

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
 Data File : BF095755.D
 Acq On : 7 Jun 2017 20:03
 Operator : SJ/MA
 Sample : I3479-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(0-2)20170604

Manual Integrations
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Quant Time: Jun 08 05:22:41 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	7.39	152	74307	20.00	ng	-0.01
21) Naphthalene-d8	9.42	136	295529	20.00	ng	-0.02
38) Acenaphthene-d10	12.24	164	119934	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	180417	20.00	ng	-0.01
75) Chrysene-d12	18.34	240	145052	20.00	ng	-0.01
86) Perylene-d12	20.01	264	107388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	665842	142.78	ng	0.00
7) Phenol-d6	6.95	99	789065	141.34	ng	0.00
23) Nitrobenzene-d5	8.30	82	453912	95.39	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	129849	122.37	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	831487	96.48	ng	-0.01
78) Terphenyl-d14	17.01	244	479862	82.10	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.89	163	124246	13.64	ng	99
74) Fluoranthene	16.44	202	46378	4.50	ng	99
77) Pyrene	16.75	202	41466	3.83	ng	# 94
80) Benzo(a)anthracene	18.33	228	20305	2.41	ng	95
82) Chrysene	18.38	228	21651m	2.57	ng	
87) Benzo(b)fluoranthene	19.62	252	23282m	3.46	ng	
89) Benzo(a)pyrene	19.96	252	15966	2.58	ng	# 91

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

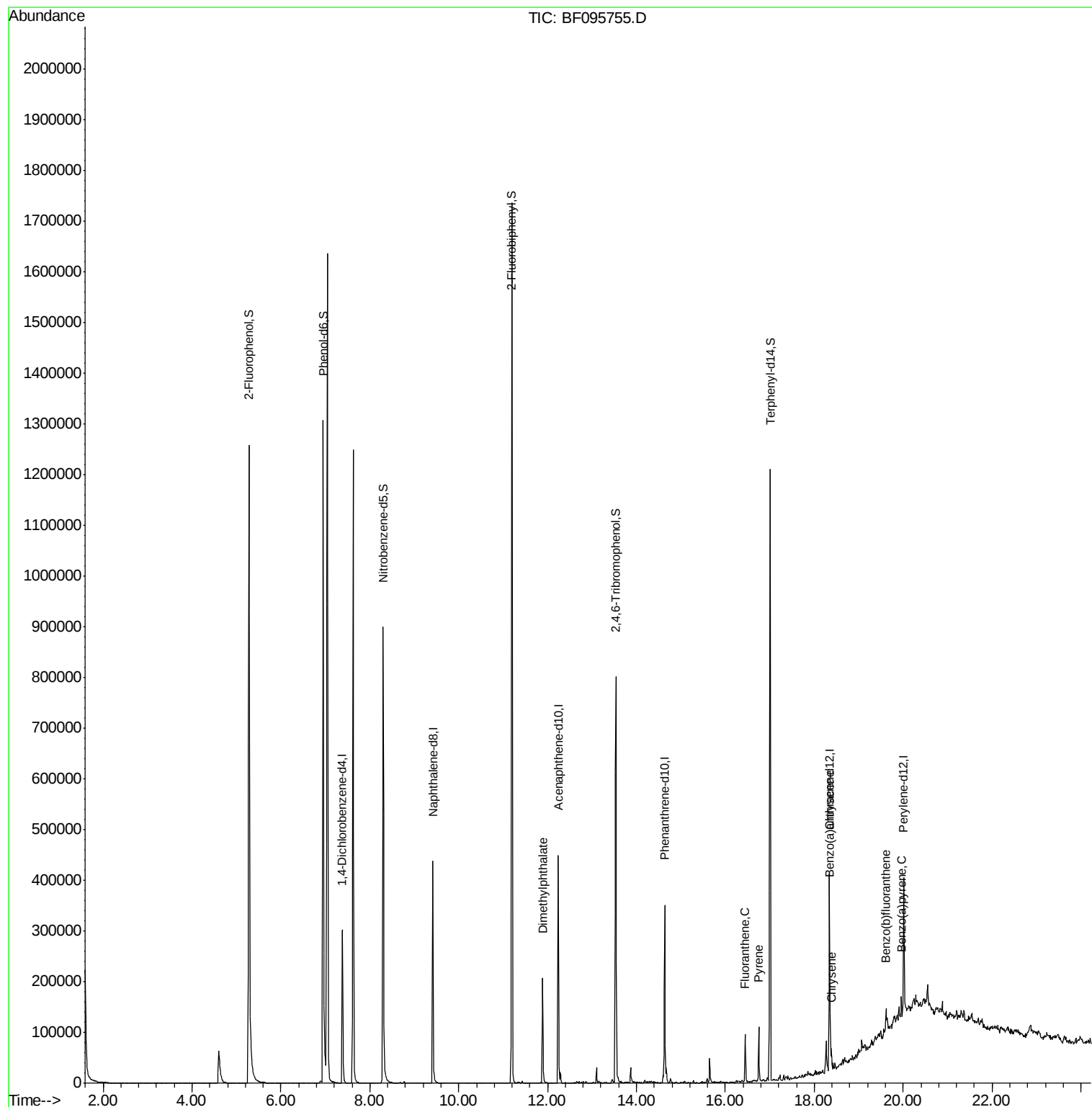
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060717\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

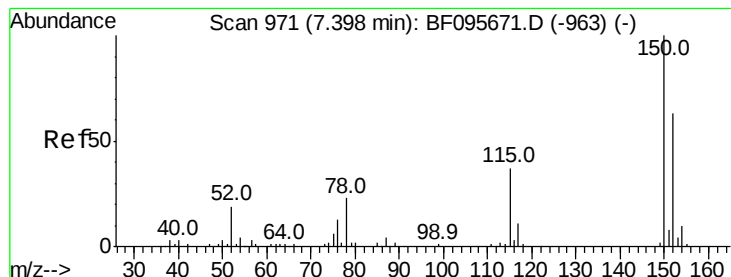
Instrument :
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SB-5(0-2)20170604

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.39 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Instrument :

BNA_F

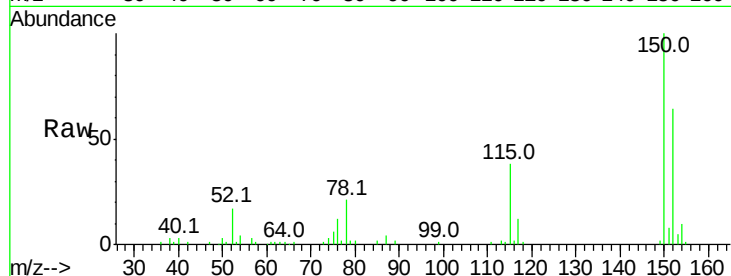
ClientSampleId :

