

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100265.D
 Acq On : 6 Nov 2017 21:48
 Operator : SJ/JU
 Sample : I6321-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Manual Integrations
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Quant Time: Nov 07 01:49:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	98549	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	401526	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	185090	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	313494	20.00	ng	0.00
75) Chrysene-d12	13.94	240	165960	20.00	ng	0.00
86) Perylene-d12	15.40	264	165271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	360212	57.38	ng	0.01
7) Phenol-d6	6.42	99	281192	37.78	ng	0.00
23) Nitrobenzene-d5	7.33	82	555597	89.08	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	210565	124.83	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1050933	87.60	ng	0.00
78) Terphenyl-d14	12.87	244	845935	111.39	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.76	142	33202	2.556	ng	99
51) Acenaphthene	9.83	154	31391	2.743	ng	96
57) Fluorene	10.35	166	56629	4.234	ng	98
70) Phenanthrene	11.32	178	38193	2.159	ng	96

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

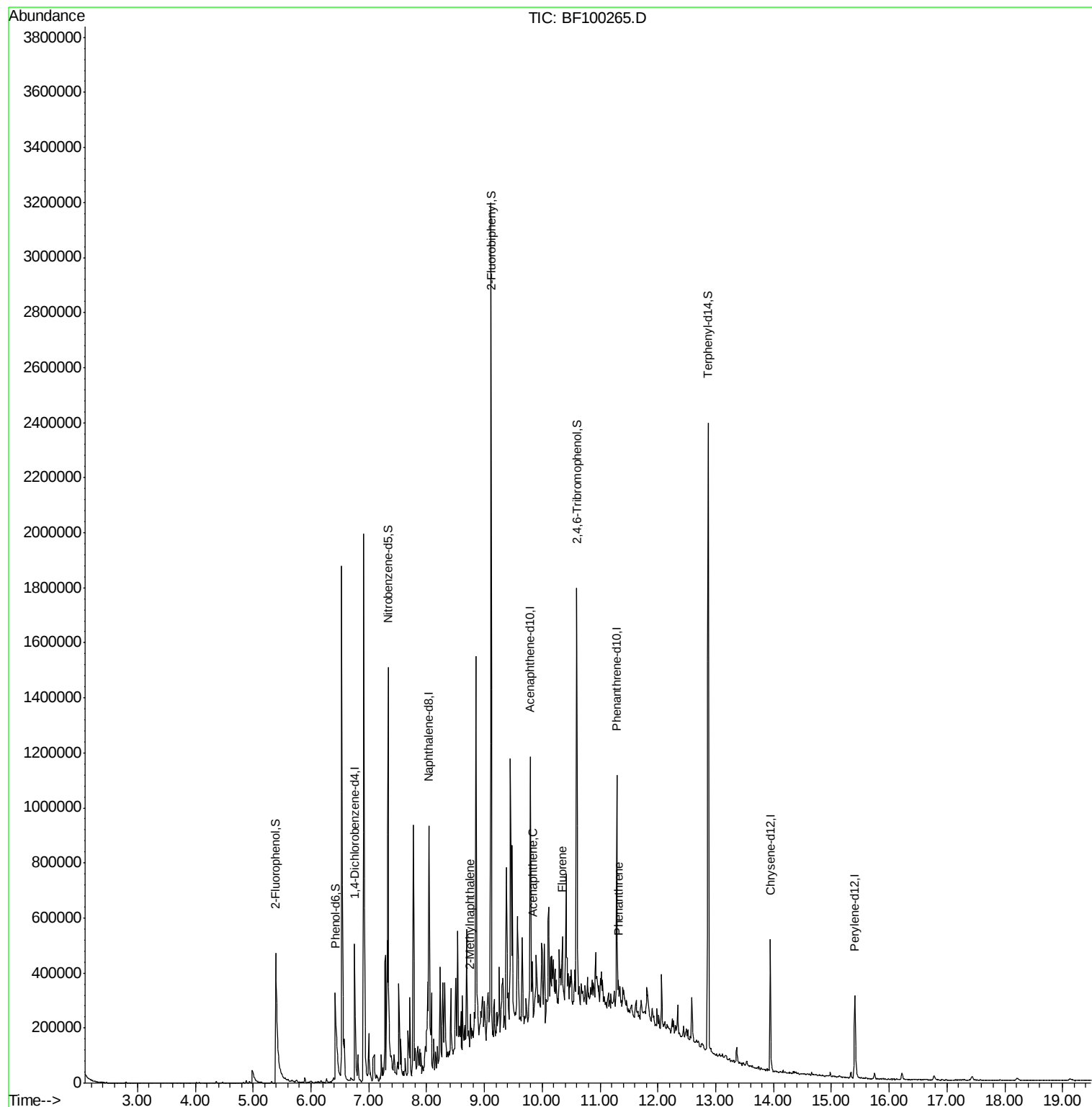
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
Data File : BF100265.D
Acq On : 6 Nov 2017 21:48
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Sample : I6321-01
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ALS Vial : 13 Sample Multiplier: 1

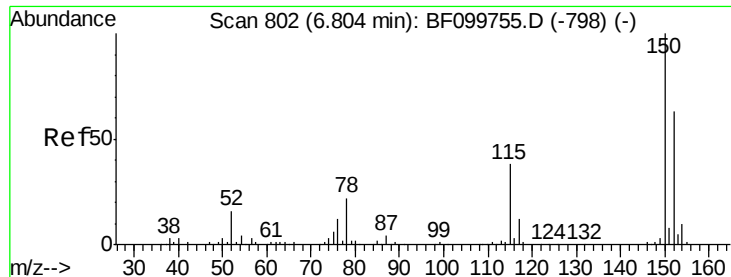
Instrument :
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#1

