

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095801.D
 Acq On : 9 Jun 2017 00:46
 Operator : SJ/MA
 Sample : I3526-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-060717

Manual Integrations
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Quant Time: Jun 09 04:26:49 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	7.36	152	78442	20.00	ng	-0.04
21) Naphthalene-d8	9.40	136	316177	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	133135	20.00	ng	-0.04
63) Phenanthrene-d10	14.61	188	209207	20.00	ng	-0.04
75) Chrysene-d12	18.33	240	155768	20.00	ng	-0.03
86) Perylene-d12	20.00	264	125627	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	254210	51.64	ng	-0.03
7) Phenol-d6	6.92	99	319071	54.14	ng	-0.04
23) Nitrobenzene-d5	8.28	82	176610	34.69	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	53460	45.38	ng	-0.04
44) 2-Fluorobiphenyl	11.17	172	342121	35.76	ng	-0.04
78) Terphenyl-d14	16.99	244	213372	33.99	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	11.87	163	78495	7.77	ng	99
70) Phenanthrene	14.65	178	62615	5.19	ng	96
74) Fluoranthene	16.43	202	97394	8.15	ng	89
77) Pyrene	16.73	202	106847	9.19	ng	97
80) Benzo(a)anthracene	18.32	228	54301	6.00	ng	95
82) Chrysene	18.36	228	49570	5.48	ng	97
85) Indeno(1,2,3-cd)pyrene	21.18	276	20552	2.65	ng	95
87) Benzo(b)fluoranthene	19.60	252	61104m	7.77	ng	
88) Benzo(k)fluoranthene	19.63	252	20929m	2.78	ng	
89) Benzo(a)pyrene	19.94	252	41724	5.77	ng	# 94
91) Benzo(g,h,i)perylene	21.51	276	22369	3.58	ng	# 82

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

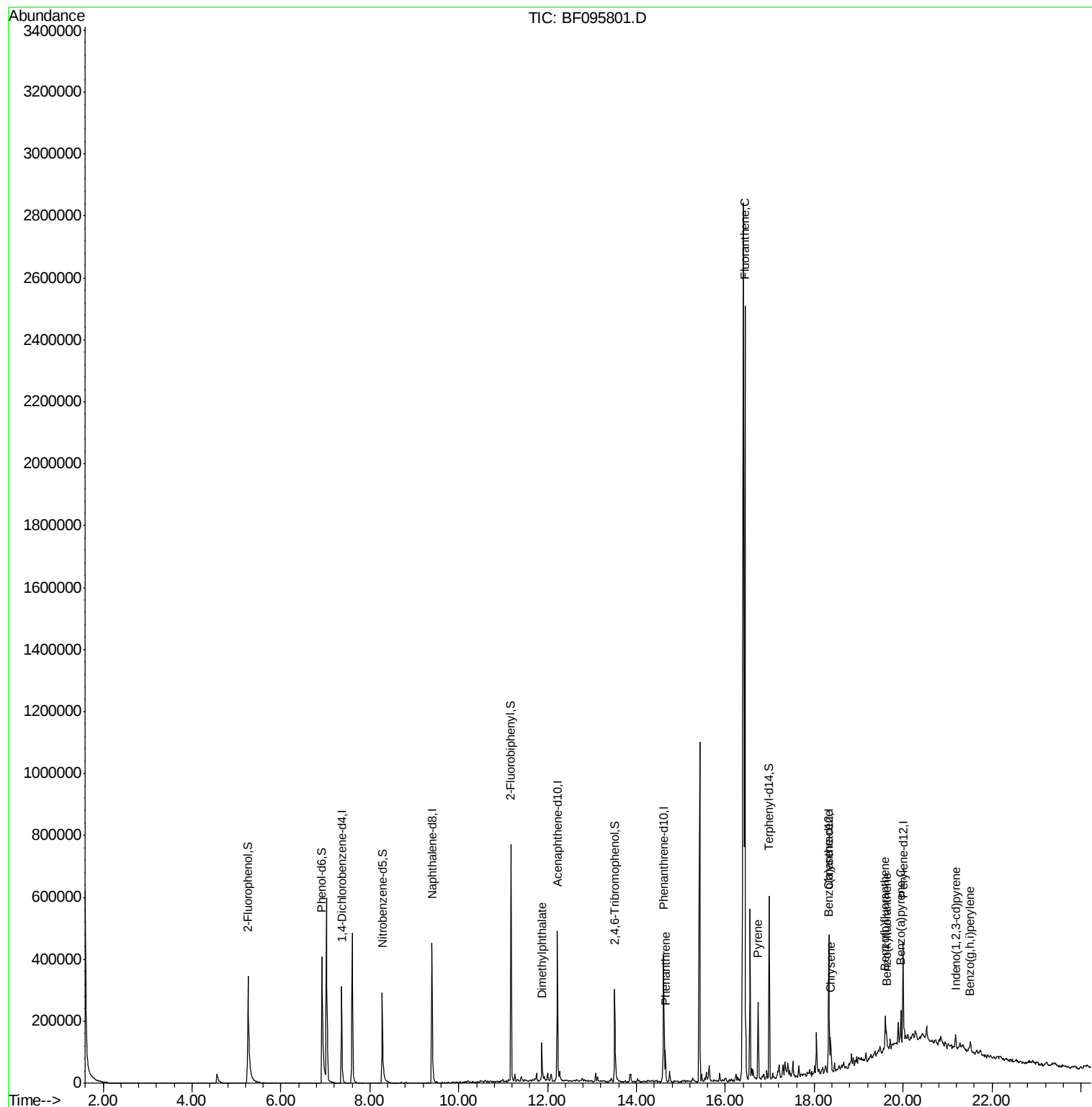
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095801.D
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Operator : SJ/MA
Sample : I3526-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

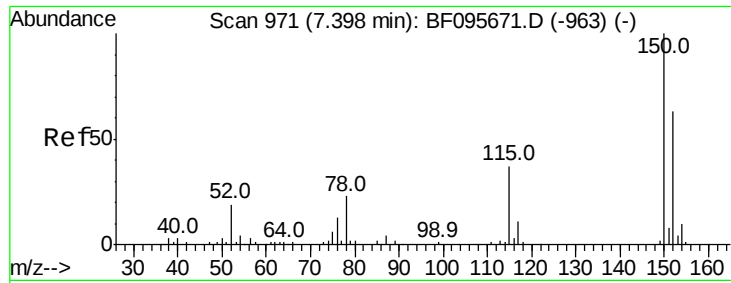
Instrument :
BNA_F
ClientSampleId :
BU-01-060717

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Quant Time: Jun 09 04:26:49 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

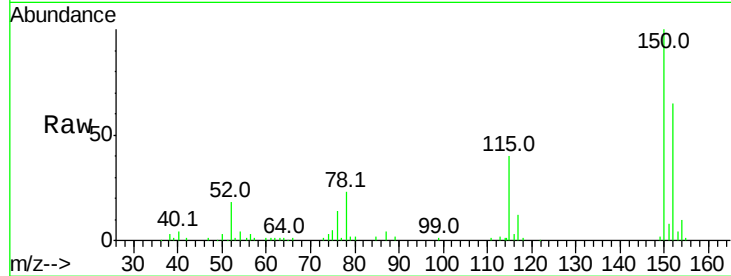
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 982
Delta R.T. -0.04 min
Lab File: BF095801.D
Acq: 9 Jun 2017 00:46

