

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
 Data File : BF095692.D
 Acq On : 6 Jun 2017 1:22
 Operator : SJ/MA
 Sample : I3466-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-RO-4672-060217

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Quant Time: Jun 06 03:05:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	92528	20.00	ng	0.00
21) Naphthalene-d8	9.43	136	355884	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	148649	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	229549	20.00	ng	0.00
75) Chrysene-d12	18.35	240	205346	20.00	ng	0.00
86) Perylene-d12	20.02	264	154026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	612658	105.51	ng	0.00
7) Phenol-d6	6.95	99	714119	102.73	ng	0.00
23) Nitrobenzene-d5	8.31	82	448533	78.27	ng	0.00
41) 2,4,6-Tribromophenol	13.54	330	110874	84.30	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	755974	70.77	ng	0.00
78) Terphenyl-d14	17.01	244	446627	53.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.90	163	163909	14.523	ng	Qvalue 99
70) Phenanthrene	14.68	178	120285	9.082	ng	97
74) Fluoranthene	16.45	202	86619	6.607	ng	98
77) Pyrene	16.76	202	93280	6.088	ng	97
80) Benzo(a)anthracene	18.34	228	36275	3.038	ng	95
82) Chrysene	18.38	228	38196m	3.201	ng	
87) Benzo(b)fluoranthene	19.62	252	27054m	2.805	ng	
89) Benzo(a)pyrene	19.96	252	22597	2.549	ng	# 91

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

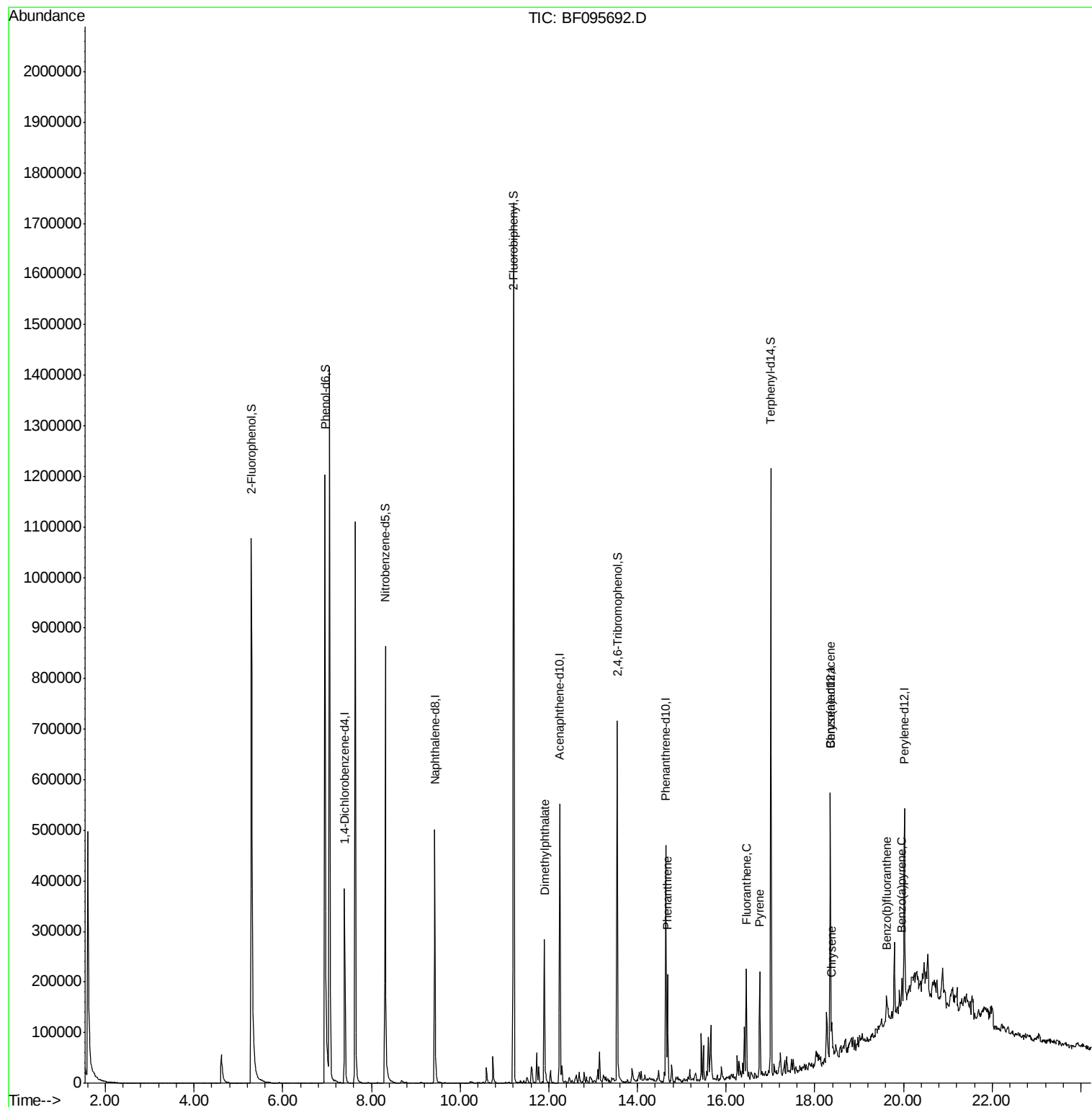
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
Data File : BF095692.D
Acq On : 6 Jun 2017 1:22
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ALS Vial : 17 Sample Multiplier: 1

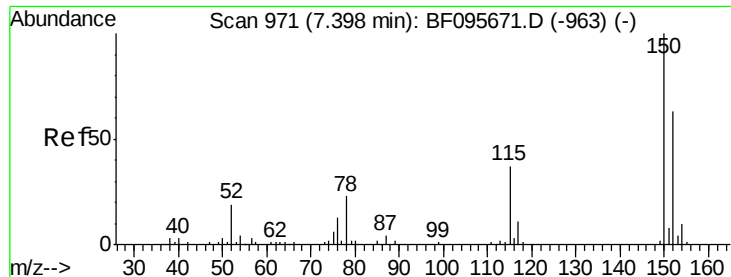
Instrument :
BNA_F
ClientSampleId :
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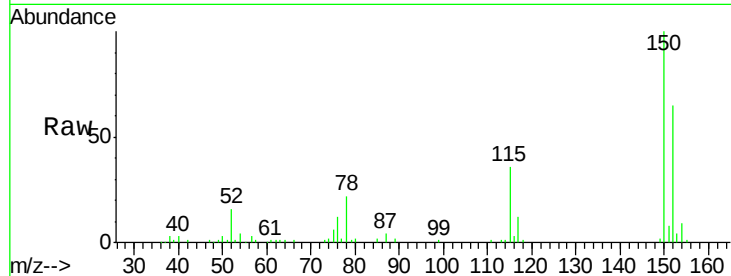
Quant Time: Jun 06 03:05:59 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.40 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF095692.D
 Acq: 6 Jun 2017 1:22

