

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101095.D
 Acq On : 4 Dec 2017 14:02
 Operator : SJ/JU
 Sample : I6620-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(5-7)-20171128

Manual Integrations
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 12/5/2017 3:24:17 PM

Quant Time: Dec 04 16:02:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52600	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	203059	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	93186	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	155384	20.00	ng	0.00
75) Chrysene-d12	14.02	240	124157	20.00	ng	0.00
86) Perylene-d12	15.49	264	114723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	221687	69.64	ng	0.00
7) Phenol-d6	6.48	99	314483	81.37	ng	0.00
23) Nitrobenzene-d5	7.41	82	194875	57.25	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	47431	42.37	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	422703	62.06	ng	0.00
78) Terphenyl-d14	12.96	244	315054	55.50	ng	0.00
Target Compounds						
10) Phenol	6.49	94	10039	2.34	ng	Qvalue 96
49) Dimethylphthalate	9.59	163	28443	3.78	ng	98
70) Phenanthrene	11.40	178	56502	6.60	ng	99
74) Fluoranthene	12.59	202	109581	11.55	ng	95
77) Pyrene	12.82	202	97299	11.36	ng	97
80) Benzo(a)anthracene	14.01	228	52397	6.68	ng	94
82) Chrysene	14.05	228	52117	7.16	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	19043	3.54	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.97	276	35195	5.44	ng	# 90
87) Benzo(b)fluoranthene	15.06	252	79755m	11.61	ng	
88) Benzo(k)fluoranthene	15.09	252	31110m	4.60	ng	
89) Benzo(a)pyrene	15.43	252	53830	8.62	ng	95
91) Benzo(a,h,i)perylene	17.42	276	35611	6.86	ng	# 92

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

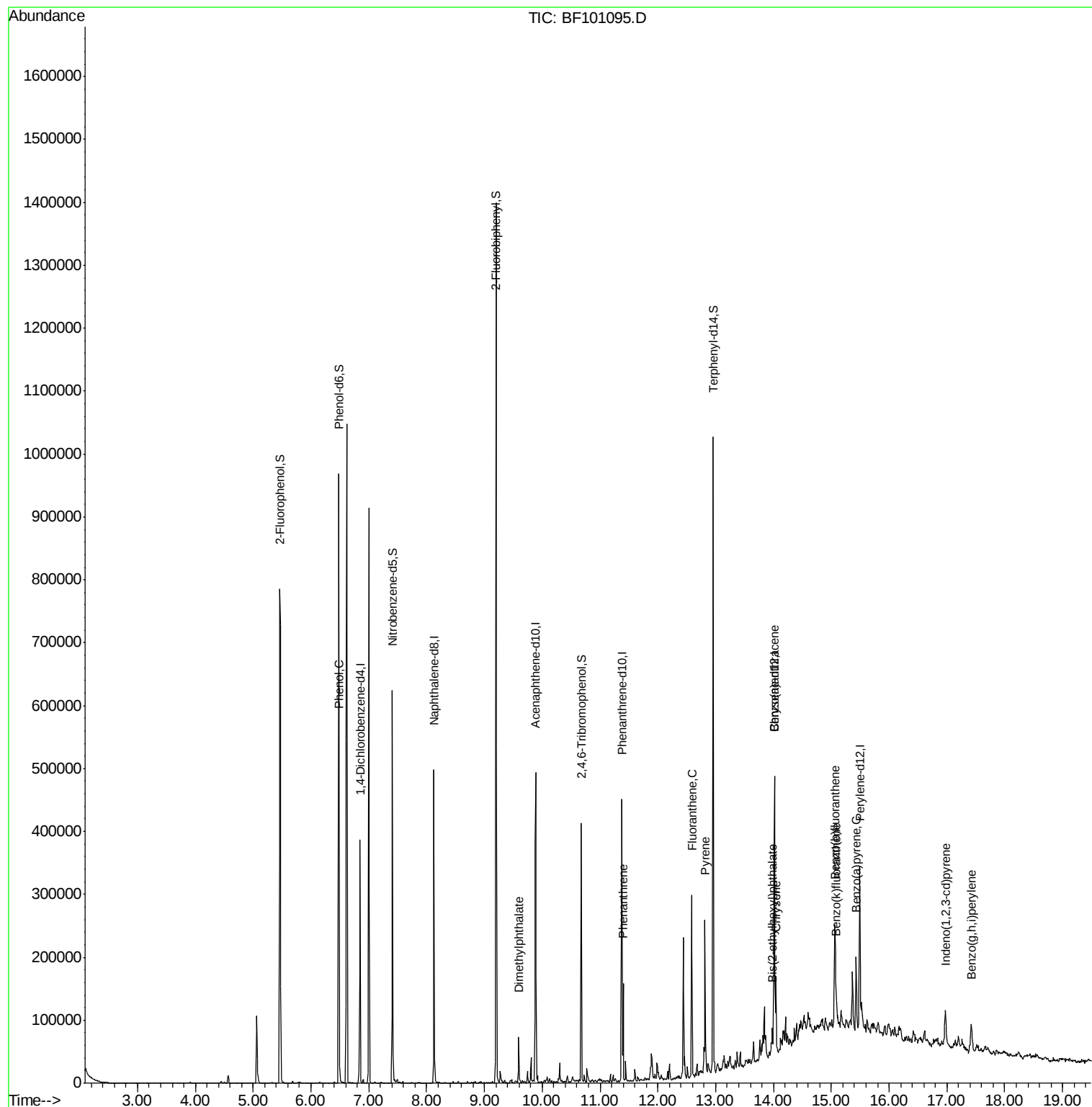
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
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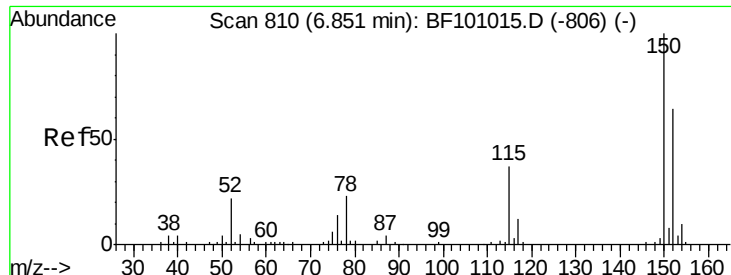
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF101095.D

Acq: 4 Dec 2017 14:02

Instrument :

BNA_F

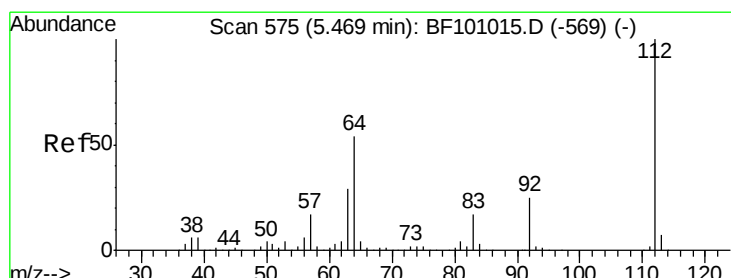
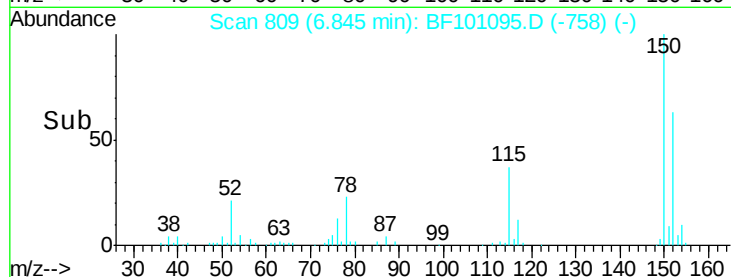
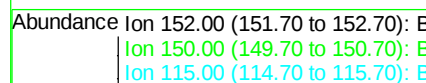
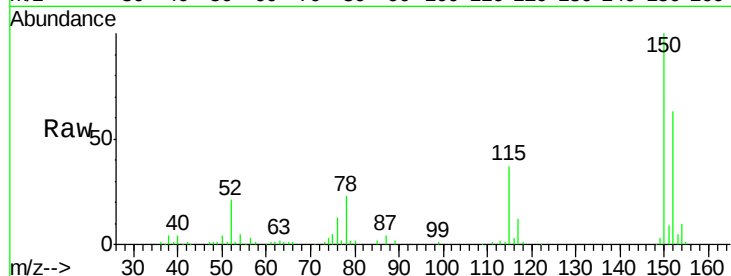
ClientSampleId :

SB-6(5-7)-20171128

Tot Ion:	152	Resp:	52600
Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	58.2	50.1	75.1

