

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096090.D
 Acq On : 21 Jun 2017 18:15
 Operator : SJ/MA
 Sample : I3736-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G24-1.5-3

Manual Integrations
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 6/22/2017 5:34:42 PM

Quant Time: Jun 22 01:22:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	74016	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	302039	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	130296	20.00	ng	-0.01
63) Phenanthrene-d10	14.53	188	205530	20.00	ng	0.00
75) Chrysene-d12	18.27	240	158576	20.00	ng	0.00
86) Perylene-d12	19.94	264	131961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	368795	79.40	ng	0.01
7) Phenol-d6	6.87	99	473381	85.13	ng	0.00
23) Nitrobenzene-d5	8.21	82	275381	56.62	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	81393	70.60	ng	-0.01
44) 2-Fluorobiphenyl	11.10	172	502052	53.62	ng	-0.01
78) Terphenyl-d14	16.92	244	306353	47.94	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.80	163	55318	5.59	ng	99
70) Phenanthrene	14.57	178	27071	2.28	ng	95
74) Fluoranthene	16.37	202	39427	3.36	ng	96
77) Pyrene	16.67	202	35416	2.99	ng	# 92
80) Benzo(a)anthracene	18.26	228	19906	2.16	ng	96
82) Chrysene	18.30	228	20897	2.27	ng	# 94
87) Benzo(b)fluoranthene	19.54	252	31213m	3.78	ng	
89) Benzo(a)pyrene	19.90	252	15316	2.02	ng	# 80

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

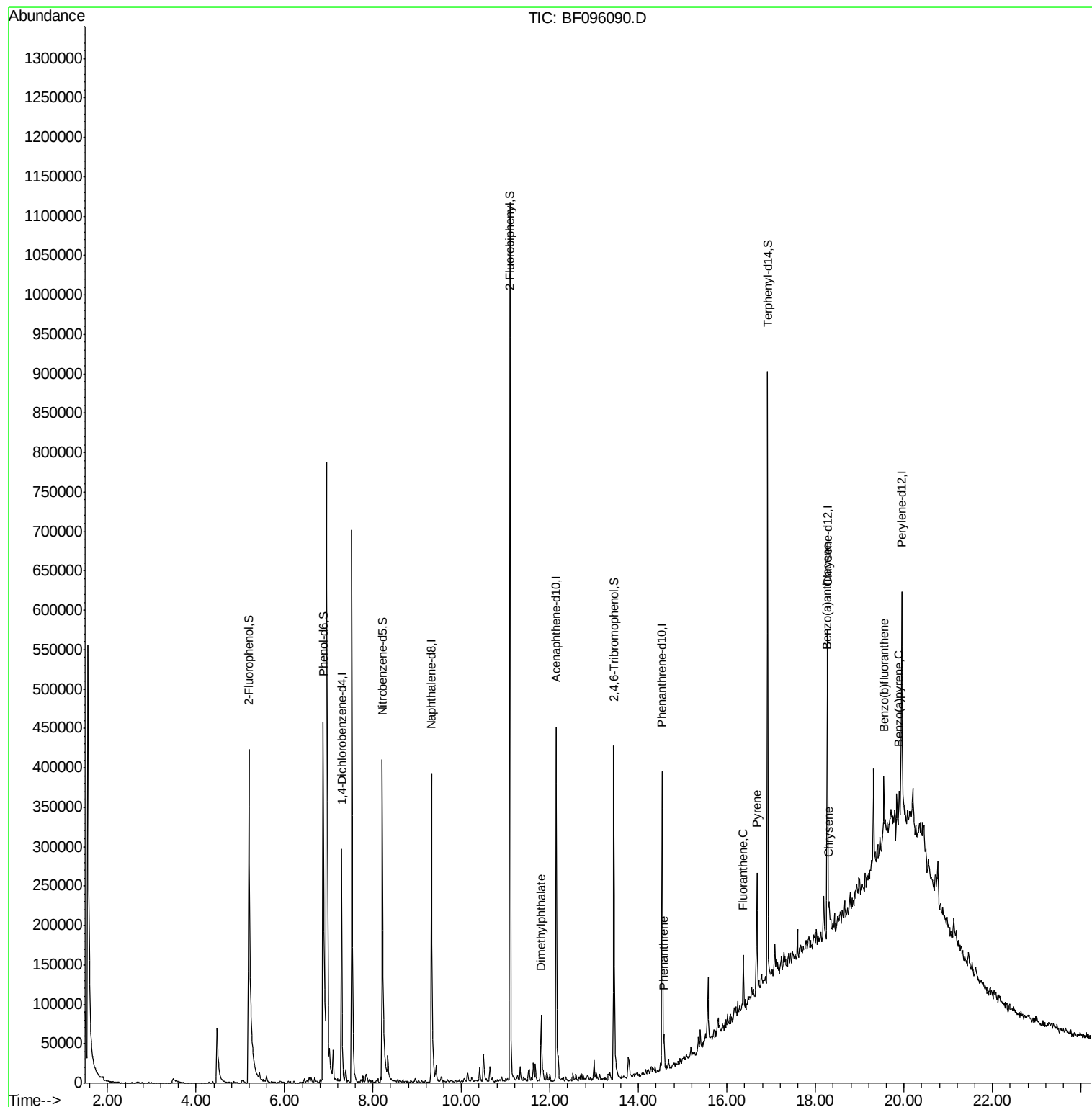
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096090.D
Acq On : 21 Jun 2017 18:15
Operator : SJ/MA
Sample : I3736-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

