

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095653.D
 Acq On : 3 Jun 2017 1:26
 Operator : SJ/MA
 Sample : I3441-09 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-6789-060117

Manual Integrations
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mohammad
 6/6/2017 8:49:27 AM

Quant Time: Jun 05 05:30:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	91910	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	362638	20.00	ng	0.00
38) Acenaphthene-d10	12.40	164	145493	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	211021	20.00	ng	0.00
75) Chrysene-d12	18.50	240	172797	20.00	ng	0.00
86) Perylene-d12	20.17	264	118099	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	90317	16.38	ng	0.04
7) Phenol-d6	7.12	99	108234	16.36	ng	0.02
23) Nitrobenzene-d5	8.46	82	65447	11.38	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	17646	14.81	ng	0.01
44) 2-Fluorobiphenyl	11.35	172	143804	14.23	ng	0.00
78) Terphenyl-d14	17.14	244	87034	11.09	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	9.60	128	38264	2.10	ng	98
70) Phenanthrene	14.84	178	66527	5.49	ng	97
74) Fluoranthene	16.60	202	41600	3.34	ng	97
77) Pyrene	16.91	202	38419	2.97	ng	95

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

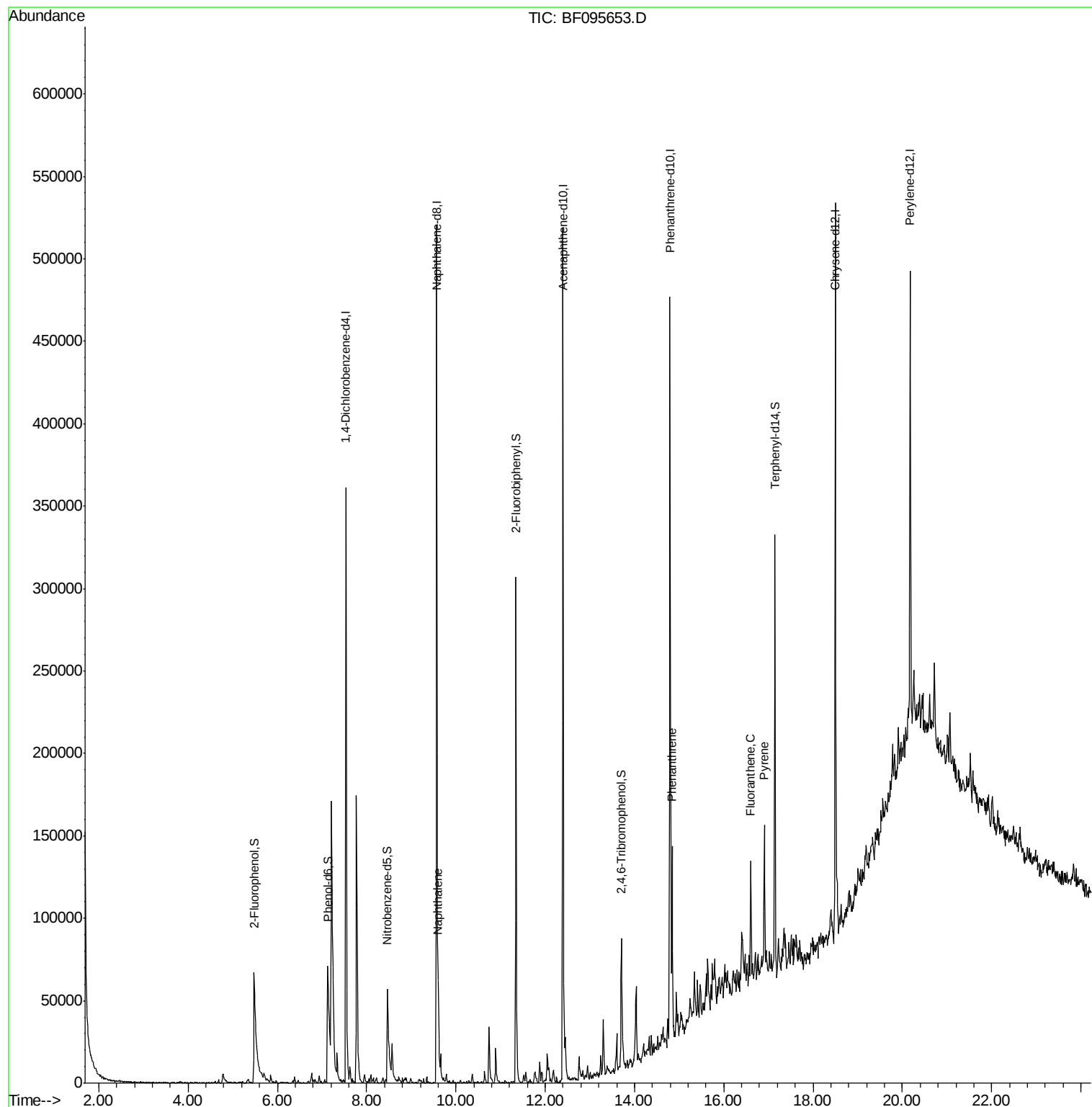
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
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Acq On : 3 Jun 2017 1:26
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Instrument :
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#1

