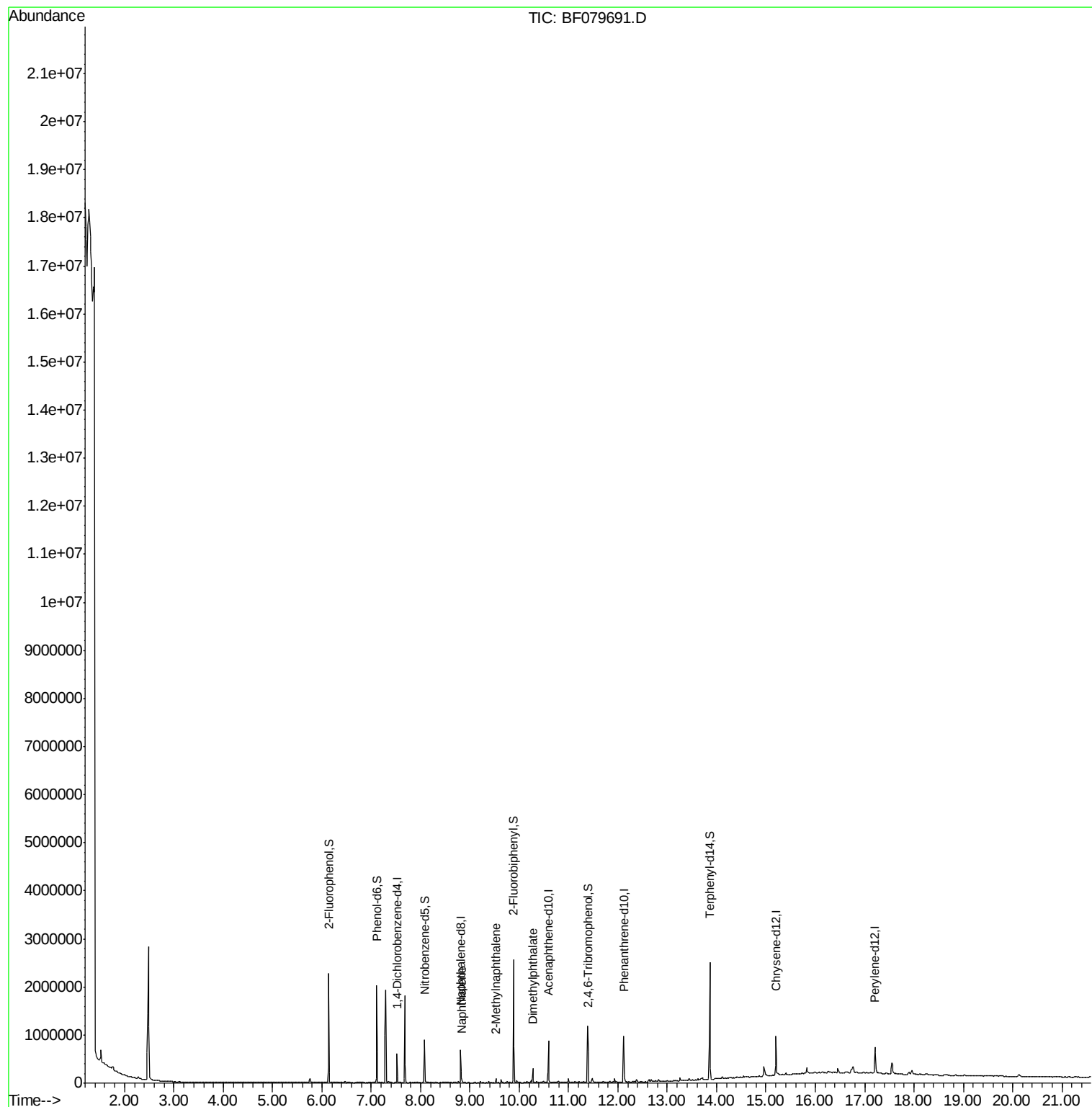
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079691.D
Acq On : 4 Jun 2015 6:53
Operator : TP/IZ
Sample : G2420-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

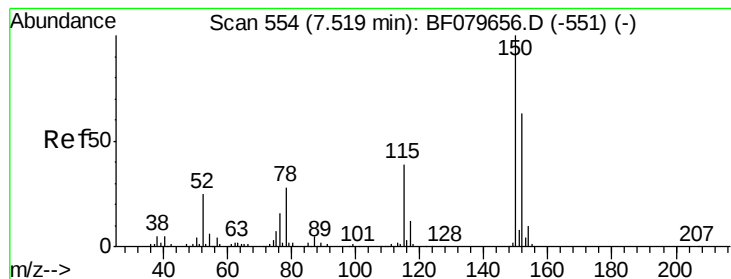
Instrument :
BNA_F
ClientSampleId :
PENRD8.5(5)

