

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095012.D
 Acq On : 9 May 2017 8:54
 Operator : SJ/MA
 Sample : I2947-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Manual Integrations
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Quant Time: May 09 11:58:13 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	96792	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	346851	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	158953	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	276040	20.00	ng	-0.02
75) Chrysene-d12	18.63	240	182959	20.00	ng	-0.02
86) Perylene-d12	20.30	264	144173	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	619088	106.64	ng	-0.02
7) Phenol-d6	7.25	99	794168	114.01	ng	-0.02
23) Nitrobenzene-d5	8.61	82	449630	81.74	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	134513	103.33	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	850766	77.04	ng	-0.02
78) Terphenyl-d14	17.29	244	470748	56.67	ng	-0.02
Target Compounds						
10) Phenol	7.27	94	16442m	2.24	ng	Qvalue
49) Dimethylphthalate	12.20	163	137690	10.55	ng	97

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

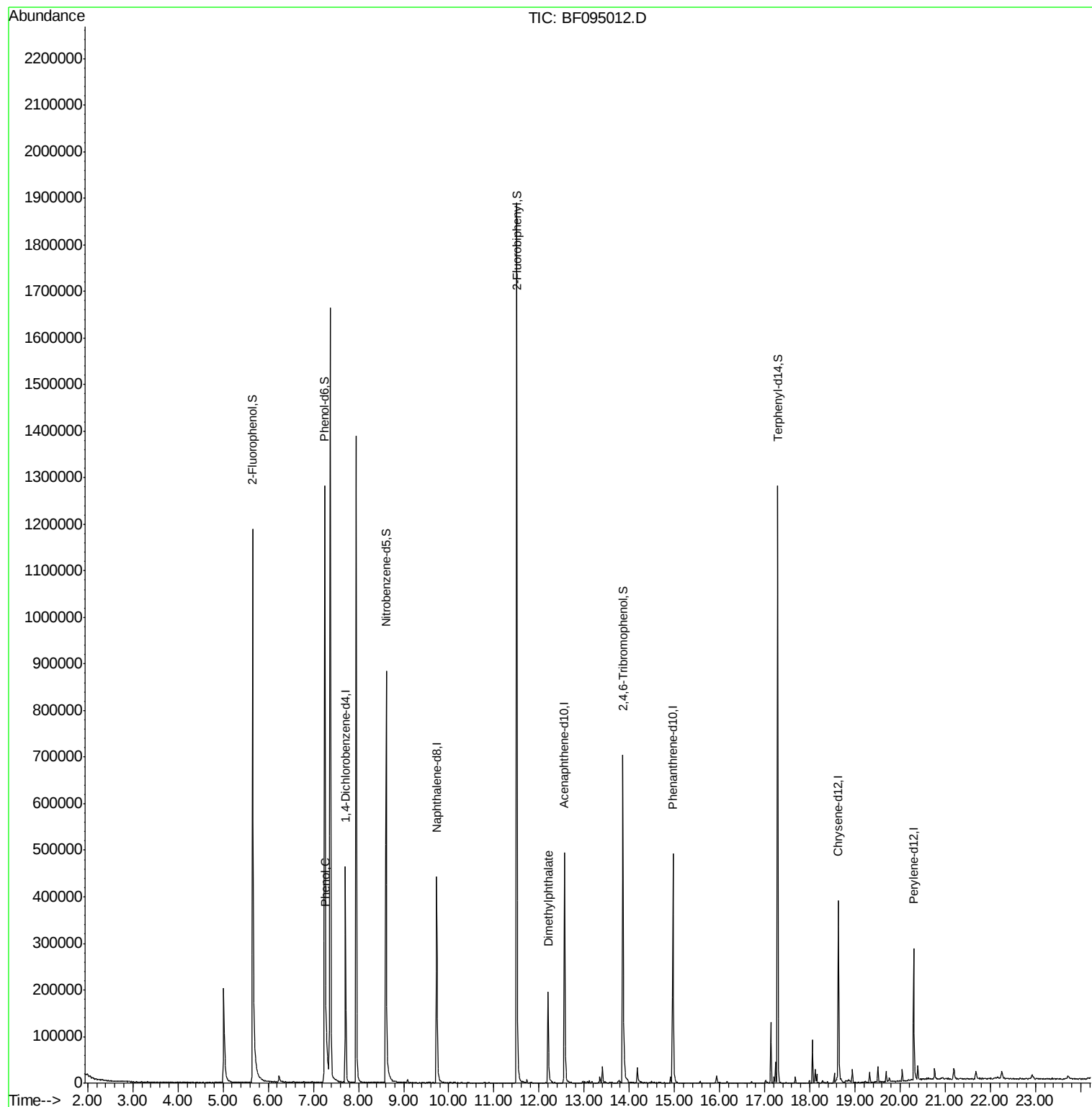
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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Acq On : 9 May 2017 8:54
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Response via : Initial Calibration