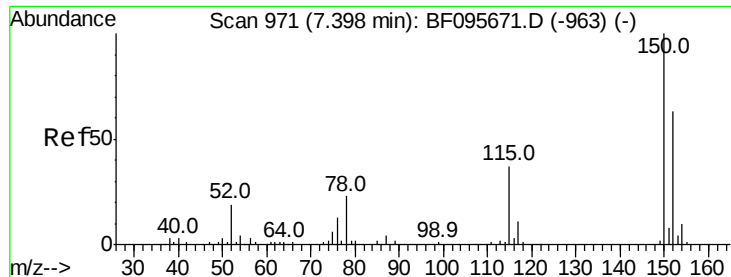
Instrument :
BNA_F
ClientSampleId :
G24-1.5-3

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Quant Time: Jun 22 01:22:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration





#1

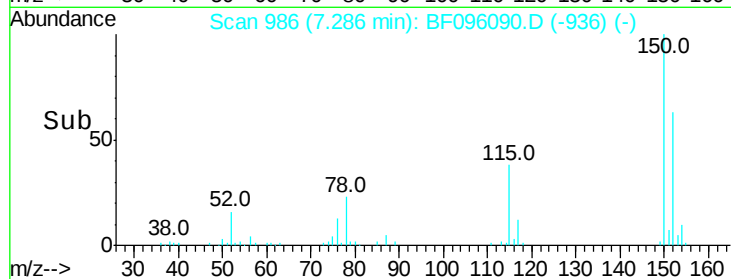
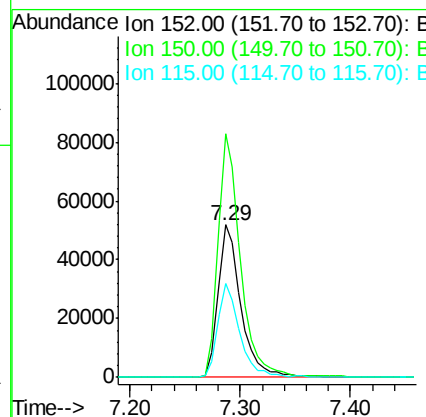
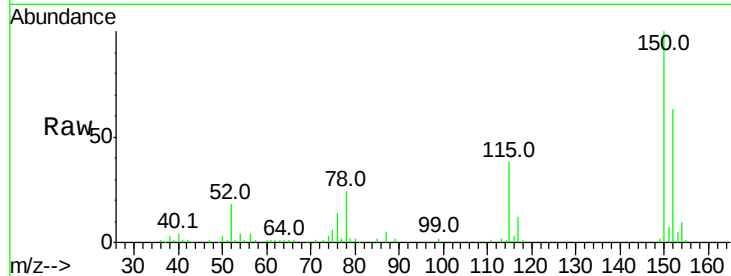
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF096090.D
Acq: 21 Jun 2017 18:15

Instrument :
BNA_F
ClientSampleId :
G24-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.2	189.2
115	61.2	52.2	78.2