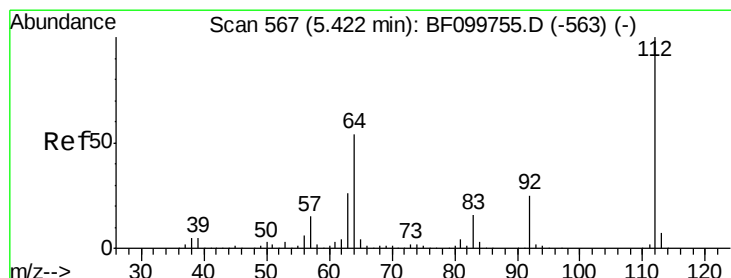
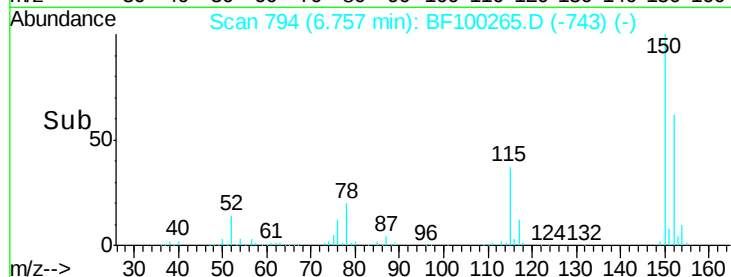
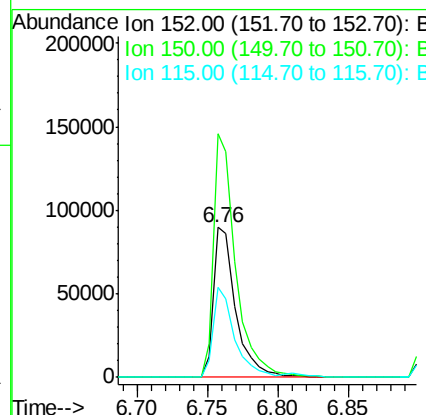
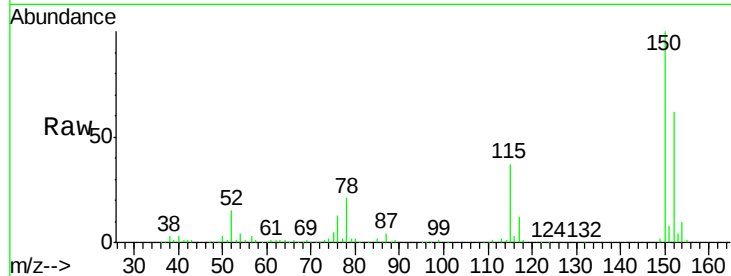
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100265.D
Acq: 6 Nov 2017 21:48

Instrument :
BNA_F
ClientSampleId :
RW-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.6	186.8
115	60.3	50.1	75.1

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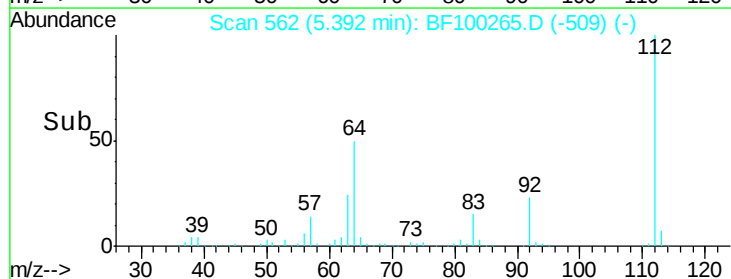
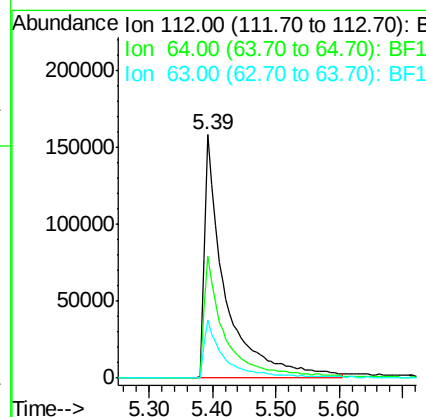
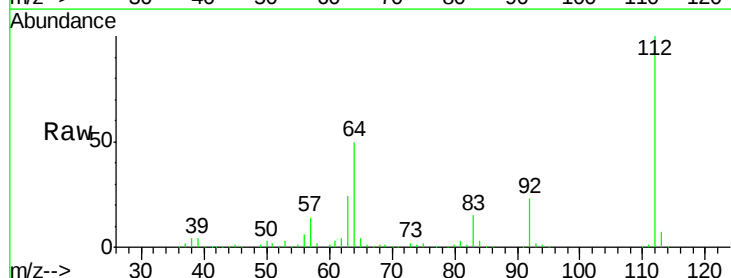
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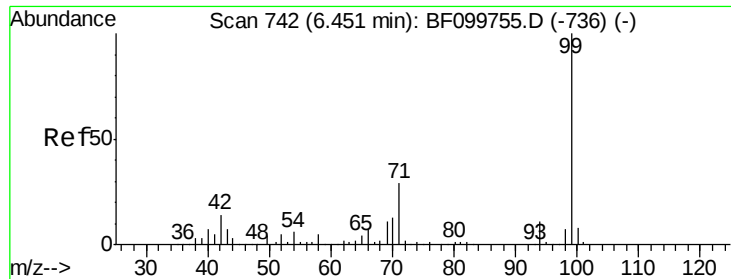


#5

2-Fluorophenol
Concen: 57.385 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF100265.D
Acq: 6 Nov 2017 21:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.0	47.9	71.9
63	23.8	23.7	35.5





#7

Phenol-d6

Concen: 37.780 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF100265.D

Acq: 6 Nov 2017 21:48

Instrument :

BNA_F

ClientSampled :

