

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095968.D
 Acq On : 16 Jun 2017 21:54
 Operator : SJ/MA
 Sample : I3724-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RELIABLE-WOOD-RCA

Manual Integrations
 APPROVED

mohammad
 6/19/2017 3:47:37 PM

Quant Time: Jun 17 00:33:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	66258	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	273084	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	122277	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	204484	20.00	ng	0.00
75) Chrysene-d12	18.29	240	138178	20.00	ng	-0.01
86) Perylene-d12	19.96	264	138607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	14668m	3.53	ng	0.14
7) Phenol-d6	6.90	99	260283	52.29	ng	-0.01
23) Nitrobenzene-d5	8.24	82	334978	76.18	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.13	172	672830	76.57	ng	0.00
78) Terphenyl-d14	16.94	244	456007	81.90	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.83	163	133168	14.34	ng	Qvalue 100

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

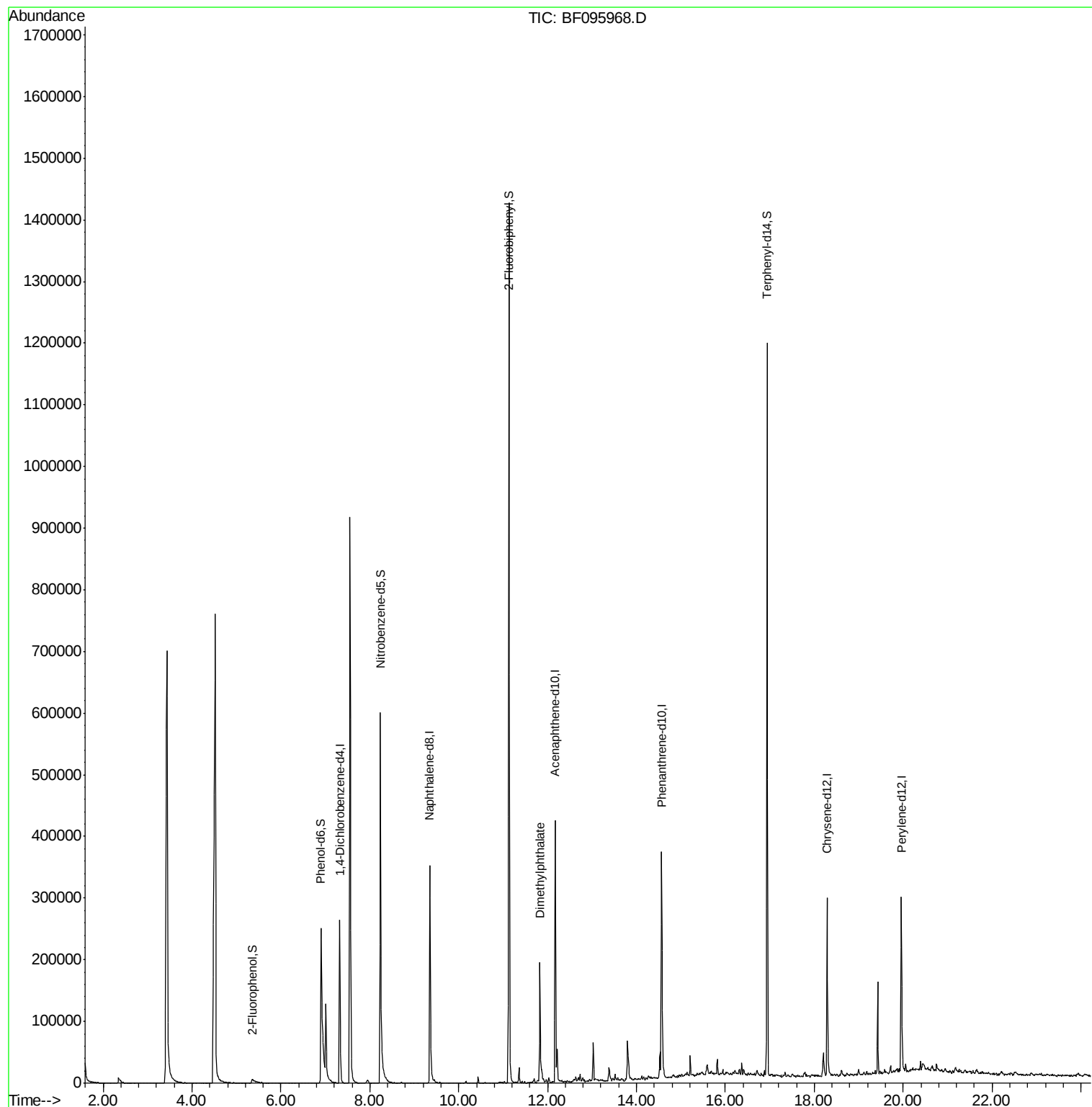
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
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#1

