

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079446.D
 Acq On : 22 May 2015 21:25
 Operator : TP/IZ
 Sample : G2366-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Manual Integrations
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Quant Time: May 23 00:12:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	71999	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	298373	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	147630	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	268057	20.00	ng	-0.01
75) Chrysene-d12	15.92	240	253860	20.00	ng	-0.05
86) Perylene-d12	17.71	264	261150	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	269329m	64.39	ng	0.00
7) Phenol-d6	6.63	99	221112m	39.99	ng	0.00
23) Nitrobenzene-d5	7.75	82	450898	86.85	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	248853	155.82	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	925121	87.31	ng	0.00
78) Terphenyl-d14	14.63	244	942926	88.93	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	9.52	142	105091	10.67	ng	99
51) Acenaphthene	10.83	154	23858	2.66	ng	99
57) Fluorene	11.47	166	40282	3.79	ng	95
70) Phenanthrene	12.66	178	32779	2.19	ng	99

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

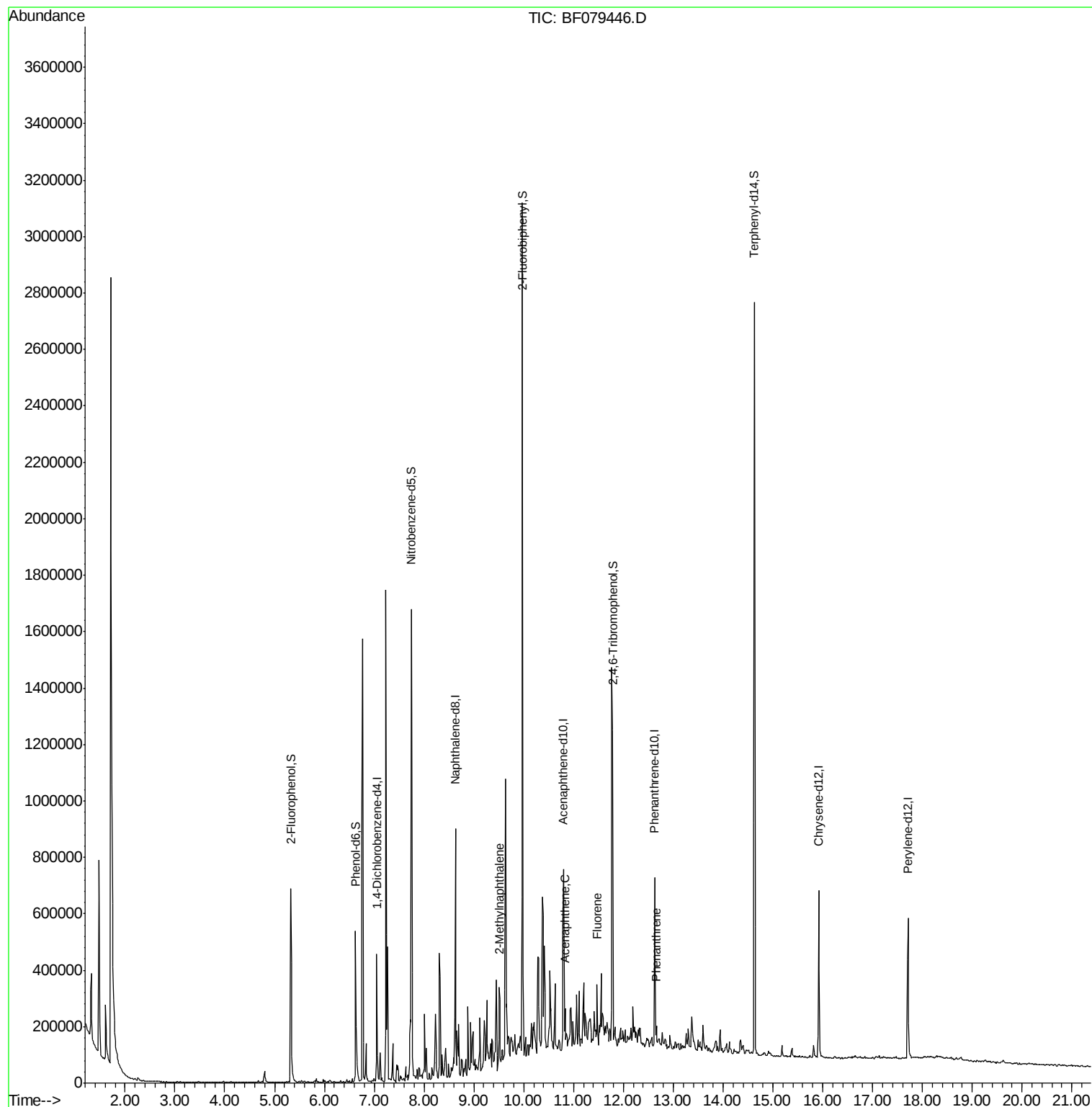
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079446.D
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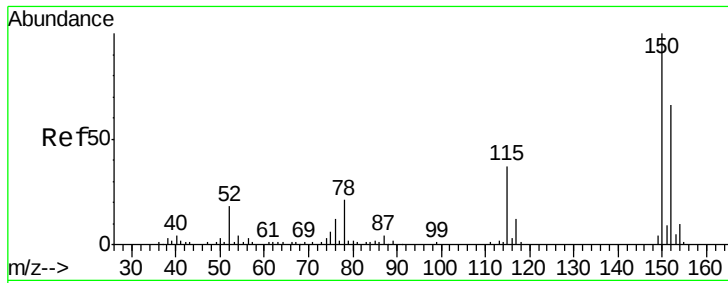
Instrument :
BNA_F
ClientSampleId :
RW-1