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#5

2-Fluorophenol

Concen: 69.64 ng

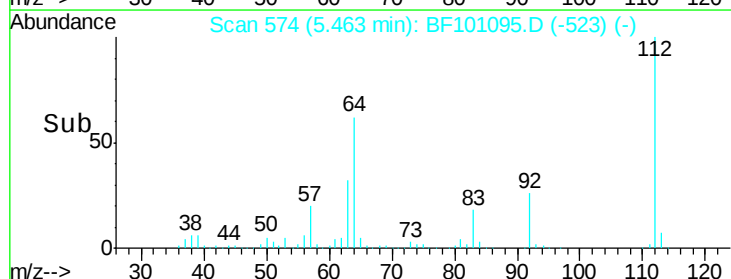
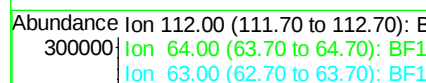
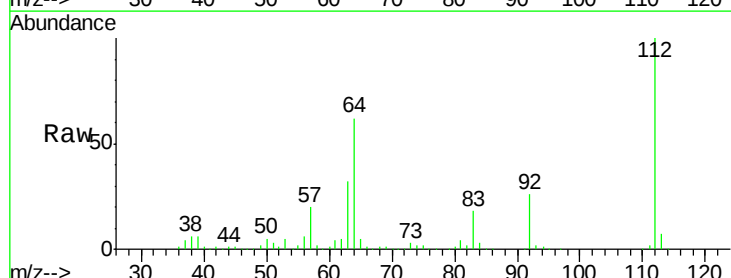
RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF101095.D

Acq: 4 Dec 2017 14:02

Tgt Ion:	112	Resp:	221687
Ion	Ratio	Lower	Upper
112	100		
64	62.1	47.9	71.9
63	32.0	23.7	35.5





#7

Phenol-d6

Concen: 81.37 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101095.D

Acq: 4 Dec 2017 14:02

Instrument :

BNA_F

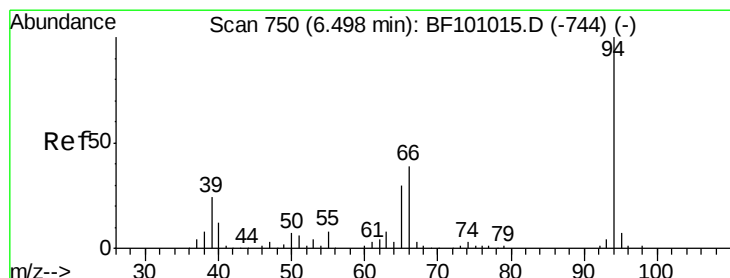
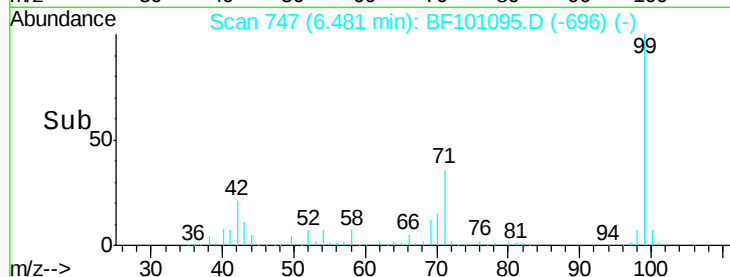
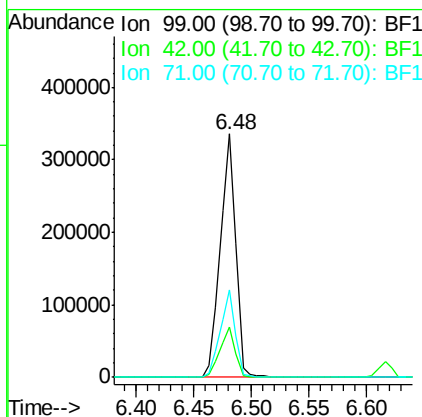
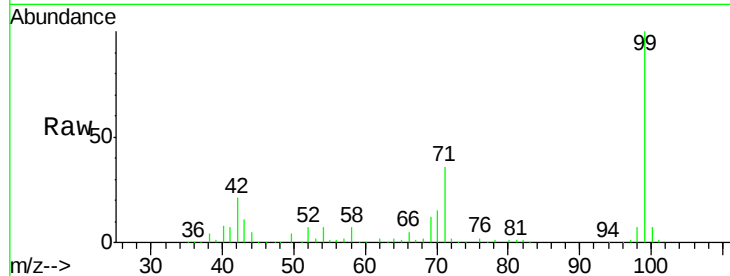
ClientSampleId :

SB-6(5-7)-20171128

Tot Ion:	99	Resp:	314483
Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	35.8	25.4	38.0

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#10

Phenol

Concen: 2.34 ng

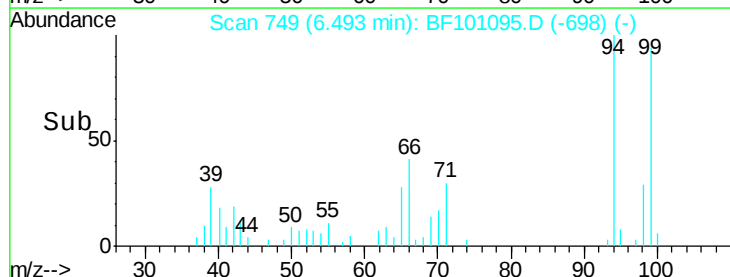
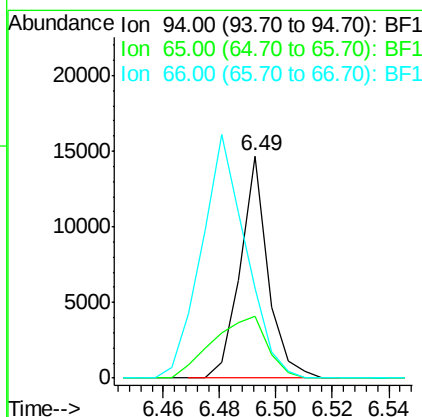
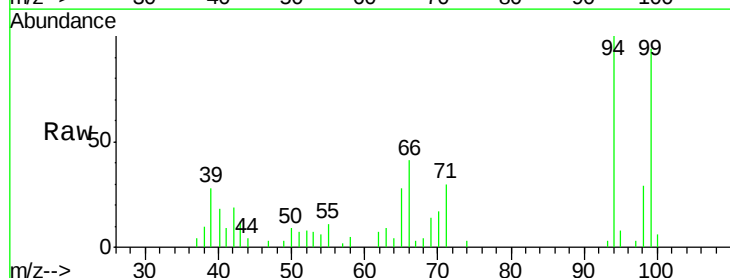
RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101095.D

Acq: 4 Dec 2017 14:02

Tgt Ion:	94	Resp:	10039
Ion	Ratio	Lower	Upper
94	100		
65	27.8	7.9	47.9
66	40.7	16.2	56.2





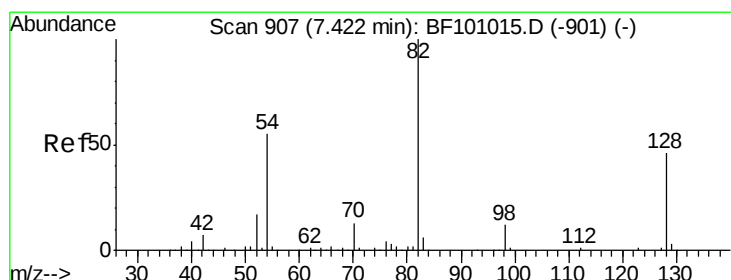
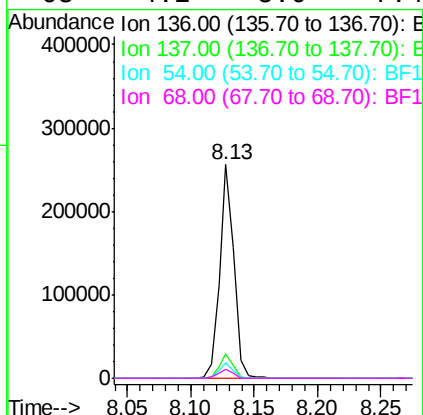
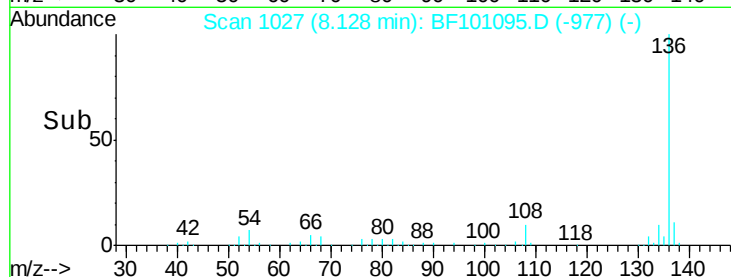
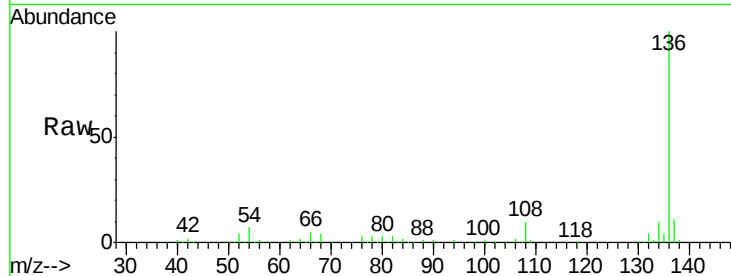
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101095.D
Acq: 4 Dec 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SB-6(5-7)-20171128

