

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079642.D
 Acq On : 31 May 2015 19:36
 Operator : TP/IZ
 Sample : G2427-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL1(0-2)

Manual Integrations
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Quant Time: Jun 01 04:47:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 04:06:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	66418	20.00	ng	0.00
21) Naphthalene-d8	8.49	136	276741	20.00	ng	0.01
38) Acenaphthene-d10	10.65	164	135120	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	255438	20.00	ng	0.00
75) Chrysene-d12	15.77	240	269484	20.00	ng	0.02
86) Perylene-d12	17.54	264	278367	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	338209	88.32	ng	0.01
7) Phenol-d6	6.51	99	456748	93.58	ng	0.01
23) Nitrobenzene-d5	7.61	82	268374	56.06	ng	0.00
41) 2,4,6-Tribromophenol	11.63	330	137217	92.46	ng	0.00
44) 2-Fluorobiphenyl	9.84	172	572260	60.42	ng	0.01
78) Terphenyl-d14	14.48	244	682207	59.41	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.35	163	209558	21.05	ng	98
74) Fluoranthene	13.98	202	44391	2.95	ng	93
77) Pyrene	14.26	202	37667	2.26	ng	97

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

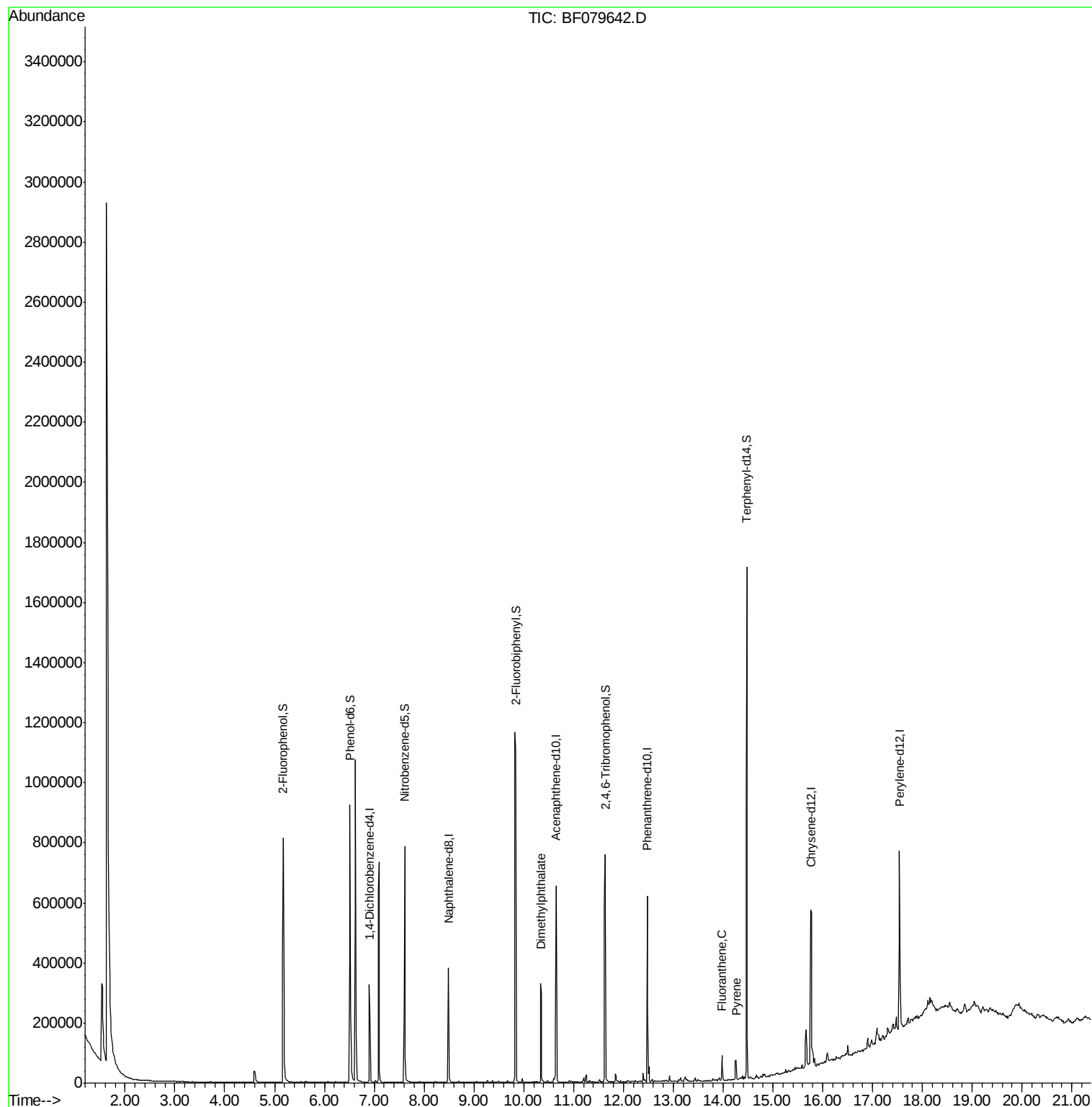
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
Data File : BF079642.D
Acq On : 31 May 2015 19:36
Operator : TP/IZ
Sample : G2427-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

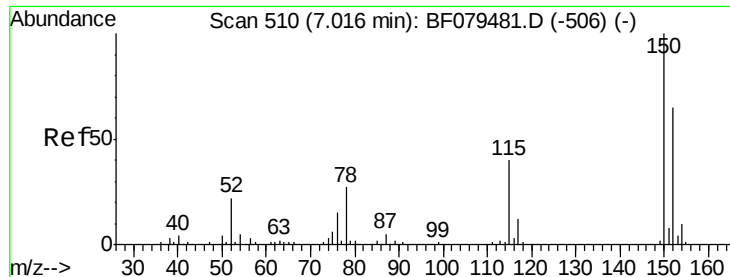
Instrument :
BNA_F
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HB-9A-DEL1(0-2)