#1

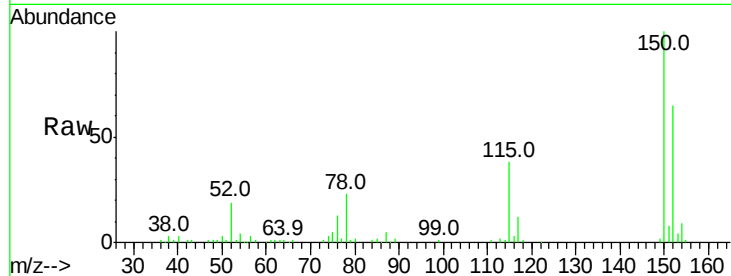
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095012.D
Acq: 9 May 2017 8:54

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.2	189.2
115	58.8	52.2	78.2

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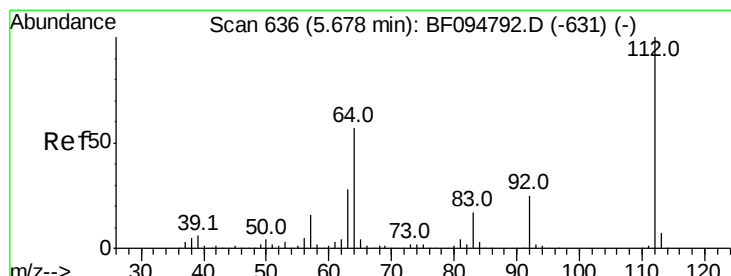
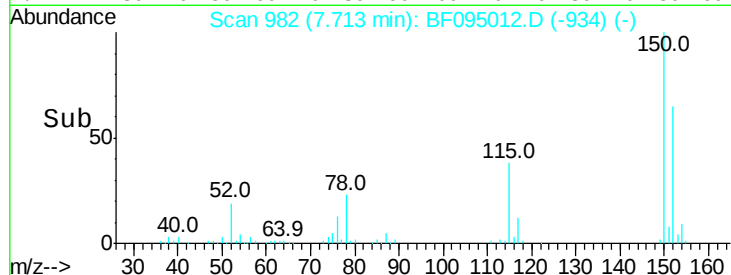
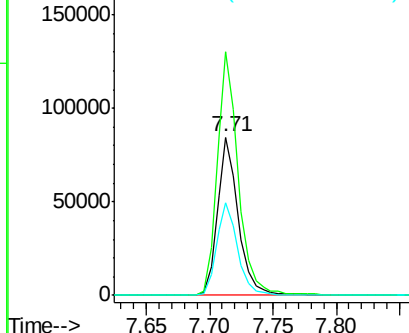


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

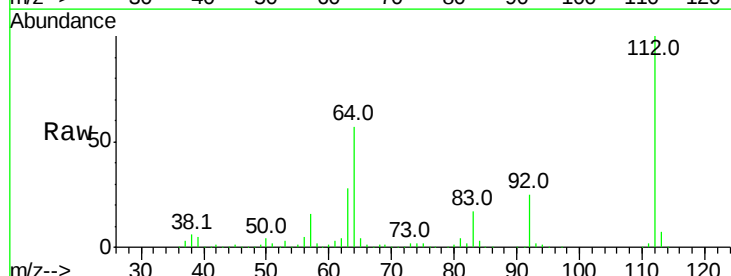
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.64 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095012.D
Acq: 9 May 2017 8:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.0	69.0
63	27.6	23.4	35.0

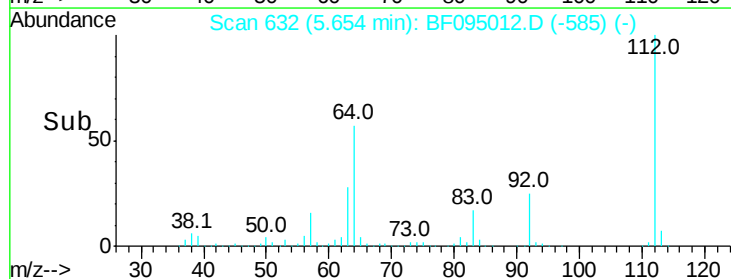
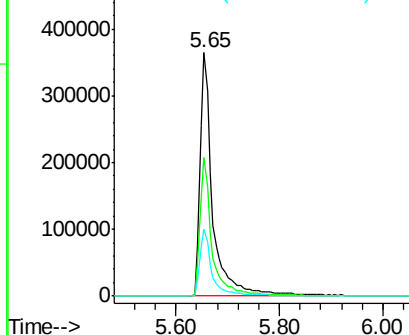