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		203059		
137	11.1	8.9	13.3		
54	7.2	6.6	9.8		
68	4.2	5.0	7.4		

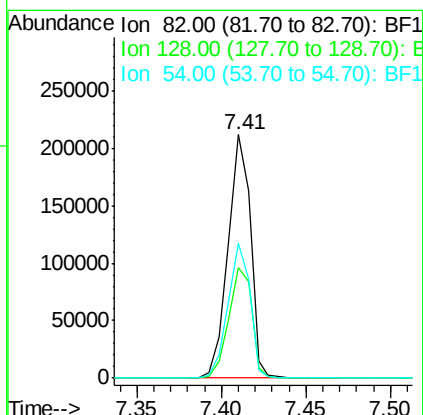
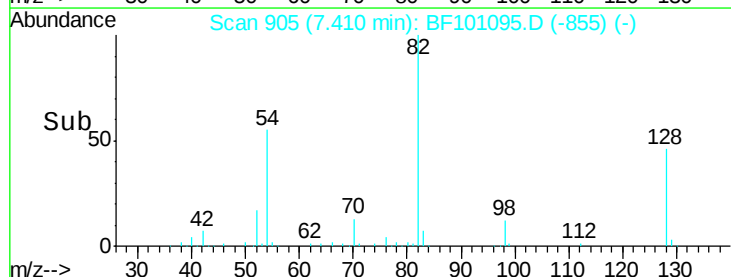
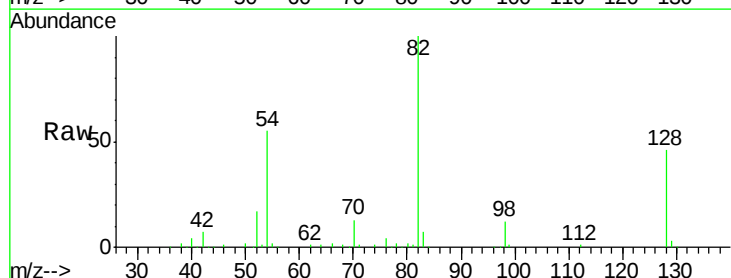
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#23
Nitrobenzene-d5
Concen: 57.25 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101095.D
Acq: 4 Dec 2017 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		194875		
128	45.6	36.1	54.1		
54	55.2	41.4	62.2		





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101095.D

Acq: 4 Dec 2017 14:02

Instrument :

BNA_F

ClientSampleId :

SB-6(5-7)-20171128

Tot Ion:164 Resp: 93186

Ion Ratio Lower Upper

164 100

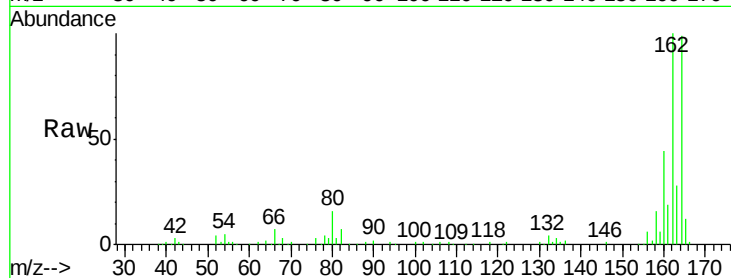
162 101.3 86.1 129.1

160 44.2 38.3 57.5

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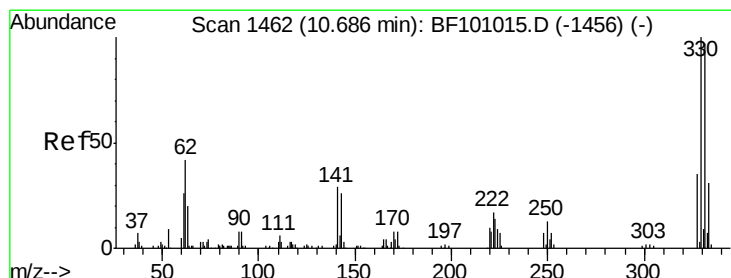
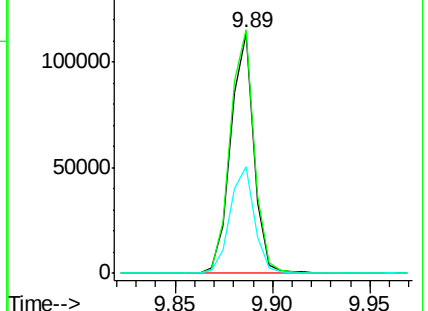
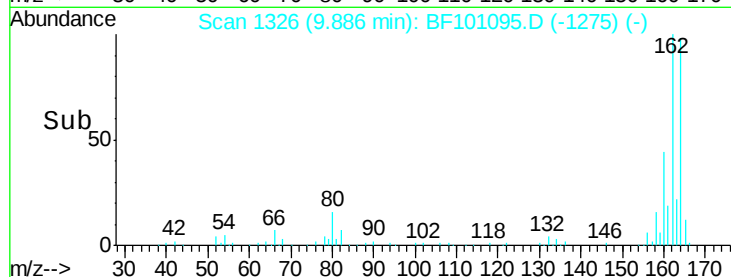
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 42.37 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101095.D

Acq: 4 Dec 2017 14:02

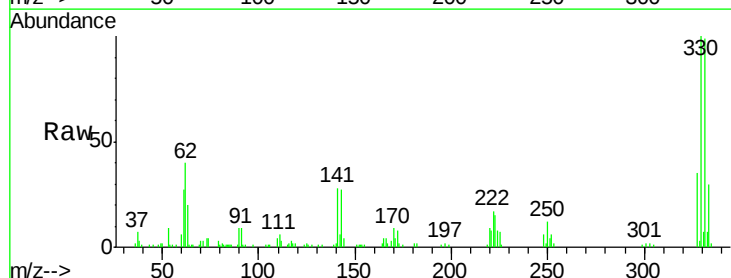
Tgt Ion:330 Resp: 47431

Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.6

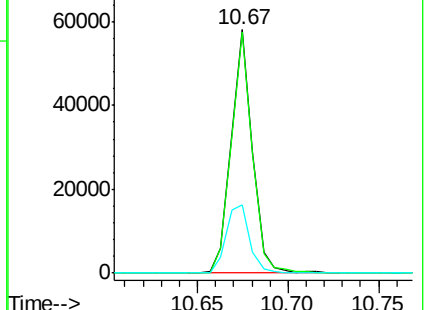
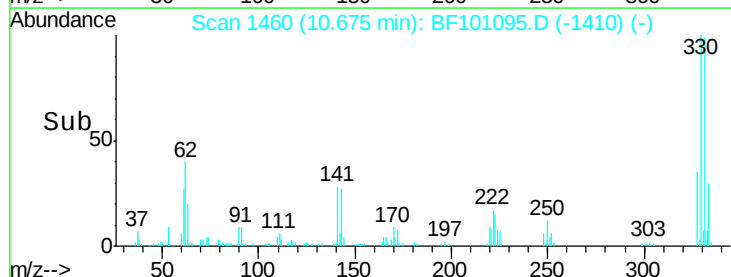
141 31.0 29.9 44.9