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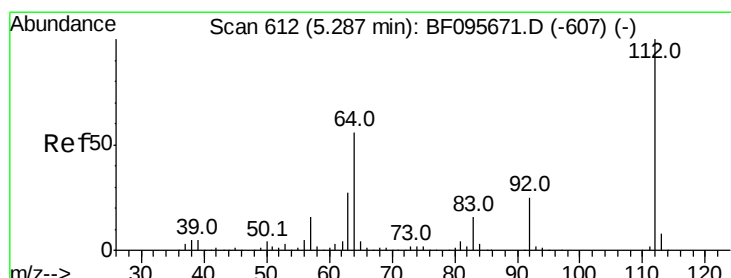
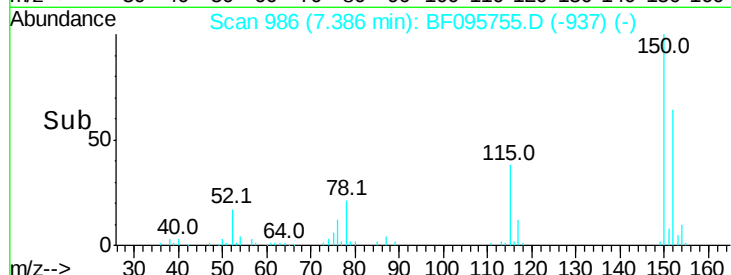
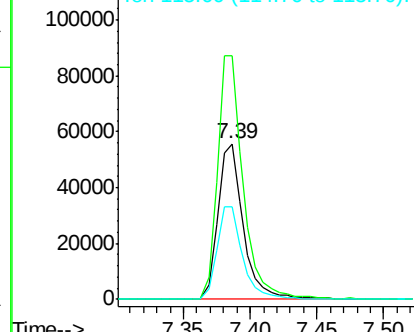
Tot Ion:	152	Resp:	74307
Ion Ratio	Lower	Upper	
152	100		
150	156.1	126.2	189.2
115	59.3	52.2	78.2

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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: 142.78 ng

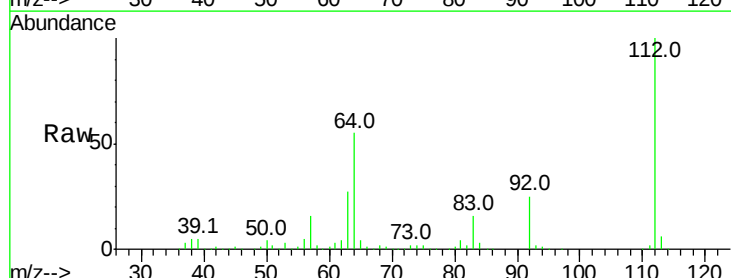
RT: 5.28 min Scan# 628

Delta R.T. -0.01 min

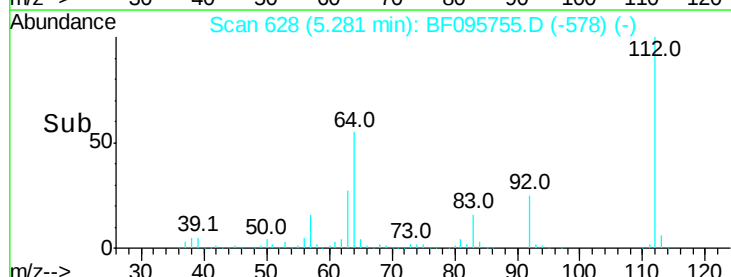
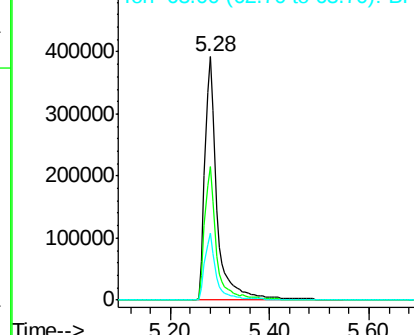
Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Tgt Ion:	112	Resp:	665842
Ion Ratio	Lower	Upper	
112	100		
64	55.1	46.0	69.0
63	27.3	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: 141.34 ng

RT: 6.95 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Instrument :

BNA_F

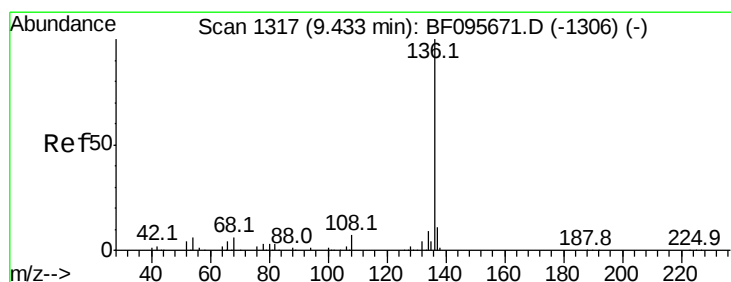
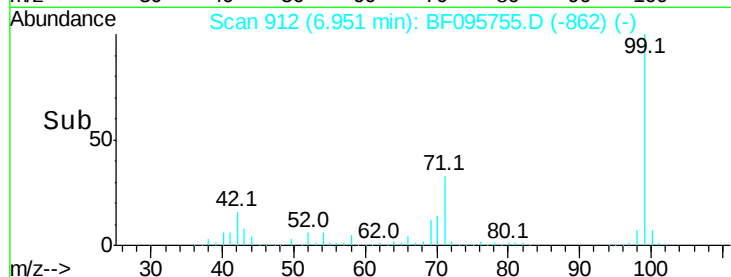
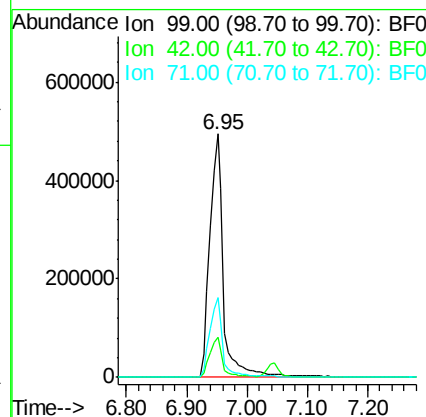
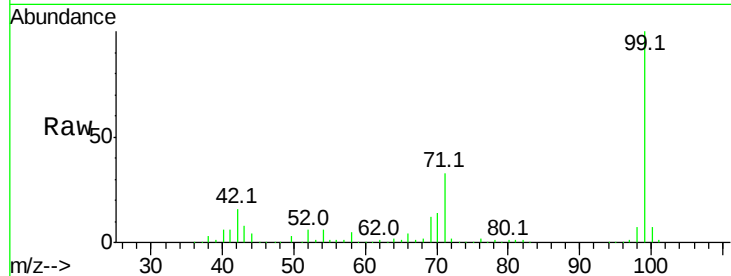
ClientSampleId :

SB-5(0-2)20170604

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		789065		
42	16.2	13.5	20.3		
71	32.5	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