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Quant Time: May 23 00:12:08 2015
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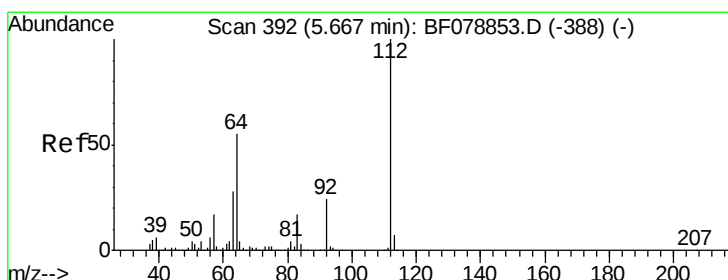
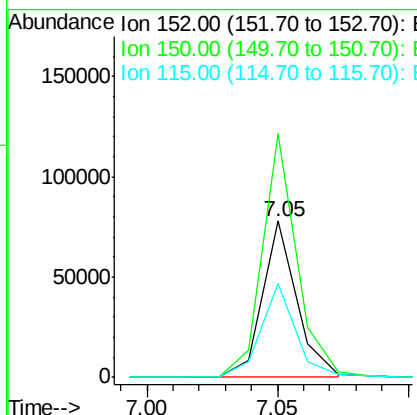
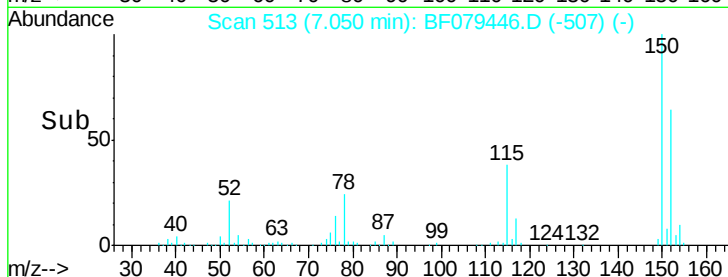
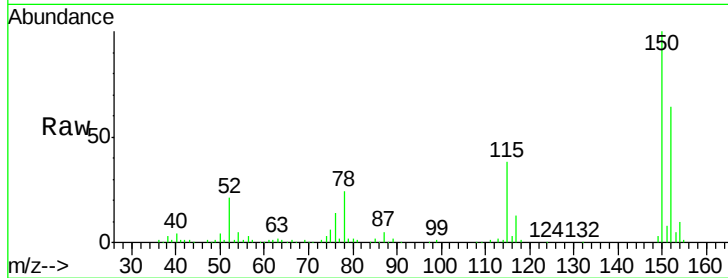
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF079446.D
 Acq: 22 May 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tot Ion:	152	Resp:	71999
Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.8
115	59.7	49.4	74.0

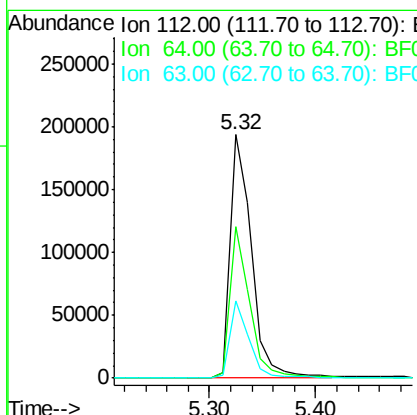
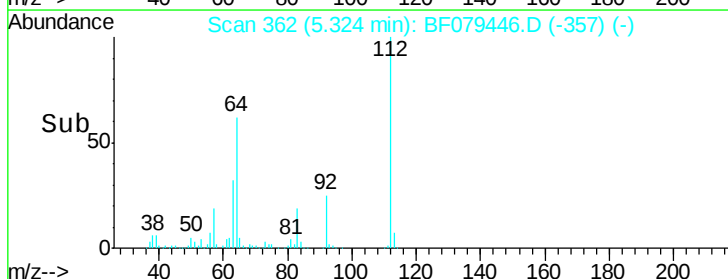
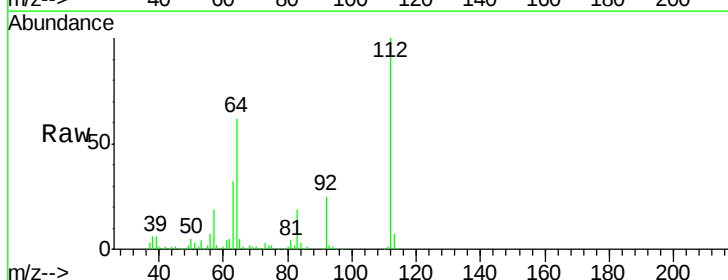
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#5
 2-Fluorophenol
 Concen: 64.39 ng m
 RT: 5.32 min Scan# 362
 Delta R.T. 0.00 min
 Lab File: BF079446.D
 Acq: 22 May 2015 21:25

Tgt Ion:	112	Resp:	269329
Ion	Ratio	Lower	Upper
112	100		
64	62.1	44.2	66.2
63	31.7	22.7	34.1





#7

Phenol-d6

Concen: 39.99 ng/mL

RT: 6.63 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

Instrument :

BNA_F

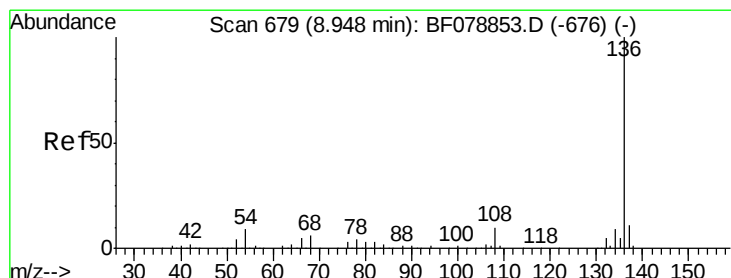
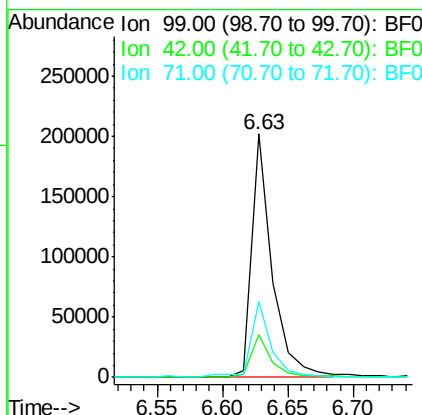
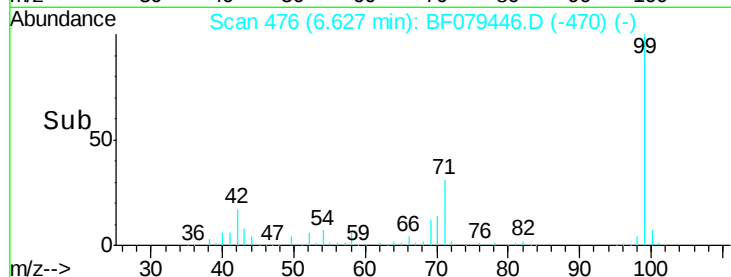
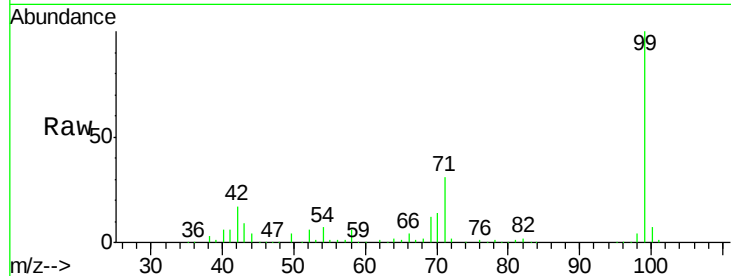
ClientSampled :