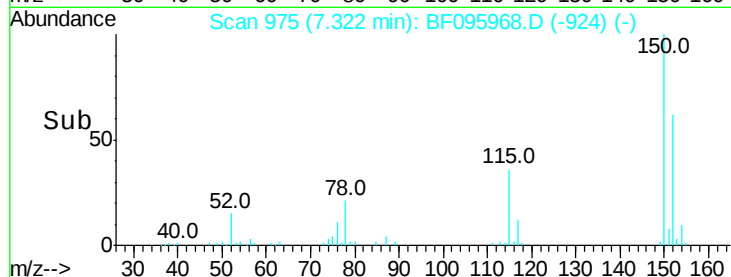
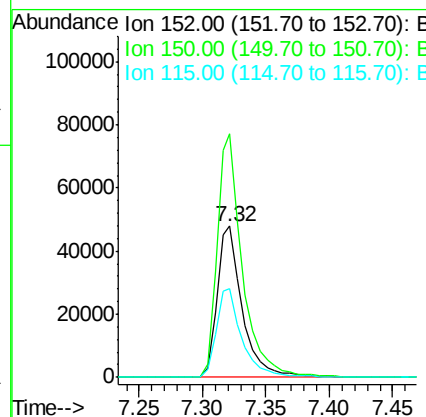
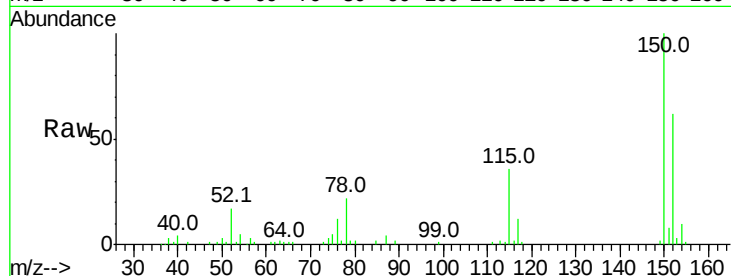
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095968.D
Acq: 16 Jun 2017 21:54

Instrument :
BNA_F
ClientSampleId :
RELIABLE-WOOD-RCA

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.2	189.2
115	58.8	52.2	78.2

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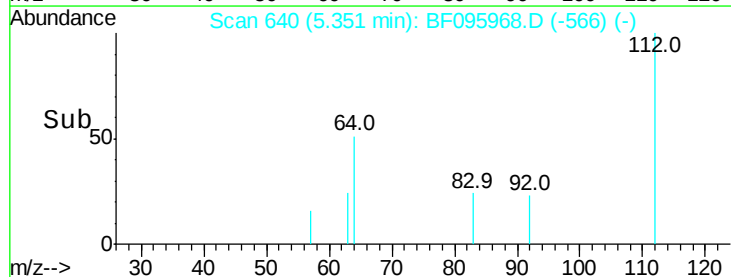
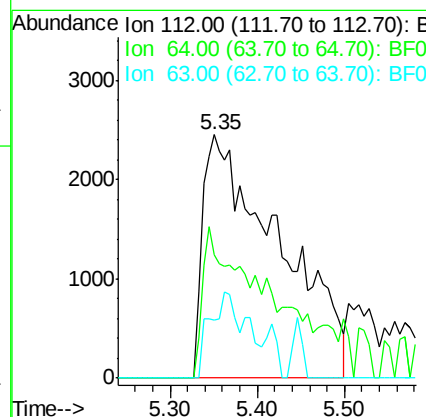
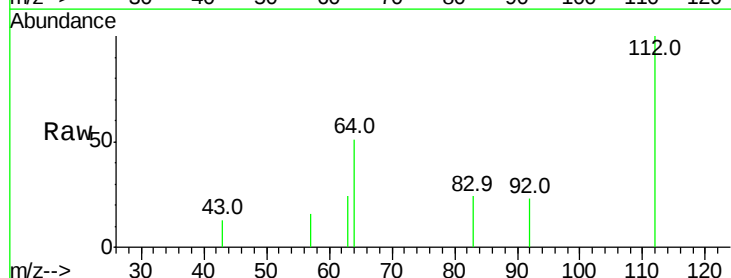
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#5

2-Fluorophenol
Concen: 3.53 ng m
RT: 5.35 min Scan# 640
Delta R.T. 0.14 min
Lab File: BF095968.D
Acq: 16 Jun 2017 21:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.7	46.0	69.0
63	23.6	23.4	35.0





#7

Phenol-d6

Concen: 52.29 ng

RT: 6.90 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095968.D

Acq: 16 Jun 2017 21:54

Instrument :

