

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
 Data File : BF095696.D
 Acq On : 6 Jun 2017 3:30
 Operator : SJ/MA
 Sample : I3444-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-240-060117

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

Quant Time: Jun 06 07:02:04 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	85622	20.00	ng	0.00
21) Naphthalene-d8	9.43	136	320515	20.00	ng	0.00
38) Acenaphthene-d10	12.25	164	124310	20.00	ng	0.00
63) Phenanthrene-d10	14.64	188	191181	20.00	ng	0.00
75) Chrysene-d12	18.35	240	172038	20.00	ng	0.00
86) Perylene-d12	20.02	264	116546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	257831	47.98	ng	0.00
7) Phenol-d6	6.95	99	358916	55.79	ng	0.00
23) Nitrobenzene-d5	8.31	82	153711	29.78	ng	-0.01
41) 2,4,6-Tribromophenol	13.54	330	42687	38.81	ng	0.00
44) 2-Fluorobiphenyl	11.21	172	322293	36.08	ng	0.00
78) Terphenyl-d14	17.01	244	213426	30.79	ng	0.00
Target Compounds						
49) Dimethylphthalate	11.90	163	41166	4.362	ng	99
70) Phenanthrene	14.68	178	22720	2.060	ng	98
74) Fluoranthene	16.46	202	42898	3.929	ng	97
77) Pyrene	16.76	202	42752	3.330	ng	96
87) Benzo(b)fluoranthene	19.63	252	14603m	2.001	ng	

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

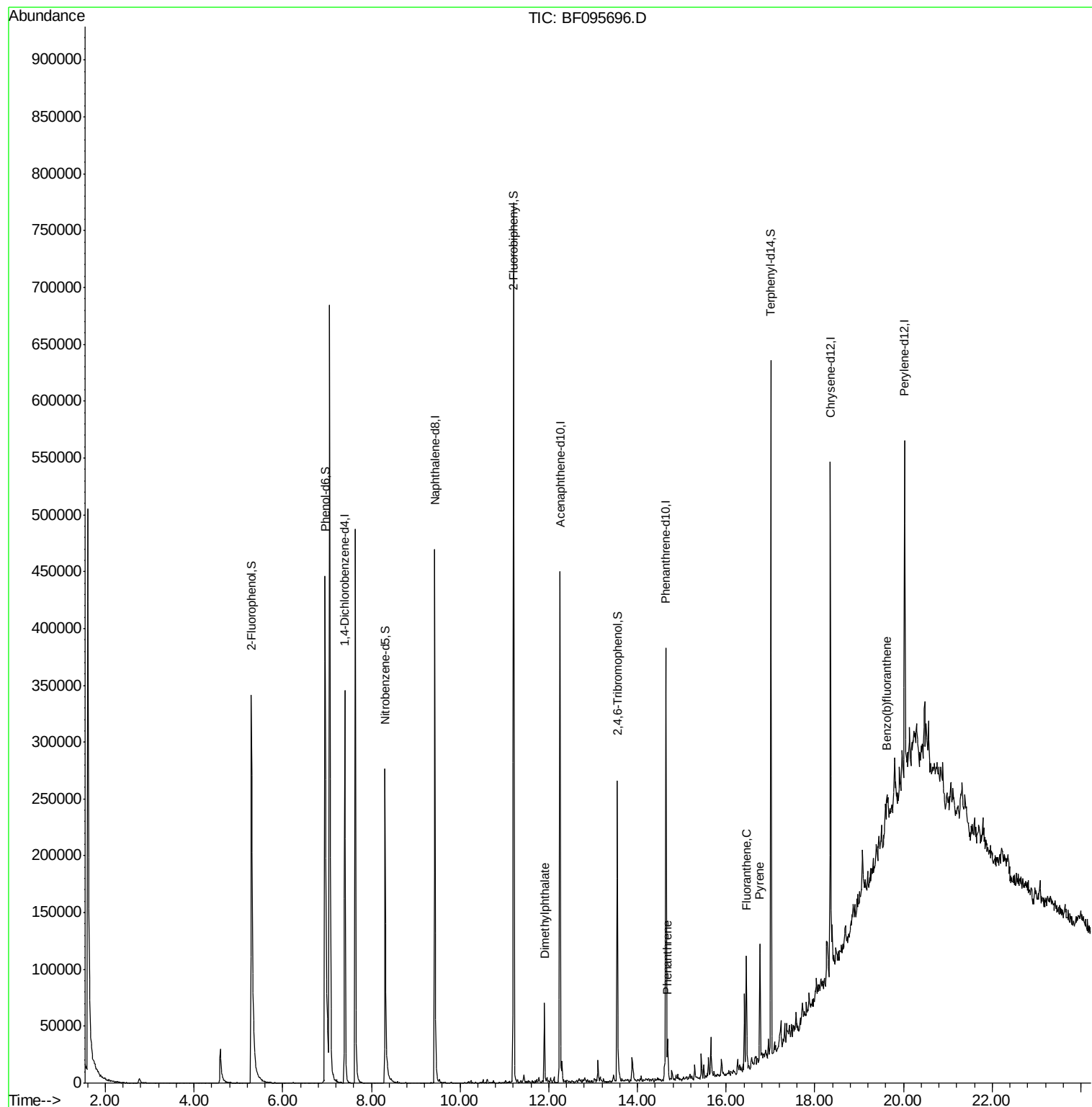
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
Data File : BF095696.D
Acq On : 6 Jun 2017 3:30
Operator : SJ/MA
Sample : I3444-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

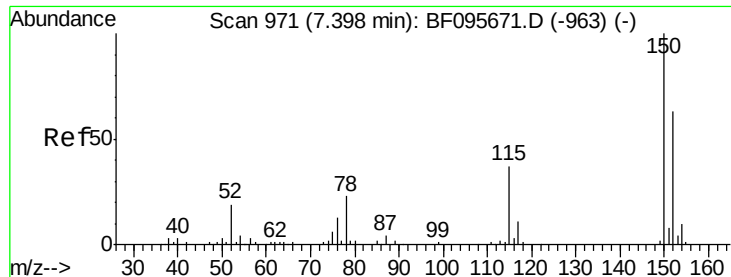
Instrument :
BNA_F
ClientSampleId :
BU-RO-240-060117

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Quant Time: Jun 06 07:02:04 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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Response via : Initial Calibration