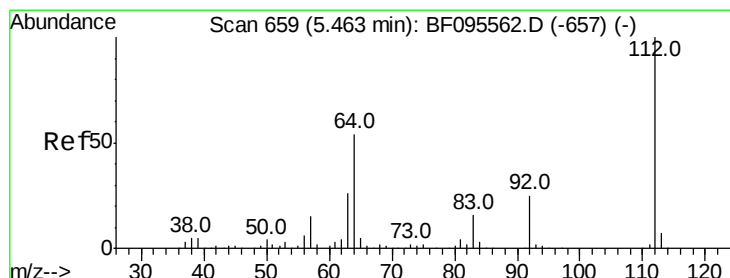
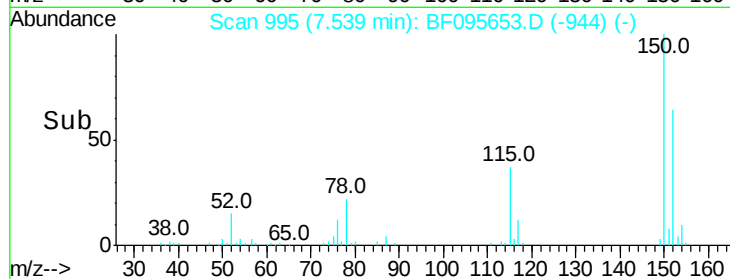
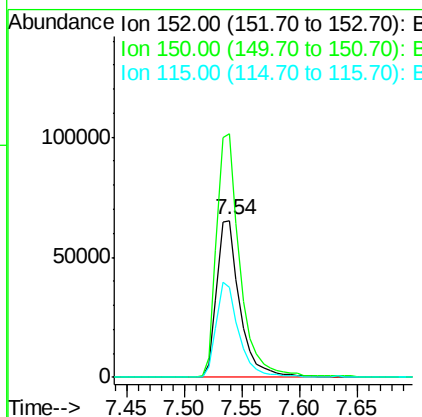
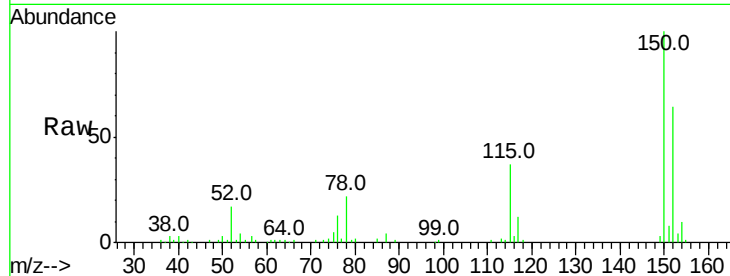
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :
OR-RO-6789-060117

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	57.5	52.2	78.2

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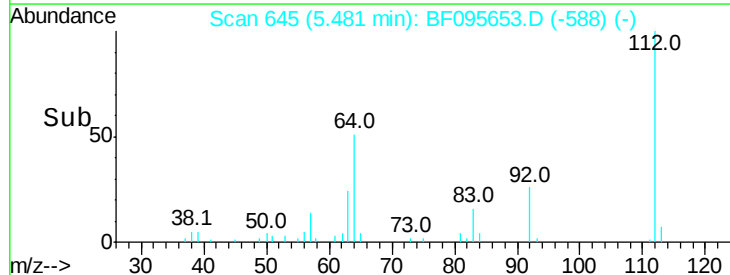
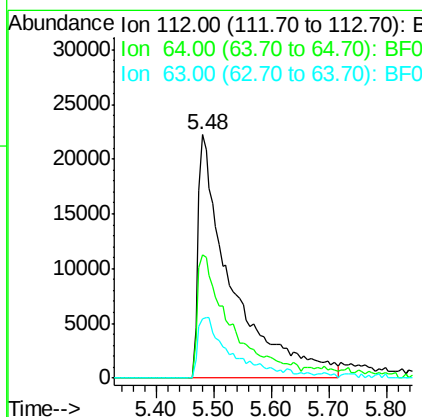
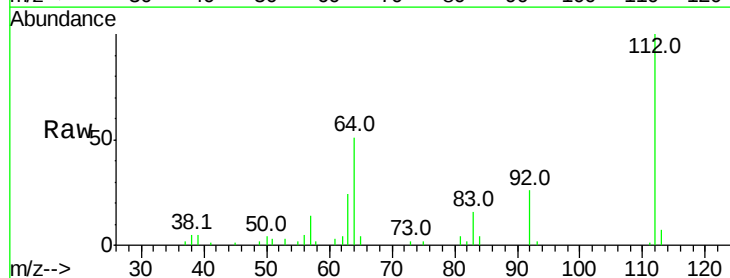
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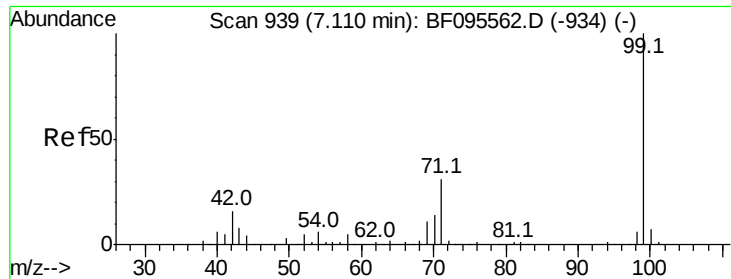


#5

2-Fluorophenol
Concen: 16.38 ng
RT: 5.48 min Scan# 645
Delta R.T. 0.04 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.5	46.0	69.0
63	24.3	23.4	35.0





#7

Phenol-d6

Concen: 16.36 ng

RT: 7.12 min Scan# 924

Delta R.T. 0.02 min

Lab File: BF095653.D

Acq: 3 Jun 2017 1:26

Instrument :

