

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079978.D
 Acq On : 13 Jun 2015 14:30
 Operator : TP/IZ
 Sample : G2604-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR9814

Manual Integrations
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apatel
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Quant Time: Jun 15 11:42:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	41393	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	107630	20.00	ng	0.02
38) Acenaphthene-d10	10.44	164	94152	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	193245	20.00	ng	-0.02
75) Chrysene-d12	14.94	240	221085m	20.00	ng	-0.21
86) Perylene-d12	16.85	264	223009m	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	38482	17.05	ng	0.00
7) Phenol-d6	6.97	99	66843	21.73	ng	0.00
23) Nitrobenzene-d5	7.95	82	197966m	121.36	ng	0.02
41) 2,4,6-Tribromophenol	11.23	330	10595	13.90	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	67767	10.08	ng	0.00
78) Terphenyl-d14	13.65	244	92089	9.60	ng	-0.13
Target Compounds						
31) Naphthalene	8.72	128	93969	15.97	ng	Qvalue # 67
37) 2-Methylnaphthalene	9.39	142	38410	9.66	ng	98
45) 1,1'-Biphenyl	9.85	154	25189	3.31	ng	93

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

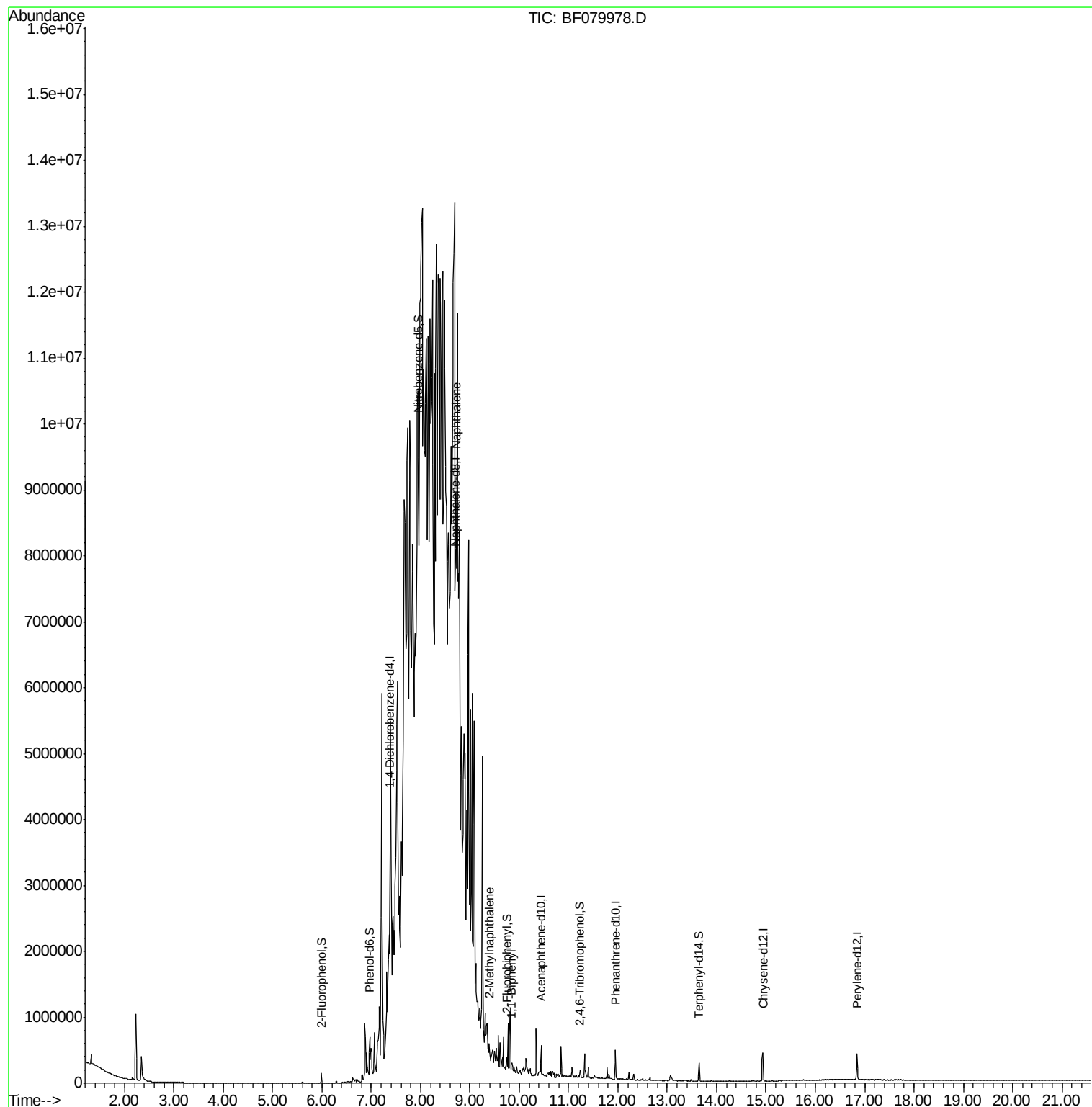
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079978.D
Acq On : 13 Jun 2015 14:30
Operator : TP/IZ
Sample : G2604-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

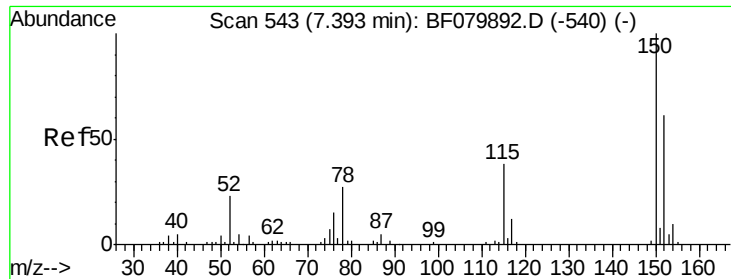
Instrument :
BNA_F
ClientSampleId :
LAR9814

