

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
 Data File : BF094917.D
 Acq On : 5 May 2017 14:58
 Operator : SJ/MA
 Sample : I2952-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Manual Integrations
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Quant Time: May 05 15:28:56 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	7.72	152	81986	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	344023	20.00	ng	-0.01
38) Acenaphthene-d10	12.58	164	163995	20.00	ng	0.00
63) Phenanthrene-d10	14.97	188	286289	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	202890	20.00	ng	-0.01
86) Perylene-d12	20.31	264	168611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	47540m	9.67	ng	0.02
7) Phenol-d6	7.30	99	56504m	9.58	ng	0.02
23) Nitrobenzene-d5	8.63	82	49236m	9.02	ng	0.00
41) 2,4,6-Tribromophenol	13.89	330	17076m	12.71	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	122011	10.71	ng	-0.01
78) Terphenyl-d14	17.29	244	106932	11.61	ng	-0.02

Target Compounds Qvalue

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

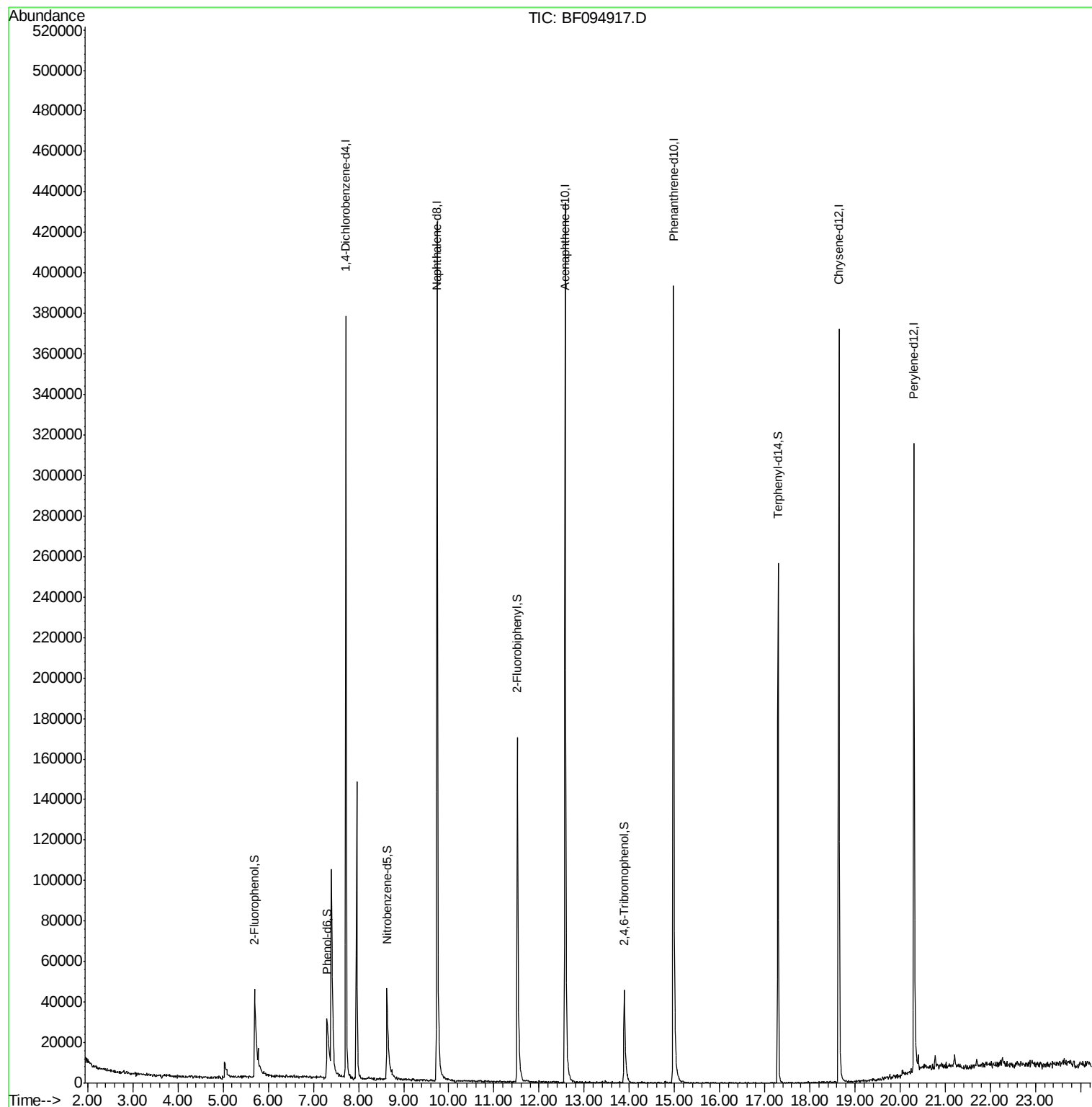
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050417\
Data File : BF094917.D
Acq On : 5 May 2017 14:58
Operator : SJ/MA
Sample : I2952-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