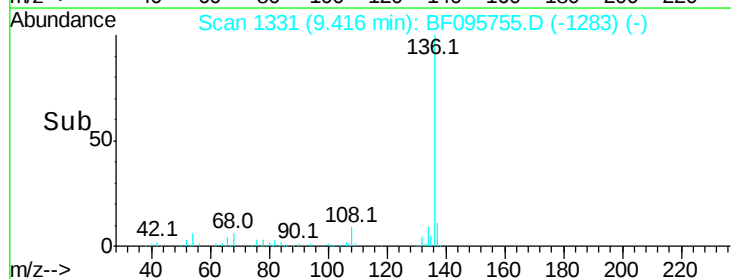
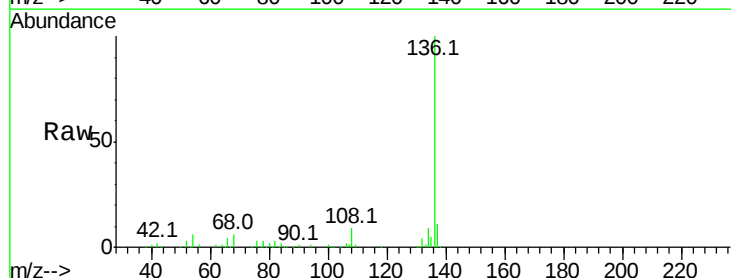
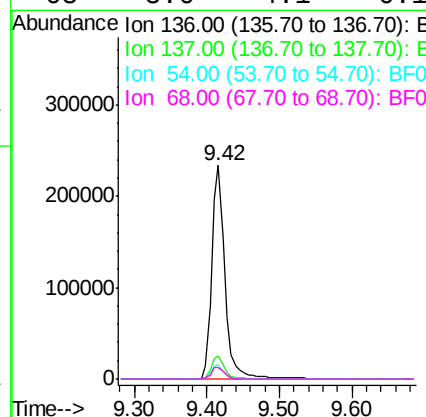
RT: 9.42 min Scan# 1331

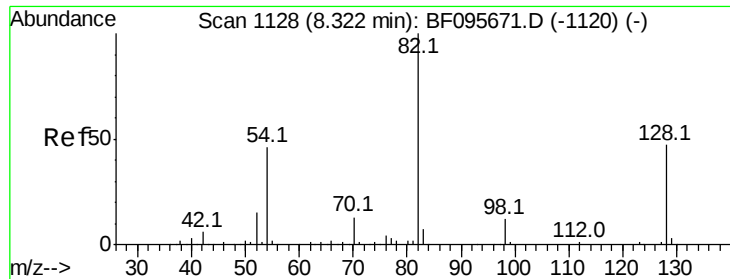
Delta R.T. -0.02 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		295529		
137	10.9	8.5	12.7		
54	6.5	4.9	7.3		
68	5.6	4.1	6.1		





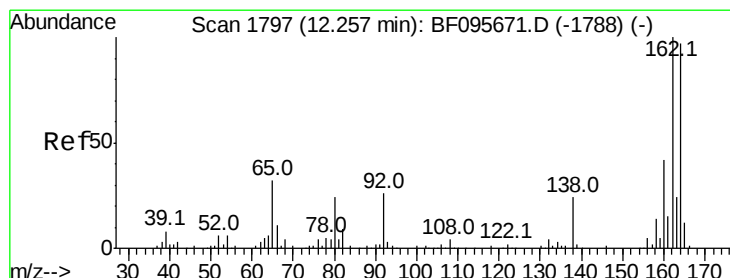
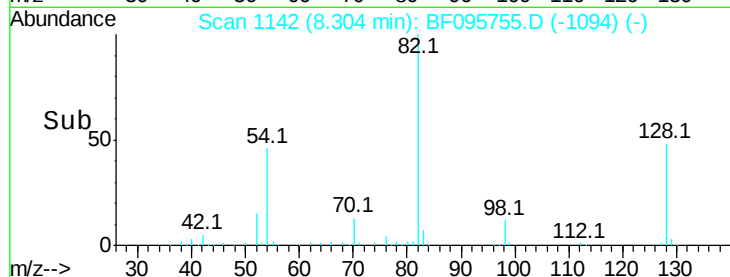
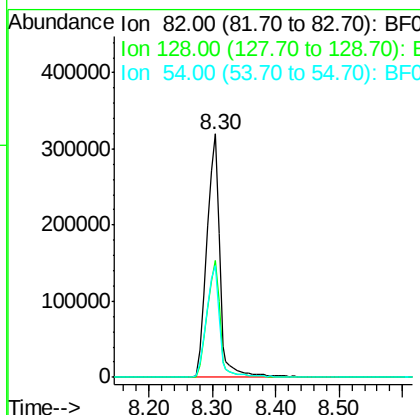
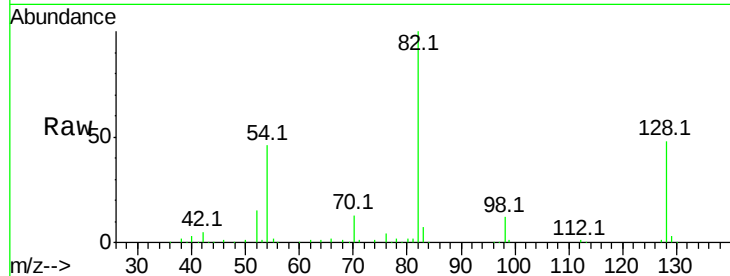
#23
 Nitrobenzene-d5
 Concen: 95.39 ng
 RT: 8.30 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095755.D
 Acq: 7 Jun 2017 20:03

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.0	51.0
54	46.1	42.2	63.2

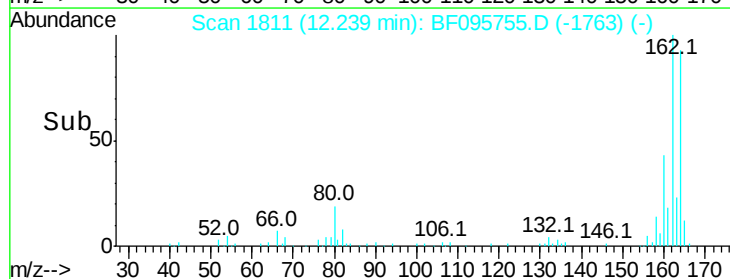
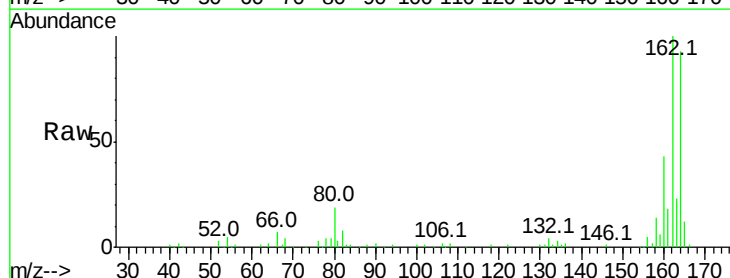
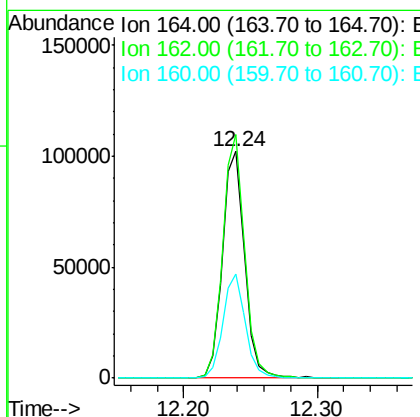
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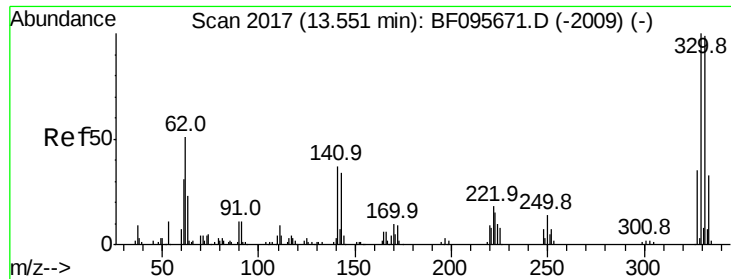
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.24 min Scan# 1811
 Delta R.T. -0.02 min
 Lab File: BF095755.D
 Acq: 7 Jun 2017 20:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.4	82.6	123.8
160	46.0	36.2	54.2





