

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100117.D
 Acq On : 3 Nov 2017 6:48
 Operator : SJ/JU
 Sample : I6273-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 103117-TIDO-E-D-S

Manual Integrations
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Quant Time: Nov 03 07:44:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	82041	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	338138	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	154896	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	267600	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	169857	20.00	ng	-0.03
86) Perylene-d12	15.41	264	139503	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	235134	45.00	ng	0.00
7) Phenol-d6	6.42	99	185280	29.90	ng	0.00
23) Nitrobenzene-d5	7.34	82	459770	87.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	121643	86.17	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	915817	91.22	ng	0.00
78) Terphenyl-d14	12.88	244	773018	99.46	ng	-0.02
Target Compounds						
31) Naphthalene	8.07	128	64664	3.962	ng	99
70) Phenanthrene	11.32	178	39575	2.621	ng	96

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

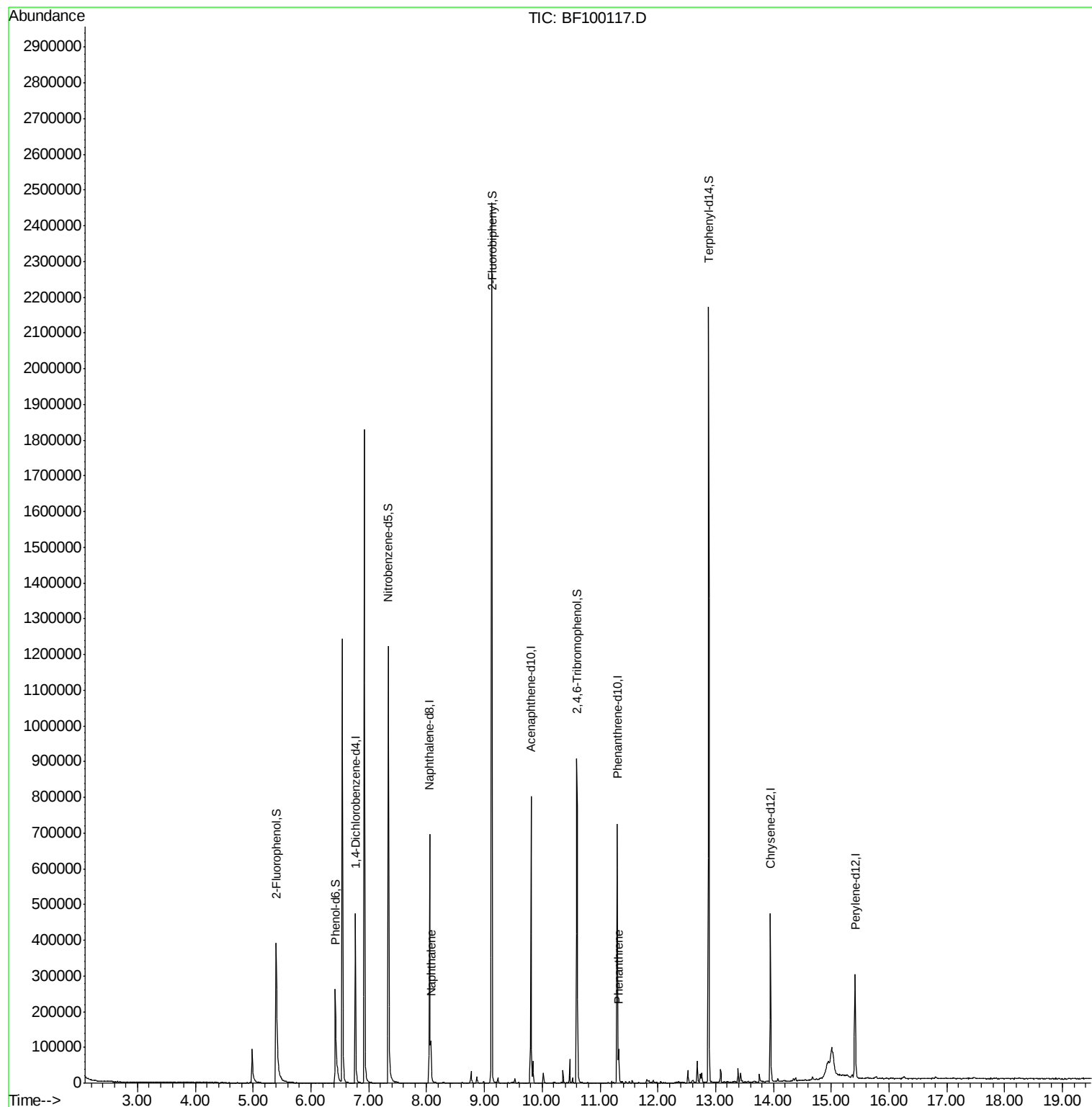
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Data File : BF100117.D
Acq On : 3 Nov 2017 6:48
Operator : SJ/JU
Sample : I6273-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

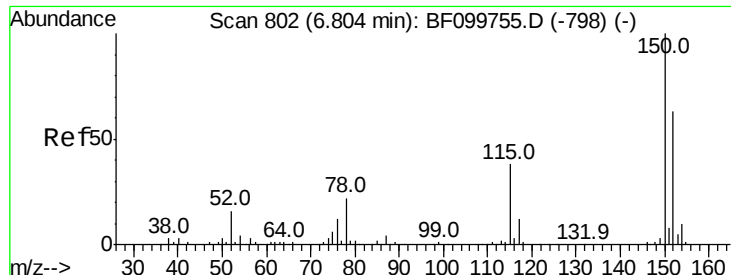
Instrument :
BNA_F
ClientSampleId :
103117-TIDO-E-D-S

