

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095757.D
 Acq On : 7 Jun 2017 21:07
 Operator : SJ/MA
 Sample : I3500-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-060617

Manual Integrations
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Quant Time: Jun 08 05:29:07 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	7.38	152	74176	20.00	ng	-0.02
21) Naphthalene-d8	9.42	136	288036	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	115134	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	172298	20.00	ng	-0.01
75) Chrysene-d12	18.35	240	142101	20.00	ng	0.00
86) Perylene-d12	20.02	264	101756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	204473	43.92	ng	-0.01
7) Phenol-d6	6.94	99	253600	45.51	ng	-0.02
23) Nitrobenzene-d5	8.29	82	136496	29.43	ng	-0.03
41) 2,4,6-Tribromophenol	13.53	330	39917	39.19	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	276428	33.41	ng	-0.02
78) Terphenyl-d14	17.00	244	167781	29.30	ng	-0.01
Target Compounds						Qvalue
48) Acenaphthylene	12.01	152	28260	2.23	ng	97
49) Dimethylphthalate	11.89	163	102891	11.77	ng	100
70) Phenanthrene	14.67	178	132401	13.32	ng	96
71) Anthracene	14.76	178	34717	3.34	ng	97
74) Fluoranthene	16.45	202	173666	17.65	ng	97
77) Pyrene	16.75	202	196016	18.49	ng	98
80) Benzo(a)anthracene	18.34	228	71948	8.71	ng	93
82) Chrysene	18.38	228	74910	9.07	ng	95
85) Indeno(1,2,3-cd)pyrene	21.20	276	21655	3.07	ng	99
87) Benzo(b)fluoranthene	19.62	252	59086m	9.27	ng	
88) Benzo(k)fluoranthene	19.64	252	18357m	3.01	ng	
89) Benzo(a)pyrene	19.96	252	43186	7.37	ng	# 94
91) Benzo(a,h,i)perylene	21.54	276	24829	4.90	ng	95

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

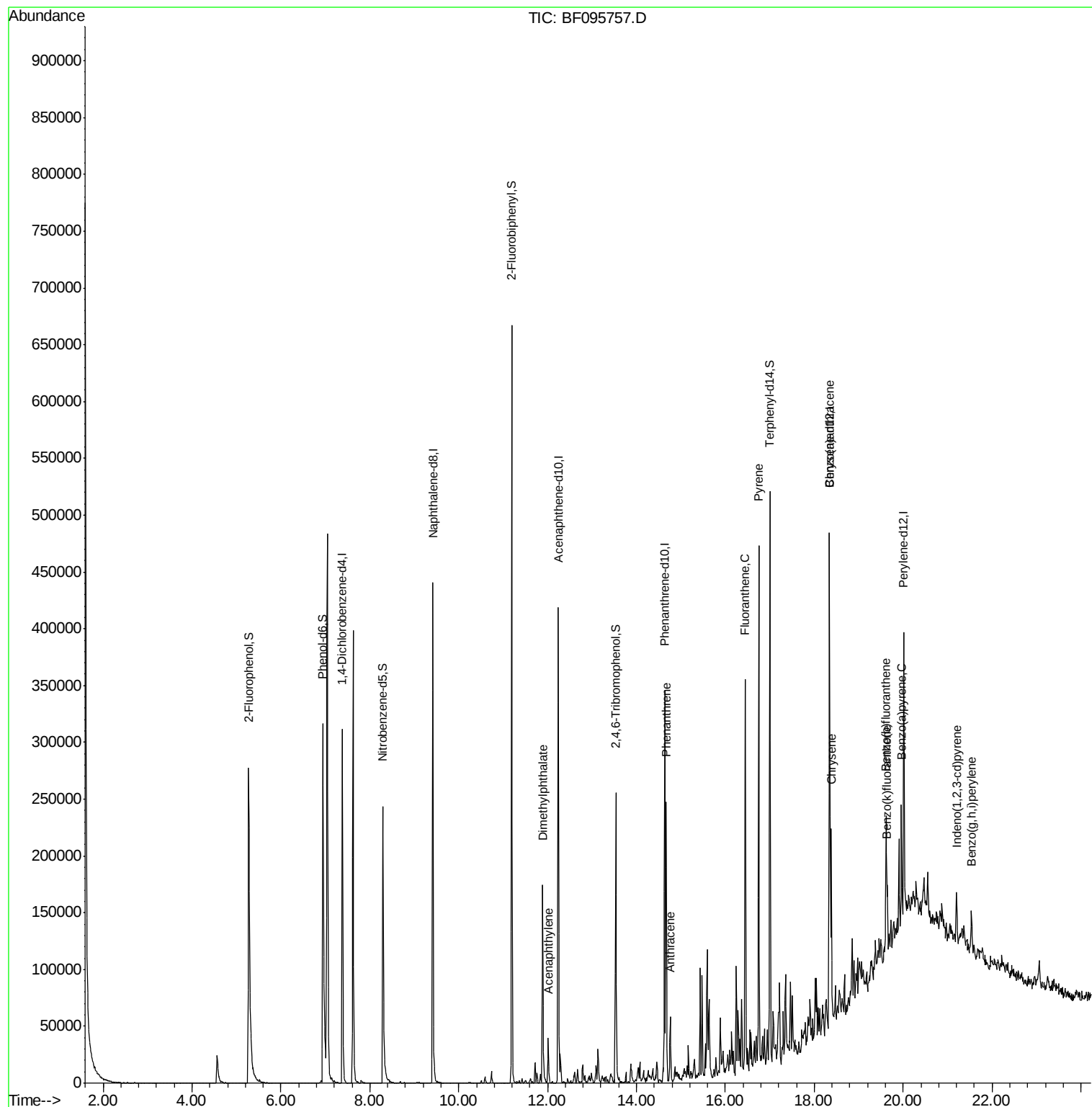
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
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Sample : I3500-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

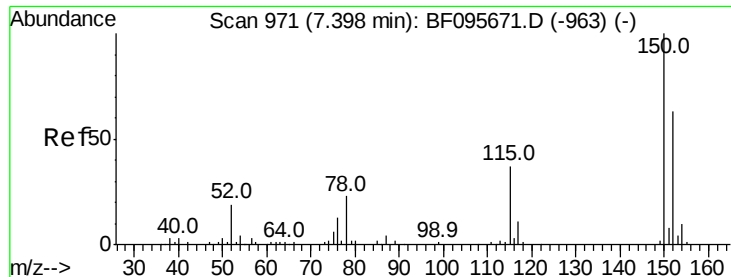
Instrument :
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Quant Time: Jun 08 05:29:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
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#1

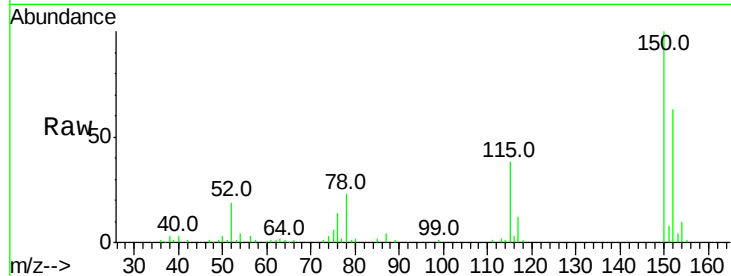
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095757.D
Acq: 7 Jun 2017 21:07

Instrument :
BNA_F
ClientSampleId :
OR-01-060617

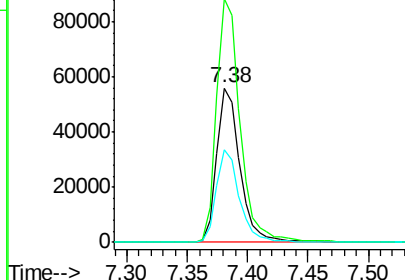
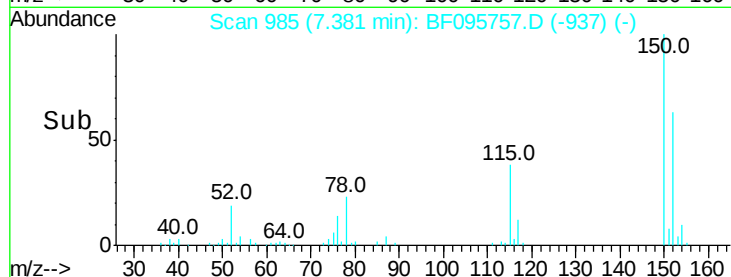
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	59.6	52.2	78.2

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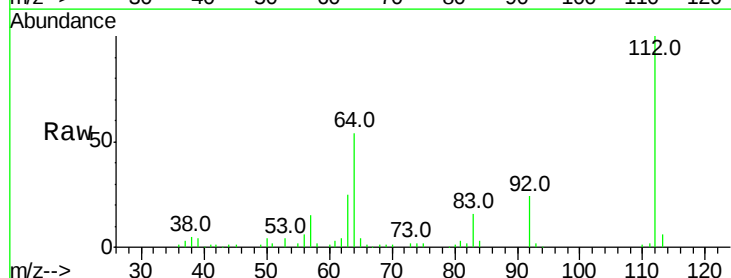
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



