

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096820.D
 Acq On : 17 Jul 2017 15:36
 Operator : SJ/JU
 Sample : I4193-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-071317

Manual Integrations
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Quant Time: Jul 17 18:19:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 18:17:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	113868	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	456392	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	181287	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	250776	20.00	ng	0.00
75) Chrysene-d12	13.73	240	225393	20.00	ng	0.00
86) Perylene-d12	15.11	264	183446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	746676	98.60	ng	0.01
7) Phenol-d6	6.26	99	897373	98.74	ng	0.00
23) Nitrobenzene-d5	7.17	82	537115	72.90	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	141818	91.65	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	847873	73.89	ng	0.00
78) Terphenyl-d14	12.70	244	476883	36.69	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.36	163	190456	13.953	ng	98
70) Phenanthrene	11.13	178	53082	3.893	ng	100
77) Pyrene	12.54	202	97782	4.780	ng	99
80) Benzo(a)anthracene	13.72	228	45248	3.222	ng #	95
82) Chrysene	13.76	228	49277	3.564	ng #	92
85) Indeno(1,2,3-cd)pyrene	16.40	276	15826	4.519	ng	99
87) Benzo(b)fluoranthene	14.73	252	46534m	4.206	ng	
89) Benzo(a)pyrene	15.06	252	33935	3.344	ng #	82

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

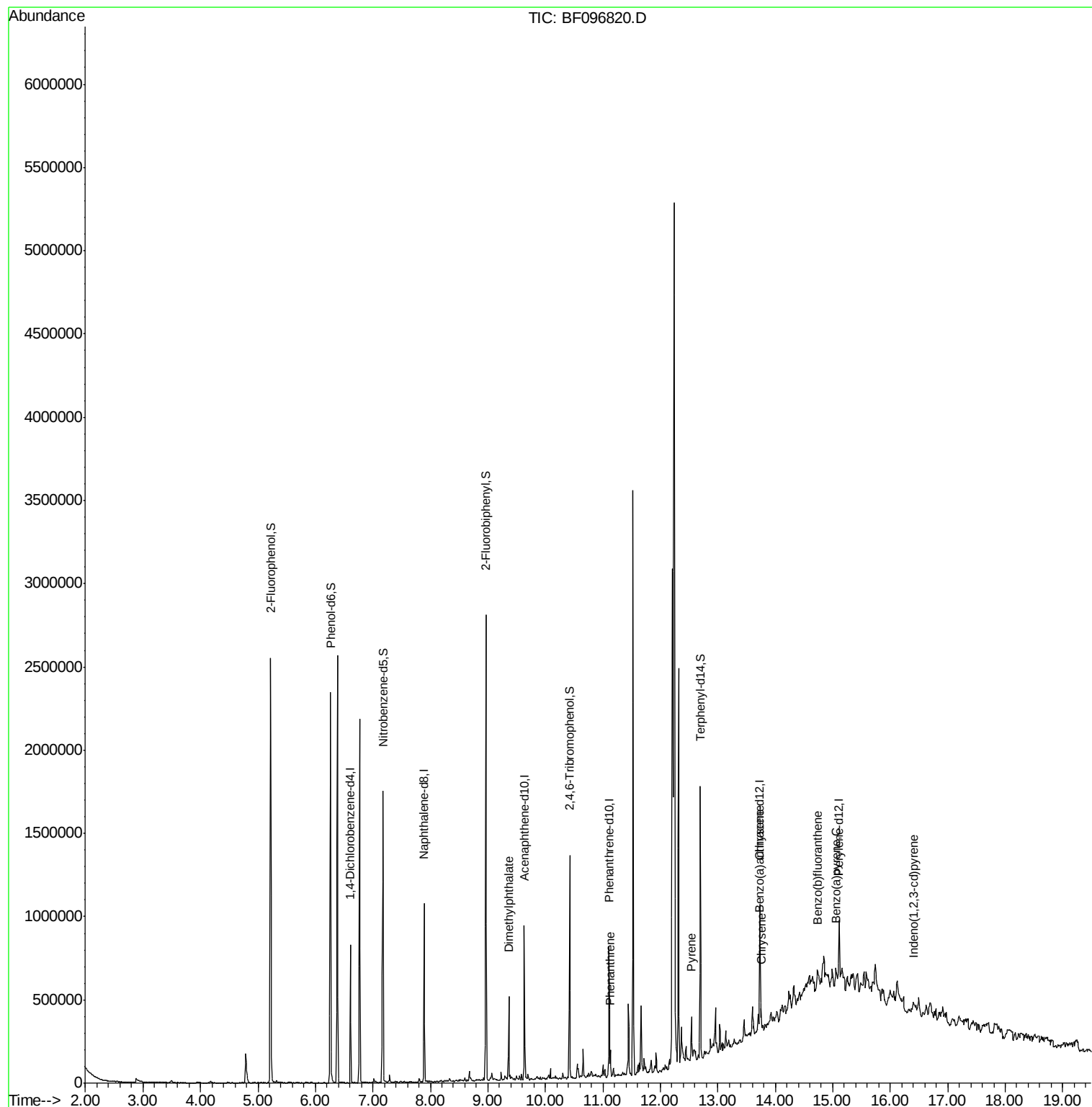
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096820.D
Acq On : 17 Jul 2017 15:36
Operator : SJ/JU
Sample : I4193-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

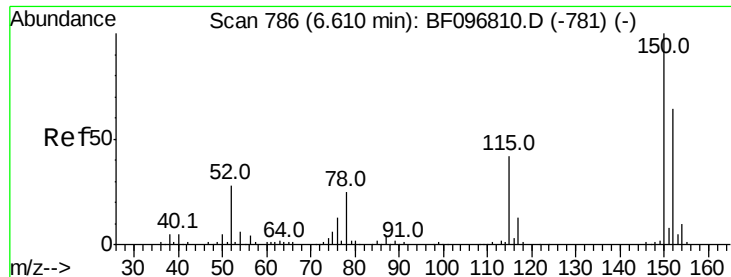
Instrument :
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ClientSampleId :
TR-04-071317

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Quant Time: Jul 17 18:19:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 18:17:21 2017
Response via : Initial Calibration