#1

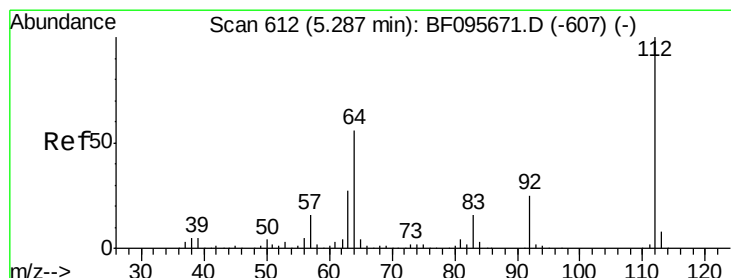
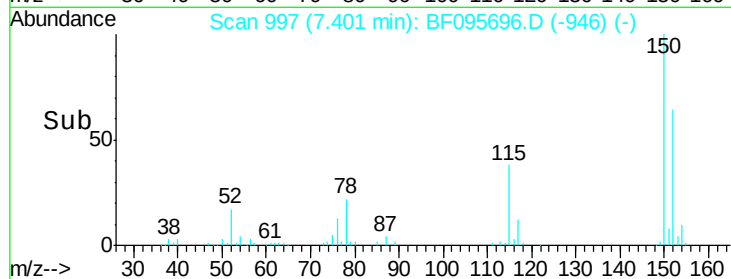
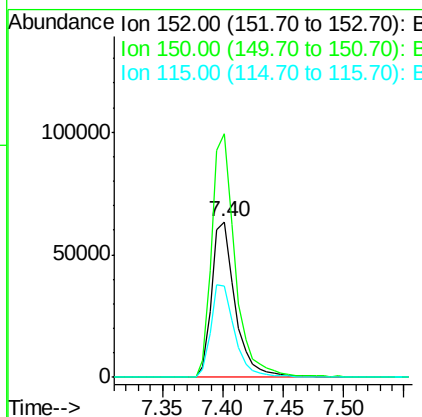
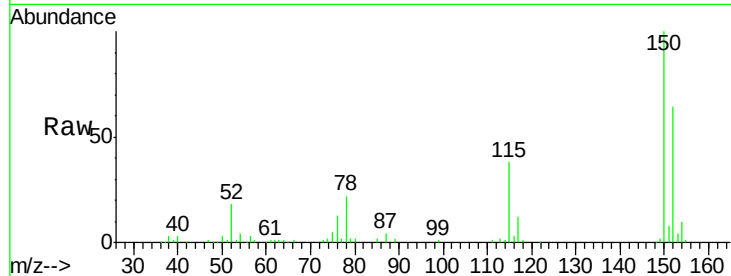
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.40 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF095696.D
Acq: 6 Jun 2017 3:30

Instrument :
BNA_F
ClientSampleId :
BU-RO-240-060117

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	58.6	52.2	78.2

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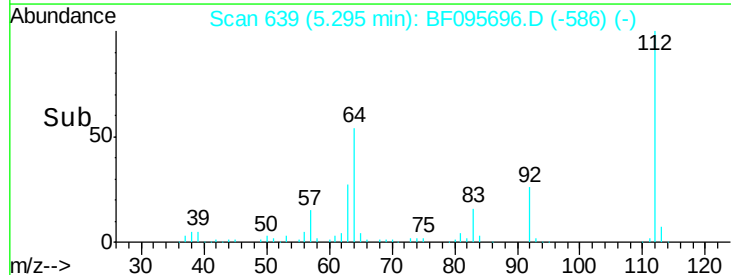
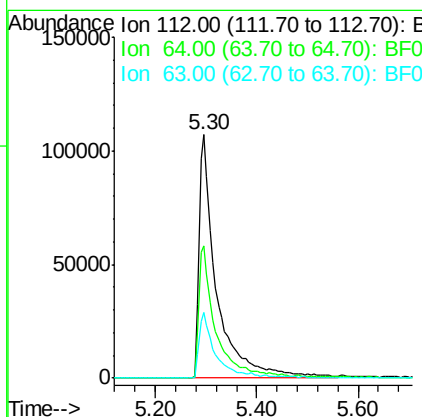
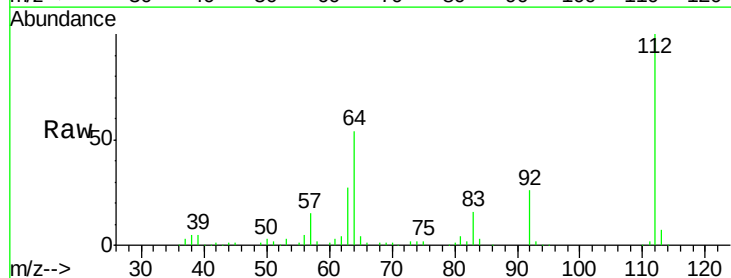
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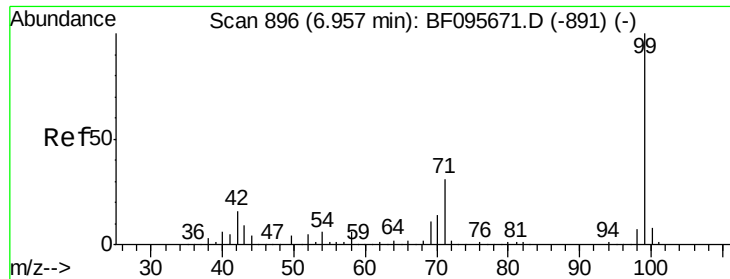


#5

2-Fluorophenol
Concen: 47.983 ng
RT: 5.30 min Scan# 639
Delta R.T. 0.01 min
Lab File: BF095696.D
Acq: 6 Jun 2017 3:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.0	69.0
63	27.0	23.4	35.0





#7

Phenol-d6

Concen: 55.794 ng

RT: 6.95 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF095696.D

Acq: 6 Jun 2017 3:30

Instrument :