Abundance

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: 114.01 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

Instrument :

BNA_F

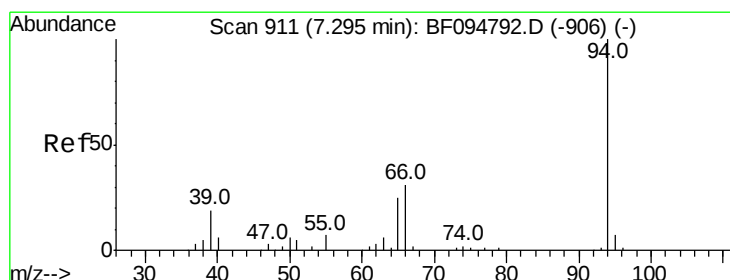
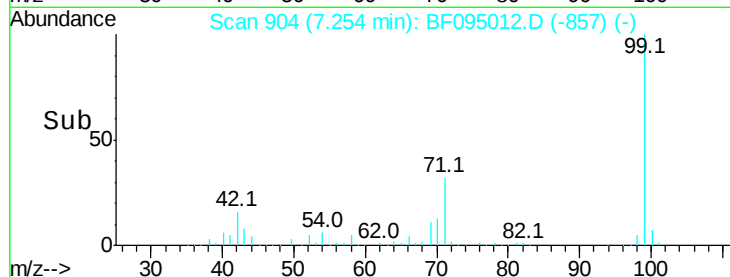
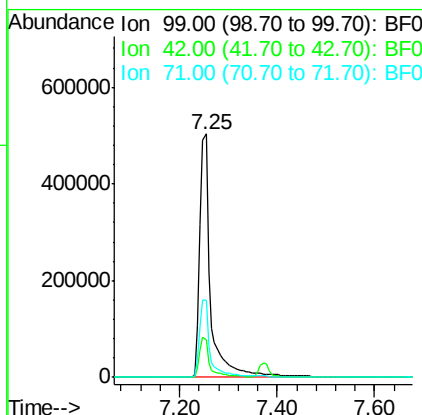
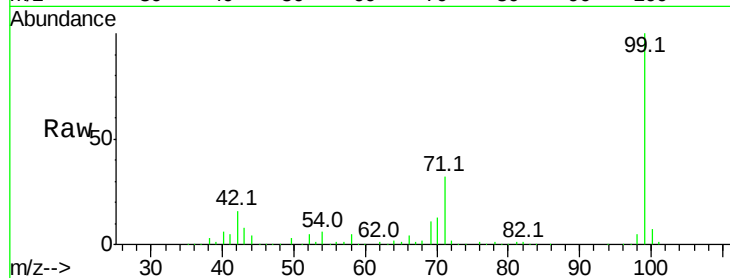
ClientSampleId :

SB-01-COMP

Tot Ion:	99	Resp:	794168
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.5	20.3
71	31.5	24.5	36.7

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#10

Phenol

Concen: 2.24 ng m

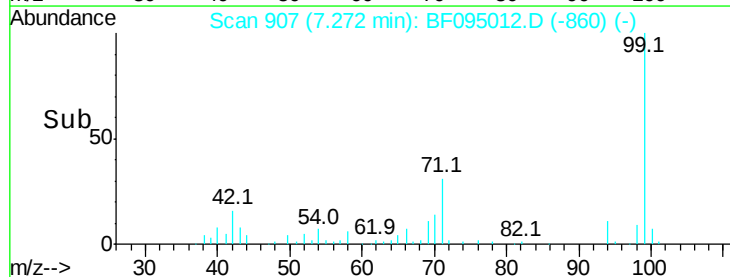
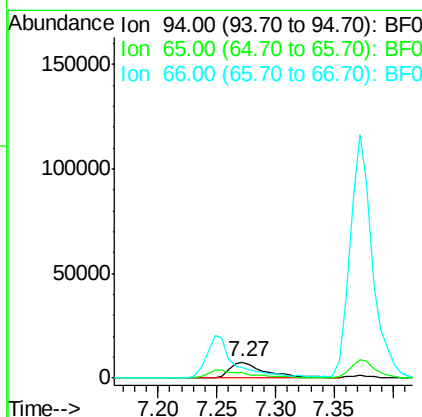
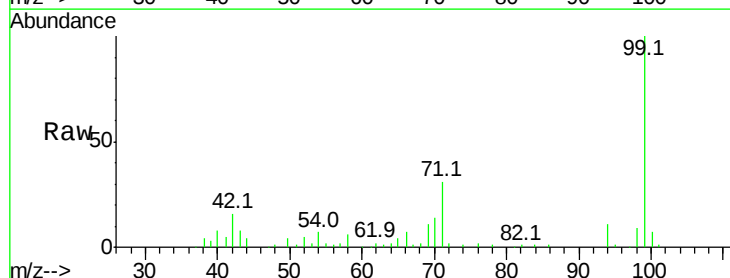
RT: 7.27 min Scan# 907

