

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095010.D
 Acq On : 9 May 2017 7:50
 Operator : SJ/MA
 Sample : I2881-01 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1050

Manual Integrations
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mohammad
 5/9/2017 5:03:13 PM

Quant Time: May 09 11:02:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	73975	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	294435	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	133167	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	206027	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	173041	20.00	ng	-0.02
86) Perylene-d12	20.30	264	134047	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	72318	16.30	ng	0.00
7) Phenol-d6	7.27	99	85739	16.10	ng	-0.01
23) Nitrobenzene-d5	8.61	82	51406	11.01	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	15593	14.30	ng	-0.01
44) 2-Fluorobiphenyl	11.51	172	115955	12.53	ng	-0.02
78) Terphenyl-d14	17.28	244	82897	10.55	ng	-0.03
Target Compounds						
57) Fluorene	13.46	166	29964m	2.94	ng	Qvalue
70) Phenanthrene	15.00	178	73640	6.22	ng	# 94

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

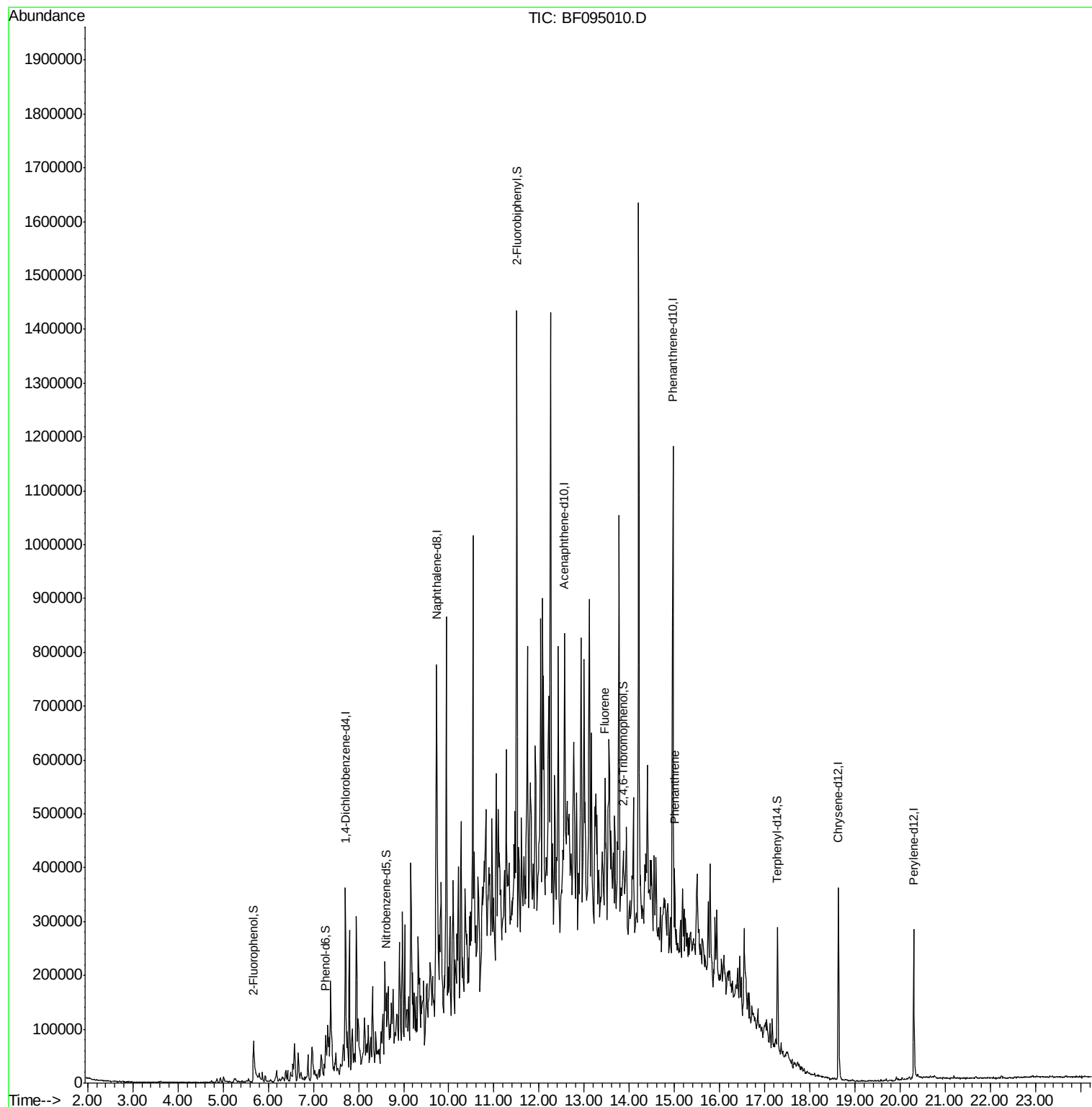
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095010.D
Acq On : 9 May 2017 7:50
Operator : SJ/MA
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Misc :
ALS Vial : 27 Sample Multiplier: 1