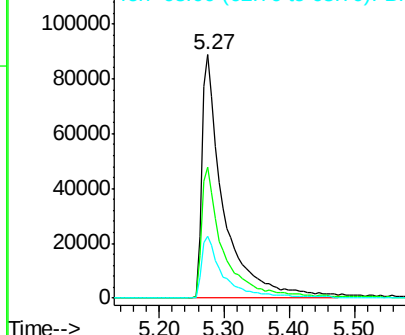
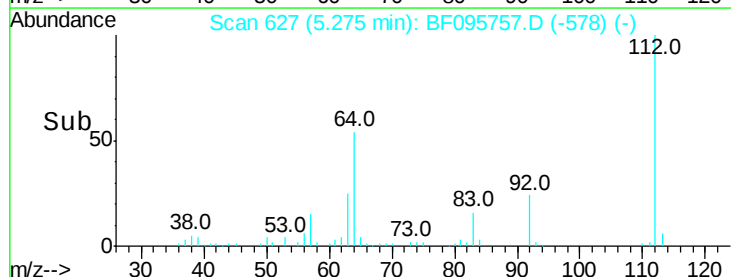
#5

2-Fluorophenol
Concen: 43.92 ng
RT: 5.27 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF095757.D
Acq: 7 Jun 2017 21:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	25.2	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: 45.51 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095757.D

Acq: 7 Jun 2017 21:07

Instrument :

BNA_F

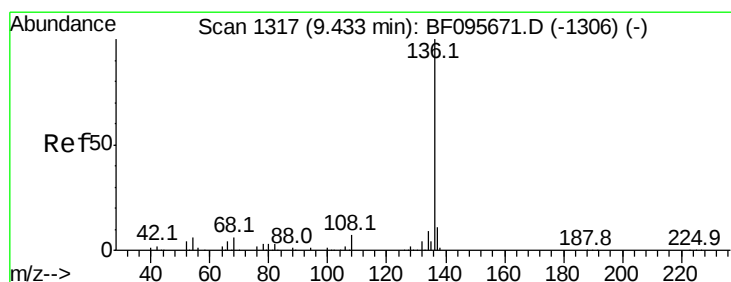
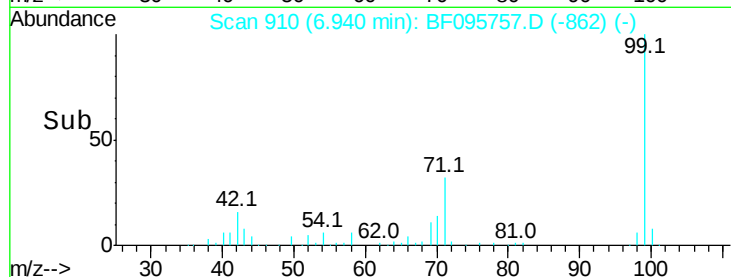
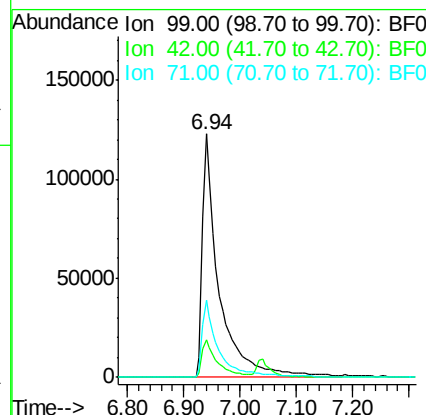
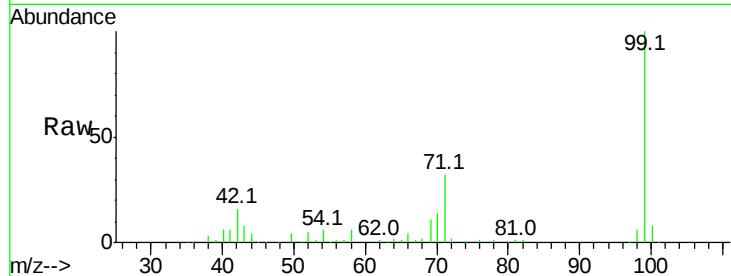
ClientSampleId :

OR-01-060617

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		253600		
42	15.6	13.5	20.3		
71	31.6	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

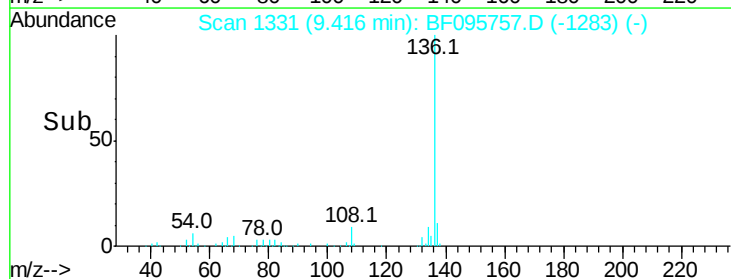
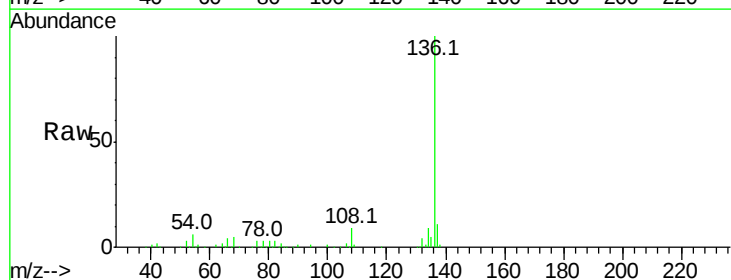
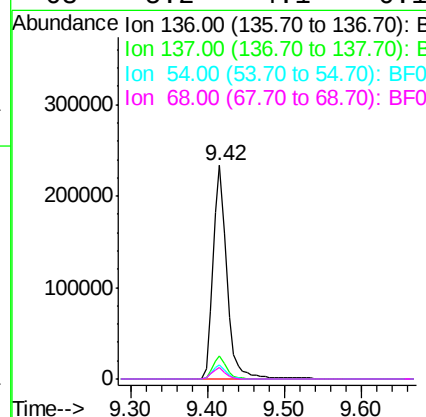
RT: 9.42 min Scan# 1331

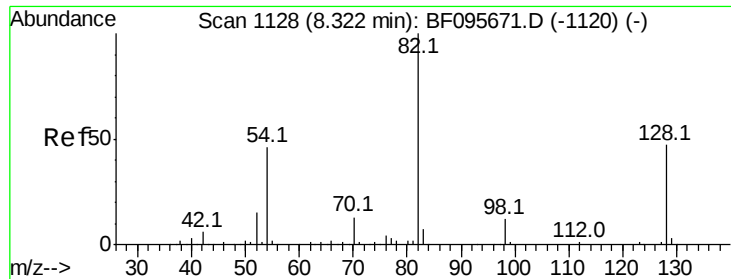
Delta R.T. -0.02 min

Lab File: BF095757.D

Acq: 7 Jun 2017 21:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		288036		
137	10.7	8.5	12.7		
54	6.5	4.9	7.3		
68	5.2	4.1	6.1		





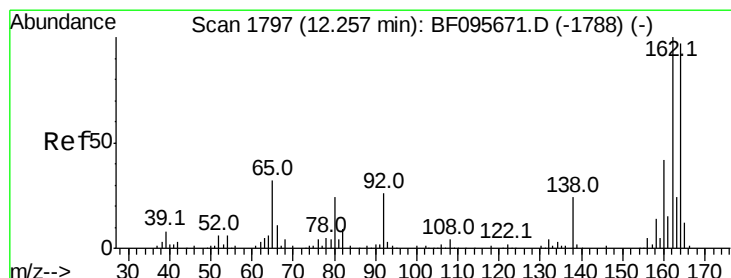
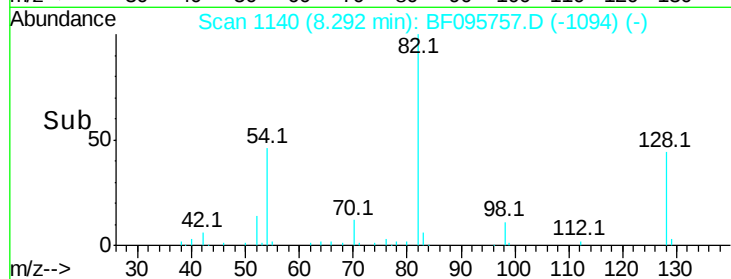
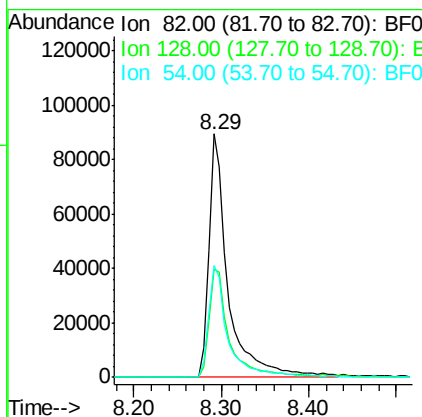
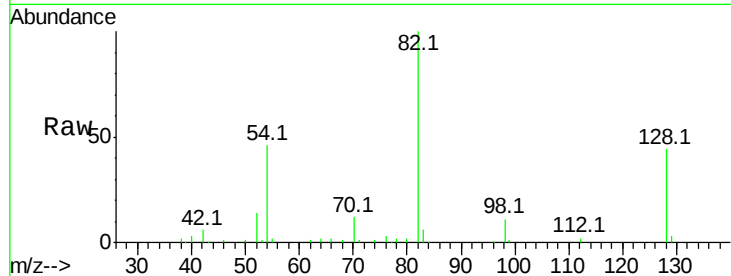
#23
 Nitrobenzene-d5
 Concen: 29.43 ng
 RT: 8.29 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: BF095757.D
 Acq: 7 Jun 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-060617