#1

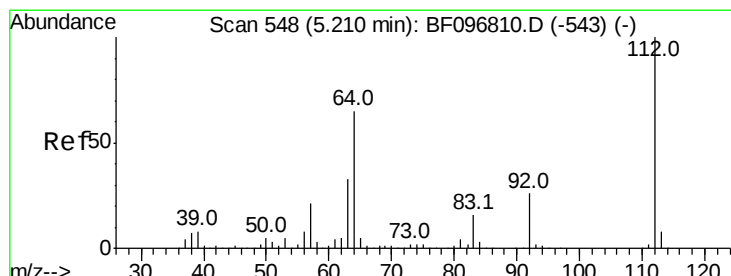
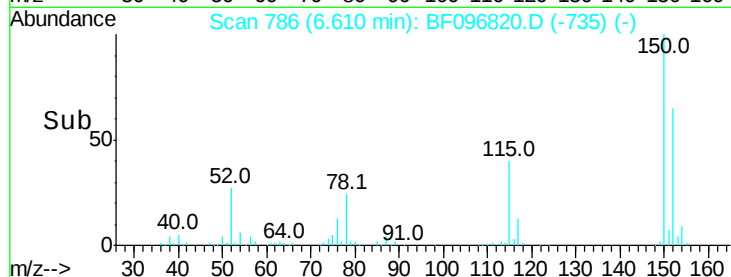
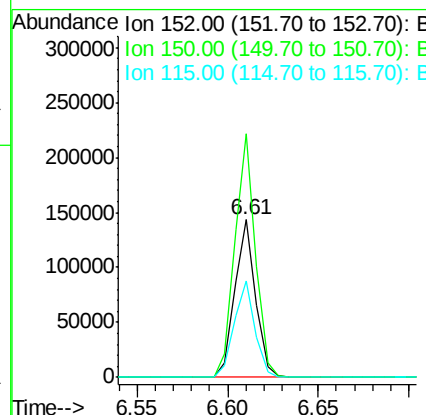
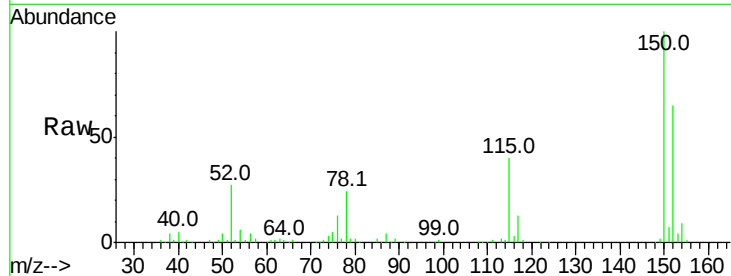
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	61.0	52.2	78.2

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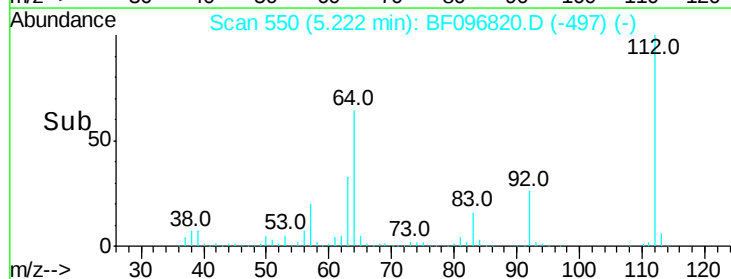
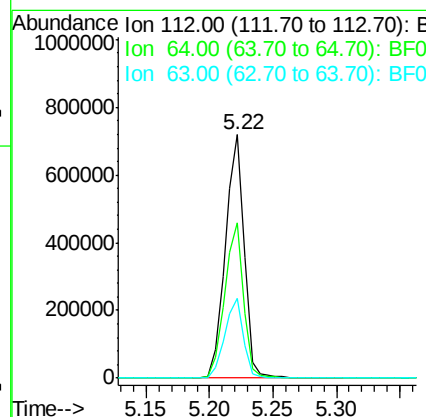
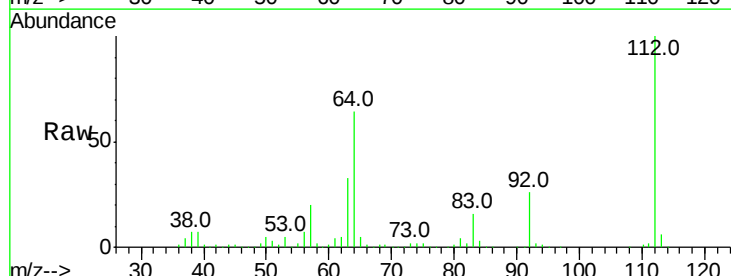
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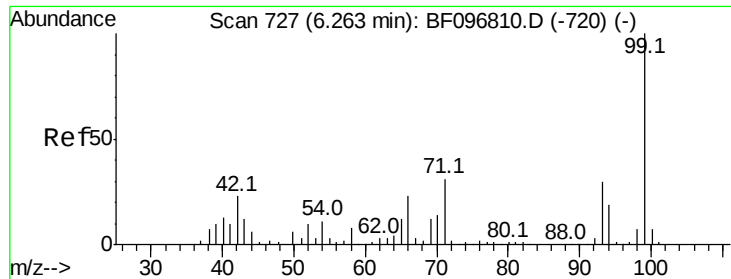


#5

2-Fluorophenol
Concen: 98.596 ng
RT: 5.22 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	46.0	69.0
63	32.6	23.4	35.0





#7

Phenol-d6

Concen: 98.743 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF096820.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_F

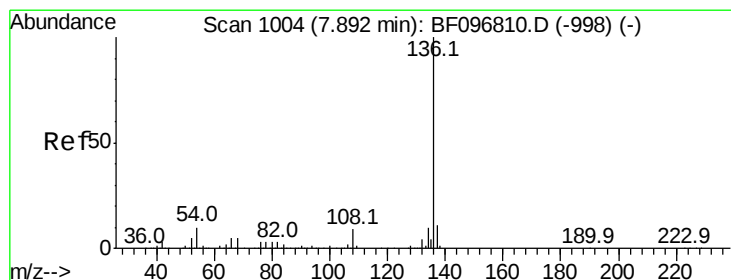
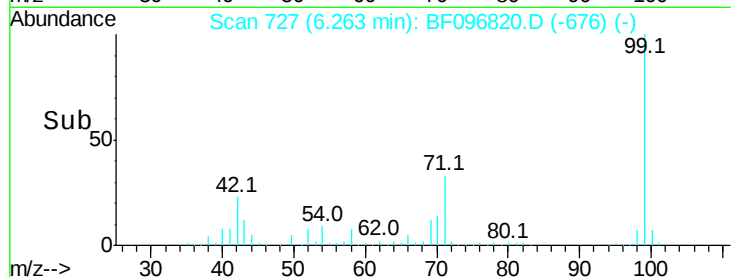
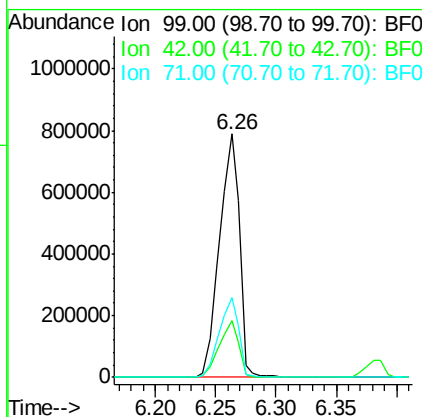
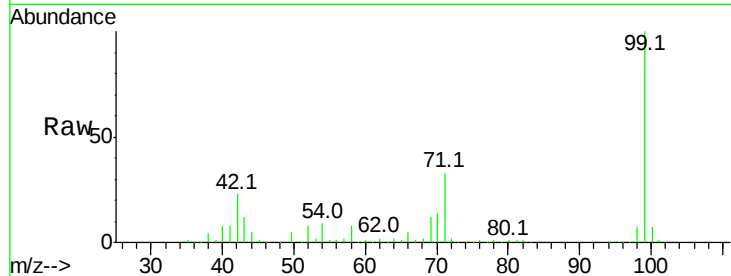
ClientSampleId :

TR-04-071317

Tot Ion:	99	Resp:	897373
Ion Ratio	Lower	Upper	
99	100		
42	23.3	13.5	20.3#
71	32.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