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Quant Time: Nov 03 07:44:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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#1

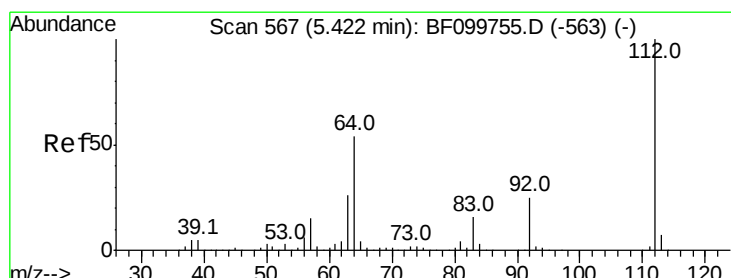
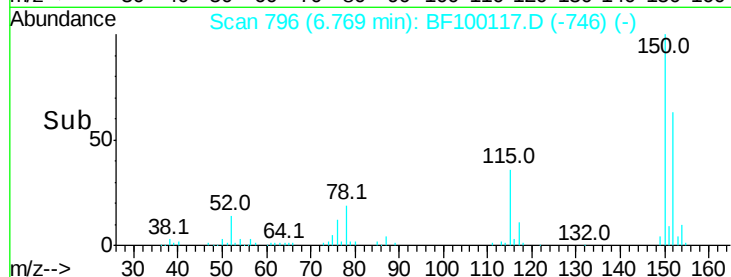
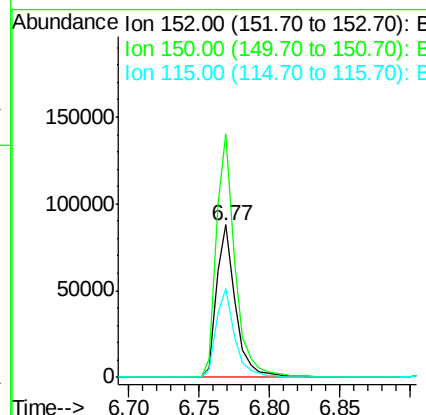
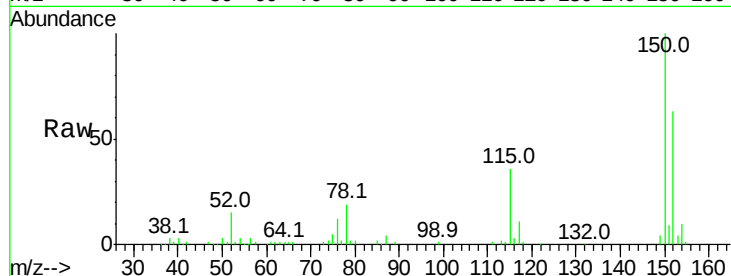
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF100117.D
Acq: 3 Nov 2017 6:48

Instrument :
BNA_F
ClientSampleId :
103117-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	58.1	50.1	75.1

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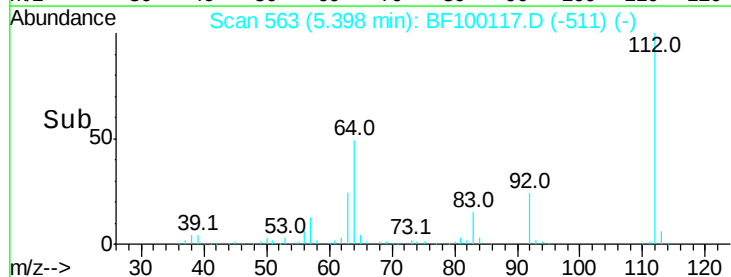
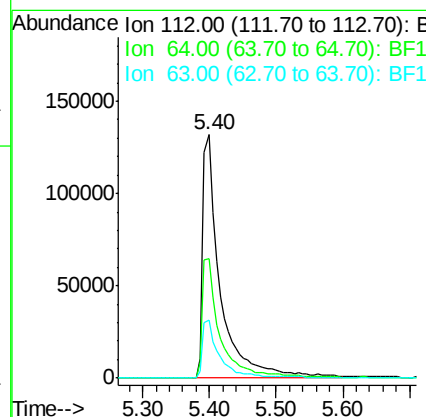
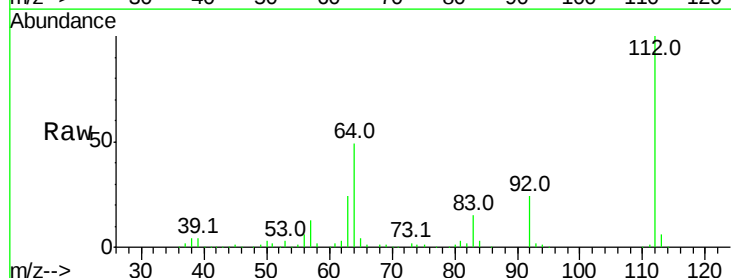
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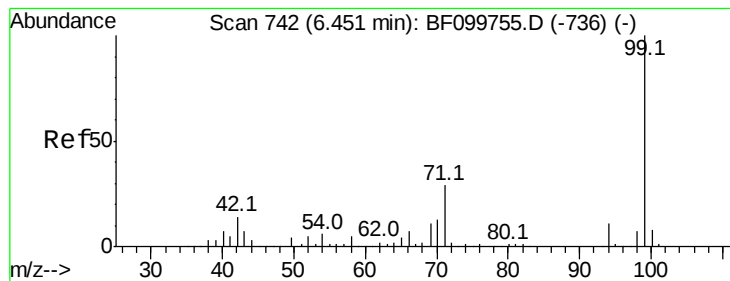