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.0	51.0
54	46.1	42.2	63.2

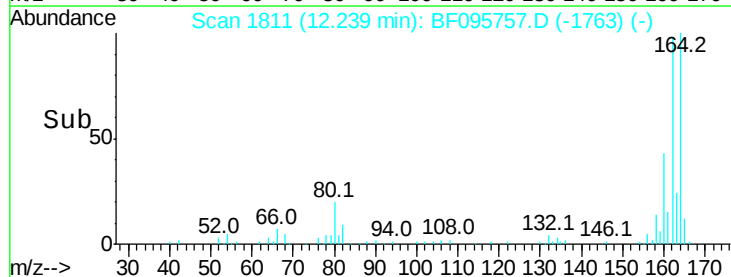
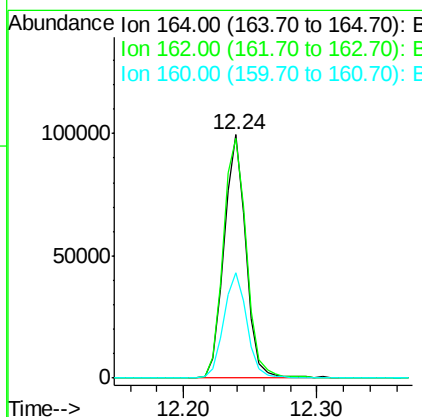
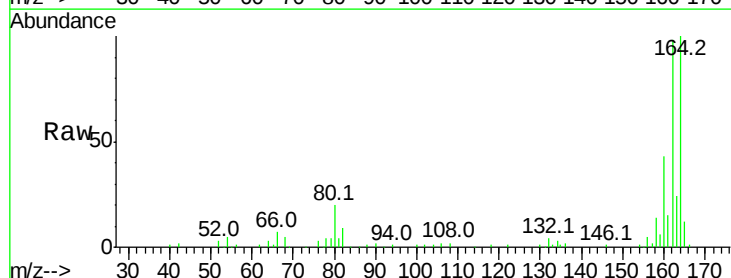
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.24 min Scan# 1811
 Delta R.T. -0.02 min
 Lab File: BF095757.D
 Acq: 7 Jun 2017 21:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	82.6	123.8
160	43.4	36.2	54.2





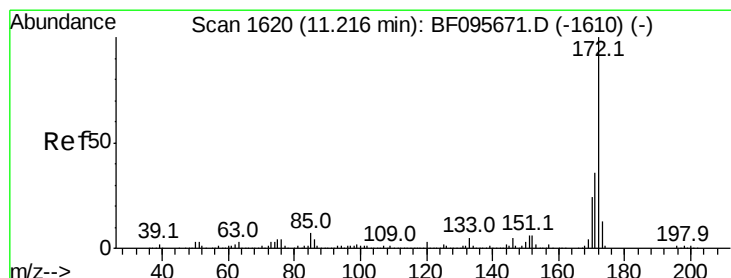
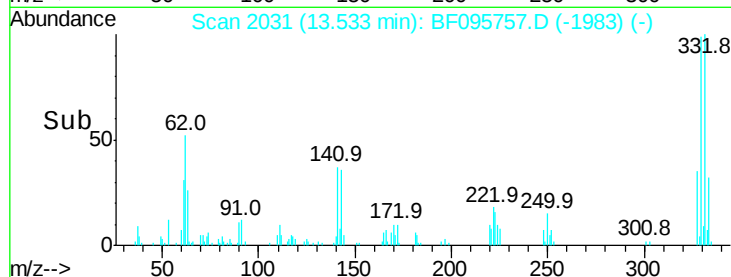
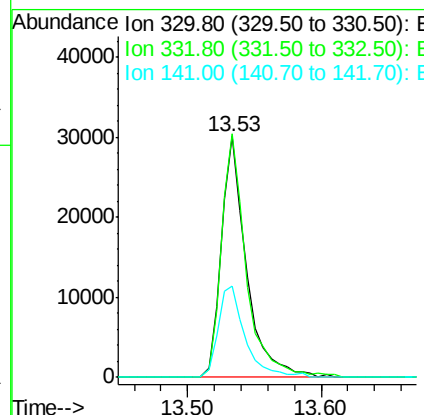
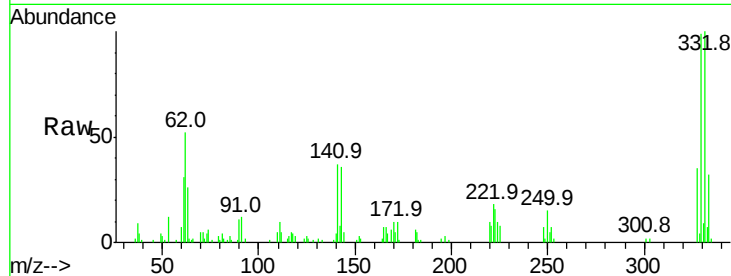
#41
 2,4,6-Tribromophenol
 Concen: 39.19 ng
 RT: 13.53 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF095757.D
 Acq: 7 Jun 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-060617

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.9	76.6	115.0
141	40.5	31.4	47.2

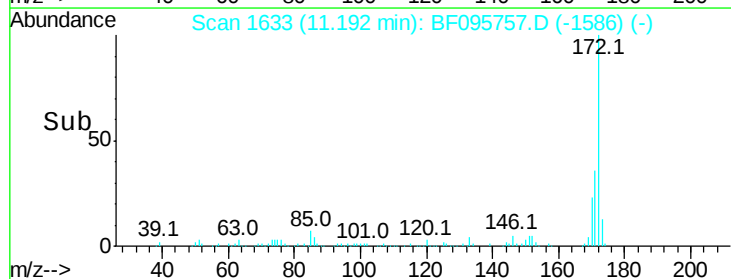
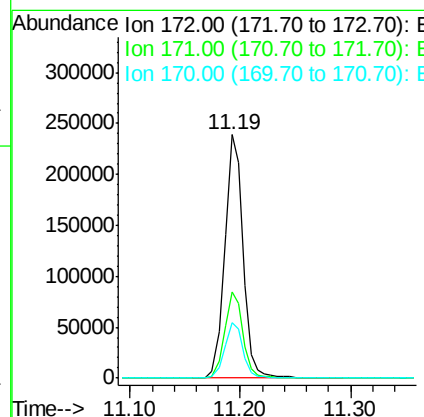
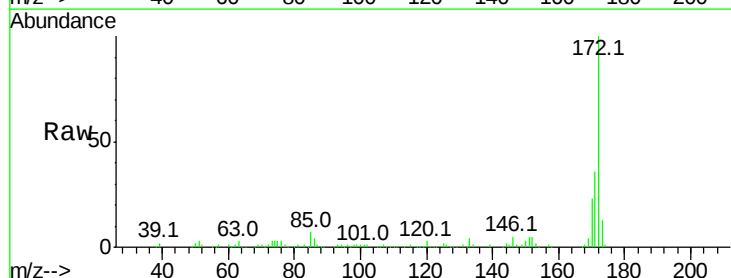
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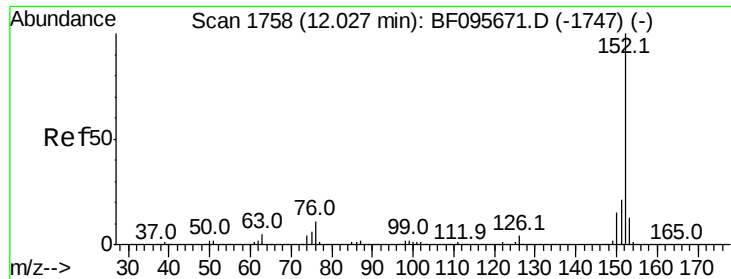
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#44
 2-Fluorobiphenyl
 Concen: 33.41 ng
 RT: 11.19 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095757.D
 Acq: 7 Jun 2017 21:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.0	19.8	29.8





#48

Acenaphthylene

Concen: 2.23 ng

RT: 12.01 min Scan# 1772

Delta R.T. -0.02 min

Lab File: BF095757.D

Acq: 7 Jun 2017 21:07

Instrument :