Instrument :
BNA_F
ClientSampleId :
BU-01-060717

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	61.6	52.2	78.2

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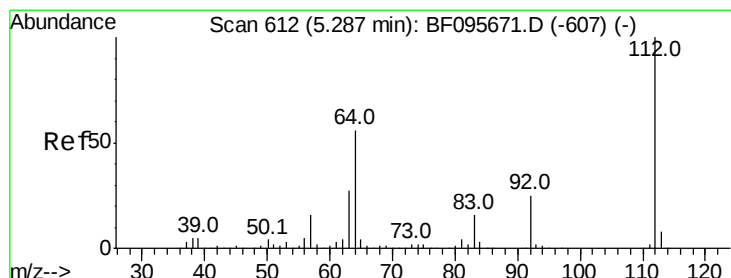
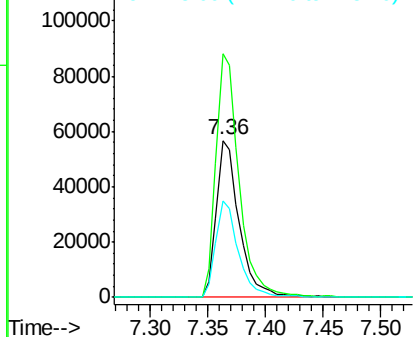
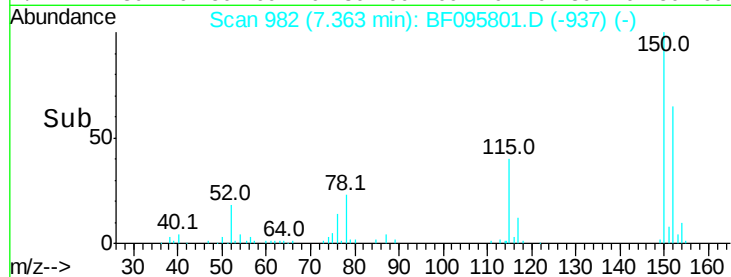


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

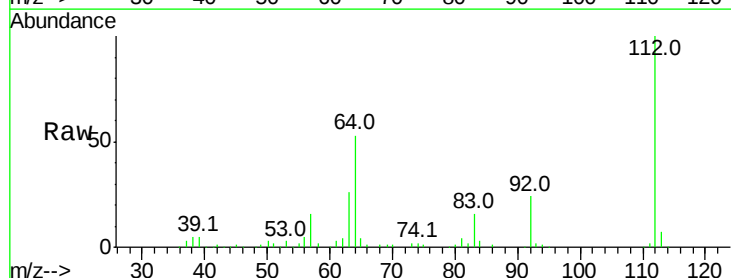
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.64 ng
RT: 5.26 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF095801.D
Acq: 9 Jun 2017 00:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	46.0	69.0
63	26.2	23.4	35.0

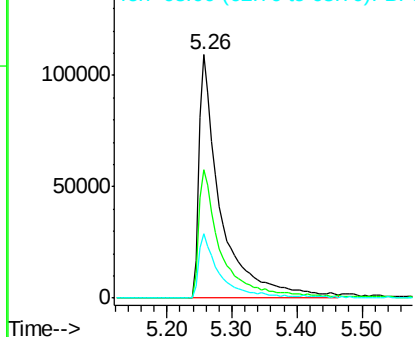
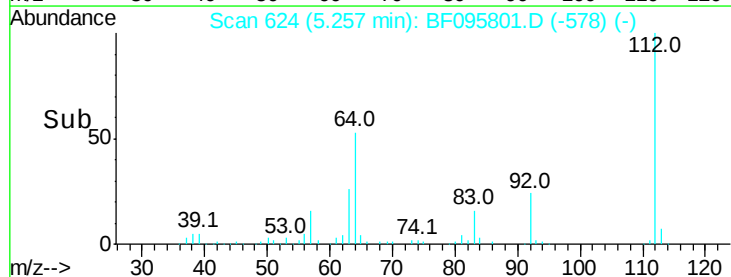


Abundance

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: 54.14 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.04 min

Lab File: BF095801.D

Acq: 9 Jun 2017 00:46

Instrument :

BNA_F

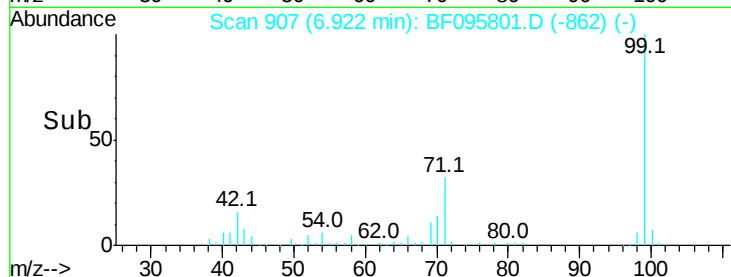
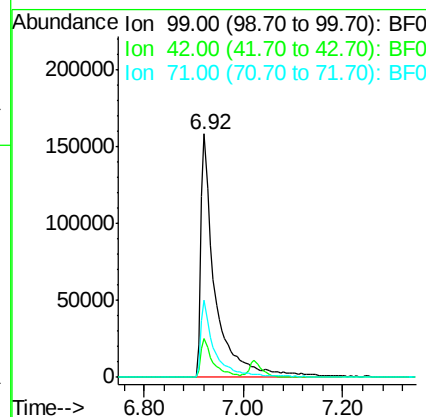
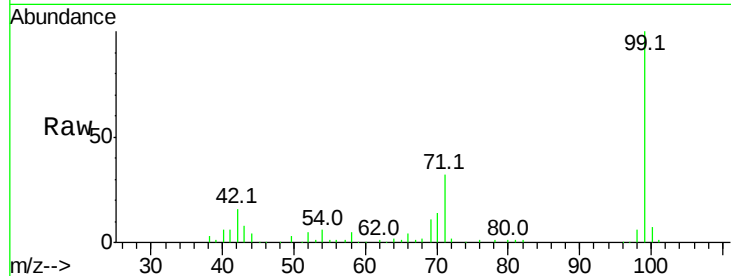
ClientSampleId :

BU-01-060717

Tot Ion:	99	Resp:	319071
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	31.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

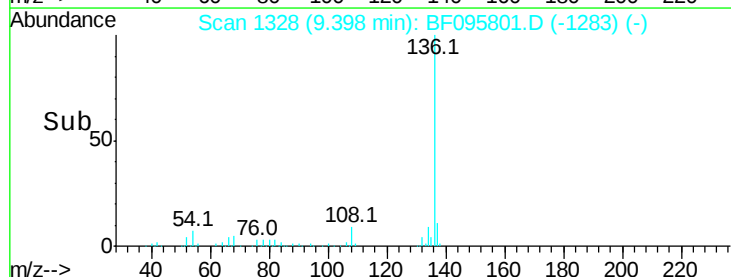
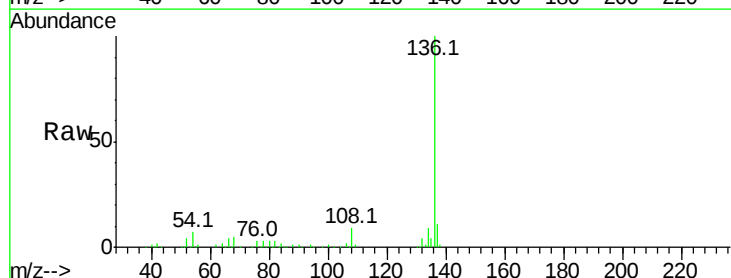
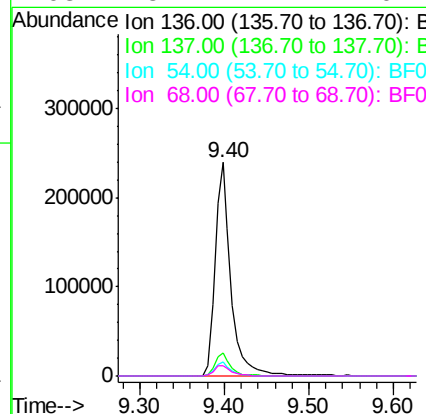
RT: 9.40 min Scan# 1328

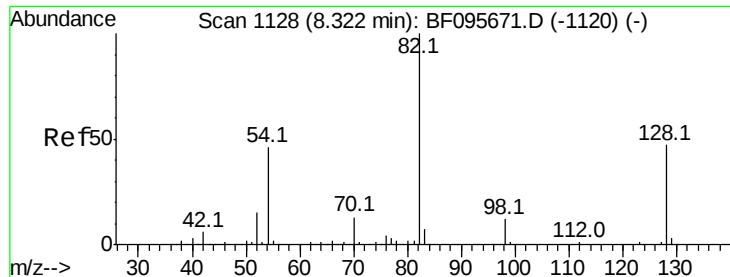
Delta R.T. -0.04 min

Lab File: BF095801.D

Acq: 9 Jun 2017 00:46

Tgt Ion:	136	Resp:	316177
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	6.5	4.9	7.3
68	5.1	4.1	6.1