RW-1

Tot Ion:	99	Resp:	221112
Ion Ratio	Lower	Upper	
99	100		
42	17.3	17.1	25.7
71	31.1	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.00 ng/mL

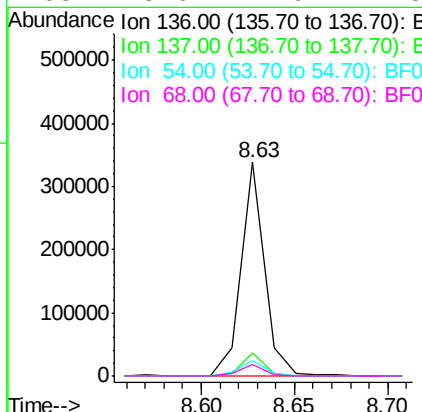
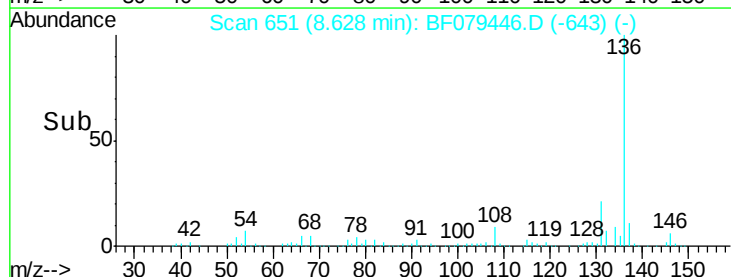
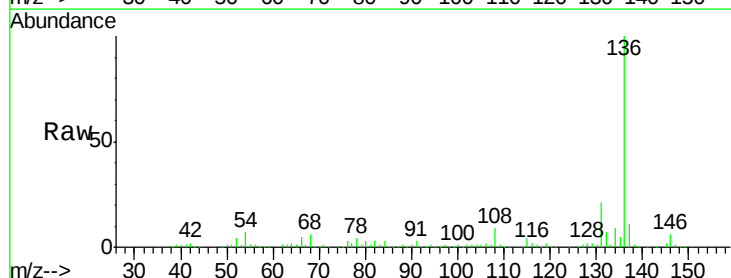
RT: 8.63 min Scan# 651

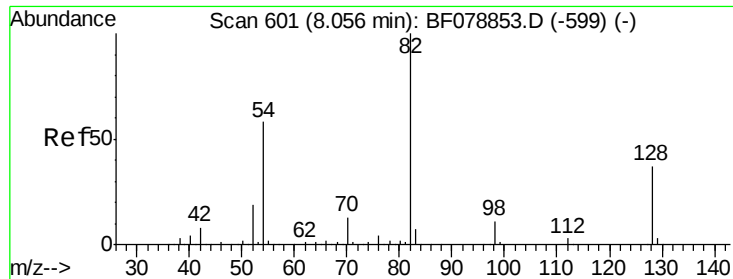
Delta R.T. 0.00 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

Tgt Ion:	136	Resp:	298373
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.2	6.9	10.3
68	5.6	4.9	7.3





#23

Nitrobenzene-d5

Concen: 86.85 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

Instrument :

BNA_F

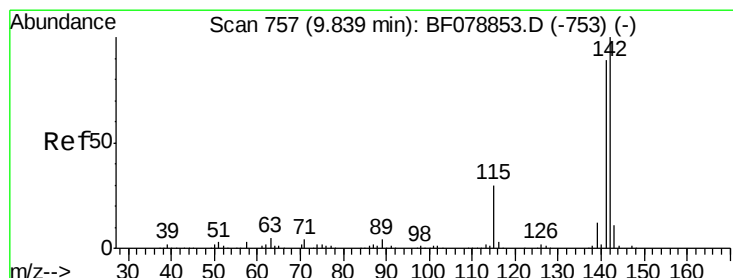
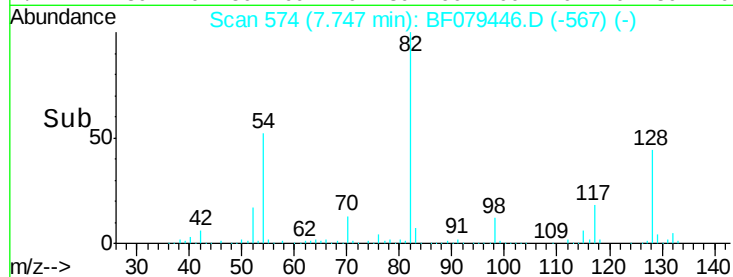
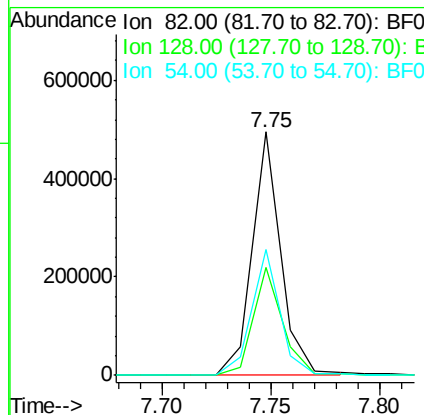
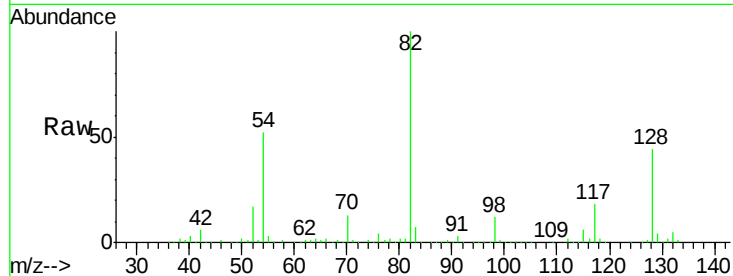
ClientSampleId :