BNA_F

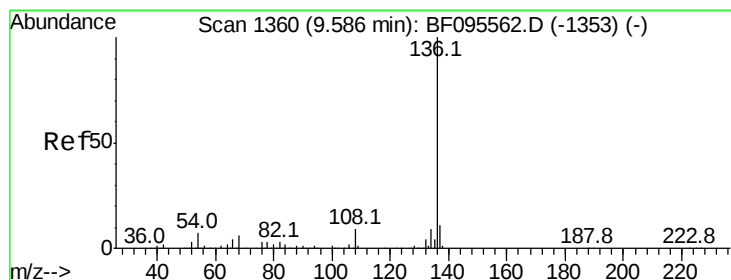
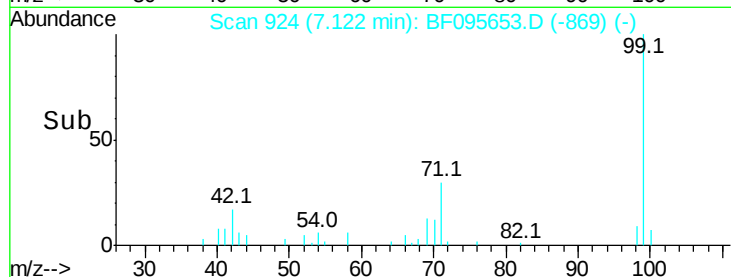
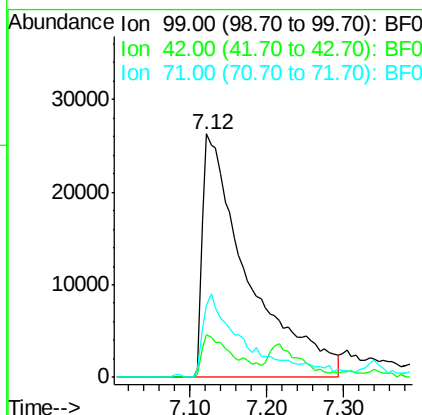
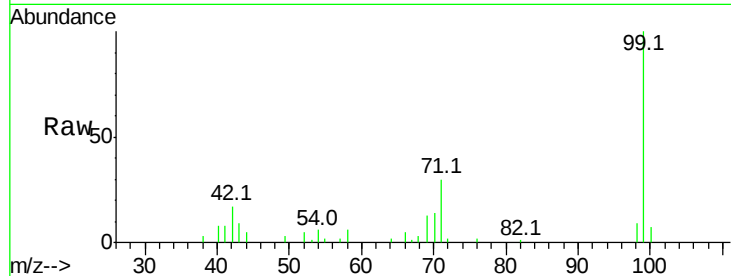
ClientSampleId :

OR-RO-6789-060117

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		108234		
42	17.3	13.5	20.3		
71	29.6	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

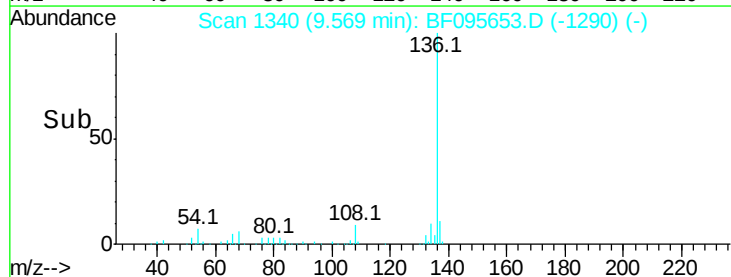
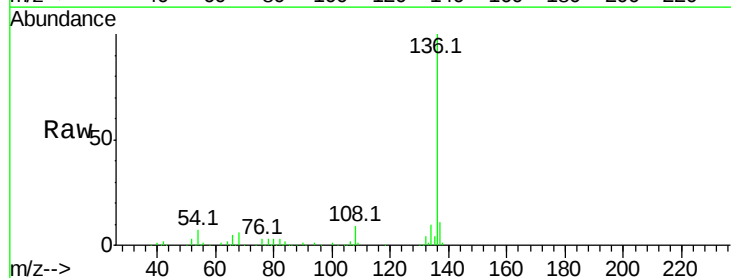
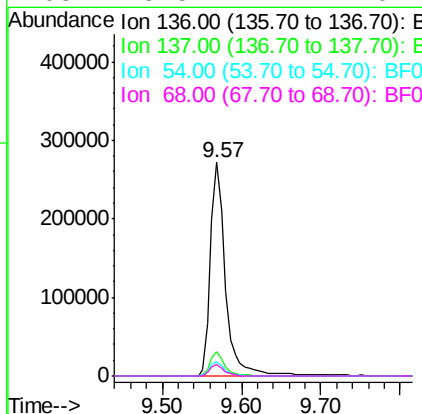
RT: 9.57 min Scan# 1340

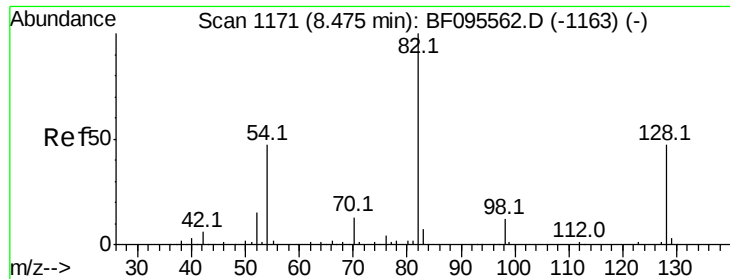
Delta R.T. -0.01 min

Lab File: BF095653.D

Acq: 3 Jun 2017 1:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		362638		
137	11.2	8.5	12.7		
54	6.9	4.9	7.3		
68	5.5	4.1	6.1		





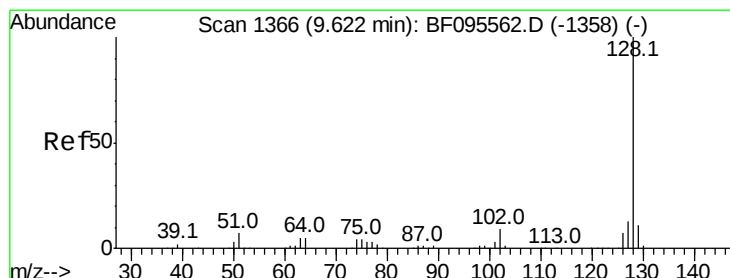
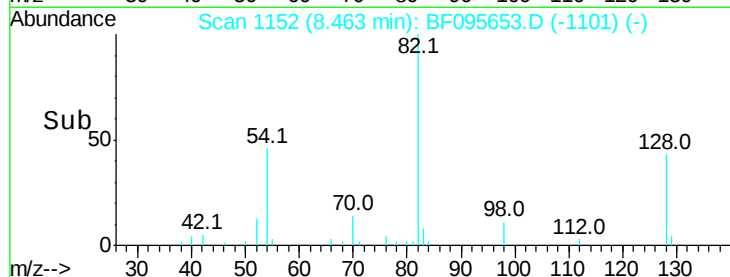
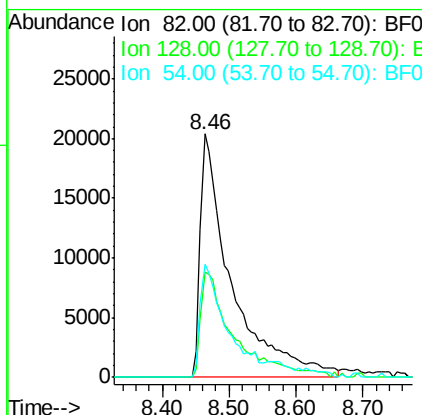
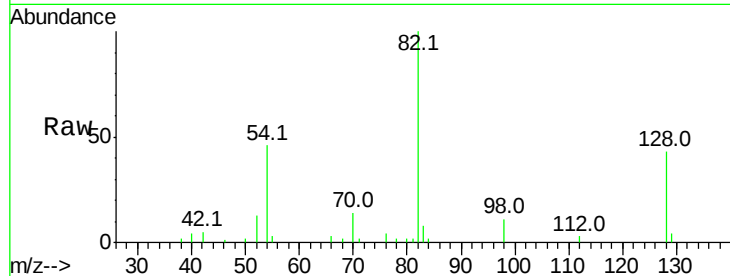
#23
Nitrobenzene-d5
Concen: 11.38 ng
RT: 8.46 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :
OR-RO-6789-060117