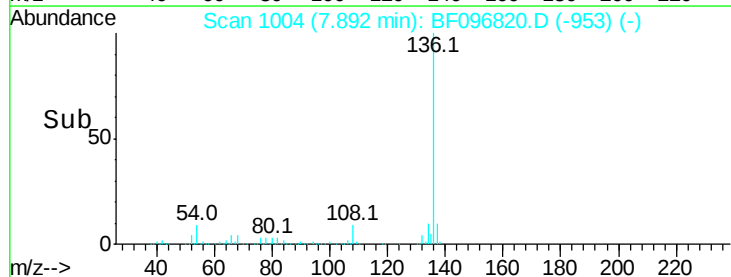
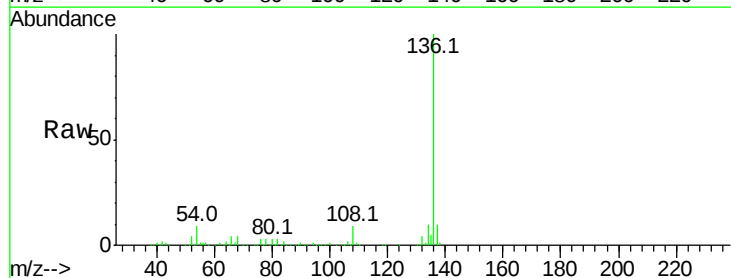
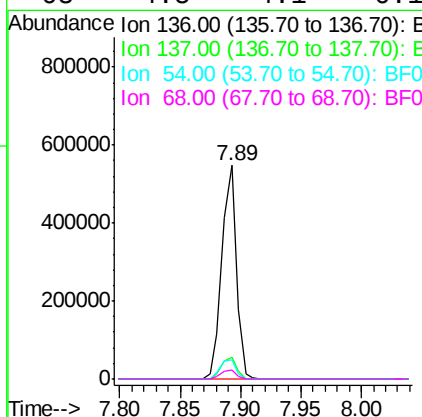
RT: 7.89 min Scan# 1004

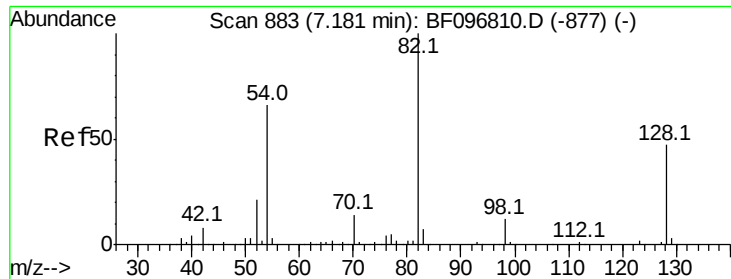
Delta R.T. -0.00 min

Lab File: BF096820.D

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Tgt Ion:	136	Resp:	456392
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	9.0	4.9	7.3#
68	4.5	4.1	6.1





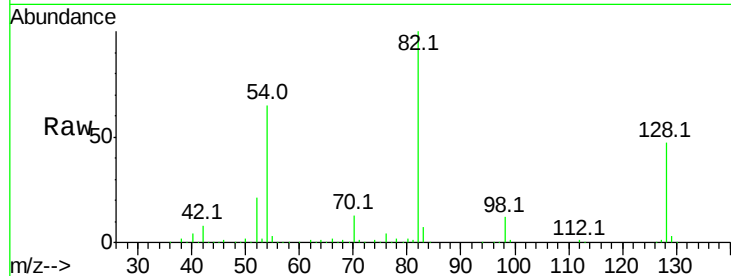
#23
Nitrobenzene-d5
Concen: 72.896 ng
RT: 7.17 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

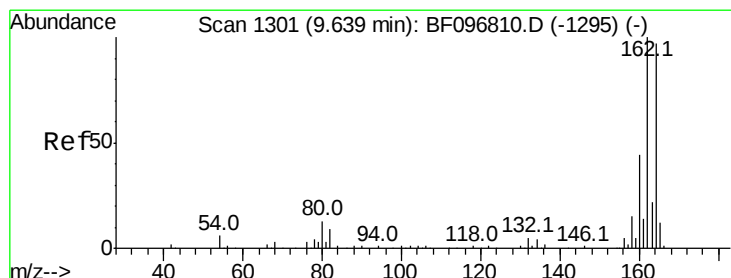
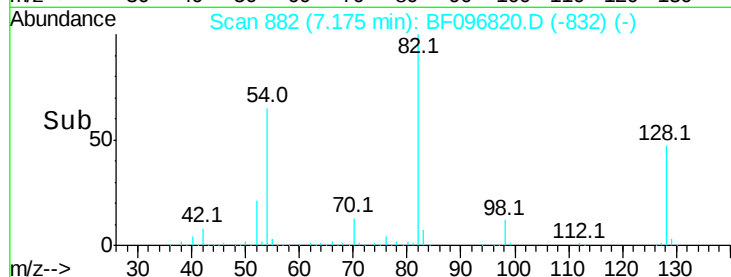
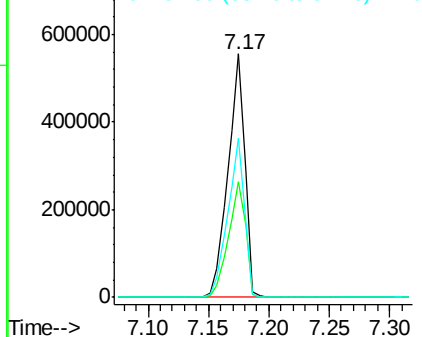
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.5	34.0	51.0	
54	65.3	42.2	63.2	

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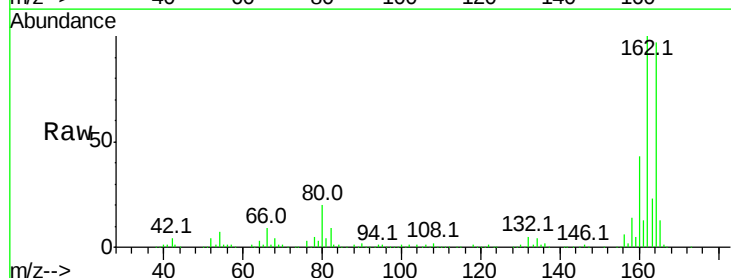


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

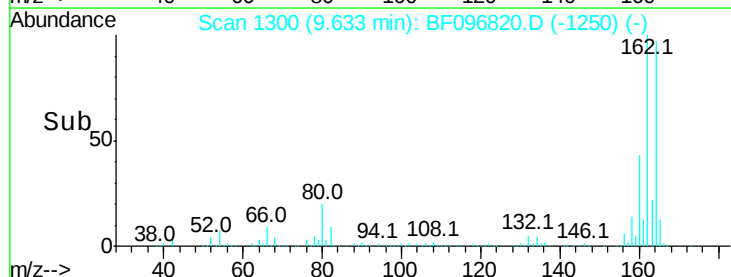
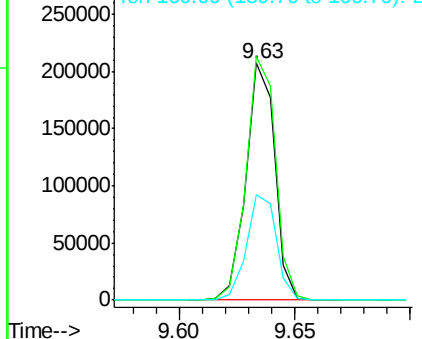