RW-1

Tot Ion:	82	Resp:	450898
Ion Ratio	Lower	Upper	
82	100		
128	44.2	29.7	44.5
54	51.7	46.2	69.4

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#37

2-Methylnaphthalene

Concen: 10.67 ng

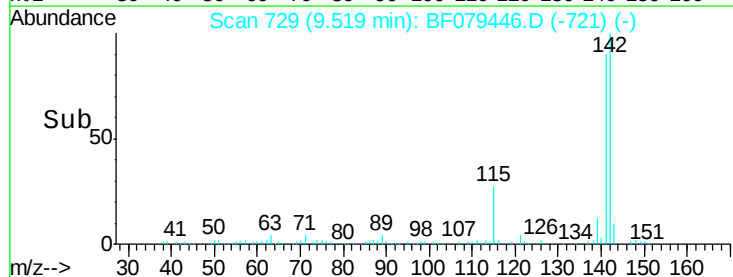
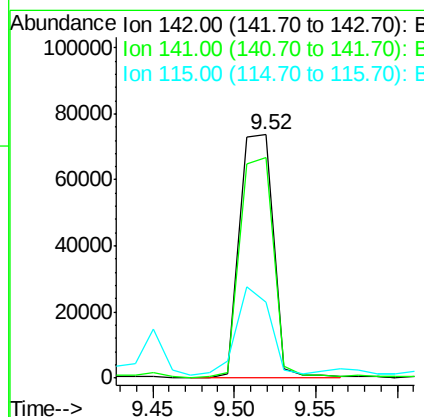
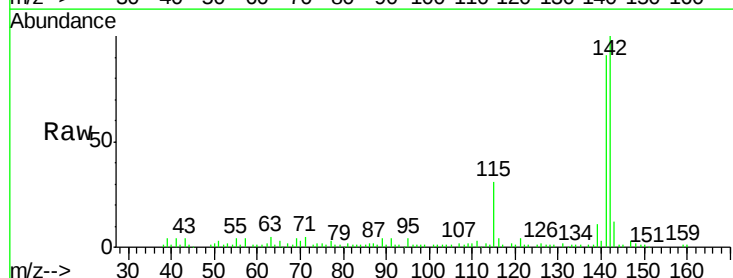
RT: 9.52 min Scan# 729

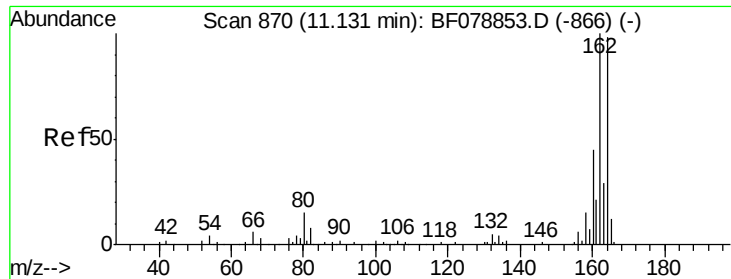
Delta R.T. 0.00 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

Tgt Ion:	142	Resp:	105091
Ion Ratio	Lower	Upper	
142	100		
141	90.6	71.6	107.4
115	31.0	24.2	36.4





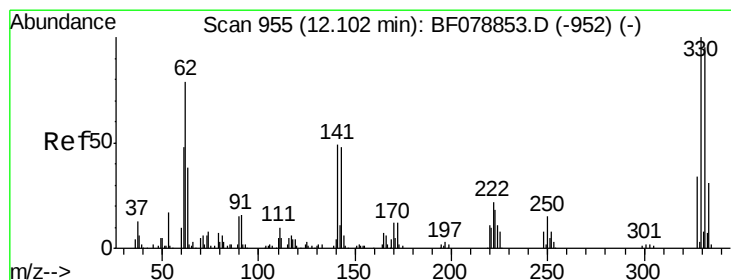
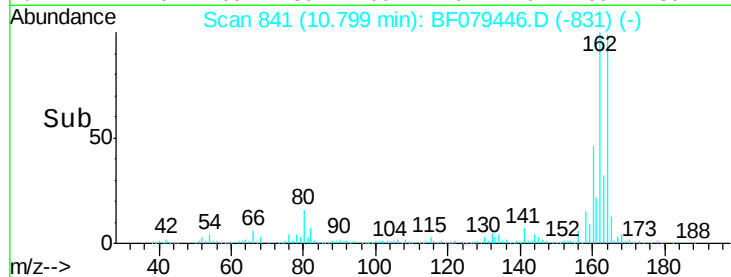
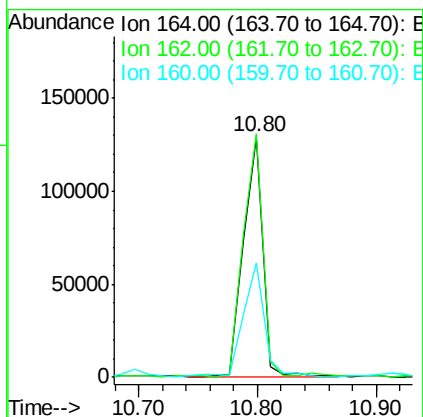
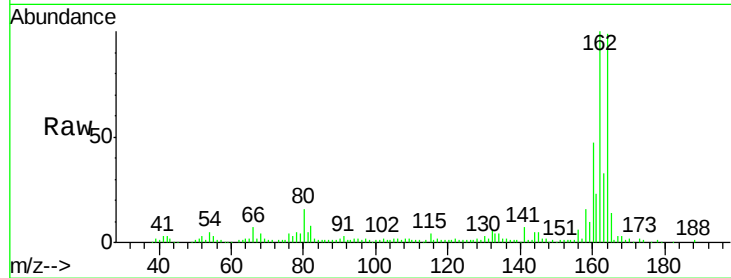
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF079446.D
Acq: 22 May 2015 21:25