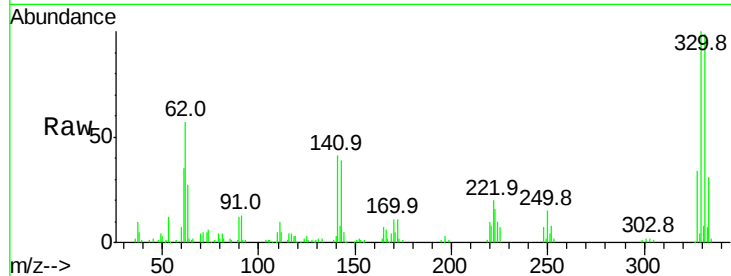
#41
 2,4,6-Tribromophenol
 Concen: 122.37 ng
 RT: 13.53 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF095755.D
 Acq: 7 Jun 2017 20:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(0-2)20170604

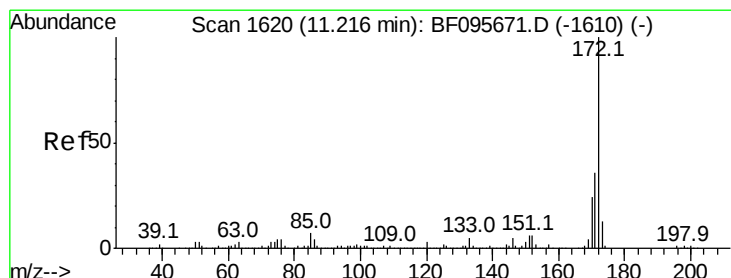
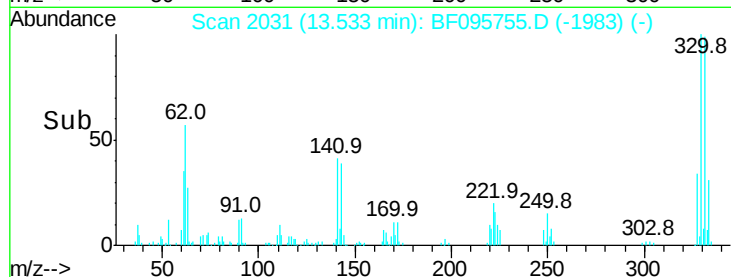
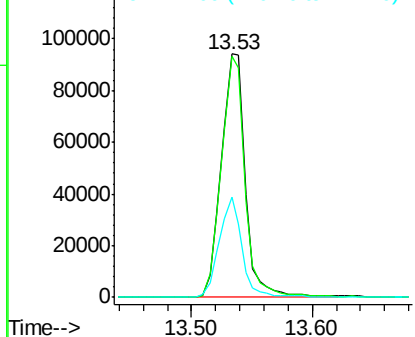
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	76.6	115.0	
141	38.6	31.4	47.2	

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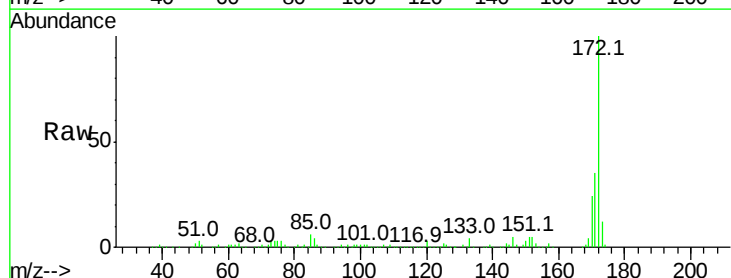


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

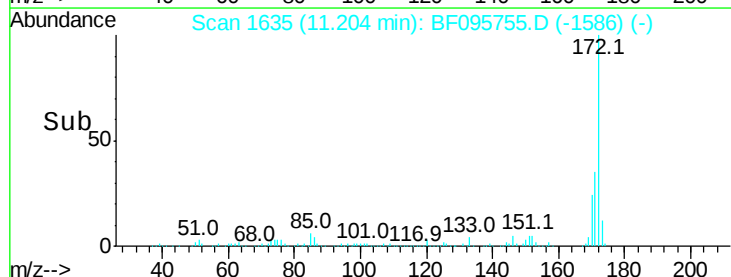
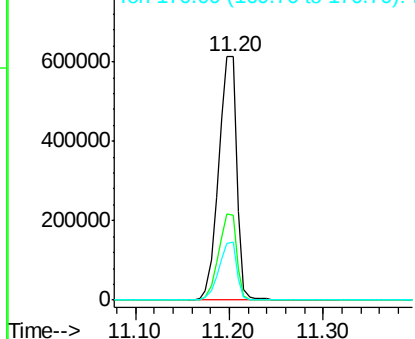


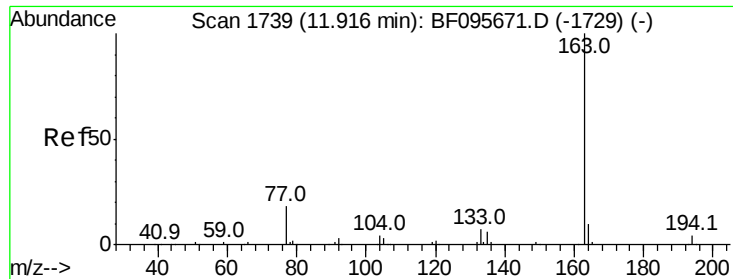
#44
 2-Fluorobiphenyl
 Concen: 96.48 ng
 RT: 11.20 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095755.D
 Acq: 7 Jun 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	29.6	44.4	
170	23.7	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





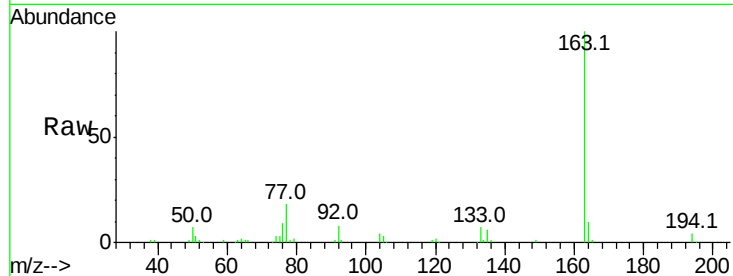
#49
Dimethylphthalate
Concen: 13.64 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.03 min
Lab File: BF095755.D
Acq: 7 Jun 2017 20:03