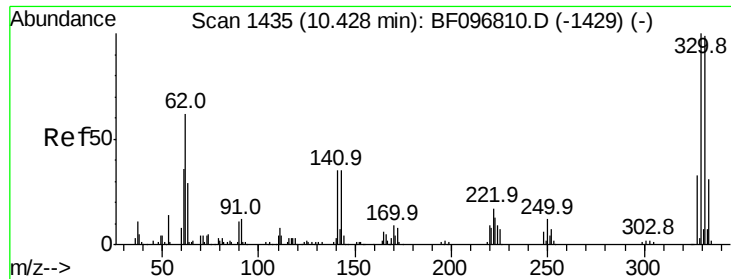
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	82.6	123.8	
160	44.2	36.2	54.2	



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





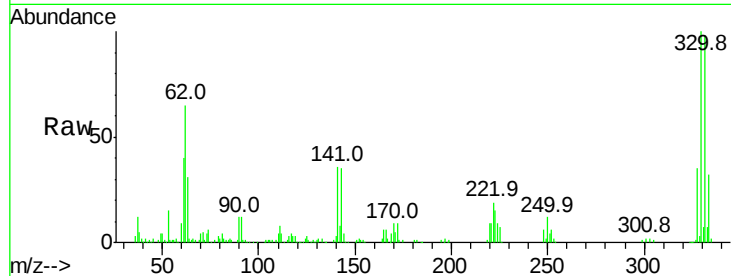
#41
 2,4,6-Tribromophenol
 Concen: 91.647 ng
 RT: 10.42 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF096820.D
 Acq: 17 Jul 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-071317

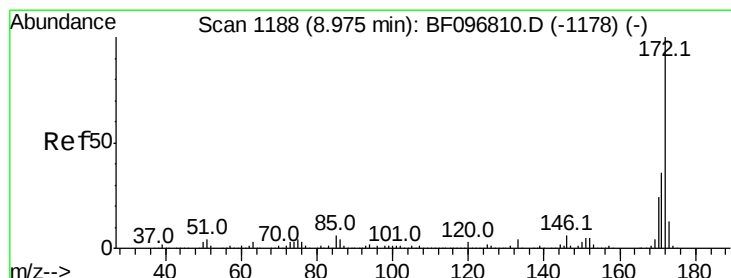
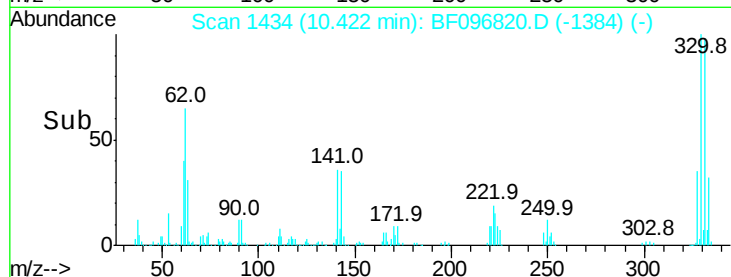
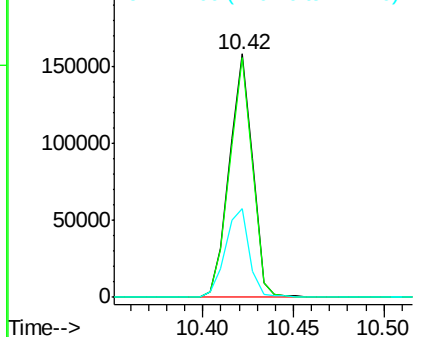
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	76.6	115.0	
141	38.3	31.4	47.2	

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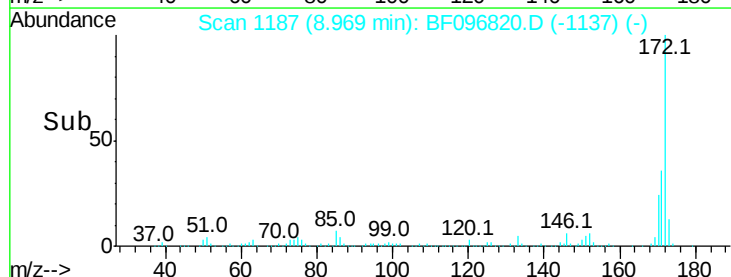
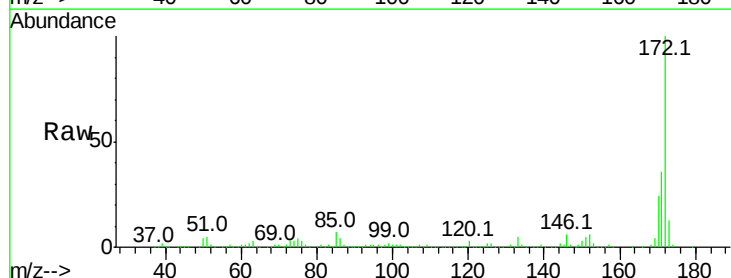
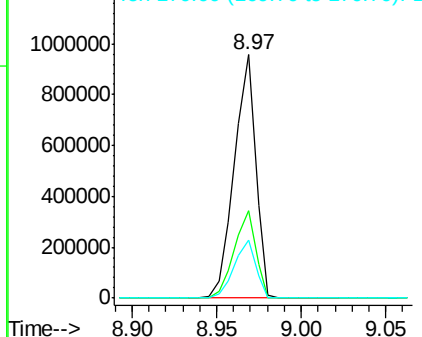
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

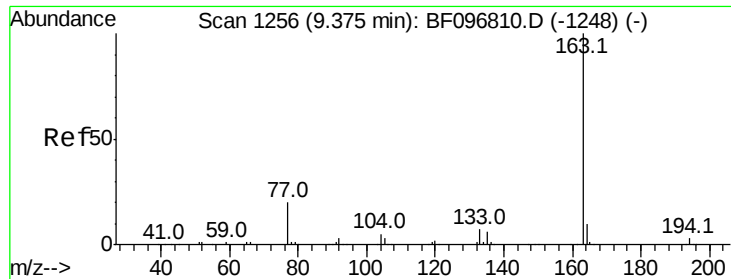


#44
 2-Fluorobiphenyl
 Concen: 73.892 ng
 RT: 8.97 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF096820.D
 Acq: 17 Jul 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.6	44.4	
170	24.1	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