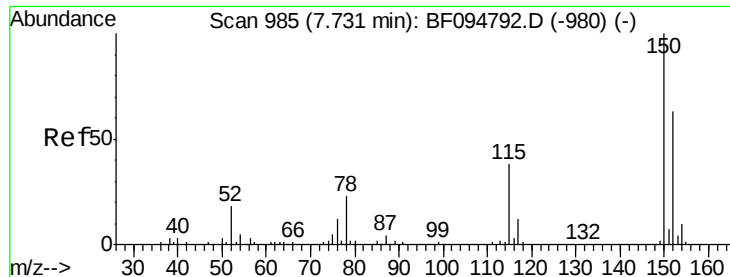
Instrument :
BNA_F
ClientSampleId :
MW-1

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#1

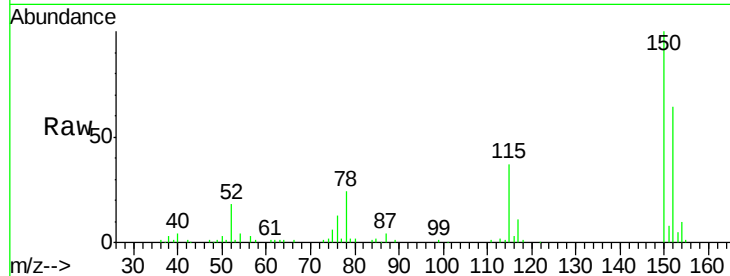
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094917.D
Acq: 5 May 2017 14:58

Instrument :
BNA_F
ClientSampled :
MW-1

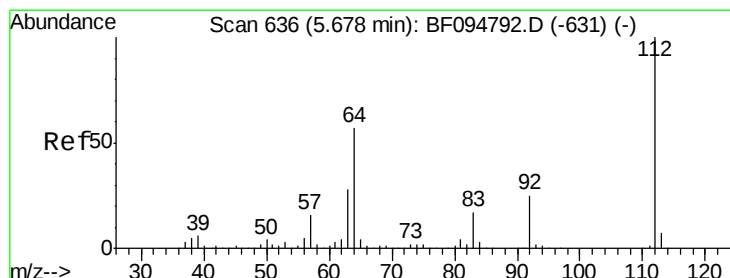
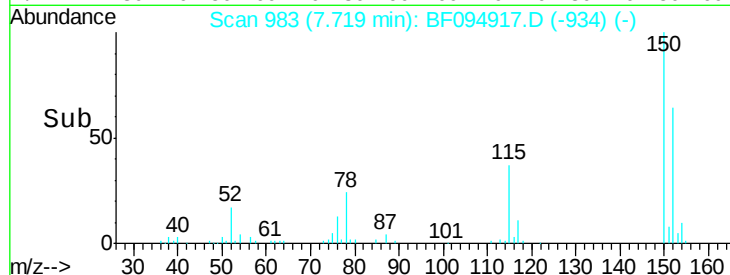
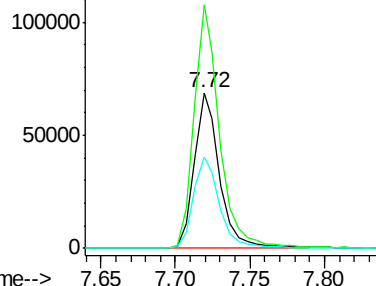
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	58.5	52.2	78.2