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 04:06:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079642.D

Acq: 31 May 2015 19:36

Instrument :

BNA_F

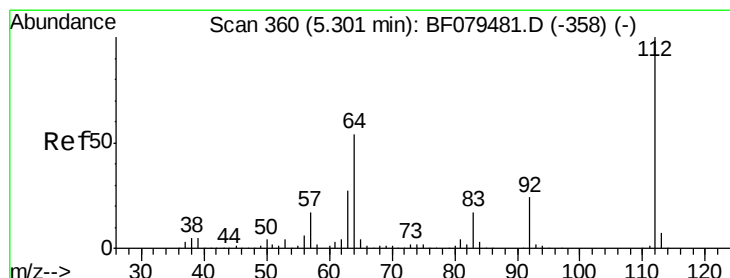
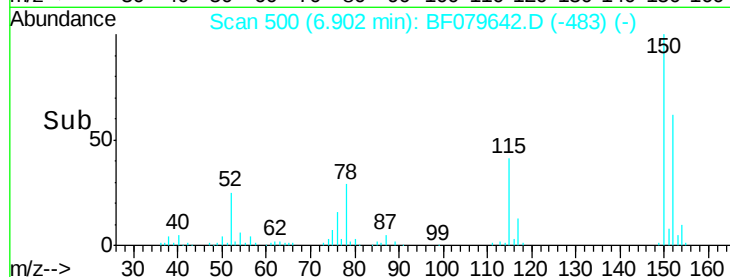
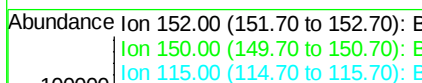
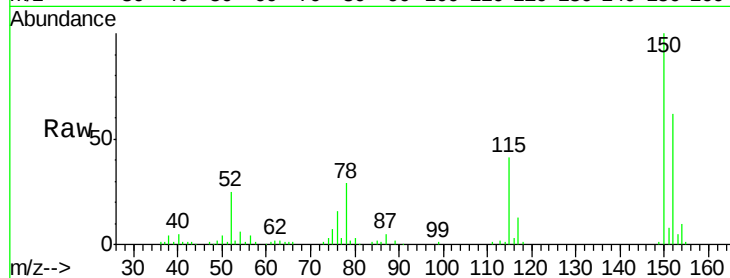
ClientSampleId :

HB-9A-DEL1(0-2)

Tgt Ion:	152	Resp:	66418
Ion Ratio	Lower	Upper	
152	100		
150	162.3	124.0	186.0
115	67.1	49.6	74.4

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#5

2-Fluorophenol

Concen: 88.32 ng

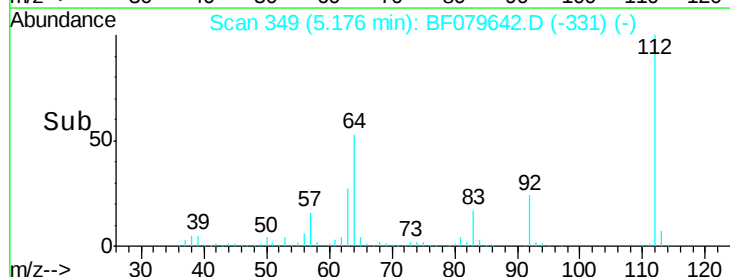
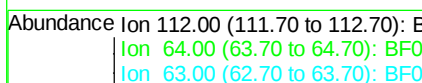
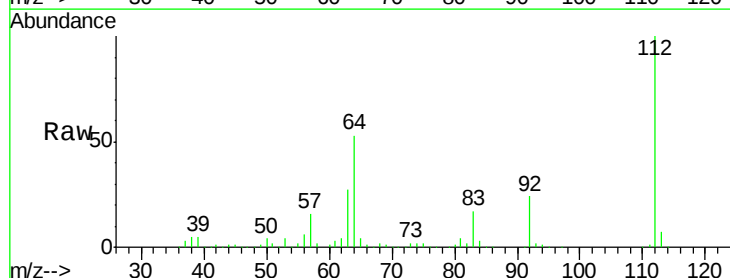
RT: 5.18 min Scan# 349

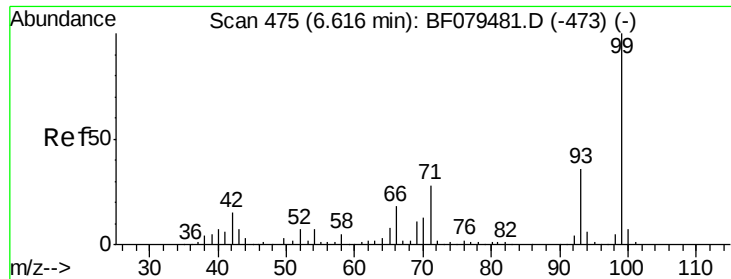
Delta R.T. 0.01 min

Lab File: BF079642.D

Acq: 31 May 2015 19:36

Tgt Ion:	112	Resp:	338209
Ion Ratio	Lower	Upper	
112	100		
64	52.7	43.5	65.3
63	27.0	21.8	32.8





#7

Phenol-d6

Concen: 93.58 ng

RT: 6.51 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF079642.D

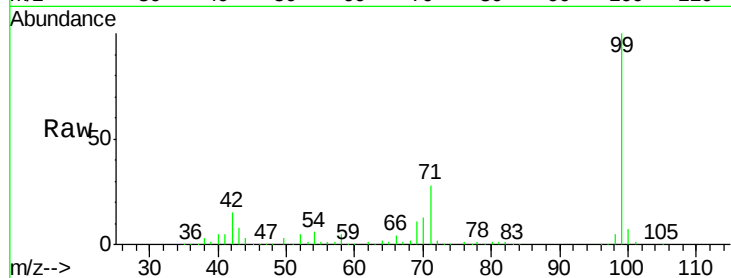
Acq: 31 May 2015 19:36

Instrument :