BNA_F

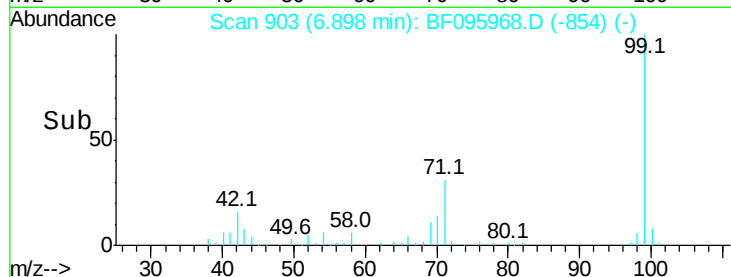
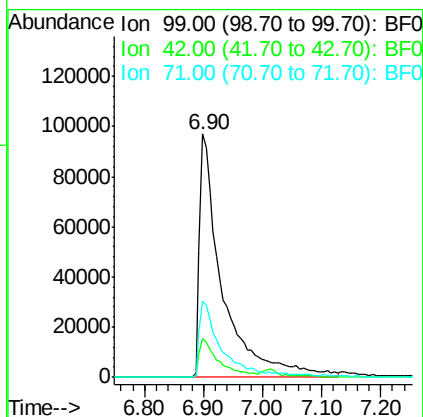
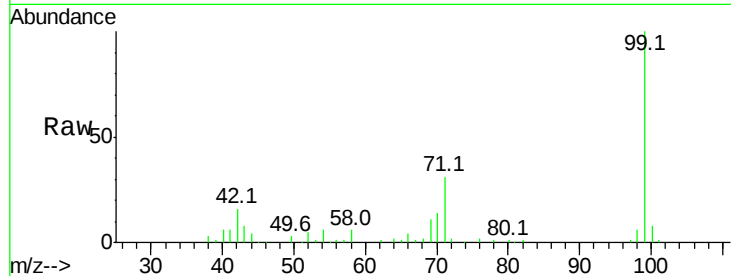
ClientSampleId :

RELIABLE-WOOD-RCA

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		260283		
42	15.7	13.5	20.3		
71	31.4	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

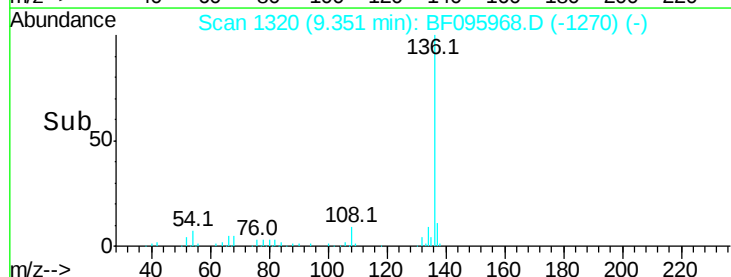
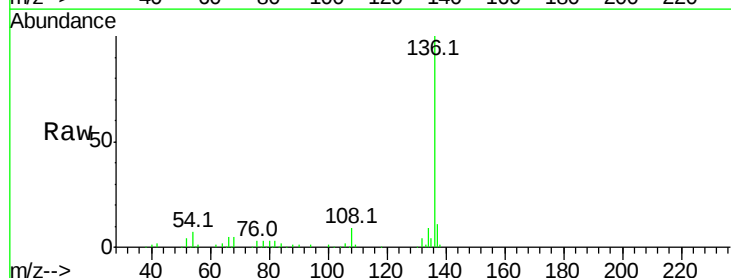
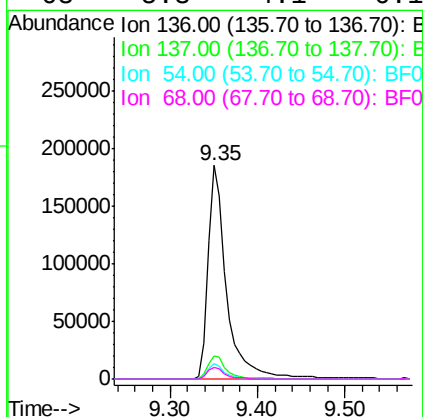
RT: 9.35 min Scan# 1320

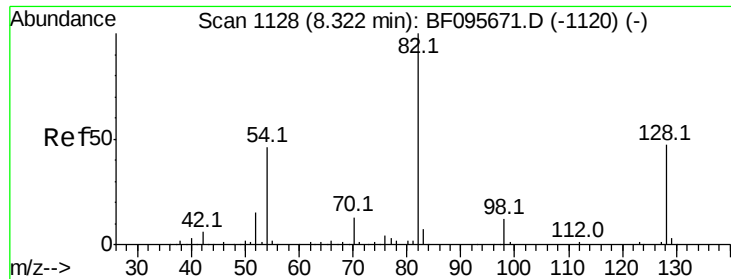
Delta R.T. -0.01 min

Lab File: BF095968.D

Acq: 16 Jun 2017 21:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		273084		
137	11.0	8.5	12.7		
54	7.2	4.9	7.3		
68	5.3	4.1	6.1		