BNA_F

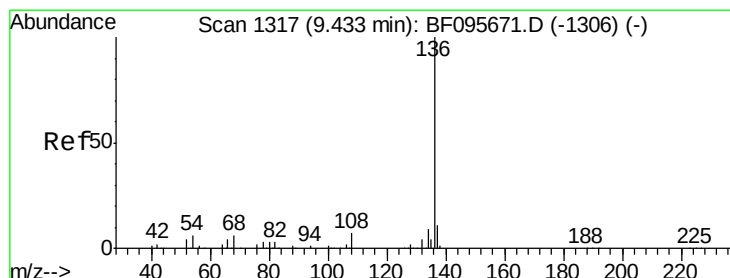
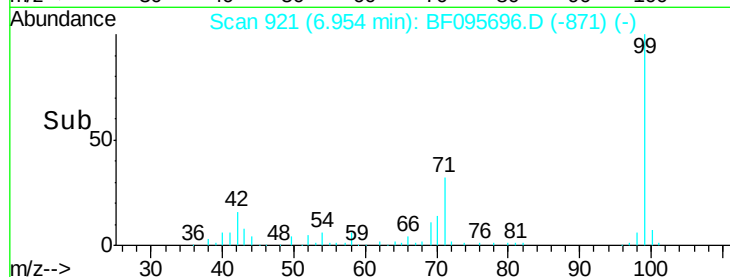
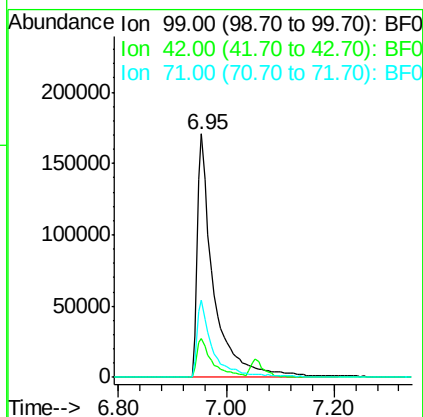
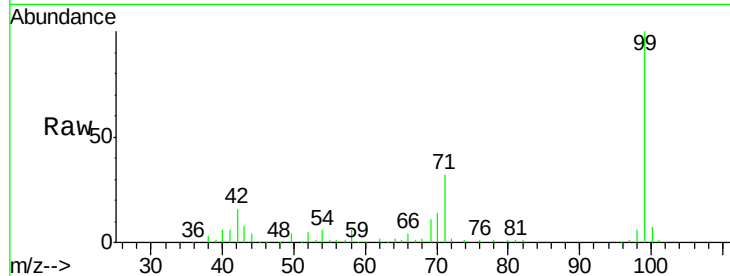
ClientSampleId :

BU-RO-240-060117

Tgt Ion:	99	Resp:	358916
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.5	20.3
71	31.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

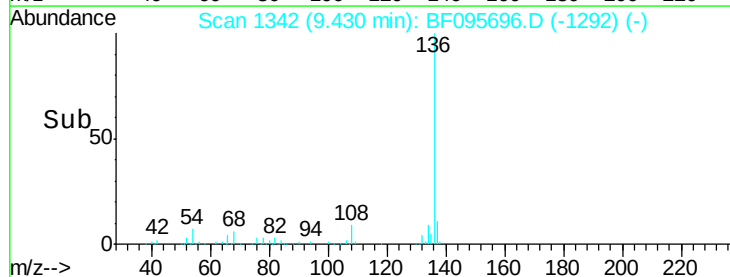
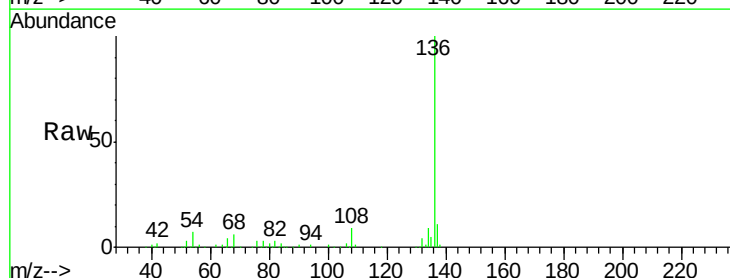
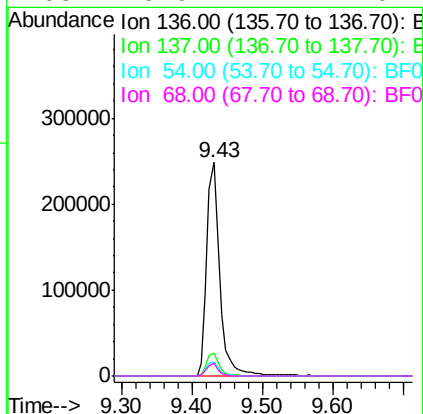
RT: 9.43 min Scan# 1342

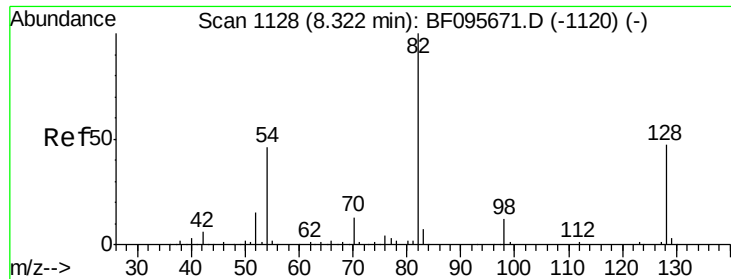
Delta R.T. -0.00 min

Lab File: BF095696.D

Acq: 6 Jun 2017 3:30

Tgt Ion:	136	Resp:	320515
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	6.8	4.9	7.3
68	5.9	4.1	6.1





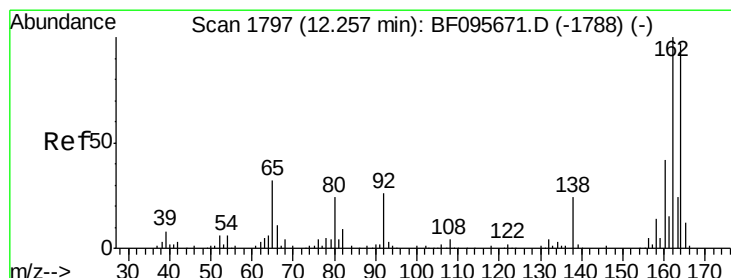
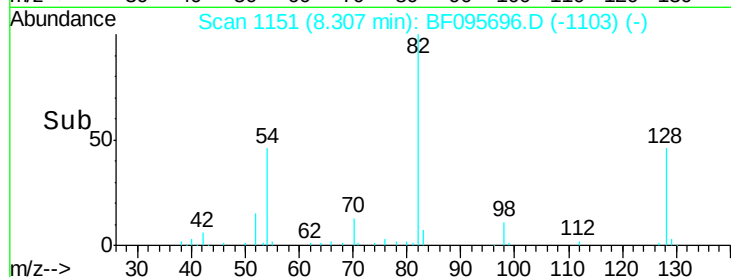
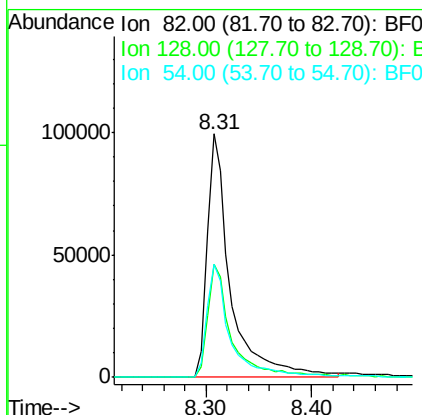
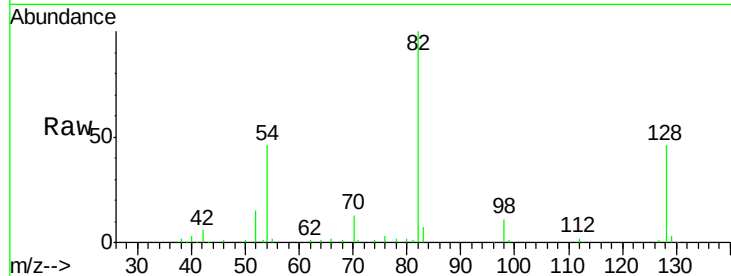
#23
 Nitrobenzene-d5
 Concen: 29.784 ng
 RT: 8.31 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF095696.D
 Acq: 6 Jun 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-240-060117