Instrument :
BNA_F
ClientSampleId :
RW-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	81.4	122.0	
160	47.4	36.6	54.8	

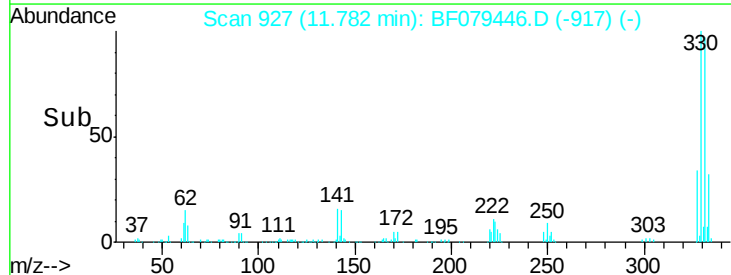
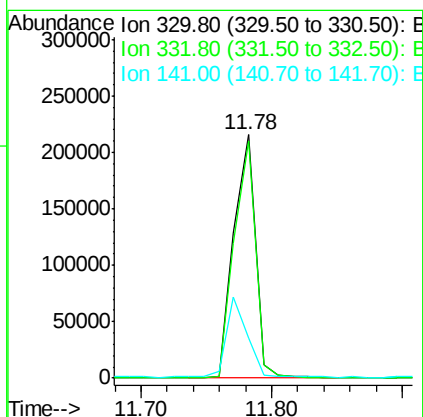
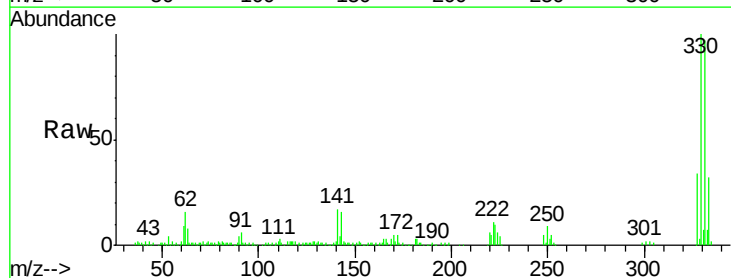
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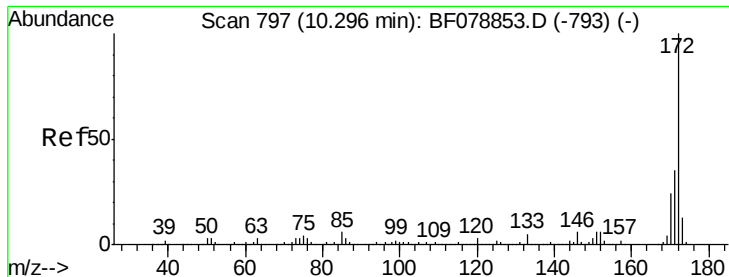
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#41
2,4,6-Tribromophenol
Concen: 155.82 ng
RT: 11.78 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF079446.D
Acq: 22 May 2015 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	76.9	115.3	
141	31.0	27.8	41.8	





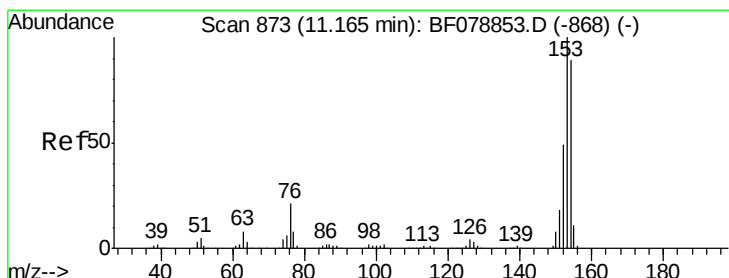
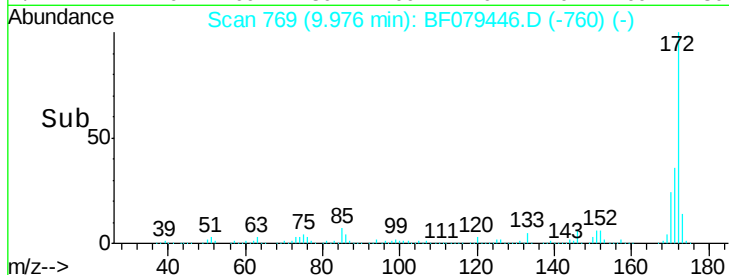
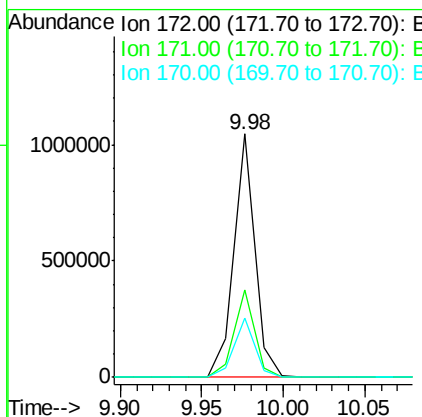
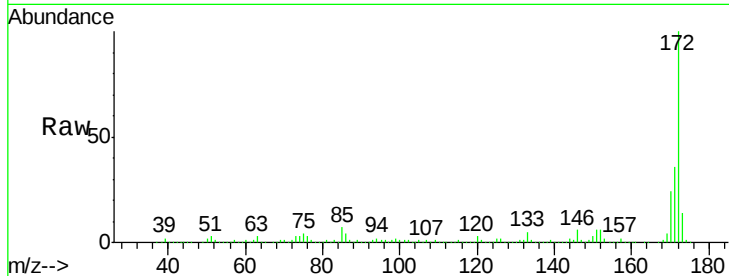
#44
 2-Fluorobiphenyl
 Concen: 87.31 ng
 RT: 9.98 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF079446.D
 Acq: 22 May 2015 21:25