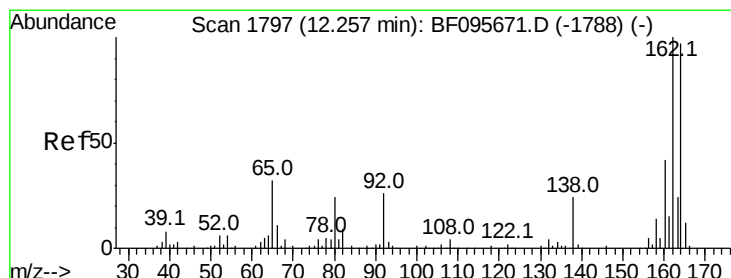
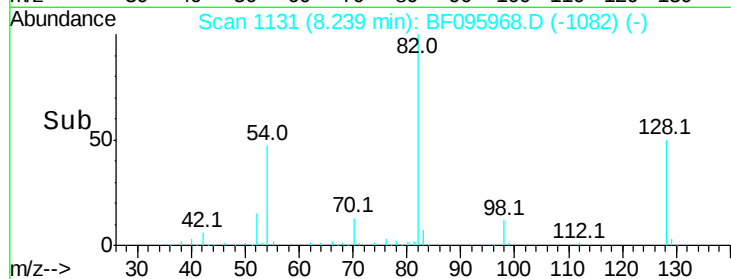
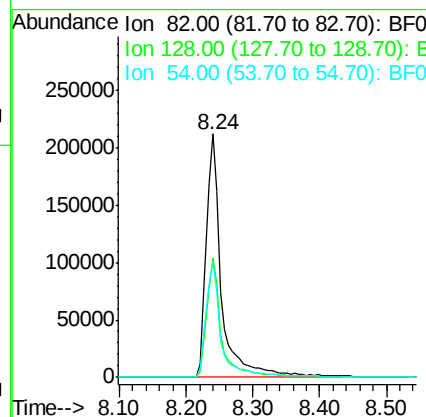
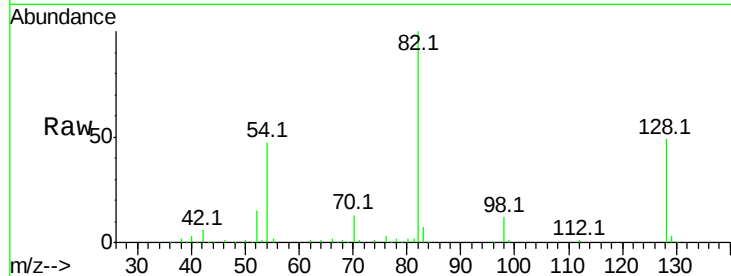
#23
Nitrobenzene-d5
Concen: 76.18 ng
RT: 8.24 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF095968.D
Acq: 16 Jun 2017 21:54