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Quant Time: Jun 04 14:34:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
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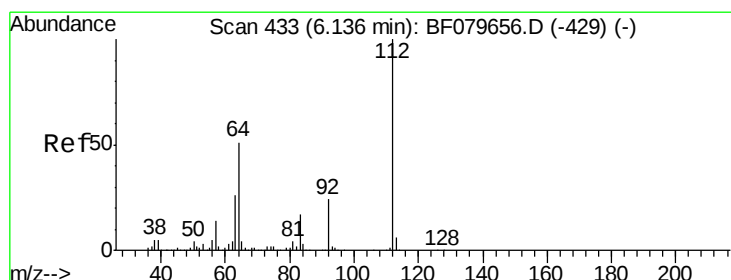
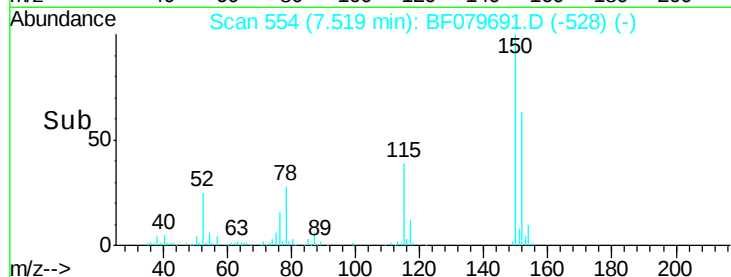
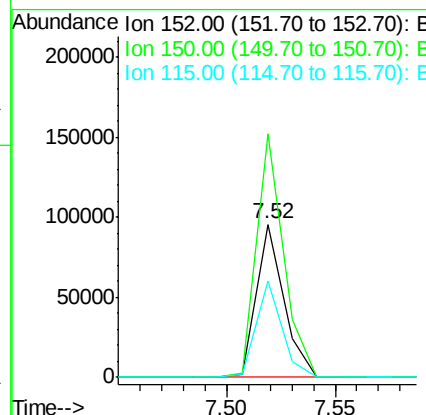
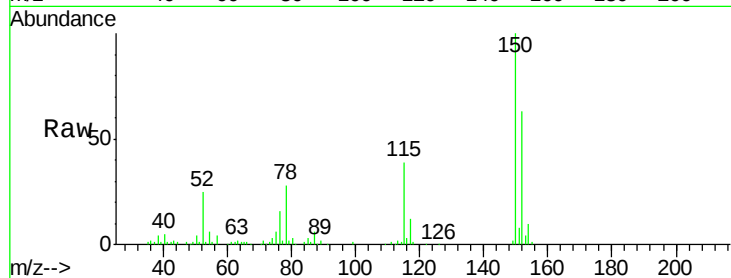
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.52 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF079691.D
 Acq: 4 Jun 2015 6:53

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.5(5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.7	190.1
115	62.5	49.2	73.8

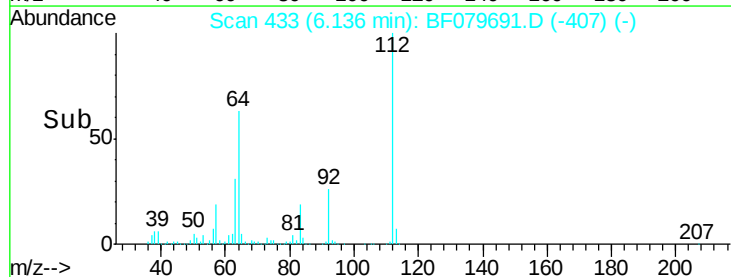
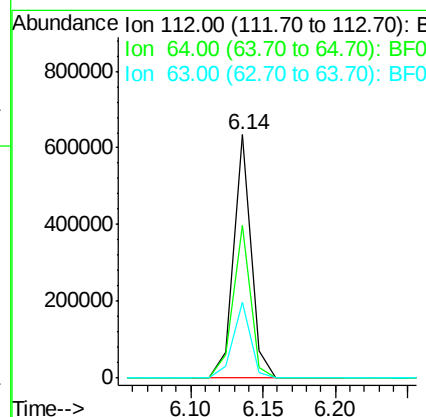
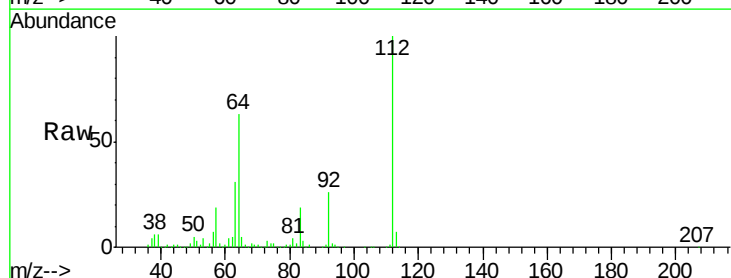
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#5
 2-Fluorophenol
 Concen: 115.79 ng
 RT: 6.14 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF079691.D
 Acq: 4 Jun 2015 6:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	41.1	61.7#
63	31.4	20.5	30.7#





#7

Phenol-d6

Concen: 112.88 ng

RT: 7.11 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF079691.D

Acq: 4 Jun 2015 6:53

Instrument :

BNA_F

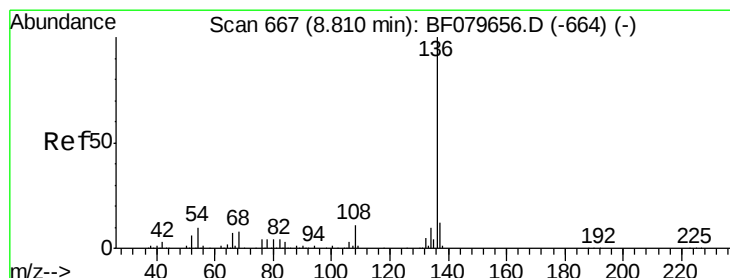
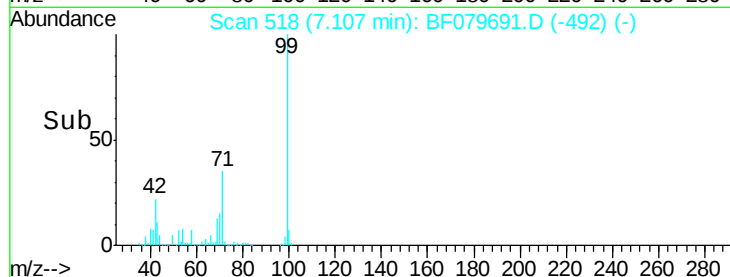
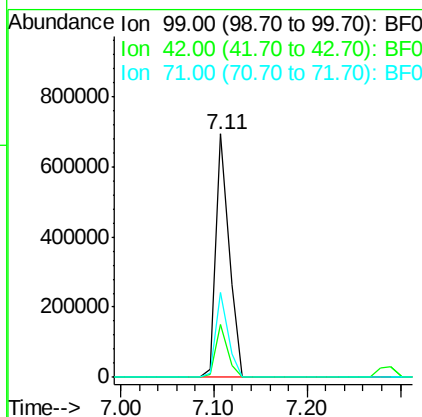
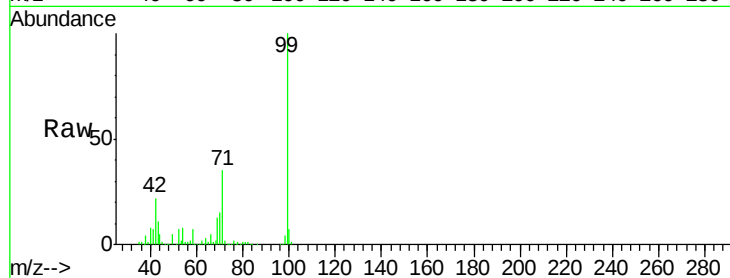
ClientSampleId :