#5

2-Fluorophenol
Concen: 44.996 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100117.D
Acq: 3 Nov 2017 6:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.1	47.9	71.9
63	23.8	23.7	35.5





#7

Phenol-d6

Concen: 29.902 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100117.D

Acq: 3 Nov 2017 6:48

Instrument :

BNA_F

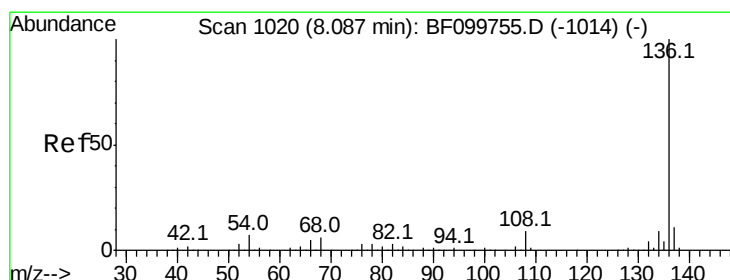
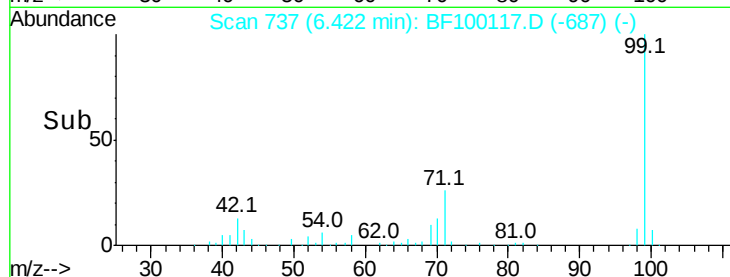
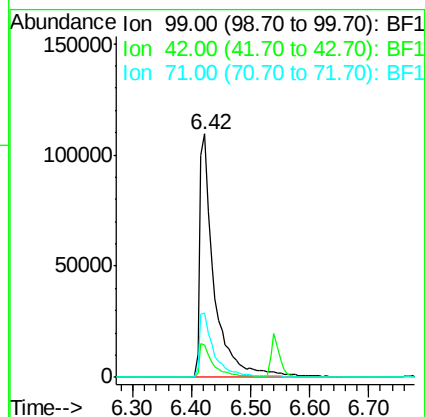
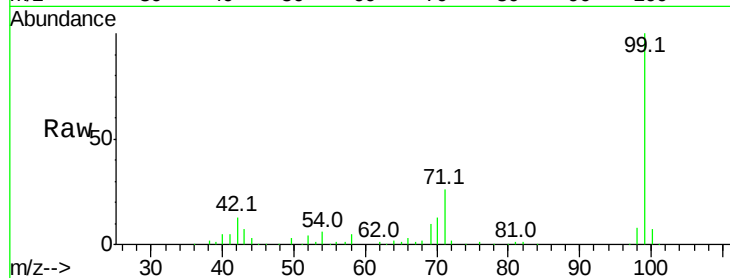
ClientSampleId :

103117-TIDO-E-D-S

Tot Ion:	99	Resp:	185280
Ion Ratio	Lower	Upper	
99	100		
42	13.1	14.5	21.7#
71	26.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

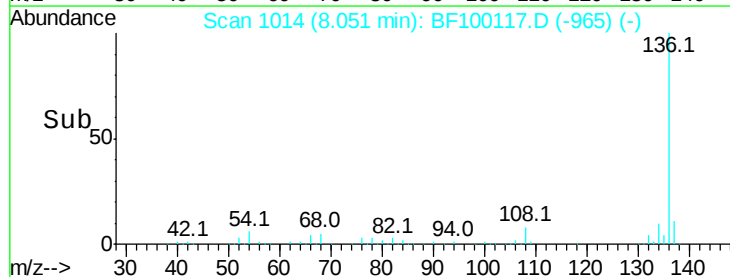
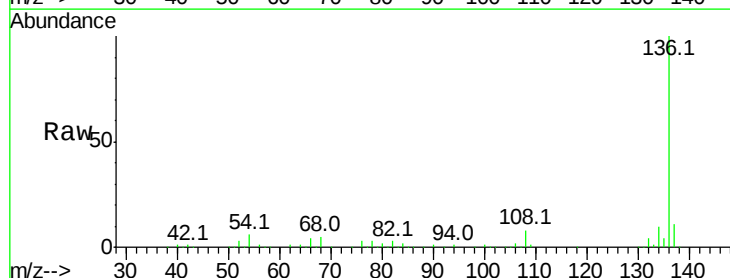
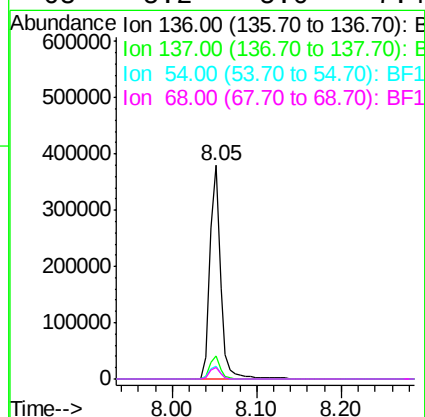
RT: 8.05 min Scan# 1014