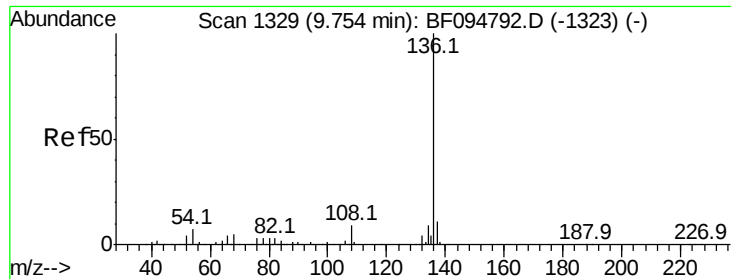
Delta R.T. -0.02 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

Tgt Ion:	94	Resp:	16442
Ion Ratio	Lower	Upper	
94	100		
65	34.3	9.9	49.9
66	61.6	23.1	63.1





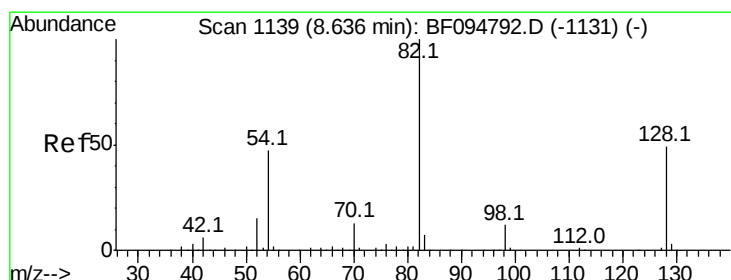
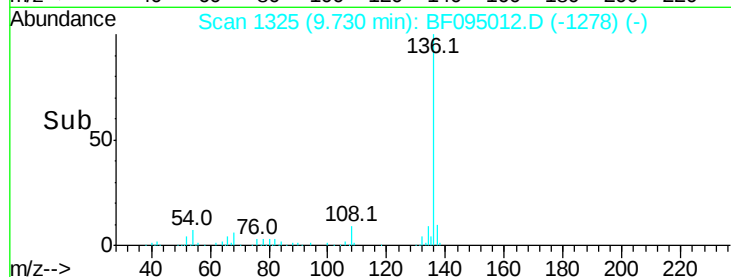
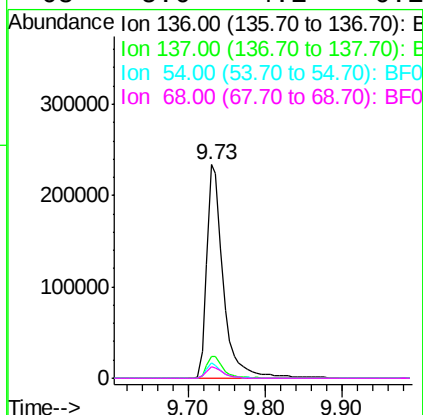
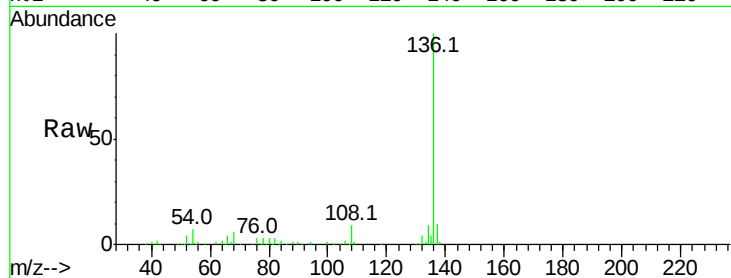
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.73 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF095012.D
Acq: 9 May 2017 8:54

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100	346851		
137	9.9	8.5	12.7	
54	7.1	4.9	7.3	
68	5.6	4.1	6.1	