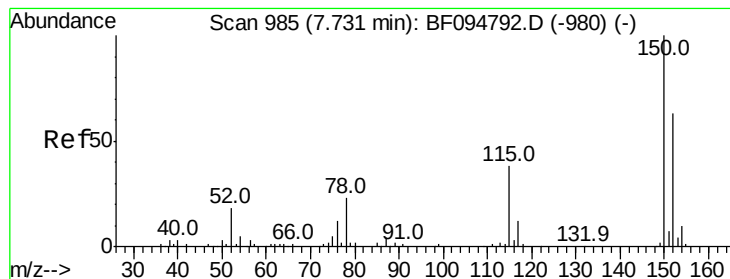
Instrument :
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1050

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#1

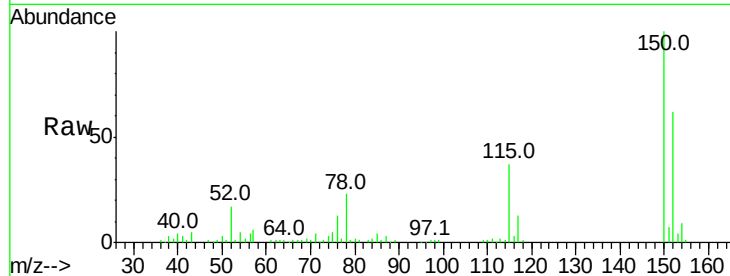
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :
1050

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.2	189.2
115	60.7	52.2	78.2

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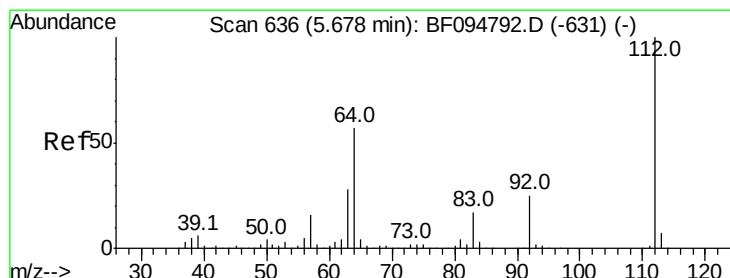
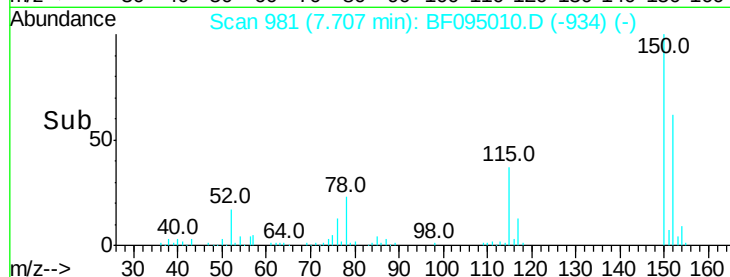
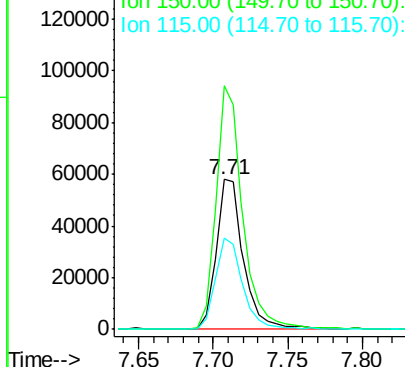


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

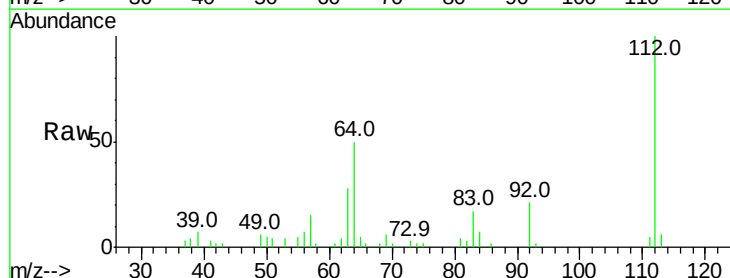
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 16.30 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.8	46.0	69.0
63	27.9	23.4	35.0

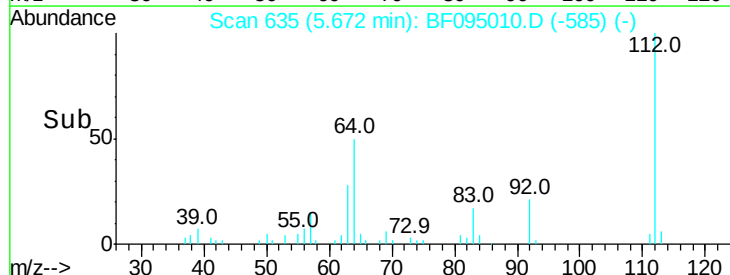
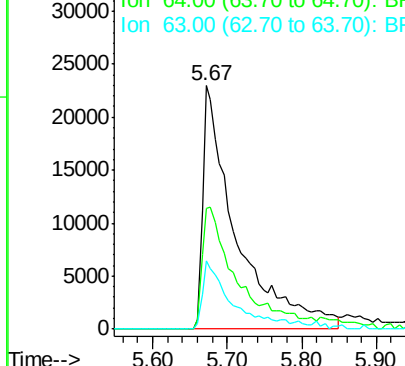