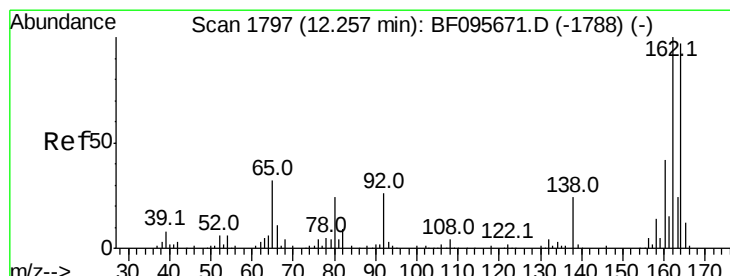
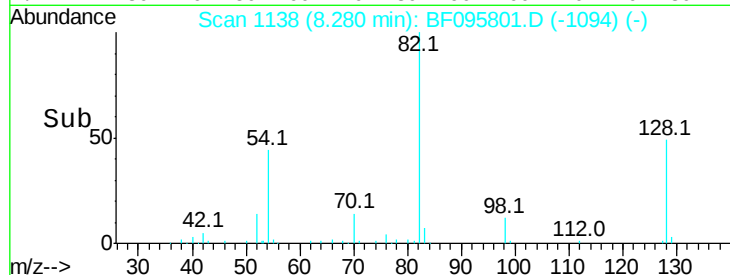
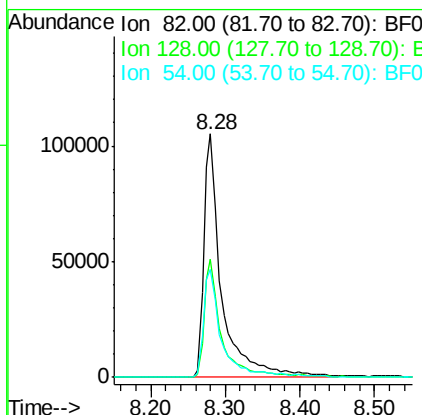
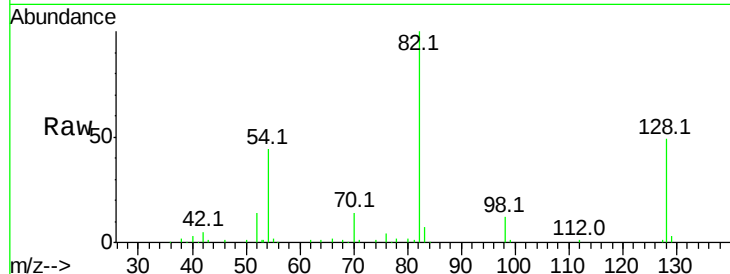
#23
 Nitrobenzene-d5
 Concen: 34.69 ng
 RT: 8.28 min Scan# 1138
 Delta R.T. -0.04 min
 Lab File: BF095801.D
 Acq: 9 Jun 2017 00:46

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-060717

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	44.5	42.2	63.2

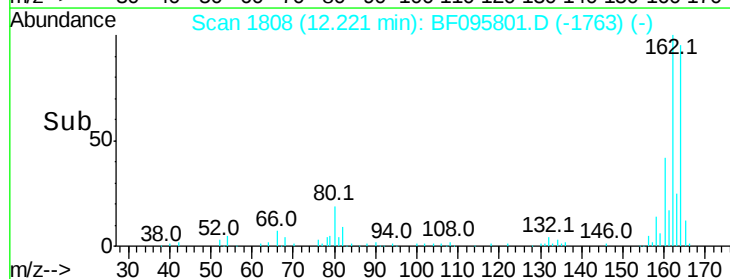
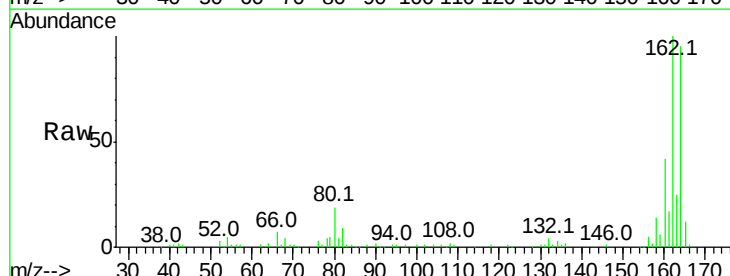
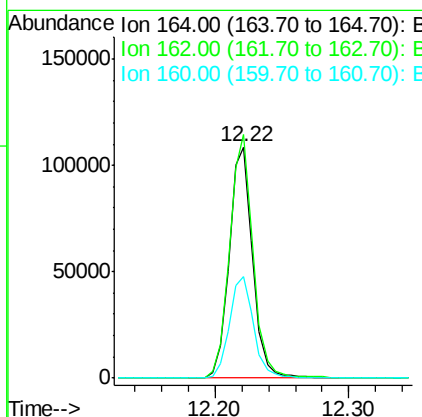
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 1808
 Delta R.T. -0.04 min
 Lab File: BF095801.D
 Acq: 9 Jun 2017 00:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.6	123.8
160	43.8	36.2	54.2





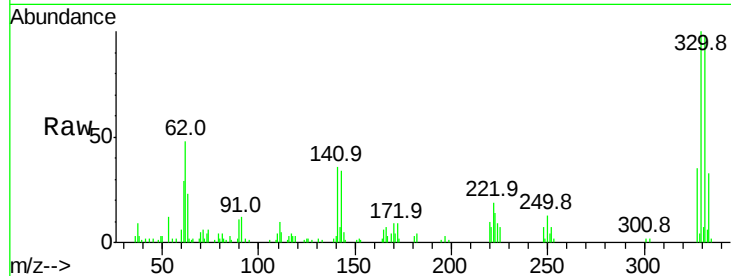
#41
 2,4,6-Tribromophenol
 Concen: 45.38 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095801.D
 Acq: 9 Jun 2017 00:46

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-060717

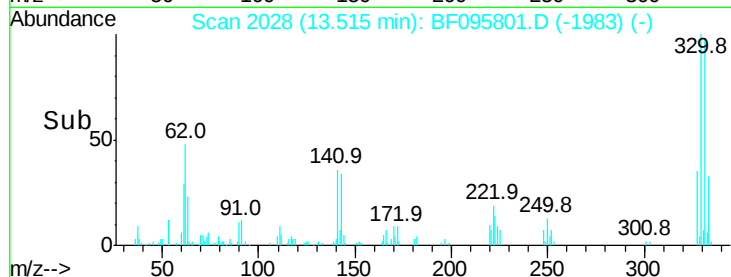
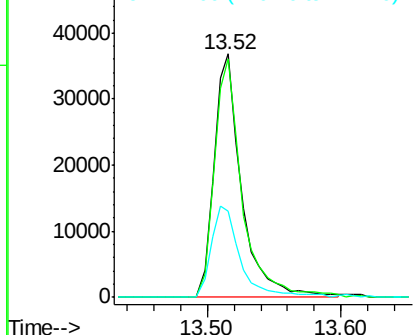
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	115.0
141	39.7	31.4	47.2