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	153711		
128	46.2	34.0	51.0	
54	46.5	42.2	63.2	

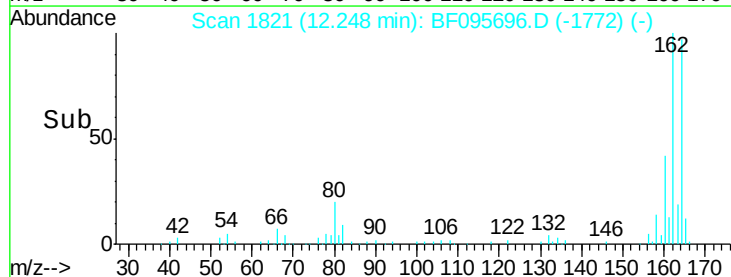
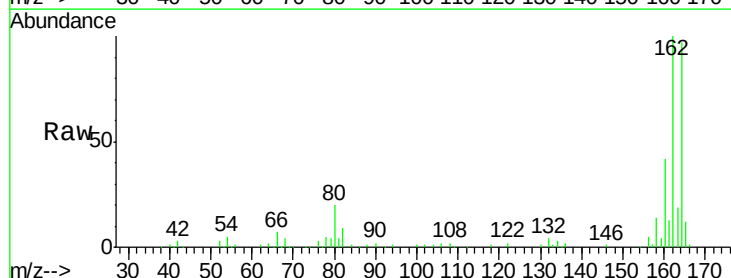
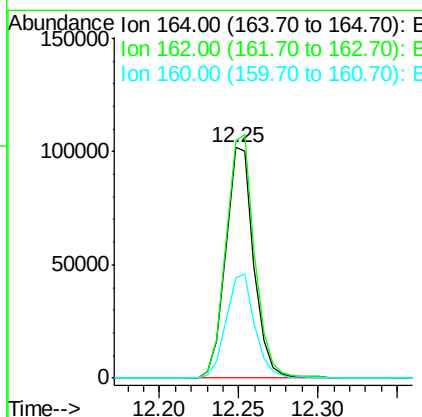
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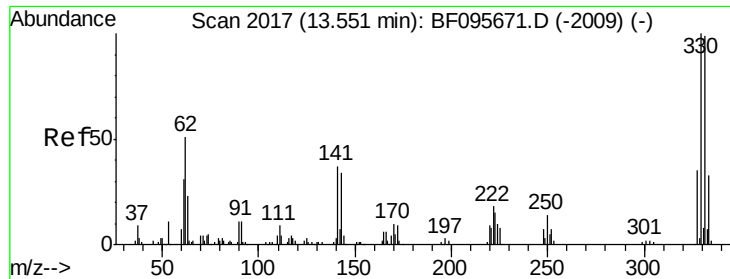
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.25 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF095696.D
 Acq: 6 Jun 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	124310		
162	102.9	82.6	123.8	
160	43.4	36.2	54.2	





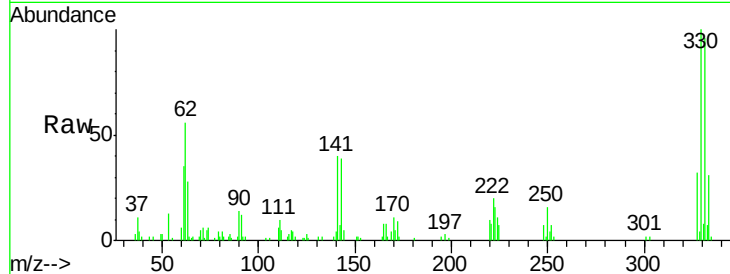
#41
 2,4,6-Tribromophenol
 Concen: 38.811 ng
 RT: 13.54 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095696.D
 Acq: 6 Jun 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-240-060117

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	40.1	31.4	47.2

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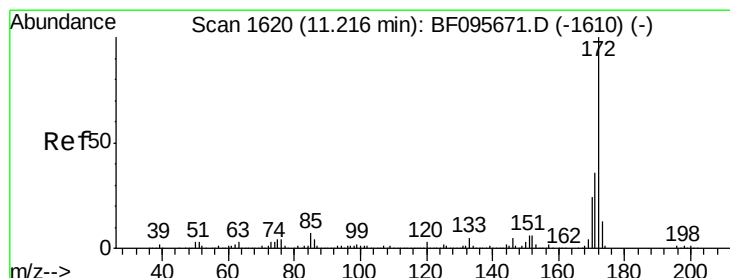
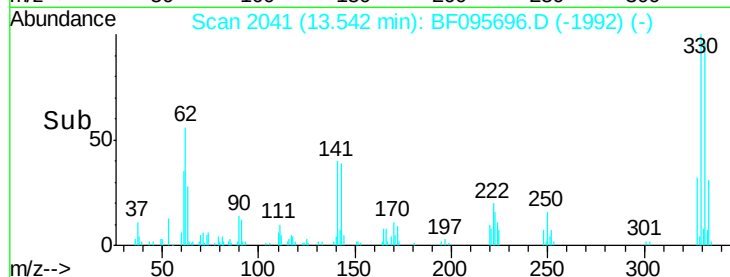
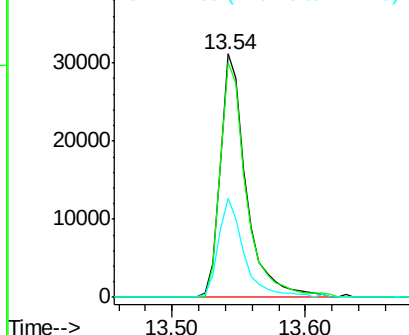


Abundance

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: 36.079 ng
 RT: 11.21 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BF095696.D
 Acq: 6 Jun 2017 3:30