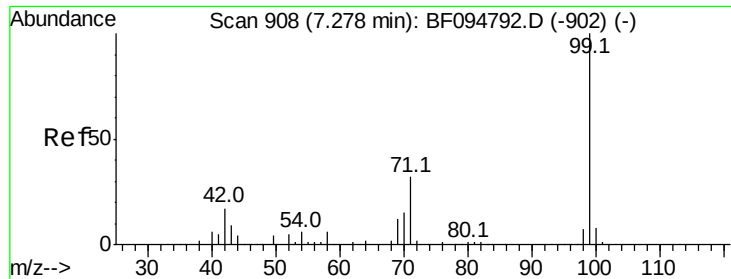
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 16.10 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095010.D

Acq: 9 May 2017 7:50

Instrument :

BNA_F

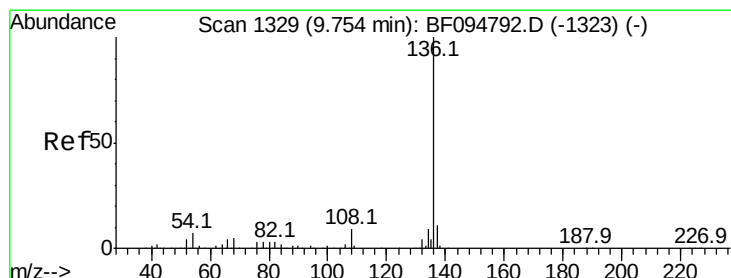
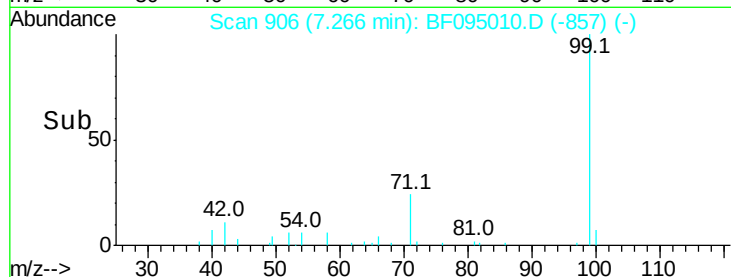
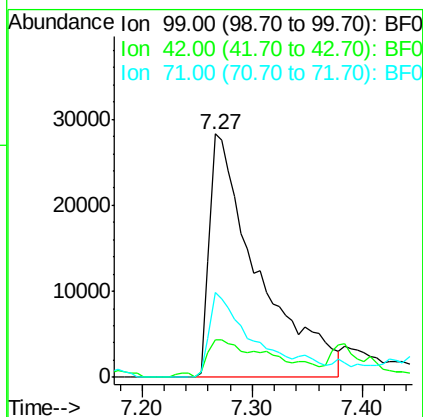
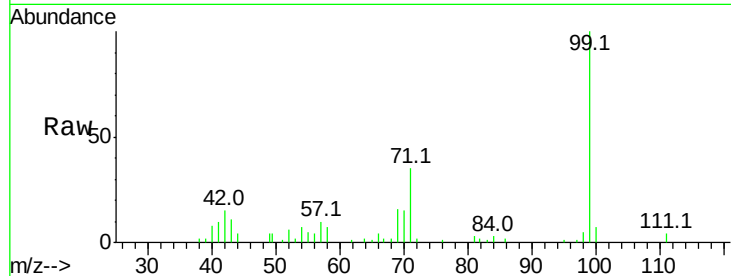
ClientSampleId :

1050

Tot Ion:	99	Resp:	85739
Ion Ratio	Lower	Upper	
99	100		
42	15.2	13.5	20.3
71	34.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

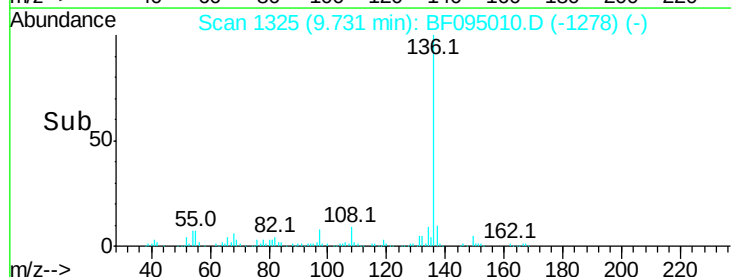
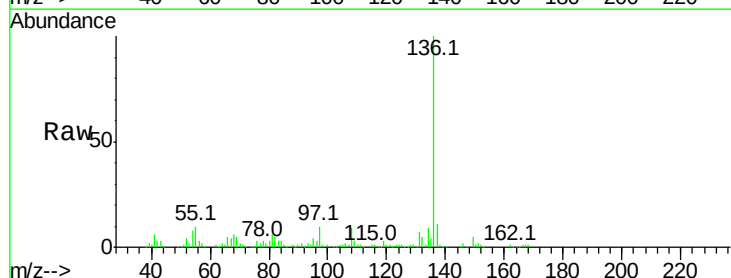
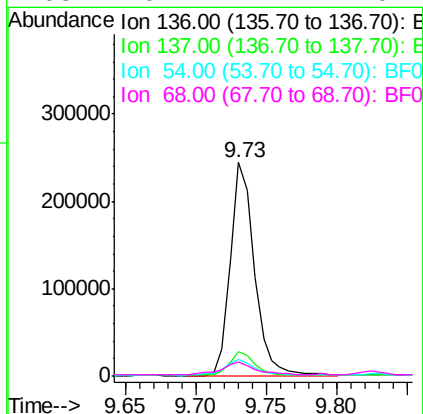
RT: 9.73 min Scan# 1325