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





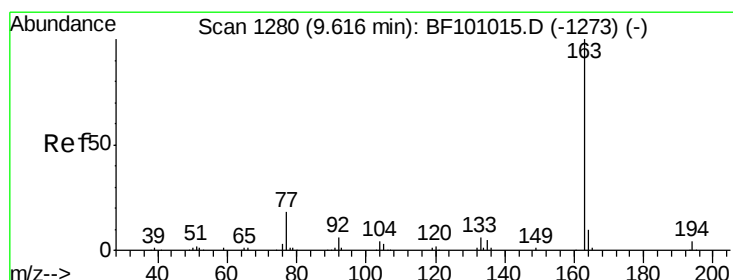
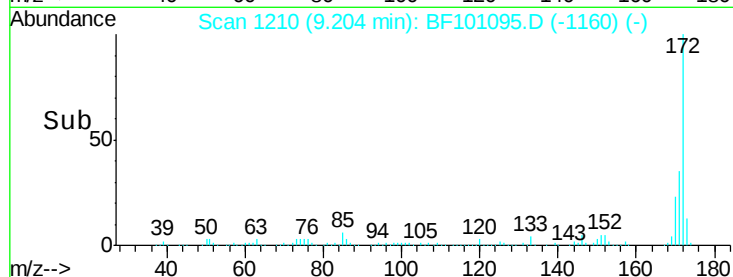
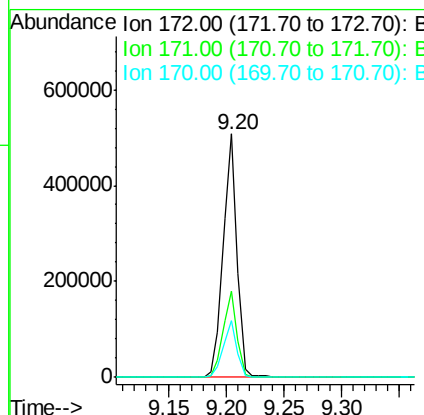
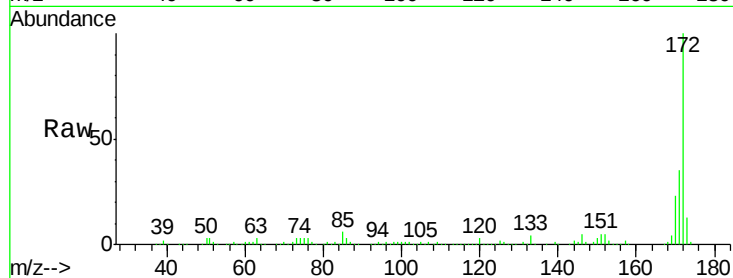
#44
2-Fluorobiphenyl
Concen: 62.06 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101095.D
Acq: 4 Dec 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SB-6(5-7)-20171128

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.3	19.6	29.4

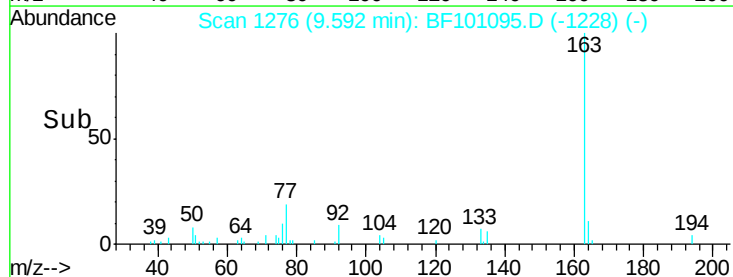
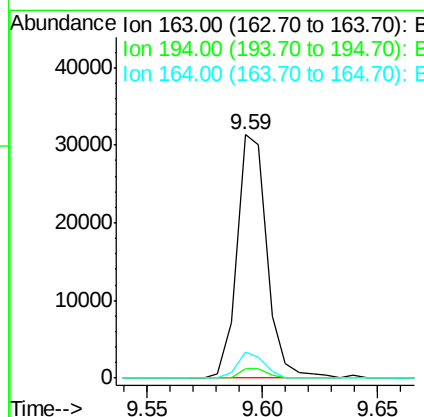
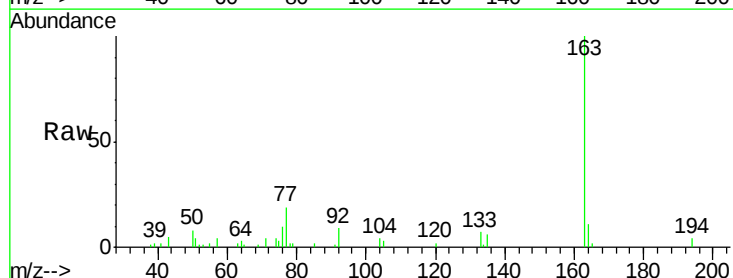
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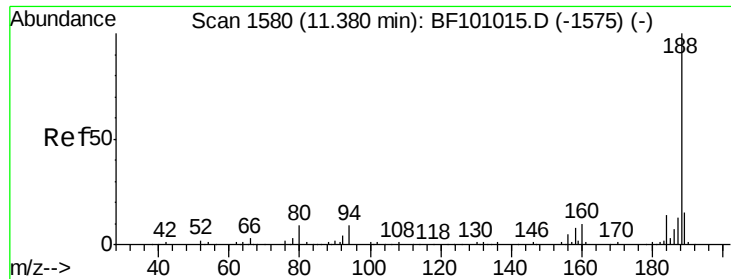
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#49
Dimethylphthalate
Concen: 3.78 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101095.D
Acq: 4 Dec 2017 14:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.9	8.2	12.2





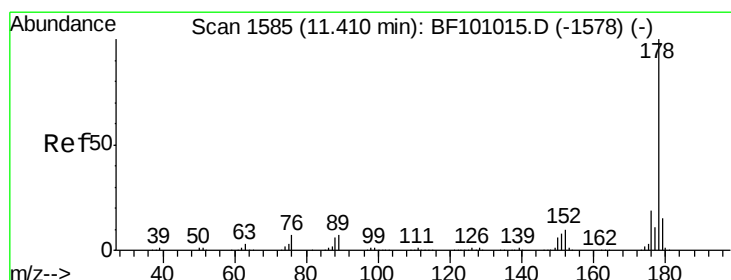
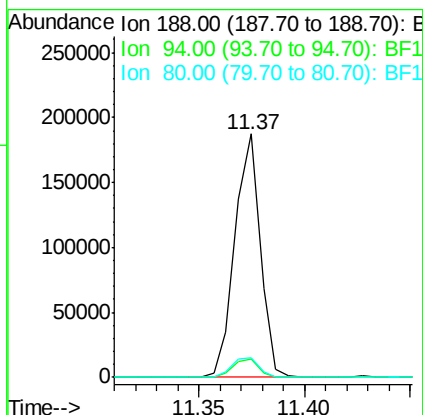
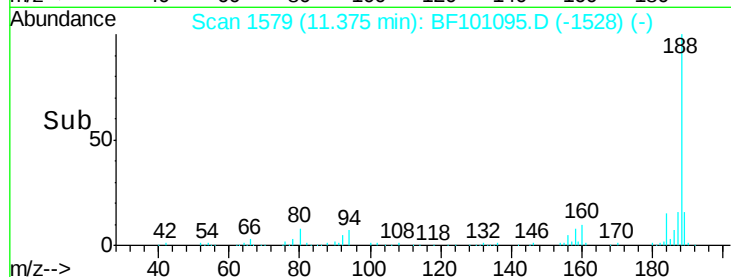
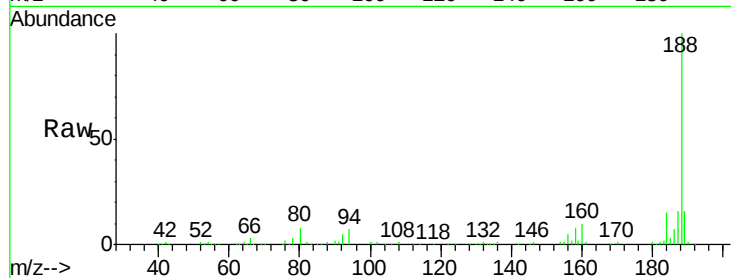
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101095.D
 Acq: 4 Dec 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(5-7)-20171128

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	8.0	9.2	13.8#

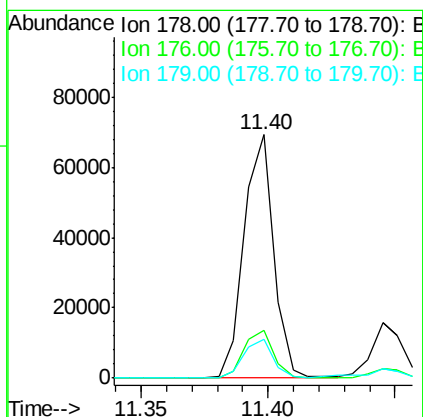
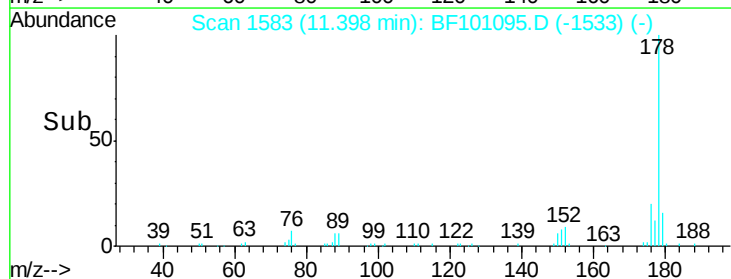
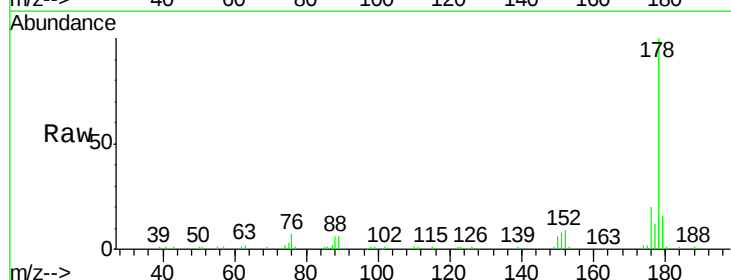
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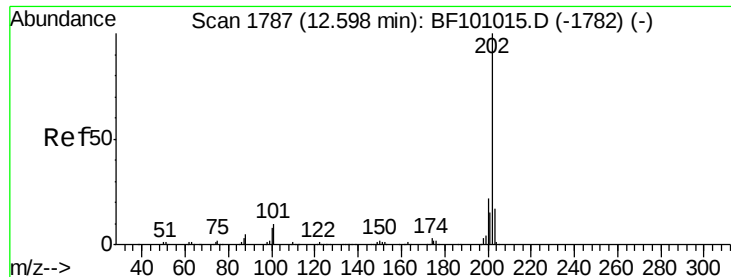
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#70
 Phenanthrene
 Concen: 6.60 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF101095.D
 Acq: 4 Dec 2017 14:02