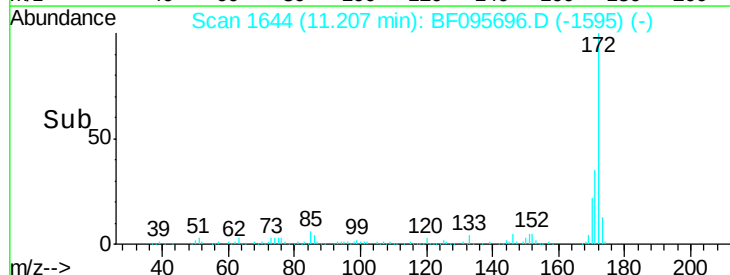
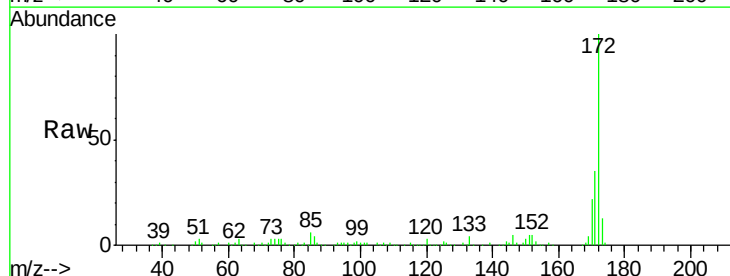
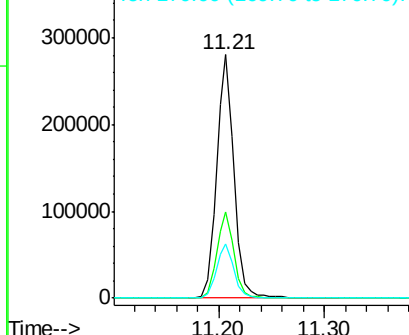
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	22.4	19.8	29.8

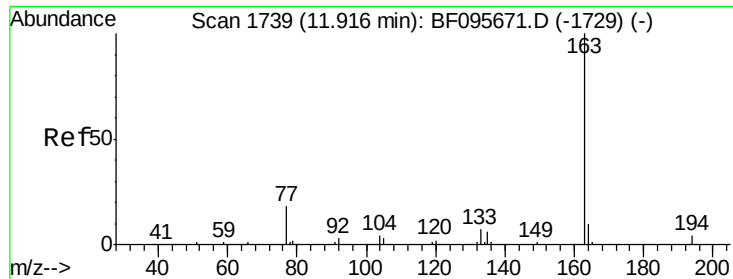
Abundance

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





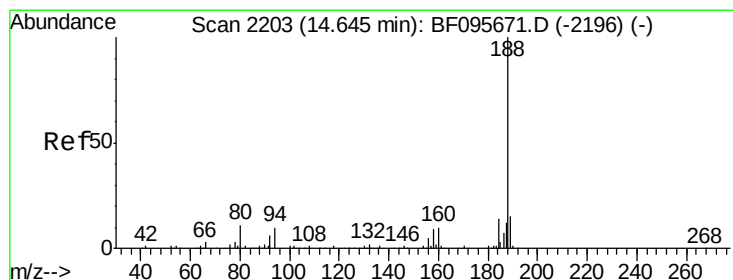
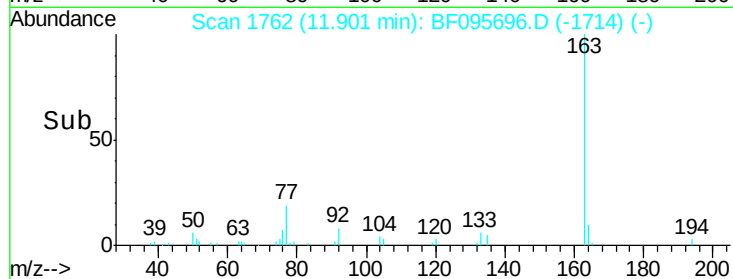
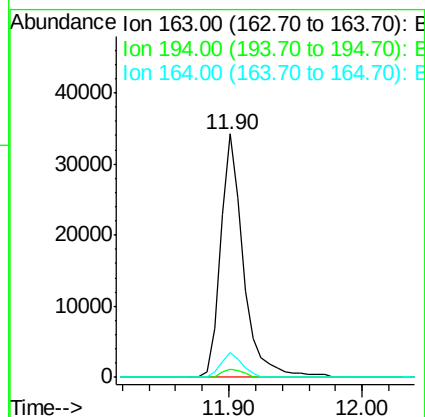
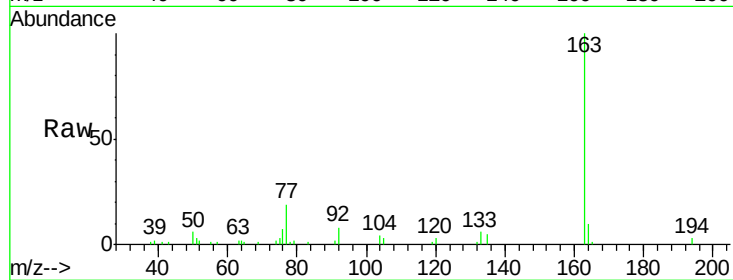
#49
Dimethylphthalate
Concen: 4.362 ng
RT: 11.90 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF095696.D
Acq: 6 Jun 2017 3:30

Instrument :
BNA_F
ClientSampleId :
BU-RO-240-060117

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	41166		
194	3.4	2.6	4.0	
164	9.9	8.4	12.6	