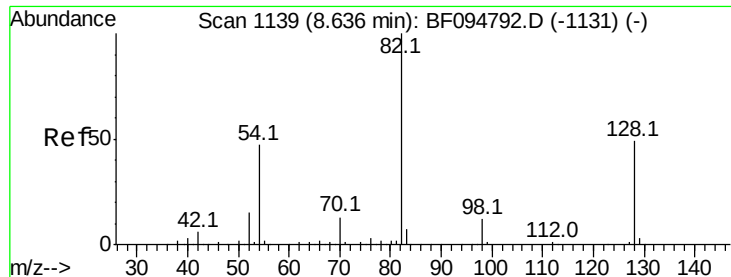
Delta R.T. -0.02 min

Lab File: BF095010.D

Acq: 9 May 2017 7:50

Tgt Ion:	136	Resp:	294435
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	7.8	4.9	7.3#
68	6.4	4.1	6.1#





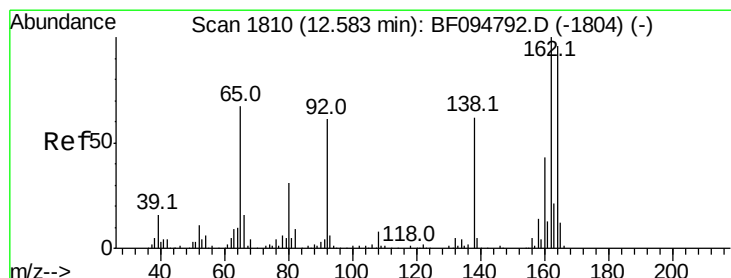
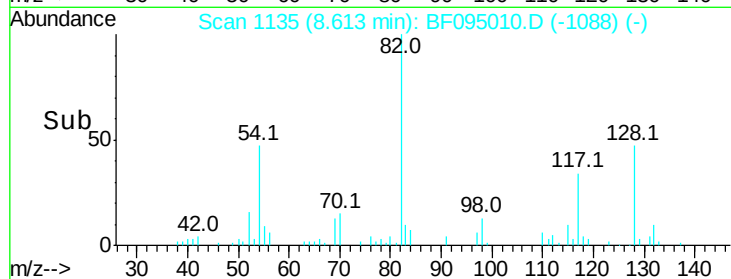
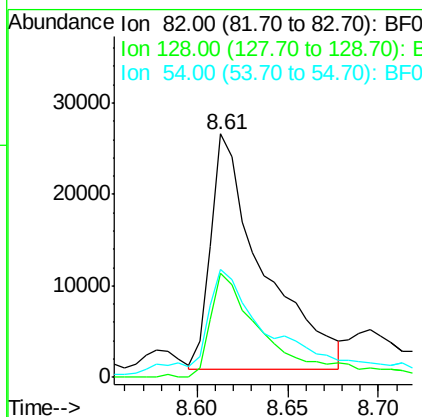
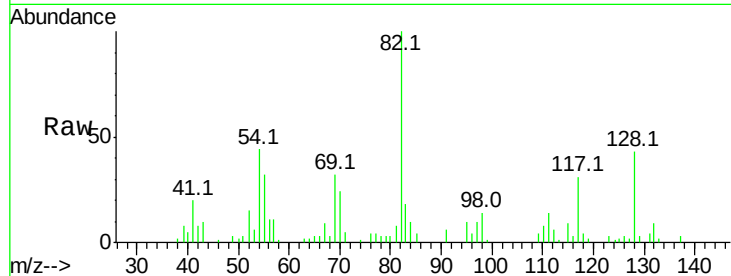
#23
 Nitrobenzene-d5
 Concen: 11.01 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095010.D
 Acq: 9 May 2017 7:50

Instrument :
 BNA_F
 ClientSampleId :
 1050

Tot Ion	82	Resp	51406
Ion Ratio	Lower	Upper	
82	100		
128	42.9	34.0	51.0
54	44.3	42.2	63.2

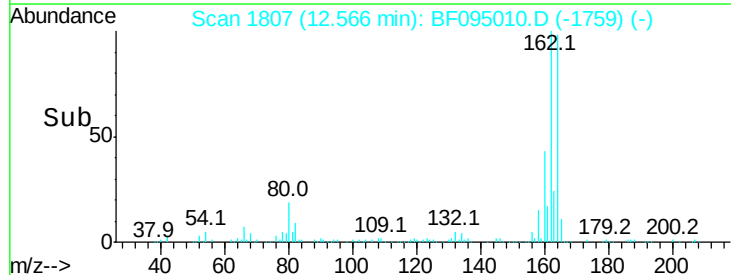
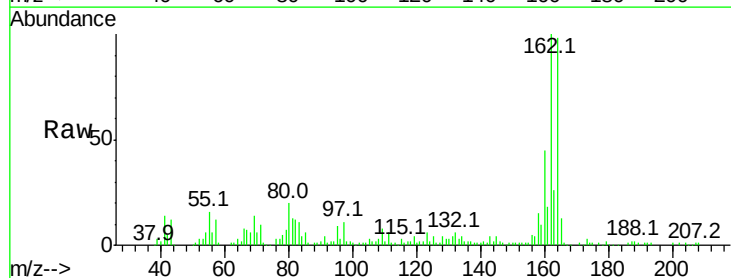
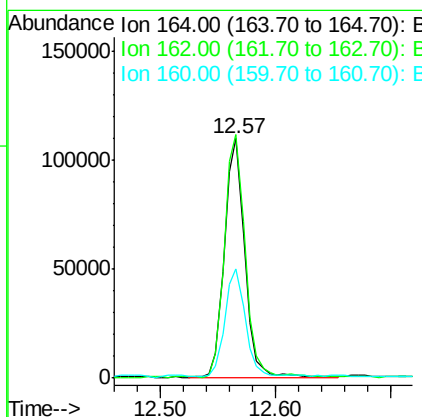
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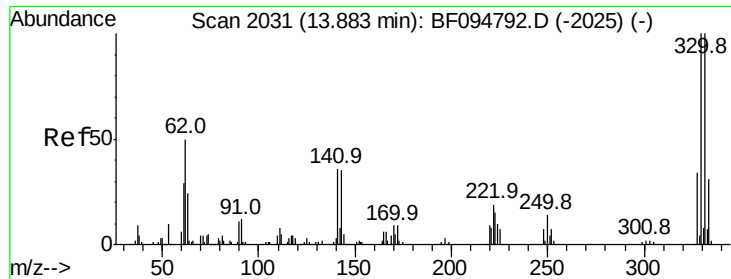
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF095010.D
 Acq: 9 May 2017 7:50