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	46.4	42.2	63.2

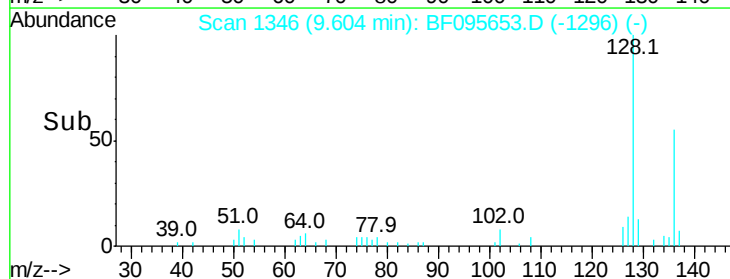
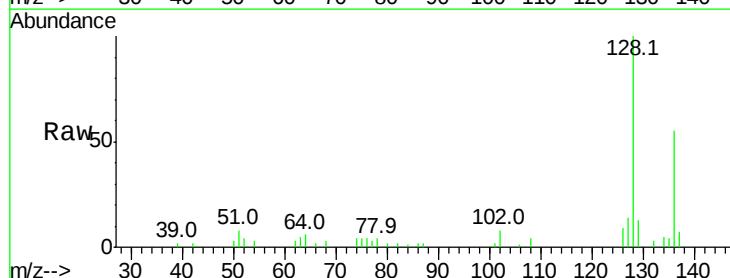
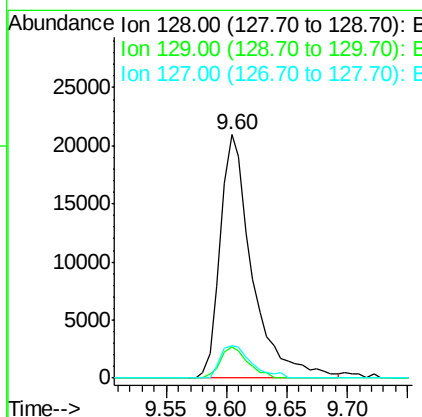
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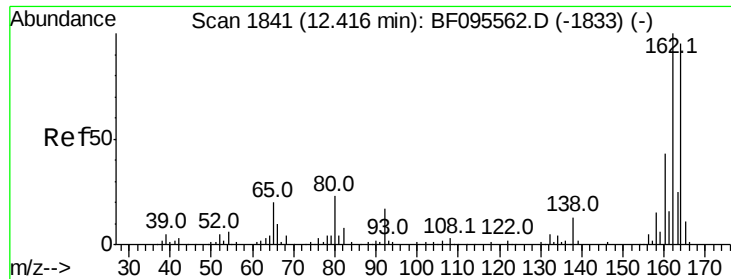
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#31
Naphthalene
Concen: 2.10 ng
RT: 9.60 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.0	13.6
127	13.5	10.8	16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.40 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF095653.D

Acq: 3 Jun 2017 1:26

Instrument :

BNA_F

ClientSampleId :