Instrument :
BNA_F
ClientSampleId :
RELIABLE-WOOD-RCA

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.0	51.0
54	47.3	42.2	63.2

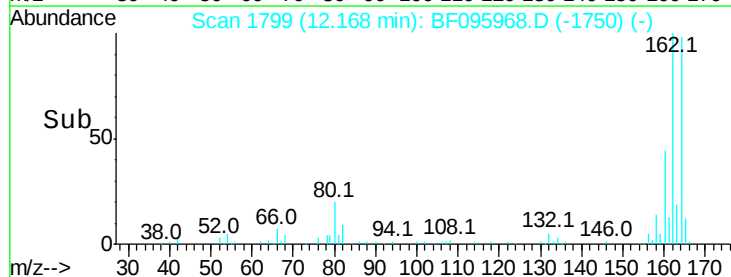
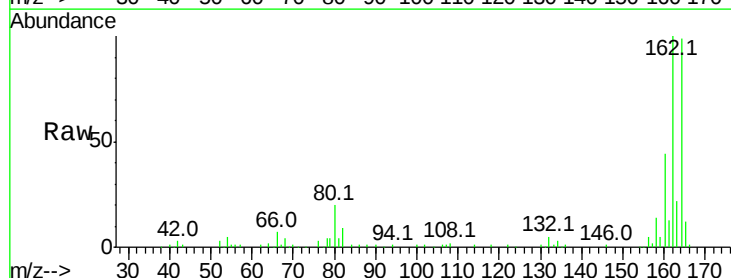
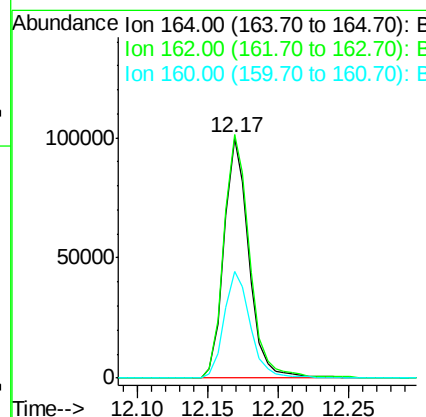
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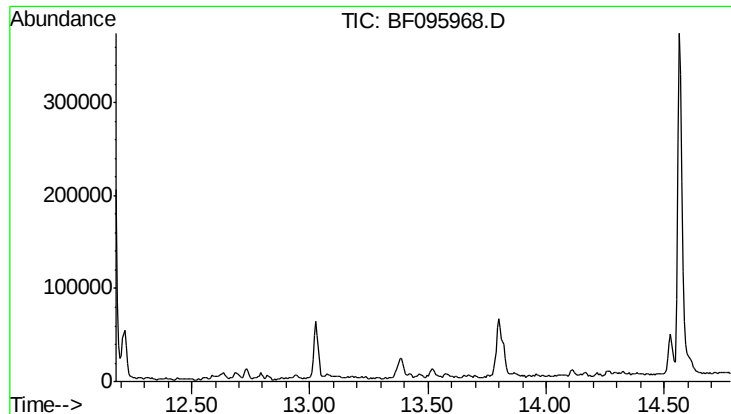
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095968.D
Acq: 16 Jun 2017 21:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	44.7	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 13.48 min

Lab File: BF095968.D

Acq: 16 Jun 2017 21:54

Tot Ion: 330

Sig Exp Ratio

330 100

332 95.8

141 39.3

Instrument :

BNA_F

ClientSampleId :

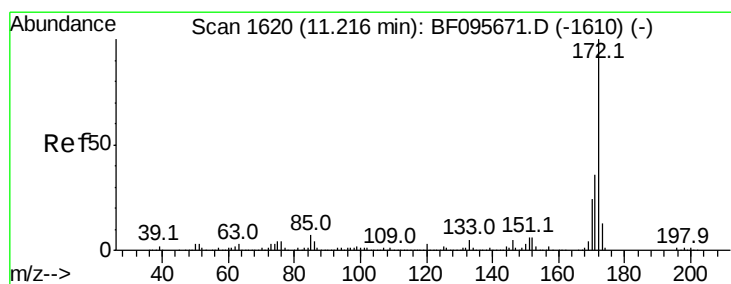
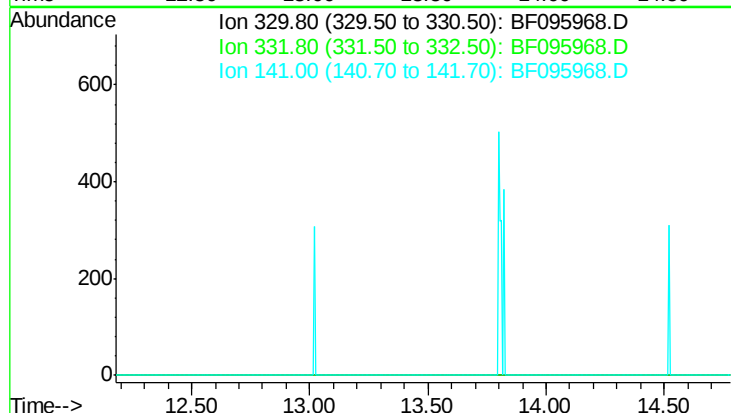
RELIABLE-WOOD-RCA