Tgt Ion	164	Resp	133167
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.6	123.8
160	45.5	36.2	54.2





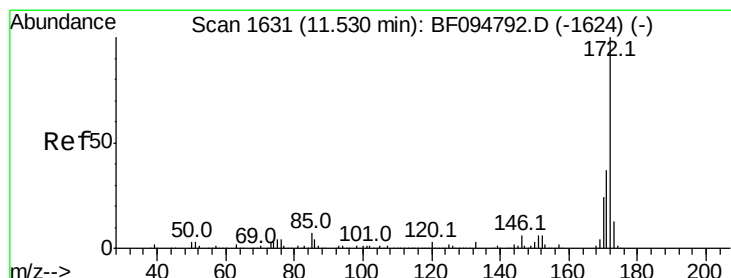
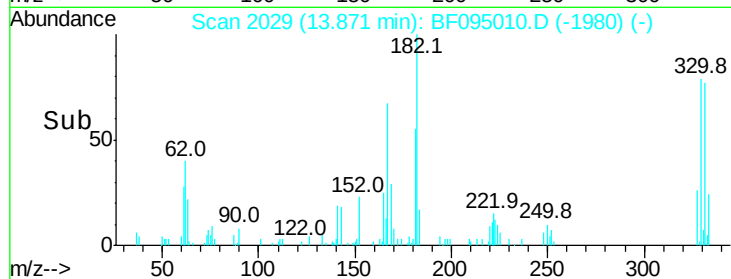
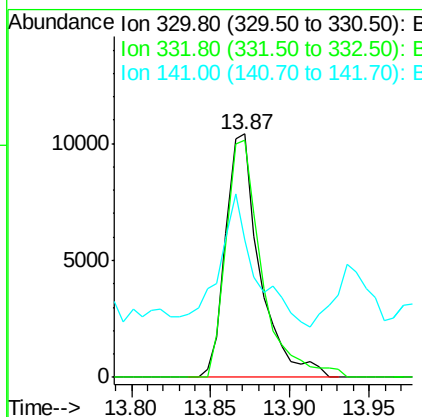
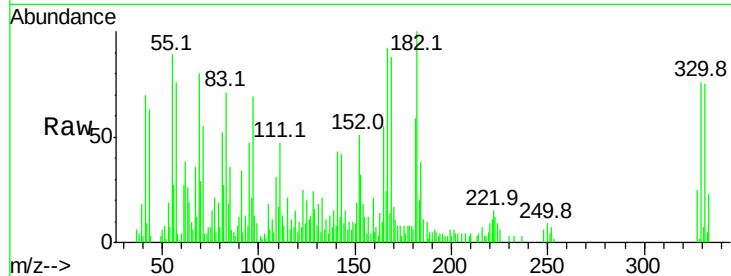
#41
 2,4,6-Tribromophenol
 Concen: 14.30 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF095010.D
 Acq: 9 May 2017 7:50

Instrument :
 BNA_F
 ClientSampled :
 1050

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.2	76.6	115.0	
141	57.2	31.4	47.2#	