RW-1

Tgt Ion: 99 Resp: 281192
Ion Ratio Lower Upper

99 100

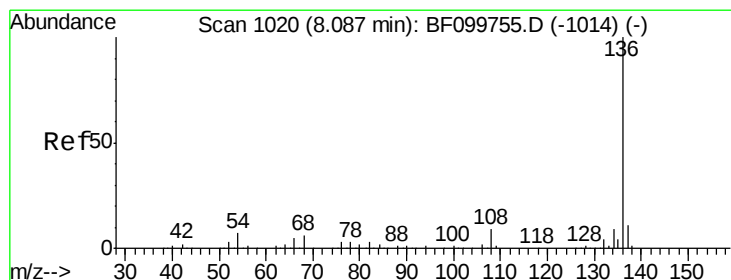
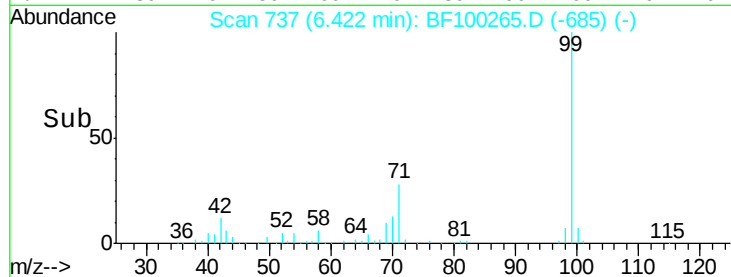
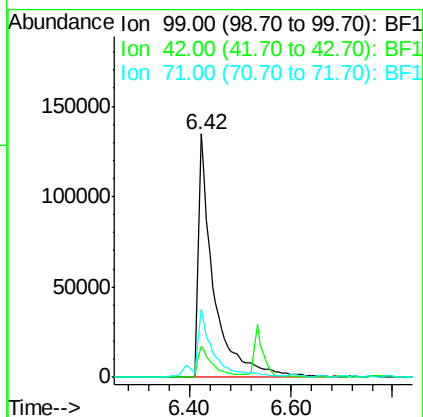
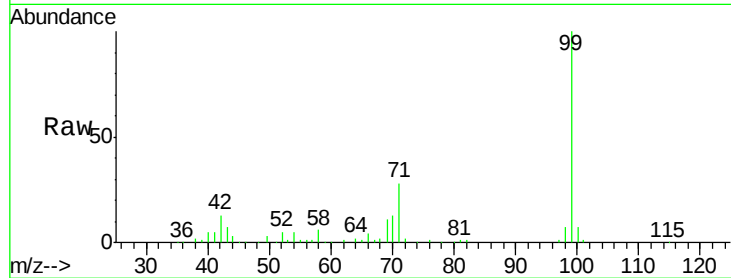
42 12.8 14.5 21.7#

71 28.0 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100265.D

Acq: 6 Nov 2017 21:48

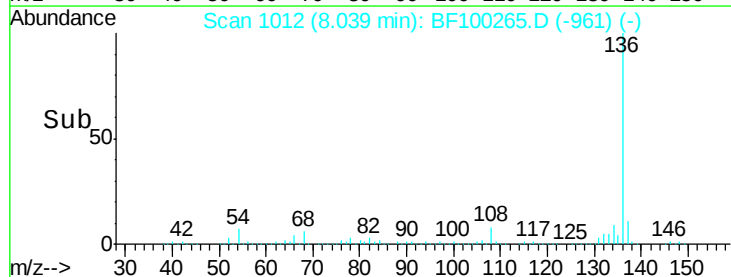
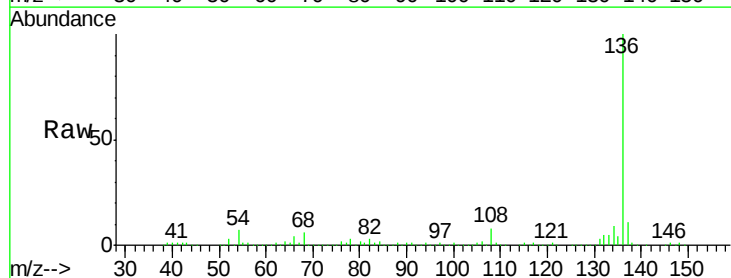
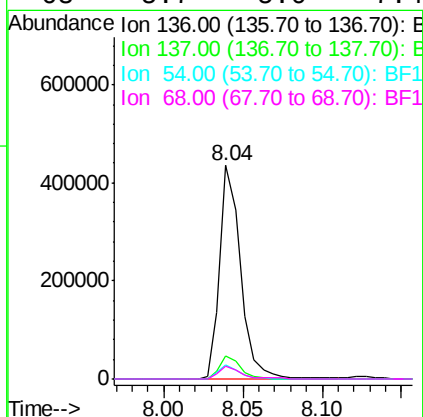
Tgt Ion: 136 Resp: 401526
Ion Ratio Lower Upper

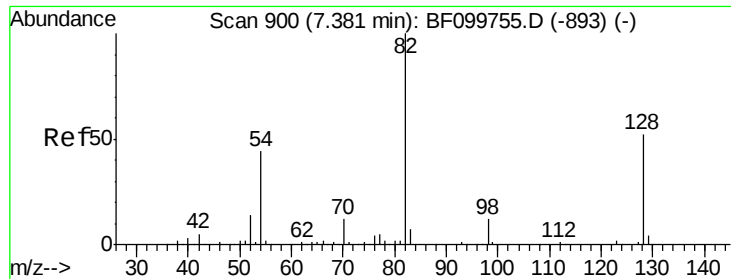
136 100

137 11.0 8.9 13.3

54 6.5 6.6 9.8#

68 5.7 5.0 7.4





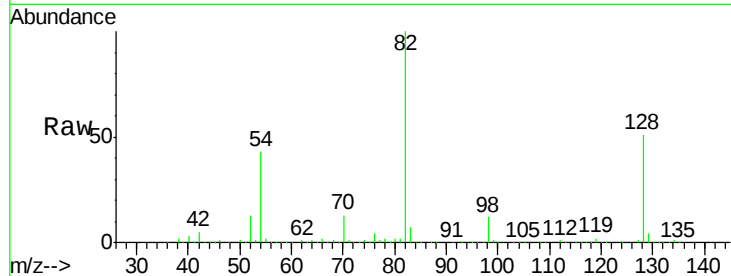
#23
Nitrobenzene-d5
Concen: 89.084 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100265.D
Acq: 6 Nov 2017 21:48