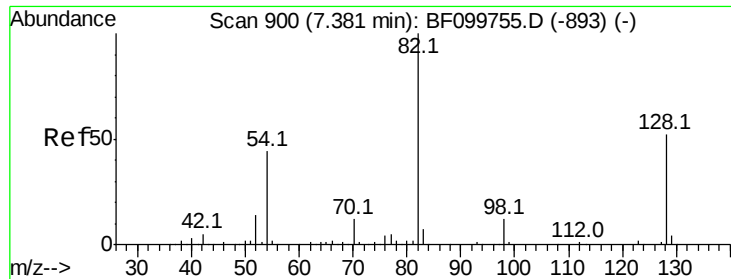
Delta R.T. -0.01 min

Lab File: BF100117.D

Acq: 3 Nov 2017 6:48

Tgt Ion:	136	Resp:	338138
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	6.1	6.6	9.8#
68	5.2	5.0	7.4





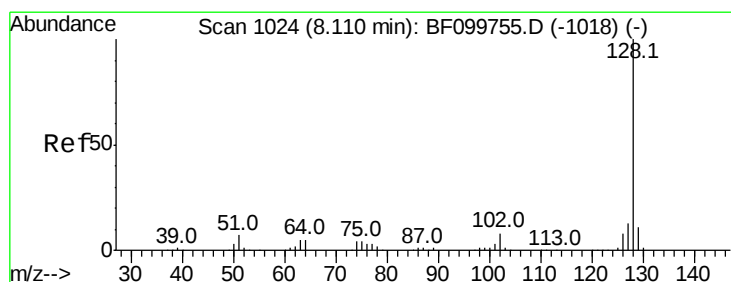
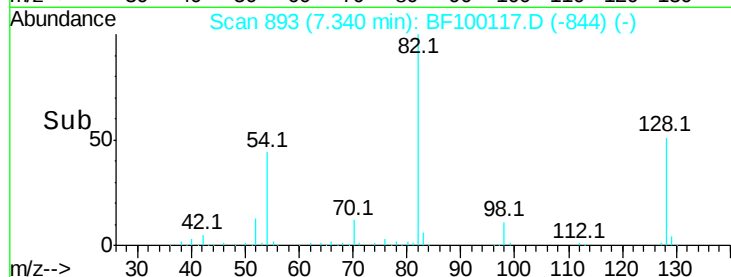
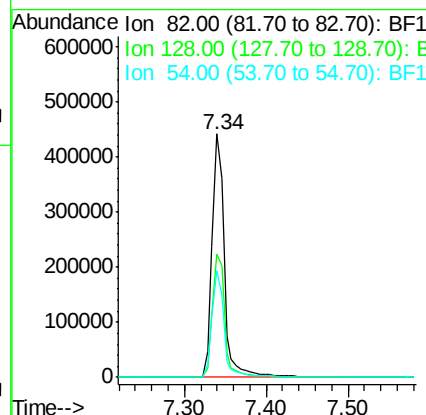
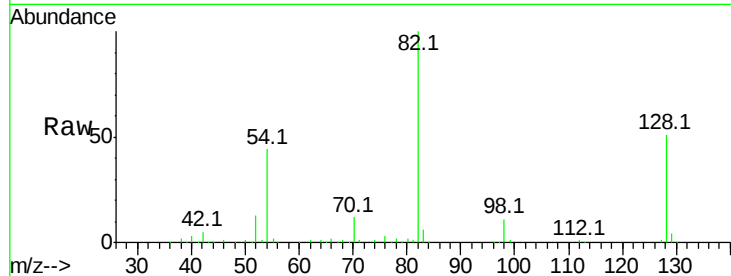
#23
Nitrobenzene-d5
Concen: 87.539 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100117.D
Acq: 3 Nov 2017 6:48

Instrument :
BNA_F
ClientSampleId :
103117-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.7	36.1	54.1
54	43.6	41.4	62.2