BNA_F

ClientSampleId :

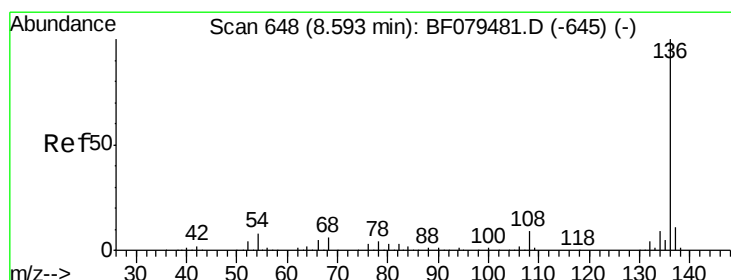
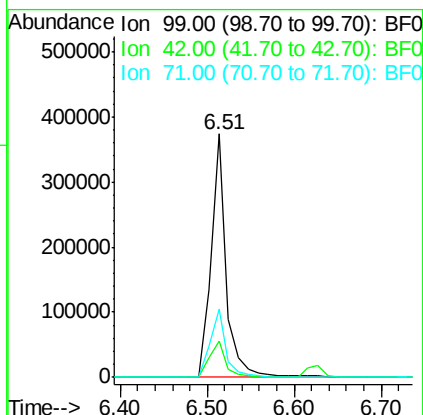
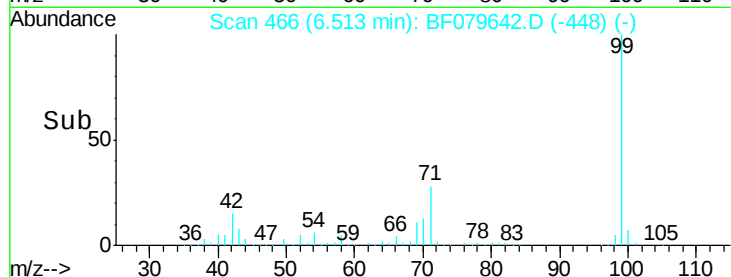
HB-9A-DEL1(0-2)



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		456748		
42	14.9	11.9	17.9		
71	28.1	22.1	33.1		

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#21

Naphthalene-d8

Concen: 20.00 ng

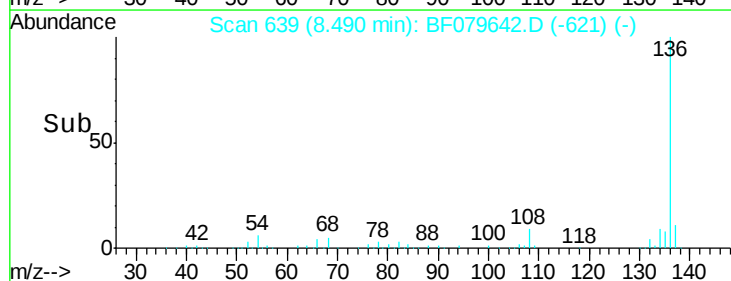
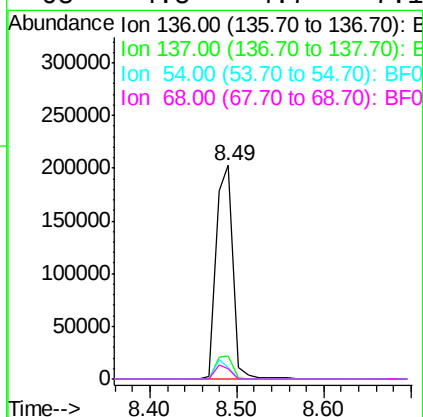
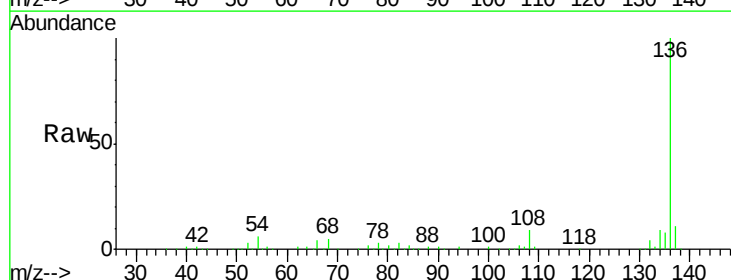
RT: 8.49 min Scan# 639

Delta R.T. 0.01 min

Lab File: BF079642.D

Acq: 31 May 2015 19:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		276741		
137	10.6	8.5	12.7		
54	5.5	6.6	9.8#		
68	4.5	4.7	7.1#		





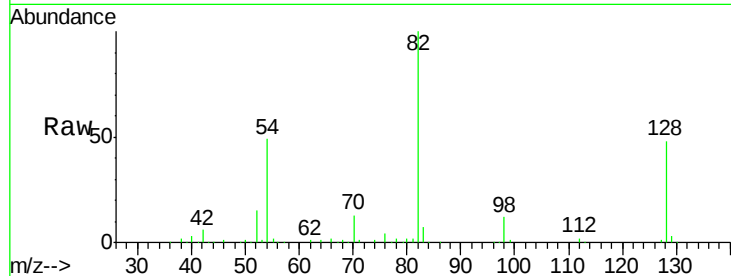
#23
 Nitrobenzene-d5
 Concen: 56.06 ng
 RT: 7.61 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: BF079642.D
 Acq: 31 May 2015 19:36

Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL1(0-2)