Manual Integrations

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#44

2-Fluorobiphenyl

Concen: 76.57 ng

RT: 11.13 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF095968.D

Acq: 16 Jun 2017 21:54

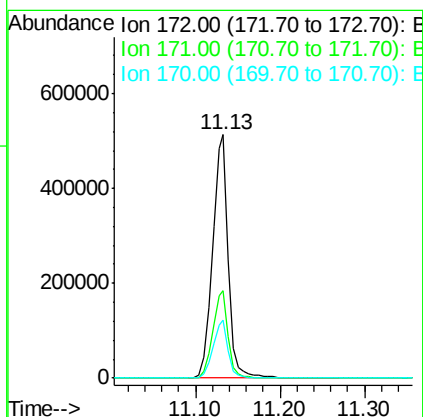
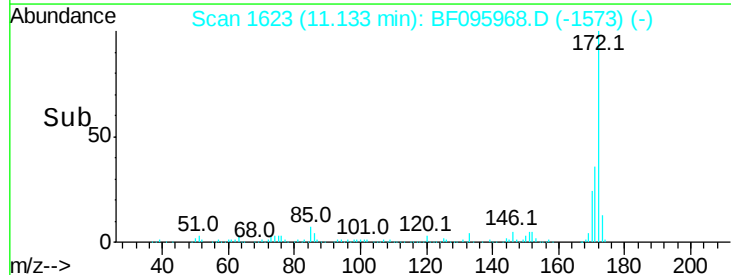
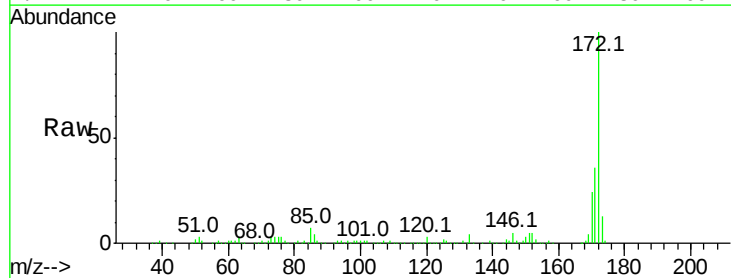
Tgt Ion:172 Resp: 672830

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

170 23.6 19.8 29.8





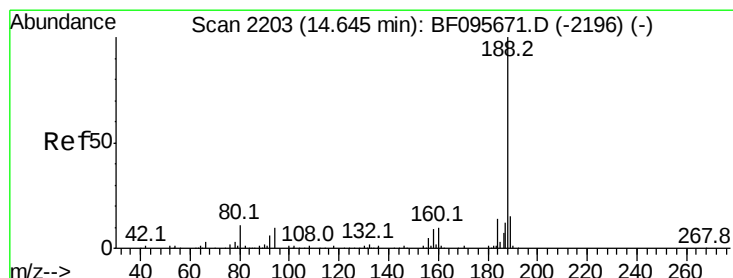
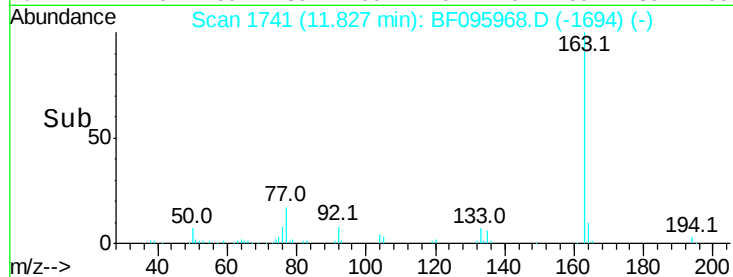
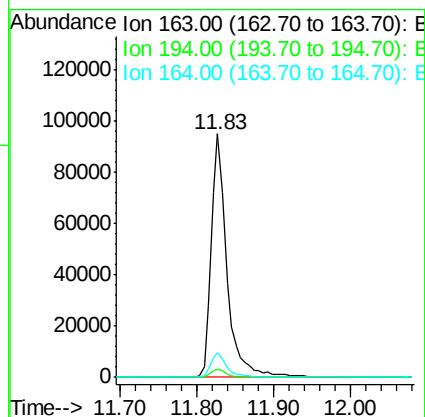
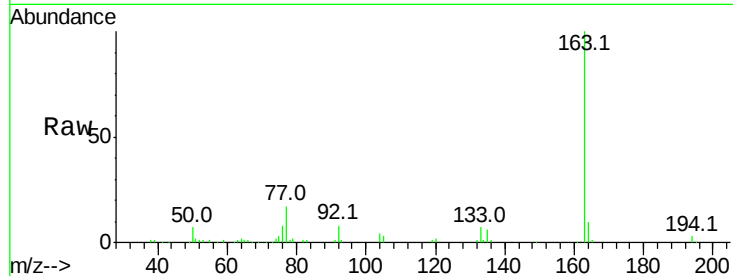
#49
Dimethylphthalate
Concen: 14.34 ng
RT: 11.83 min Scan# 1741
Delta R.T. -0.02 min
Lab File: BF095968.D
Acq: 16 Jun 2017 21:54