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.9	13.0	19.6





#74

Fluoranthene

Concen: 11.55 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BF101095.D

Acq: 4 Dec 2017 14:02

Instrument :

BNA_F

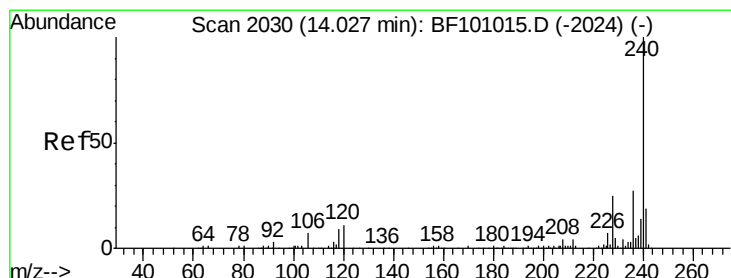
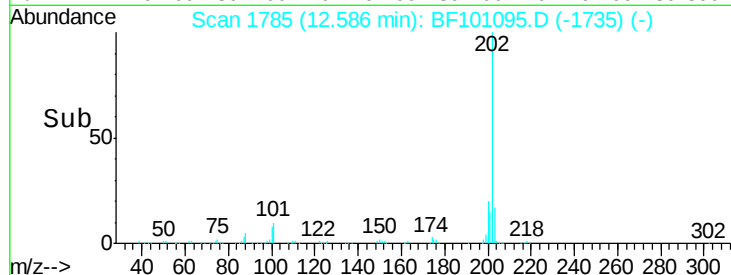
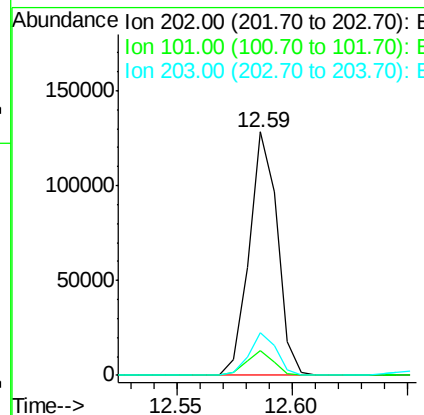
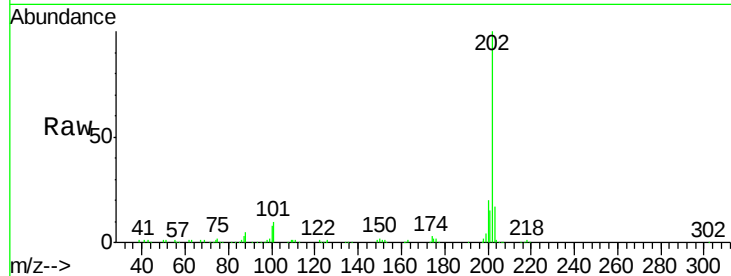
ClientSampleId :

SB-6(5-7)-20171128

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		109581		
101	10.2	0.0	34.1		
203	17.3	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.00 ng

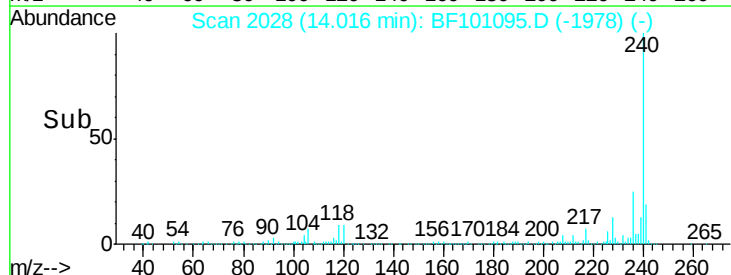
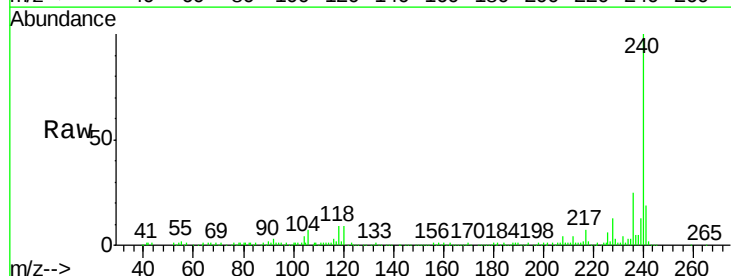
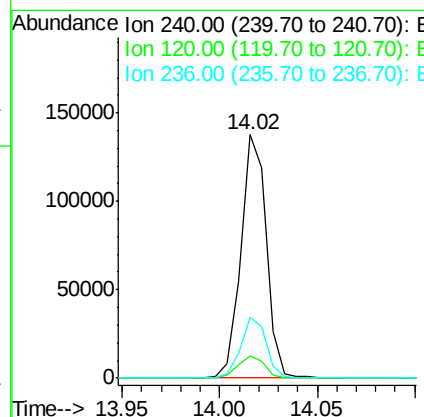
RT: 14.02 min Scan# 2028

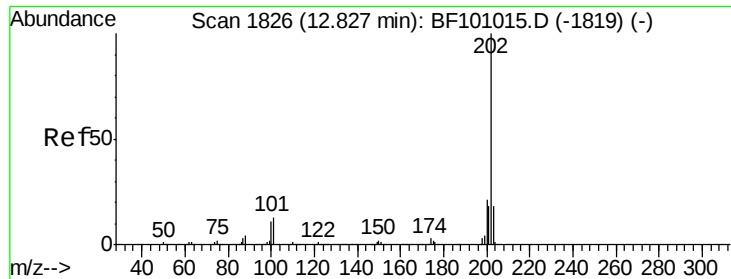
Delta R.T. -0.01 min

Lab File: BF101095.D

Acq: 4 Dec 2017 14:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		124157		
120	9.3	9.5	14.3#		
236	25.0	20.7	31.1		





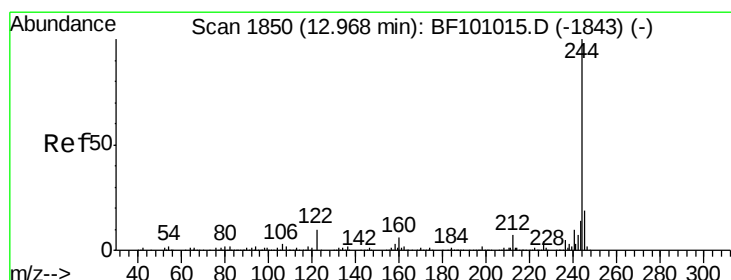
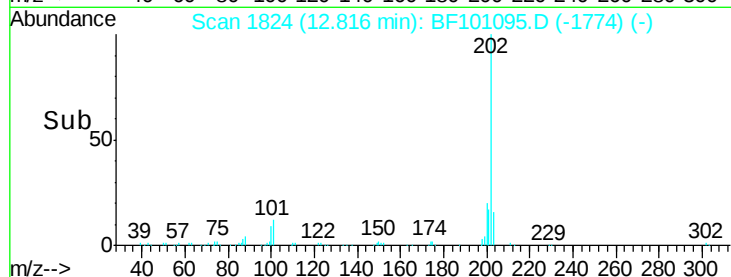
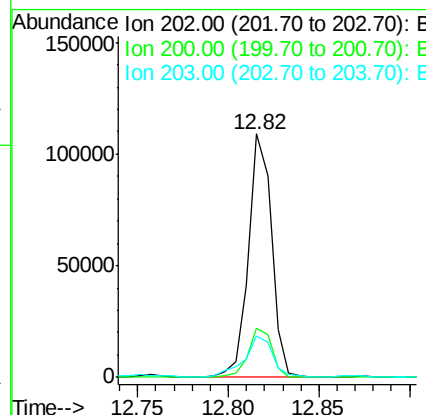
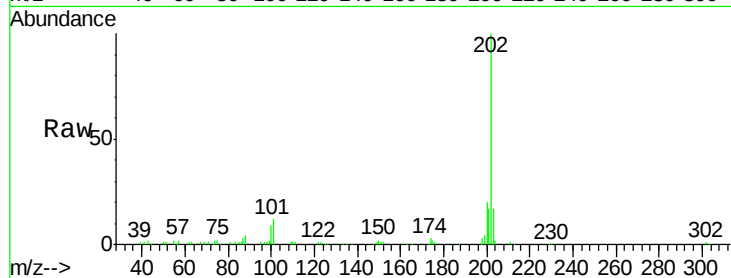
#77
Pvrene
Concen: 11.36 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101095.D
Acq: 4 Dec 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SB-6(5-7)-20171128