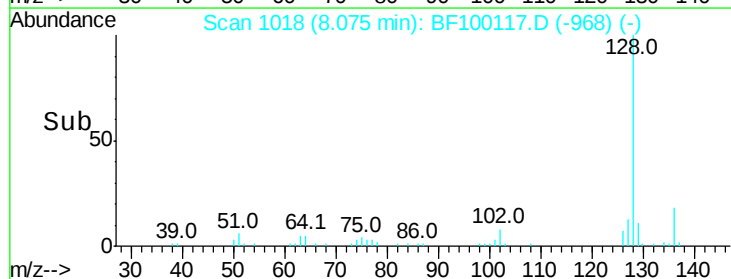
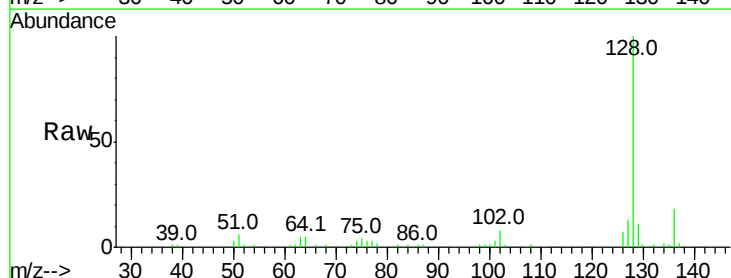
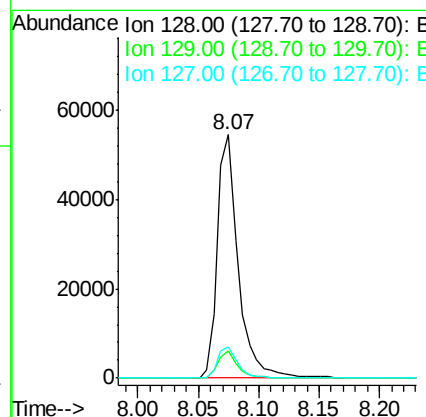
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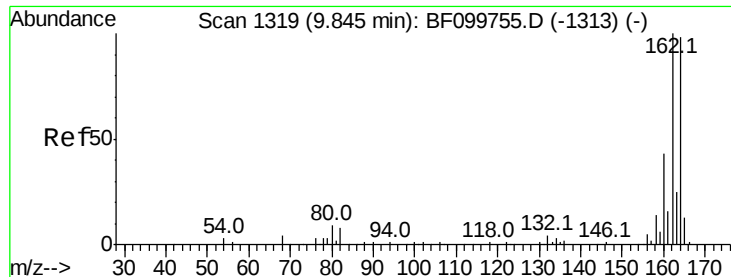
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#31
Naphthalene
Concen: 3.962 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF100117.D
Acq: 3 Nov 2017 6:48

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.0	10.9	16.3





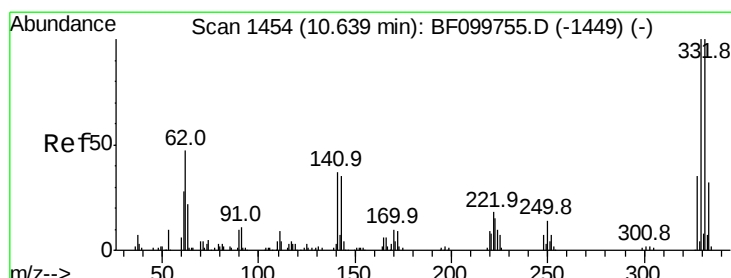
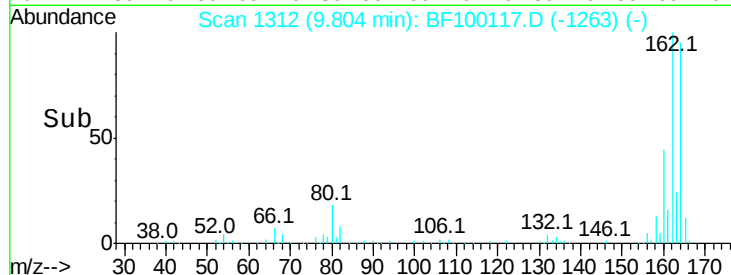
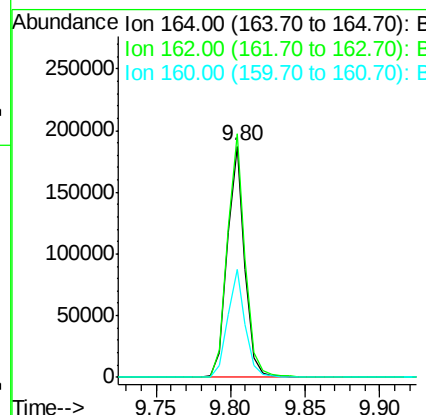
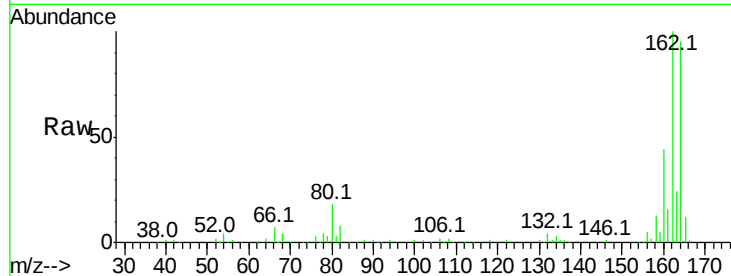
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100117.D
Acq: 3 Nov 2017 6:48

Instrument :
BNA_F
ClientSampleId :
103117-TIDO-E-D-S

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.3	86.1	129.1	
160	46.5	38.3	57.5	