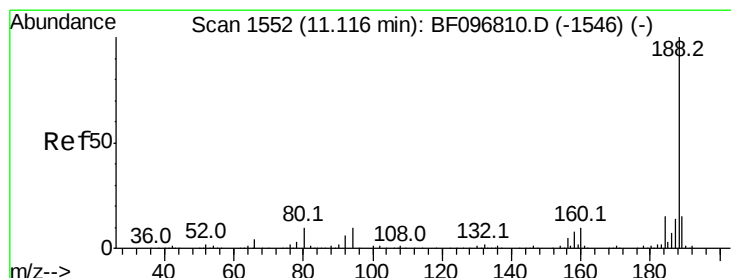
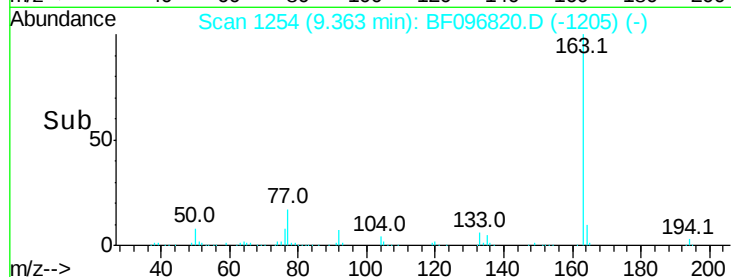
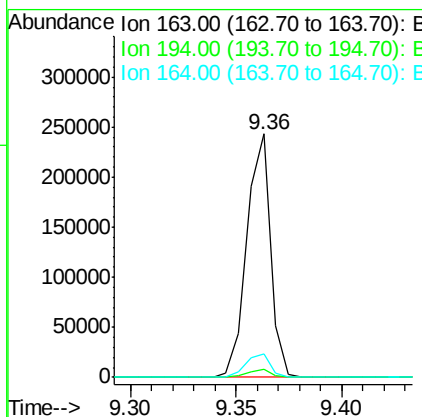
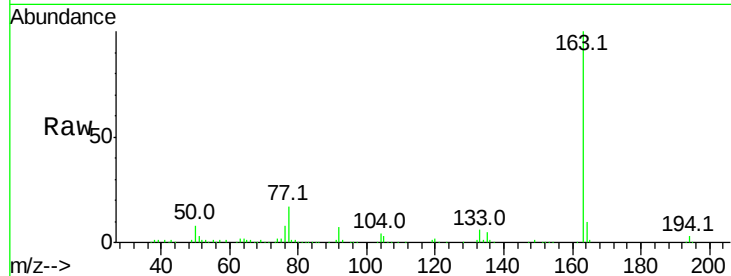
#49
Dimethylphthalate
Concen: 13.953 ng
RT: 9.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tot Ion	Ratio	Resp	Lower	Upper
163	100	190456		
194	3.2		2.6	4.0
164	9.5		8.4	12.6

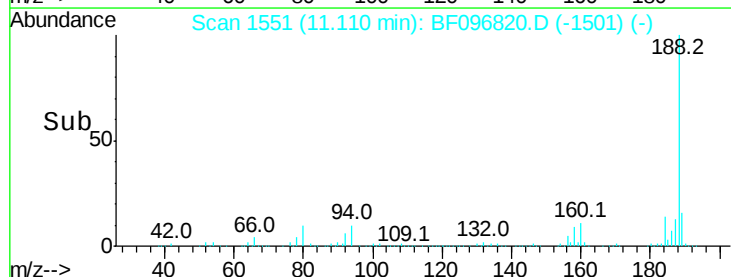
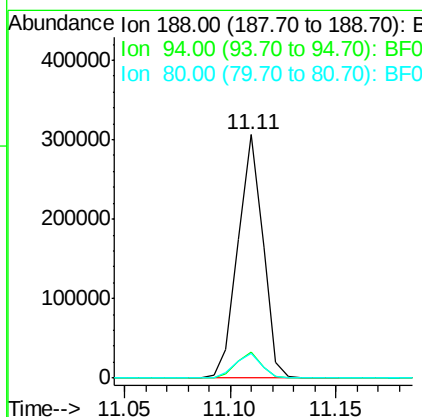
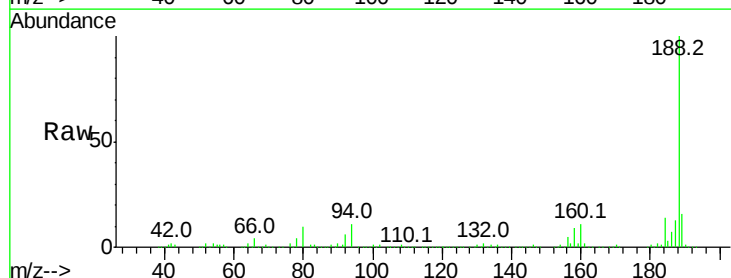
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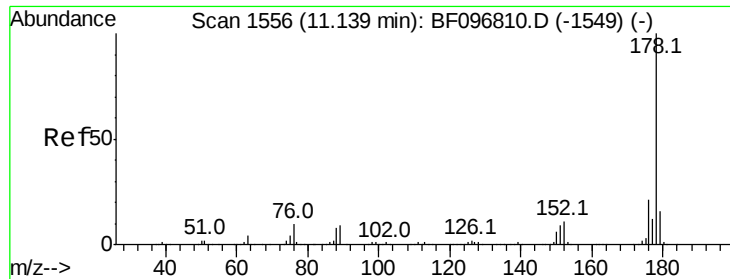
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	250776		
94	10.6		9.4	14.2
80	10.4		10.2	15.2





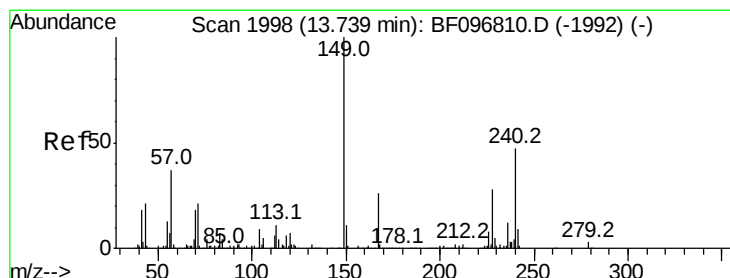
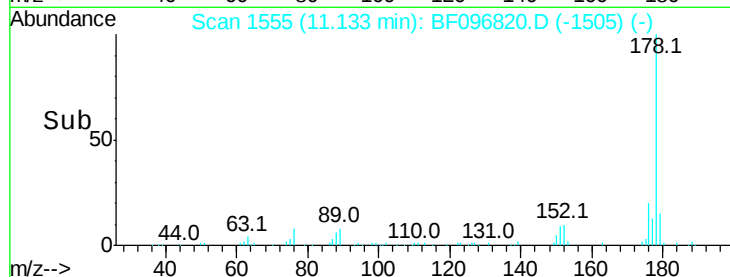
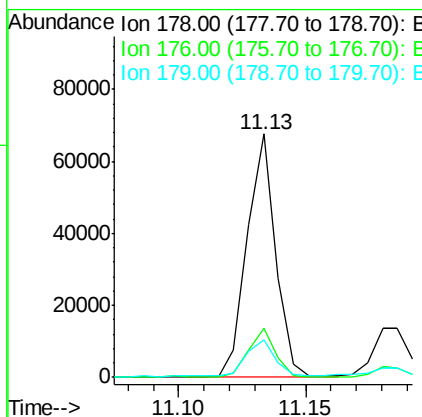
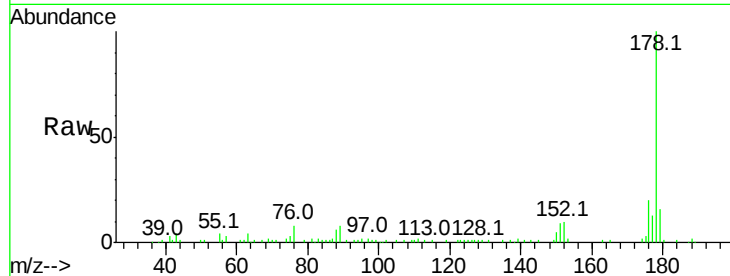
#70
Phenanthrene
Concen: 3.893 ng
RT: 11.13 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.5	12.6	19.0