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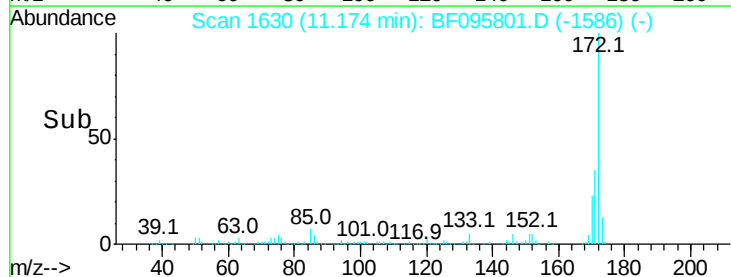
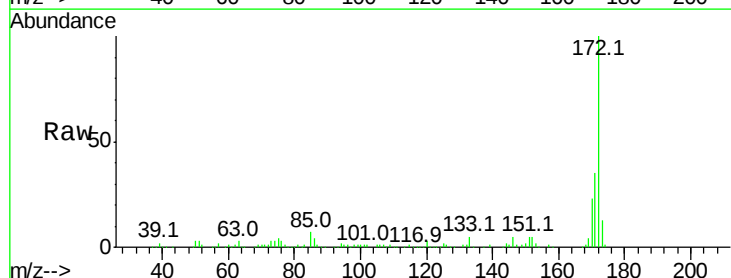
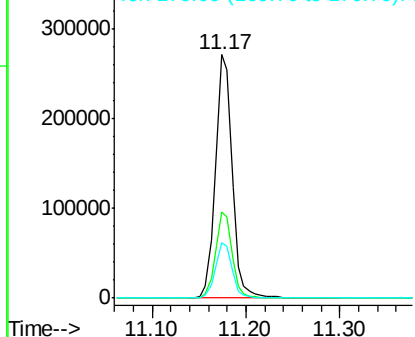
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 35.76 ng
 RT: 11.17 min Scan# 1630
 Delta R.T. -0.04 min
 Lab File: BF095801.D
 Acq: 9 Jun 2017 00:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.0	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





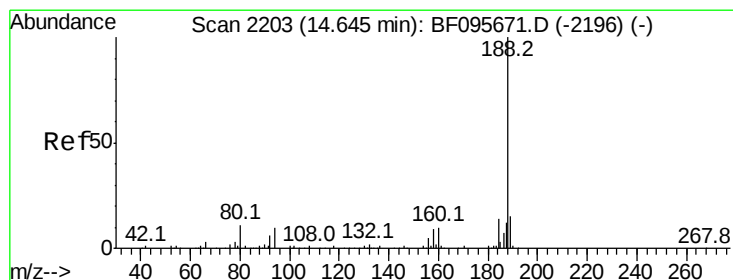
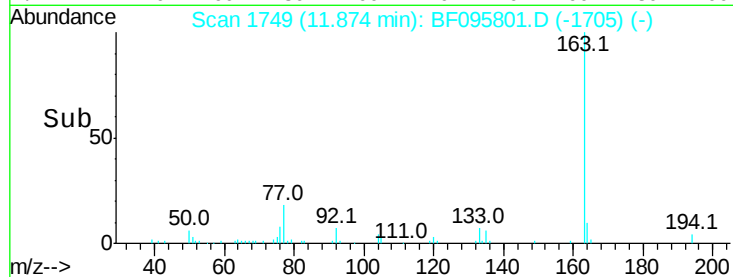
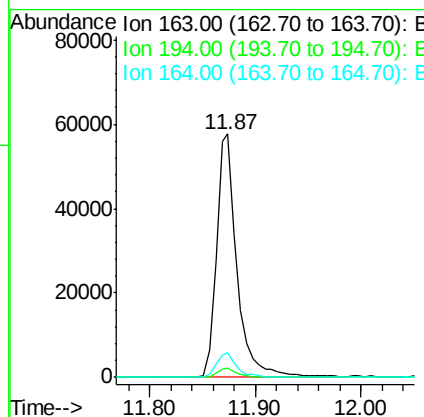
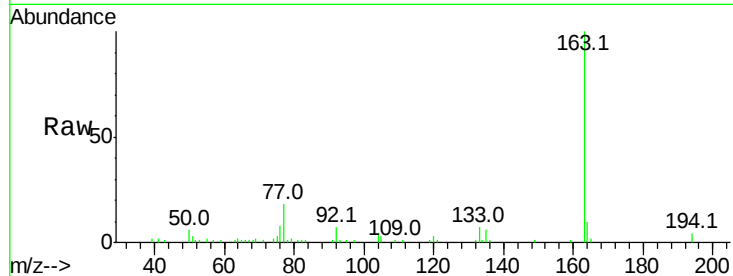
#49
Dimethylphthalate
Concen: 7.77 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095801.D
Acq: 9 Jun 2017 00:46

Instrument :
BNA_F
ClientSampleId :
BU-01-060717

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.1	8.4	12.6

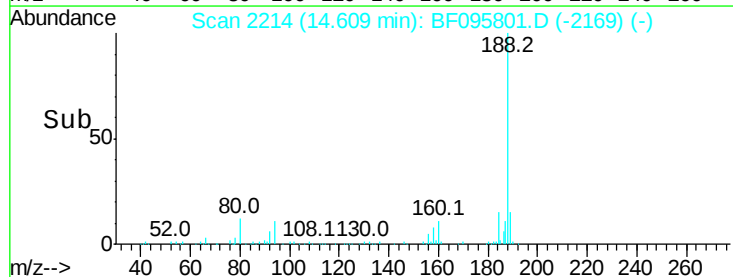
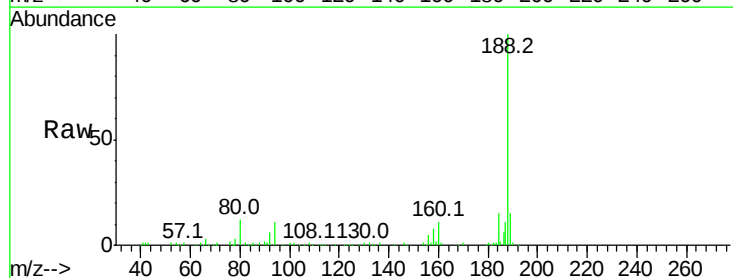
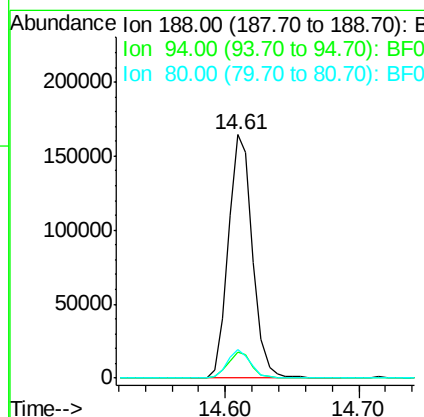
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.61 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF095801.D
Acq: 9 Jun 2017 00:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.8	10.2	15.2





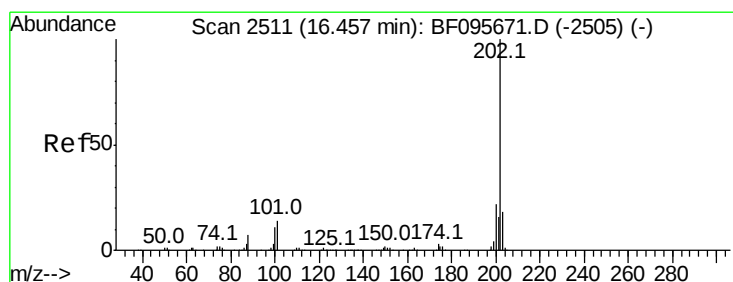
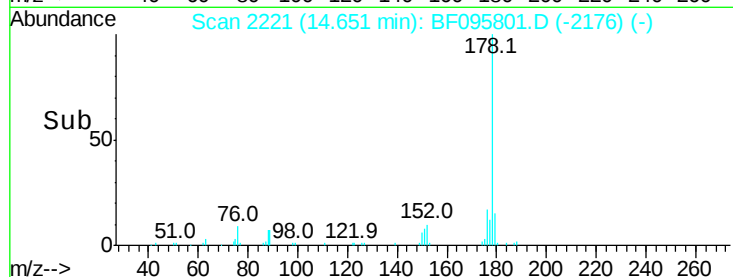
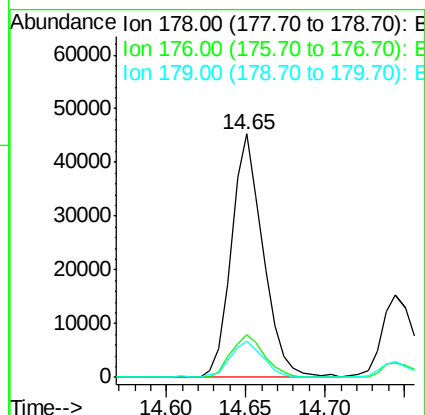
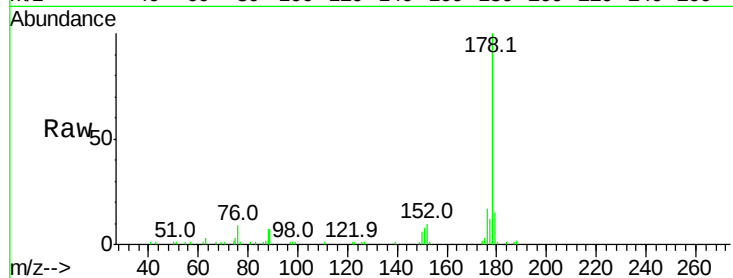
#70
Phenanthrene
Concen: 5.19 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095801.D
Acq: 9 Jun 2017 00:46