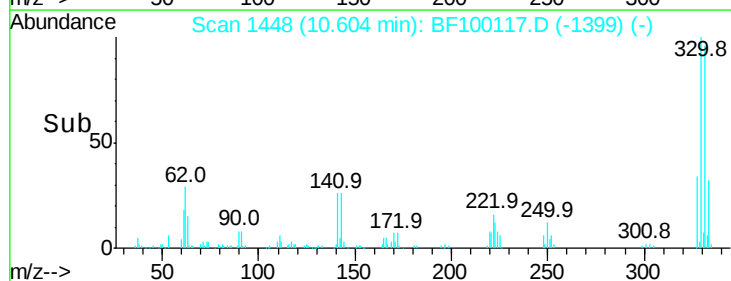
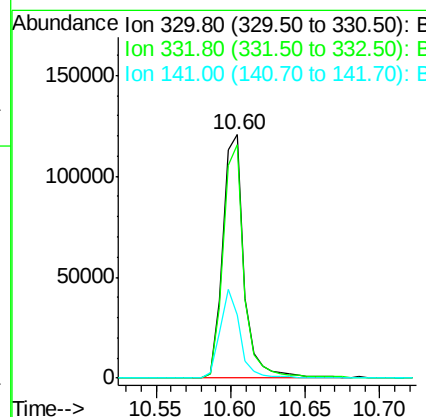
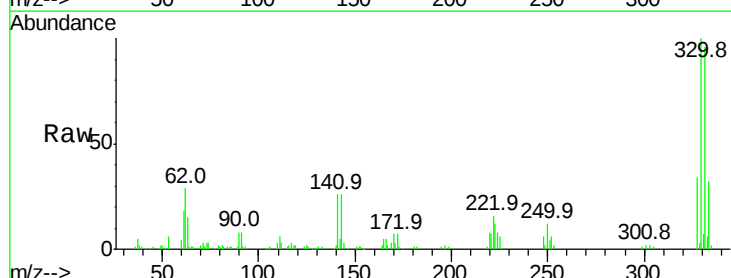
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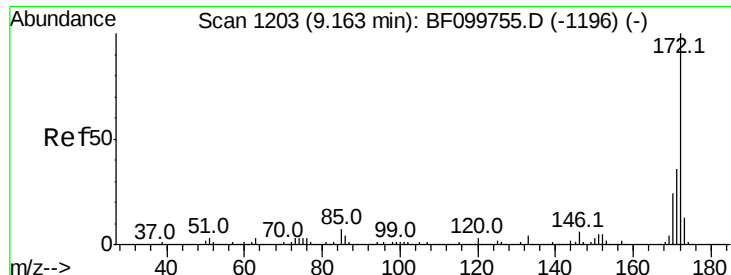
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#41
2,4,6-Tribromophenol
Concen: 86.174 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100117.D
Acq: 3 Nov 2017 6:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	77.0	115.6	
141	34.2	29.9	44.9	





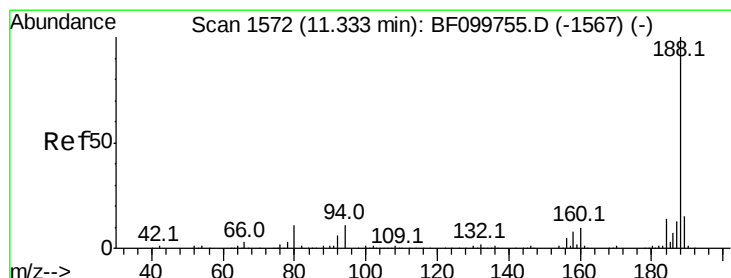
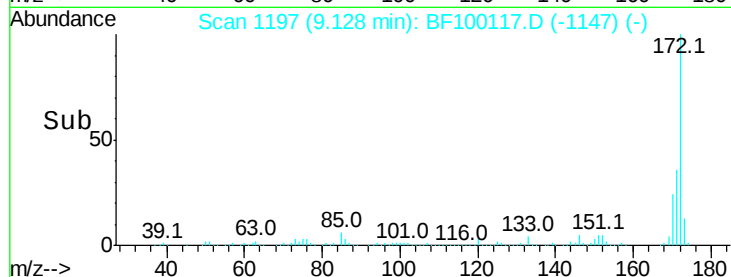
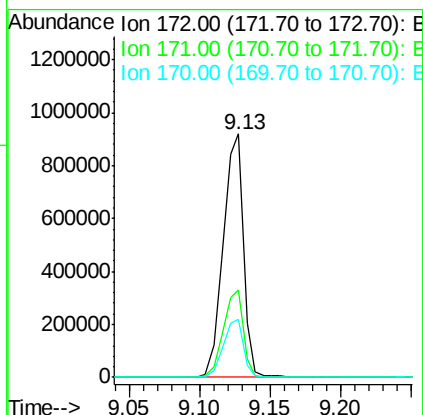
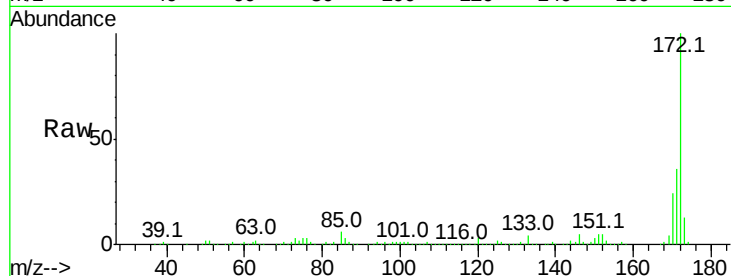
#44
 2-Fluorobiphenyl
 Concen: 91.220 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Instrument :
 BNA_F
 ClientSampleId :
 103117-TIDO-E-D-S

Tot Ion	Ratio	Resp	Lower	Upper
172	100	915817		
171	35.8		29.7	44.5
170	23.6		19.6	29.4