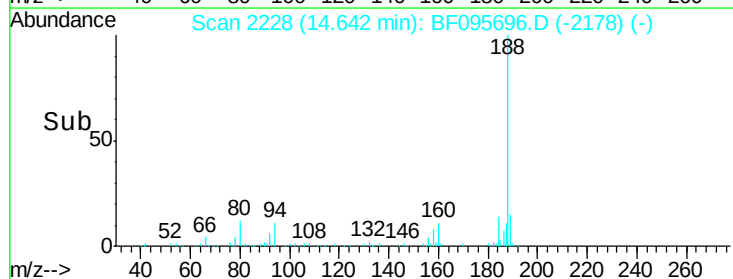
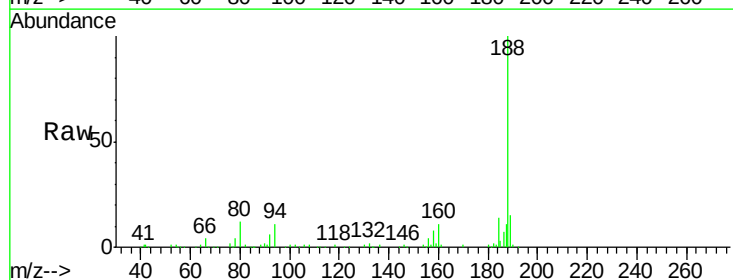
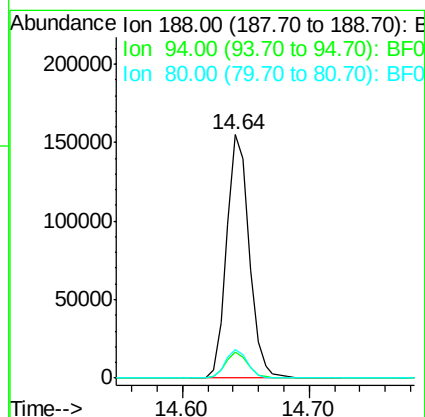
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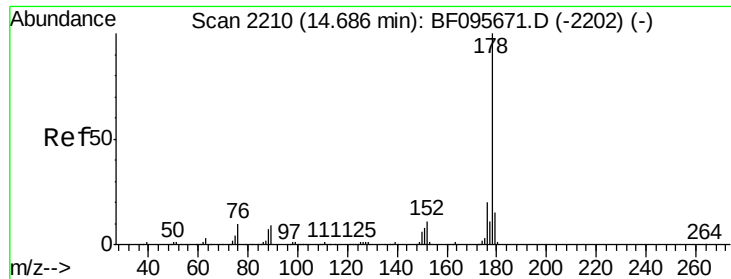
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF095696.D
Acq: 6 Jun 2017 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	191181		
94	10.9	9.4	14.2	
80	11.7	10.2	15.2	





#70

Phenanthrene

Concen: 2.060 ng

RT: 14.68 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF095696.D

Acq: 6 Jun 2017 3:30

Instrument :

BNA_F

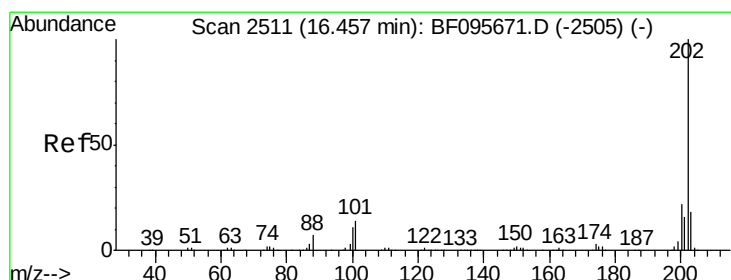
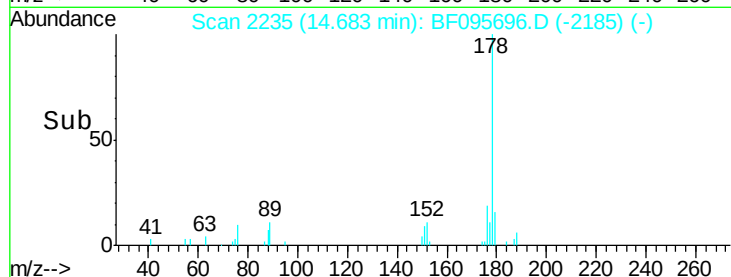
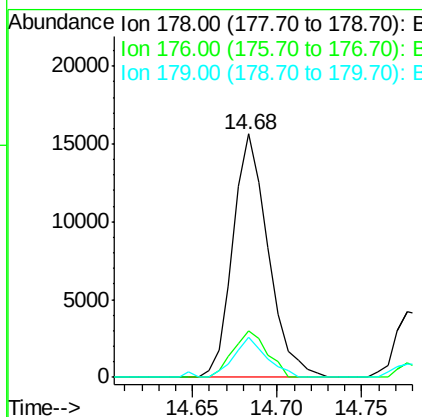
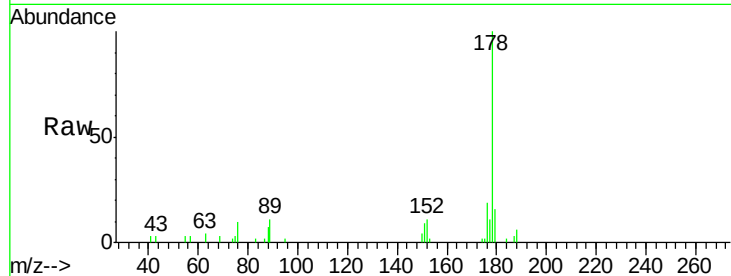
ClientSampleId :

BU-RO-240-060117

Tgt Ion:	178	Resp:	22720
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.2	24.4
179	16.4	12.6	19.0

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#74

Fluoranthene

Concen: 3.929 ng

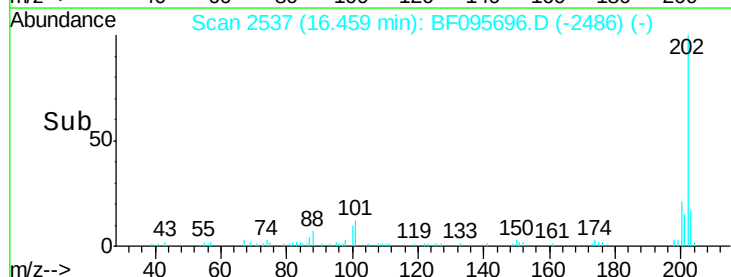
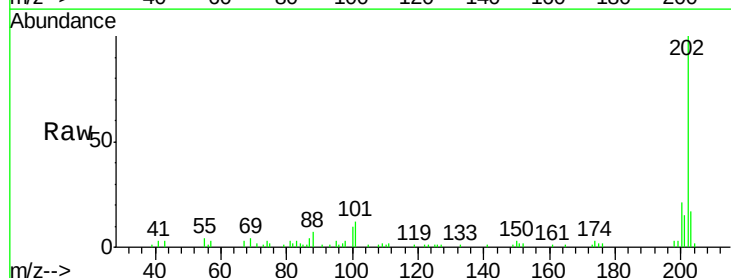
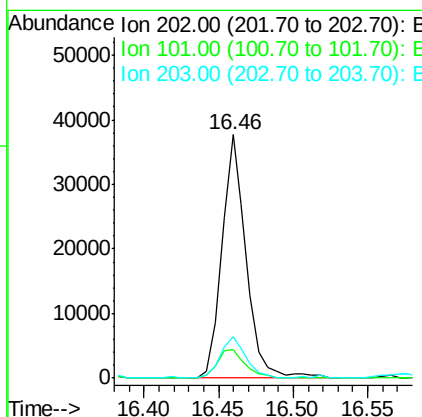
RT: 16.46 min Scan# 2537