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.0	14.3	21.5

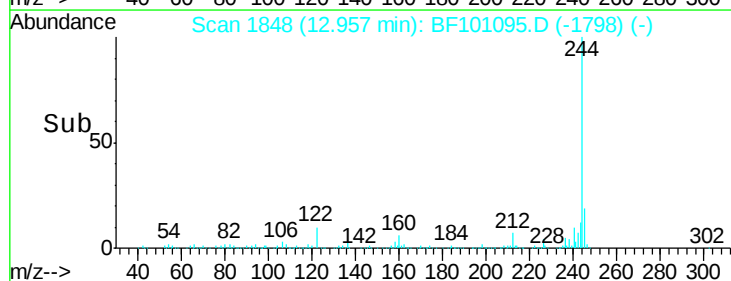
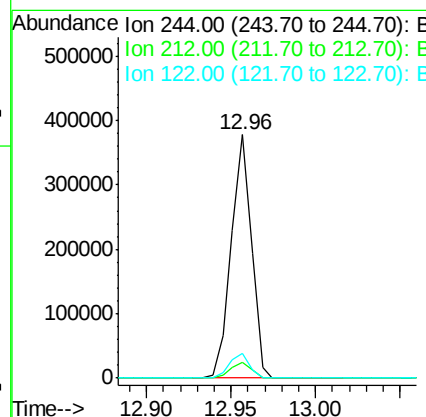
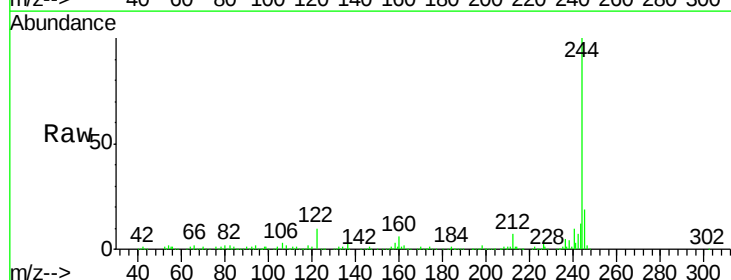
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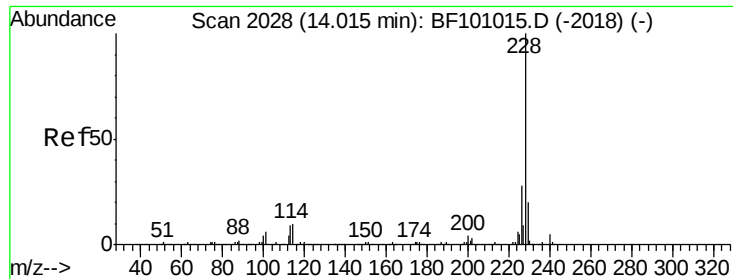
Sohil
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#78
Terphenyl-d14
Concen: 55.50 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101095.D
Acq: 4 Dec 2017 14:02

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.2	11.0	16.4#





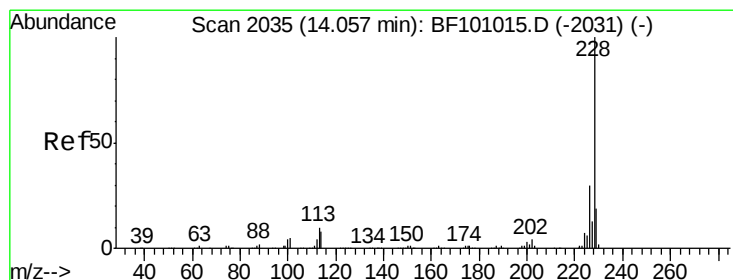
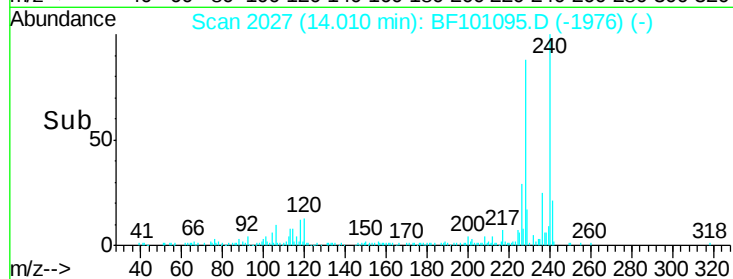
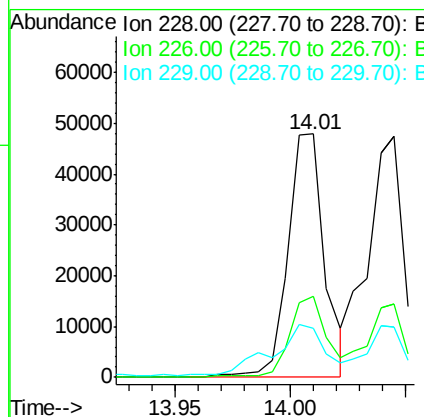
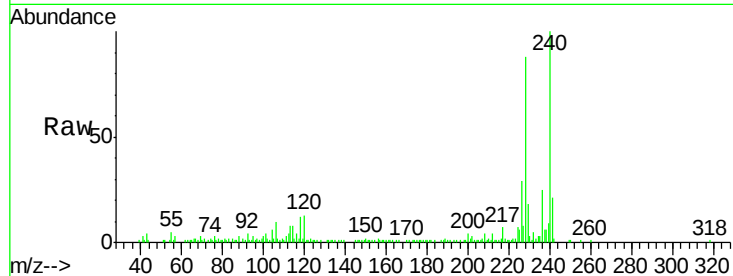
#80
Benzo(a)anthracene
Concen: 6.68 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101095.D
Acq: 4 Dec 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SB-6(5-7)-20171128

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.6	33.8
229	19.9	15.8	23.6

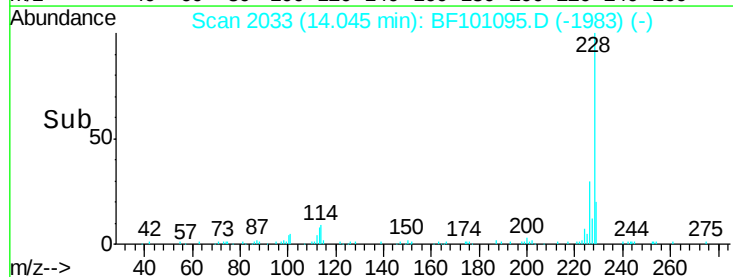
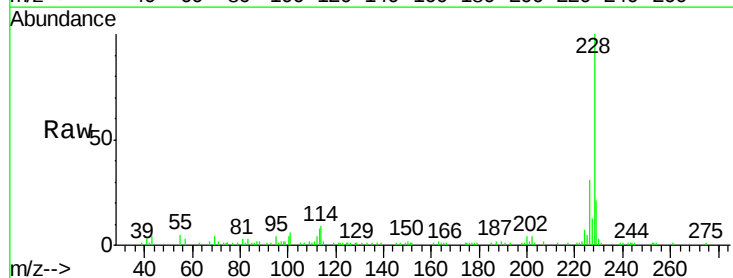
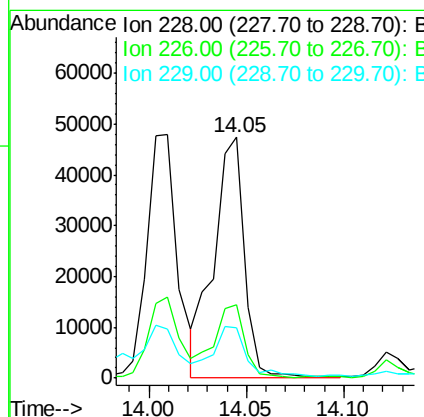
Manual Integrations
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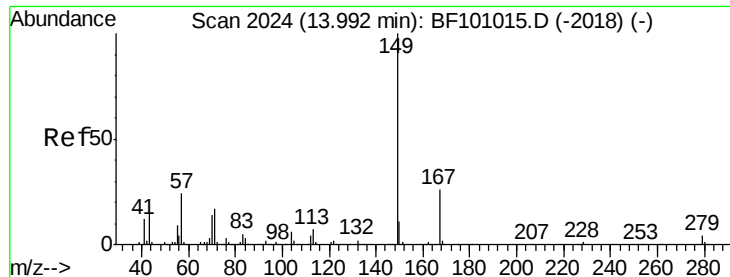
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#82
Chrysene
Concen: 7.16 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101095.D
Acq: 4 Dec 2017 14:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	21.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.54 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF101095.D