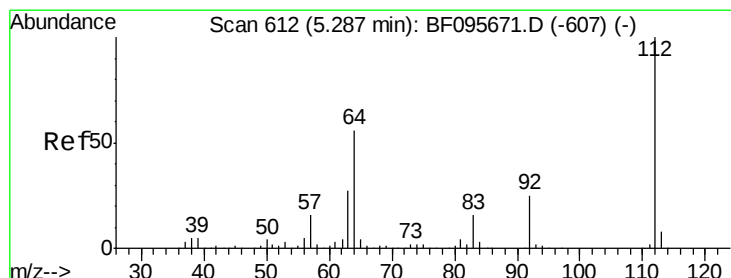
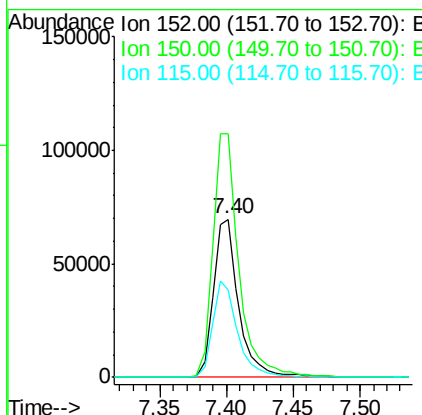
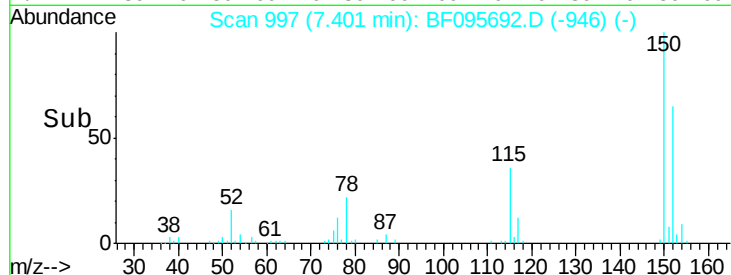
Instrument :
 BNA_F
 ClientSampleId :
 SU-RO-4672-060217



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.2
115	55.7	52.2	78.2

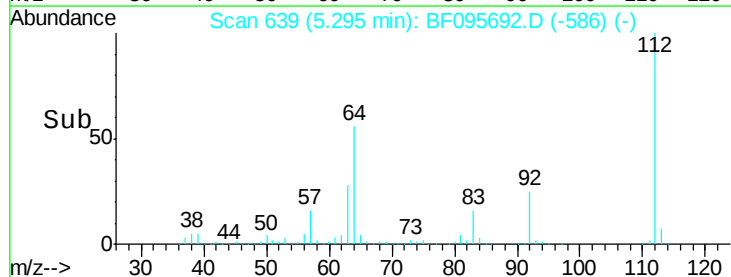
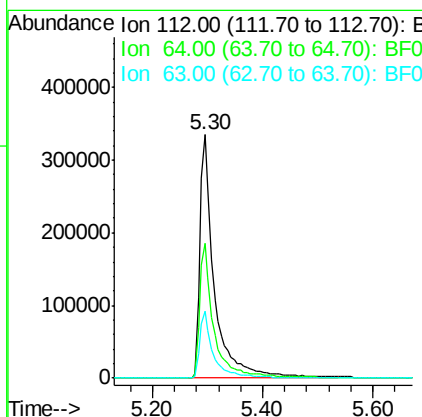
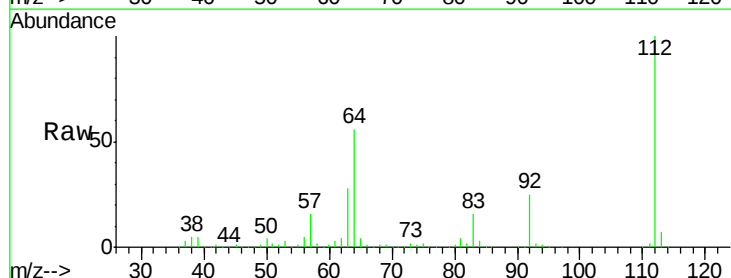
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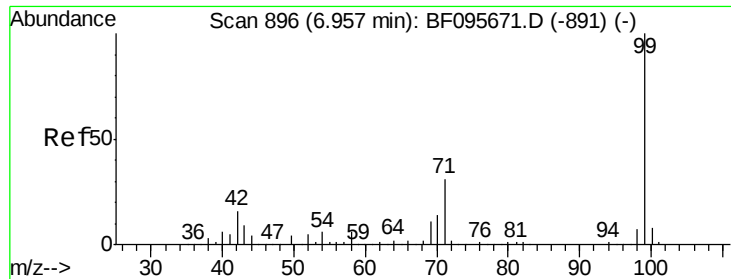
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#5
 2-Fluorophenol
 Concen: 105.508 ng
 RT: 5.30 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: BF095692.D
 Acq: 6 Jun 2017 1:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.0	69.0
63	27.5	23.4	35.0





#7

Phenol-d6

Concen: 102.726 ng

RT: 6.95 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF095692.D

Acq: 6 Jun 2017 1:22

Instrument :

BNA_F

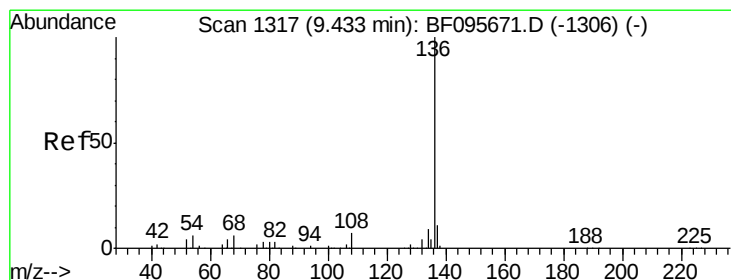
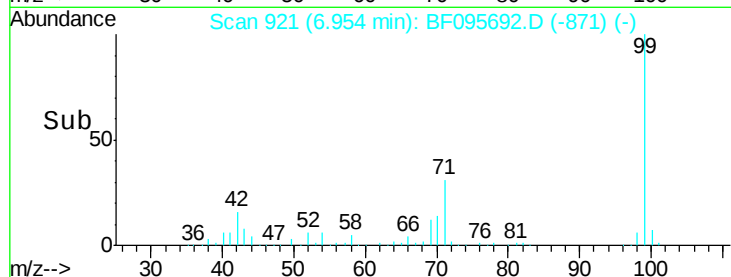
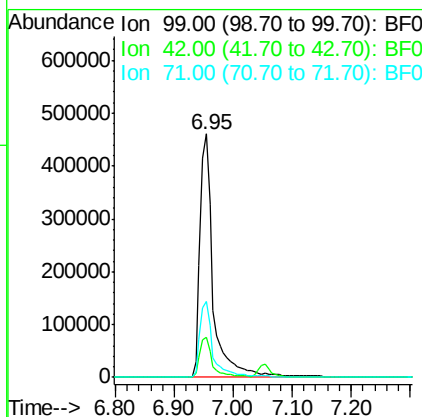
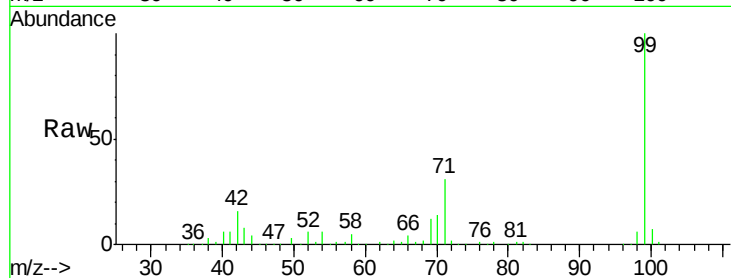
ClientSampleId :

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Tgt Ion:	99	Resp:	714119
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.5	20.3
71	31.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