BNA_F

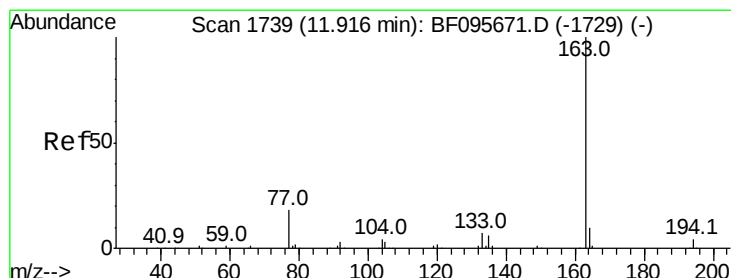
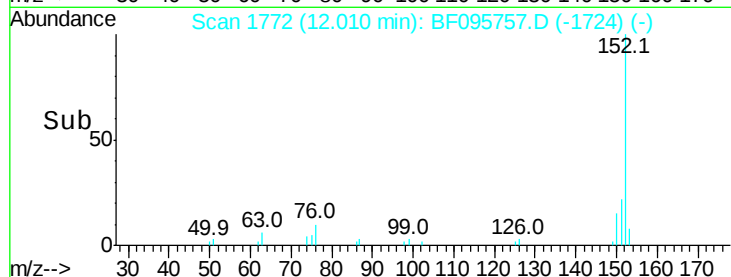
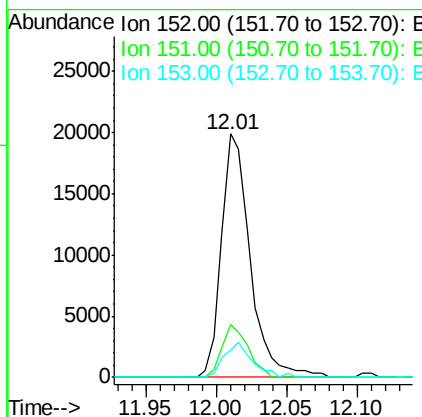
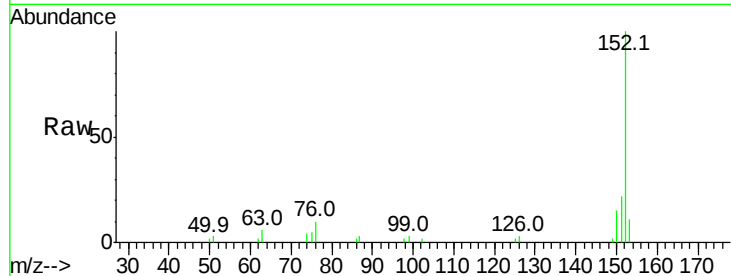
ClientSampleId :

OR-01-060617

Tot Ion:	152	Resp:	28260
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.8	25.2
153	11.1	10.8	16.2

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#49

Dimethylphthalate

Concen: 11.77 ng

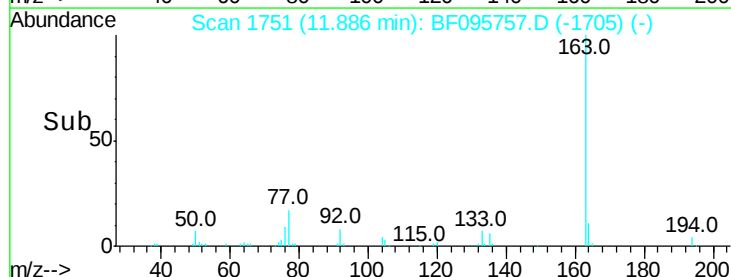
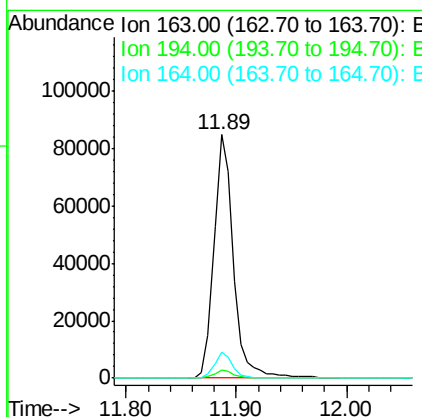
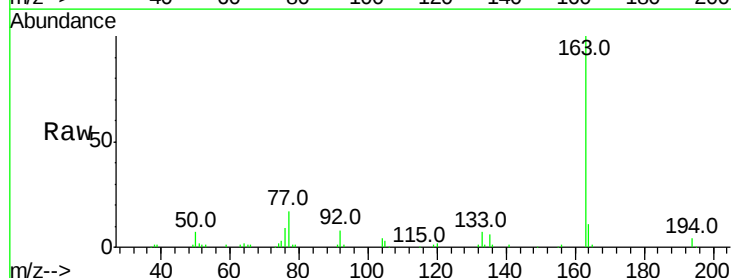
RT: 11.89 min Scan# 1751

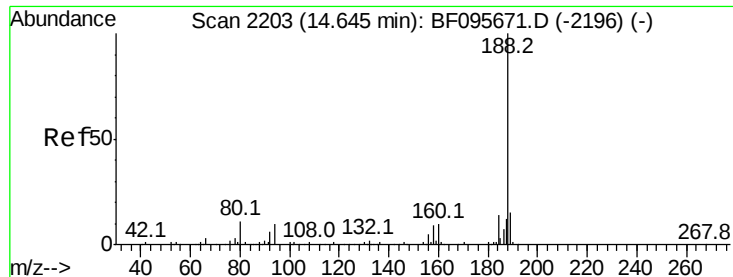
Delta R.T. -0.03 min

Lab File: BF095757.D

Acq: 7 Jun 2017 21:07

Tgt Ion:	163	Resp:	102891
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.6	4.0
164	10.5	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BF095757.D

Acq: 7 Jun 2017 21:07

Instrument :

BNA_F

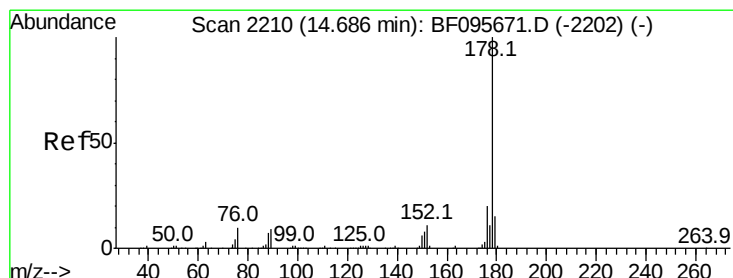
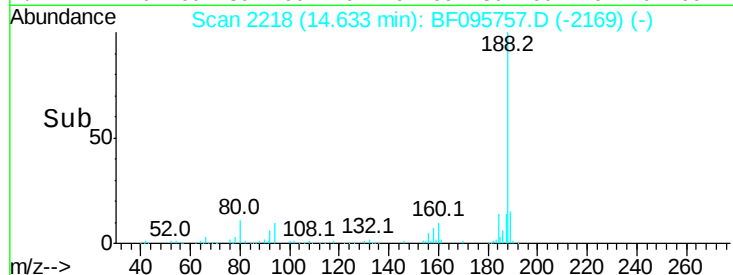
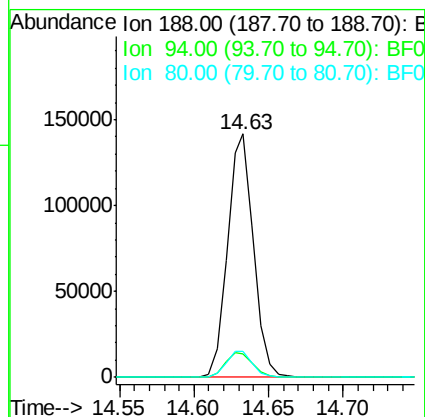
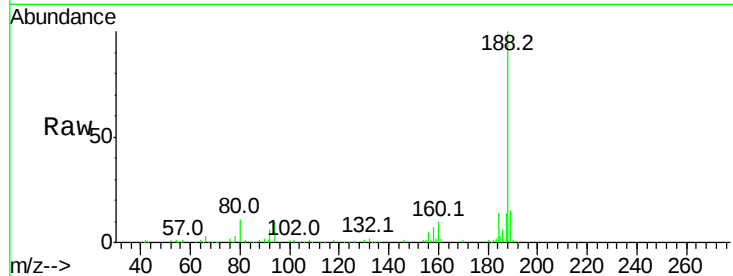
ClientSampleId :

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Tot Ion:	188	Resp:	172298
Ion Ratio	Lower	Upper	
188	100		
94	9.9	9.4	14.2
80	10.7	10.2	15.2