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Quant Time: Jun 15 11:42:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
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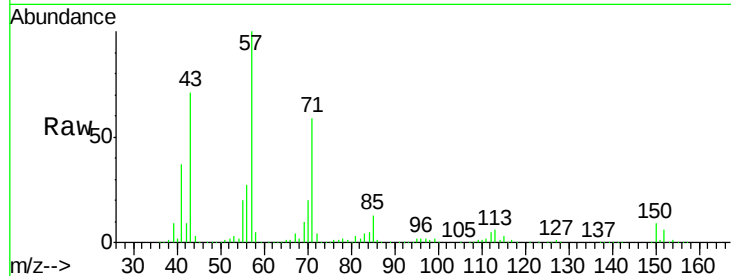




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079978.D
Acq: 13 Jun 2015 14:30

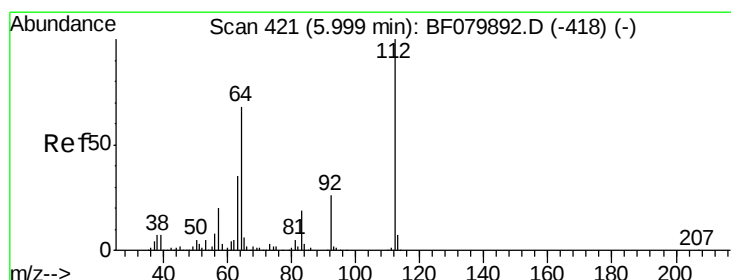
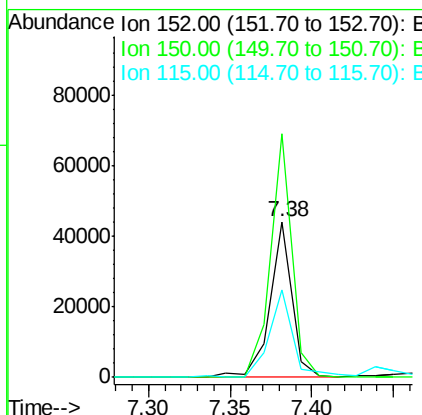
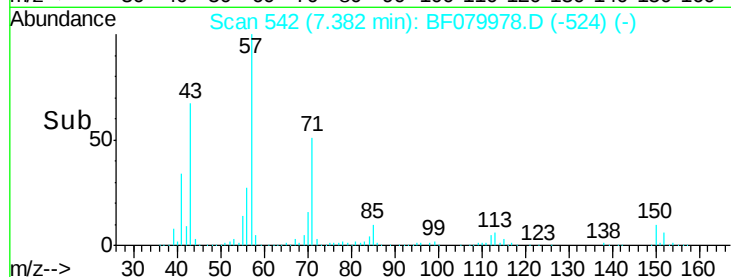
Instrument :
BNA_F
ClientSampleId :
LAR9814



Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	131.0	196.4
115	55.7	49.8	74.6

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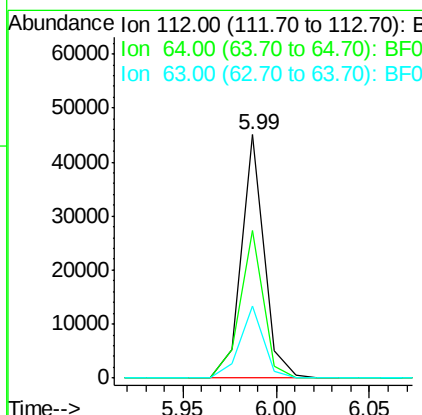
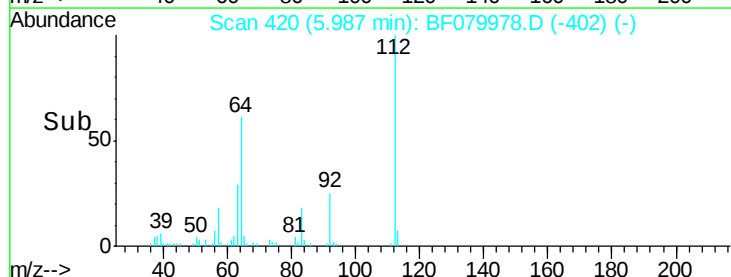
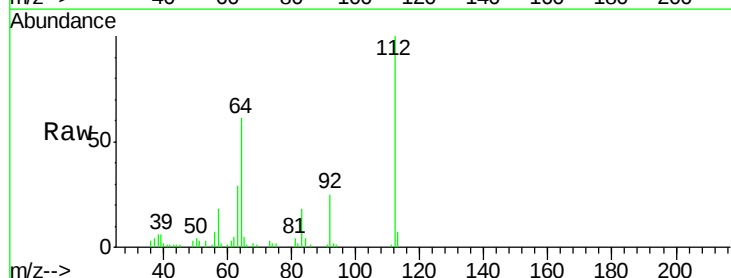
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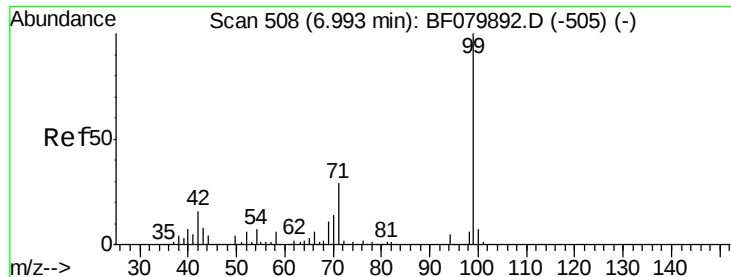


#5

2-Fluorophenol
Concen: 17.05 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079978.D
Acq: 13 Jun 2015 14:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	54.5	81.7
63	29.5	27.9	41.9





#7

Phenol-d6

Concen: 21.73 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079978.D

Acq: 13 Jun 2015 14:30

Instrument :