Instrument :
BNA_F
ClientSampled :
RW-1

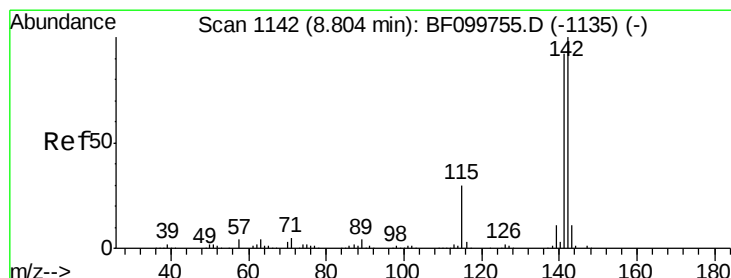
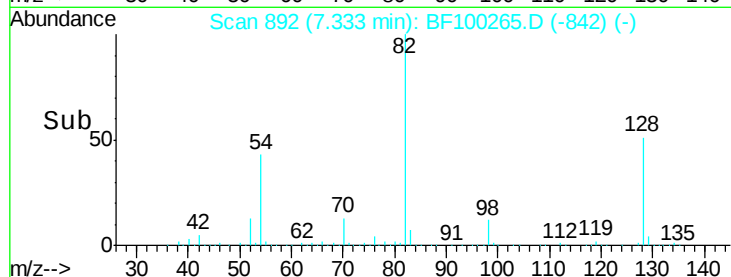
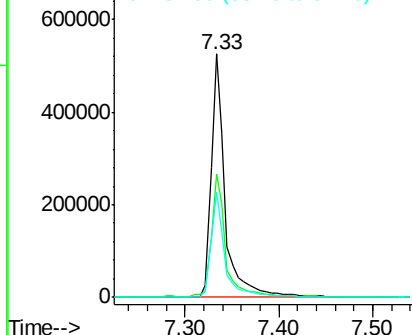
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	50.6	36.1	54.1
54	43.2	41.4	62.2

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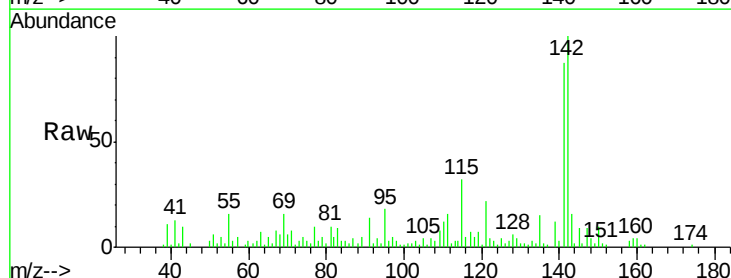


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

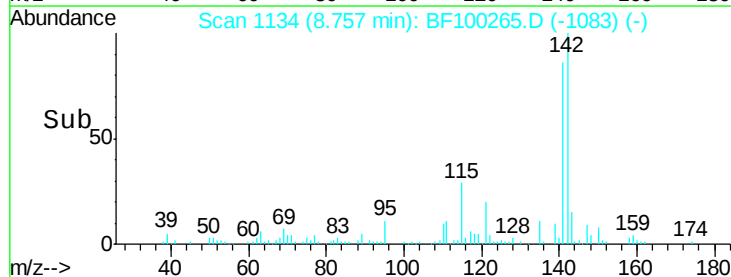
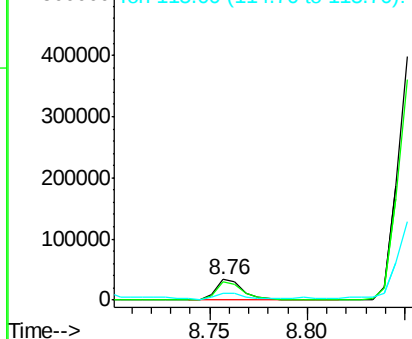


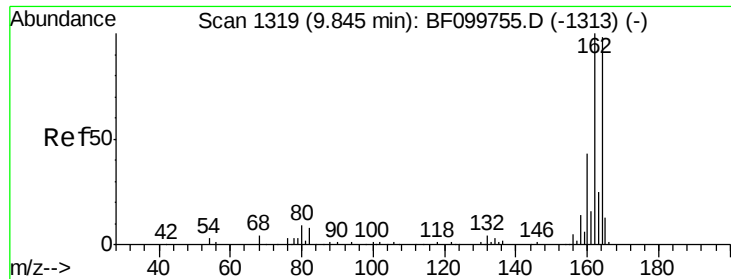
#37
2-Methylnaphthalene
Concen: 2.556 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BF100265.D
Acq: 6 Nov 2017 21:48

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	86.7	70.8	106.2
115	32.4	26.1	39.1



Abundance Ion 142.00 (141.70 to 142.70): BF1
Ion 141.00 (140.70 to 141.70): BF1
Ion 115.00 (114.70 to 115.70): BF1





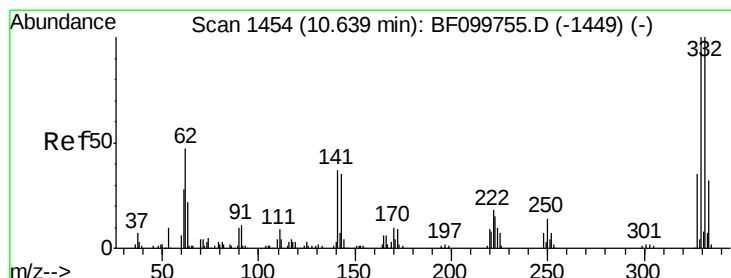
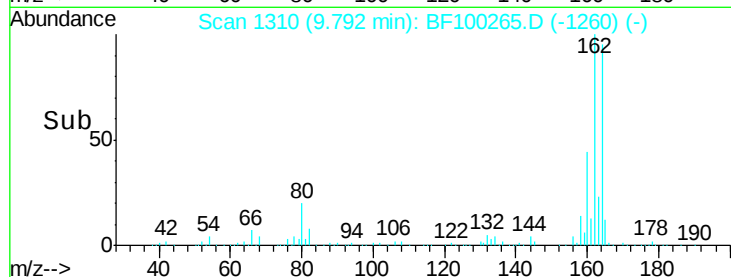
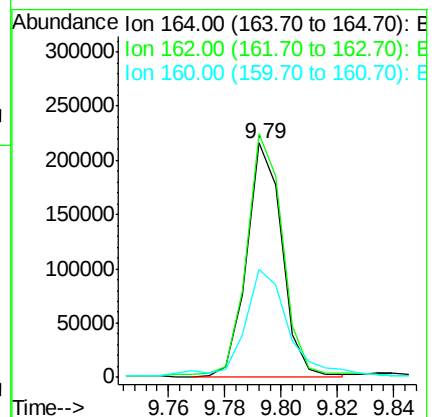
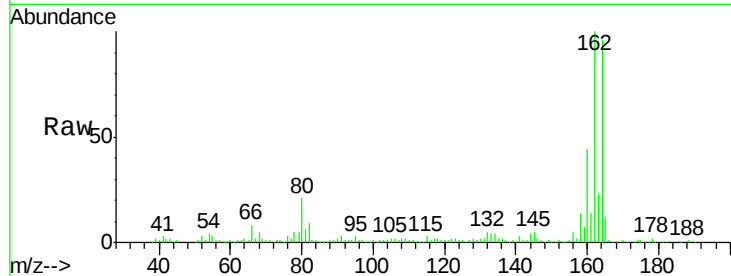
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100265.D
Acq: 6 Nov 2017 21:48