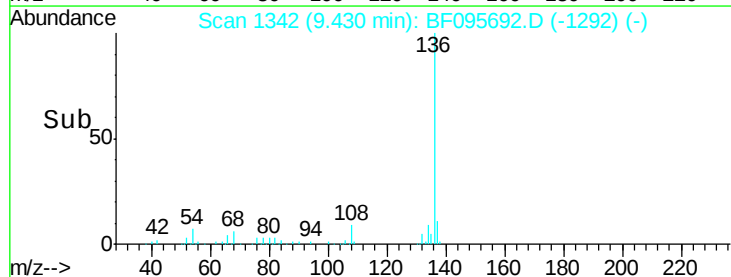
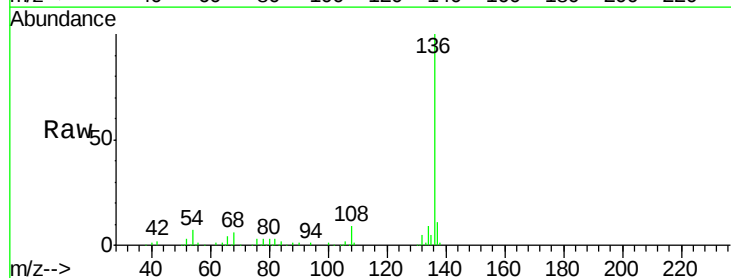
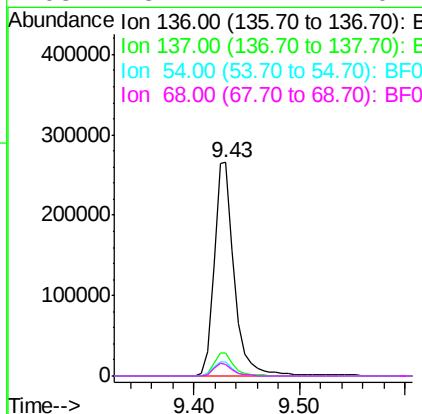
RT: 9.43 min Scan# 1342

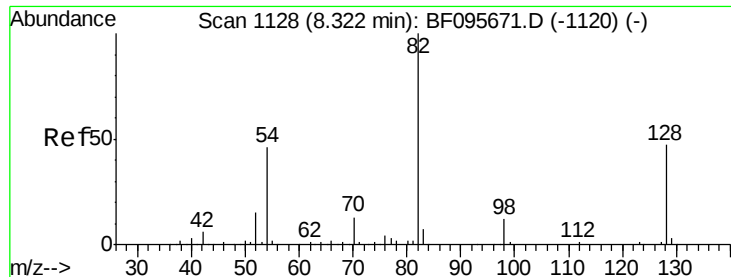
Delta R.T. -0.00 min

Lab File: BF095692.D

Acq: 6 Jun 2017 1:22

Tgt Ion:	136	Resp:	355884
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	6.6	4.9	7.3
68	5.7	4.1	6.1





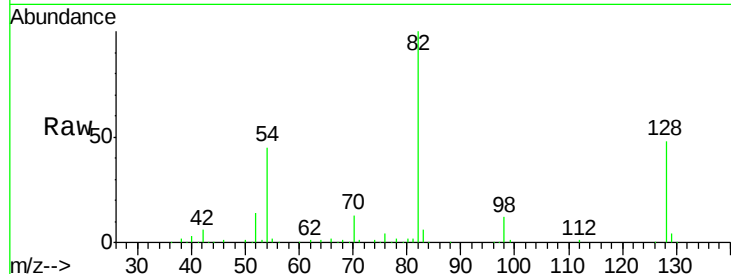
#23
 Nitrobenzene-d5
 Concen: 78.273 ng
 RT: 8.31 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF095692.D
 Acq: 6 Jun 2017 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SU-RO-4672-060217

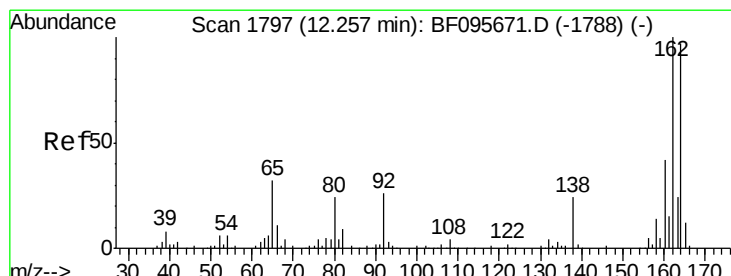
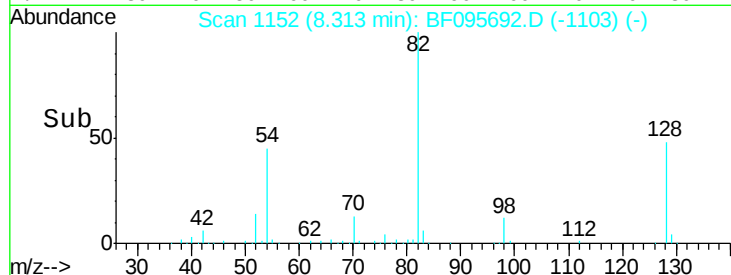
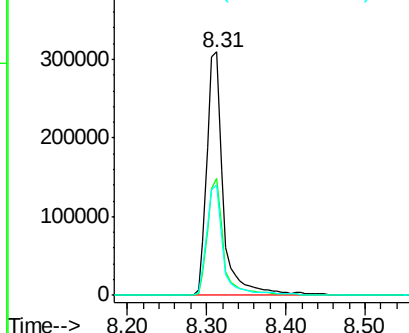
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	45.2	42.2	63.2

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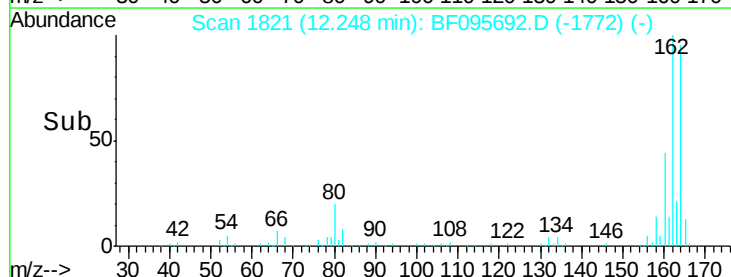
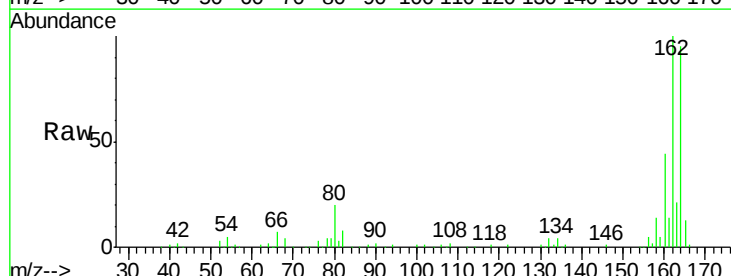
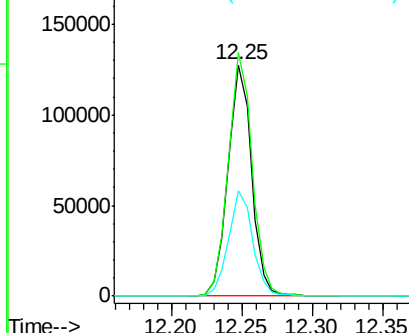
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

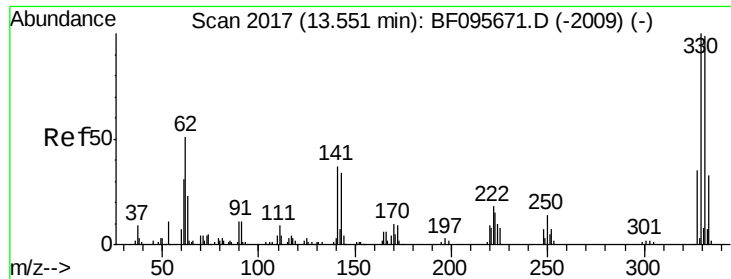


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.25 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF095692.D
 Acq: 6 Jun 2017 1:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	45.9	36.2	54.2