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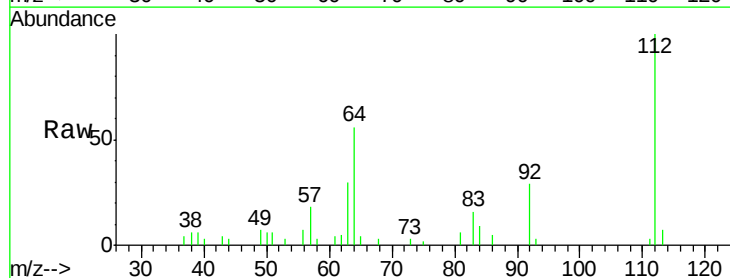
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



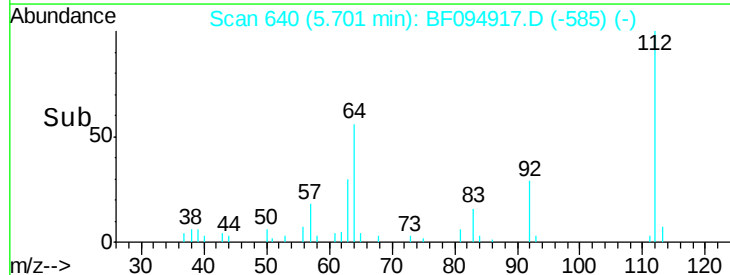
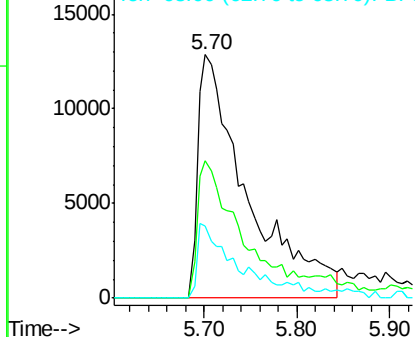
#5

2-Fluorophenol
Concen: 9.67 ng m
RT: 5.70 min Scan# 640
Delta R.T. 0.02 min
Lab File: BF094917.D
Acq: 5 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.0	69.0
63	29.6	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

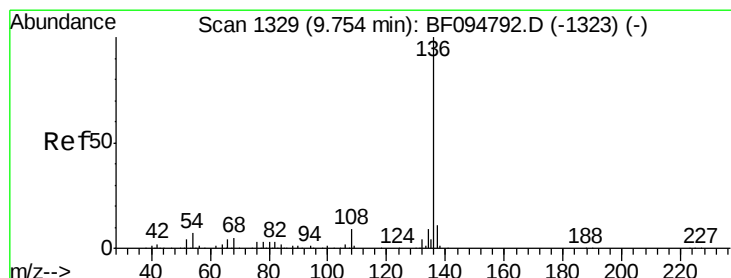
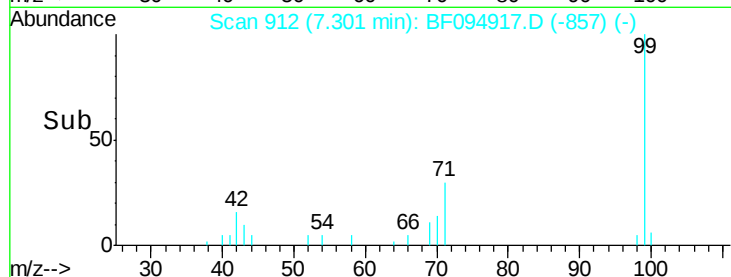
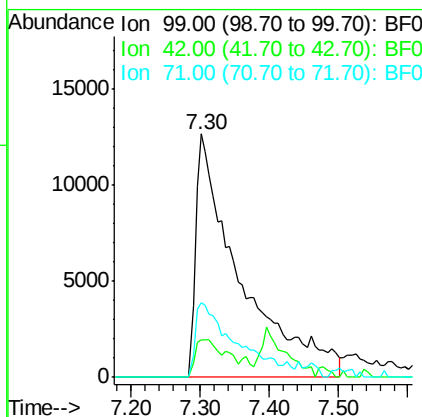
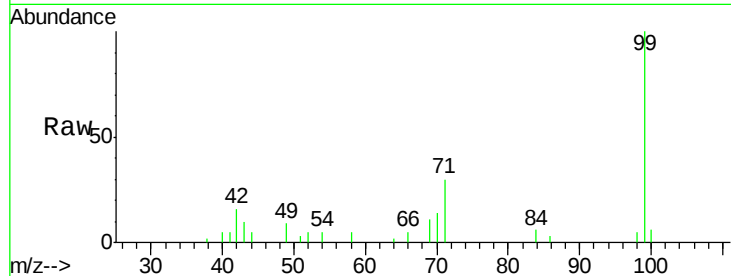
Concen: 9.58 ng m
RT: 7.30 min Scan# 912
Delta R.T. 0.02 min
Lab File: BF094917.D
Acq: 5 May 2017 14:58