OR-RO-6789-060117

Tot Ion:164 Resp: 145493

Ion Ratio Lower Upper

164 100

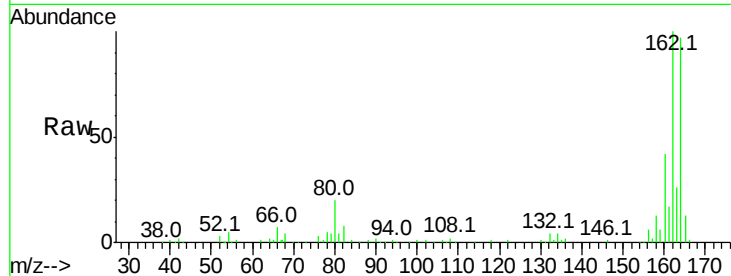
162 102.8 82.6 123.8

160 42.9 36.2 54.2

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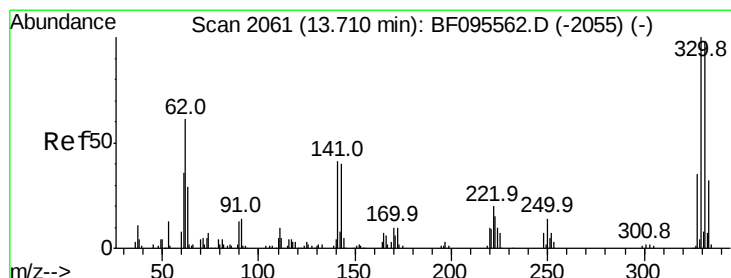
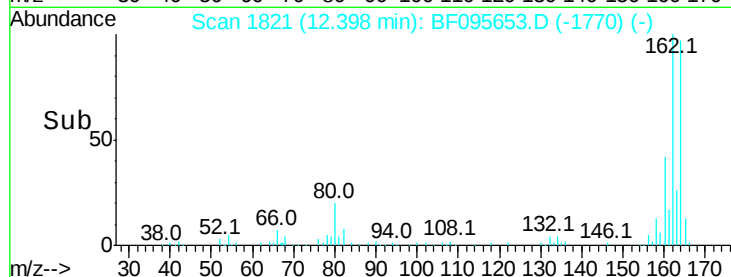
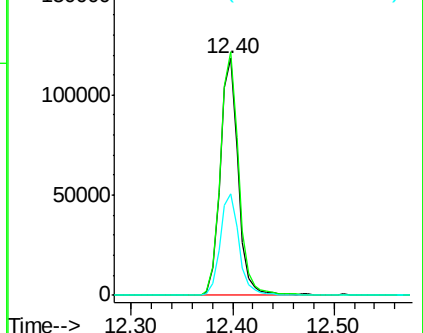
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 14.81 ng

RT: 13.71 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF095653.D

Acq: 3 Jun 2017 1:26

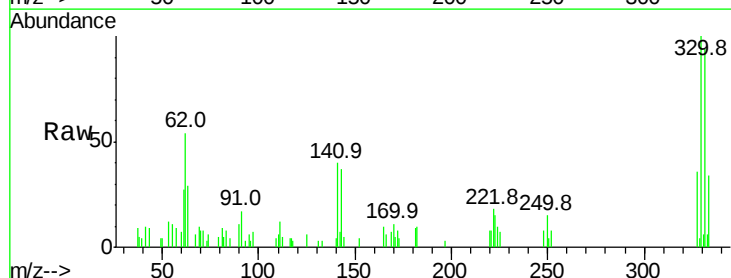
Tgt Ion:330 Resp: 17646

Ion Ratio Lower Upper

330 100

332 92.3 76.6 115.0

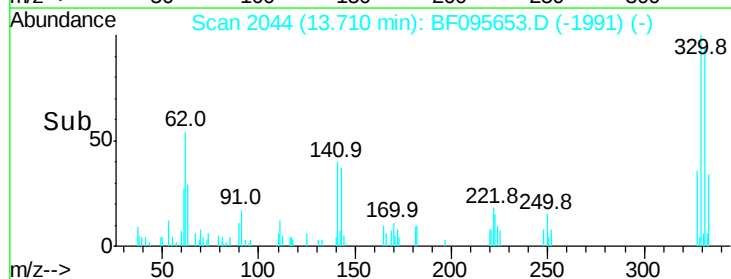
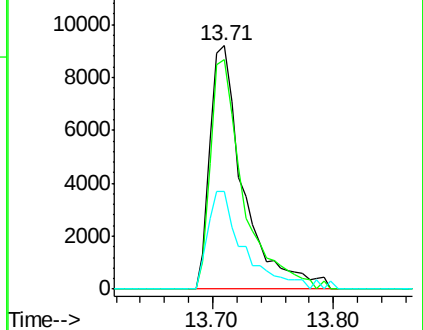
141 42.4 31.4 47.2

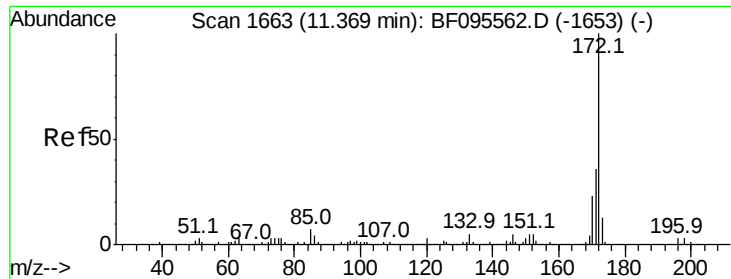


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





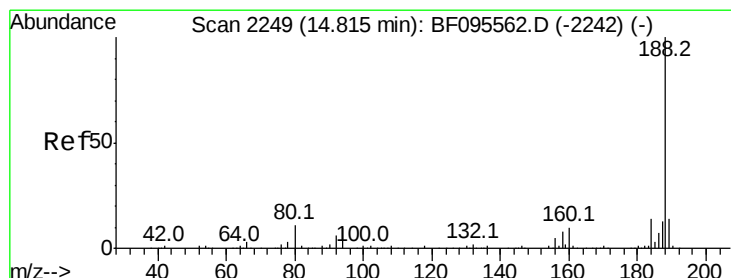
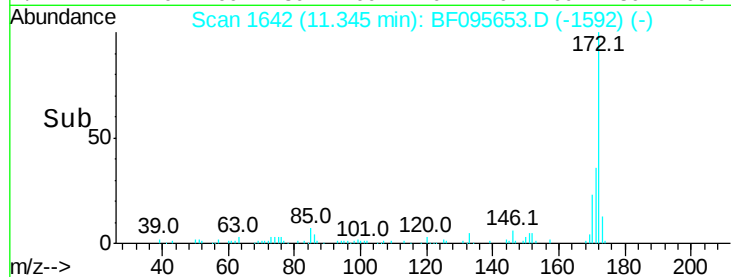
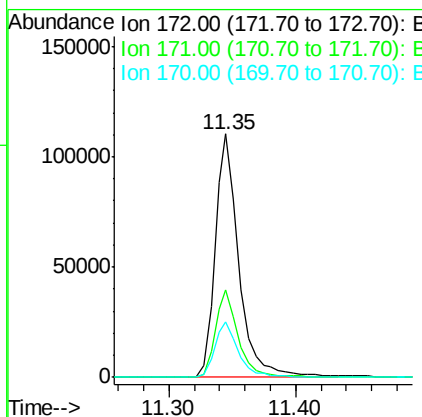
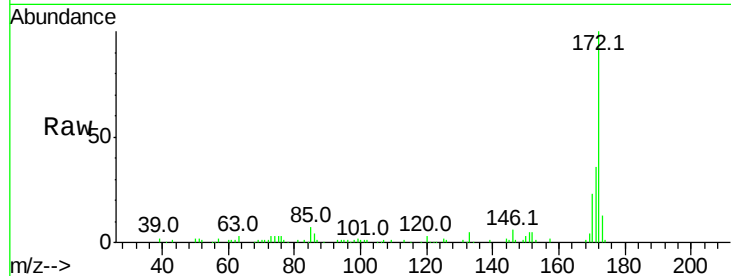
#44
2-Fluorobiphenyl
Concen: 14.23 ng
RT: 11.35 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :
OR-RO-6789-060117