PENRD8.5(5)

Tot Ion:	99	Resp:	677698
Ion	Ratio	Lower	Upper
99	100		
42	21.7	15.2	22.8
71	34.9	25.9	38.9

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#21

Naphthalene-d8

Concen: 20.00 ng

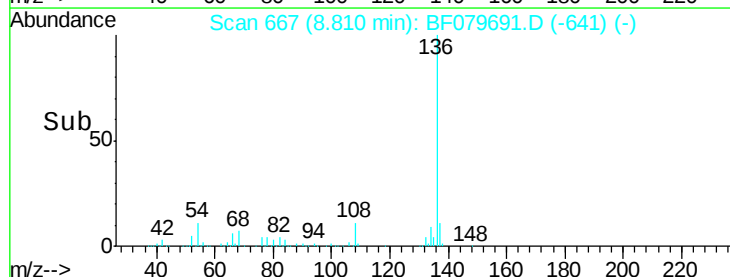
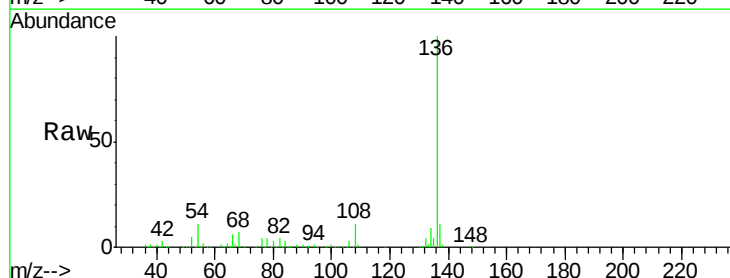
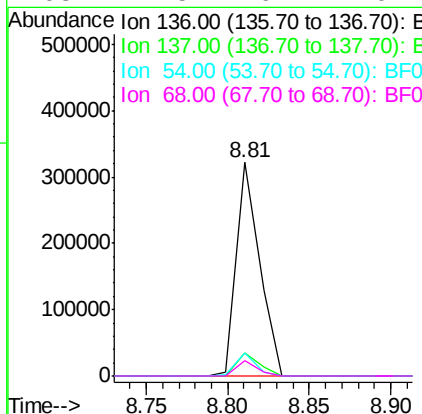
RT: 8.81 min Scan# 667

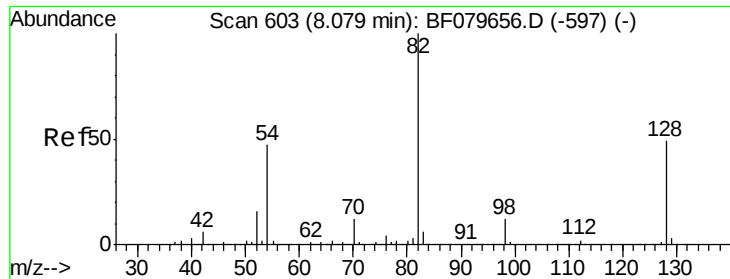
Delta R.T. -0.00 min

Lab File: BF079691.D

Acq: 4 Jun 2015 6:53

Tgt Ion:	136	Resp:	313986
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.3	13.9
54	10.5	8.3	12.5
68	7.5	6.1	9.1





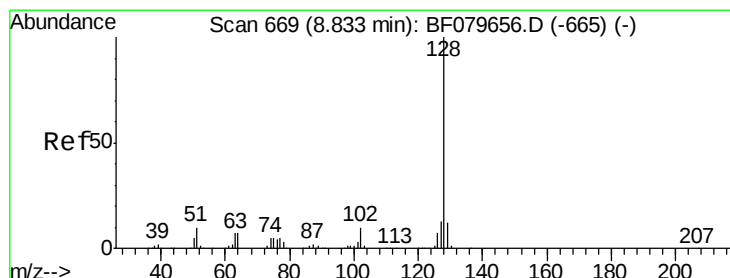
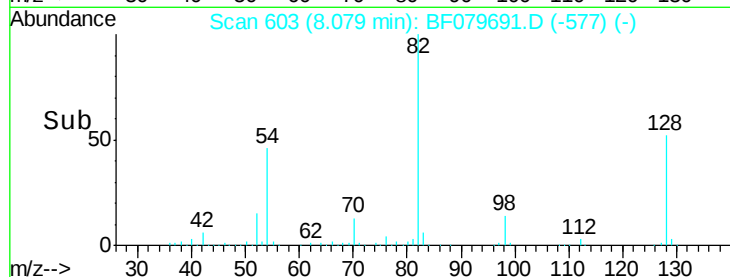
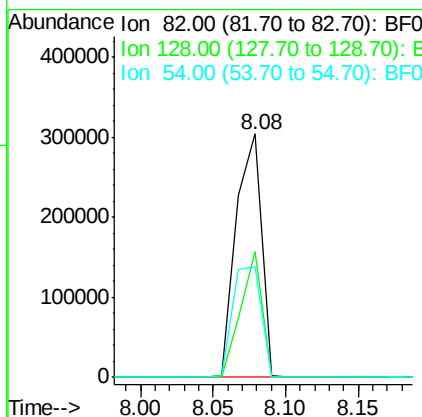
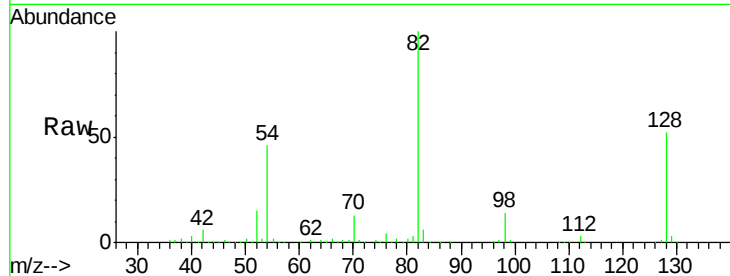
#23
Nitrobenzene-d5
Concen: 69.85 ng
RT: 8.08 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF079691.D
Acq: 4 Jun 2015 6:53