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	30.5	24.5	36.7

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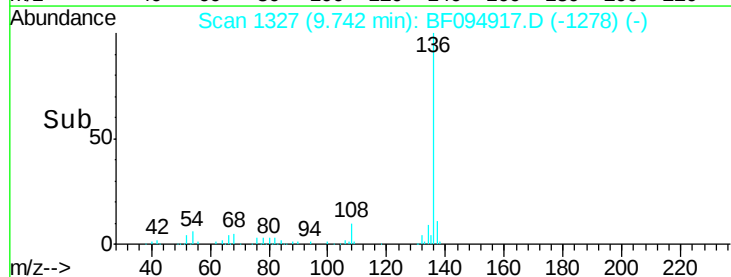
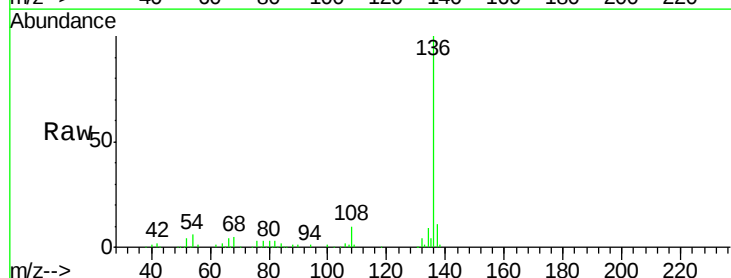
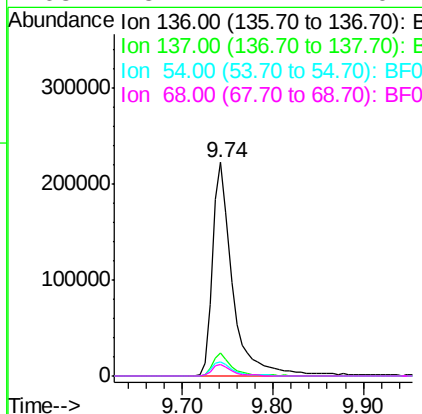


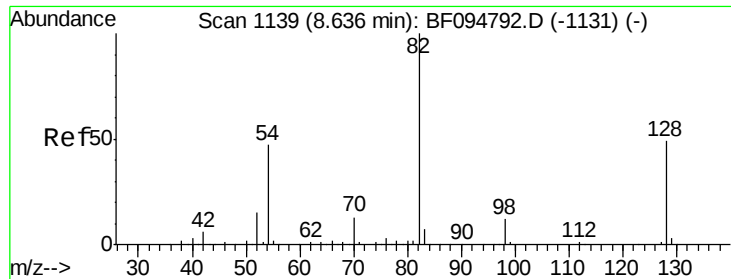
#21

Naphthalene-d8

Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094917.D
Acq: 5 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.5	4.9	7.3
68	5.2	4.1	6.1