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





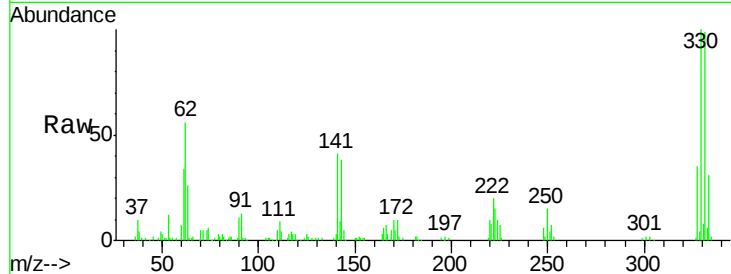
#41
 2,4,6-Tribromophenol
 Concen: 84.302 ng
 RT: 13.54 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095692.D
 Acq: 6 Jun 2017 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SU-RO-4672-060217

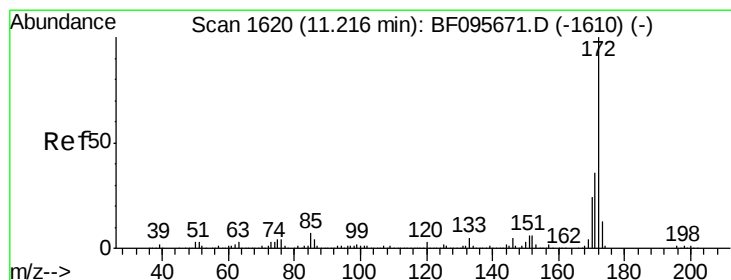
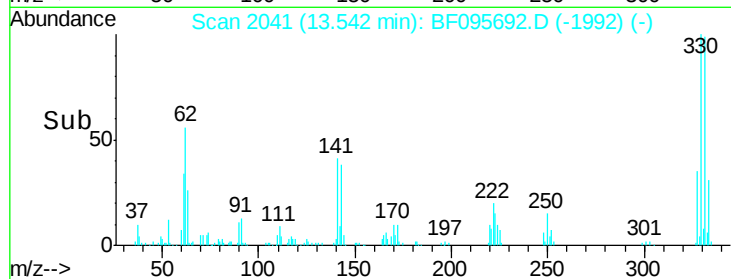
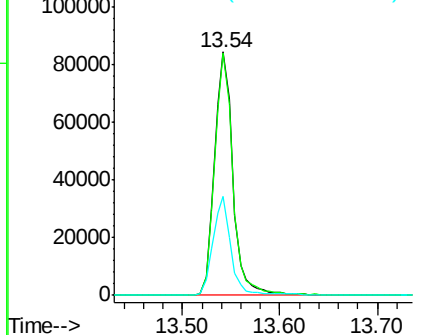
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	110874		
332	98.4	76.6	115.0	
141	39.0	31.4	47.2	

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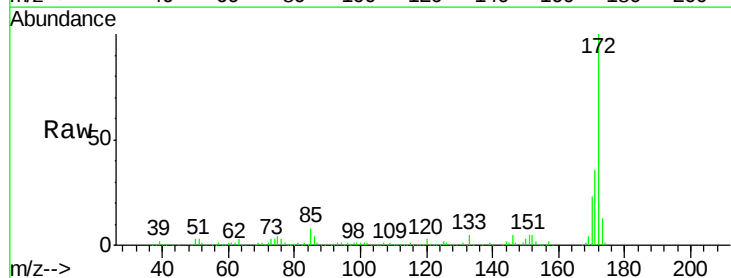


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

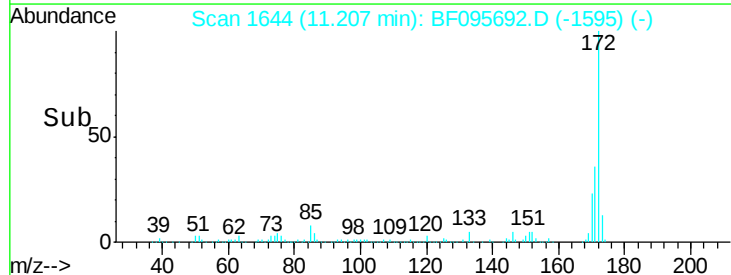
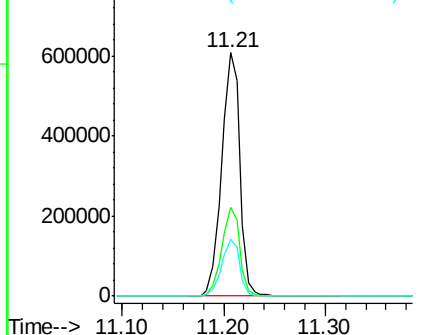


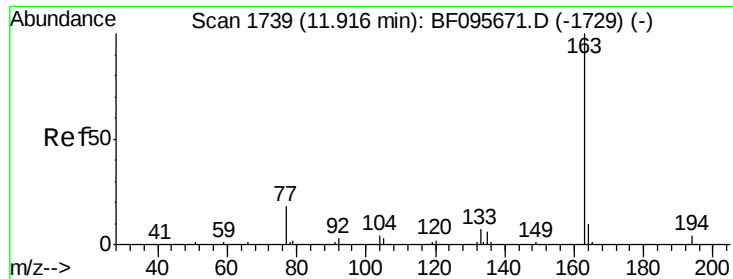
#44
 2-Fluorobiphenyl
 Concen: 70.770 ng
 RT: 11.21 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF095692.D
 Acq: 6 Jun 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	755974		
171	36.4	29.6	44.4	
170	23.4	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





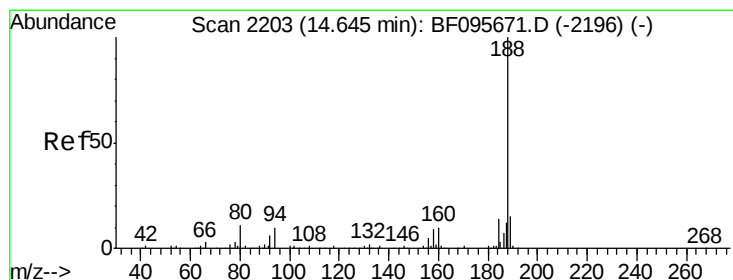
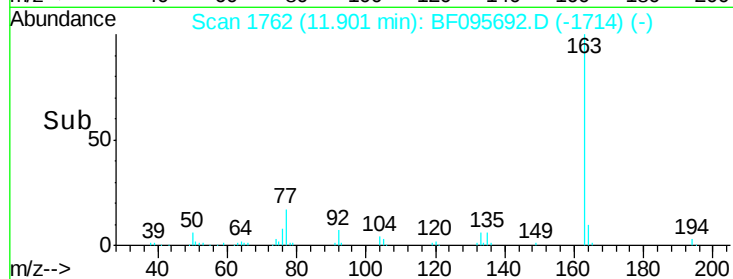
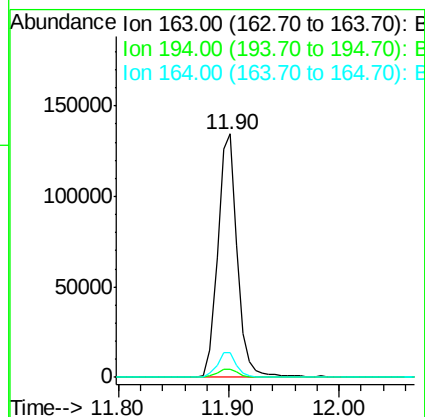
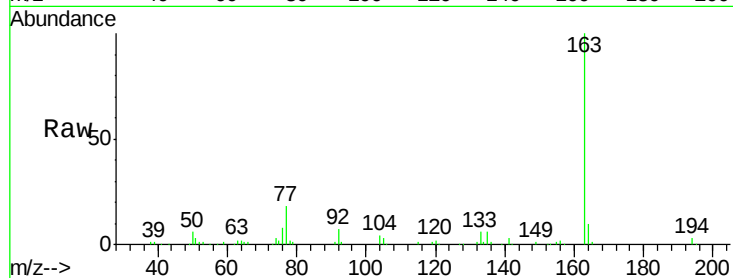
#49
Dimethylphthalate
Concen: 14.523 ng
RT: 11.90 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095692.D
Acq: 6 Jun 2017 1:22