Instrument :
BNA_F
ClientSampleId :
PENRD8.5(5)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	368022		
128	51.6	39.4	59.0	
54	45.5	37.4	56.0	

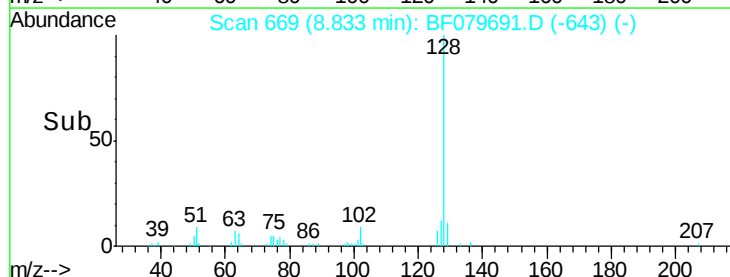
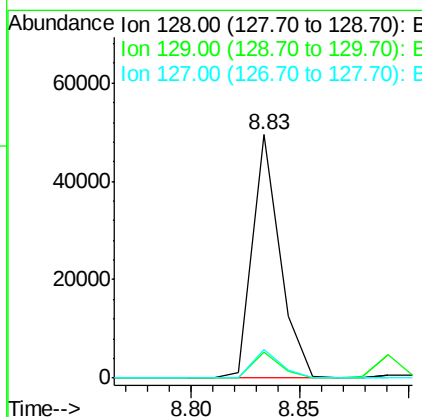
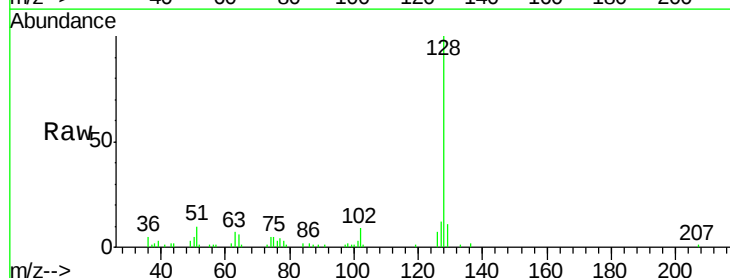
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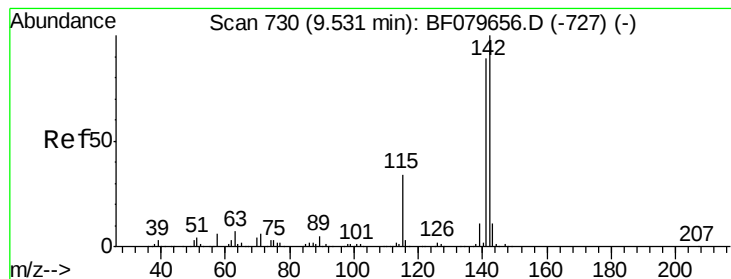
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#31
Naphthalene
Concen: 2.65 ng
RT: 8.83 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF079691.D
Acq: 4 Jun 2015 6:53

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	43551		
129	10.9	9.3	13.9	
127	11.7	10.4	15.6	





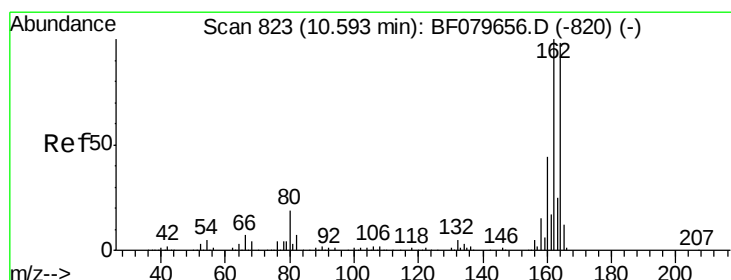
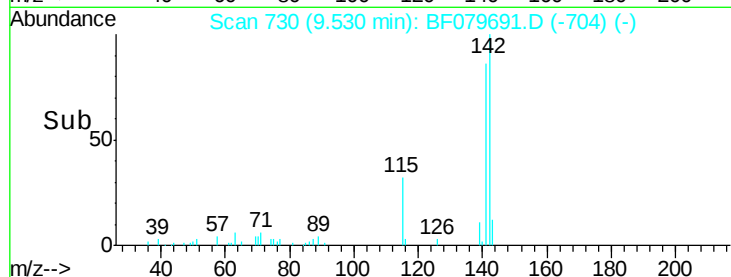
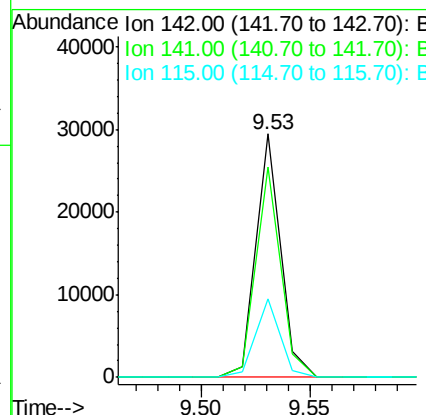
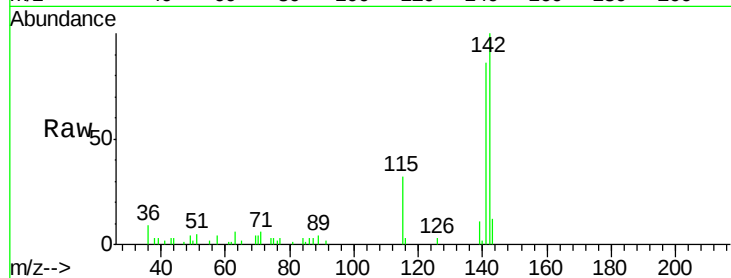
#37
2-Methylnaphthalene
Concen: 2.12 ng
RT: 9.53 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF079691.D
Acq: 4 Jun 2015 6:53