BNA_F

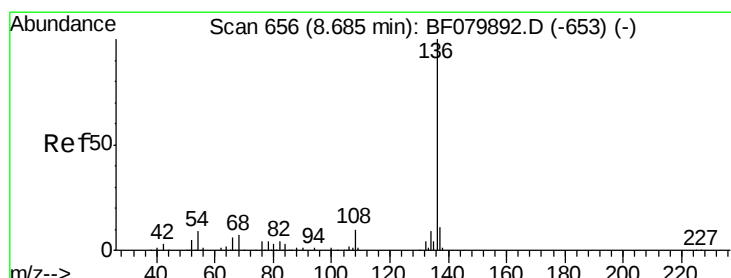
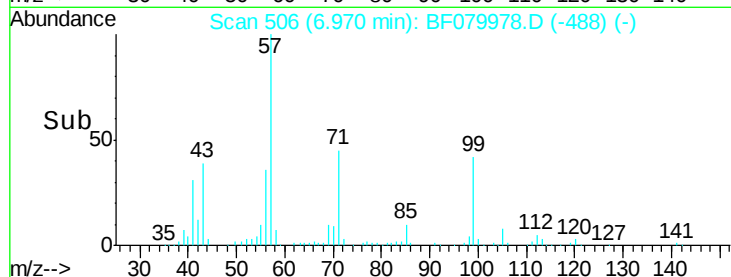
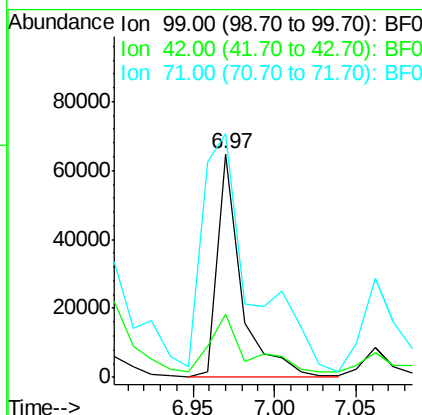
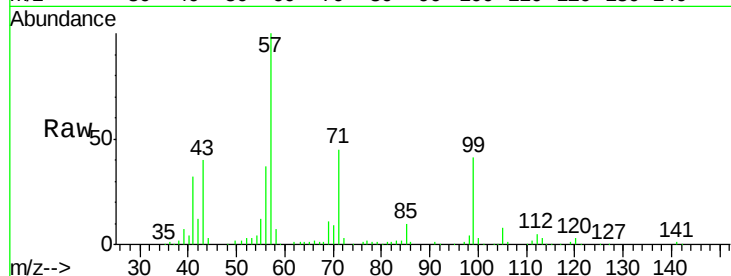
ClientSampled :

LAR9814

Tgt Ion:	99	Resp:	66843
Ion Ratio	Lower	Upper	
99	100		
42	28.5	12.9	19.3#
71	108.9	23.4	35.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

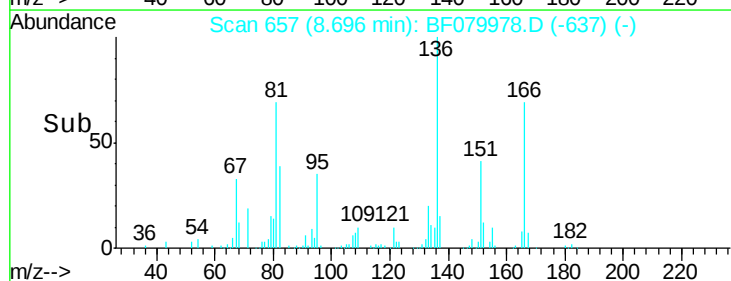
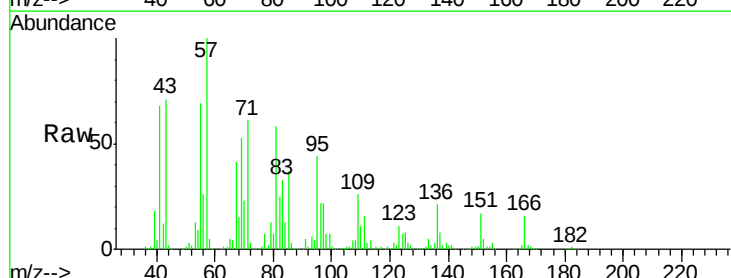
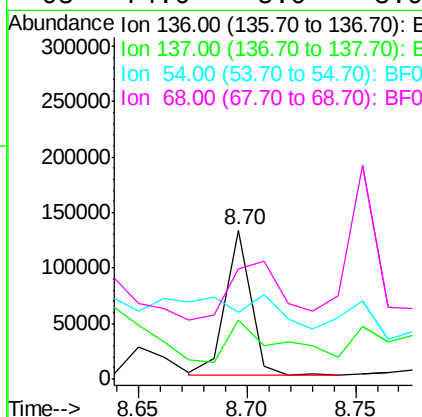
RT: 8.70 min Scan# 657

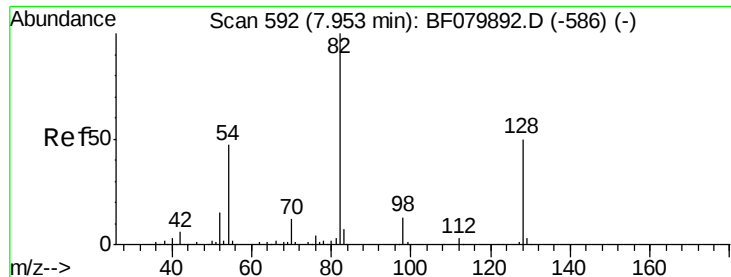
Delta R.T. 0.02 min

Lab File: BF079978.D

Acq: 13 Jun 2015 14:30

Tgt Ion:	136	Resp:	107630
Ion Ratio	Lower	Upper	
136	100		
137	39.5	8.7	13.1#
54	44.6	7.3	10.9#
68	74.0	5.9	8.9#