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	163909		
194	3.3	2.6	4.0	
164	10.0	8.4	12.6	

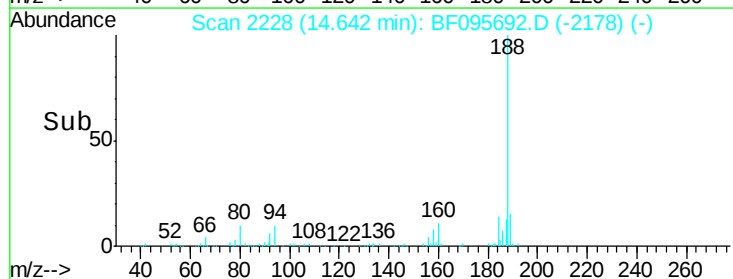
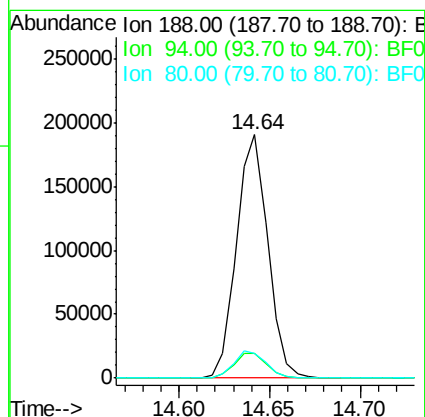
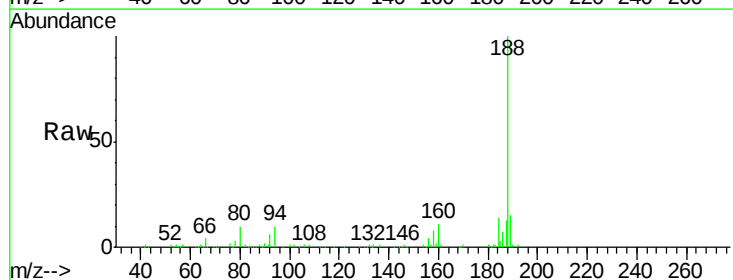
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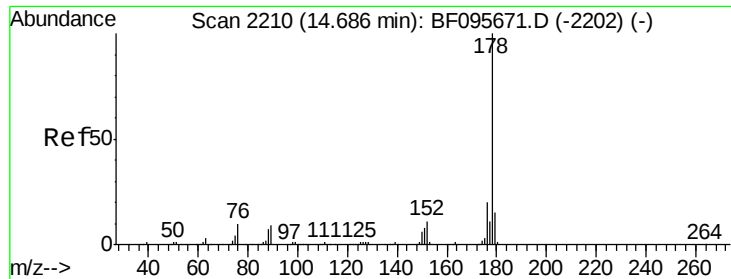
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095692.D
Acq: 6 Jun 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	229549		
94	10.0	9.4	14.2	
80	10.1	10.2	15.2	





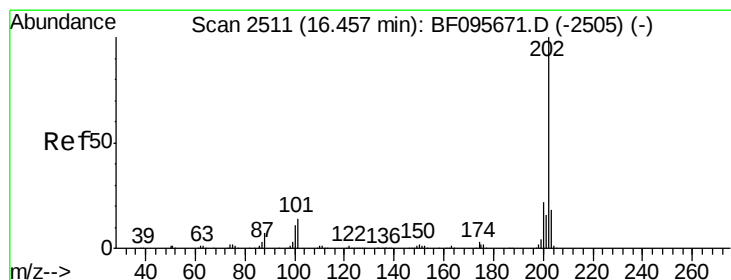
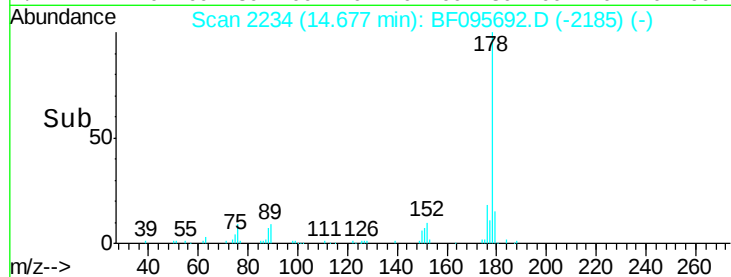
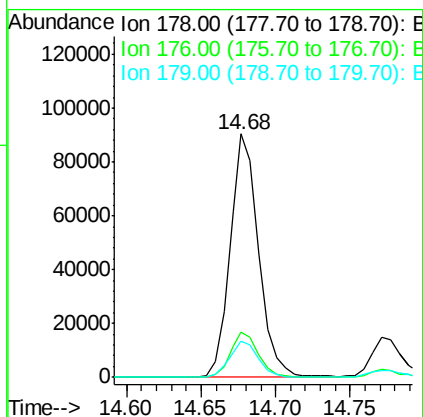
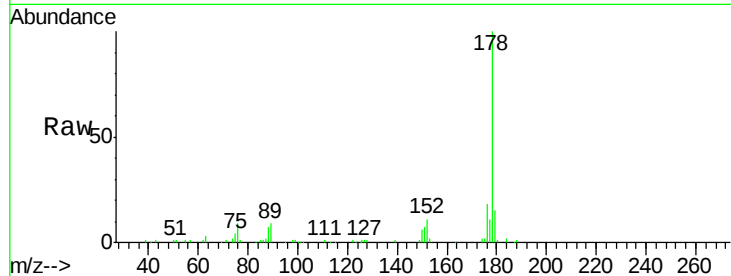
#70
Phenanthrene
Concen: 9.082 ng
RT: 14.68 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF095692.D
Acq: 6 Jun 2017 1:22