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#70

Phenanthrene

Concen: 13.32 ng

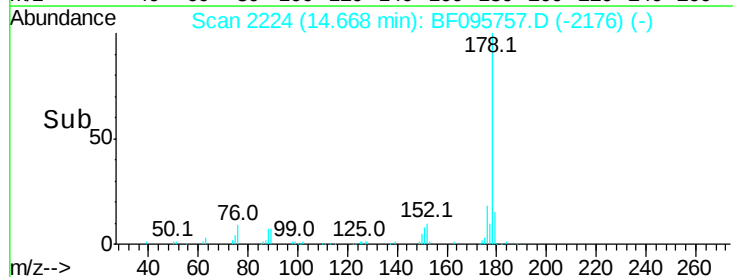
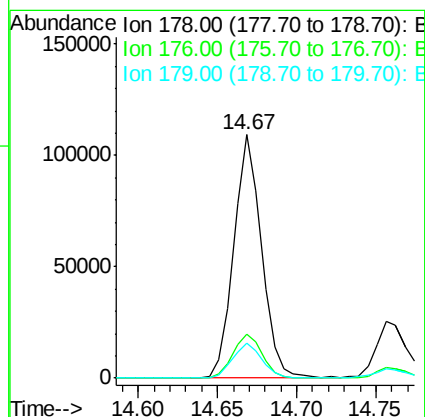
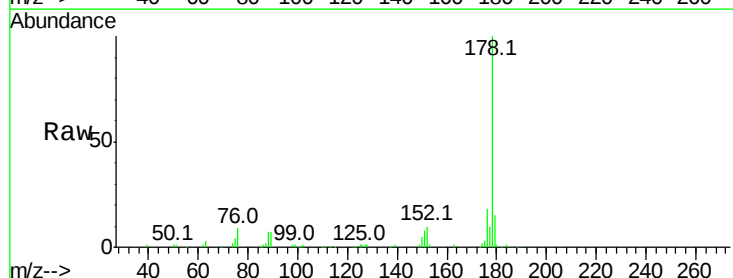
RT: 14.67 min Scan# 2224

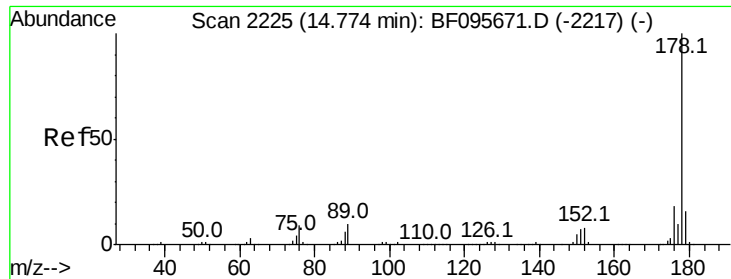
Delta R.T. -0.02 min

Lab File: BF095757.D

Acq: 7 Jun 2017 21:07

Tgt Ion:	178	Resp:	132401
Ion Ratio	Lower	Upper	
178	100		
176	17.8	16.2	24.4
179	14.5	12.6	19.0





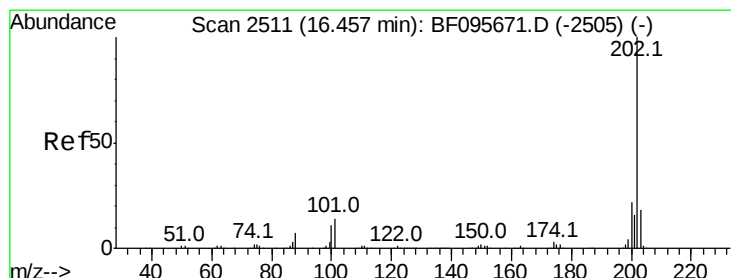
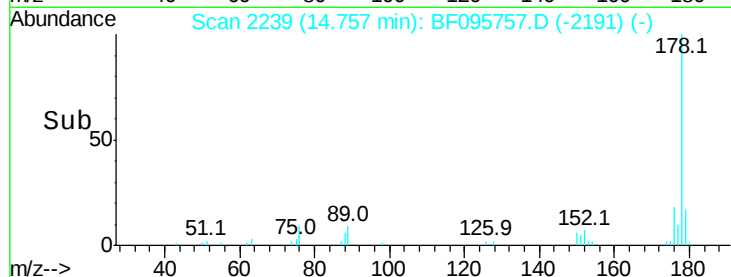
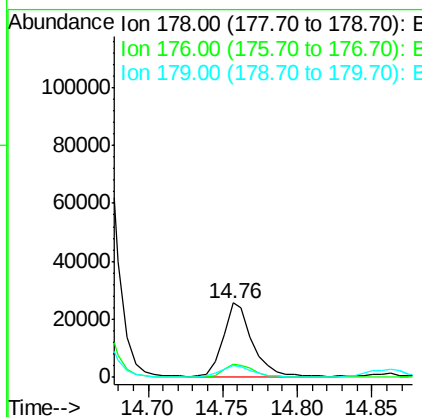
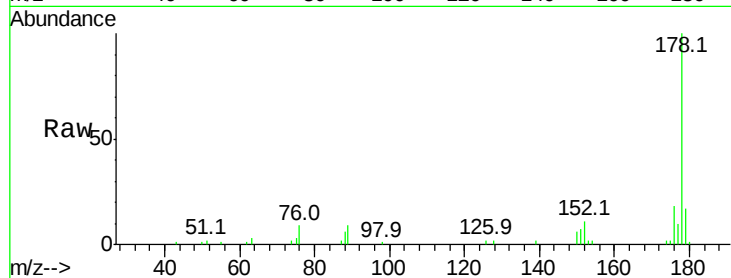
#71
 Anthracene
 Concen: 3.34 ng
 RT: 14.76 min Scan# 2239
 Delta R.T. -0.02 min
 Lab File: BF095757.D
 Acq: 7 Jun 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-060617

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	16.7	12.7	19.1

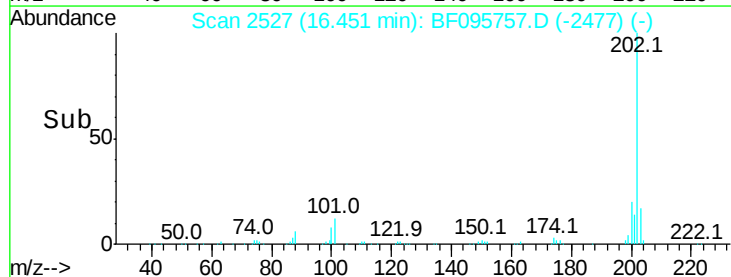
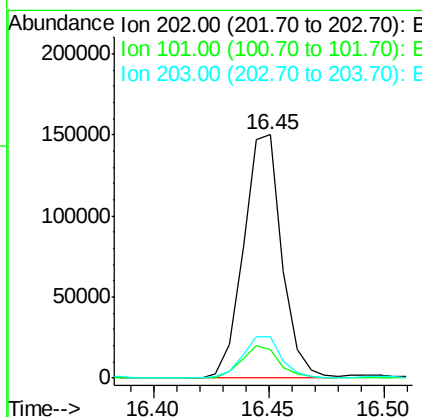
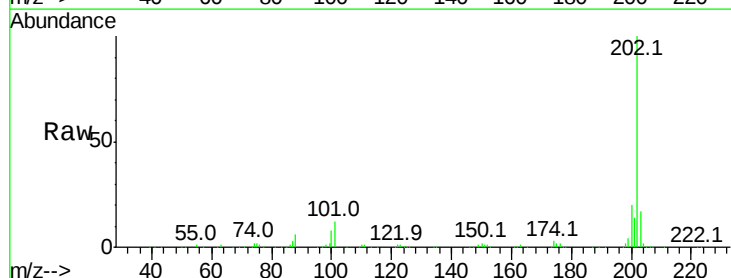
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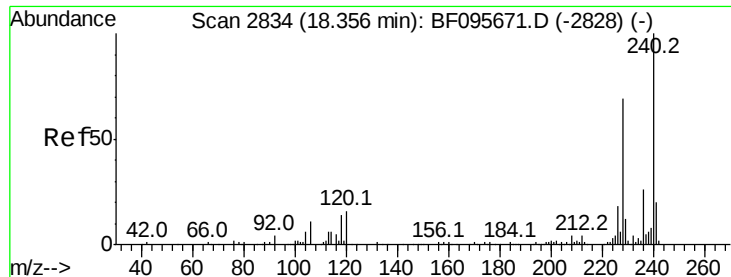
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#74
 Fluoranthene
 Concen: 17.65 ng
 RT: 16.45 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BF095757.D
 Acq: 7 Jun 2017 21:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.35 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BF095757.D

Acq: 7 Jun 2017 21:07

Instrument :

BNA_F

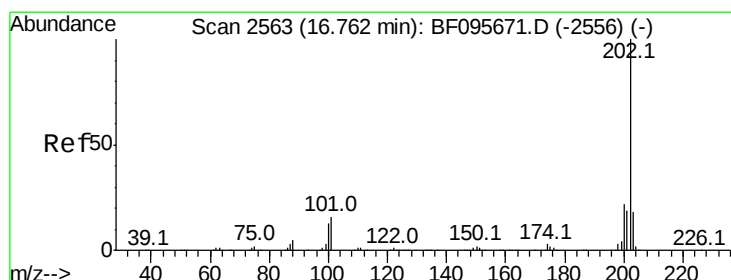
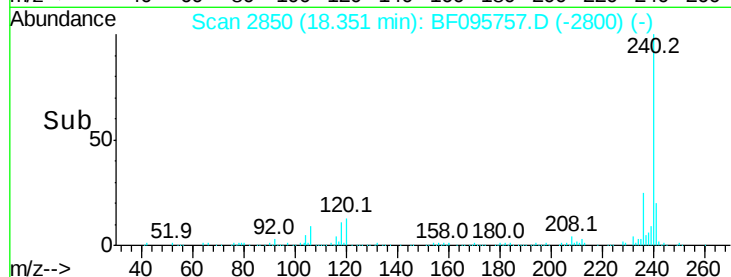
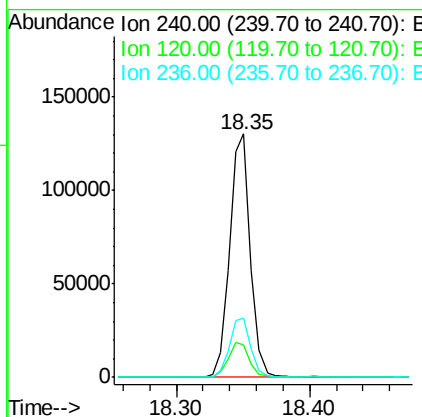
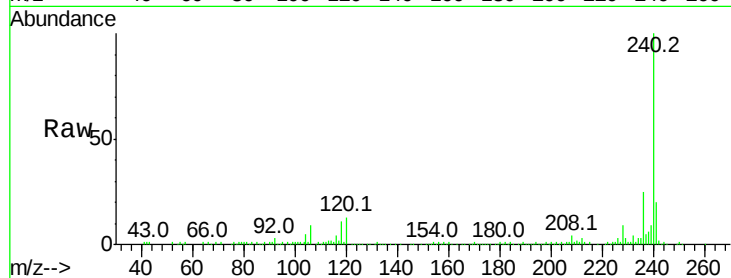
ClientSampleId :