Acq: 4 Dec 2017 14:02

Instrument :

BNA_F

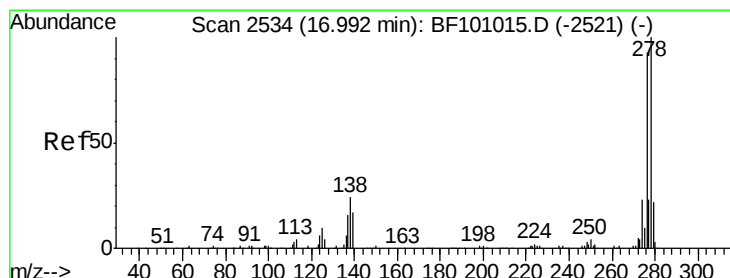
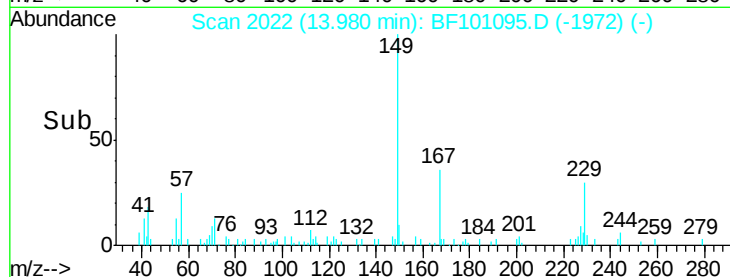
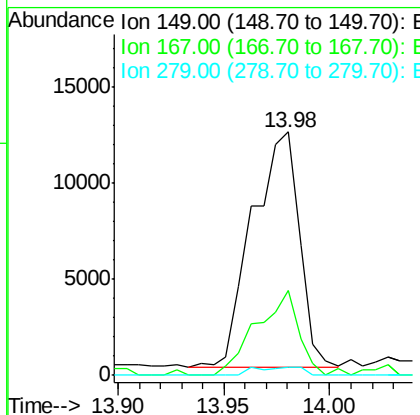
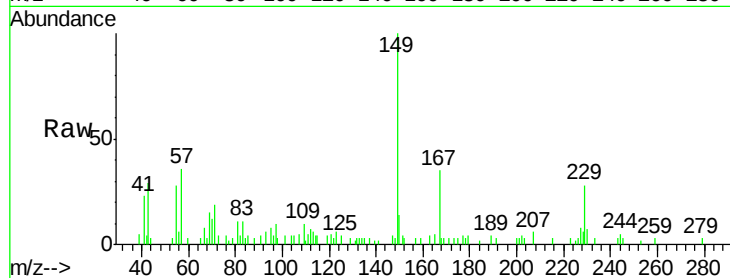
ClientSampleId :

SB-6(5-7)-20171128

Tot Ion:	149	Resp:	19043
Ion Ratio	Lower	Upper	
149	100		
167	34.7	21.3	31.9#
279	3.3	3.0	4.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.44 ng

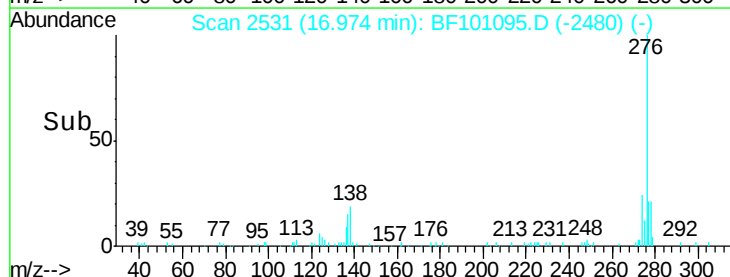
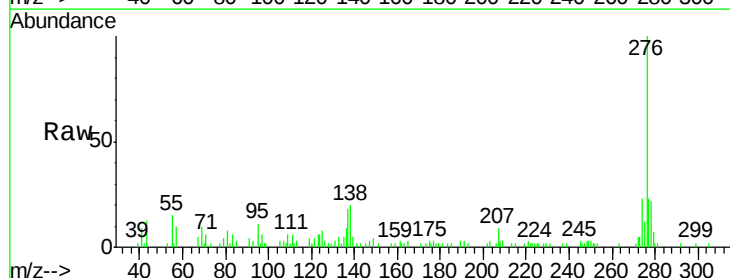
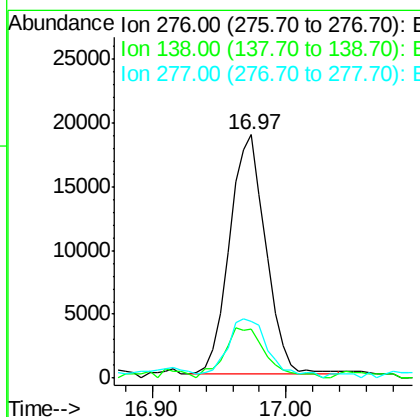
RT: 16.97 min Scan# 2531

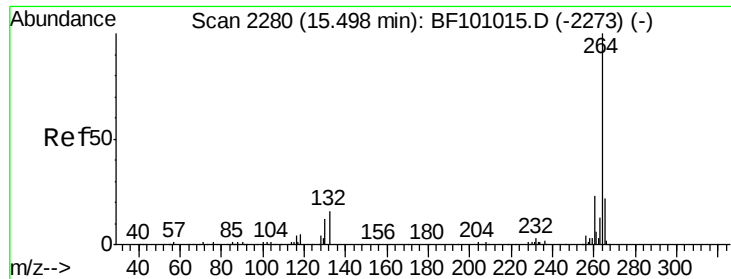
Delta R.T. 0.00 min

Lab File: BF101095.D

Acq: 4 Dec 2017 14:02

Tgt Ion:	276	Resp:	35195
Ion Ratio	Lower	Upper	
276	100		
138	24.6	25.0	37.6#
277	28.6	20.1	30.1





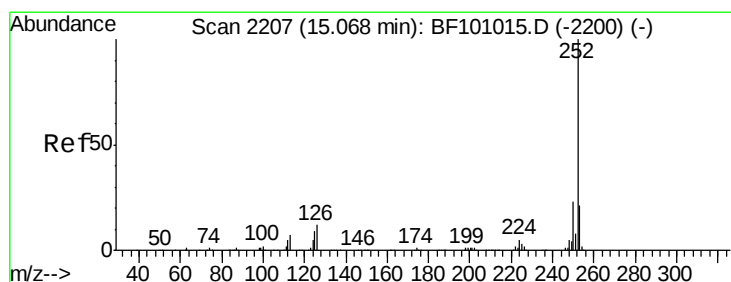
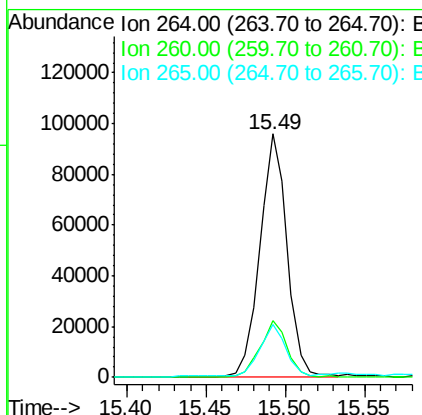
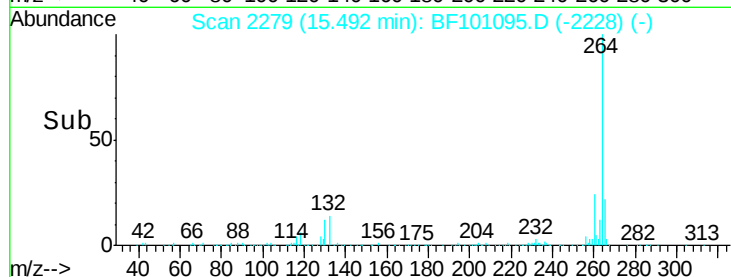
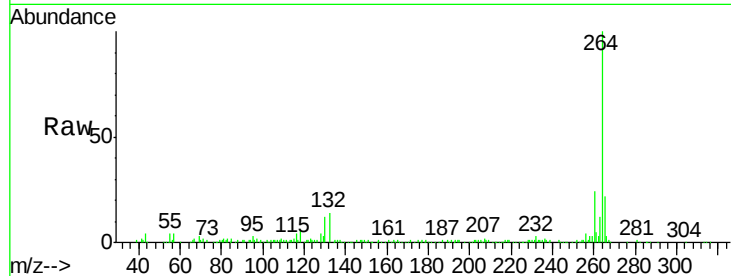
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101095.D
Acq: 4 Dec 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SB-6(5-7)-20171128