Instrument :
BNA_F
ClientSampleId :
BU-01-060717

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.3	16.2	24.4
179	15.0	12.6	19.0

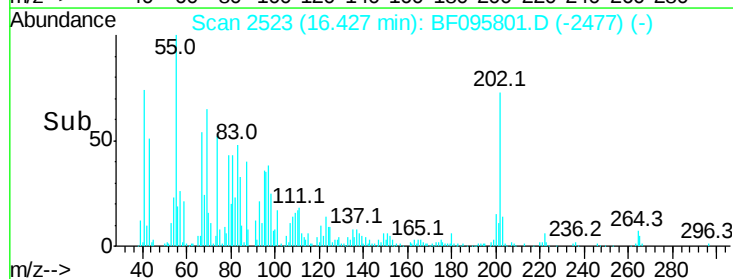
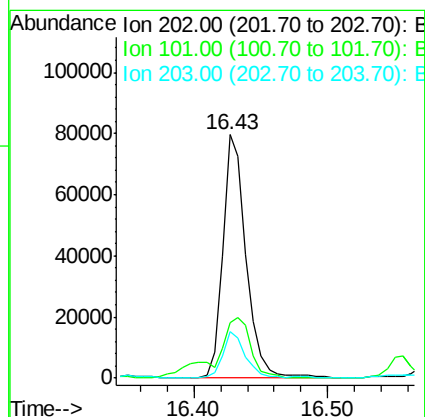
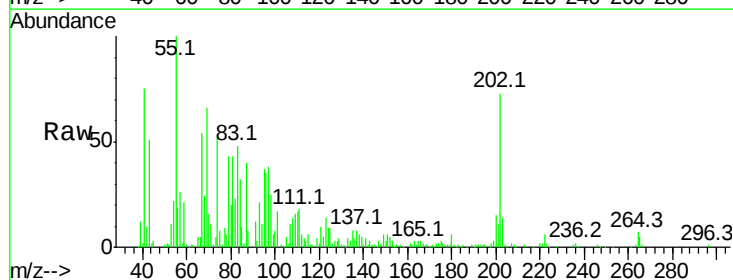
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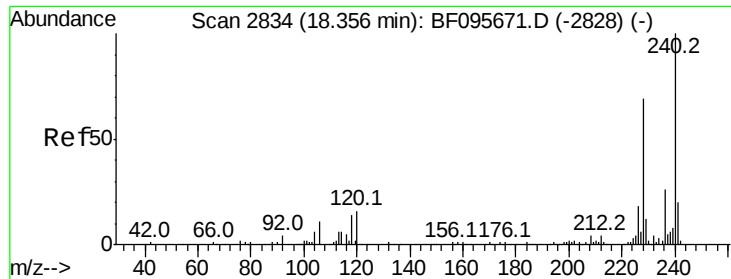
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#74
Fluoranthene
Concen: 8.15 ng
RT: 16.43 min Scan# 2523
Delta R.T. -0.03 min
Lab File: BF095801.D
Acq: 9 Jun 2017 00:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	22.9	0.0	33.2
203	19.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.33 min Scan# 2846

Delta R.T. -0.03 min

Lab File: BF095801.D

Acq: 9 Jun 2017 00:46

Instrument :

BNA_F

ClientSampleId :

BU-01-060717

Tot Ion:240 Resp: 155768

Ion Ratio Lower Upper

240 100

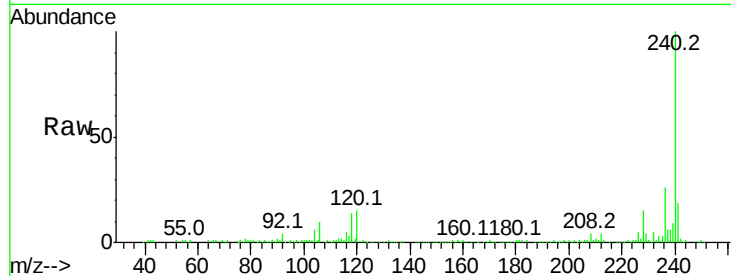
120 14.9 5.8 8.8#

236 25.8 20.5 30.7

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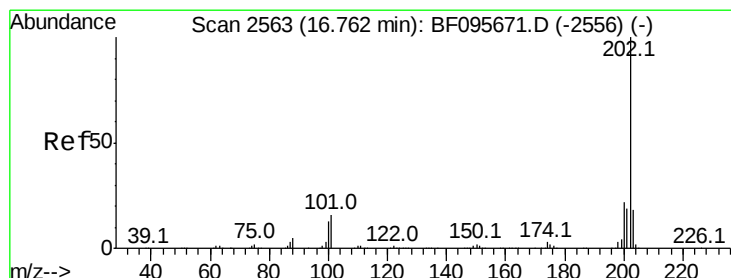
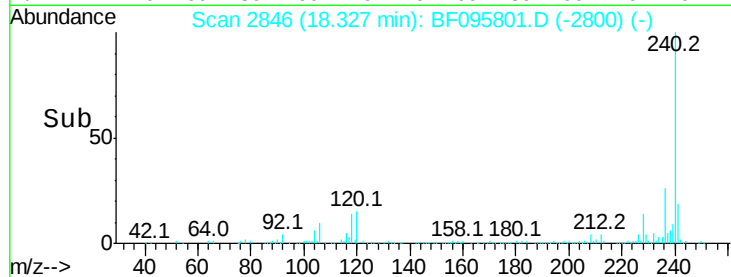
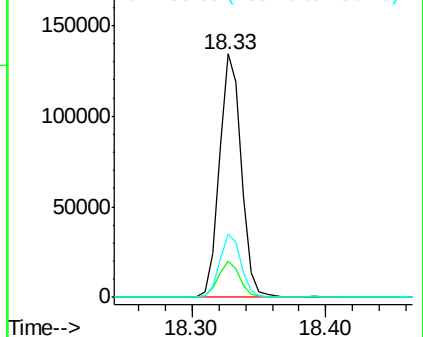
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 9.19 ng

RT: 16.73 min Scan# 2575

Delta R.T. -0.03 min

Lab File: BF095801.D

Acq: 9 Jun 2017 00:46

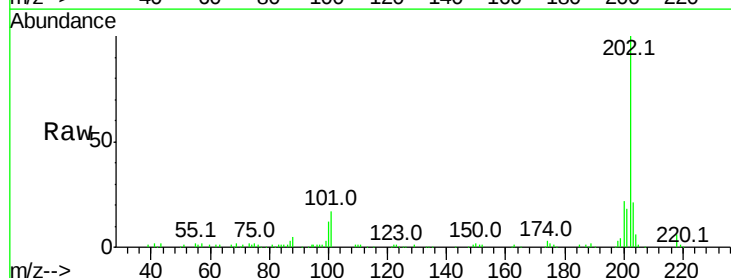
Tgt Ion:202 Resp: 106847

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

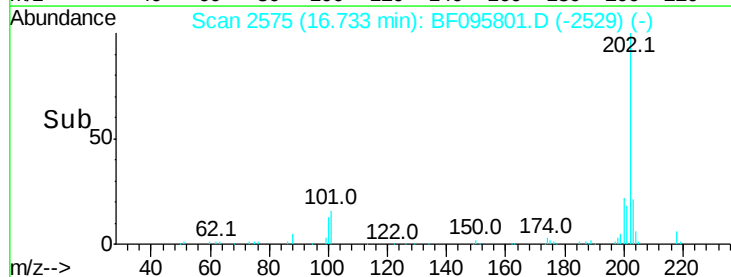
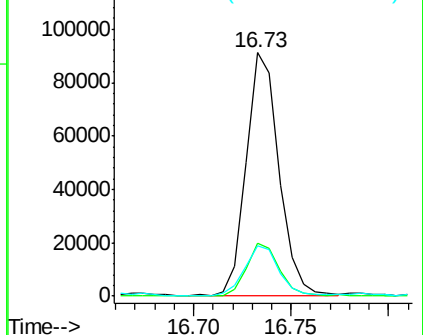
203 20.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