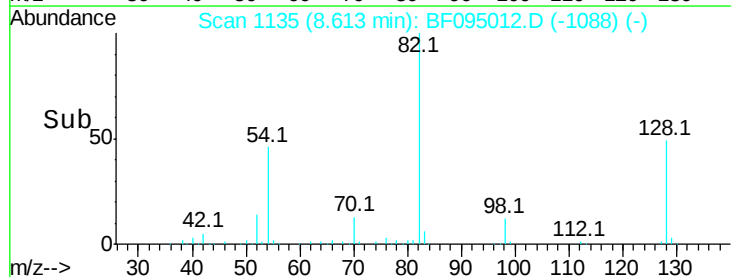
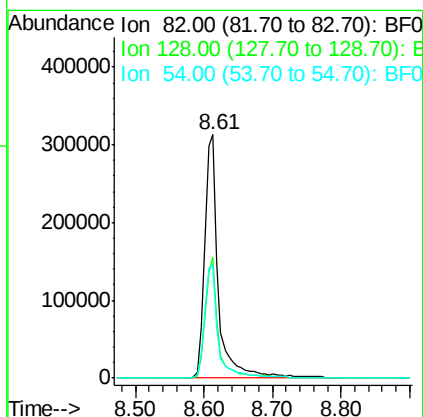
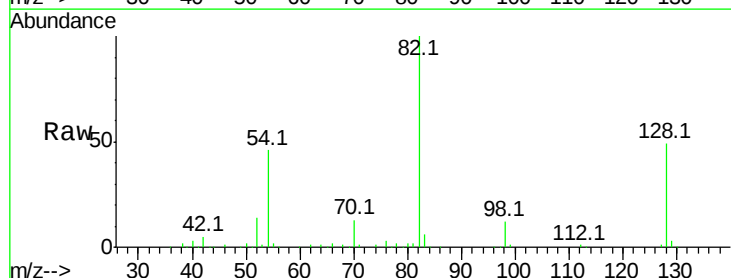
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#23
Nitrobenzene-d5
Concen: 81.74 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF095012.D
Acq: 9 May 2017 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	449630		
128	49.5	34.0	51.0	
54	46.3	42.2	63.2	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

Tot Ion:164 Resp: 158953

Ion Ratio Lower Upper

164 100

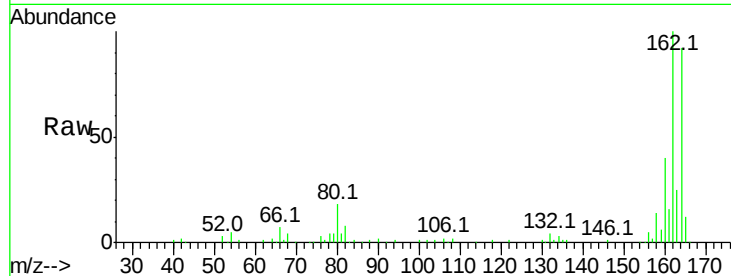
162 109.2 82.6 123.8

160 44.1 36.2 54.2

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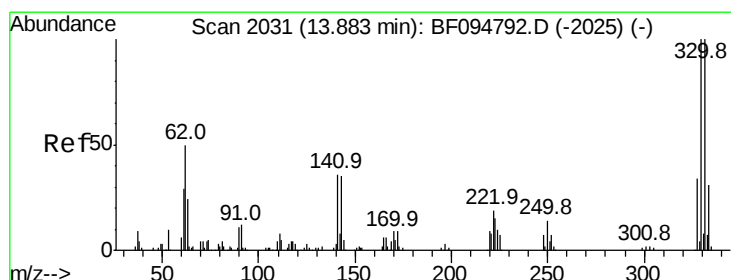
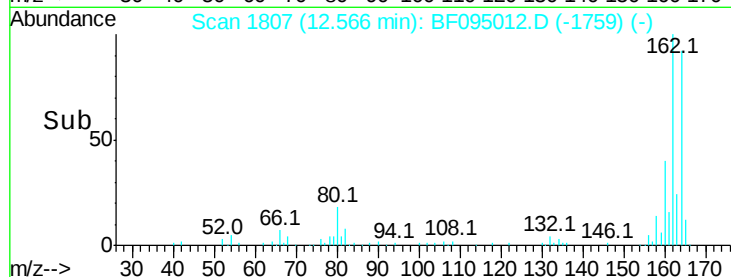
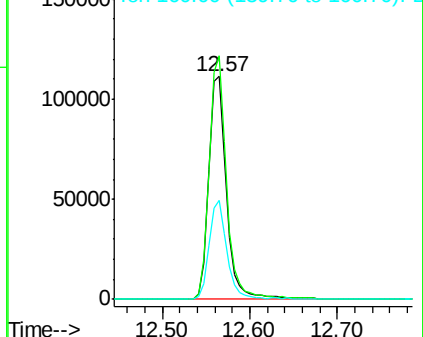
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 103.33 ng