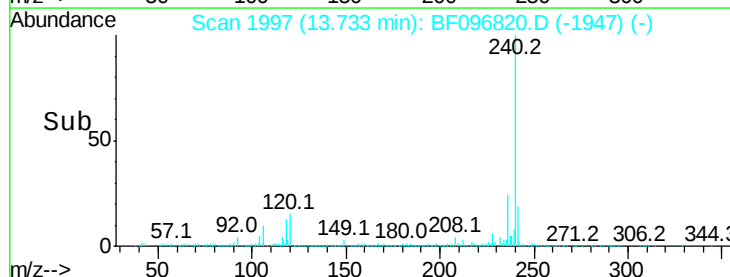
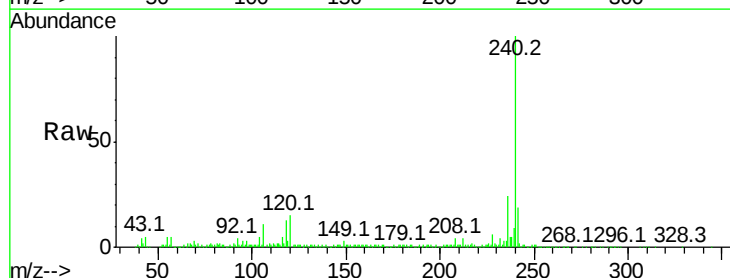
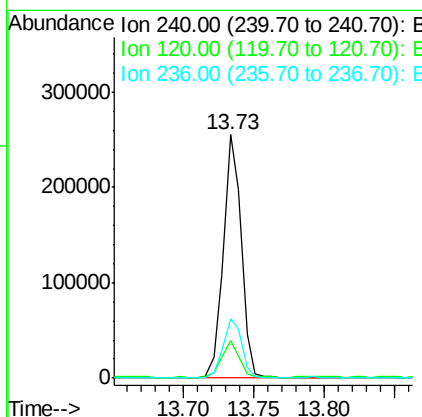
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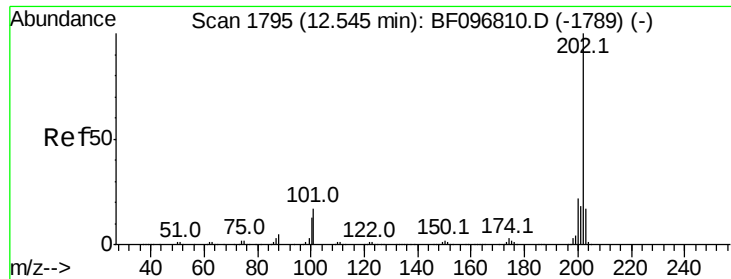
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	24.4	20.5	30.7





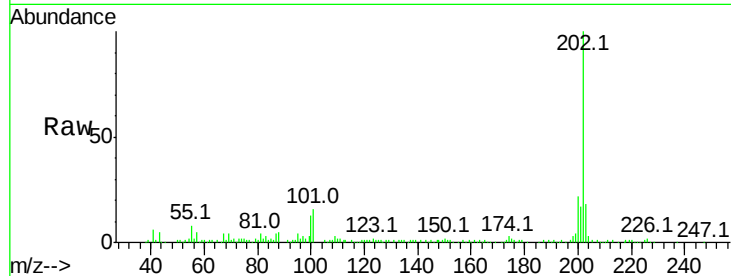
#77
Pvrene
Concen: 4.780 ng
RT: 12.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampled :
TR-04-071317

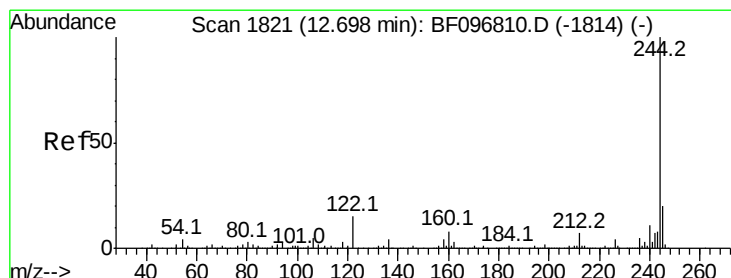
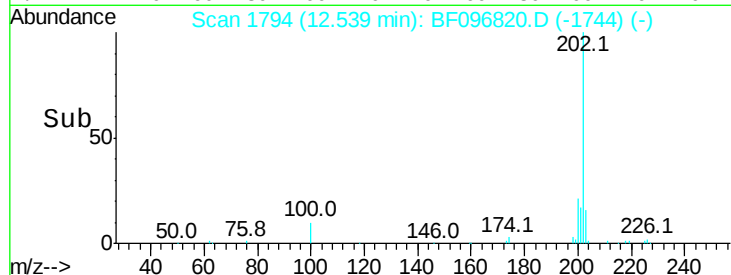
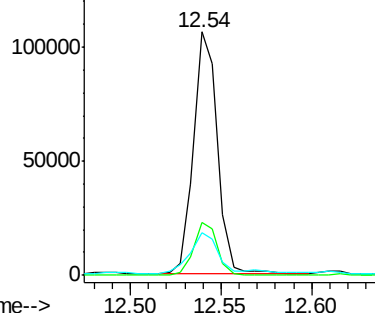
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.6	14.4	21.6

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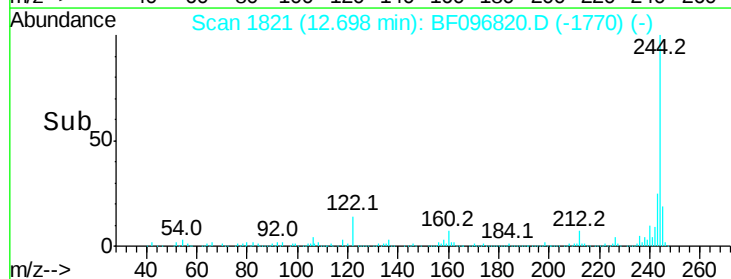
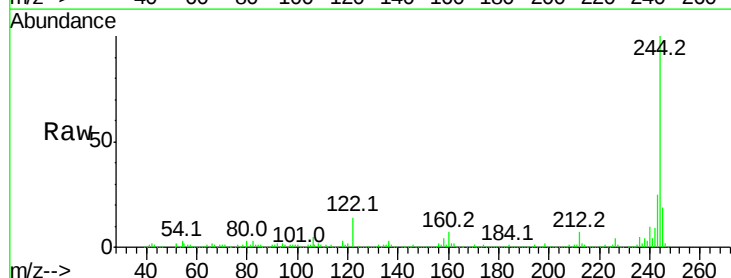
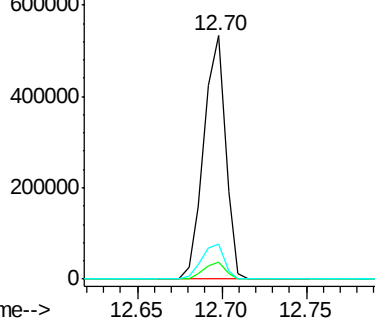
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

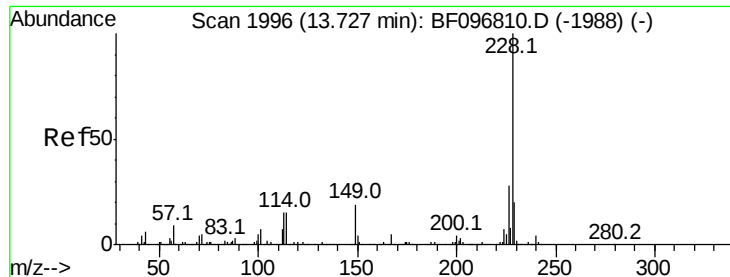


#78
Terphenyl-d14
Concen: 36.693 ng
RT: 12.70 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.3	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