Instrument :
BNA_F
ClientSampleId :
RW-1

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185090		
162	103.9	86.1	129.1	
160	46.0	38.3	57.5	

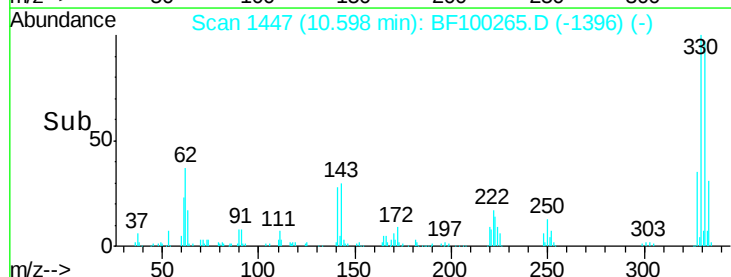
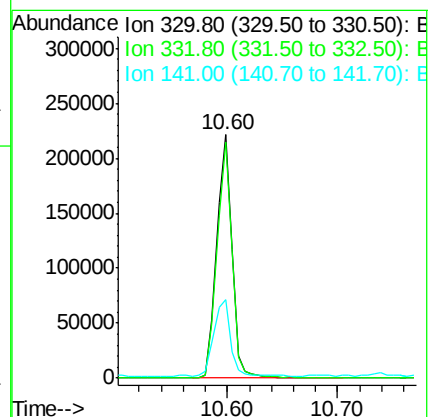
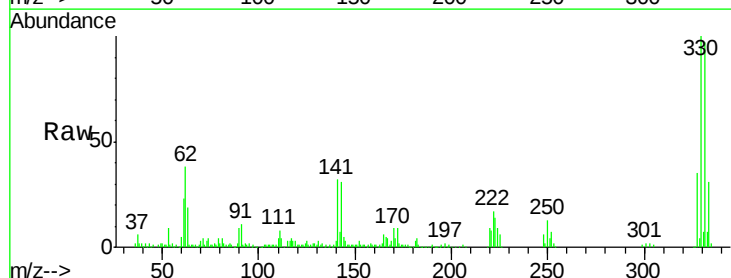
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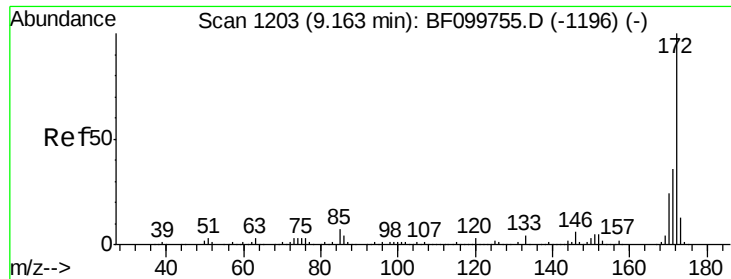
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#41
2,4,6-Tribromophenol
Concen: 124.834 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF100265.D
Acq: 6 Nov 2017 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	210565		
332	96.2	77.0	115.6	
141	34.1	29.9	44.9	





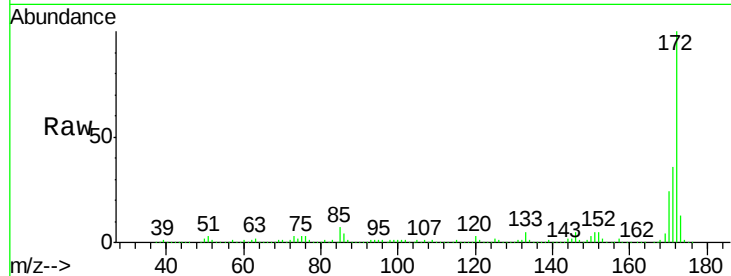
#44
 2-Fluorobiphenyl
 Concen: 87.602 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF100265.D
 Acq: 6 Nov 2017 21:48

Instrument :
 BNA_F
 ClientSampled :
 RW-1

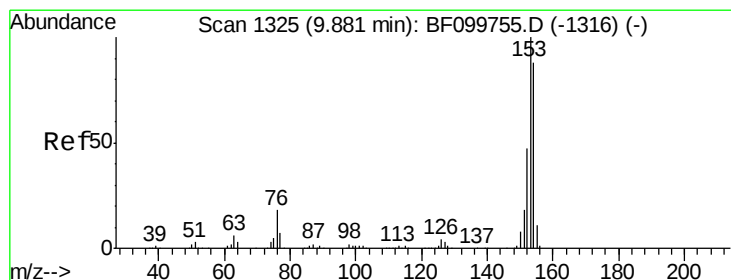
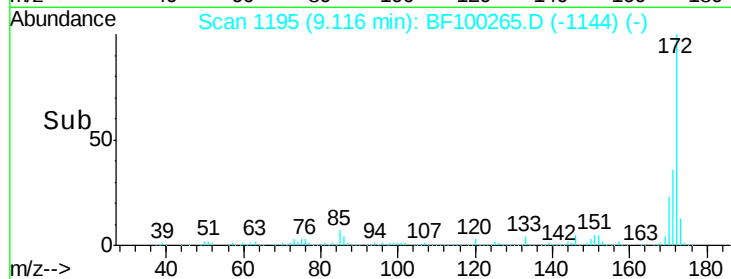
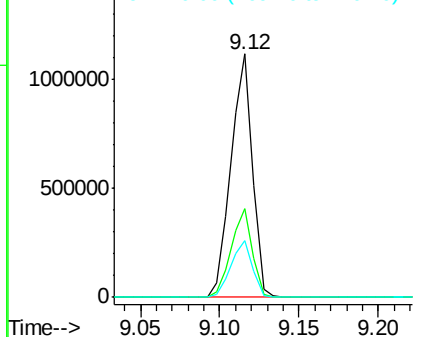
Tgt Ion:172 Resp: 1050933
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.5 19.6 29.4