Instrument :
BNA_F
ClientSampleId :
RELIABLE-WOOD-RCA

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.3	8.4	12.6	

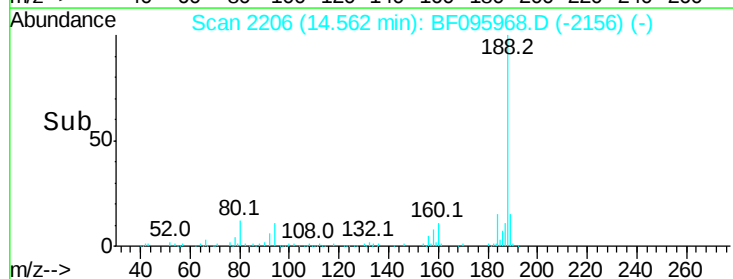
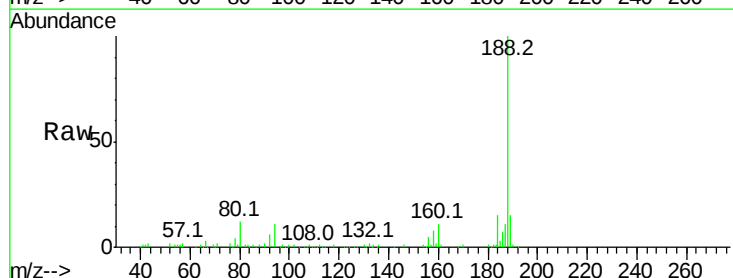
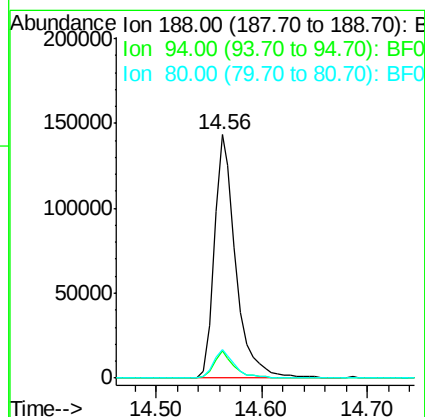
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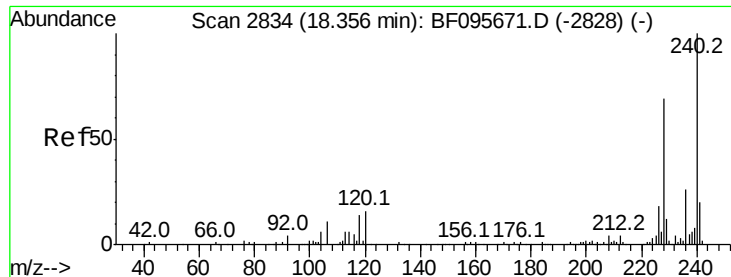
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095968.D
Acq: 16 Jun 2017 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	9.4	14.2	
80	11.7	10.2	15.2	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BF095968.D

Acq: 16 Jun 2017 21:54

Instrument :

BNA_F

ClientSampleId :

RELIABLE-WOOD-RCA

Tot Ion:240 Resp: 138178

Ion Ratio Lower Upper

240 100

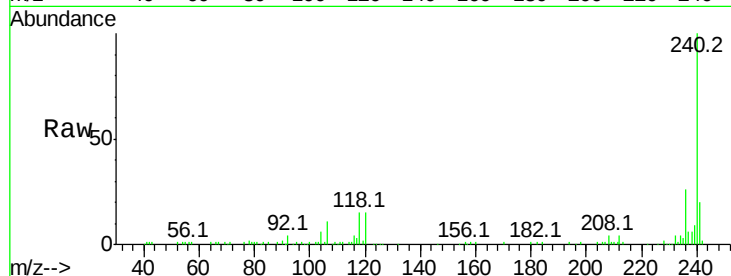
120 15.5 5.8 8.8#

236 25.9 20.5 30.7

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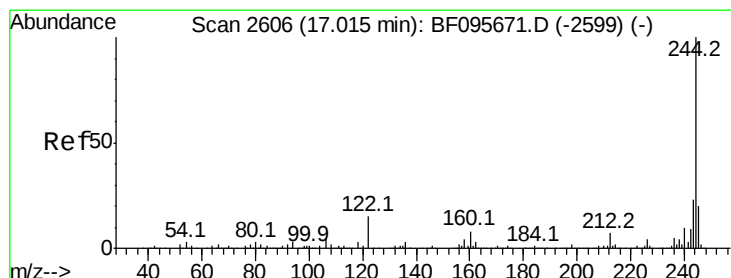
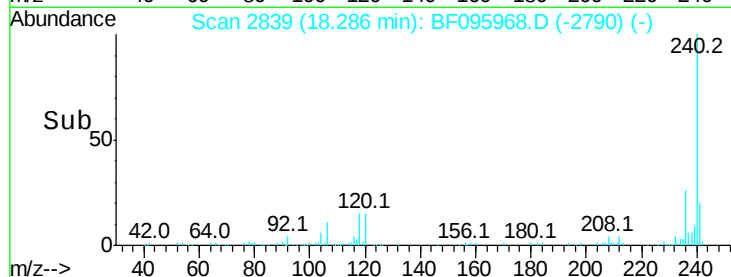
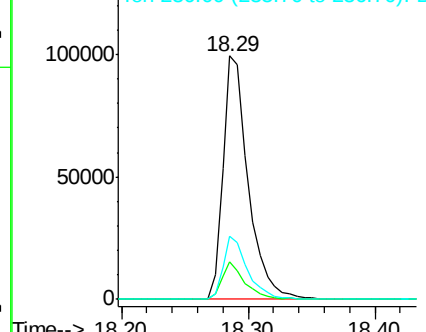
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 81.90 ng