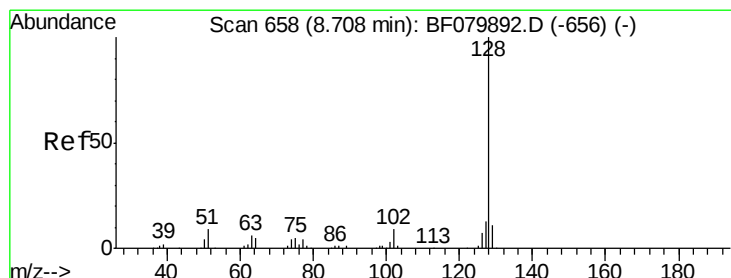
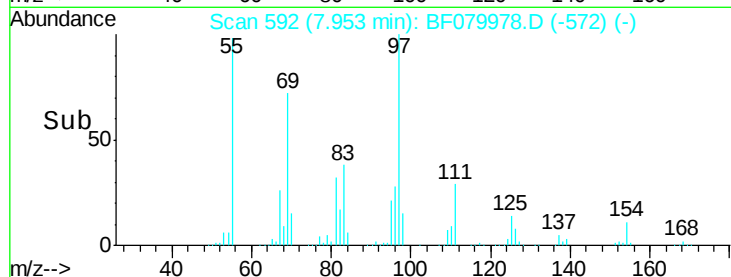
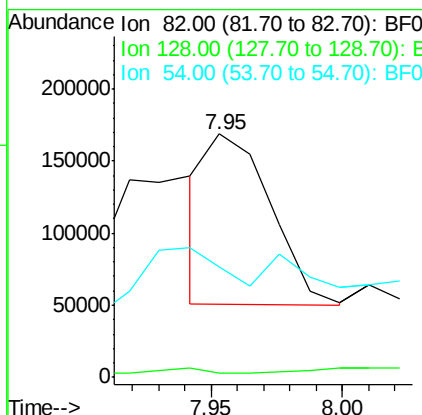
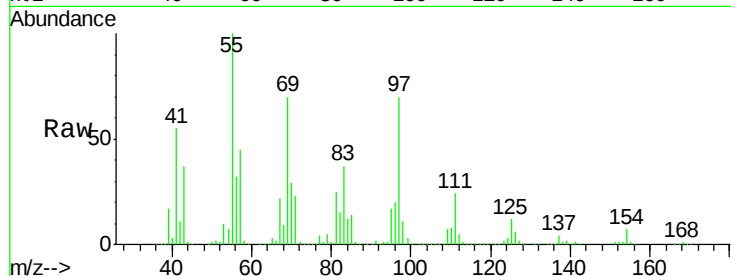
#23
Nitrobenzene-d5
Concen: 121.36 ng m
RT: 7.95 min Scan# 592
Delta R.T. 0.02 min
Lab File: BF079978.D
Acq: 13 Jun 2015 14:30

Instrument :
BNA_F
ClientSampled :
LAR9814

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	197966		
128	1.6	40.3	60.5#	
54	45.5	38.0	57.0	

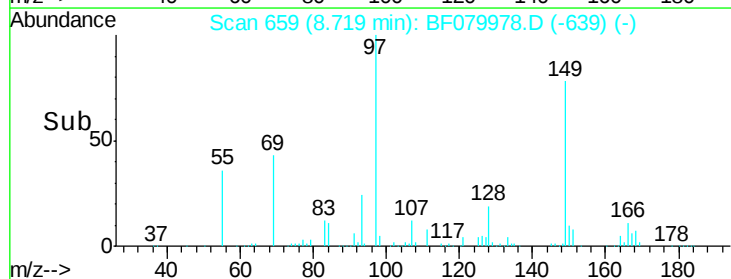
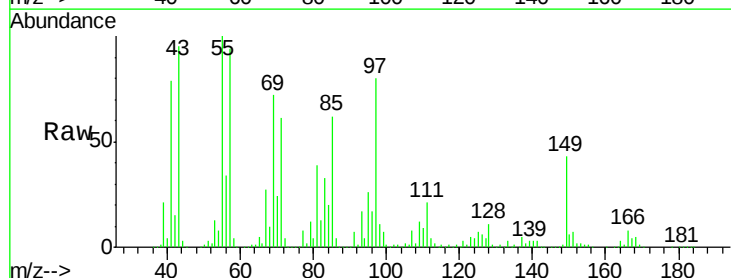
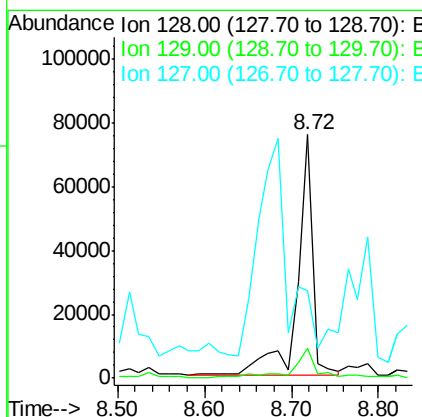
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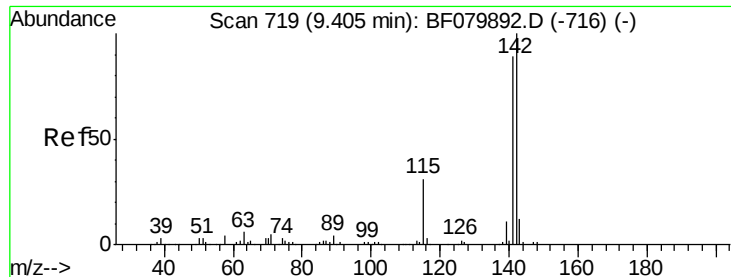
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#31
Naphthalene
Concen: 15.97 ng
RT: 8.72 min Scan# 659
Delta R.T. 0.02 min
Lab File: BF079978.D
Acq: 13 Jun 2015 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	93969		
129	12.1	8.8	13.2	
127	36.2	10.5	15.7#	





#37

2-Methylnaphthalene

Concen: 9.66 ng

RT: 9.39 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF079978.D

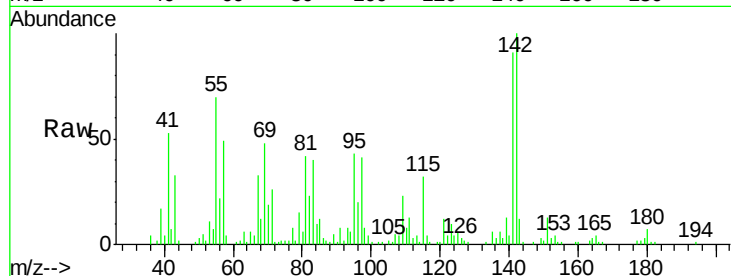
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Instrument :

BNA_F

ClientSampleId :