Instrument :
 BNA_F
 ClientSampled :
 RW-1

Tot Ion:	172	Resp:	925121
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.3	42.5
170	24.5	19.4	29.2

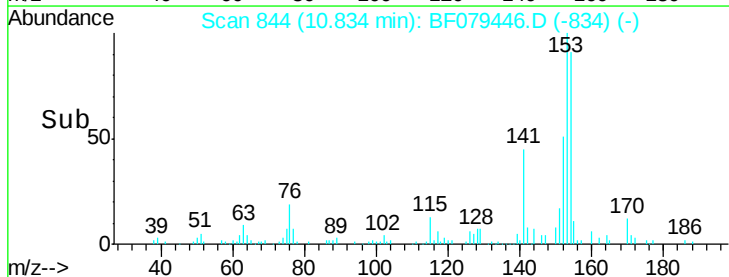
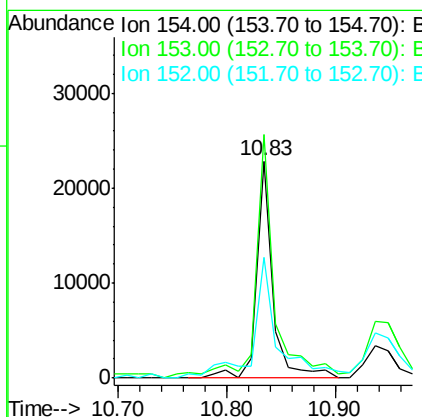
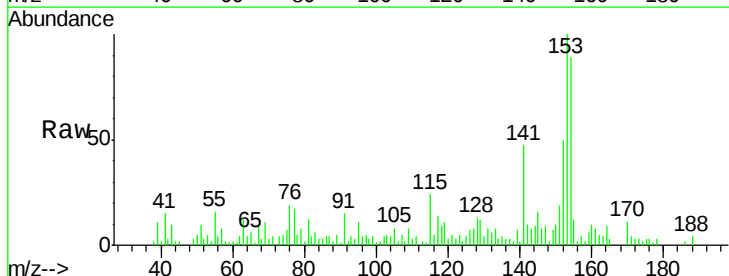
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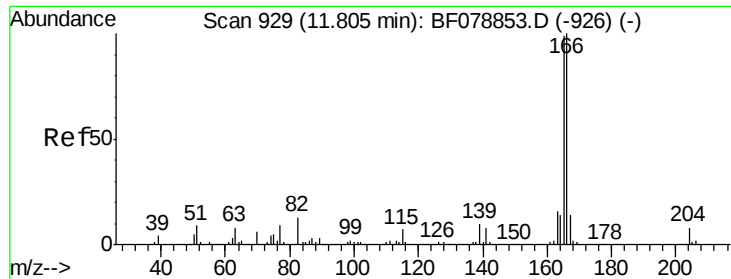
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#51
 Acenaphthene
 Concen: 2.66 ng
 RT: 10.83 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF079446.D
 Acq: 22 May 2015 21:25

Tgt Ion:	154	Resp:	23858
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.2	135.2
152	55.8	43.8	65.8





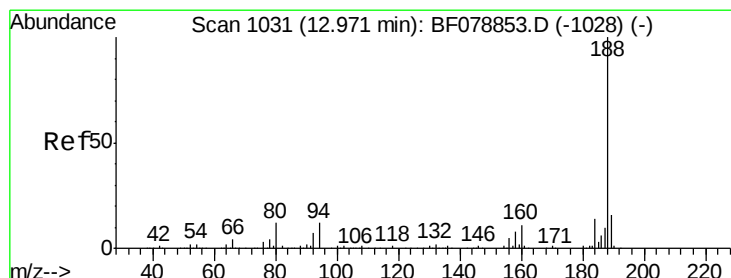
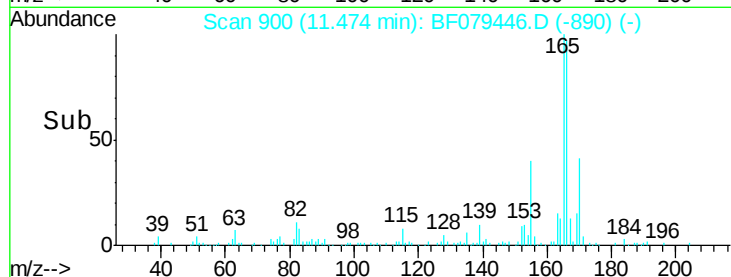
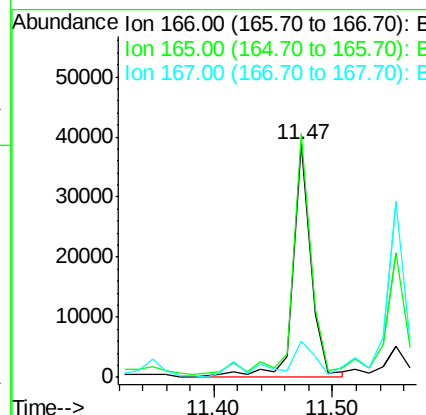
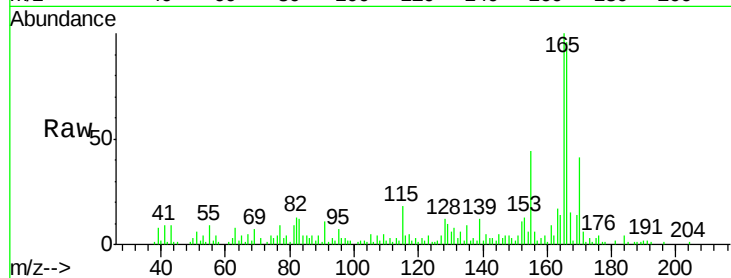
#57
 Fluorene
 Concen: 3.79 ng
 RT: 11.47 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF079446.D
 Acq: 22 May 2015 21:25