OR-01-060617

Tot Ion:	240	Resp:	142101
Ion Ratio	Lower	Upper	
240	100		
120	13.1	5.8	8.8#
236	24.6	20.5	30.7

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#77

Pyrene

Concen: 18.49 ng

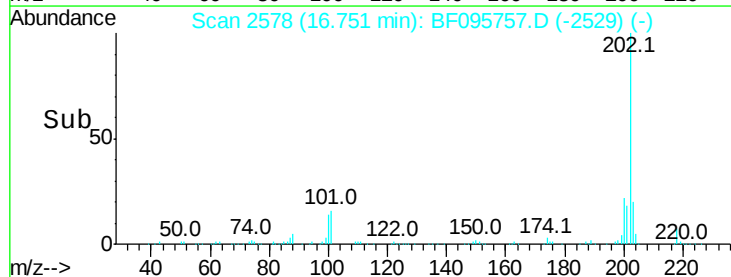
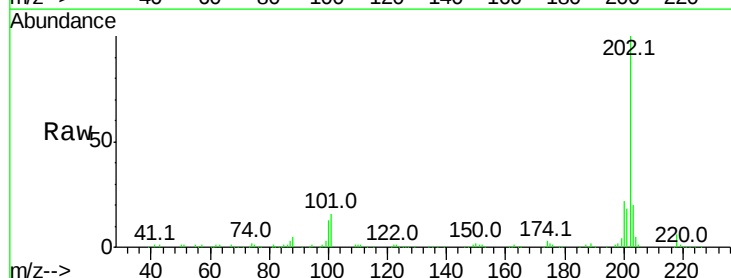
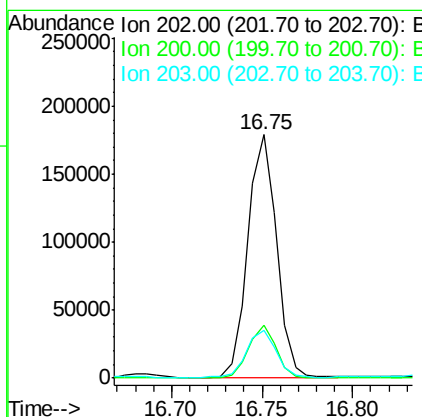
RT: 16.75 min Scan# 2578

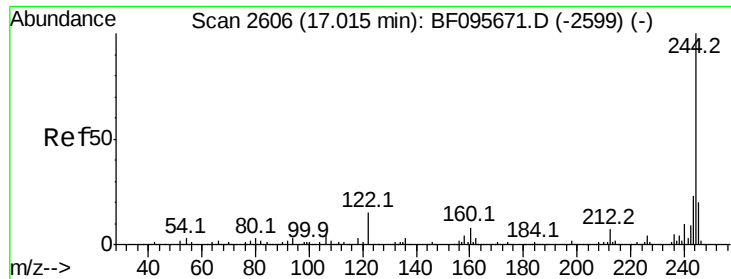
Delta R.T. -0.01 min

Lab File: BF095757.D

Acq: 7 Jun 2017 21:07

Tgt Ion:	202	Resp:	196016
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.6	26.4
203	19.9	14.4	21.6





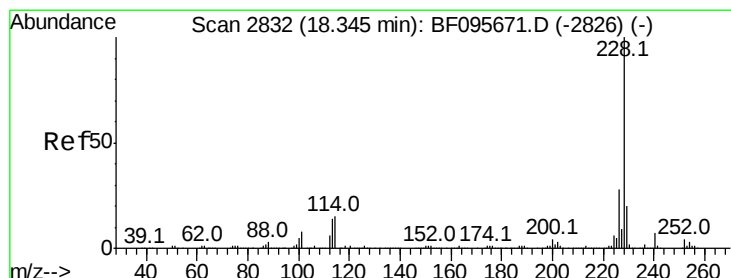
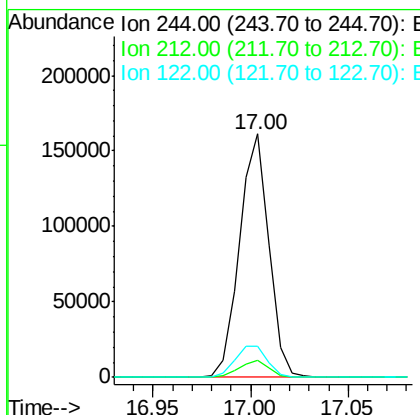
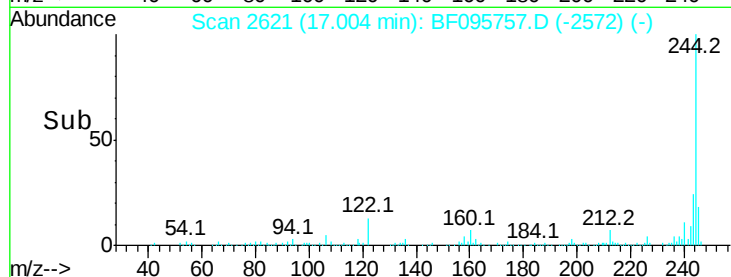
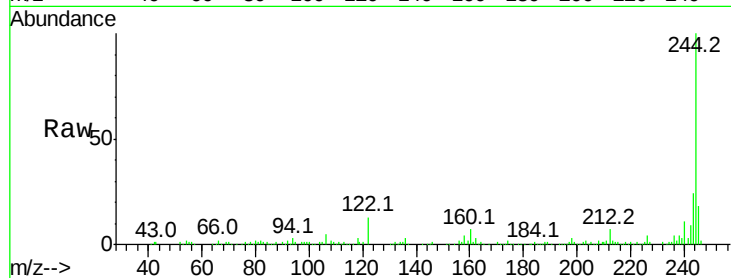
#78
 Terphenyl-d14
 Concen: 29.30 ng
 RT: 17.00 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF095757.D
 Acq: 7 Jun 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-060617

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	12.6	10.3	15.5

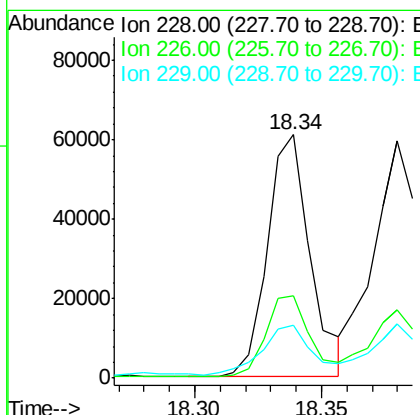
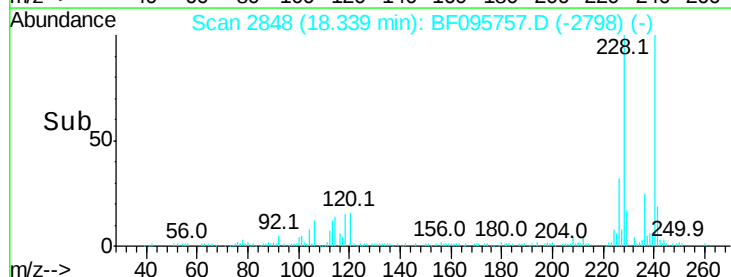
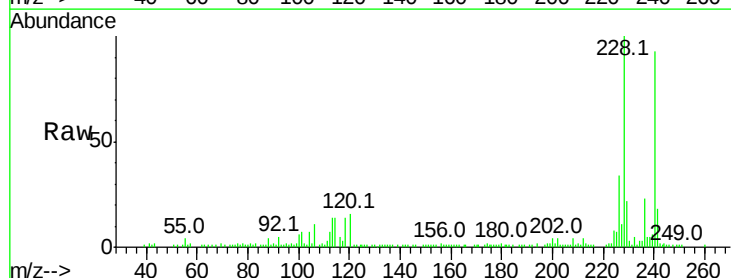
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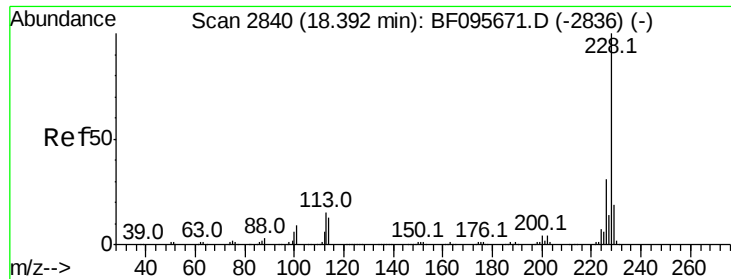
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#80
 Benzo(a)anthracene
 Concen: 8.71 ng
 RT: 18.34 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095757.D
 Acq: 7 Jun 2017 21:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.6	33.8
229	21.8	16.3	24.5