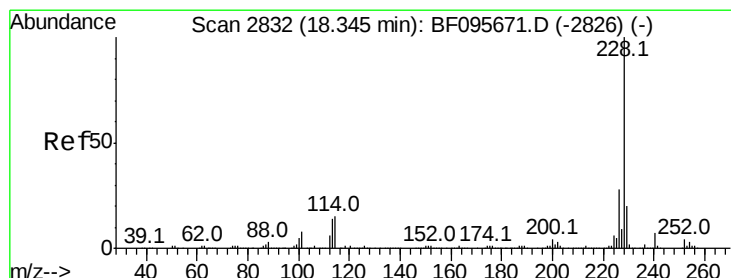
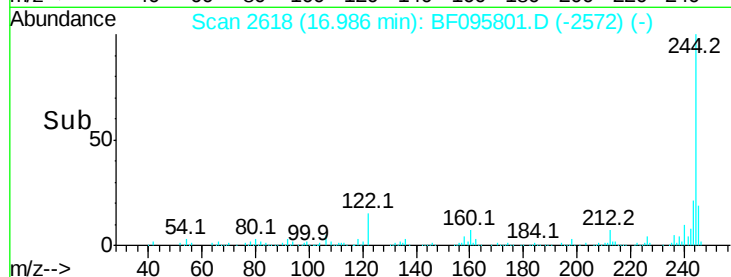
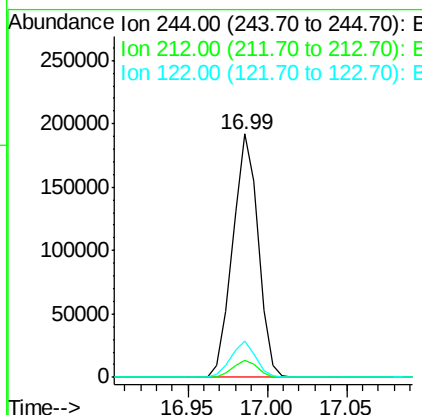
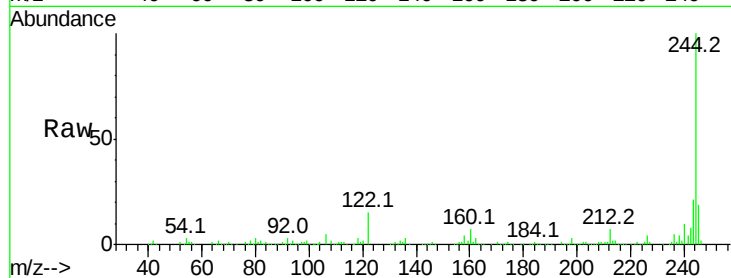
#78
 Terphenyl-d14
 Concen: 33.99 ng
 RT: 16.99 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BF095801.D
 Acq: 9 Jun 2017 00:46

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-060717

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.9	10.3	15.5

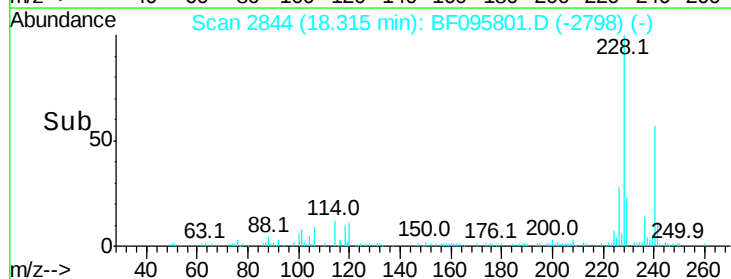
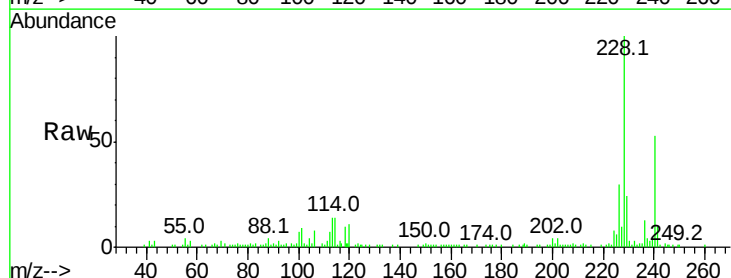
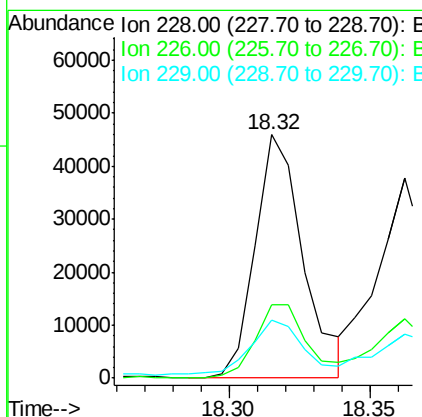
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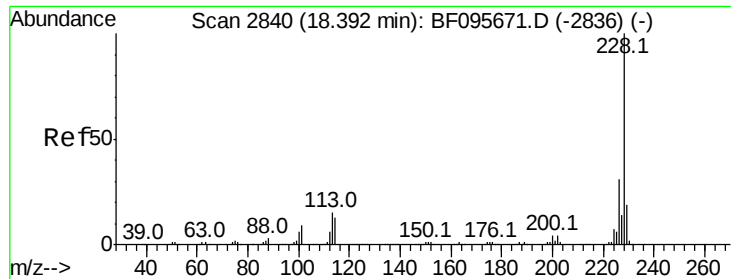
mohammad
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#80
 Benzo(a)anthracene
 Concen: 6.00 ng
 RT: 18.32 min Scan# 2844
 Delta R.T. -0.03 min
 Lab File: BF095801.D
 Acq: 9 Jun 2017 00:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	24.0	16.3	24.5





#82

Chrysene

Concen: 5.48 ng

RT: 18.36 min Scan# 2852

Delta R.T. -0.03 min

Lab File: BF095801.D

Acq: 9 Jun 2017 00:46

Instrument :