Instrument :
BNA_F
ClientSampleId :
SU-RO-4672-060217

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	14.9	12.6	19.0

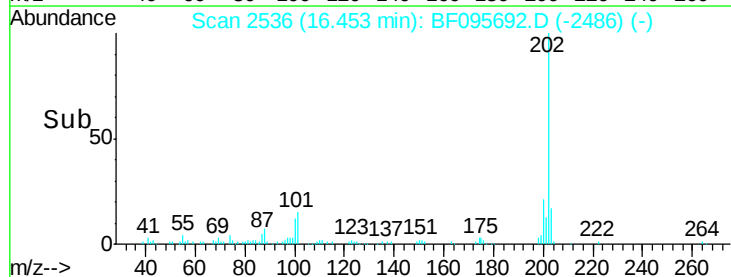
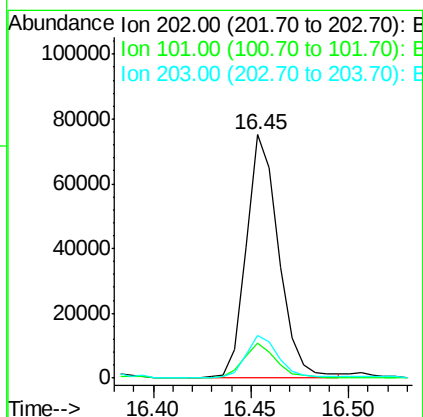
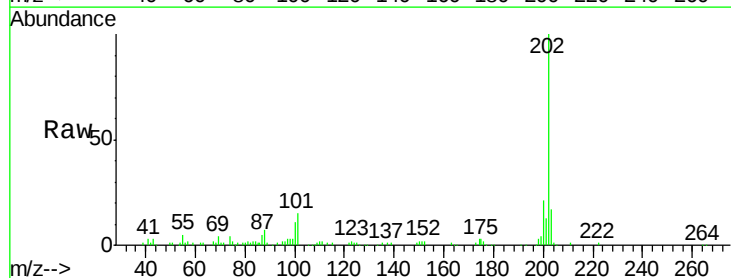
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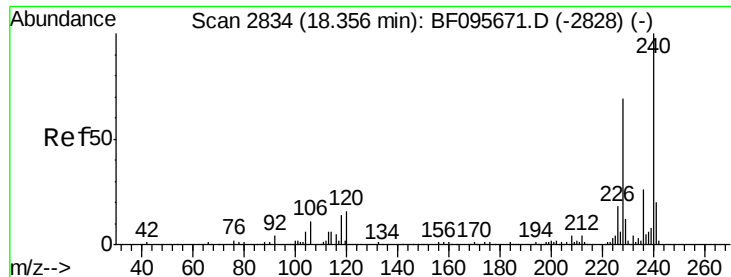
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#74
Fluoranthene
Concen: 6.607 ng
RT: 16.45 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF095692.D
Acq: 6 Jun 2017 1:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.35 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BF095692.D

Acq: 6 Jun 2017 1:22

Instrument :

BNA_F

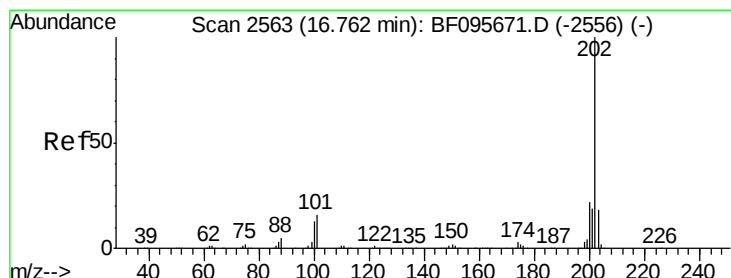
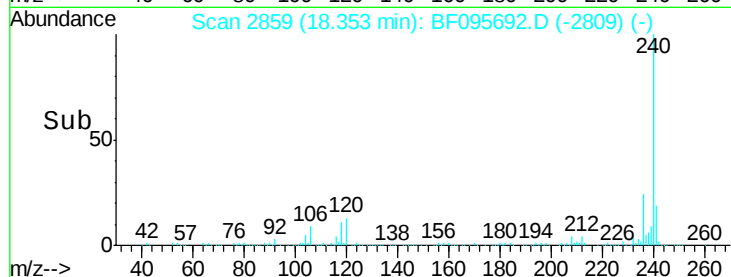
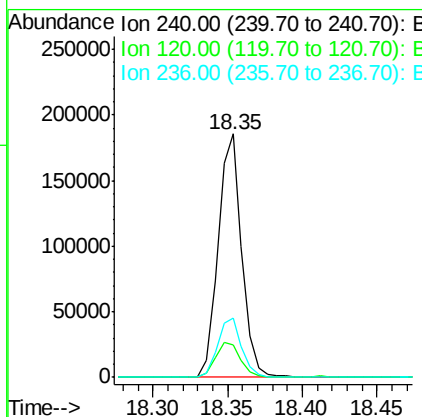
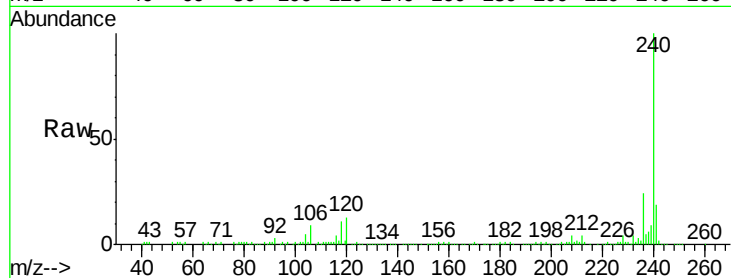
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
240	100	205346		
120	13.3	5.8	8.8#	
236	24.2	20.5	30.7	

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#77

Pyrene

Concen: 6.088 ng

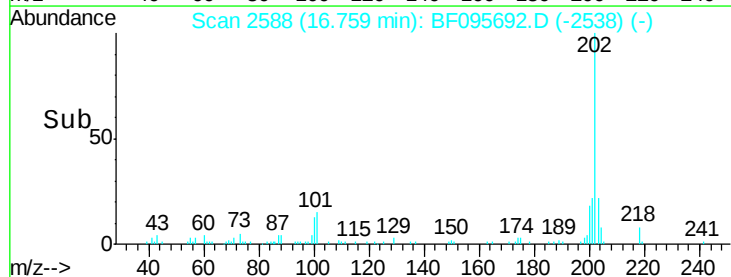
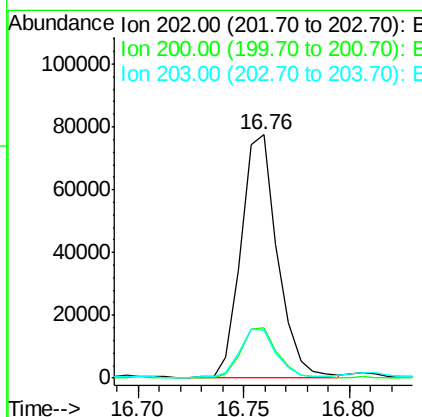
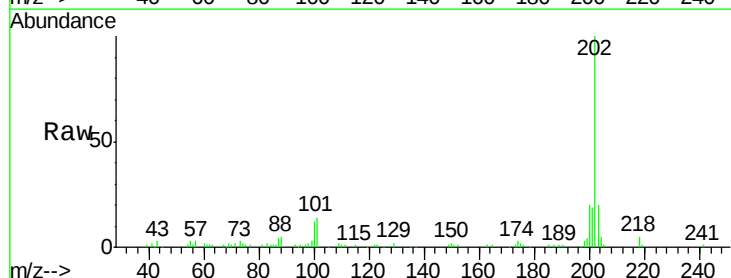
RT: 16.76 min Scan# 2588

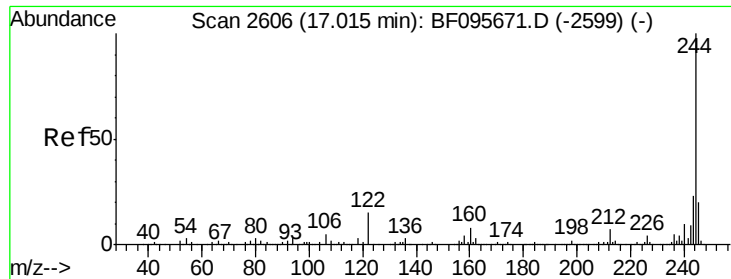
Delta R.T. -0.00 min

Lab File: BF095692.D

Acq: 6 Jun 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	93280		
200	20.5	17.6	26.4	
203	19.5	14.4	21.6	