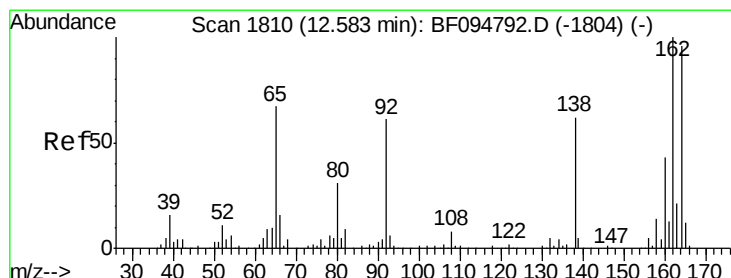
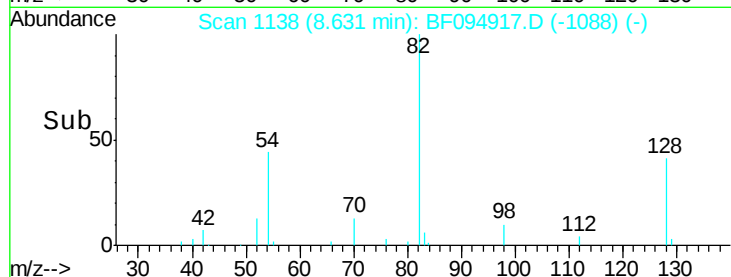
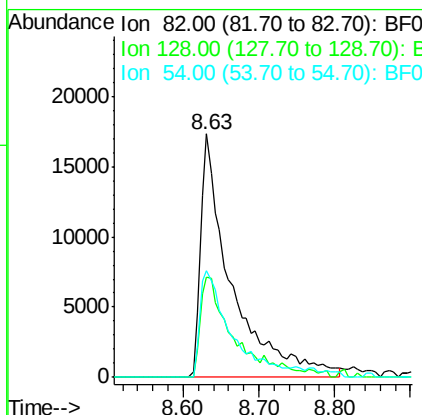
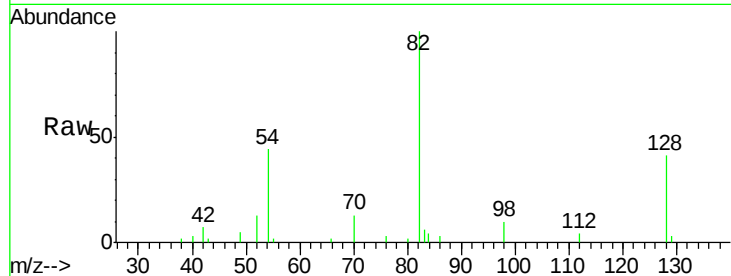
#23
 Nitrobenzene-d5
 Concen: 9.02 ng m
 RT: 8.63 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094917.D
 Acq: 5 May 2017 14:58

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.0	51.0
54	43.5	42.2	63.2

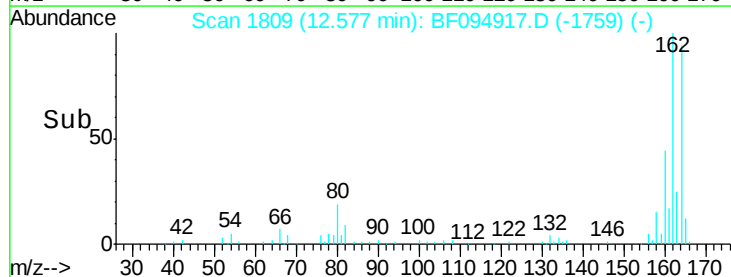
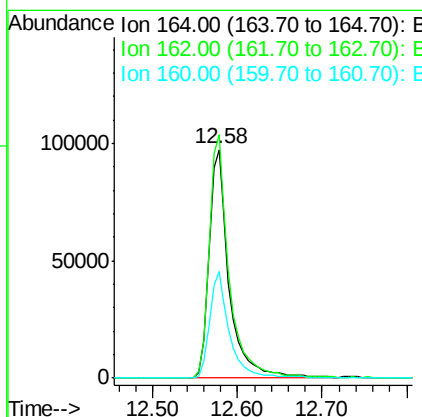
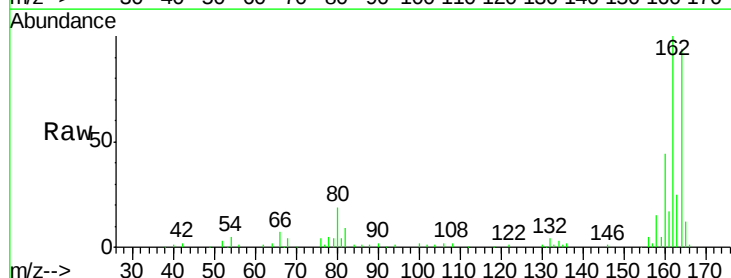
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.58 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF094917.D
 Acq: 5 May 2017 14:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.6	123.8
160	46.7	36.2	54.2