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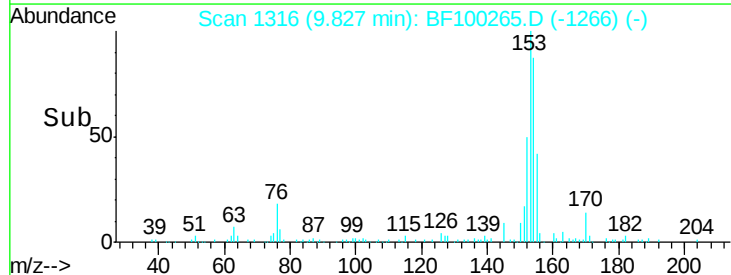
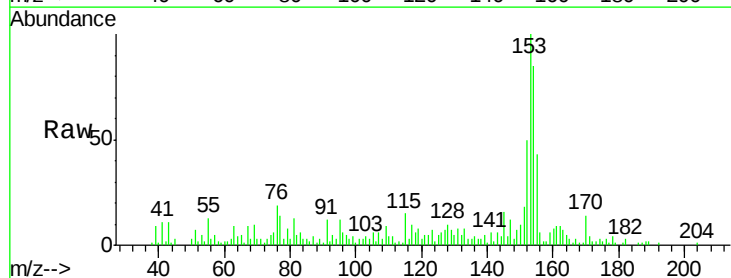
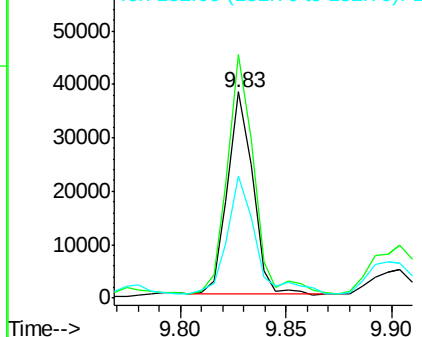
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

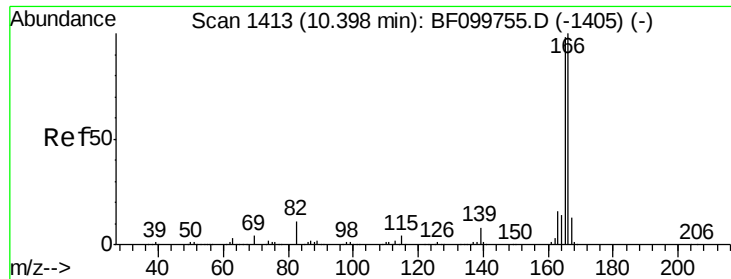


#51
 Acenaphthene
 Concen: 2.743 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF100265.D
 Acq: 6 Nov 2017 21:48

Tgt Ion:154 Resp: 31391
 Ion Ratio Lower Upper
 154 100
 153 118.1 91.2 136.8
 152 59.1 43.8 65.8

Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





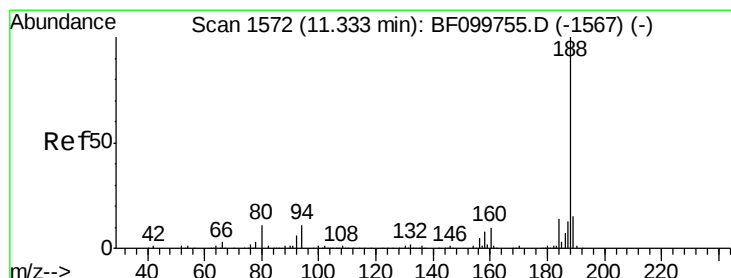
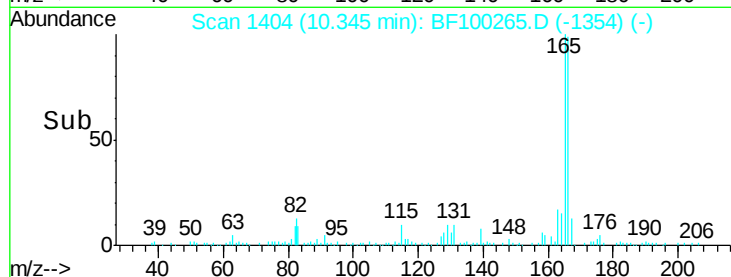
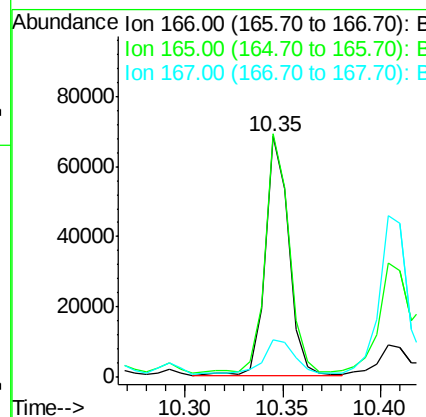
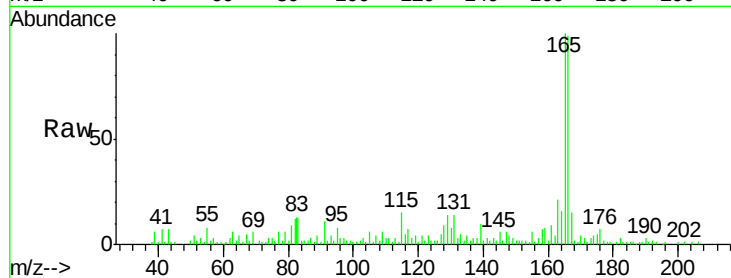
#57
Fluorene
 Concen: 4.234 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF100265.D
 Acq: 6 Nov 2017 21:48