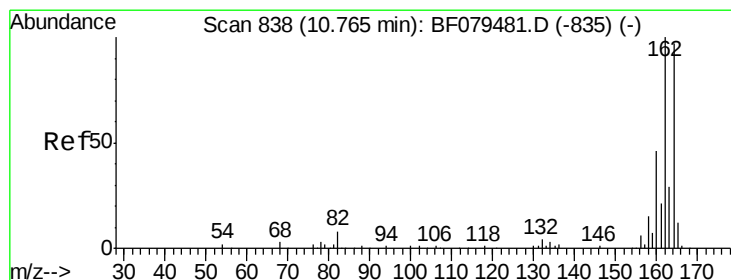
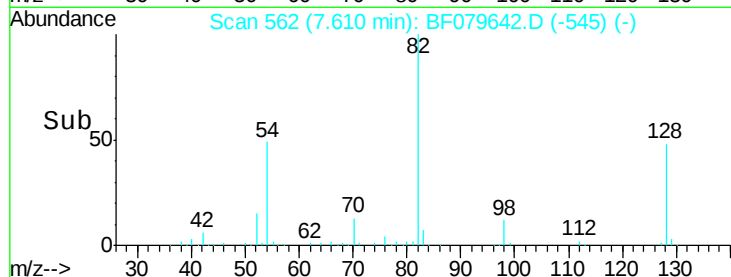
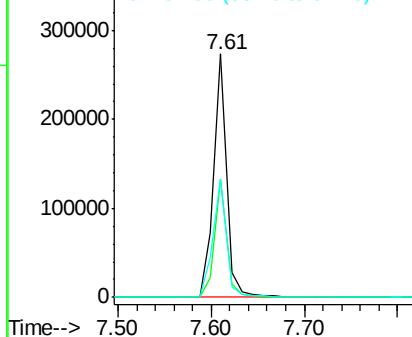
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	268374		
128	48.5	30.8	46.2	#
54	48.8	42.8	64.2	

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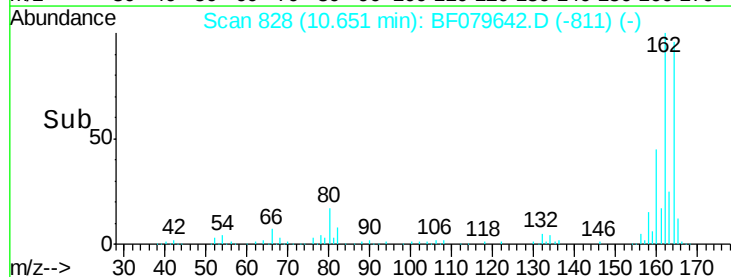
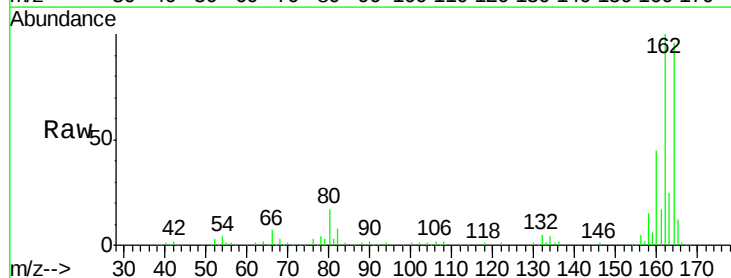
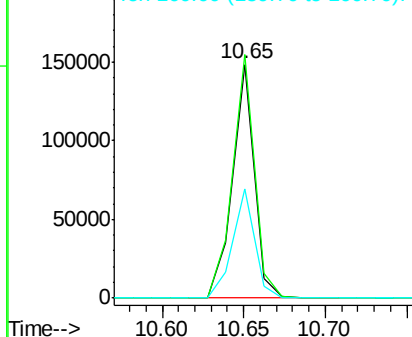
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 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

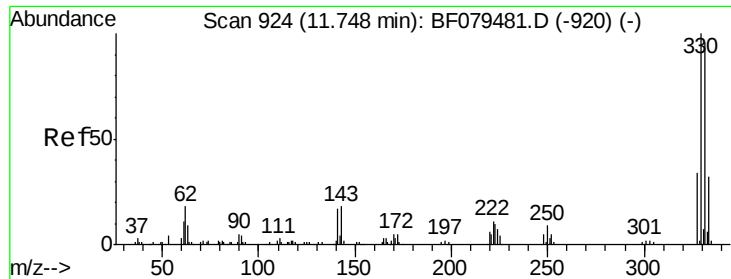


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.65 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF079642.D
 Acq: 31 May 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	135120		
162	104.2	82.6	124.0	
160	47.0	37.7	56.5	

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





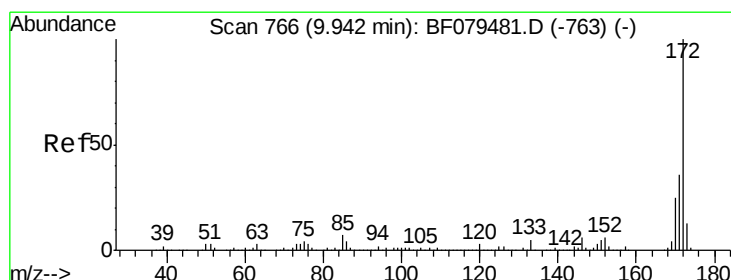
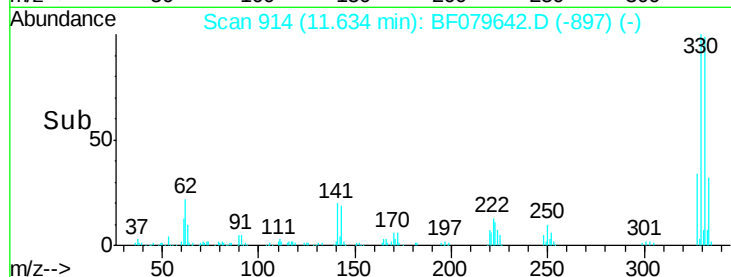
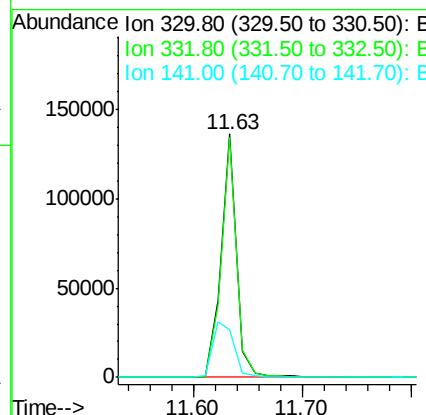
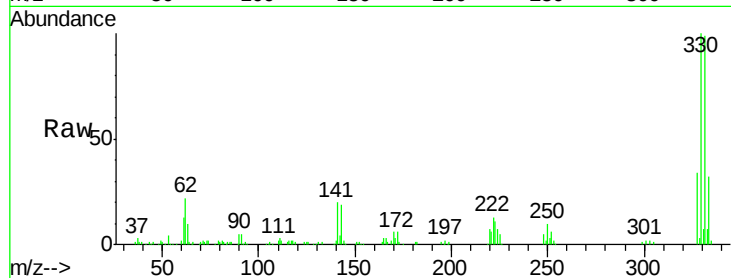
#41
 2,4,6-Tribromophenol
 Concen: 92.46 ng
 RT: 11.63 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF079642.D
 Acq: 31 May 2015 19:36

Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL1(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	137217		
332	97.8	0.0	0.0	0.0
141	31.2	0.0	0.0	0.0

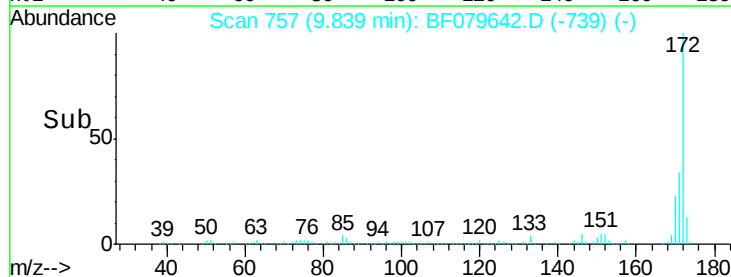
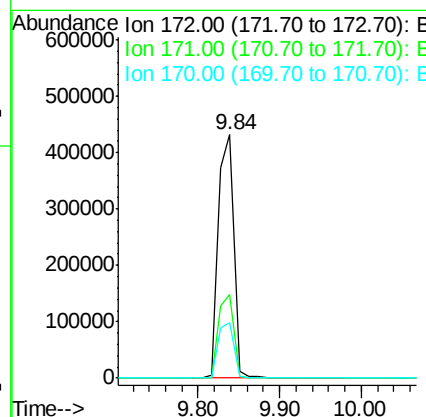
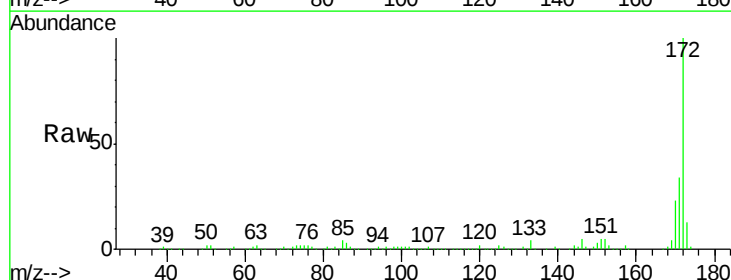
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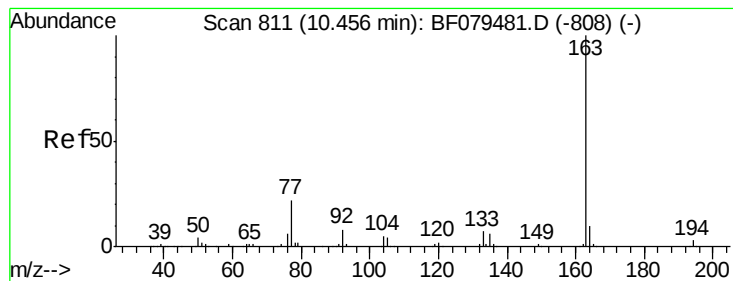
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#44
 2-Fluorobiphenyl
 Concen: 60.42 ng
 RT: 9.84 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF079642.D
 Acq: 31 May 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	572260		
171	34.2	28.5	42.7	
170	22.7	19.7	29.5	





#49

Dimethylphthalate

Concen: 21.05 ng

RT: 10.35 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF079642.D

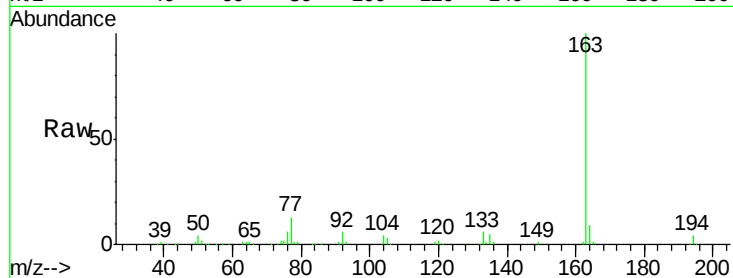
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Instrument :

BNA_F

ClientSampleId :