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.6	44.4	
170	22.5	19.8	29.8	

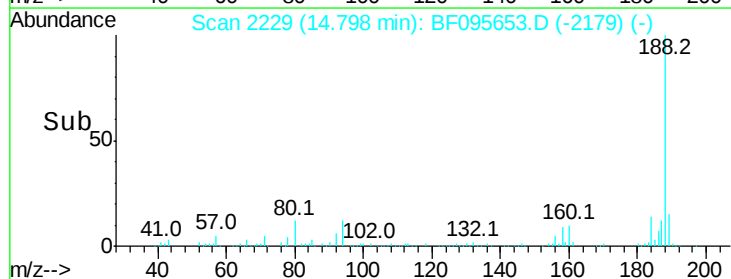
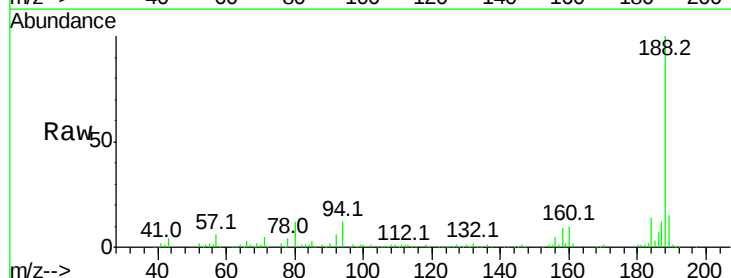
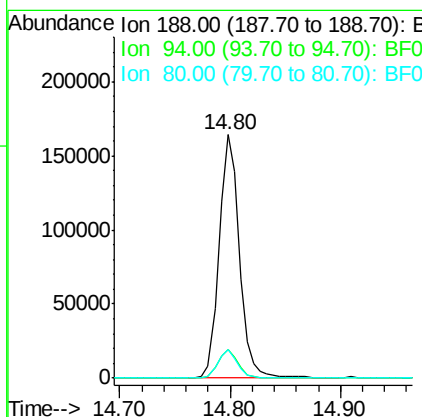
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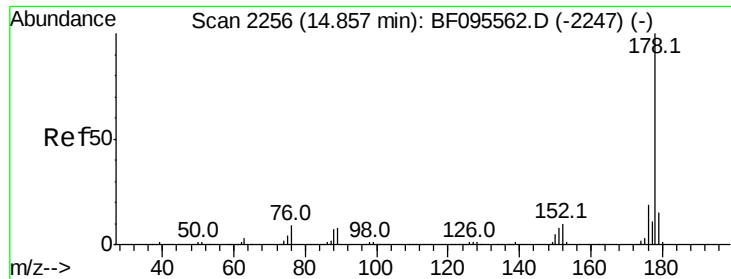
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

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





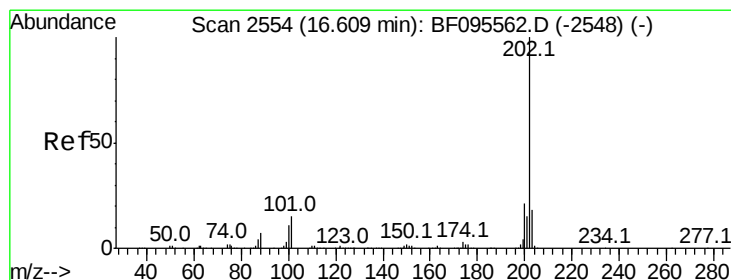
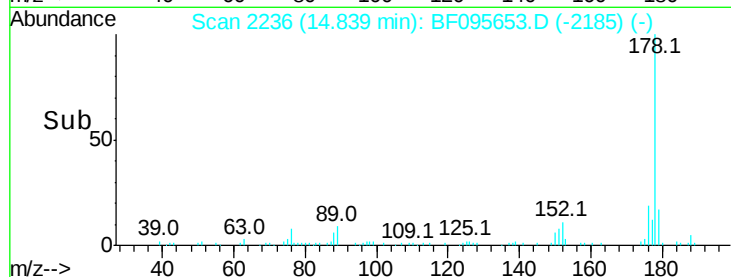
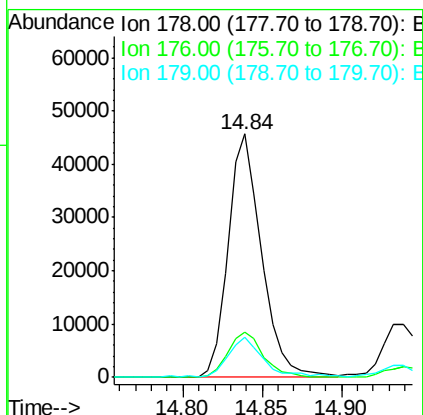
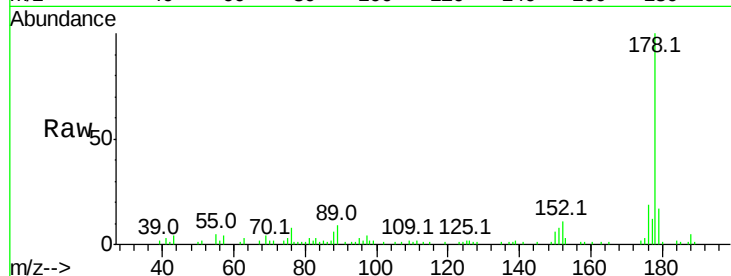
#70
Phenanthrene
Concen: 5.49 ng
RT: 14.84 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Instrument :
BNA_F
ClientSampleId :
OR-RO-6789-060117