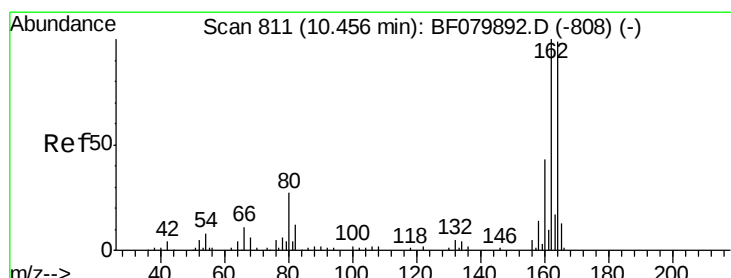
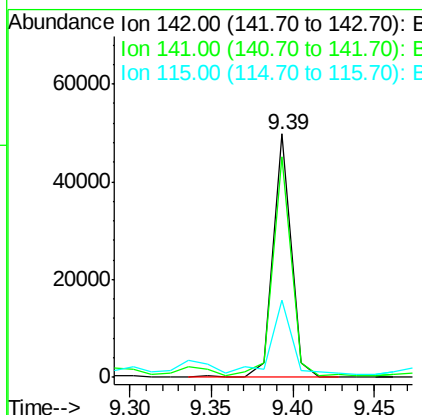
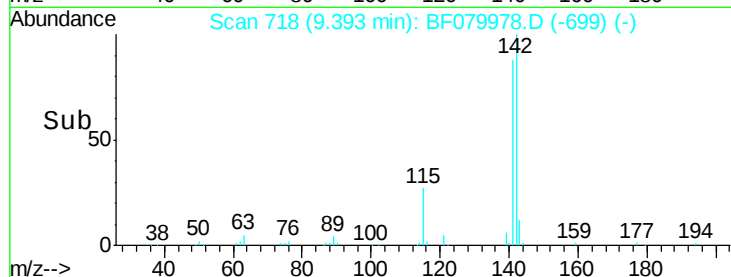
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Tgt Ion:	142	Resp:	38410
Ion Ratio	Lower	Upper	
142	100		
141	90.6	70.9	106.3
115	31.9	25.0	37.4

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#38

Acenaphthene-d10

Concen: 20.00 ng

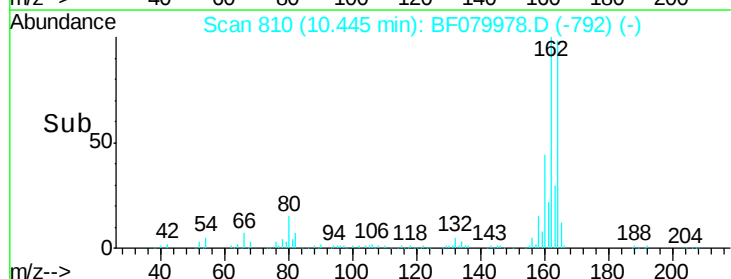
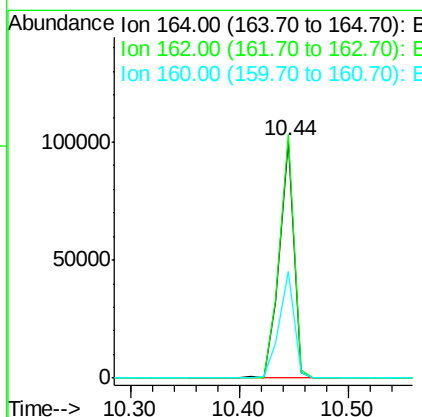
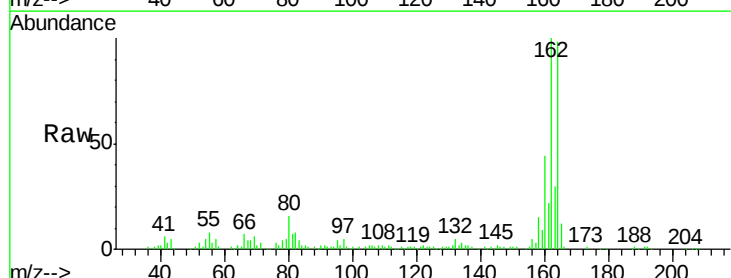
RT: 10.44 min Scan# 810

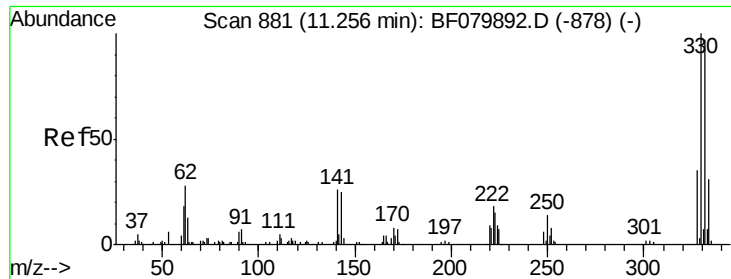
Delta R.T. 0.00 min

Lab File: BF079978.D

Acq: 13 Jun 2015 14:30

Tgt Ion:	164	Resp:	94152
Ion Ratio	Lower	Upper	
164	100		
162	102.5	80.7	121.1
160	44.9	34.6	51.8