Instrument :
BNA_F
ClientSampleId :
PENRD8.5(5)

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	71.4	107.0
115	32.0	27.3	40.9

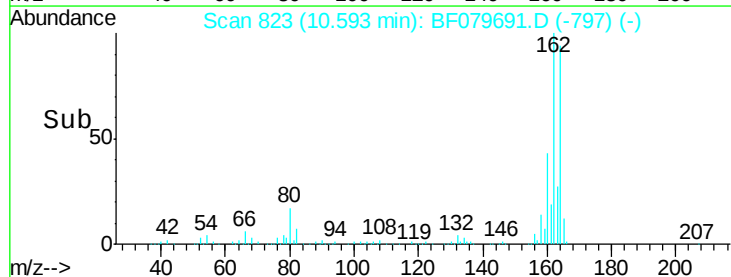
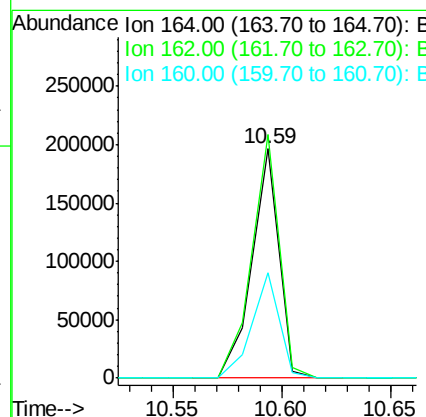
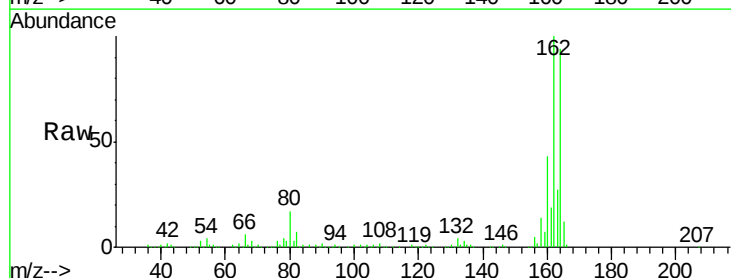
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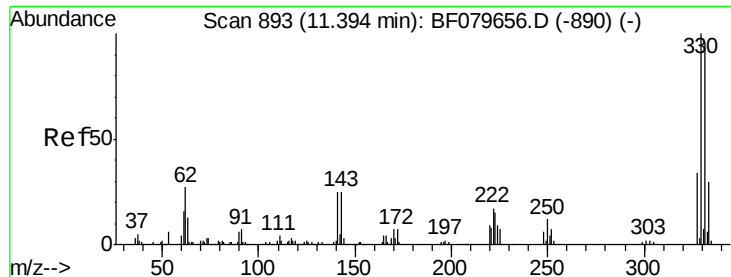
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF079691.D
Acq: 4 Jun 2015 6:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.0	123.0
160	46.0	35.9	53.9





#41

2,4,6-Tribromophenol

Concen: 109.20 ng

RT: 11.39 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF079691.D

Acq: 4 Jun 2015 6:53

Instrument :

BNA_F

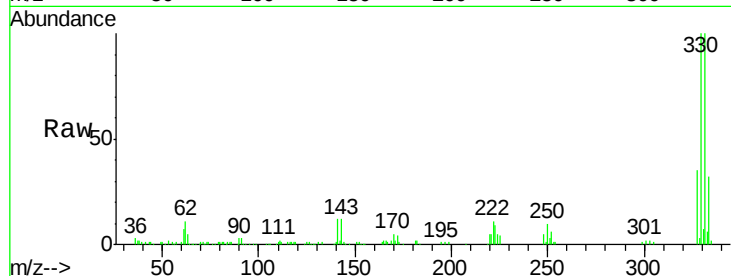
ClientSampleId :

PENRD8.5(5)