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	16.5	12.6	19.0

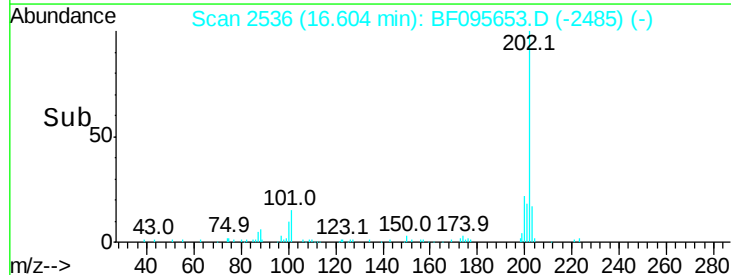
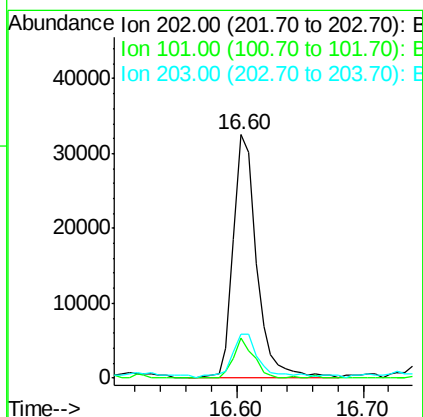
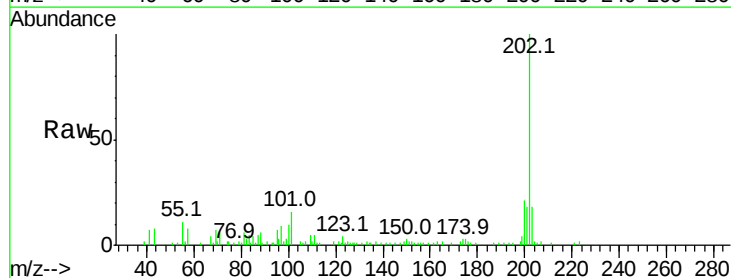
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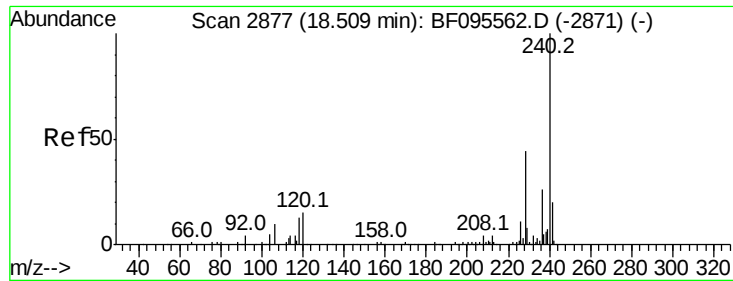
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#74
Fluoranthene
Concen: 3.34 ng
RT: 16.60 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF095653.D
Acq: 3 Jun 2017 1:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	33.2
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.50 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BF095653.D

Acq: 3 Jun 2017 1:26

Instrument :

BNA_F

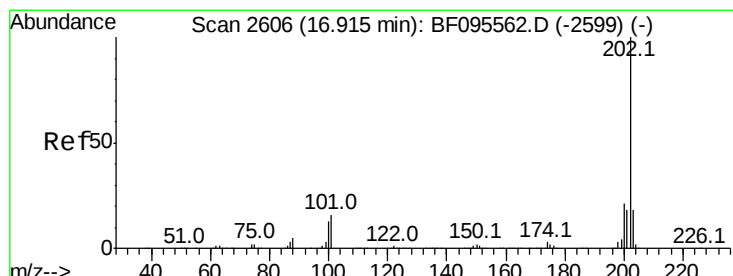
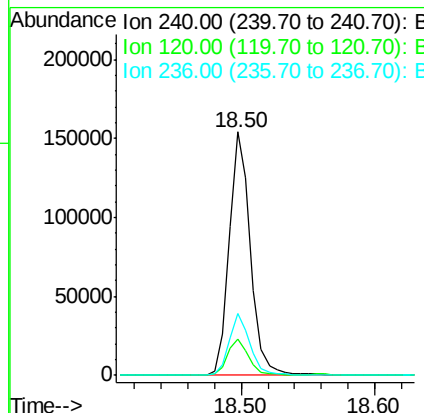
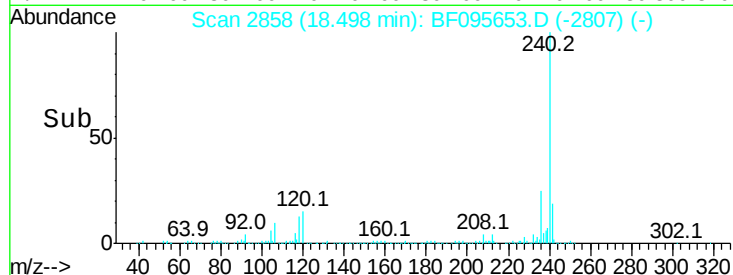
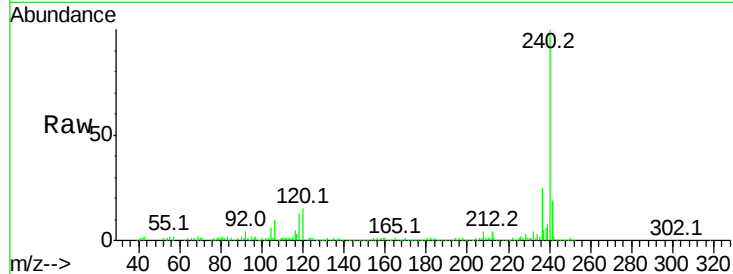
ClientSampleId :

OR-RO-6789-060117

Tot Ion:	240	Resp:	172797
Ion Ratio	Lower	Upper	
240	100		
120	14.9	5.8	8.8#
236	25.3	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 2.97 ng