RT: 16.94 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF095968.D

Acq: 16 Jun 2017 21:54

Tgt Ion:244 Resp: 456007

Ion Ratio Lower Upper

244 100

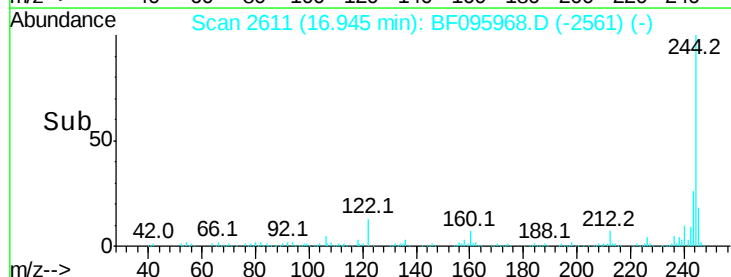
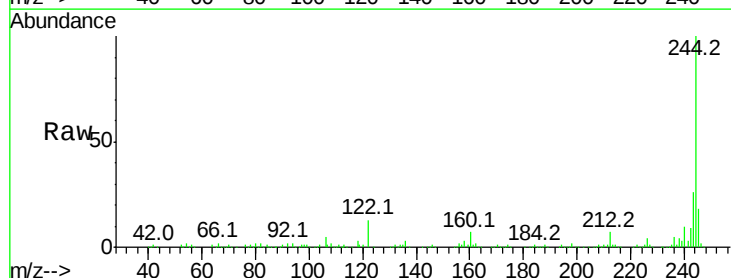
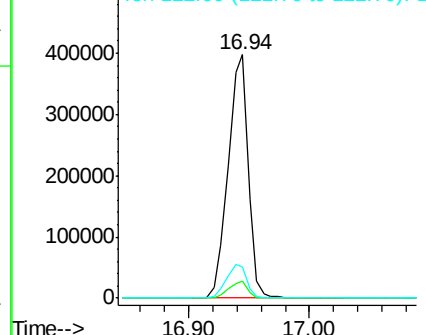
212 6.9 6.0 9.0

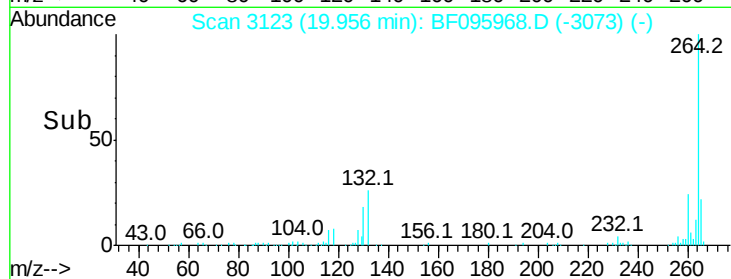
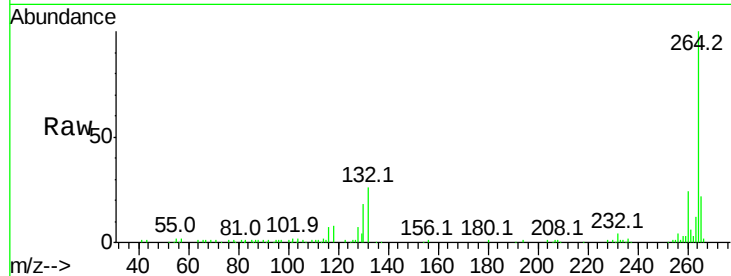
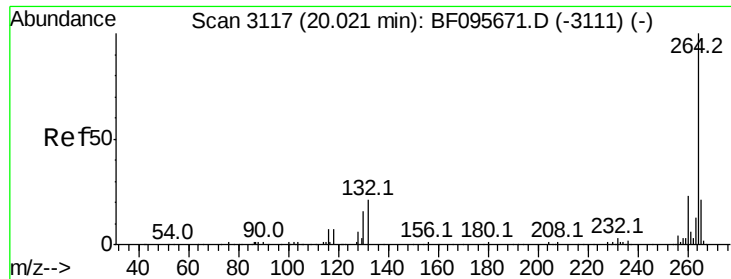
122 12.9 10.3 15.5

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095968.D
 Acq: 16 Jun 2017 21:54

Instrument :
 BNA_F
 ClientSampleId :
 RELIABLE-WOOD-RCA

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.4	17.2	25.8

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