Instrument :
 BNA_F
 ClientSampled :
 RW-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	104.6	79.5	119.3		
167	15.8	11.0	16.6		

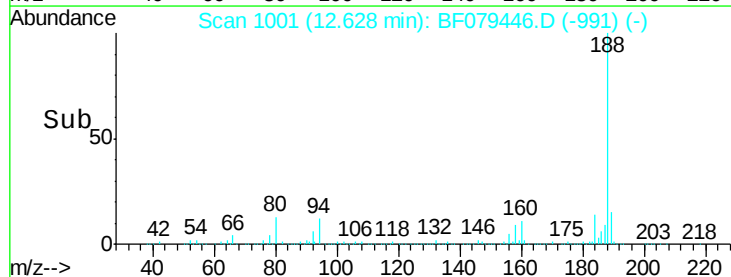
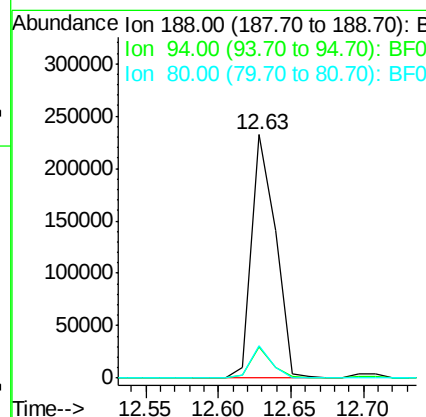
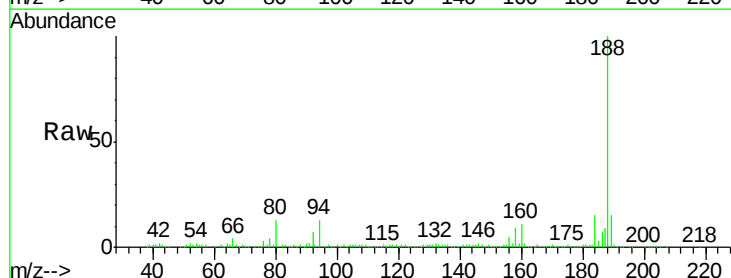
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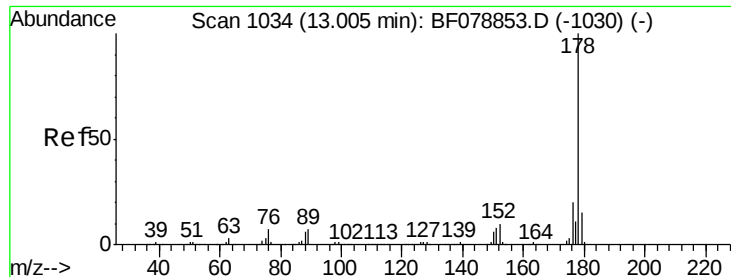
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.63 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF079446.D
 Acq: 22 May 2015 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	12.6	9.4	14.0		
80	13.4	9.8	14.6		





#70

Phenanthrene

Concen: 2.19 ng

RT: 12.66 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

Instrument :

BNA_F

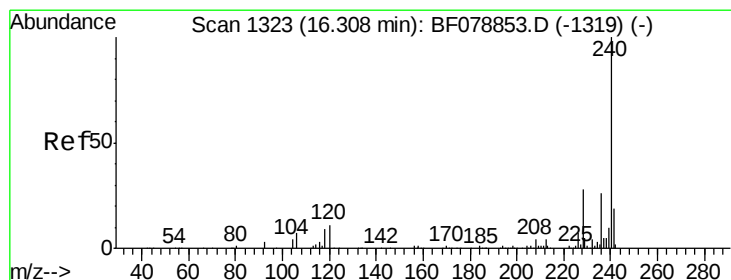
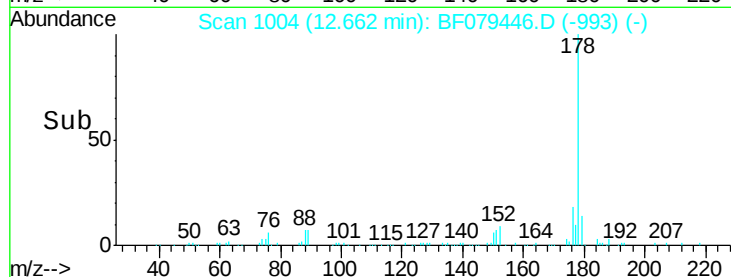
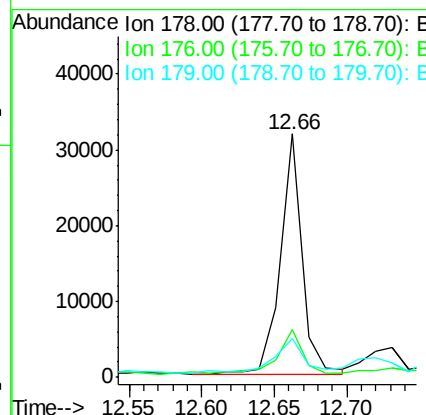
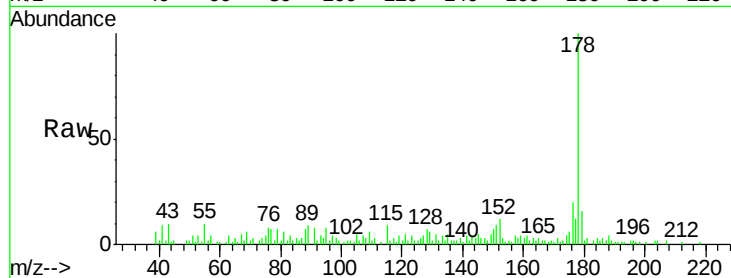
ClientSampleId :

RW-1

Tot Ion:	178	Resp:	32779
Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.7	12.2	18.4