Tot Ion:	264	Resp:	114723
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3

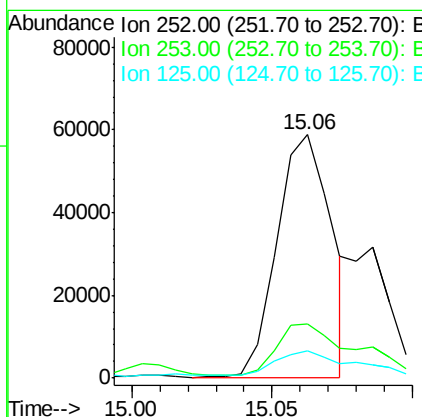
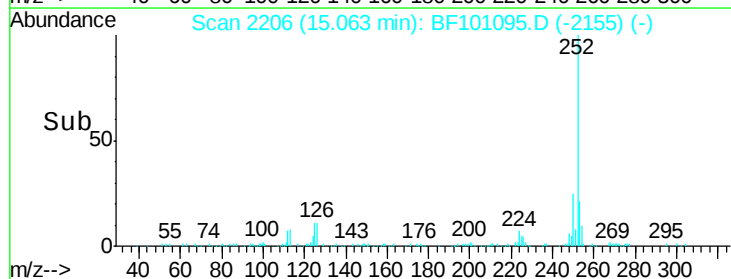
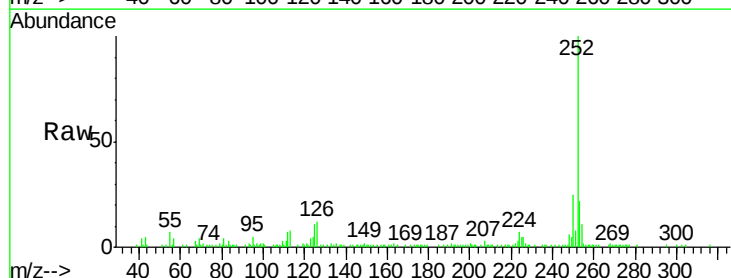
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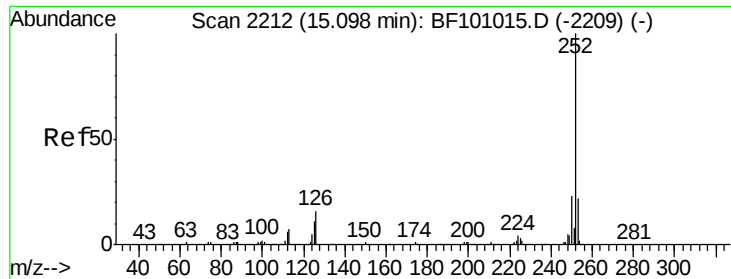
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#87
Benzo(b)fluoranthene
Concen: 11.61 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101095.D
Acq: 4 Dec 2017 14:02

Tgt Ion:	252	Resp:	79755
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.6
125	11.4	9.0	13.6





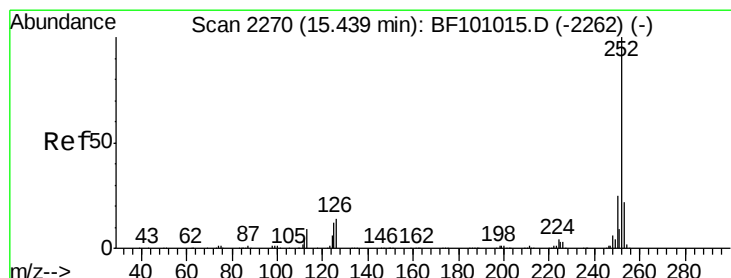
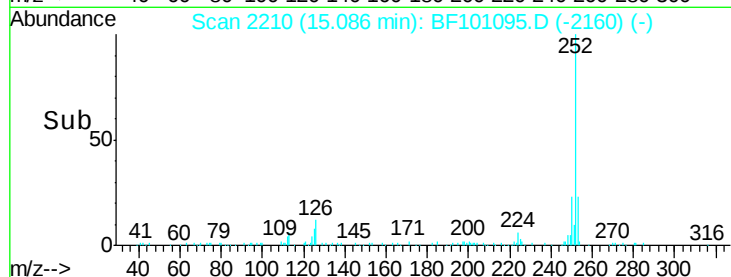
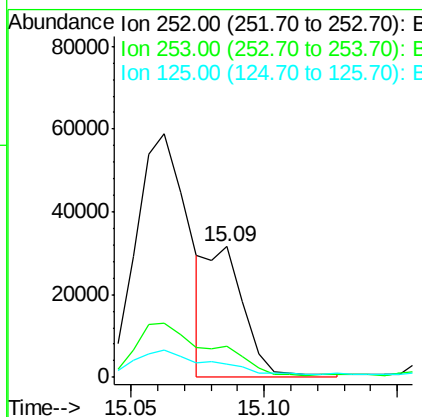
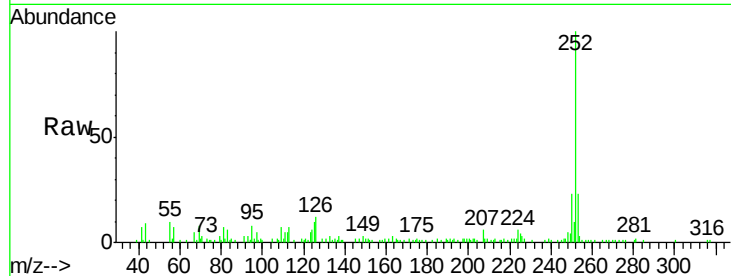
#88
Benzo(k)fluoranthene
Concen: 4.60 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF101095.D
Acq: 4 Dec 2017 14:02

Instrument :
BNA_F
ClientSampleId :
SB-6(5-7)-20171128

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	10.3	10.2	15.2

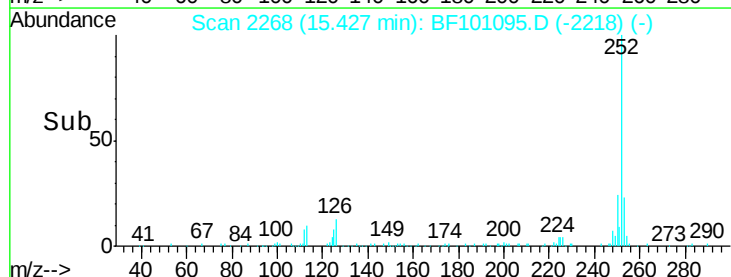
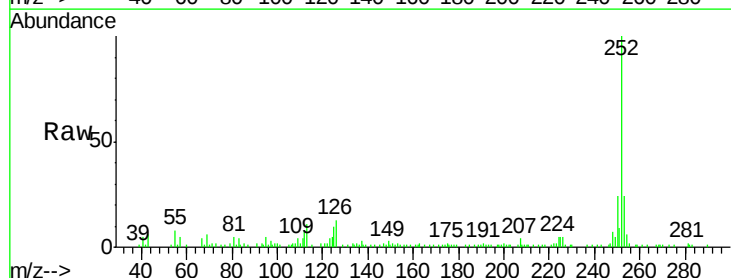
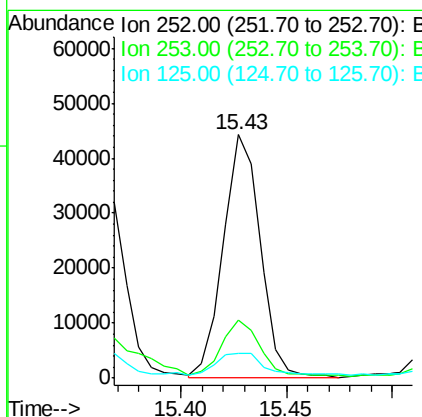
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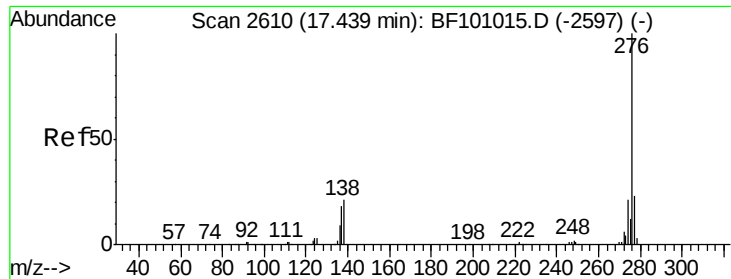
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#89
Benzo(a)pyrene
Concen: 8.62 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101095.D
Acq: 4 Dec 2017 14:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	10.3	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 6.86 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. -0.01 min
 Lab File: BF101095.D
 Acq: 4 Dec 2017 14:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(5-7)-20171128

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	20.9	21.8	32.8

Manual Integrations
 APPROVED

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 12/5/2017 3:24:17 PM