Instrument :
 BNA_F
 ClientSampleId :
 RW-1

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	56629		
165	101.3	79.8	119.8	
167	15.5	10.6	16.0	

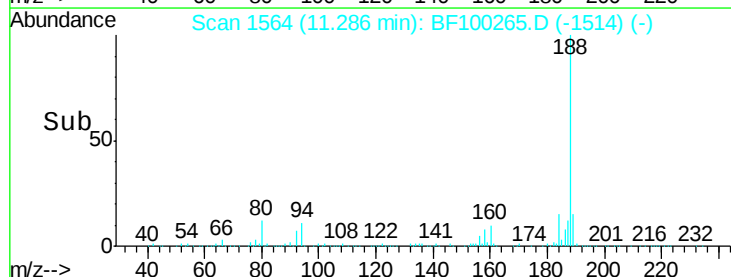
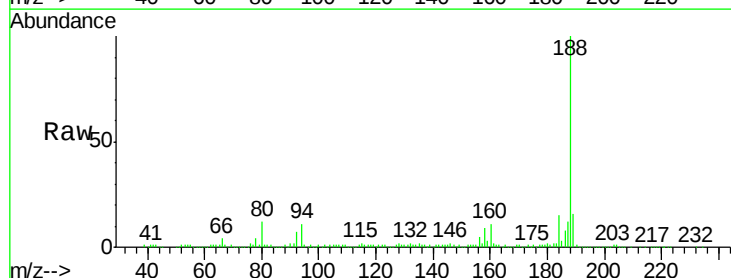
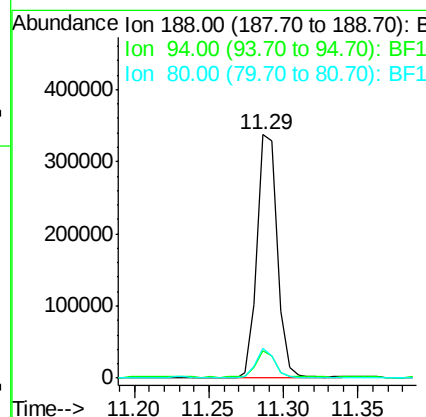
Manual Integrations
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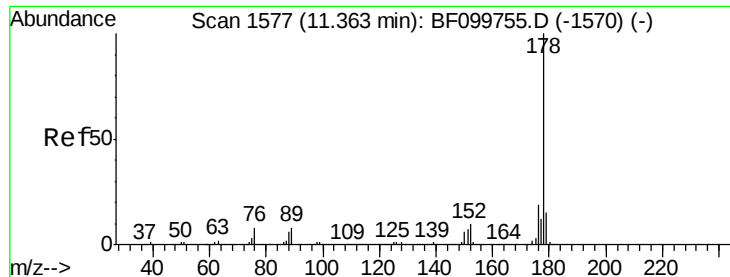
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#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100265.D
 Acq: 6 Nov 2017 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	313494		
94	11.0	8.5	12.7	
80	12.2	9.2	13.8	





#70

Phenanthrene

Concen: 2.159 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF100265.D

Acq: 6 Nov 2017 21:48

Instrument :

BNA_F

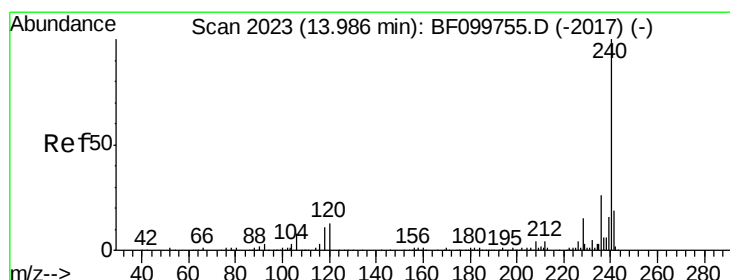
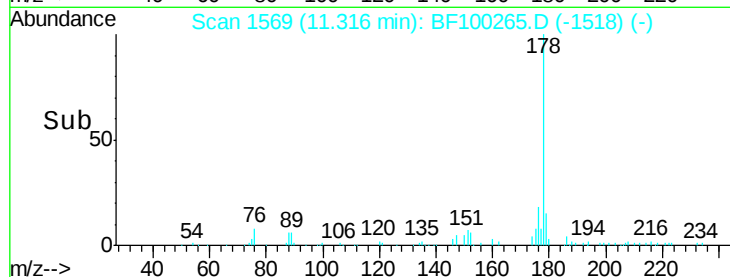
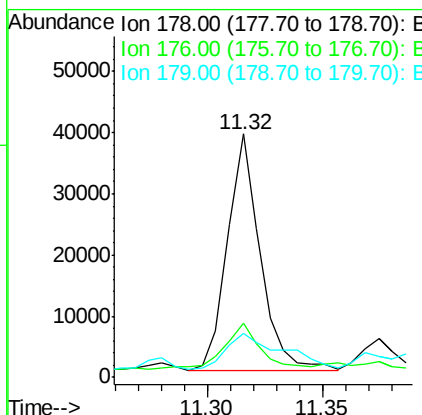
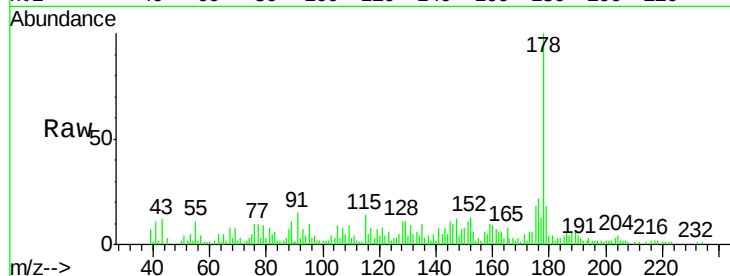
ClientSampled :