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

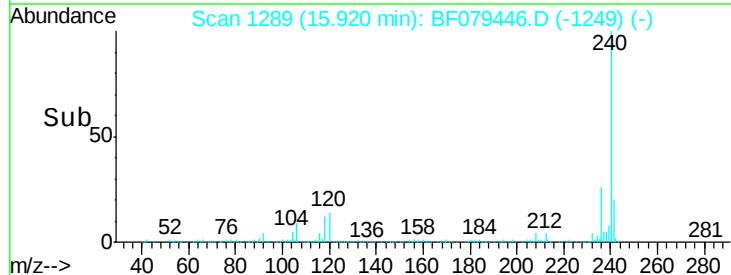
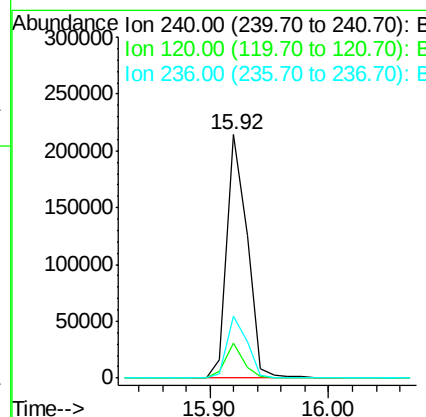
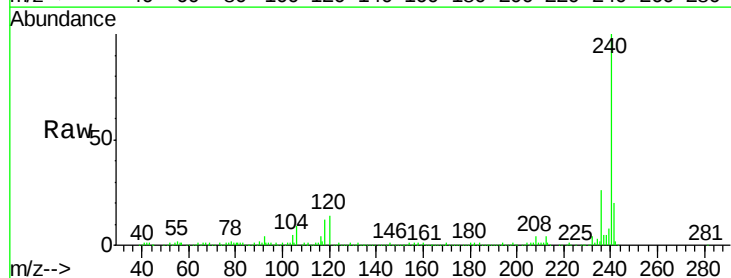
RT: 15.92 min Scan# 1289

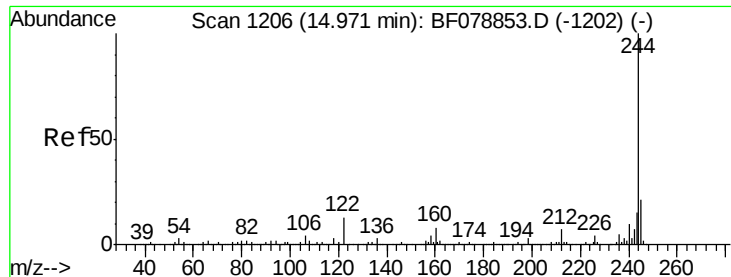
Delta R.T. -0.05 min

Lab File: BF079446.D

Acq: 22 May 2015 21:25

Tgt Ion:	240	Resp:	253860
Ion	Ratio	Lower	Upper
240	100		
120	14.2	8.6	12.8#
236	25.5	21.0	31.6





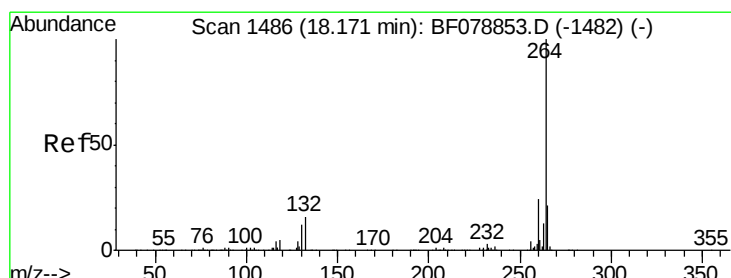
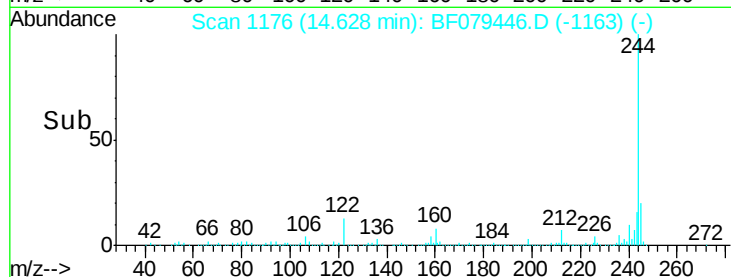
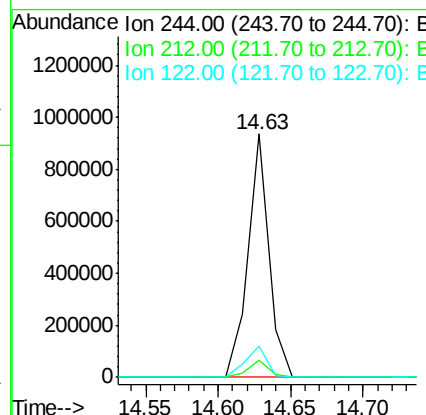
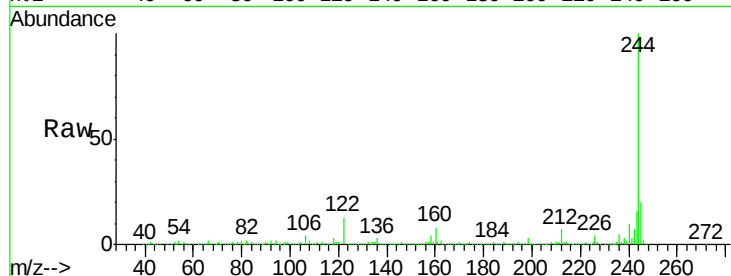
#78
 Terphenyl-d14
 Concen: 88.93 ng
 RT: 14.63 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF079446.D
 Acq: 22 May 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tot Ion:	244	Resp:	942926
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.6	8.4
122	13.0	10.5	15.7

Manual Integrations
 APPROVED

apatel
 5/27/2015 8:16:27 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.71 min Scan# 1446
 Delta R.T. -0.14 min
 Lab File: BF079446.D
 Acq: 22 May 2015 21:25

Tgt Ion:	264	Resp:	261150
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	21.3	17.2	25.8