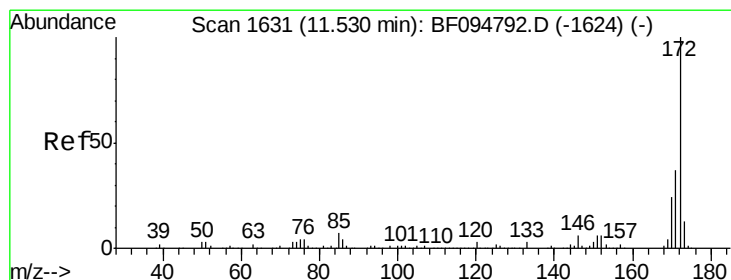
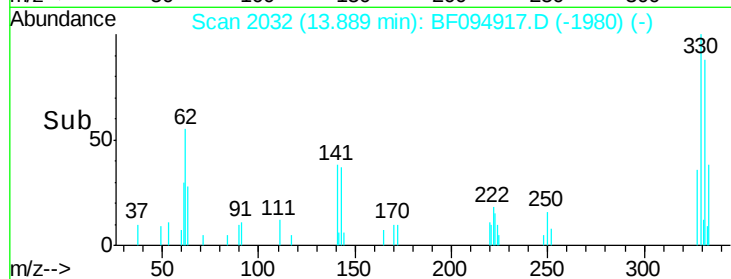
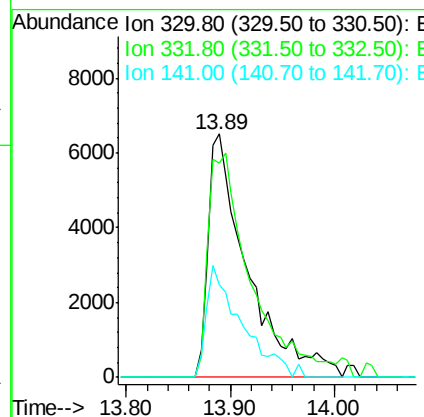
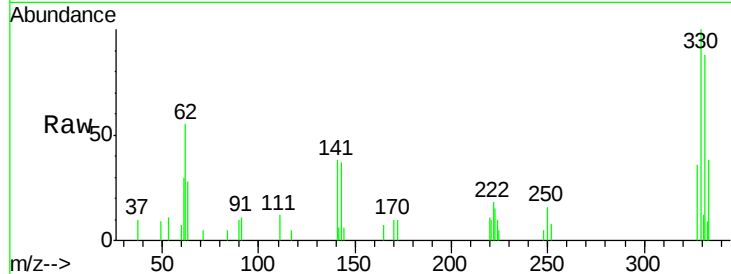
#41
 2,4,6-Tribromophenol
 Concen: 12.71 ng m
 RT: 13.89 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF094917.D
 Acq: 5 May 2017 14:58

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	17076		
332	99.2	76.6	115.0	
141	41.7	31.4	47.2	

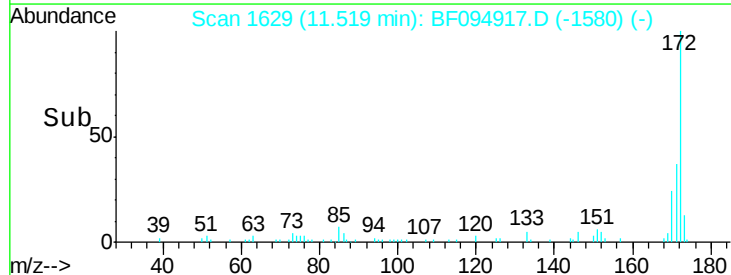
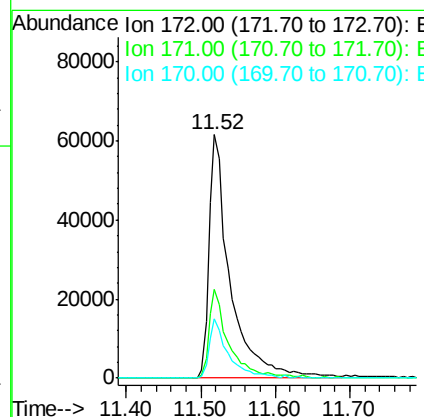
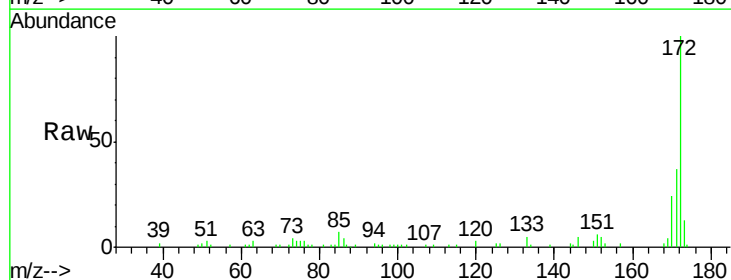
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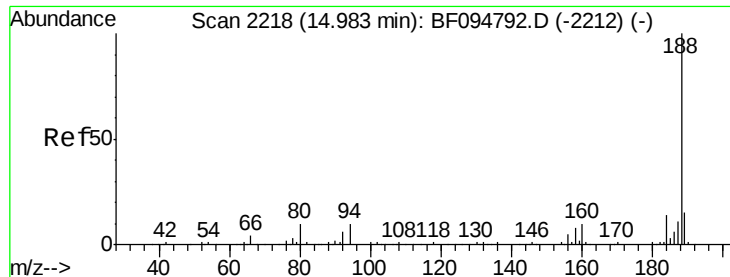
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#44
 2-Fluorobiphenyl
 Concen: 10.71 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094917.D
 Acq: 5 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	122011		
171	36.6	29.6	44.4	
170	24.4	19.8	29.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094917.D