Instrument :
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ClientSampleId :
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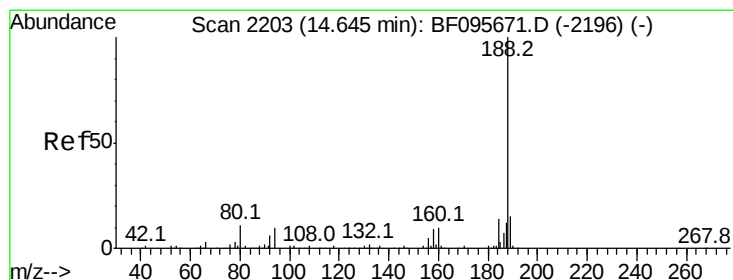
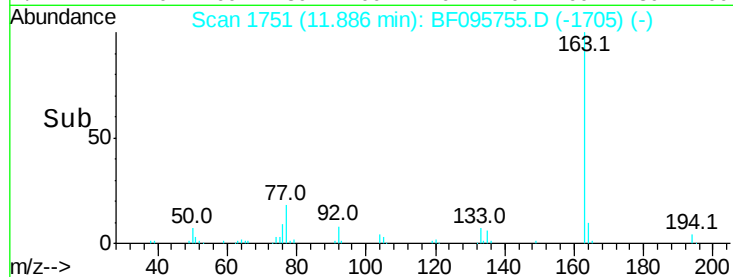
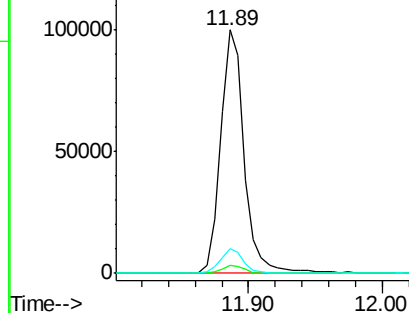
Tot Ion	Ratio	Resp	Lower	Upper
163	100	124246		
194	3.5	2.6	4.0	
164	9.9	8.4	12.6	

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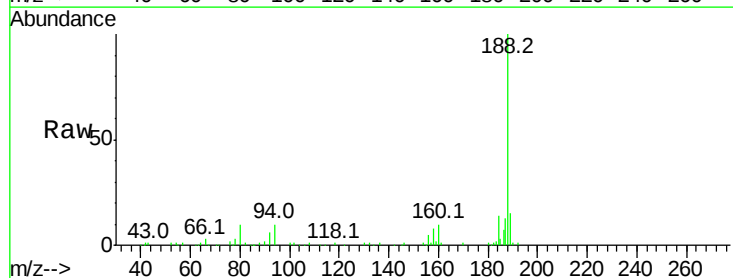


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

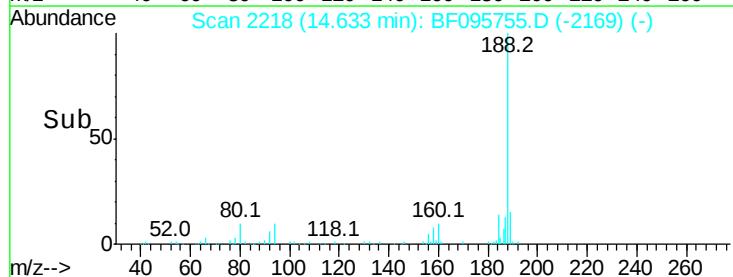
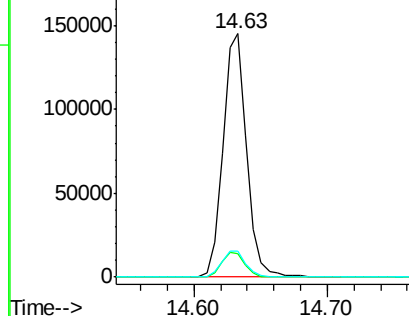


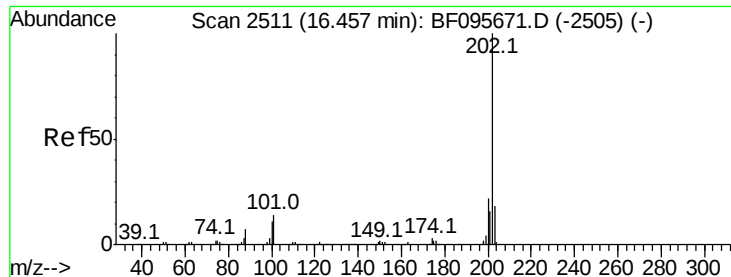
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF095755.D
Acq: 7 Jun 2017 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	180417		
94	9.6	9.4	14.2	
80	10.5	10.2	15.2	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 4.50 ng

RT: 16.44 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Instrument :

BNA_F

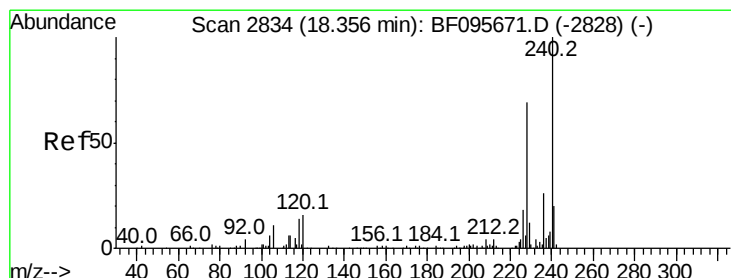
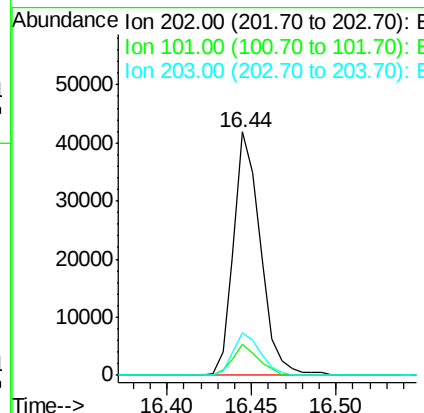
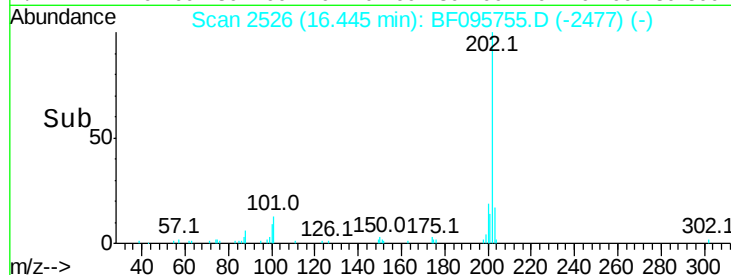
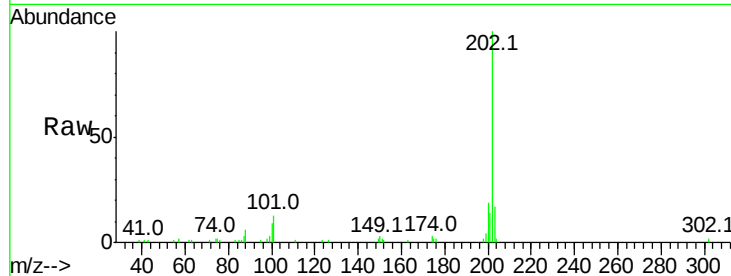
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Tot Ion:	202	Resp:	46378
Ion Ratio		Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.3	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