BNA_F

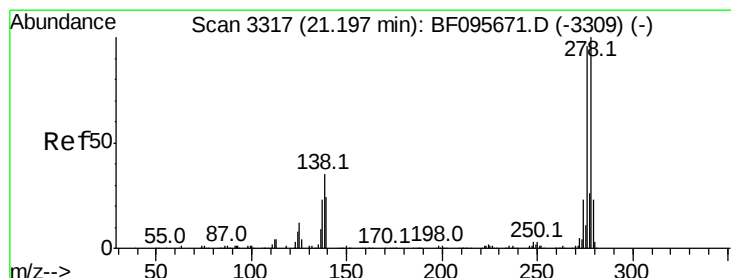
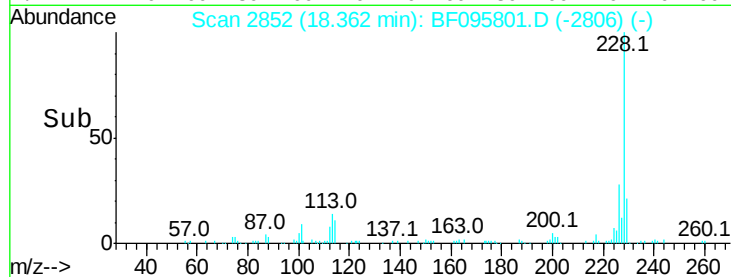
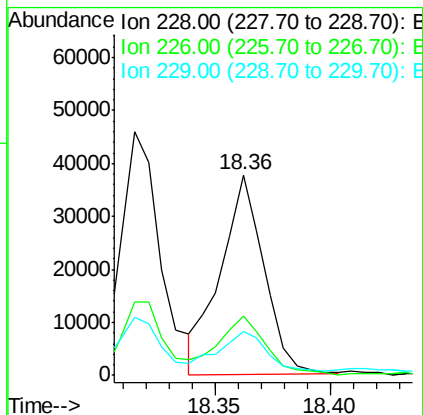
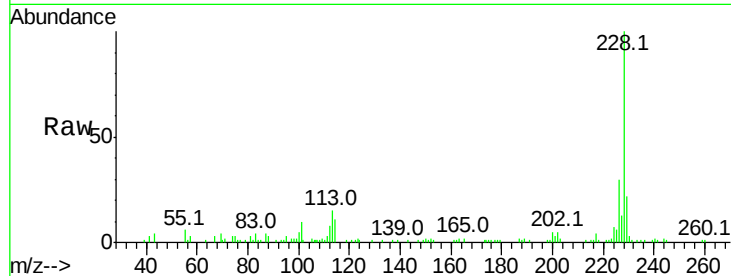
ClientSampleId :

BU-01-060717

Tot Ion:	228	Resp:	49570
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.9	37.3
229	22.0	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.65 ng

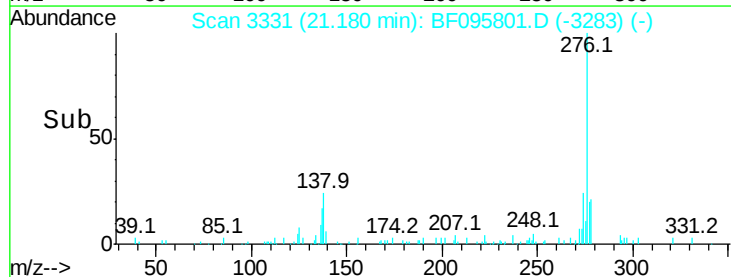
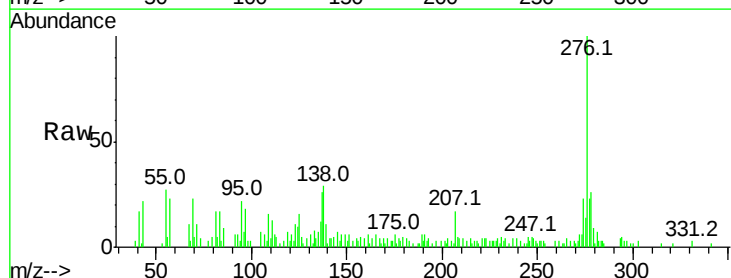
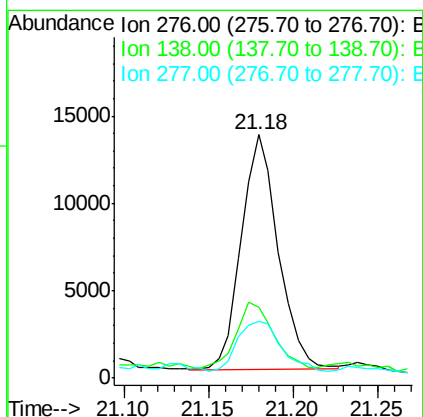
RT: 21.18 min Scan# 3331

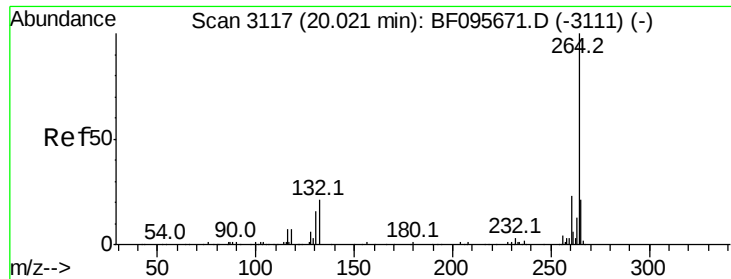
Delta R.T. -0.02 min

Lab File: BF095801.D

Acq: 9 Jun 2017 00:46

Tgt Ion:	276	Resp:	20552
Ion Ratio	Lower	Upper	
276	100		
138	30.7	27.8	41.6
277	24.7	20.2	30.4





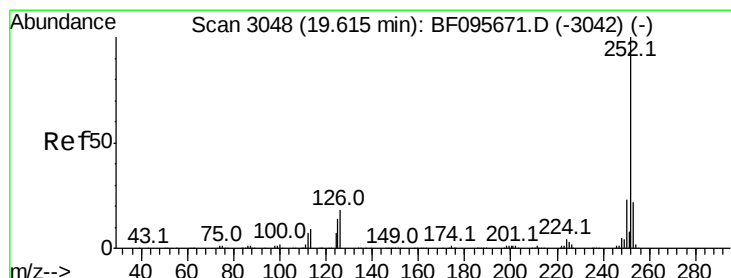
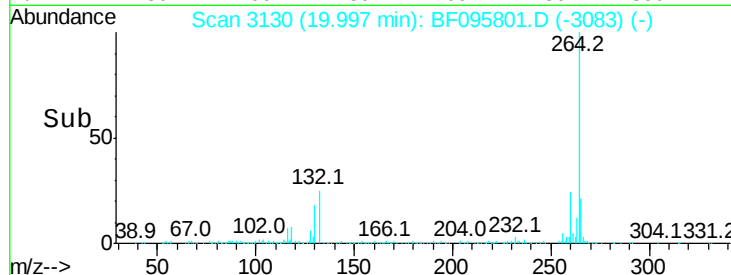
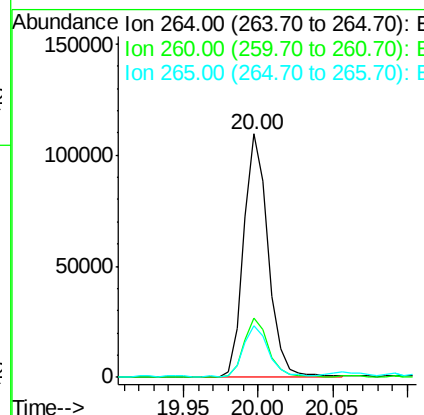
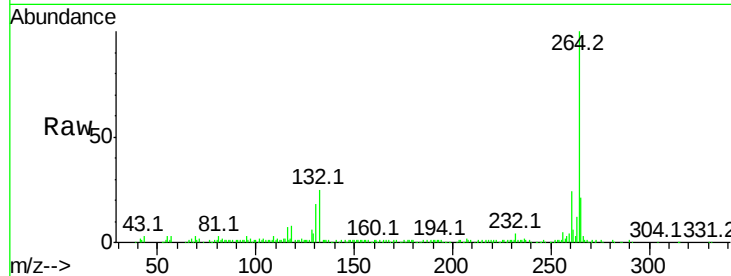
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095801.D
Acq: 9 Jun 2017 00:46