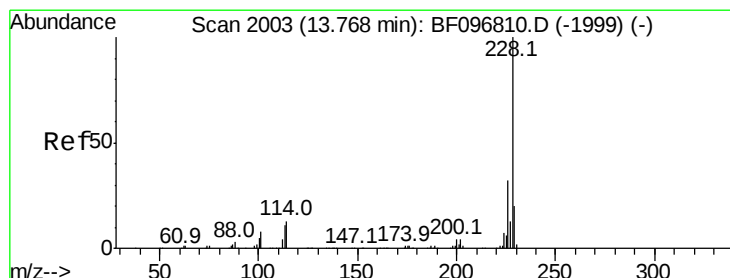
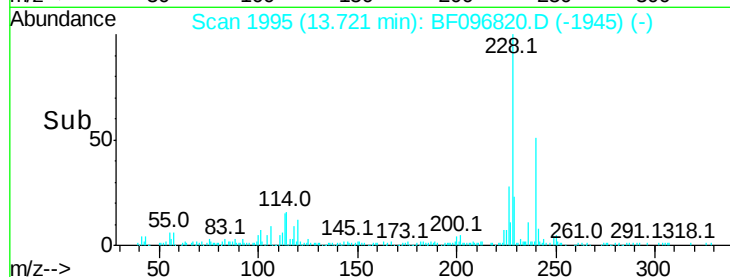
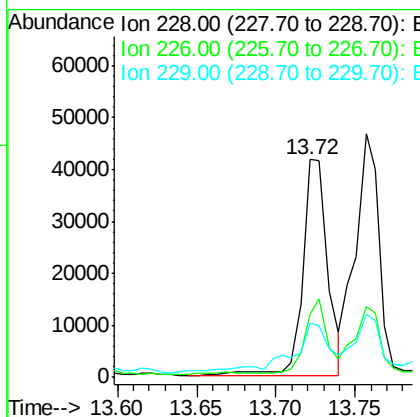
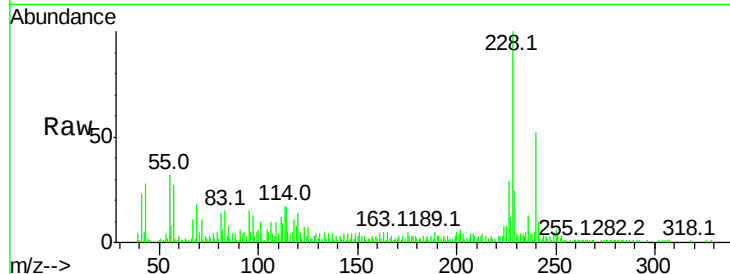
#80
Benzo(a)anthracene
Concen: 3.222 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Instrument :
BNA_F
ClientSampleId :
TR-04-071317

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	24.8	16.3	24.5

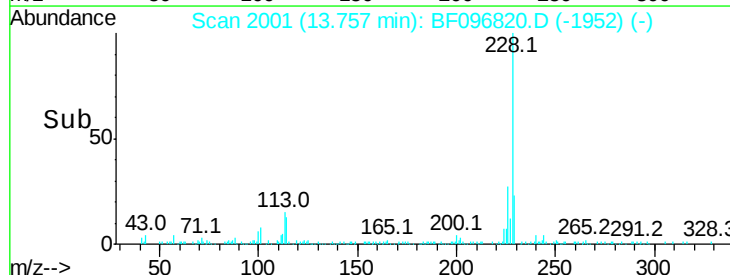
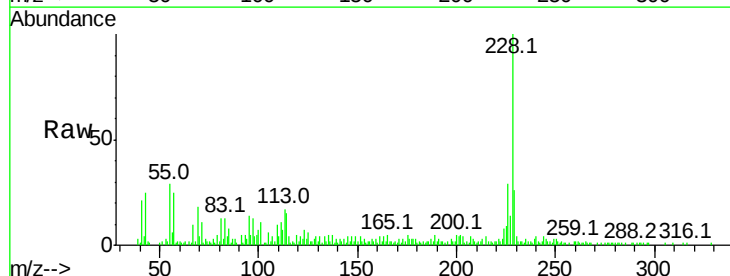
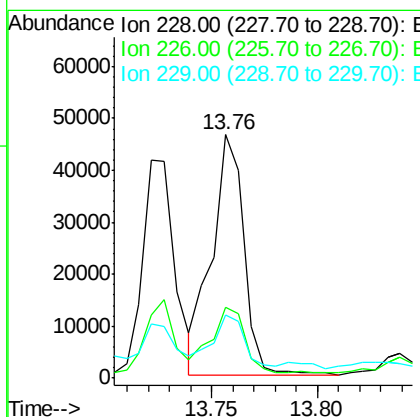
Manual Integrations
APPROVED

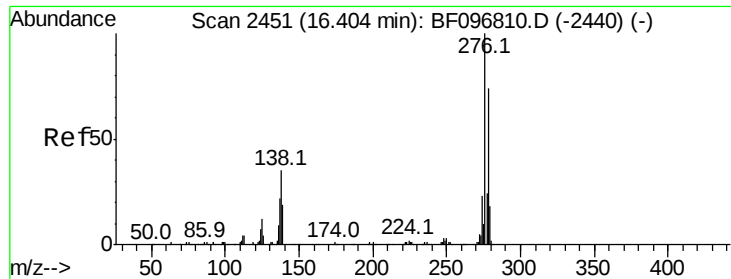
mohammad
7/20/2017 8:36:51 AM



#82
Chrysene
Concen: 3.564 ng
RT: 13.76 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096820.D
Acq: 17 Jul 2017 15:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	25.8	15.8	23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.519 ng

RT: 16.40 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BF096820.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_F

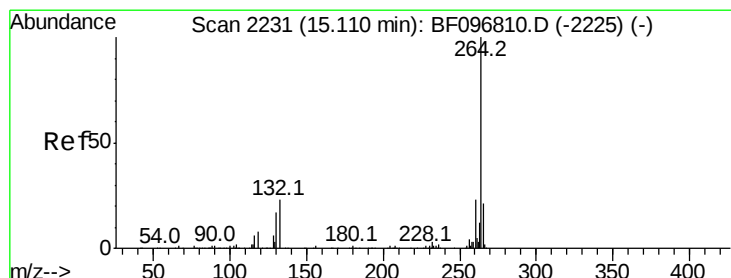
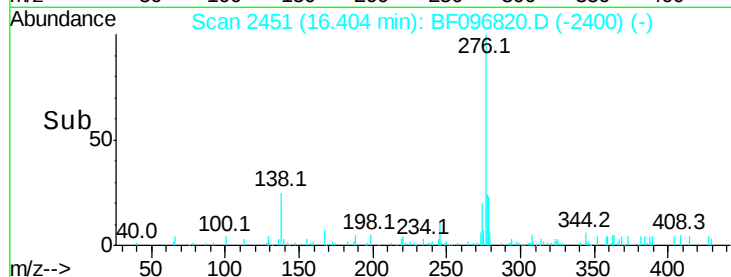
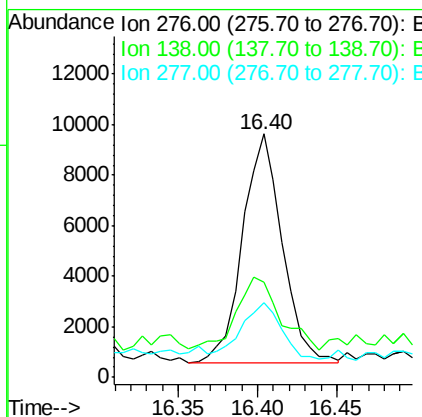
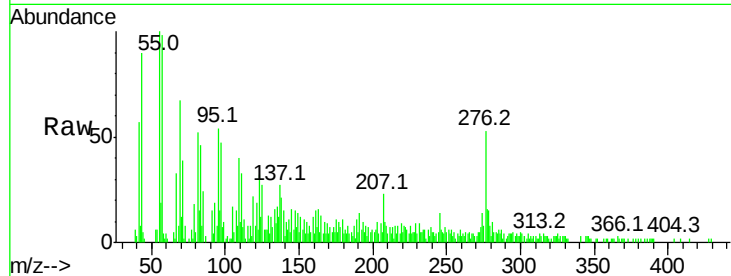
ClientSampleId :