RW-1

Tgt Ion:	178	Resp:	38193
Ion Ratio	Lower	Upper	
178	100		
176	22.0	15.8	23.8
179	17.9	13.0	19.6

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#75

Chrysene-d12

Concen: 20.000 ng

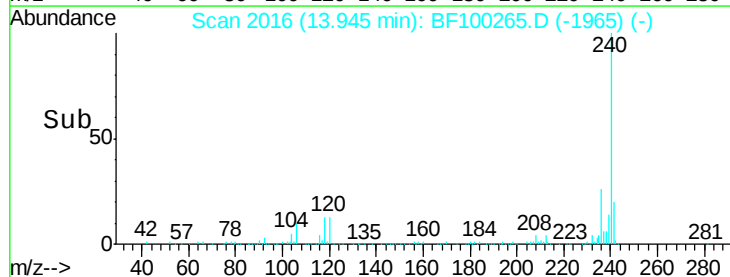
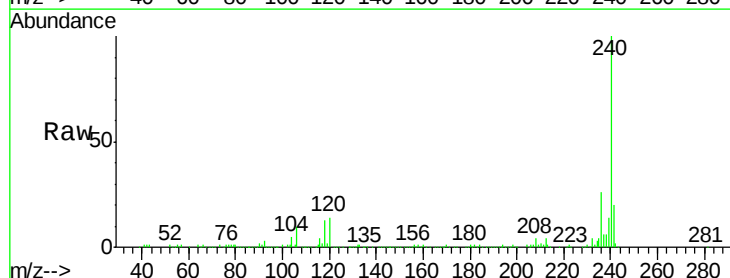
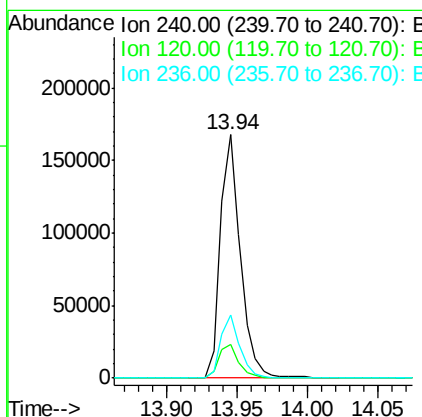
RT: 13.94 min Scan# 2016

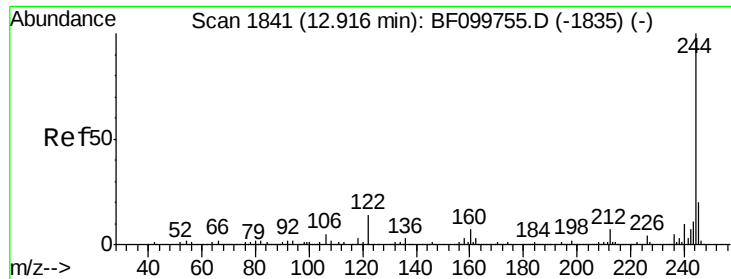
Delta R.T. -0.00 min

Lab File: BF100265.D

Acq: 6 Nov 2017 21:48

Tgt Ion:	240	Resp:	165960
Ion Ratio	Lower	Upper	
240	100		
120	13.6	9.5	14.3
236	25.8	20.7	31.1





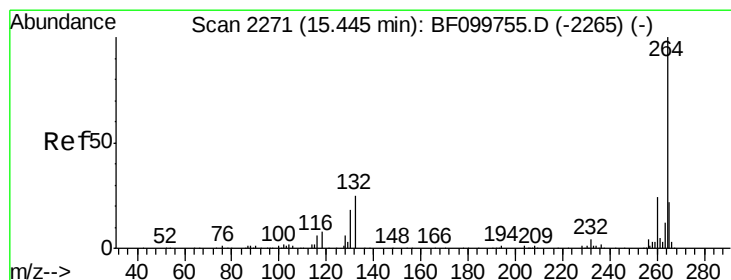
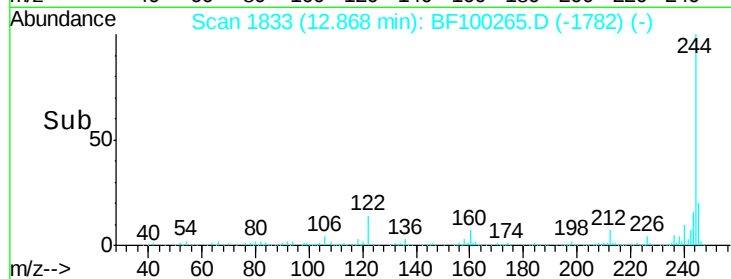
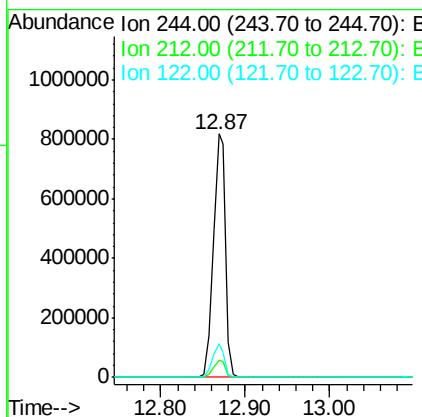
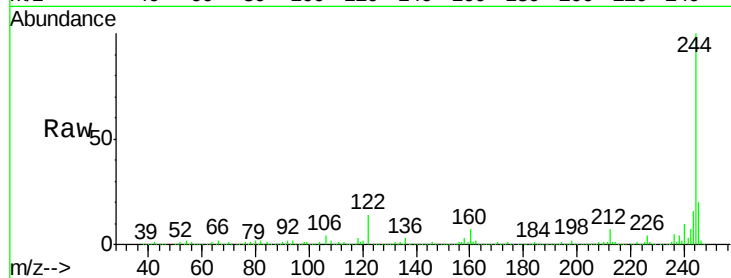
#78
 Terphenyl-d14
 Concen: 111.393 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF100265.D
 Acq: 6 Nov 2017 21:48

Instrument :
 BNA_F
 ClientSampled :
 RW-1

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.6	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:39:55 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2264
 Delta R.T. -0.00 min
 Lab File: BF100265.D
 Acq: 6 Nov 2017 21:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.5	26.3