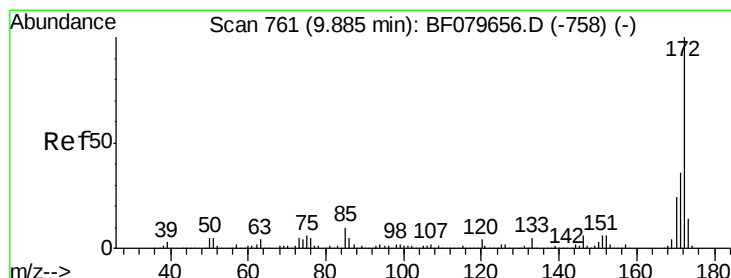
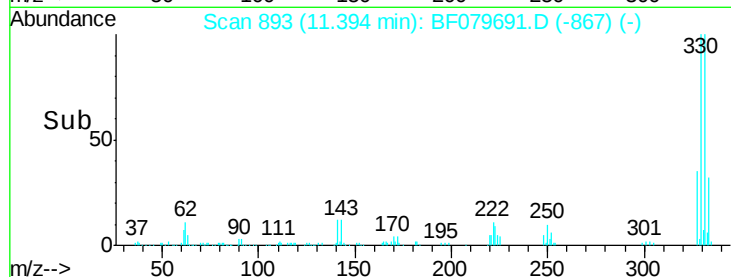
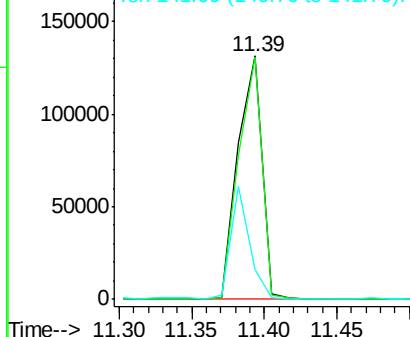
Tot Ion:	330	Resp:	151398
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.3	115.9
141	38.1	27.4	41.2

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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: 70.34 ng

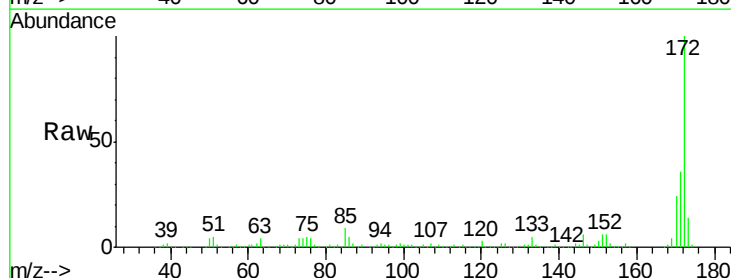
RT: 9.88 min Scan# 761

Delta R.T. 0.00 min

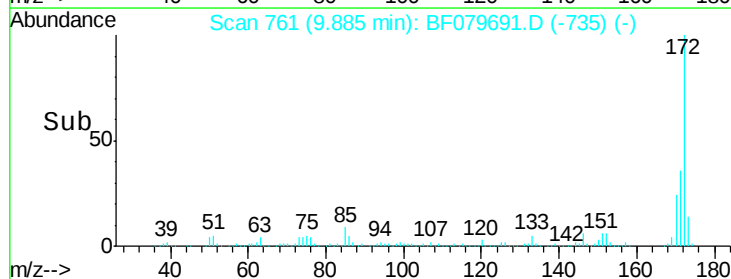
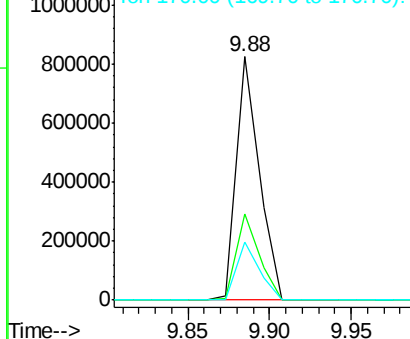
Lab File: BF079691.D

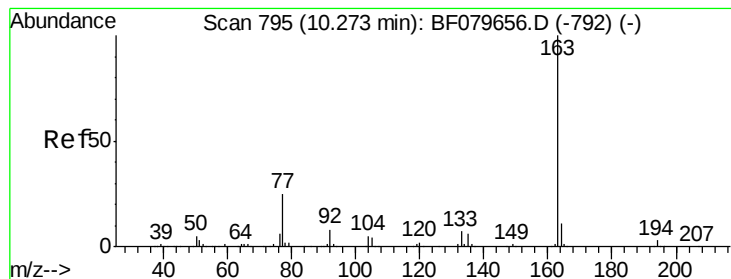
Acq: 4 Jun 2015 6:53

Tgt Ion:	172	Resp:	793014
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.8	43.2
170	23.8	19.2	28.8



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: 7.92 ng

RT: 10.27 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF079691.D

Acq: 4 Jun 2015 6:53

Instrument :

BNA_F

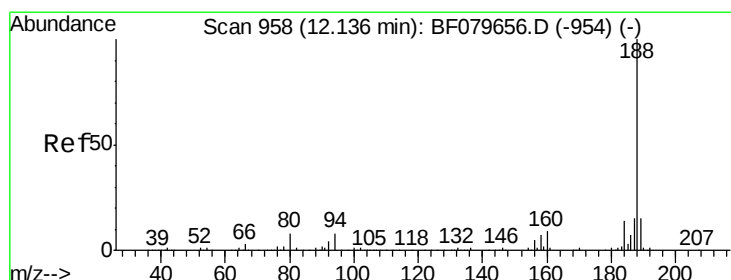
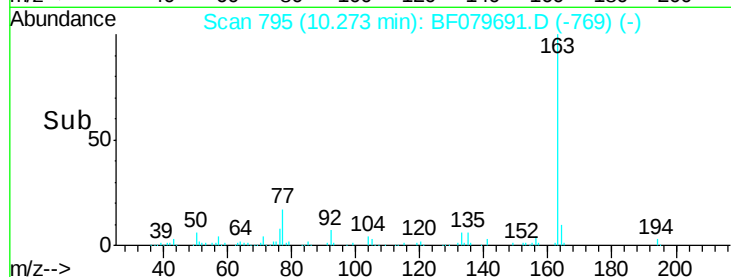
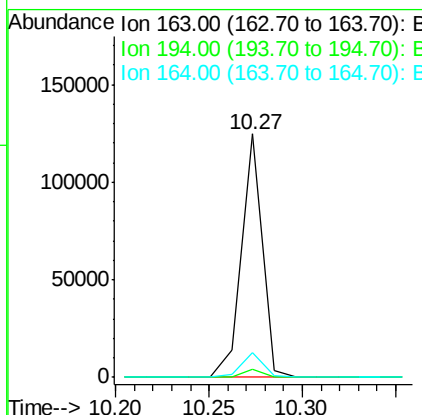
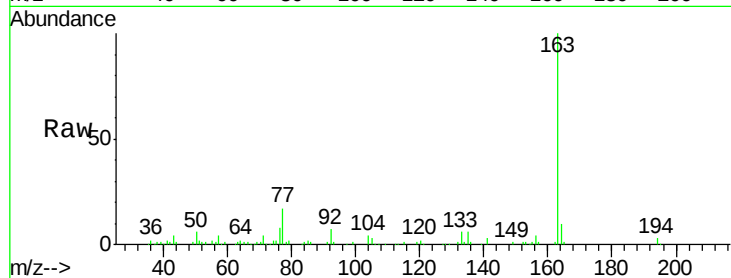
ClientSampleId :