TR-04-071317

Tot Ion:	276	Resp:	15826
Ion Ratio	Lower	Upper	
276	100		
138	35.3	27.8	41.6
277	26.3	20.2	30.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

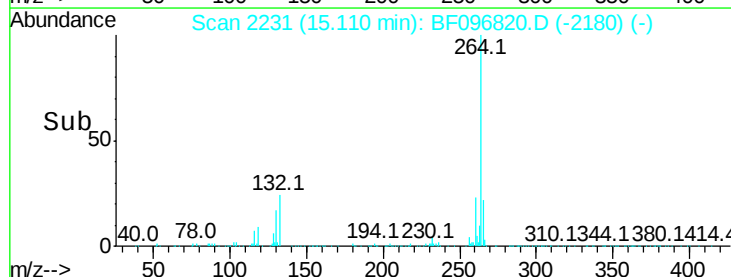
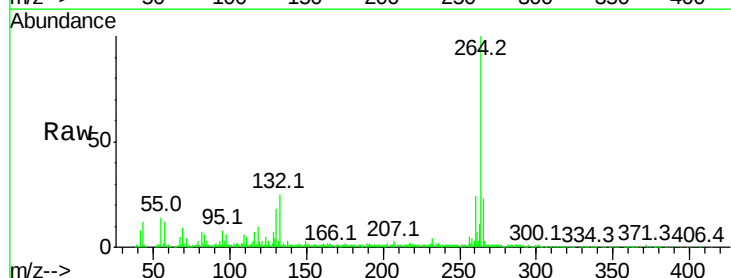
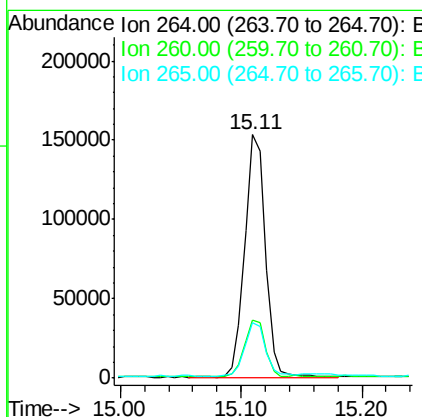
RT: 15.11 min Scan# 2231

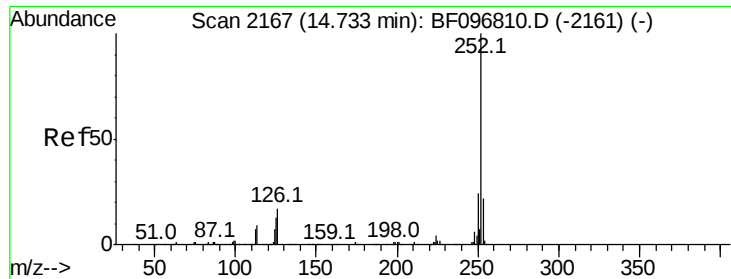
Delta R.T. -0.00 min

Lab File: BF096820.D

Acq: 17 Jul 2017 15:36

Tgt Ion:	264	Resp:	183446
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.5	29.3
265	22.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.206 ng

RT: 14.73 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BF096820.D

Acq: 17 Jul 2017 15:36

Instrument :

BNA_F

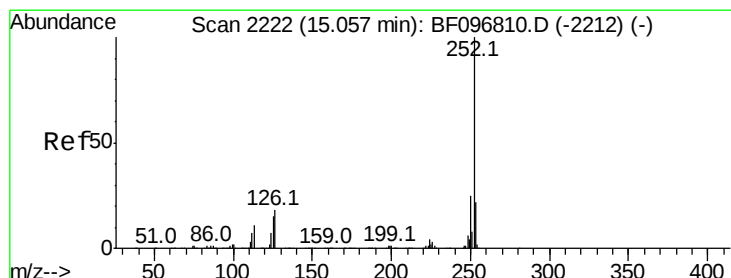
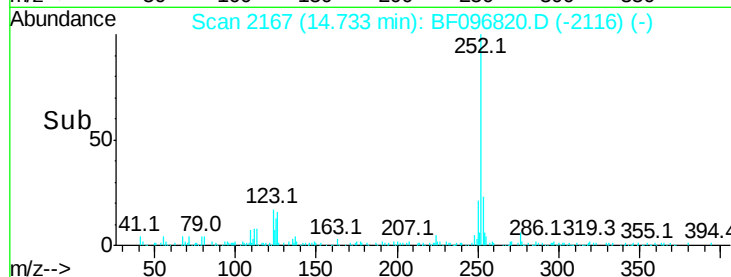
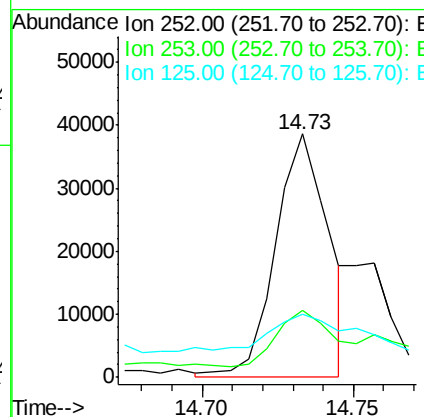
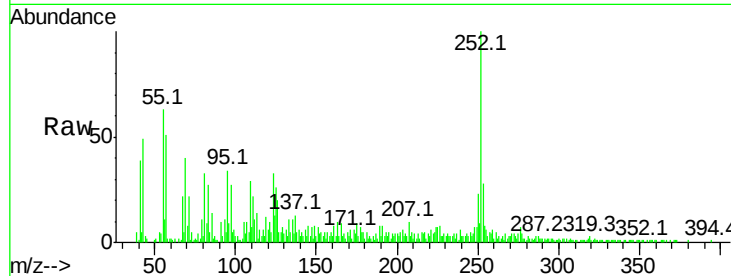
ClientSampleId :

TR-04-071317

Tot Ion:	252	Resp:	46534
Ion Ratio	Lower	Upper	
252	100		
253	27.6	18.1	27.1#
125	25.8	9.8	14.8#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.344 ng

RT: 15.06 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BF096820.D

Acq: 17 Jul 2017 15:36

Tgt Ion:	252	Resp:	33935
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.5	26.3
125	28.0	11.0	16.4#