Acq: 5 May 2017 14:58

Instrument :

BNA_F

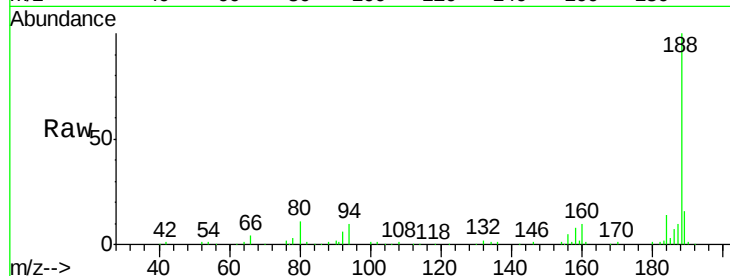
ClientSampleId :

MW-1

Tgt Ion:	188	Resp:	286289
Ion Ratio	Lower	Upper	
188	100		
94	9.6	9.4	14.2
80	11.2	10.2	15.2

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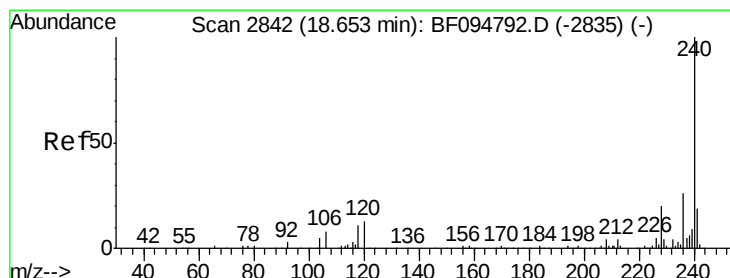
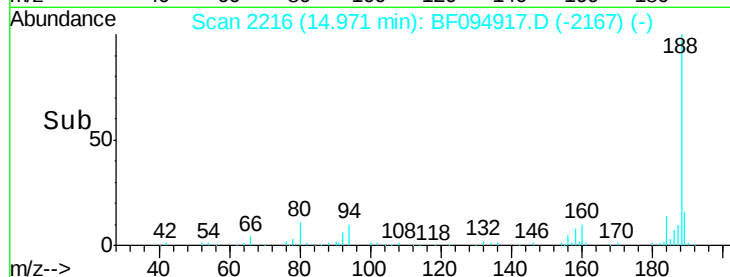
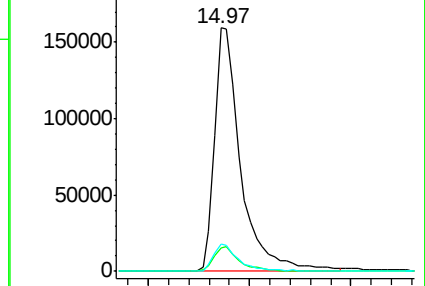
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094917.D