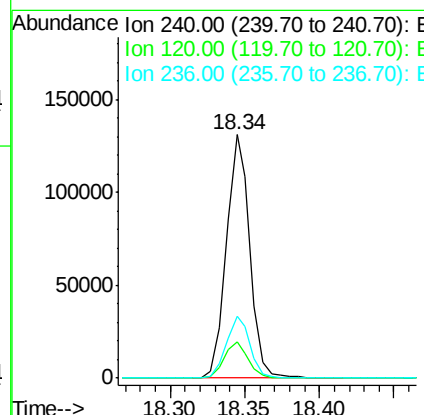
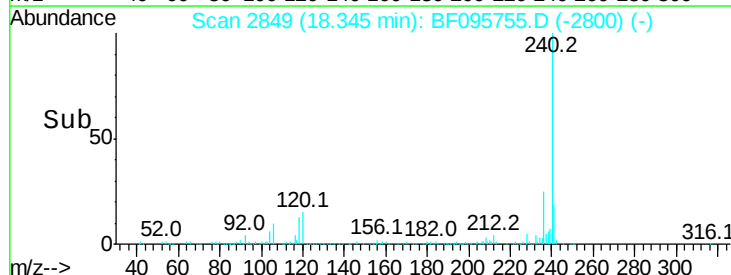
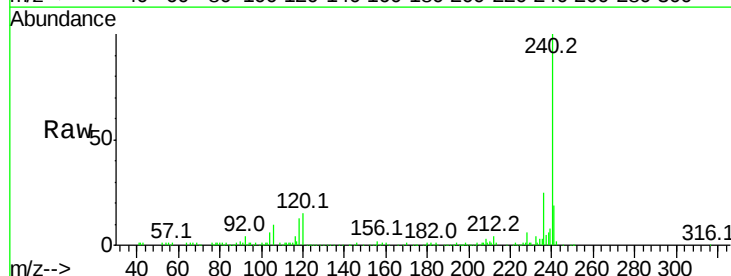
RT: 18.34 min Scan# 2849

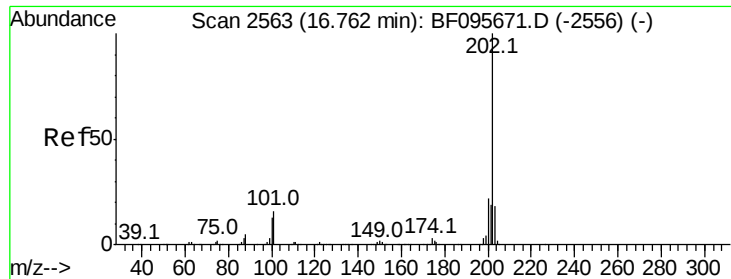
Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Tgt Ion:	240	Resp:	145052
Ion Ratio		Lower	Upper
240	100		
120	15.1	5.8	8.8#
236	25.2	20.5	30.7





#77

Pvrene

Concen: 3.83 ng

RT: 16.75 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Instrument :

BNA_F

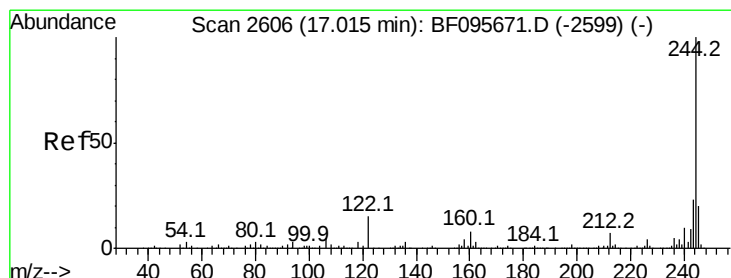
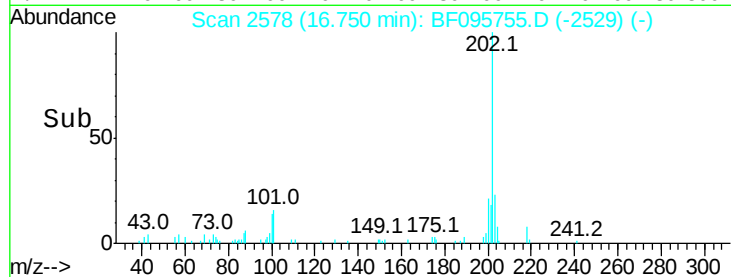
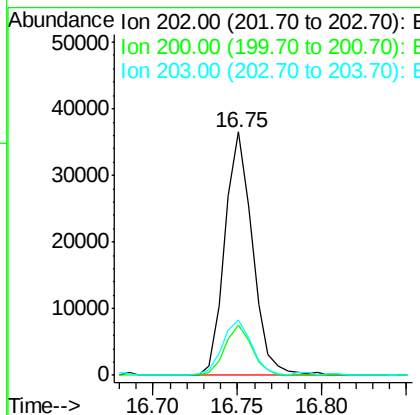
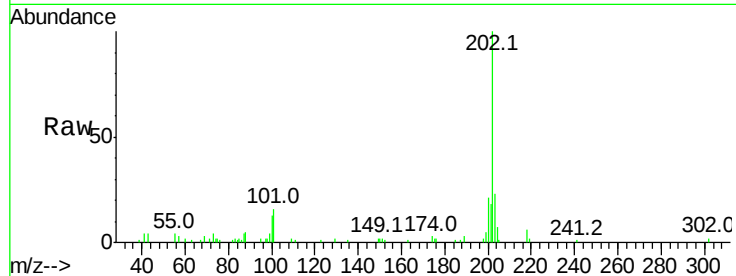
ClientSampleId :

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Tot Ion:	202	Resp:	41466
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.6	26.4
203	22.7	14.4	21.6

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#78

Terphenyl-d14

Concen: 82.10 ng

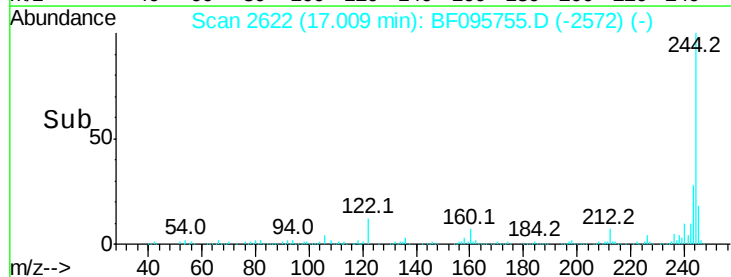
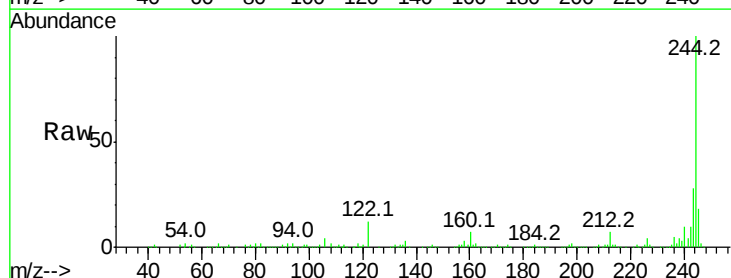
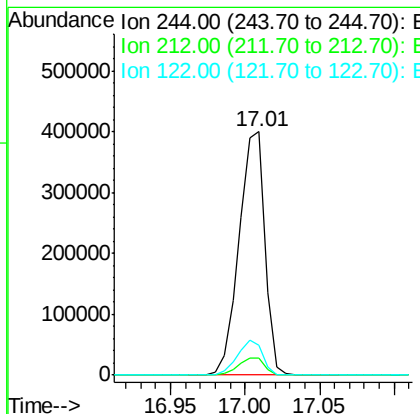
RT: 17.01 min Scan# 2622