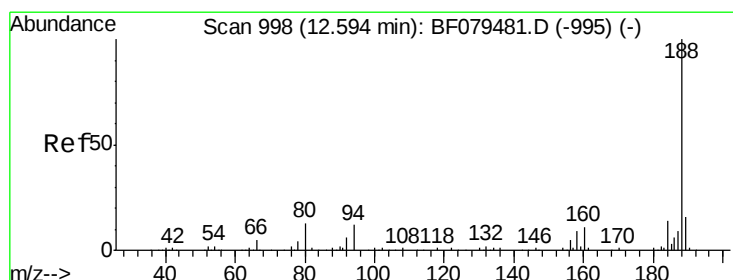
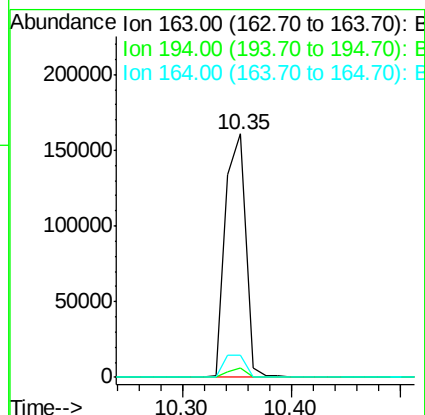
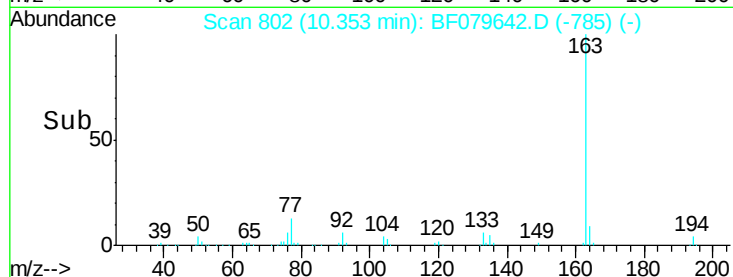
HB-9A-DEL1(0-2)



Tgt Ion	Ratio	Resp	Lower	Upper
163	100	209558		
194	3.6	2.4	3.6	
164	9.3	8.2	12.4	

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#63

Phenanthrene-d10

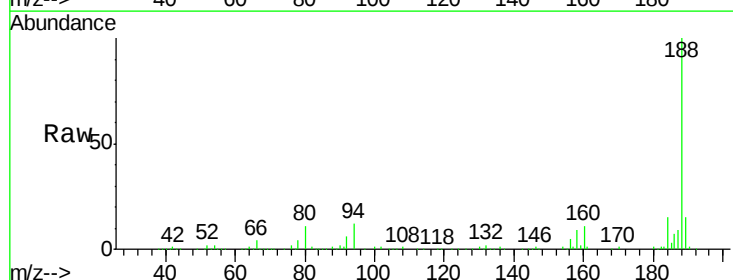
Concen: 20.00 ng

RT: 12.48 min Scan# 988

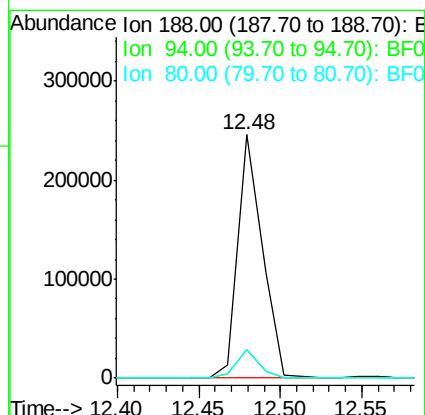
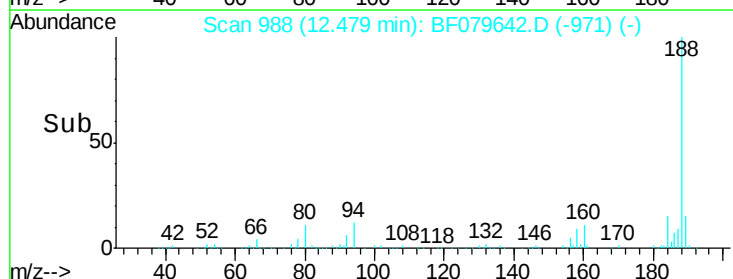
Delta R.T. -0.00 min

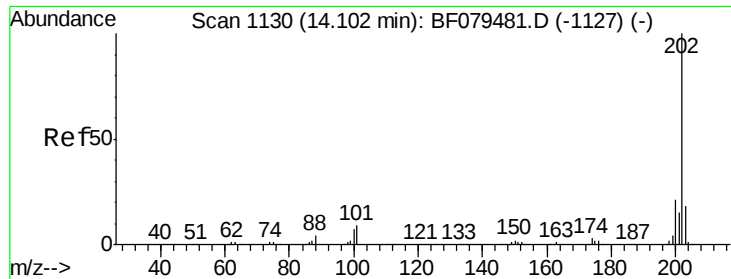
Lab File: BF079642.D

Acq: 31 May 2015 19:36



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	255438		
94	11.7	9.8	14.6	
80	11.5	10.5	15.7	





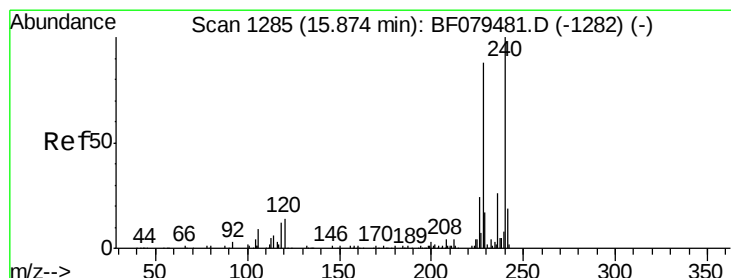
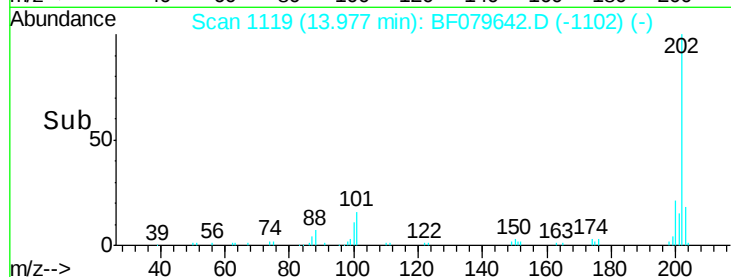
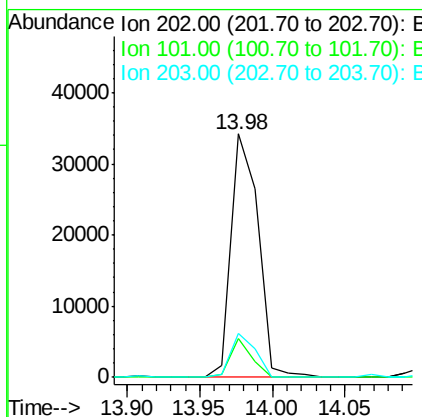
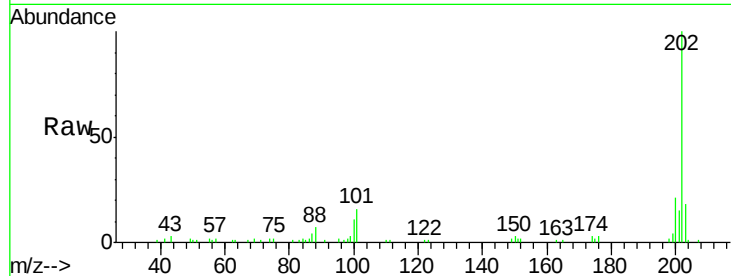
#74
 Fluoranthene
 Concen: 2.95 ng
 RT: 13.98 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BF079642.D
 Acq: 31 May 2015 19:36