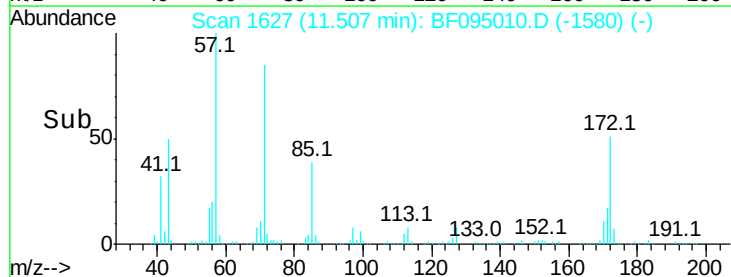
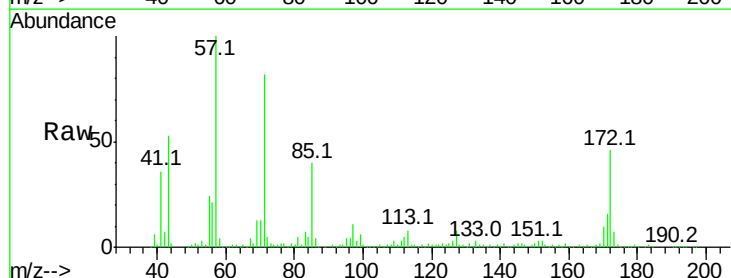
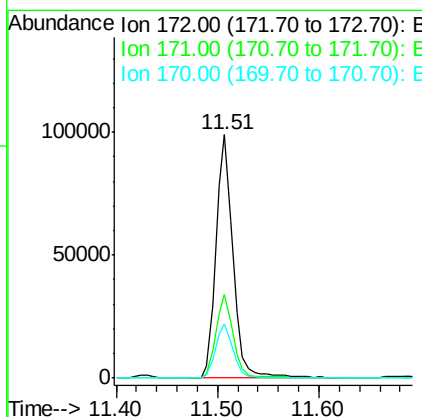
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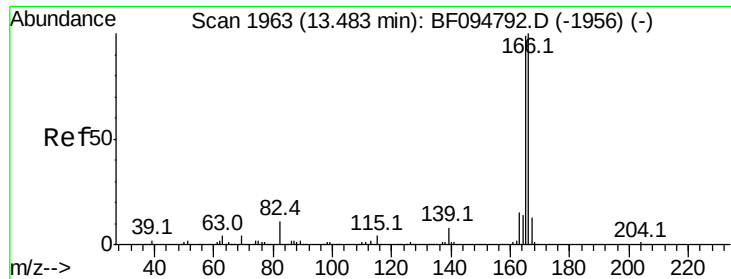
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#44
 2-Fluorobiphenyl
 Concen: 12.53 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095010.D
 Acq: 9 May 2017 7:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.2	29.6	44.4	
170	22.3	19.8	29.8	





#57

Fluorene

Concen: 2.94 ng/mL

RT: 13.46 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BF095010.D

Acq: 9 May 2017 7:50

Instrument :

BNA_F

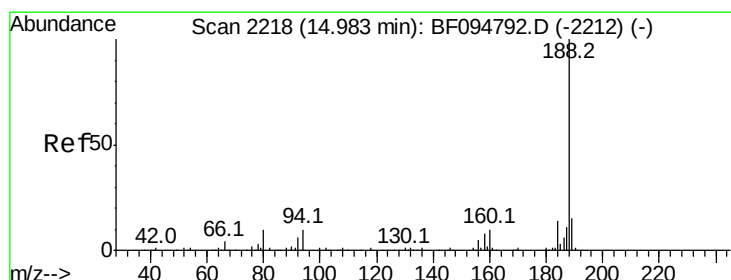
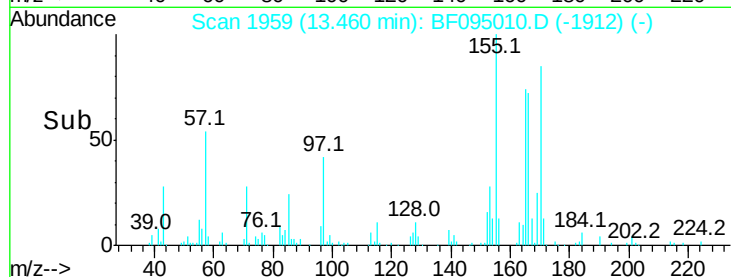
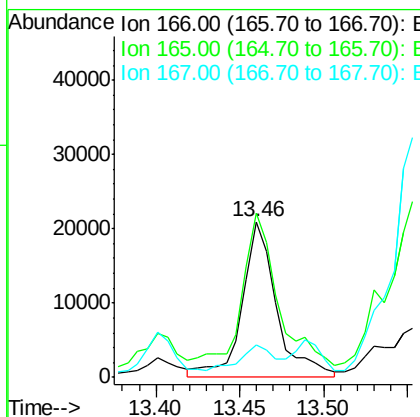
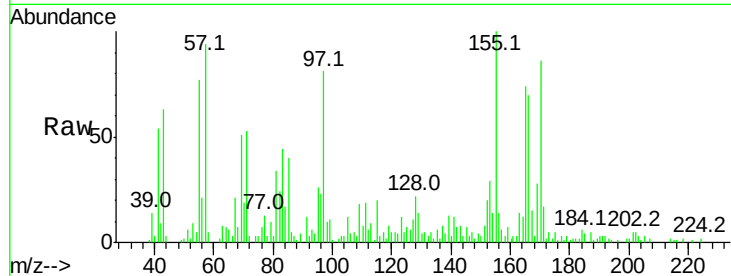
ClientSampled :