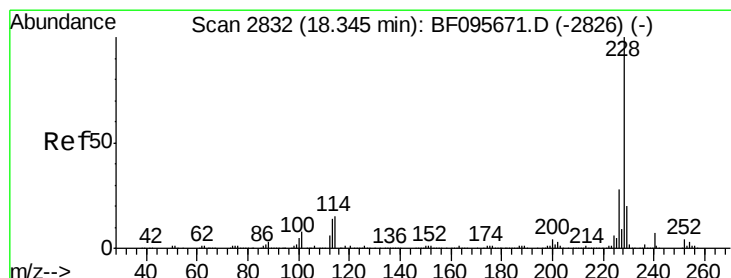
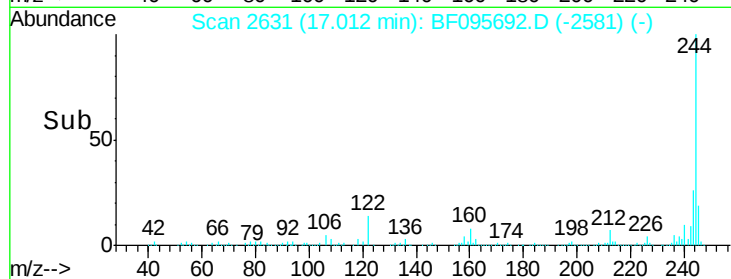
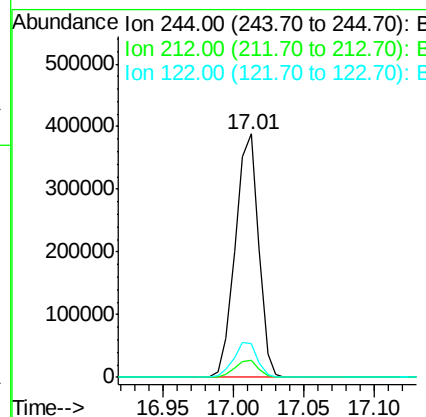
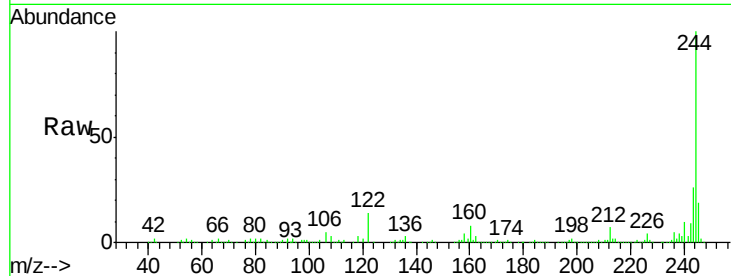
#78
 Terphenyl-d14
 Concen: 53.978 ng
 RT: 17.01 min Scan# 2631
 Delta R.T. -0.00 min
 Lab File: BF095692.D
 Acq: 6 Jun 2017 1:22

Instrument :
 BNA_F
 ClientSampleId :
 SU-RO-4672-060217

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	446627		
212	6.8	6.0	9.0	
122	13.7	10.3	15.5	

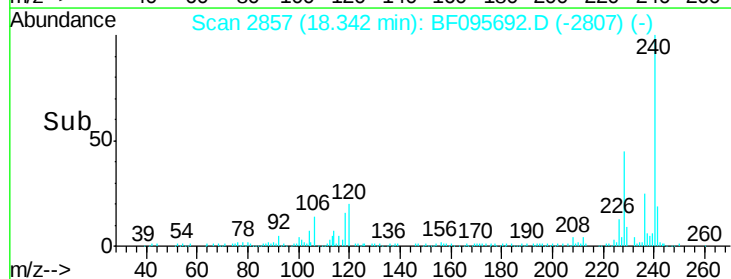
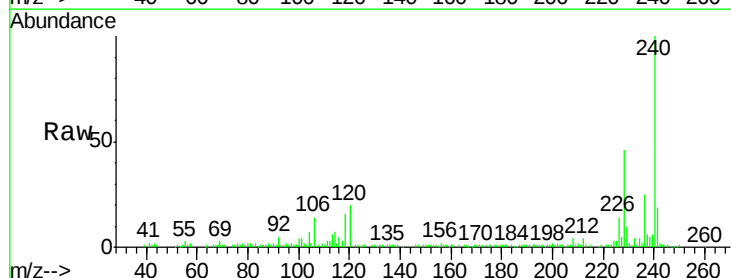
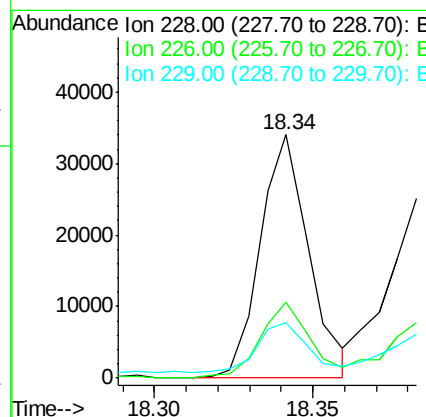
Manual Integrations
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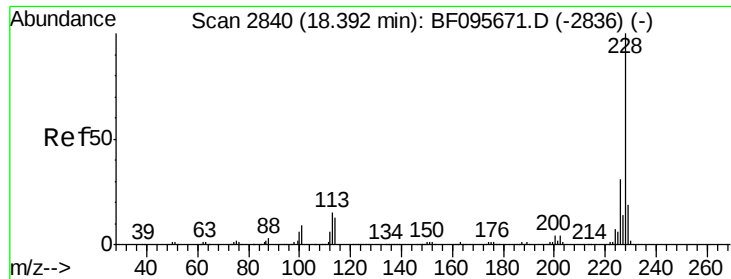
mohammad
 6/6/2017 5:13:04 PM



#80
 Benzo(a)anthracene
 Concen: 3.038 ng
 RT: 18.34 min Scan# 2857
 Delta R.T. -0.00 min
 Lab File: BF095692.D
 Acq: 6 Jun 2017 1:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	36275		
226	31.2	22.6	33.8	
229	22.6	16.3	24.5	