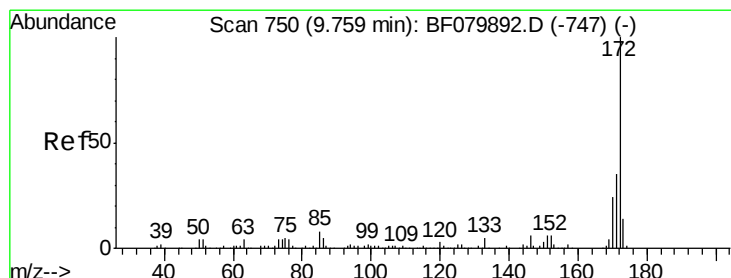
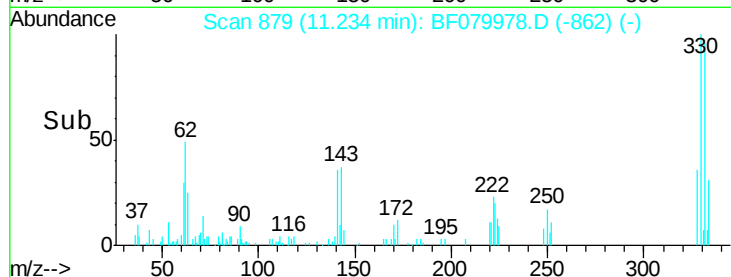
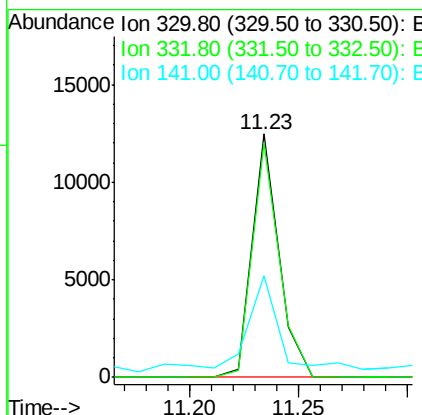
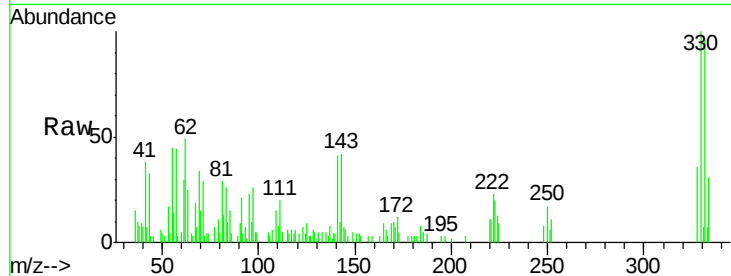
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 2,4,6-Tribromophenol
 Concen: 13.90 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079978.D
 Acq: 13 Jun 2015 14:30

Instrument :
 BNA_F
 ClientSampleId :
 LAR9814

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	10595		
332	97.0		77.3	115.9
141	51.7		26.8	40.2#

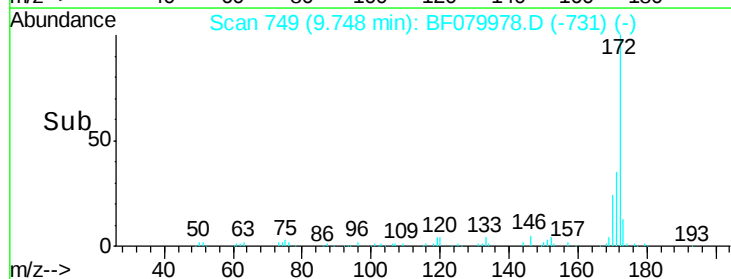
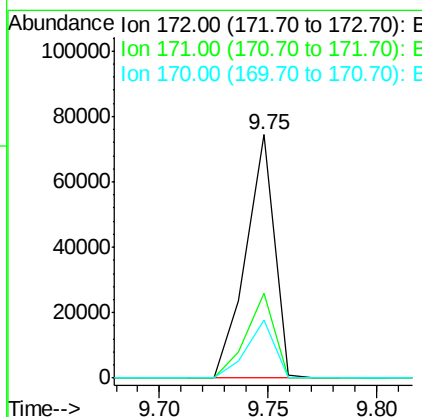
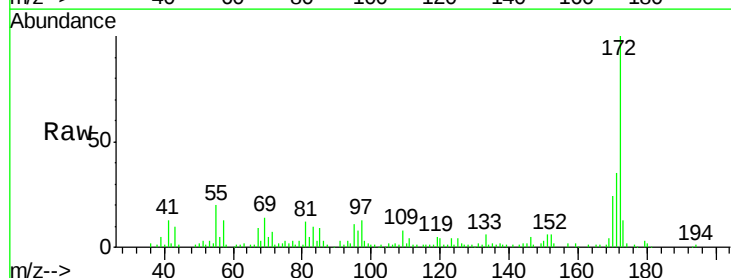
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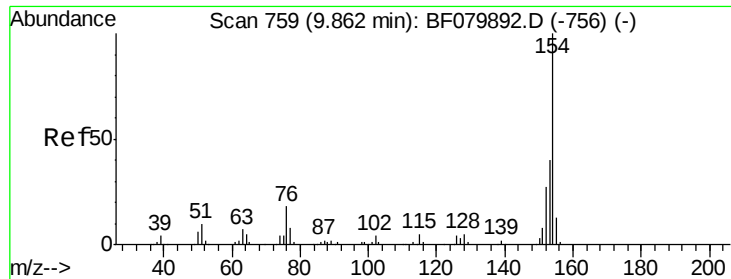
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#44
 2-Fluorobiphenyl
 Concen: 10.08 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079978.D
 Acq: 13 Jun 2015 14:30

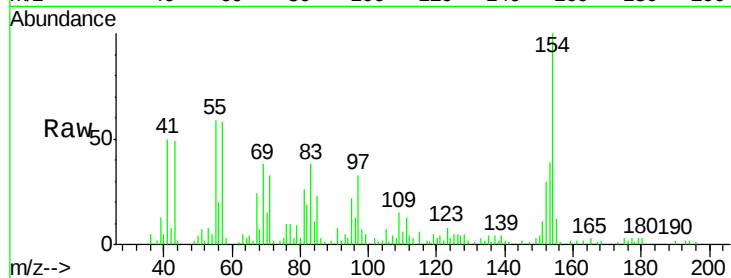
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	67767		
171	34.9		28.3	42.5
170	23.7		19.0	28.4





#45
 1,1'-Biphenyl
 Concen: 3.31 ng
 RT: 9.85 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF079978.D
 Acq: 13 Jun 2015 14:30