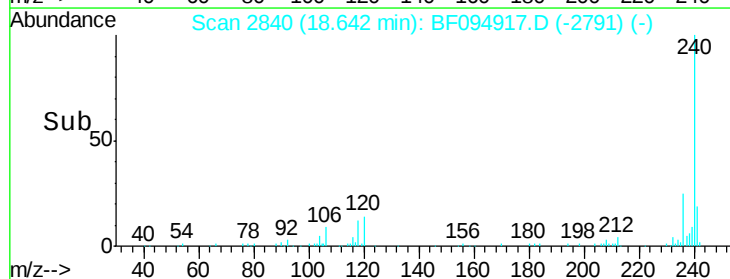
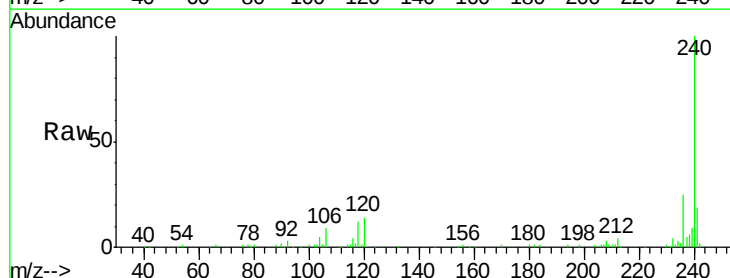
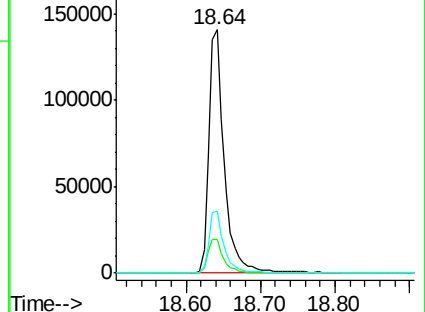
Acq: 5 May 2017 14:58

Tgt Ion:	240	Resp:	202890
Ion Ratio	Lower	Upper	
240	100		
120	13.9	5.8	8.8#
236	25.2	20.5	30.7

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





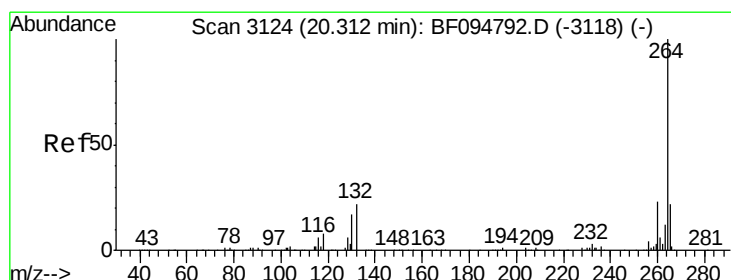
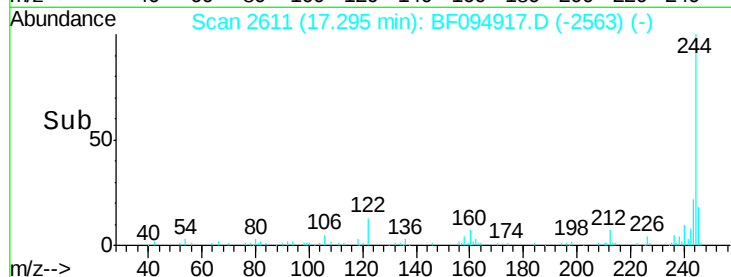
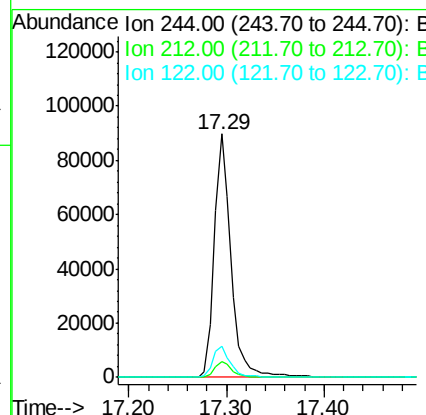
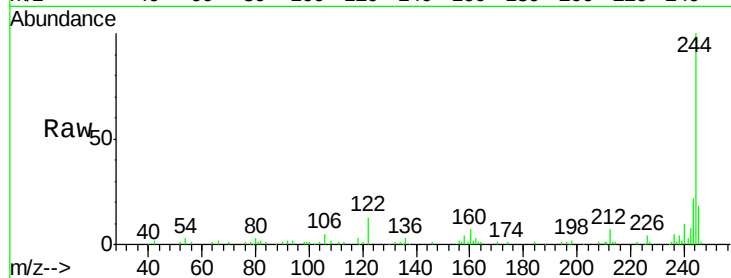
#78
 Terphenyl-d14
 Concen: 11.61 ng
 RT: 17.29 min Scan# 2611
 Delta R.T. -0.02 min
 Lab File: BF094917.D
 Acq: 5 May 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	106932		
212	6.6	6.0	9.0	
122	12.6	10.3	15.5	

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094917.D
 Acq: 5 May 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	168611		
260	21.5	19.5	29.3	
265	20.1	17.2	25.8	