1050

Tot Ion	Ratio	Lower	Upper
166	100		
165	105.5	78.8	118.2
167	20.9	10.6	16.0

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#63

Phenanthrene-d10

Concen: 20.00 ng/mL

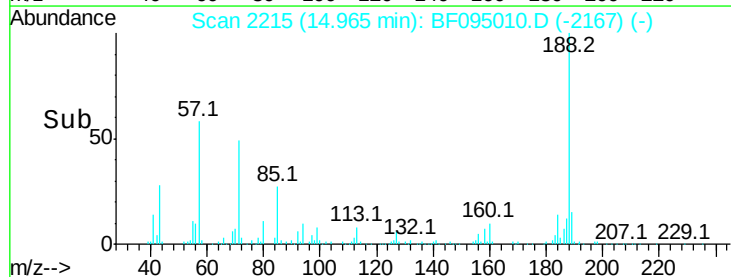
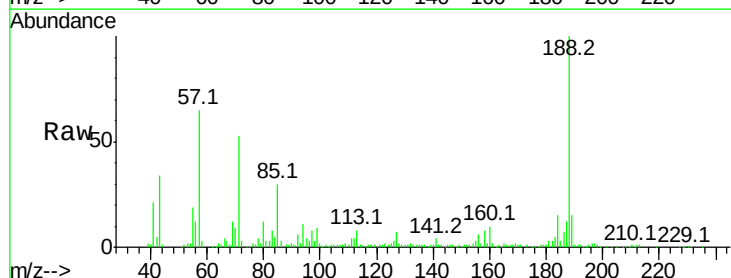
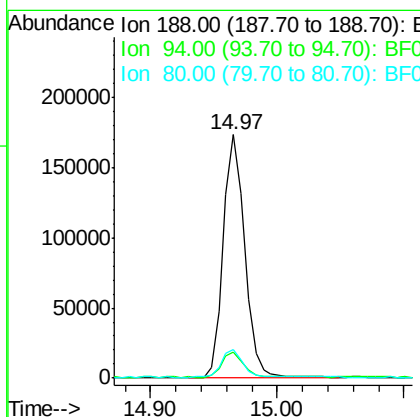
RT: 14.97 min Scan# 2215

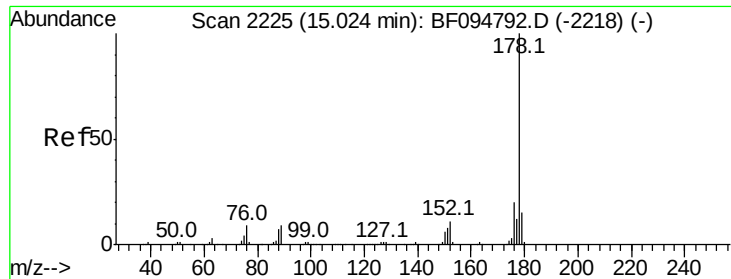
Delta R.T. -0.02 min

Lab File: BF095010.D

Acq: 9 May 2017 7:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.8	10.2	15.2





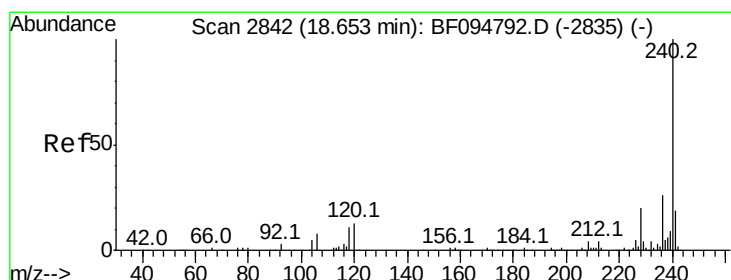
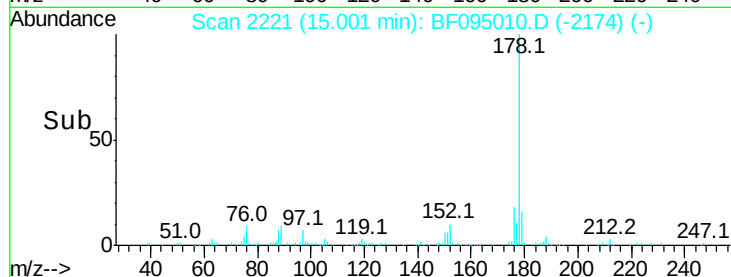
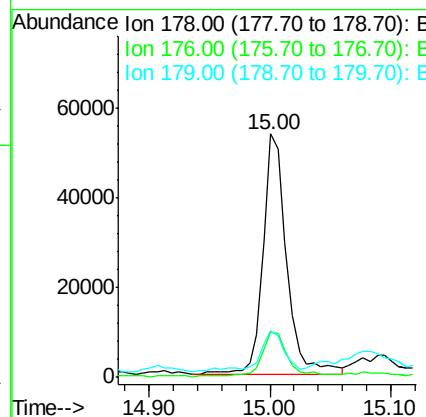
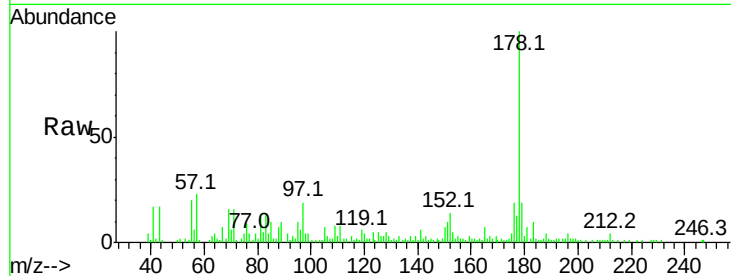
#70
Phenanthrene
Concen: 6.22 ng
RT: 15.00 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Instrument :
BNA_F
ClientSampleId :
1050