RT: 13.86 min Scan# 2027

Delta R.T. -0.02 min

Lab File: BF095012.D

Acq: 9 May 2017 8:54

Tgt Ion:330 Resp: 134513

Ion Ratio Lower Upper

330 100

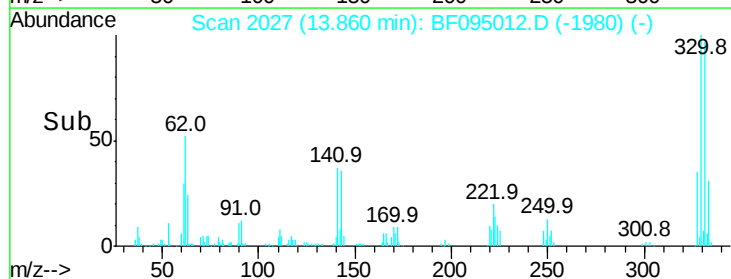
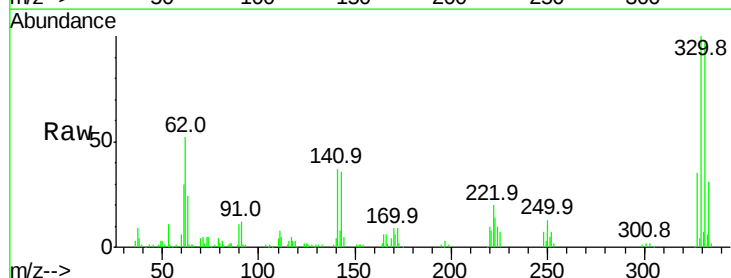
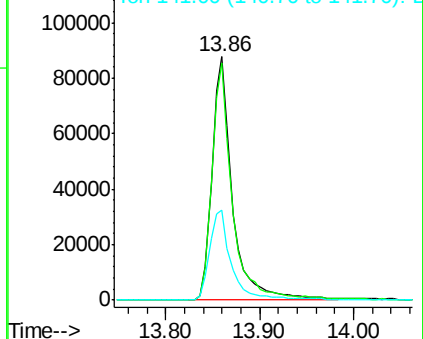
332 97.9 76.6 115.0

141 39.1 31.4 47.2

Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





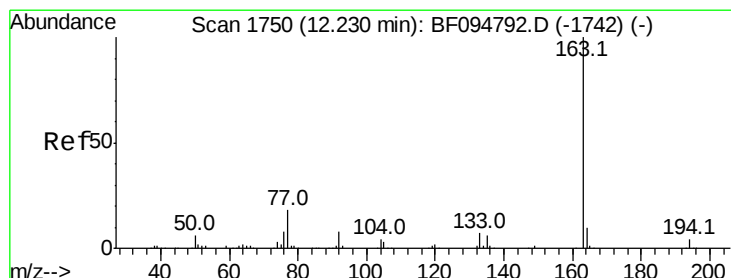
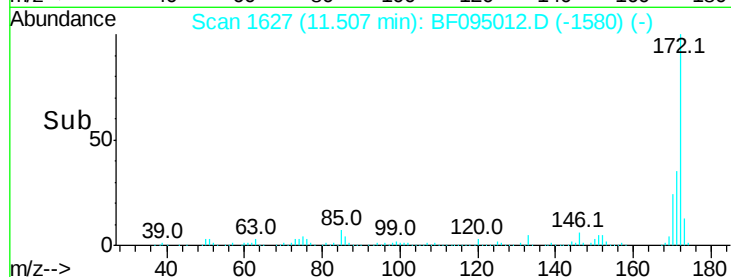
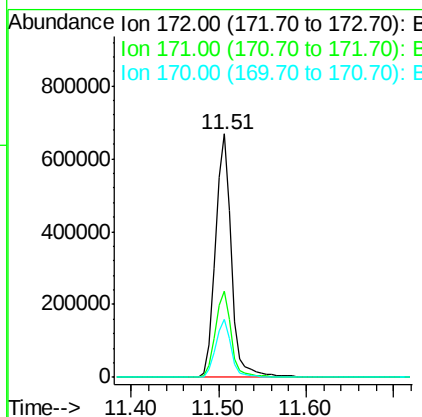
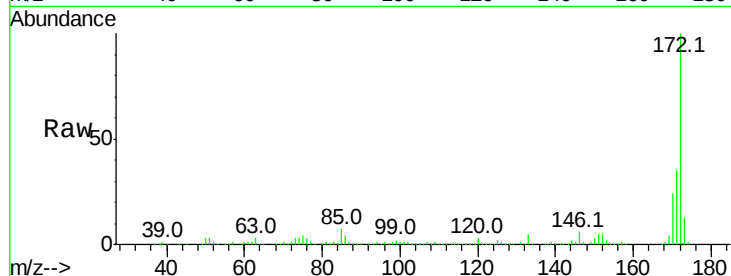
#44
2-Fluorobiphenyl
Concen: 77.04 ng
RT: 11.51 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BF095012.D
Acq: 9 May 2017 8:54