PENRD8.5(5)

Tot Ion:163	Resp:	97456
Ion Ratio	Lower	Upper
163 100		
194 3.4	2.6	3.8
164 9.9	8.6	12.8

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#63

Phenanthrene-d10

Concen: 20.00 ng

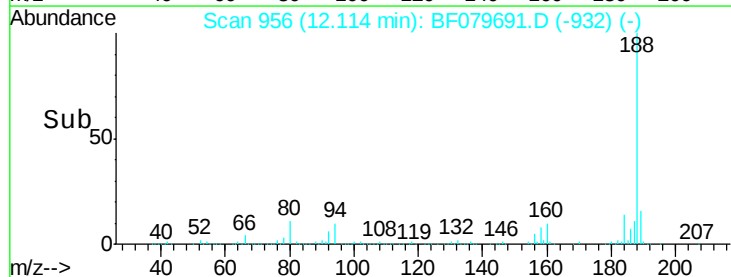
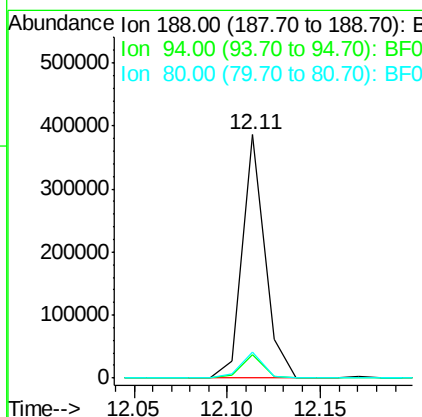
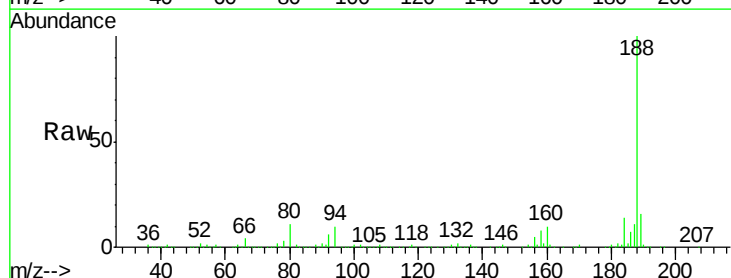
RT: 12.11 min Scan# 956

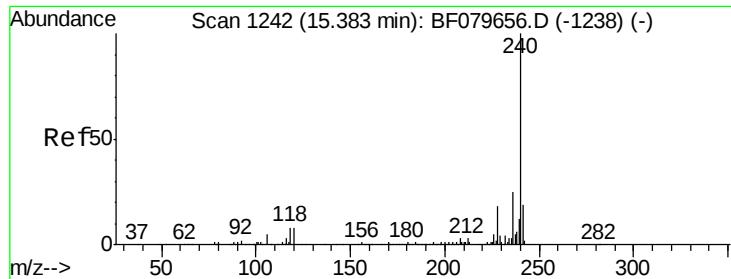
Delta R.T. -0.02 min

Lab File: BF079691.D

Acq: 4 Jun 2015 6:53

Tgt Ion:188	Resp:	326490
Ion Ratio	Lower	Upper
188 100		
94 9.7	6.1	9.1#
80 10.9	6.2	9.2#





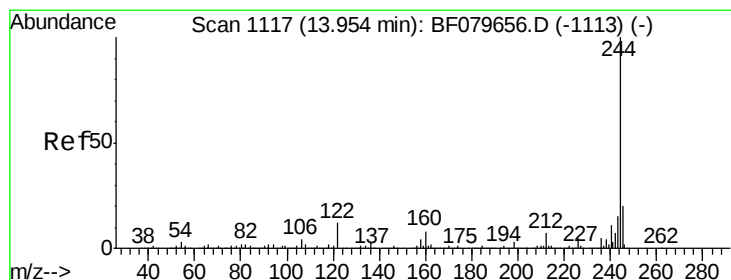
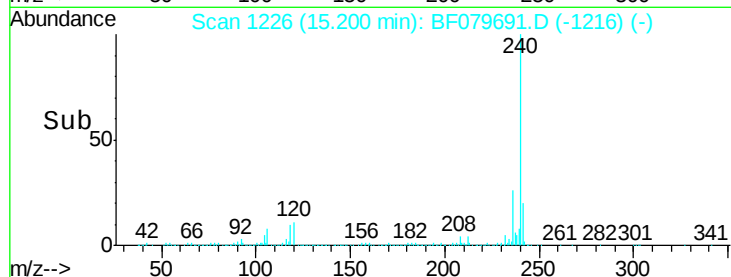
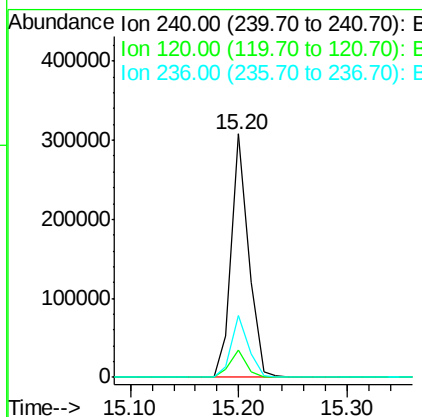
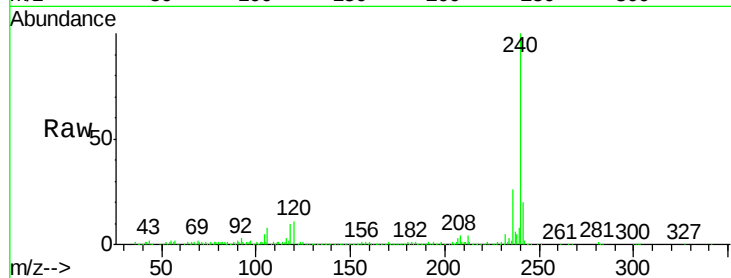
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1226
Delta R.T. -0.18 min
Lab File: BF079691.D
Acq: 4 Jun 2015 6:53