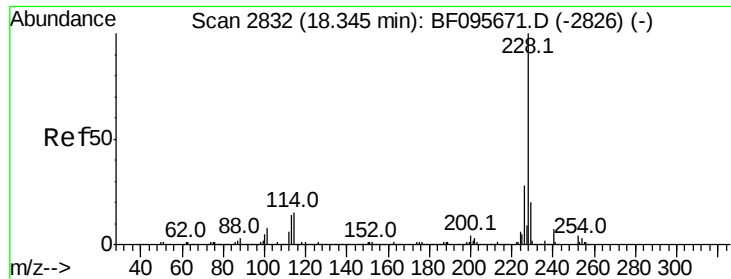
Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Tgt Ion:	244	Resp:	479862
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	12.1	10.3	15.5





#80

Benzo(a)anthracene

Concen: 2.41 ng

RT: 18.33 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Instrument :

BNA_F

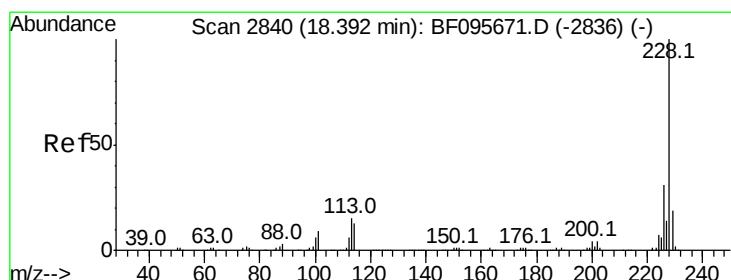
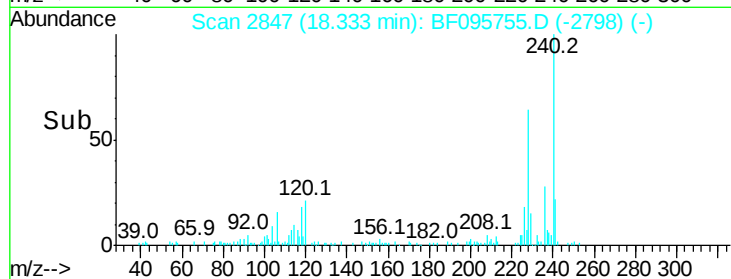
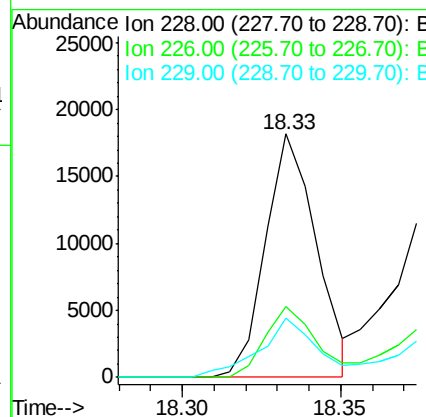
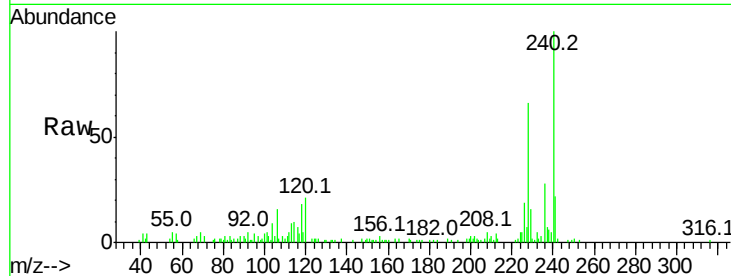
ClientSampleId :

SB-5(0-2)20170604

Tot Ion:	228	Resp:	20305
Ion Ratio	Lower	Upper	
228	100		
226	29.2	22.6	33.8
229	24.3	16.3	24.5

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#82

Chrysene

Concen: 2.57 ng m

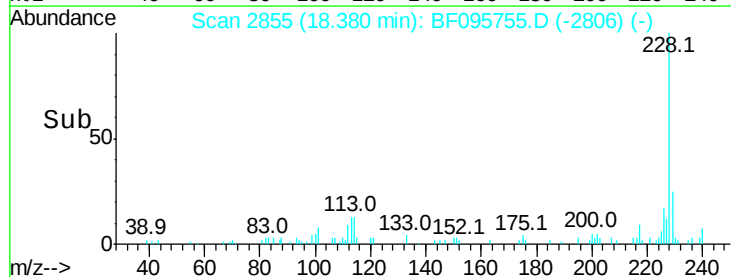
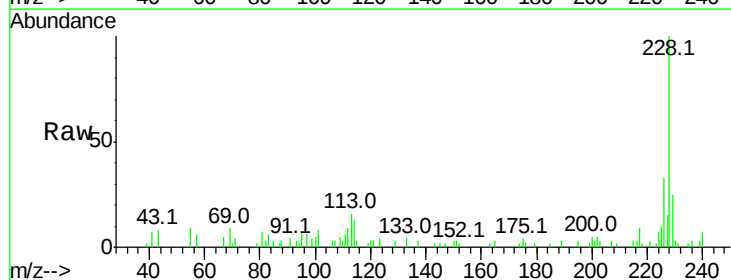
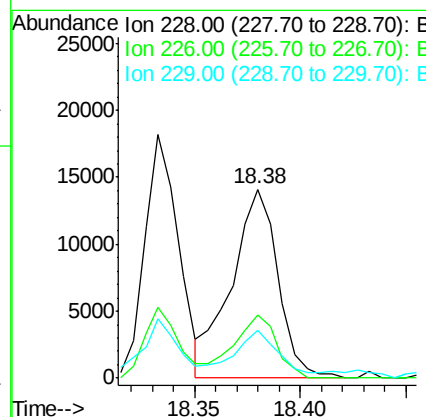
RT: 18.38 min Scan# 2855

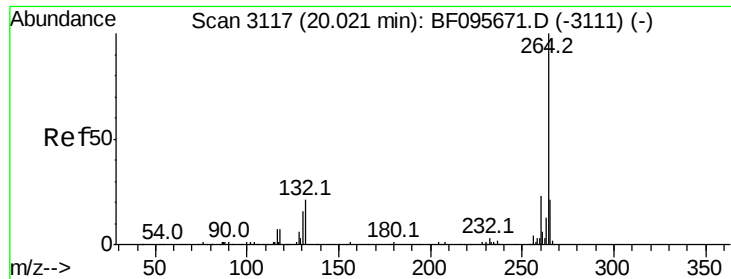
Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Tgt Ion:	228	Resp:	21651
Ion Ratio	Lower	Upper	
228	100		
226	33.1	24.9	37.3
229	25.3	15.8	23.6#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 20.01 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Instrument :