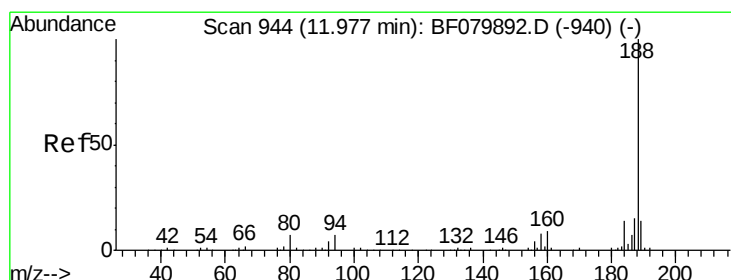
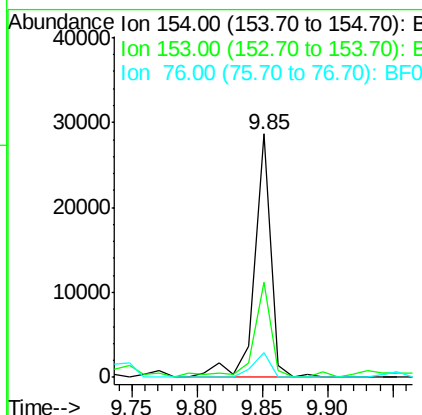
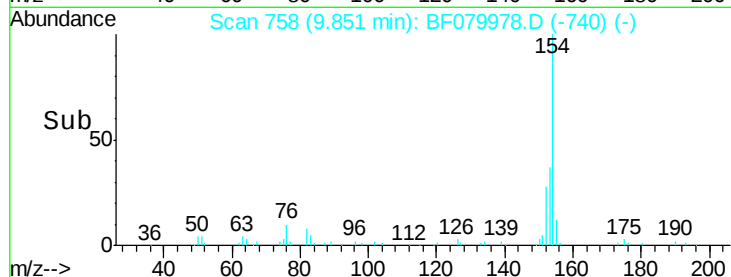
Instrument :
 BNA_F
 ClientSampleId :
 LAR9814



Tgt Ion:	154	Resp:	25189
Ion Ratio	Lower	Upper	
154	100		
153	38.9	20.1	60.1
76	10.0	0.0	38.4

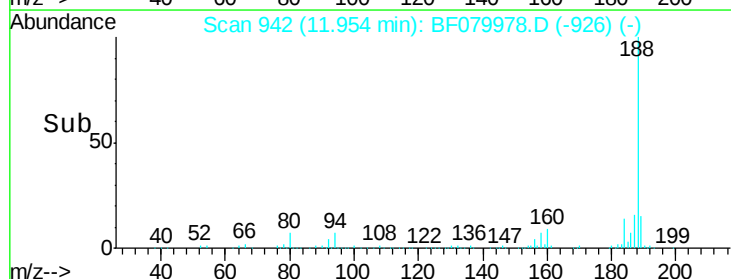
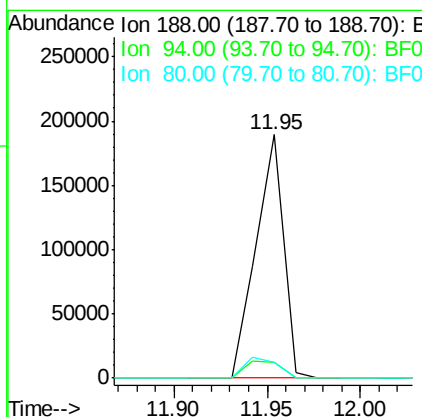
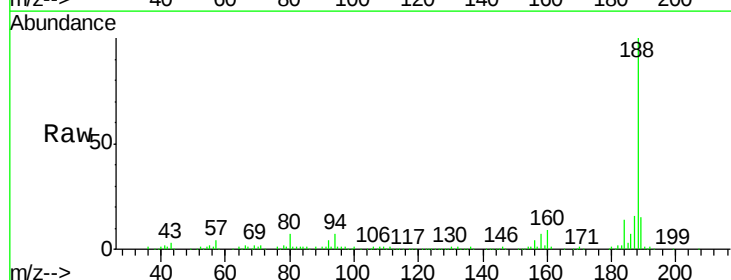
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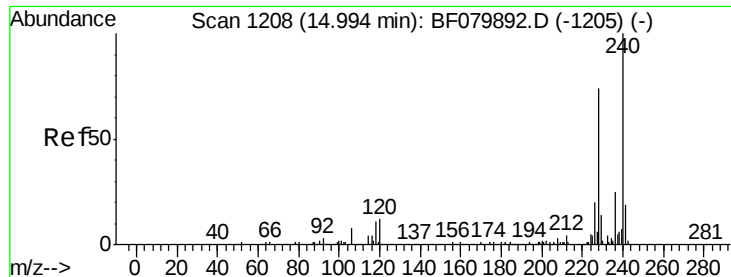
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.95 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF079978.D
 Acq: 13 Jun 2015 14:30

Tgt Ion:	188	Resp:	193245
Ion Ratio	Lower	Upper	
188	100		
94	6.7	5.8	8.8
80	6.6	5.9	8.9





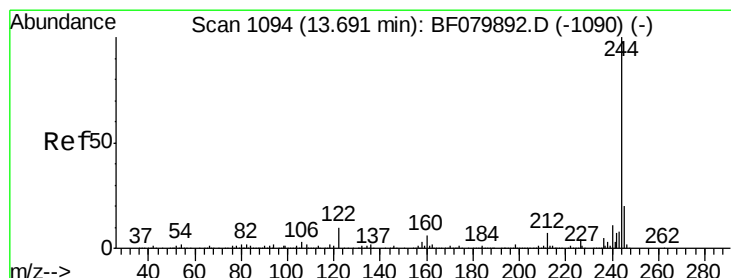
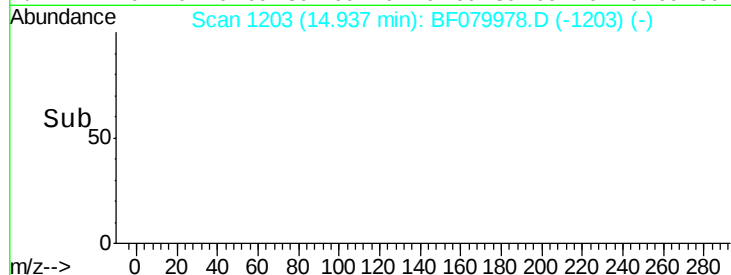
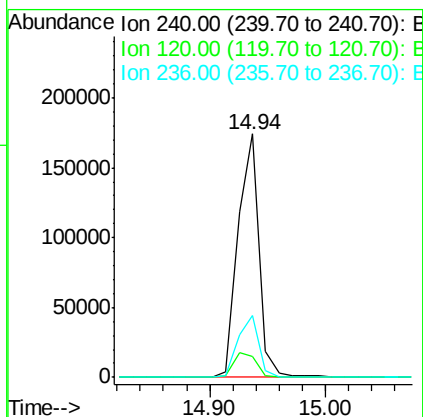
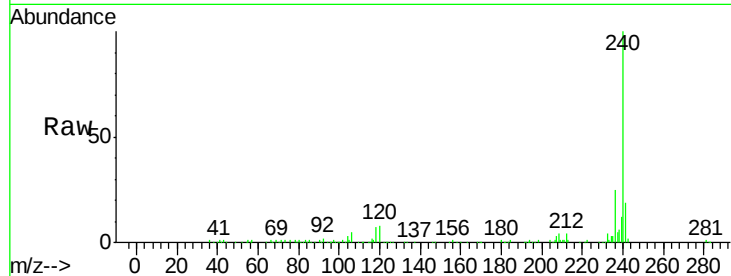
#75
Chrysene-d12
Concen: 20.00 ng m
RT: 14.94 min Scan# 1203
Delta R.T. -0.21 min
Lab File: BF079978.D
Acq: 13 Jun 2015 14:30