Instrument :
BNA_F
ClientSampleId :
PENRD8.5(5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	6.4	9.6#
236	25.6	20.2	30.4

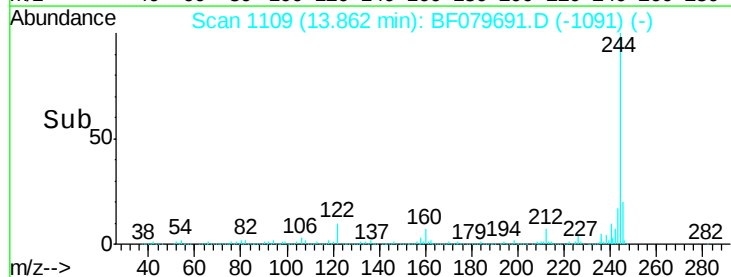
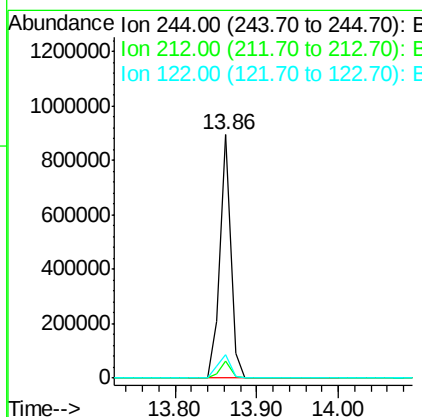
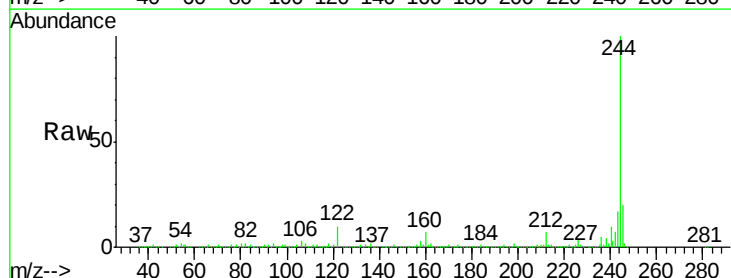
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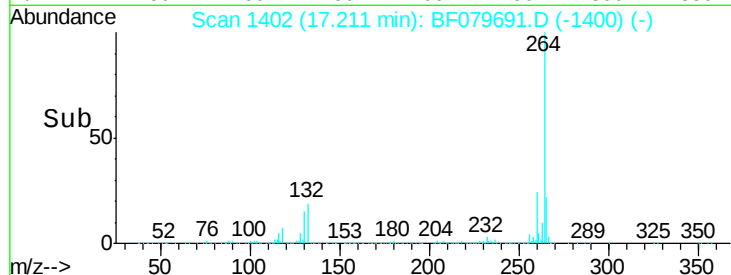
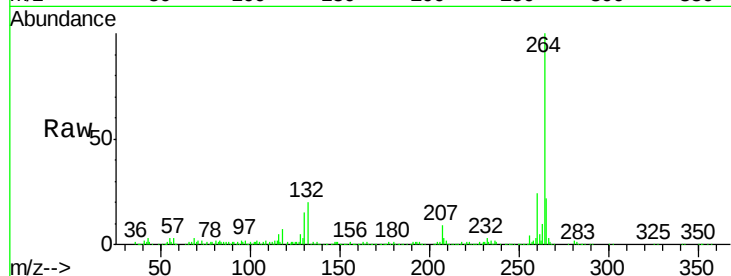
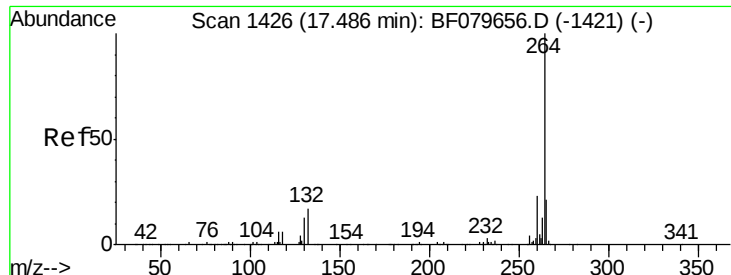
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#78
Terphenyl-d14
Concen: 60.32 ng
RT: 13.86 min Scan# 1109
Delta R.T. -0.09 min
Lab File: BF079691.D
Acq: 4 Jun 2015 6:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	9.6	9.8	14.6#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.21 min Scan# 1402
 Delta R.T. -0.27 min
 Lab File: BF079691.D
 Acq: 4 Jun 2015 6:53

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.5(5)

Tot Ion:	264	Resp:	333307
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.8	28.2
265	22.2	17.4	26.0

Manual Integrations
 APPROVED

apatel
 6/5/2015 8:10:56 AM