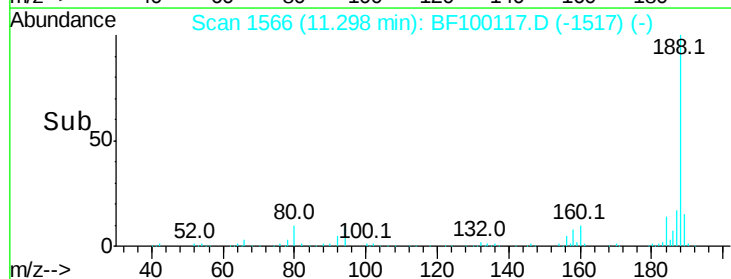
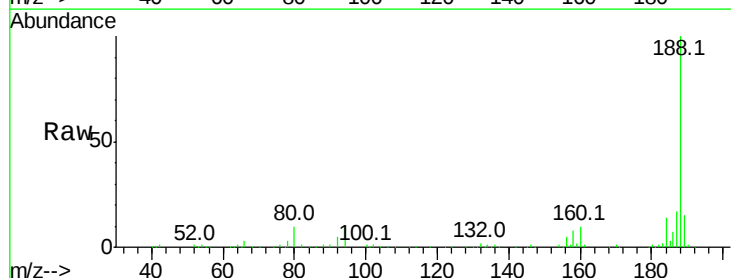
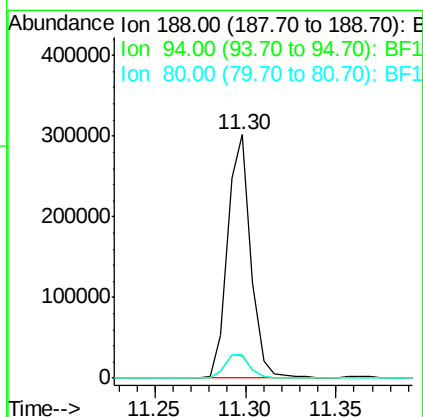
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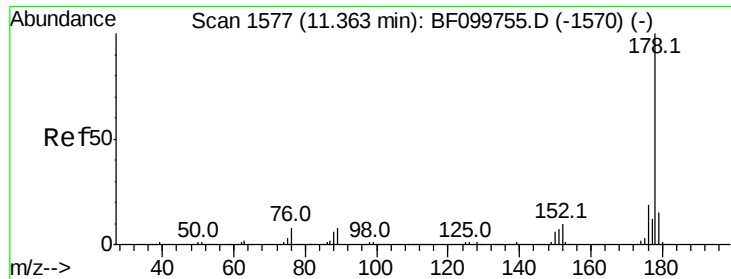
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	267600		
94	9.2		8.5	12.7
80	9.8		9.2	13.8





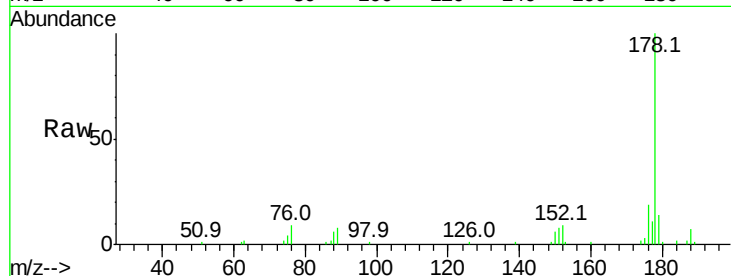
#70
Phenanthrene
Concen: 2.621 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF100117.D
Acq: 3 Nov 2017 6:48

Instrument :
BNA_F
ClientSampleId :
103117-TIDO-E-D-S

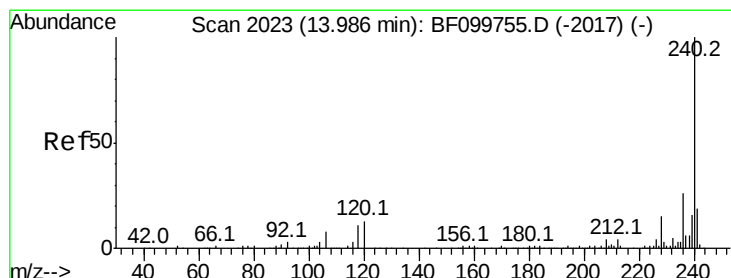
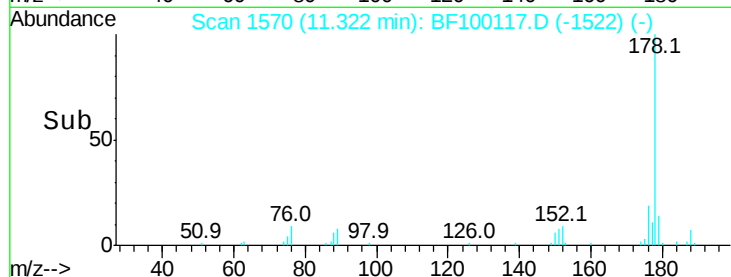
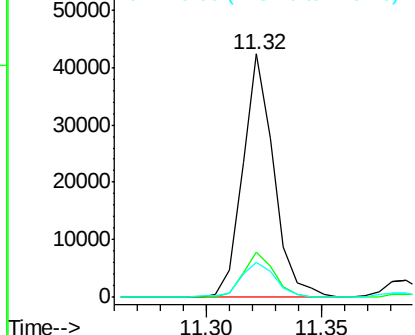
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.4	13.0	19.6