Instrument :
BNA_F
ClientSampleId :
LAR9814

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	221085		
120	8.3	9.4	14.2#	
236	25.5	19.6	29.4	

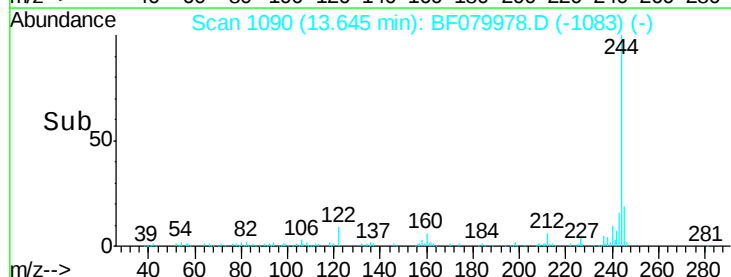
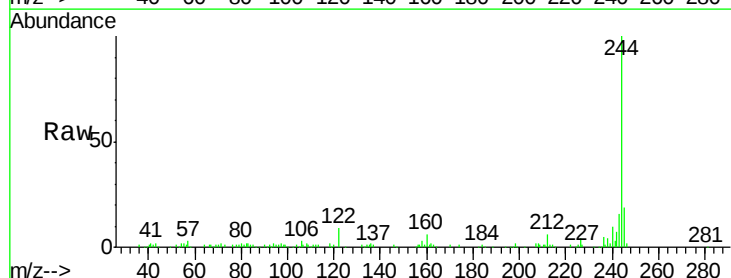
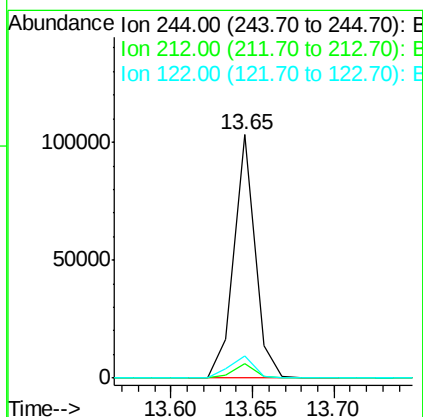
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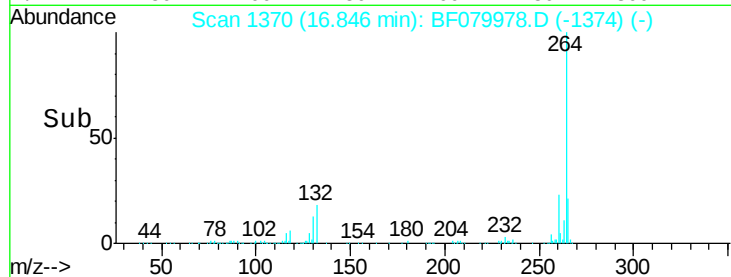
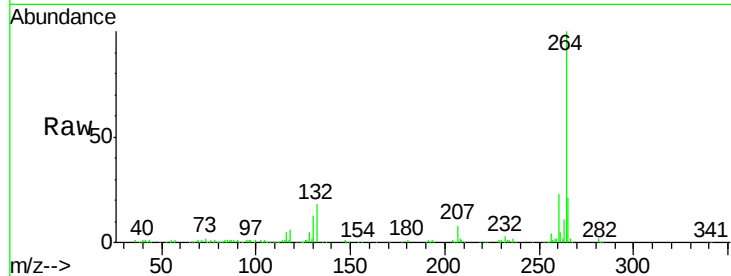
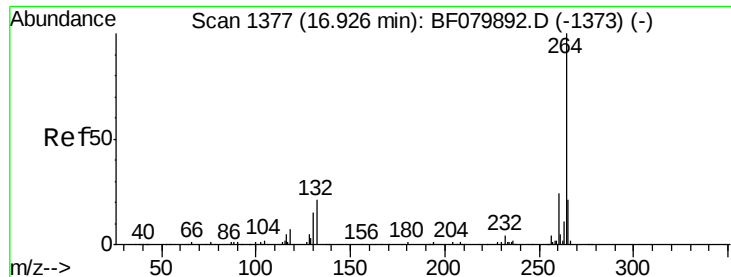
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#78
Terphenyl-d14
Concen: 9.60 ng
RT: 13.65 min Scan# 1090
Delta R.T. -0.13 min
Lab File: BF079978.D
Acq: 13 Jun 2015 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	92089		
212	5.8	5.4	8.2	
122	9.4	7.8	11.8	





#86
Perylene-d12
Concen: 20.00 ng m
RT: 16.85 min Scan# 1370
Delta R.T. -0.25 min
Lab File: BF079978.D
Acq: 13 Jun 2015 14:30

Instrument :
BNA_F
ClientSampleId :
LAR9814

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		223009		
260	23.2	19.3		28.9	
265	20.9	17.0		25.6	

Manual Integrations
APPROVED

apatel
6/15/2015 1:01:23 PM