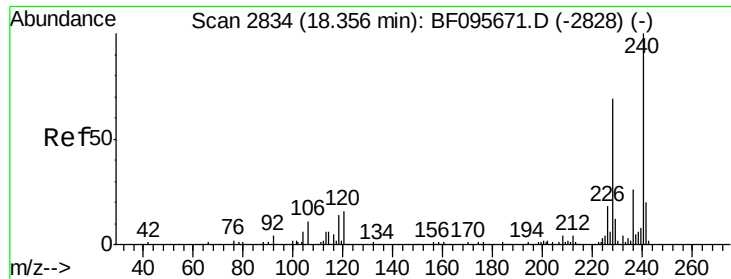
Delta R.T. 0.00 min

Lab File: BF095696.D

Acq: 6 Jun 2017 3:30

Tgt Ion:	202	Resp:	42898
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	33.2
203	16.9	0.0	38.1





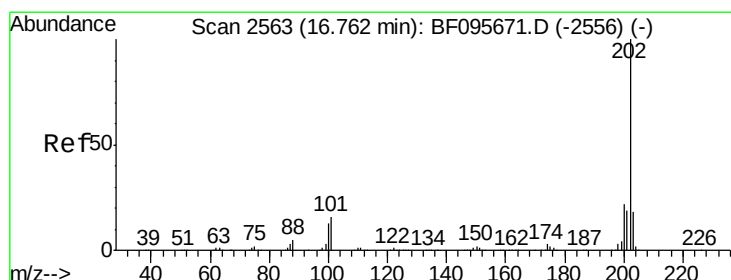
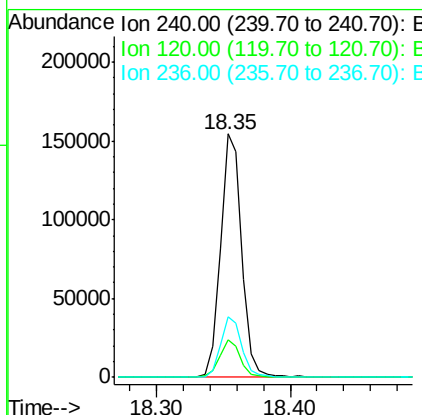
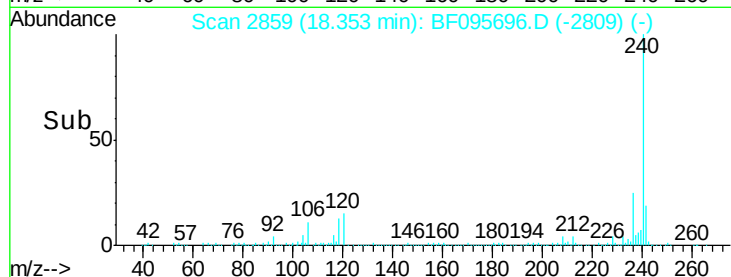
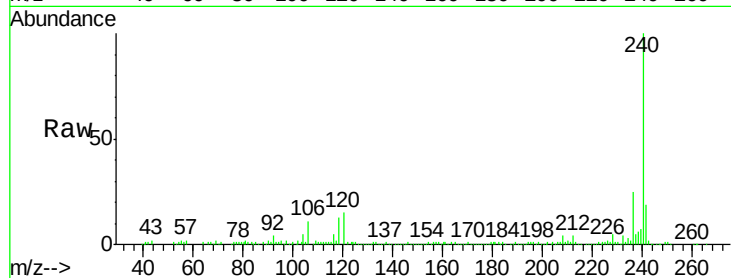
#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.35 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BF095696.D
Acq: 6 Jun 2017 3:30

Instrument :
BNA_F
ClientSampleId :
BU-RO-240-060117

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	24.8	20.5	30.7

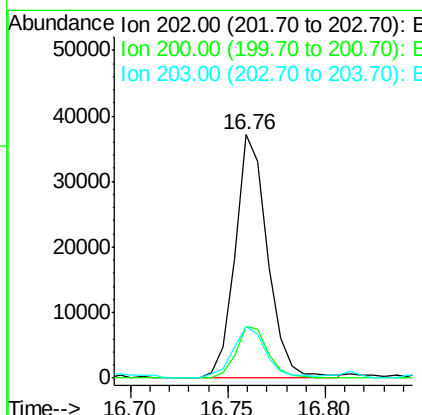
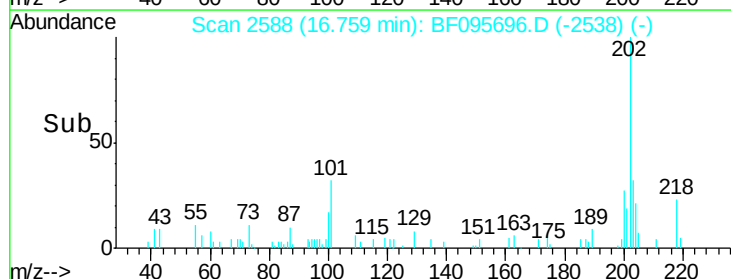
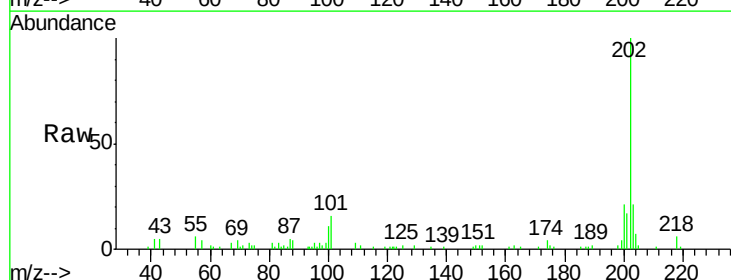
Manual Integrations
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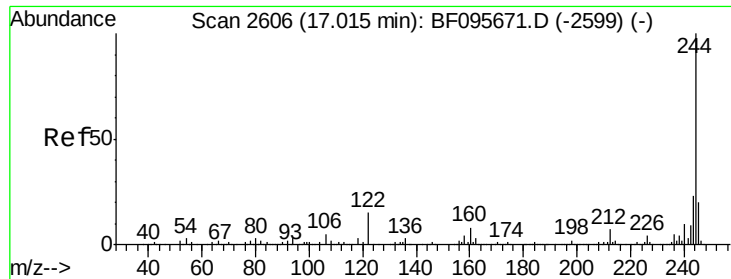
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#77
Pyrene
Concen: 3.330 ng
RT: 16.76 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BF095696.D
Acq: 6 Jun 2017 3:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	21.3	14.4	21.6