Instrument :
 BNA_F
 ClientSampleId :
 HB-9A-DEL1(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	44391		
101	15.7	0.0	29.3	
203	18.2	0.0	37.6	

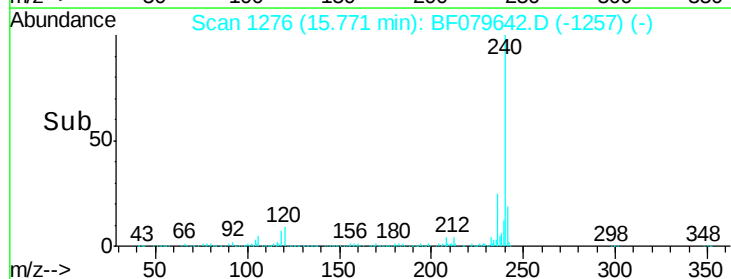
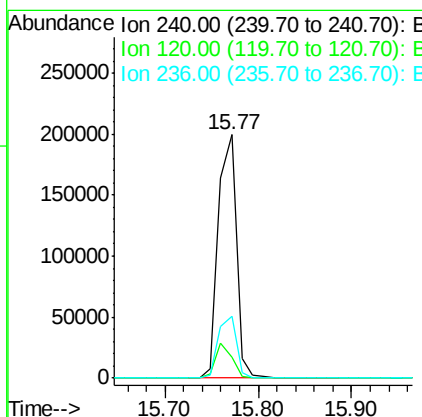
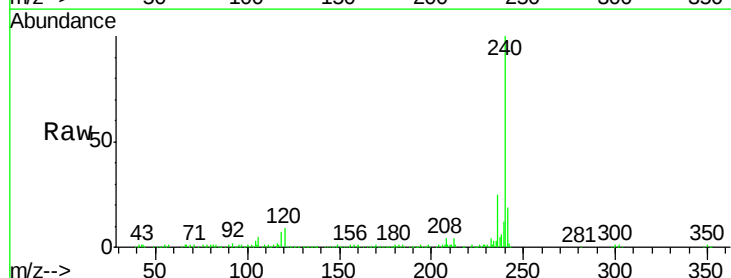
Manual Integrations
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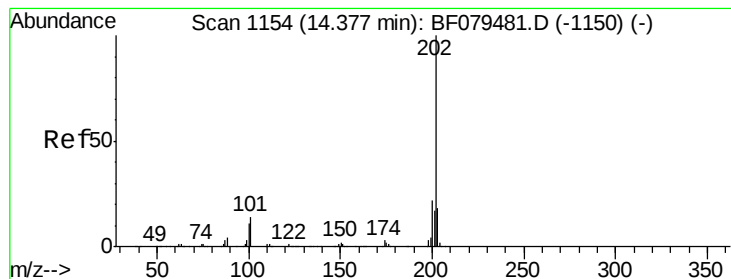
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.77 min Scan# 1276
 Delta R.T. 0.02 min
 Lab File: BF079642.D
 Acq: 31 May 2015 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	269484		
120	8.7	10.8	16.2#	
236	25.3	21.0	31.6	





#77

Pyrene

Concen: 2.26 ng

RT: 14.26 min Scan# 1144

Delta R.T. 0.01 min

Lab File: BF079642.D

Acq: 31 May 2015 19:36

Instrument :

BNA_F

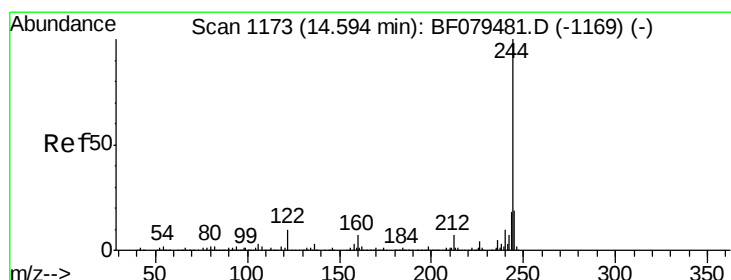
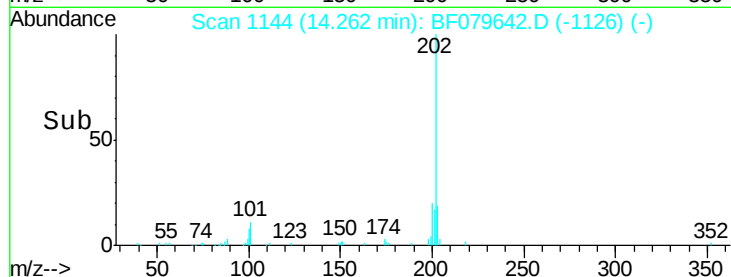
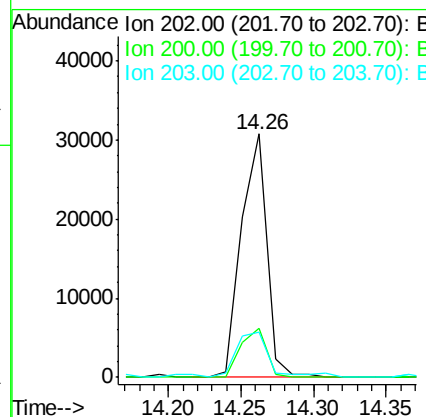
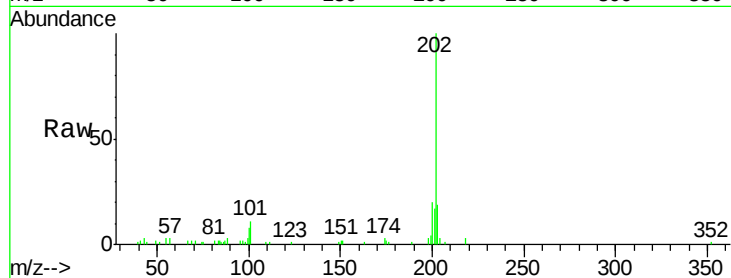
ClientSampleId :