#82

Chrysene

Concen: 9.07 ng

RT: 18.38 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BF095757.D

Acq: 7 Jun 2017 21:07

Instrument :

BNA_F

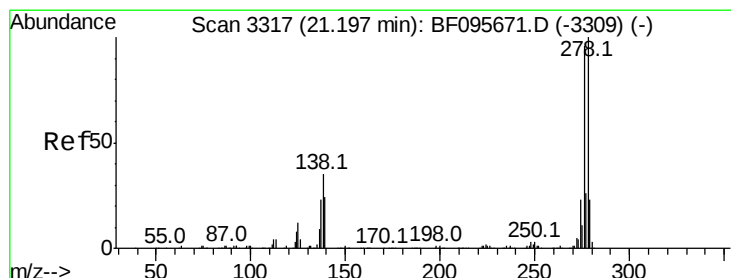
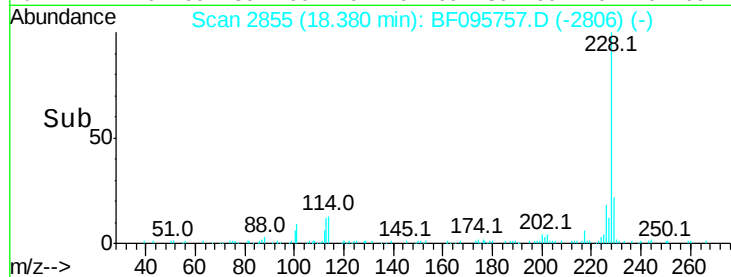
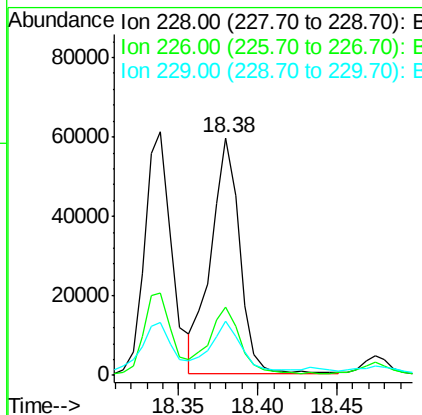
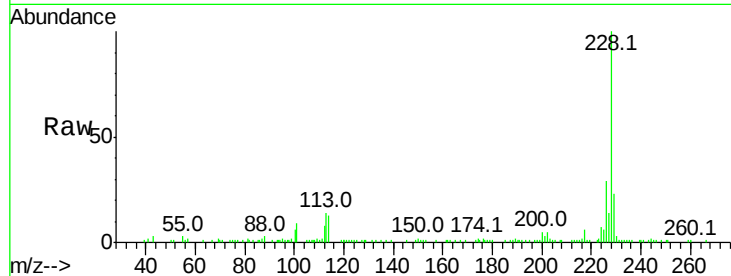
ClientSampleId :

OR-01-060617

Tot Ion:	228	Resp:	74910
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.9	37.3
229	22.9	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.07 ng

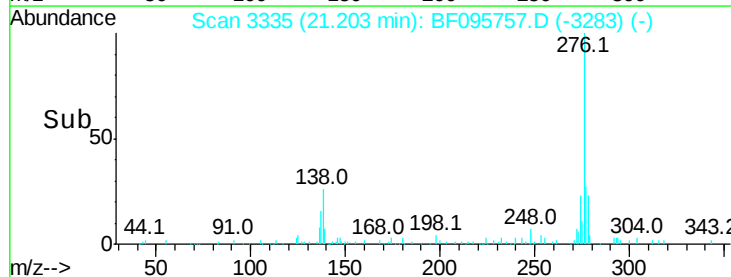
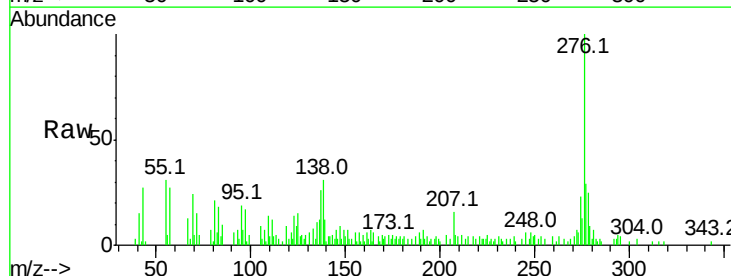
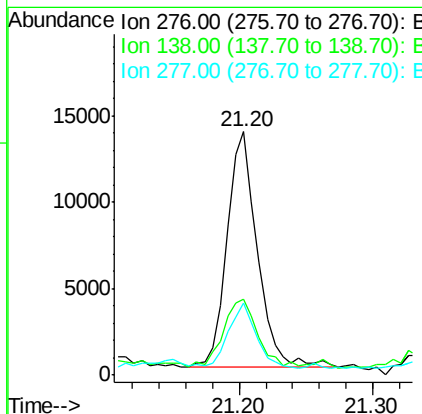
RT: 21.20 min Scan# 3335

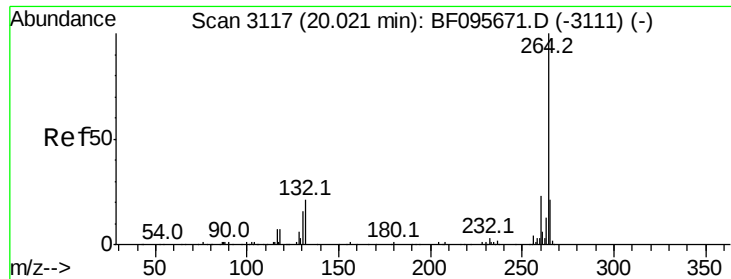
Delta R.T. 0.01 min

Lab File: BF095757.D

Acq: 7 Jun 2017 21:07

Tgt Ion:	276	Resp:	21655
Ion Ratio	Lower	Upper	
276	100		
138	34.0	27.8	41.6
277	25.6	20.2	30.4





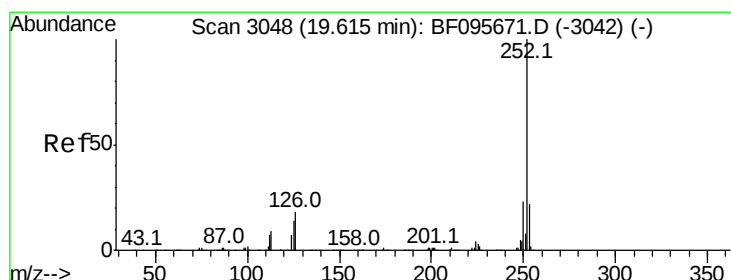
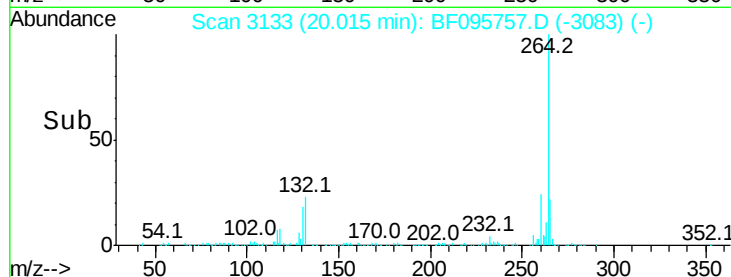
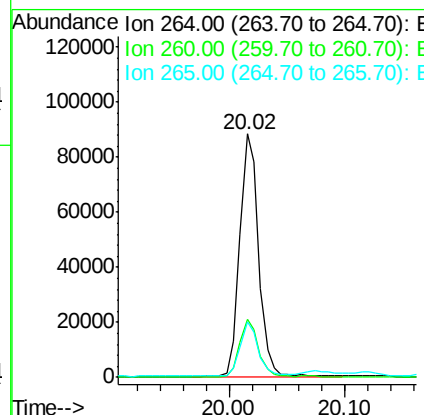
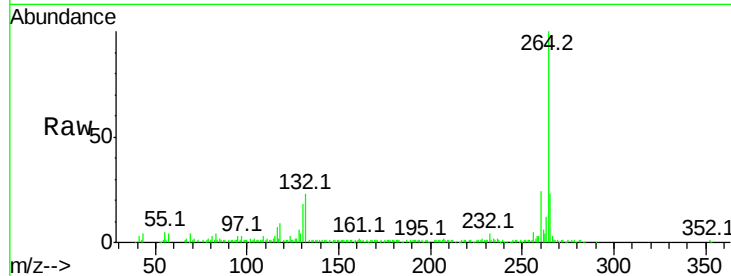
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF095757.D
Acq: 7 Jun 2017 21:07