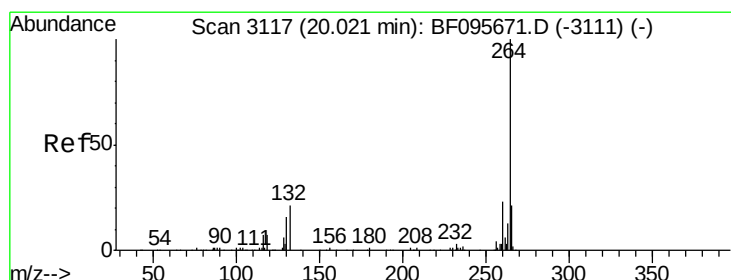
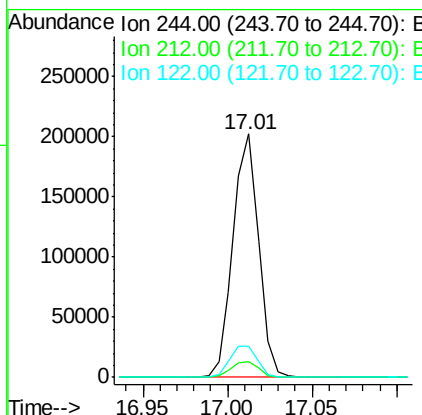
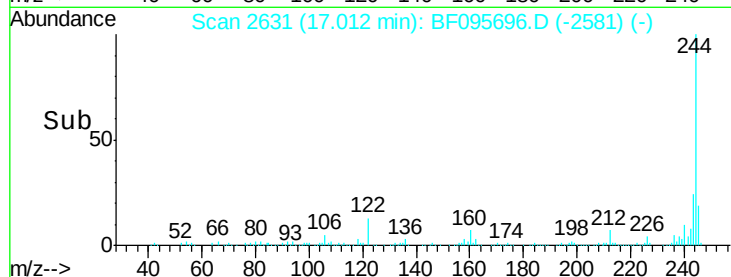
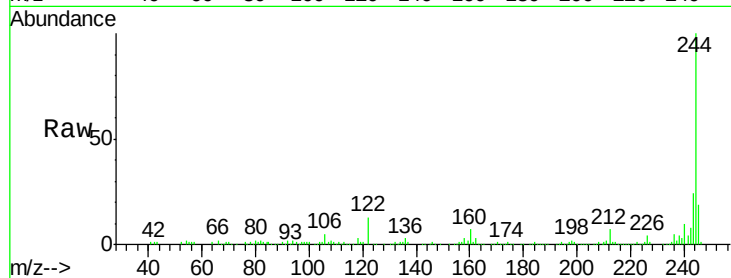
#78
 Terphenyl-d14
 Concen: 30.788 ng
 RT: 17.01 min Scan# 2631
 Delta R.T. -0.00 min
 Lab File: BF095696.D
 Acq: 6 Jun 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-240-060117

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	6.0	9.0
122	13.0	10.3	15.5

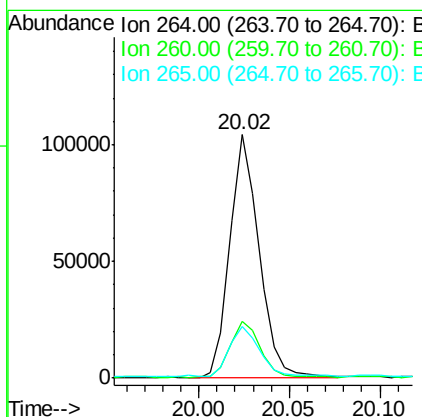
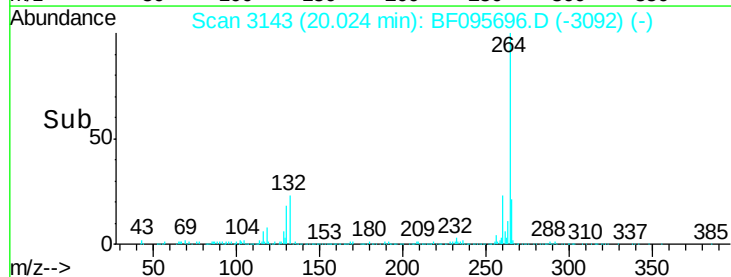
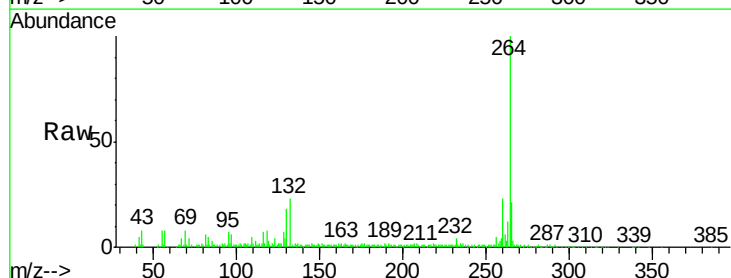
Manual Integrations
 APPROVED

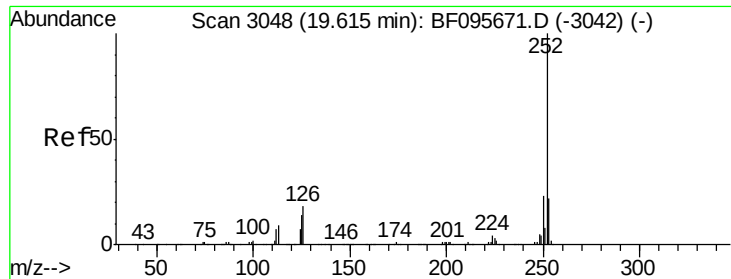
mohammad
 6/6/2017 5:13:13 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.02 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BF095696.D
 Acq: 6 Jun 2017 3:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.3	19.5	29.3
265	21.4	17.2	25.8





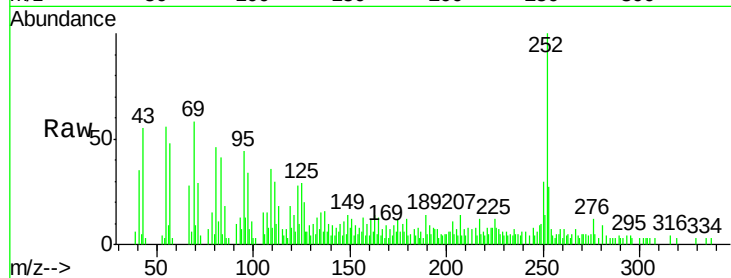
#87
 Benzo(b)fluoranthene
 Concen: 2.001 ng m
 RT: 19.63 min Scan# 3076
 Delta R.T. 0.01 min
 Lab File: BF095696.D
 Acq: 6 Jun 2017 3:30

Instrument :
 BNA_F
 ClientSampleId :
 BU-RO-240-060117

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	18.1	27.1#
125	28.6	9.8	14.8#

Manual Integrations
 APPROVED

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



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