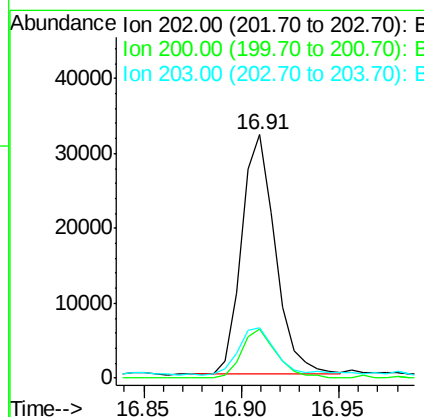
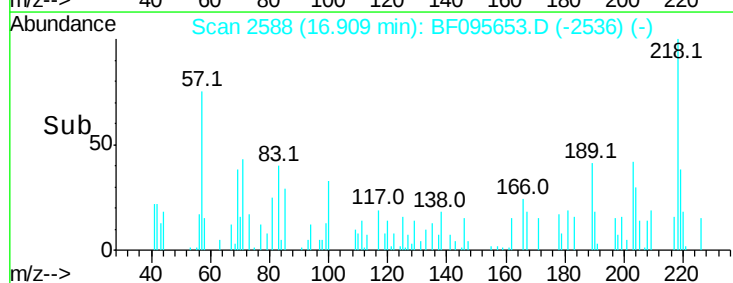
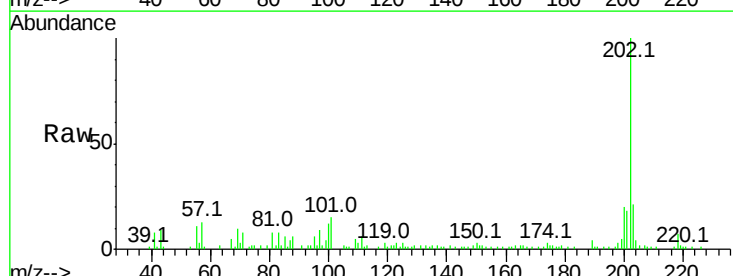
RT: 16.91 min Scan# 2588

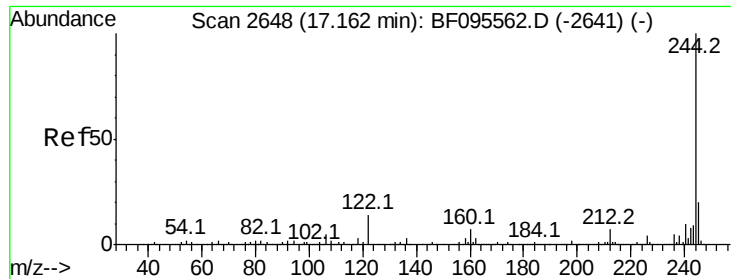
Delta R.T. 0.01 min

Lab File: BF095653.D

Acq: 3 Jun 2017 1:26

Tgt Ion:	202	Resp:	38419
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.6	26.4
203	20.8	14.4	21.6





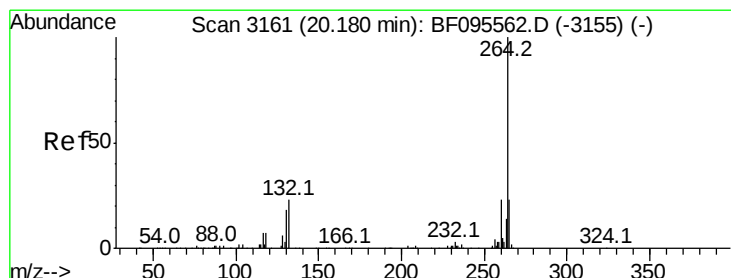
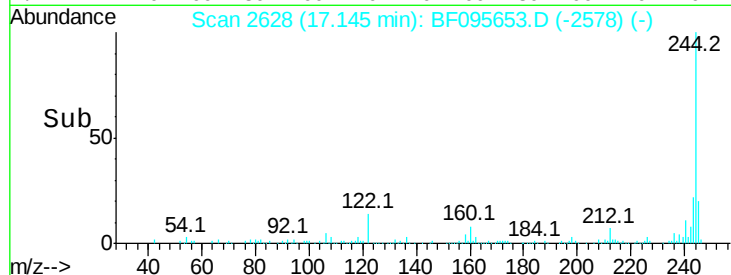
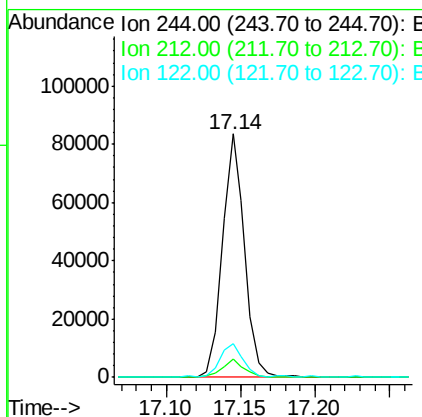
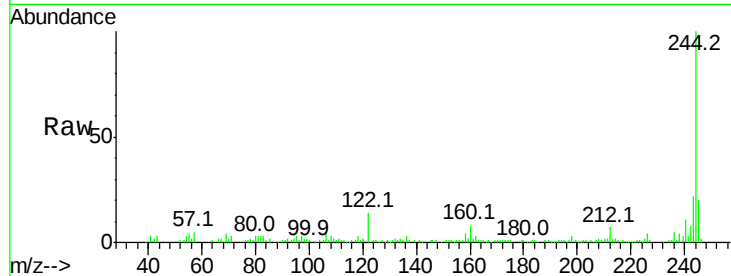
#78
 Terphenyl-d14
 Concen: 11.09 ng
 RT: 17.14 min Scan# 2628
 Delta R.T. -0.01 min
 Lab File: BF095653.D
 Acq: 3 Jun 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :
 OR-RO-6789-060117

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.8	10.3	15.5

Manual Integrations
 APPROVED

mohammad
 6/6/2017 8:49:27 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.17 min Scan# 3143
 Delta R.T. 0.01 min
 Lab File: BF095653.D
 Acq: 3 Jun 2017 1:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.3	17.2	25.8