HB-9A-DEL1(0-2)

Tgt Ion:	202	Resp:	37667
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.5	26.3
203	18.6	14.4	21.6

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#78

Terphenyl-d14

Concen: 59.41 ng

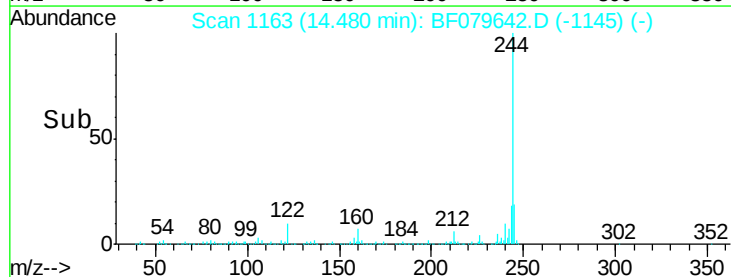
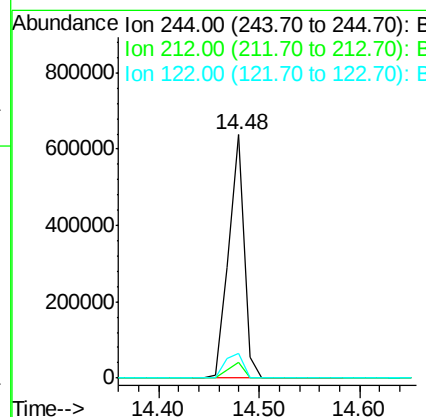
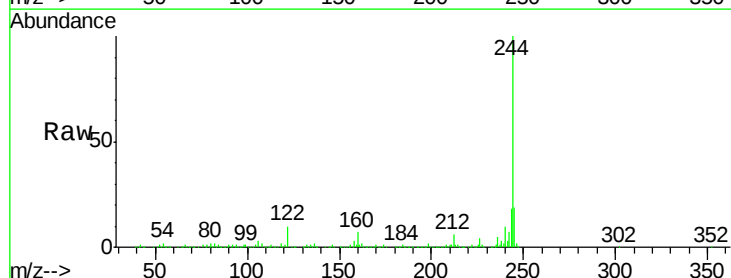
RT: 14.48 min Scan# 1163

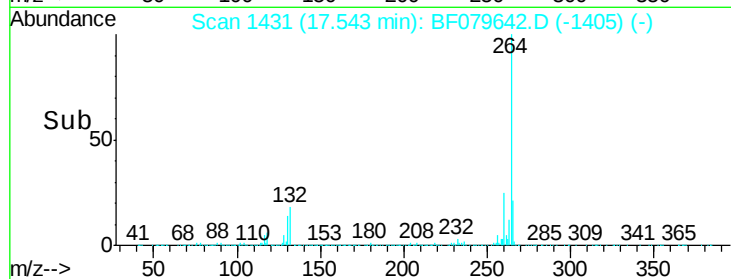
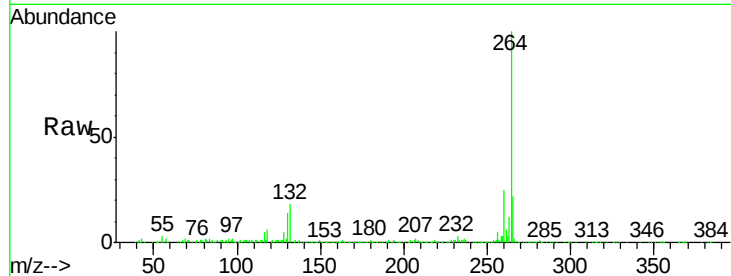
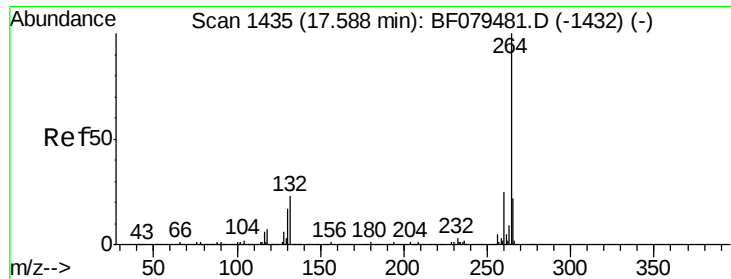
Delta R.T. 0.01 min

Lab File: BF079642.D

Acq: 31 May 2015 19:36

Tgt Ion:	244	Resp:	682207
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.2	7.8
122	10.0	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.54 min Scan# 1431
Delta R.T. 0.10 min
Lab File: BF079642.D
Acq: 31 May 2015 19:36

Instrument :
BNA_F
ClientSampleId :
HB-9A-DEL1(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.2	19.8	29.8
265	21.6	17.8	26.6

Manual Integrations
APPROVED

apatel
6/1/2015 8:43:08 PM