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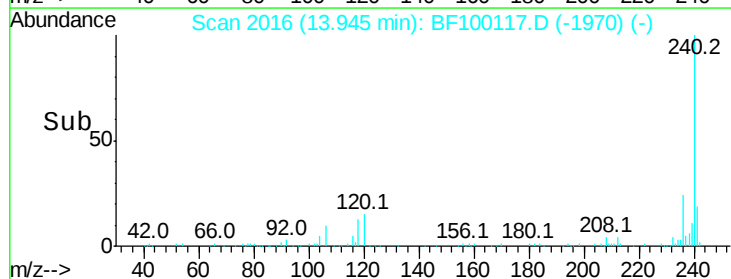
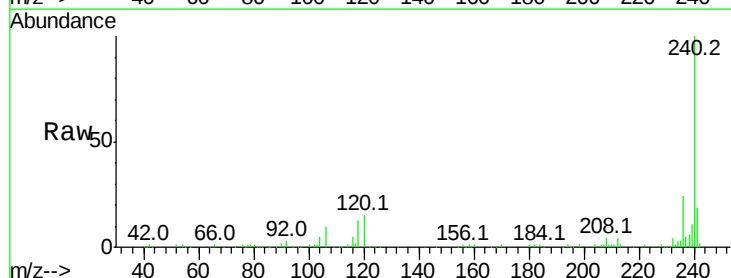
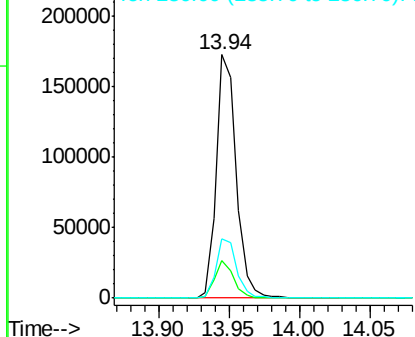
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

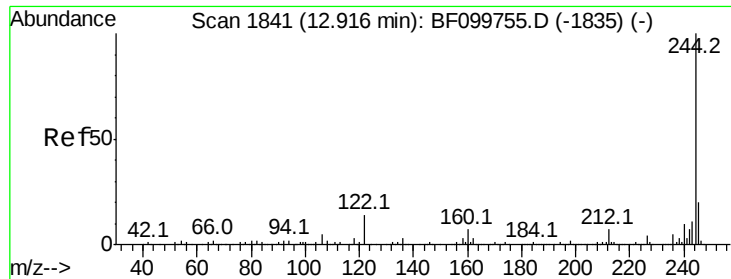


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF100117.D
Acq: 3 Nov 2017 6:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	24.4	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





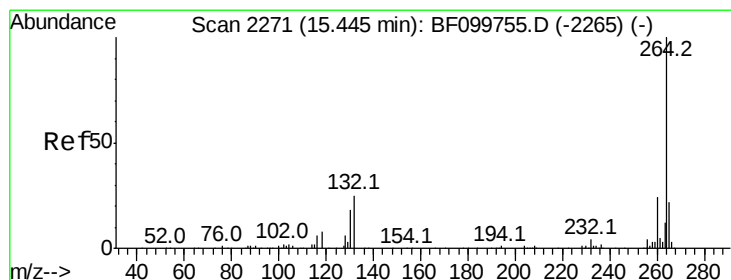
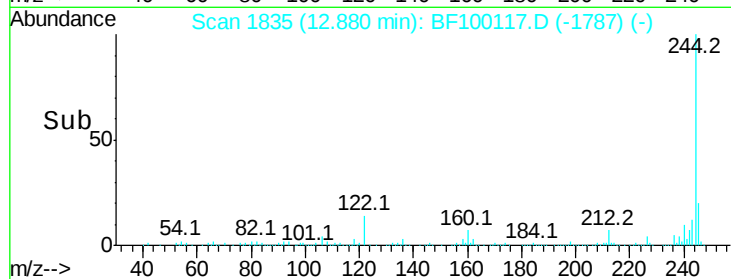
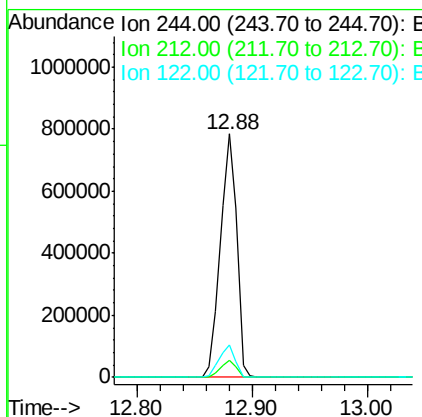
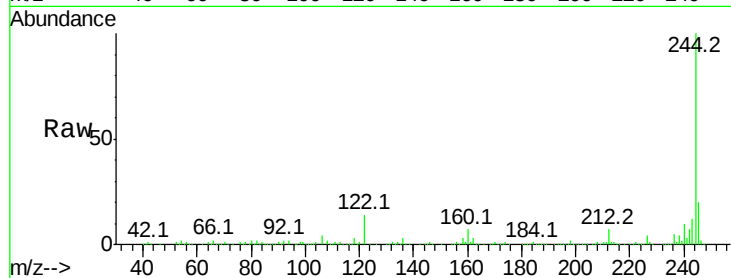
#78
 Terphenyl-d14
 Concen: 99.456 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Instrument :
 BNA_F
 ClientSampleId :
 103117-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.5	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.05 min
 Lab File: BF100117.D
 Acq: 3 Nov 2017 6:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	20.1	17.5	26.3