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.6	44.4	
170	23.6	19.8	29.8	

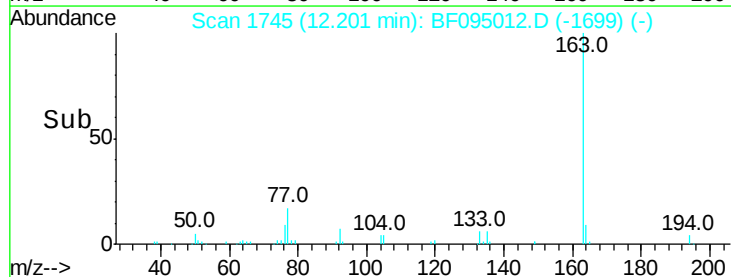
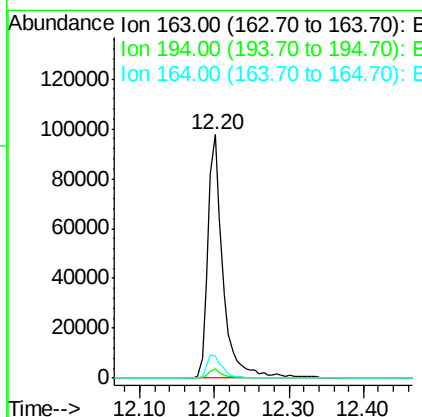
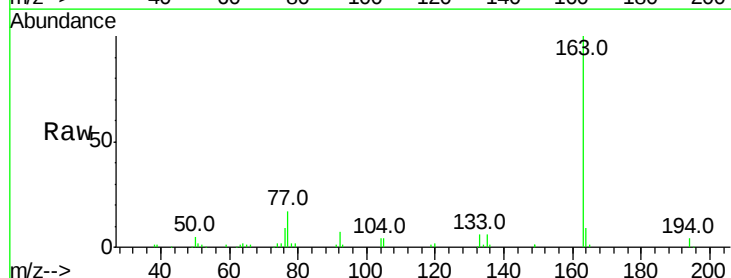
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#49
Dimethylphthalate
Concen: 10.55 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF095012.D
Acq: 9 May 2017 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.6	4.0	
164	9.2	8.4	12.6	





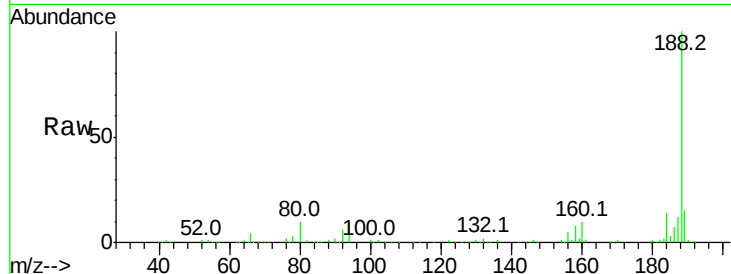
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095012.D
Acq: 9 May 2017 8:54

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

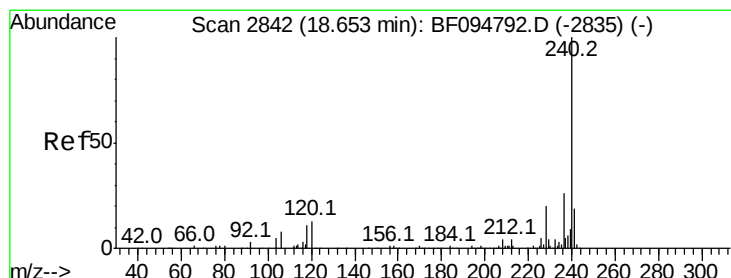
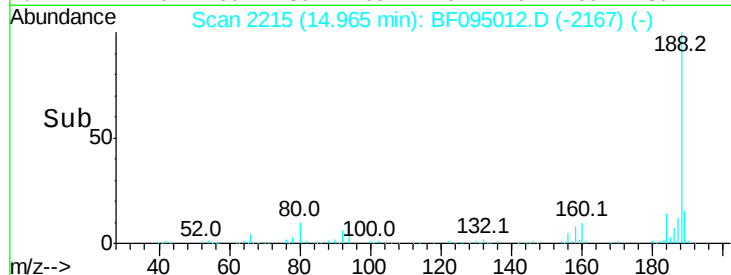
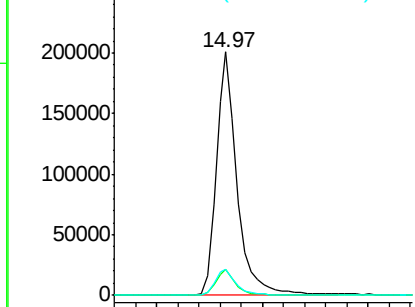
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.4	10.2	15.2