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	19.3	12.6	19.0#

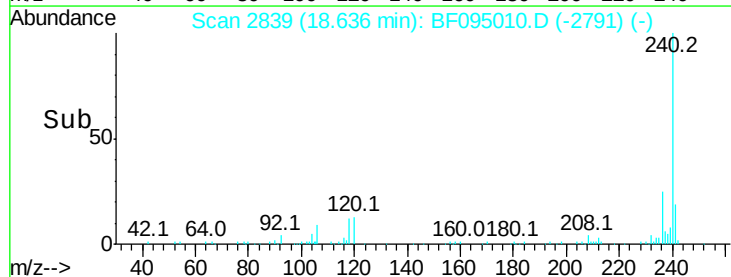
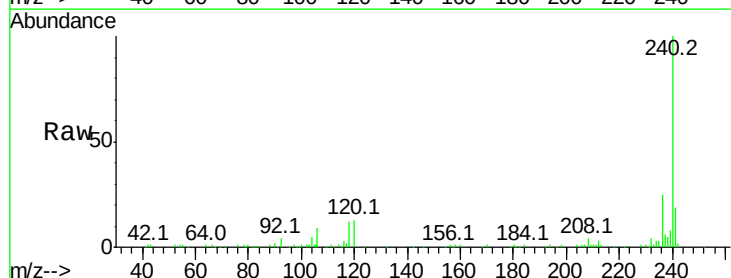
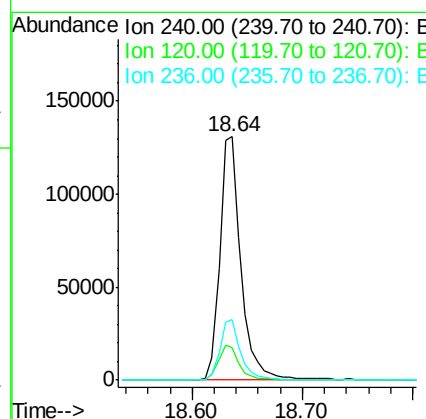
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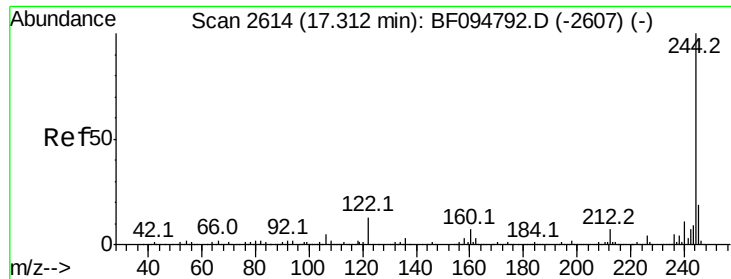
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF095010.D
Acq: 9 May 2017 7:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	25.1	20.5	30.7





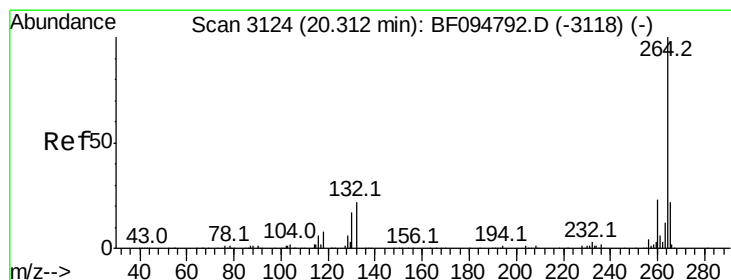
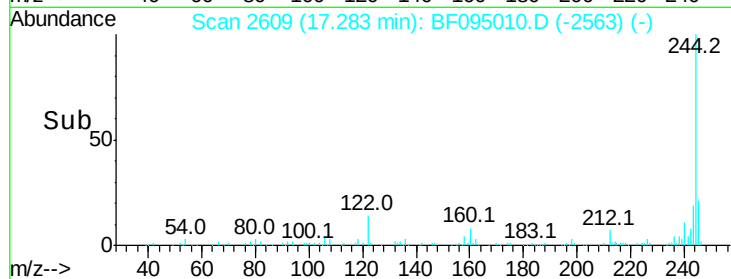
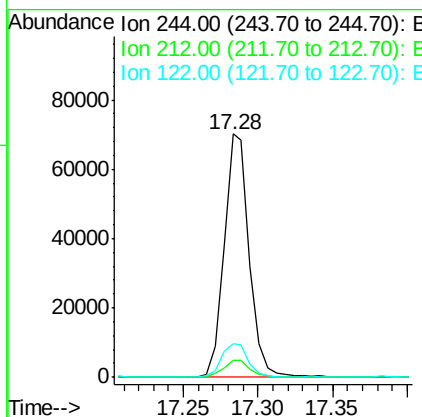
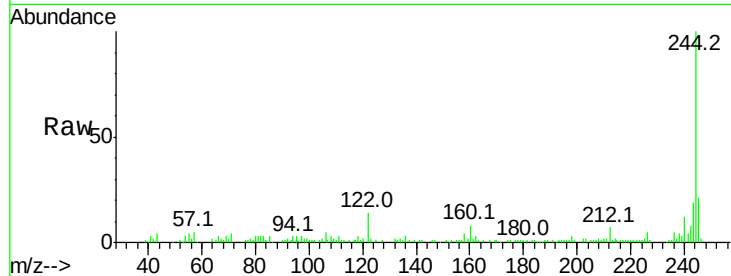
#78
 Terphenyl-d14
 Concen: 10.55 ng
 RT: 17.28 min Scan# 2609
 Delta R.T. -0.03 min
 Lab File: BF095010.D
 Acq: 9 May 2017 7:50

Instrument :
 BNA_F
 ClientSampleId :
 1050

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.6	10.3	15.5

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095010.D
 Acq: 9 May 2017 7:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	20.8	17.2	25.8