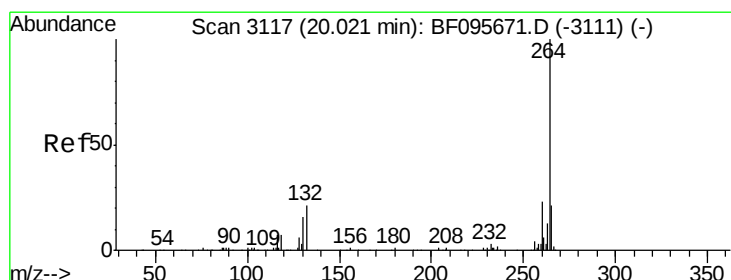
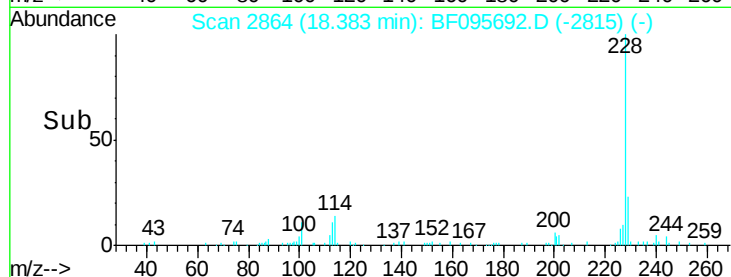
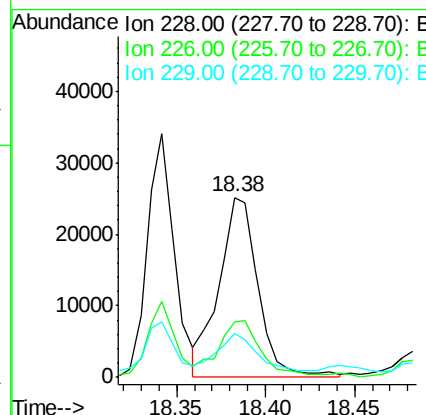
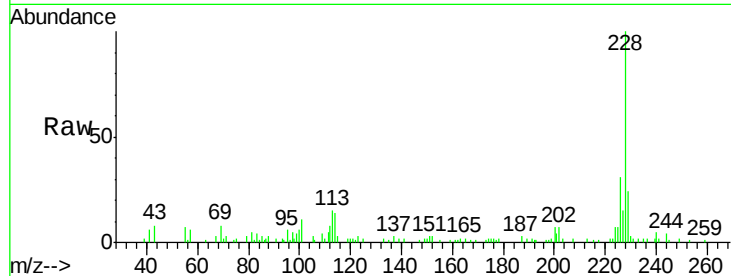
#82
Chrysene
Concen: 3.201 ng m
RT: 18.38 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BF095692.D
Acq: 6 Jun 2017 1:22

Instrument :
BNA_F
ClientSampleId :
SU-RO-4672-060217

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	24.5	15.8	23.6

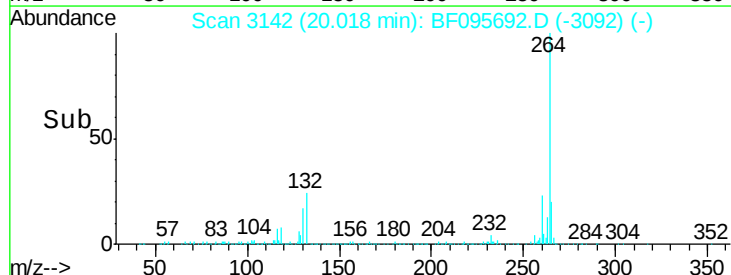
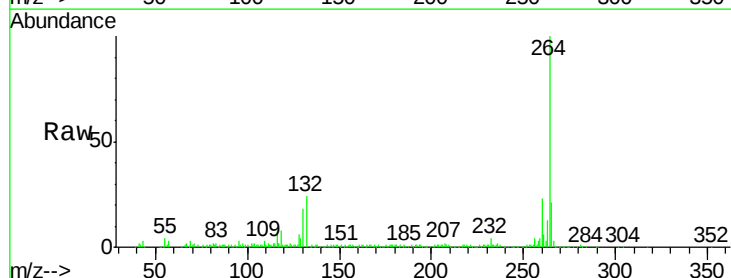
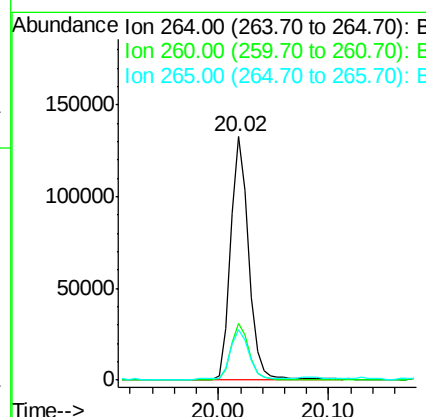
Manual Integrations
APPROVED

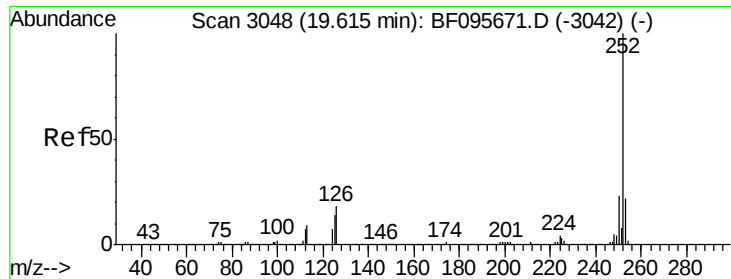
mohammad
6/6/2017 5:13:04 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 20.02 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095692.D
Acq: 6 Jun 2017 1:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.7	17.2	25.8





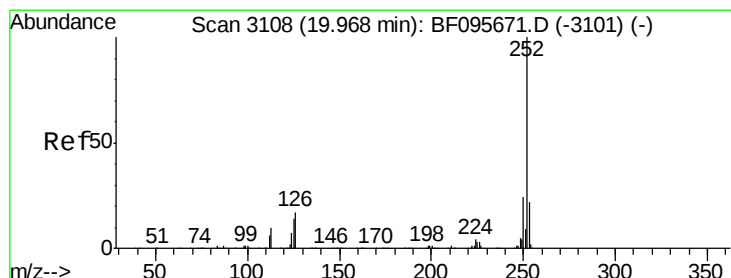
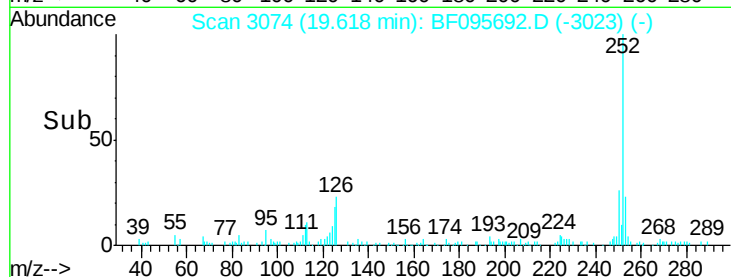
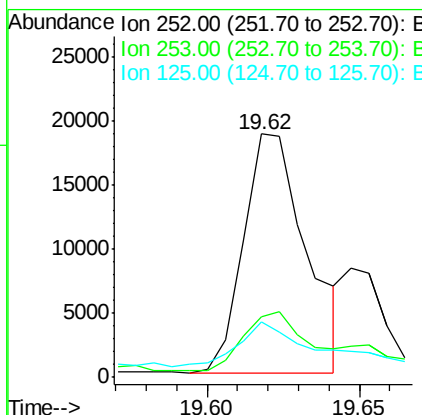
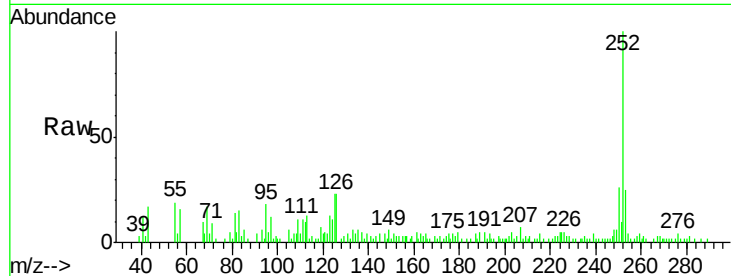
#87
Benzo(b)fluoranthene
Concen: 2.805 ng m
RT: 19.62 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BF095692.D
Acq: 6 Jun 2017 1:22

Instrument :
BNA_F
ClientSampleId :
SU-RO-4672-060217

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	22.6	9.8	14.8

Manual Integrations
APPROVED

mohammad
6/6/2017 5:13:04 PM



#89
Benzo(a)pyrene
Concen: 2.549 ng
RT: 19.96 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BF095692.D
Acq: 6 Jun 2017 1:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	20.5	11.0	16.4