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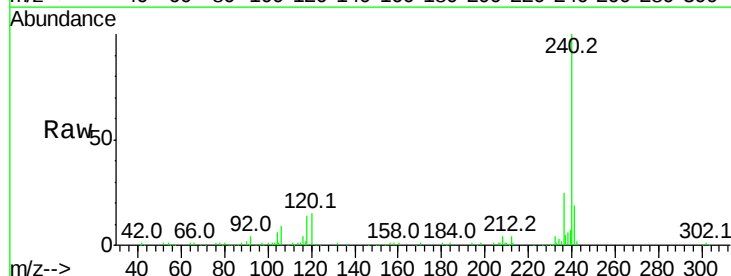


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

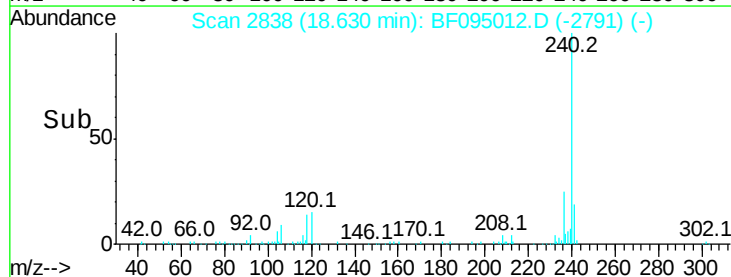
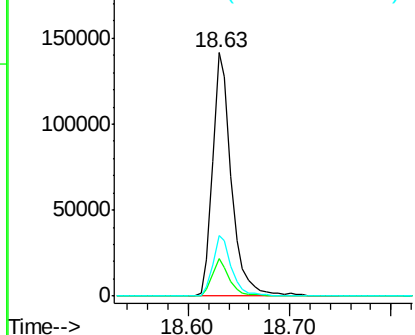


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.02 min
Lab File: BF095012.D
Acq: 9 May 2017 8:54

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	25.1	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





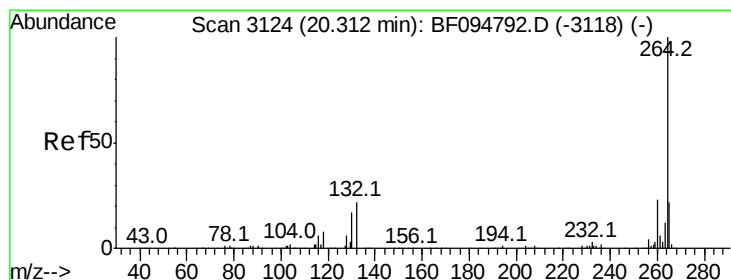
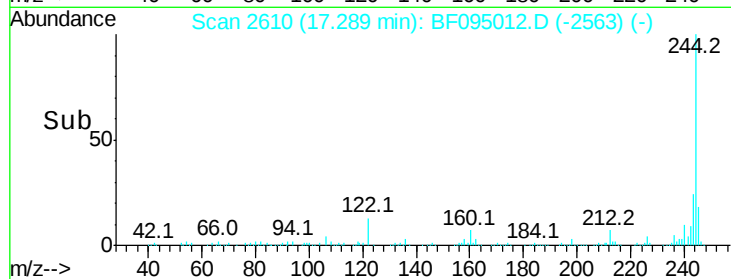
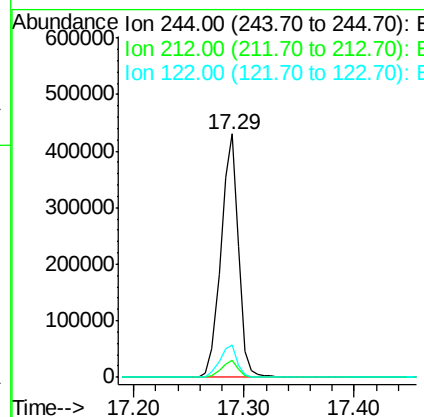
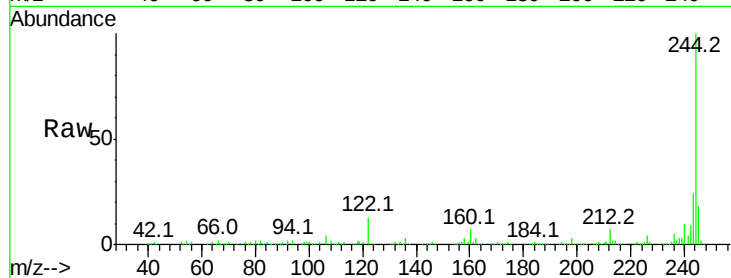
#78
 Terphenyl-d14
 Concen: 56.67 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095012.D
 Acq: 9 May 2017 8:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.4	10.3	15.5

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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: BF095012.D
 Acq: 9 May 2017 8:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	19.8	17.2	25.8