Instrument :
BNA_F
ClientSampleId :
OR-01-060617

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.7	17.2	25.8

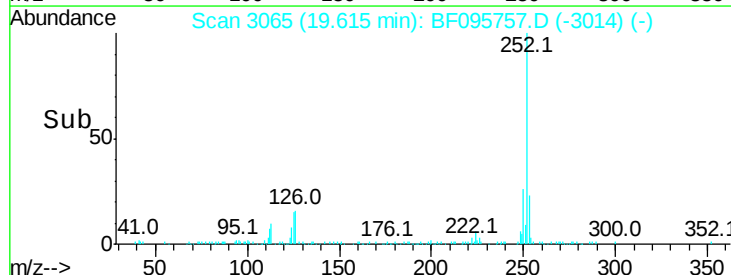
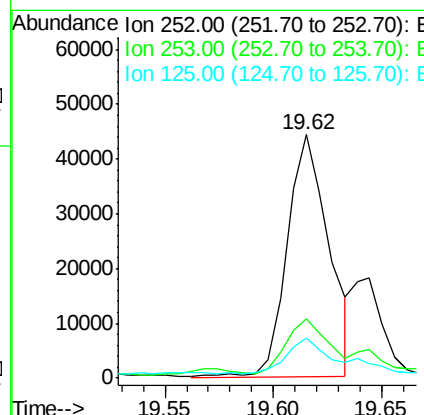
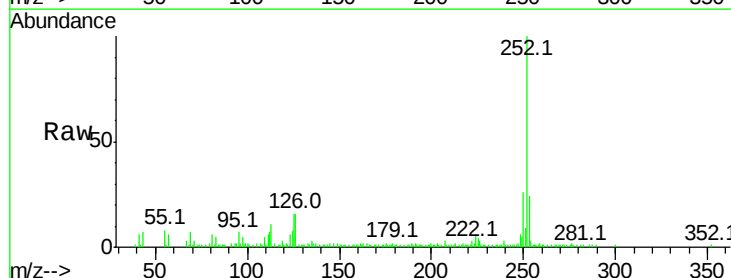
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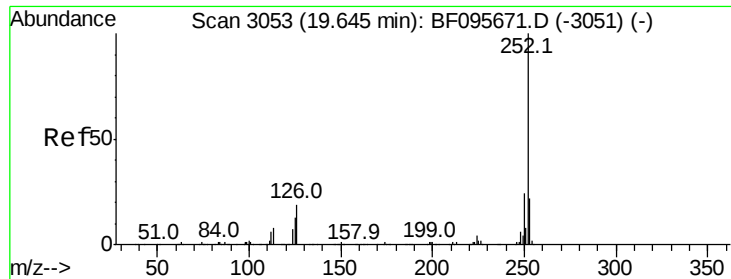
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#87
Benzo(b)fluoranthene
Concen: 9.27 ng m
RT: 19.62 min Scan# 3065
Delta R.T. 0.00 min
Lab File: BF095757.D
Acq: 7 Jun 2017 21:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	16.4	9.8	14.8





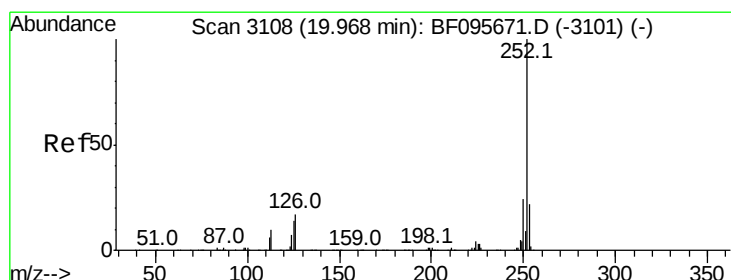
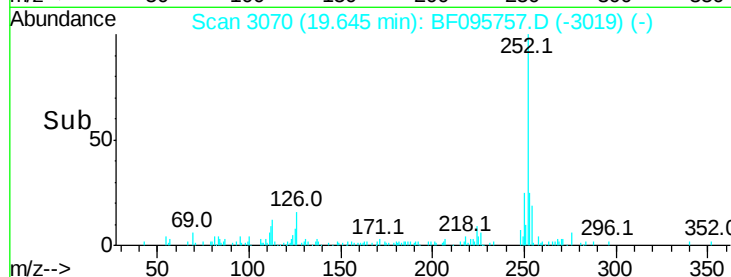
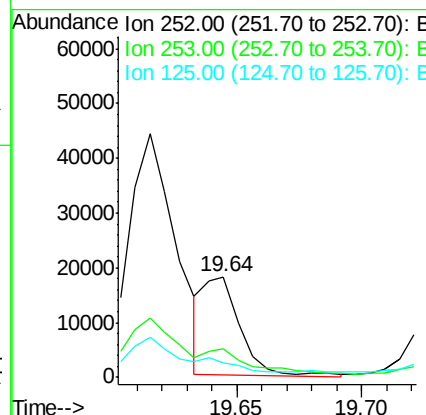
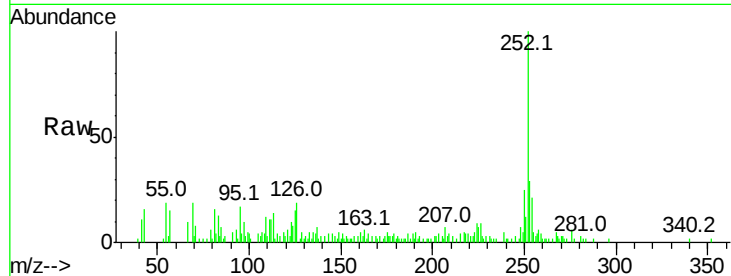
#88
Benzo(k)fluoranthene
Concen: 3.01 ng m
RT: 19.64 min Scan# 3070
Delta R.T. 0.00 min
Lab File: BF095757.D
Acq: 7 Jun 2017 21:07

Instrument :
BNA_F
ClientSampleId :
OR-01-060617

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.4	27.6#
125	14.7	13.1	19.7

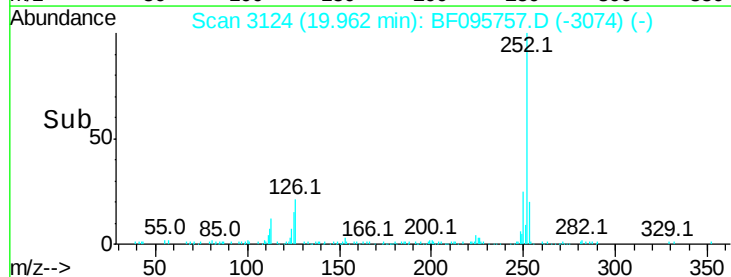
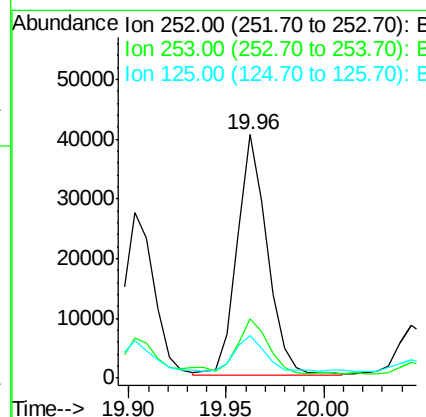
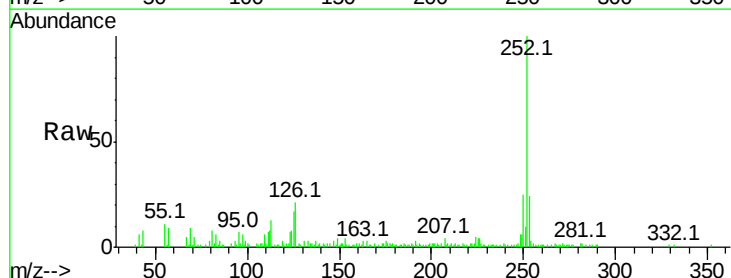
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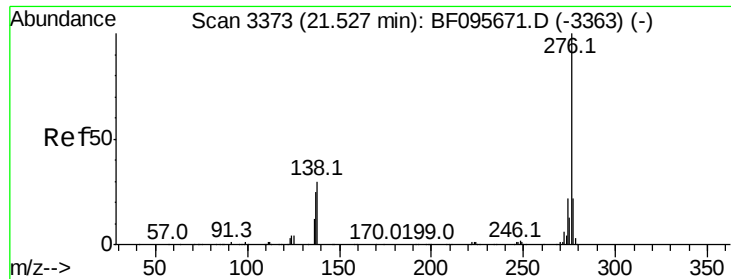
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#89
Benzo(a)pyrene
Concen: 7.37 ng
RT: 19.96 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BF095757.D
Acq: 7 Jun 2017 21:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	17.3	11.0	16.4#





#91
 Benzo(a,h,i)perylene
 Concen: 4.90 ng
 RT: 21.54 min Scan# 3392
 Delta R.T. 0.01 min
 Lab File: BF095757.D
 Acq: 7 Jun 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-060617

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.6	28.0
138	28.6	25.4	38.0

Manual Integrations
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