BNA_F

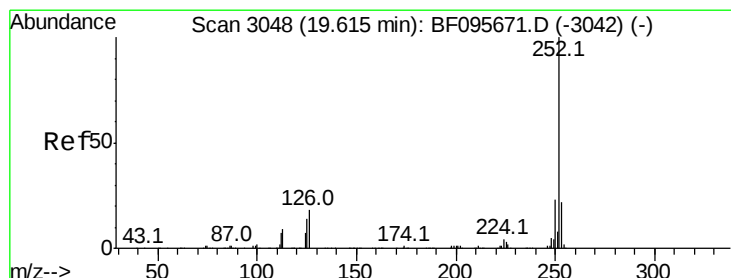
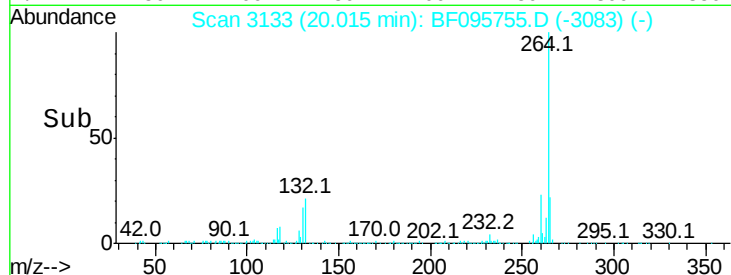
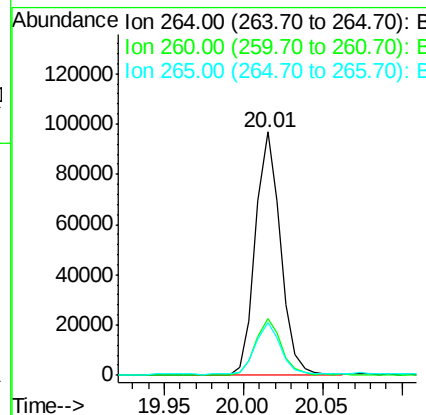
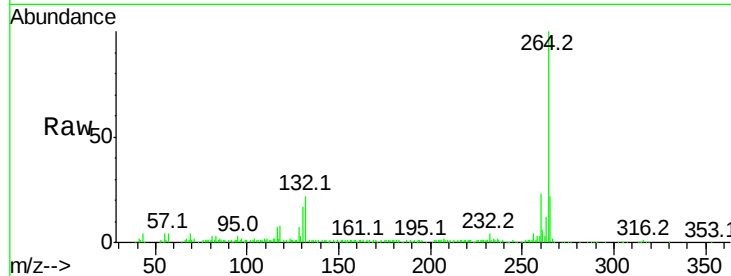
ClientSampleId :

SB-5(0-2)20170604

Tot Ion:	264	Resp:	107388
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.5	29.3
265	21.7	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 3.46 ng m

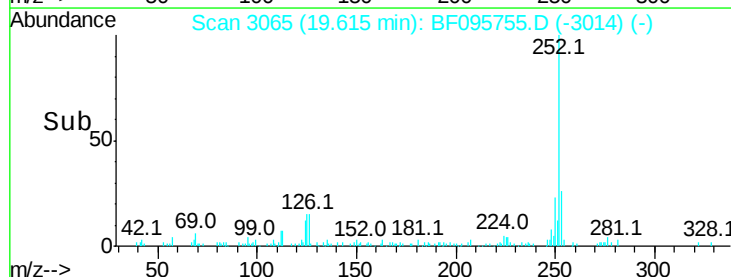
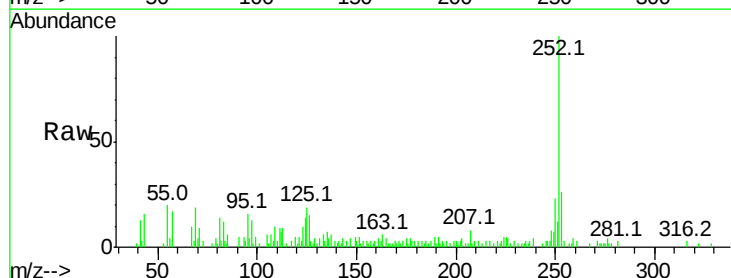
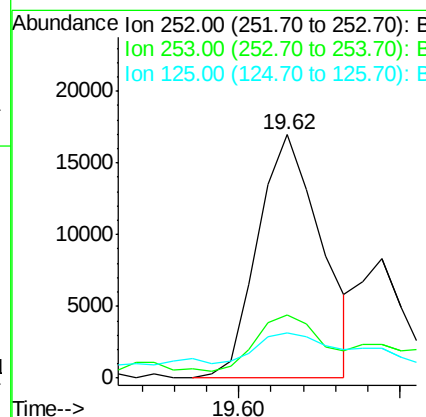
RT: 19.62 min Scan# 3065

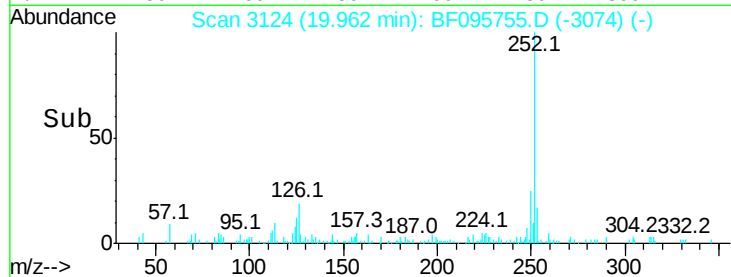
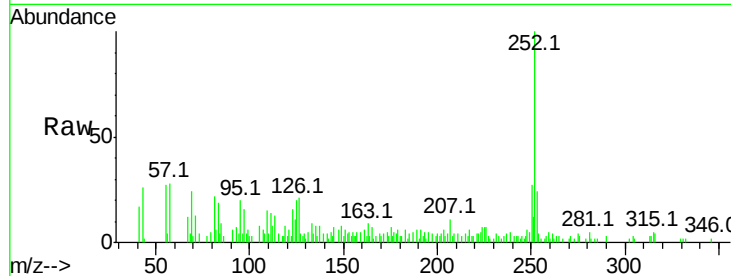
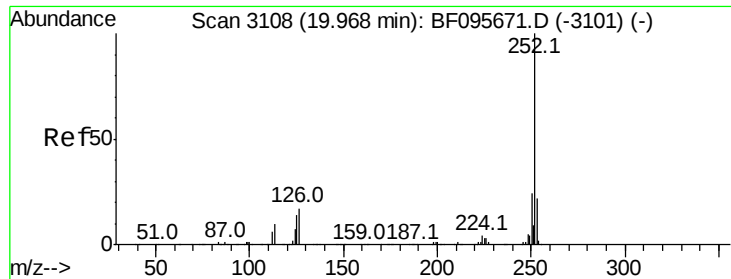
Delta R.T. -0.00 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Tgt Ion:	252	Resp:	23282
Ion Ratio	Lower	Upper	
252	100		
253	26.1	18.1	27.1
125	18.8	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.58 ng

RT: 19.96 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BF095755.D

Acq: 7 Jun 2017 20:03

Instrument :

BNA_F

ClientSampleId :

SB-5(0-2)20170604

Tot Ion	Ratio	Resp	Lower	Upper
252	100	15966		
253	24.2		17.5	26.3
125	20.1		11.0	16.4

Manual Integrations
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