Instrument :
BNA_F
ClientSampleId :
BU-01-060717

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.0	17.2	25.8

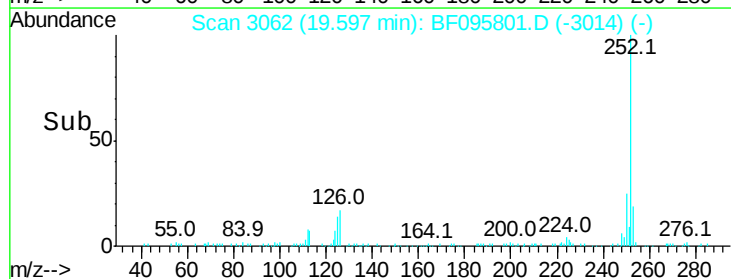
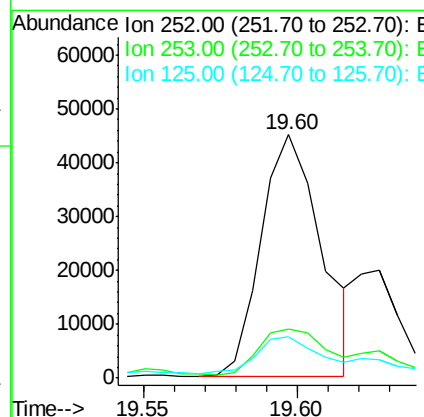
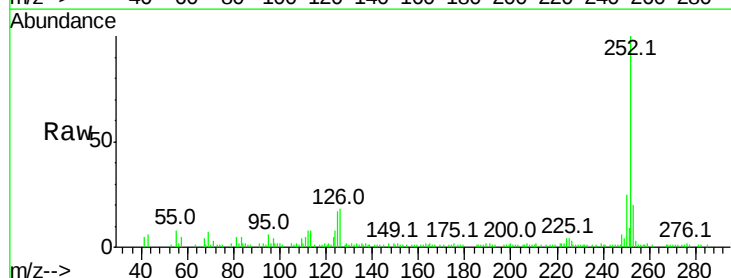
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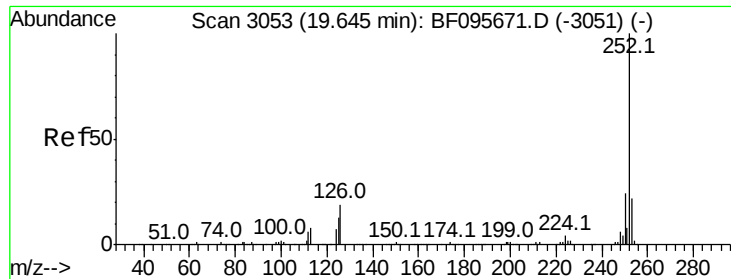
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#87
Benzo(b)fluoranthene
Concen: 7.77 ng m
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095801.D
Acq: 9 Jun 2017 00:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.1	27.1
125	16.8	9.8	14.8





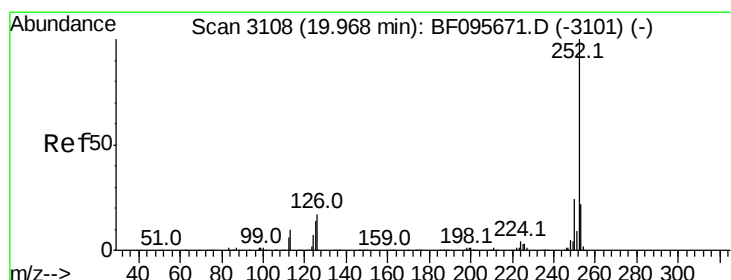
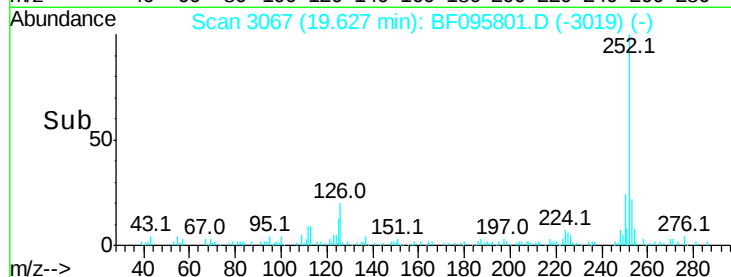
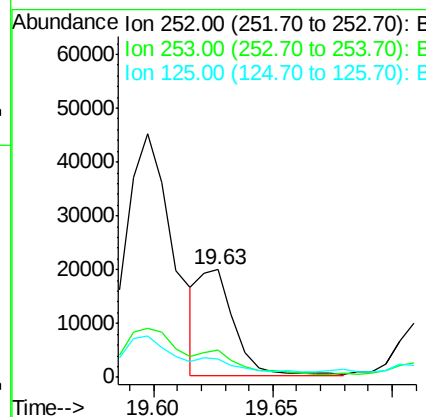
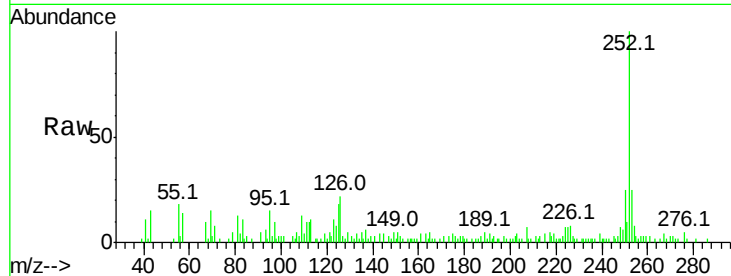
#88
Benzo(k)fluoranthene
Concen: 2.78 ng
RT: 19.63 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF095801.D
Acq: 9 Jun 2017 00:46

Instrument :
BNA_F
ClientSampleId :
BU-01-060717

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.4	27.6
125	17.5	13.1	19.7

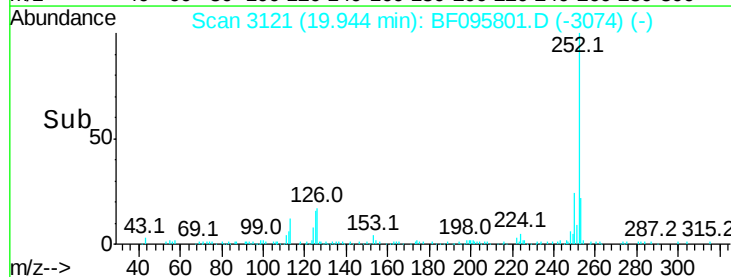
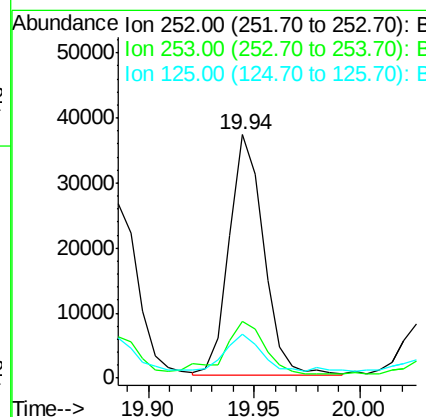
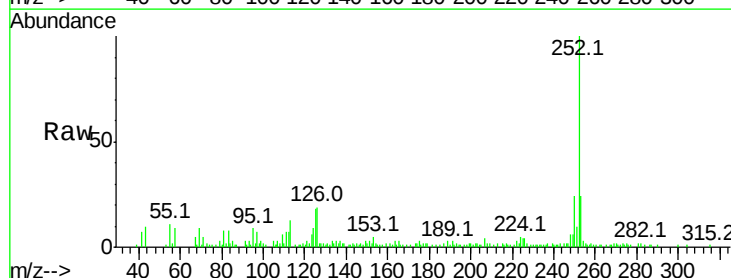
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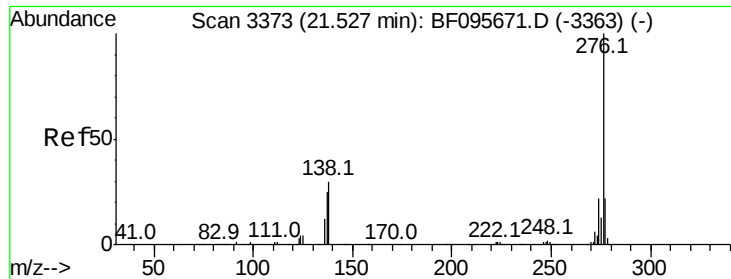
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#89
Benzo(a)pyrene
Concen: 5.77 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095801.D
Acq: 9 Jun 2017 00:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	17.8	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 3.58 ng
 RT: 21.51 min Scan# 3388
 Delta R.T. -0.01 min
 Lab File: BF095801.D
 Acq: 9 Jun 2017 00:46

Instrument :
 BNA_F
 ClientSampled :
 BU-01-060717

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.7	18.6	28.0
138	45.2	25.4	38.0

Manual Integrations
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