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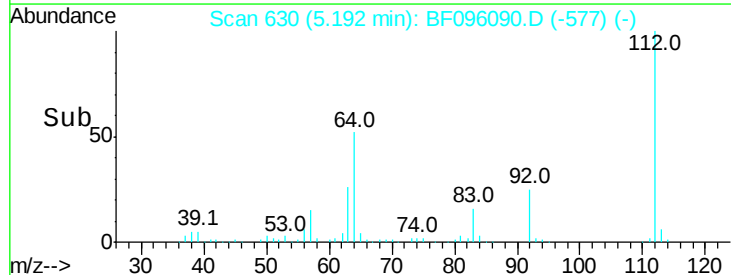
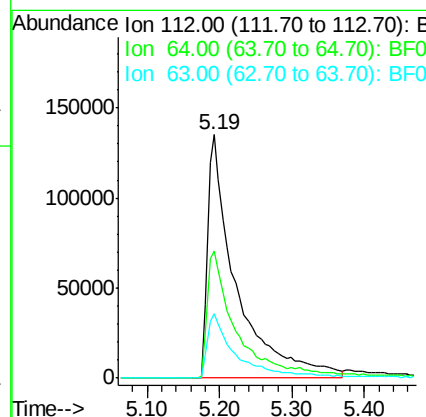
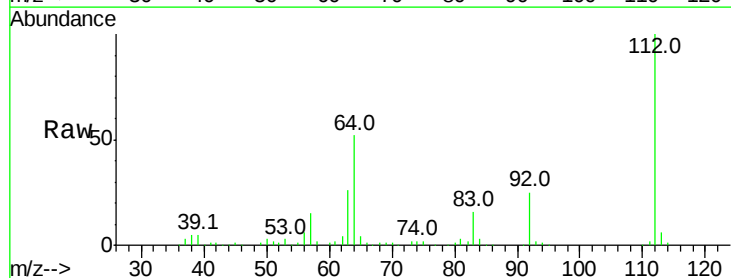
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#5

2-Fluorophenol
Concen: 79.40 ng
RT: 5.19 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF096090.D
Acq: 21 Jun 2017 18:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.0	69.0
63	26.2	23.4	35.0





#7

Phenol-d6

Concen: 85.13 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096090.D

Acq: 21 Jun 2017 18:15

Instrument :

BNA_F

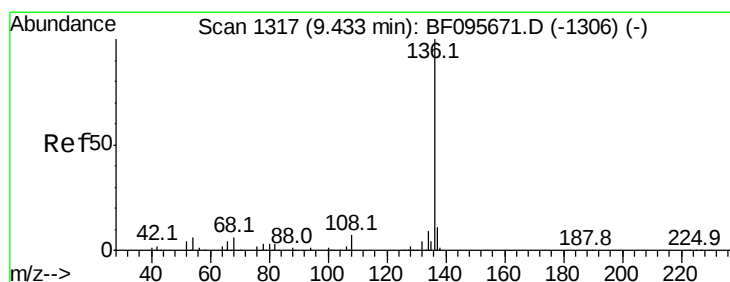
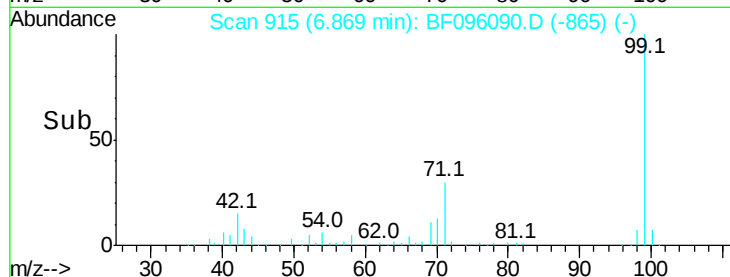
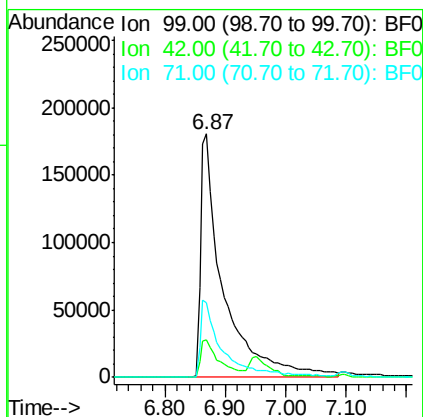
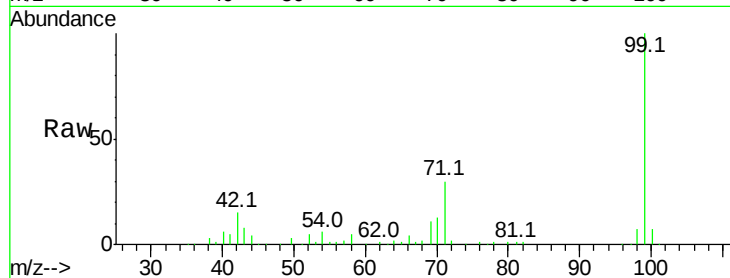
ClientSampleId :

G24-1.5-3

Tot Ion:	99	Resp:	473381
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.5	20.3
71	30.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

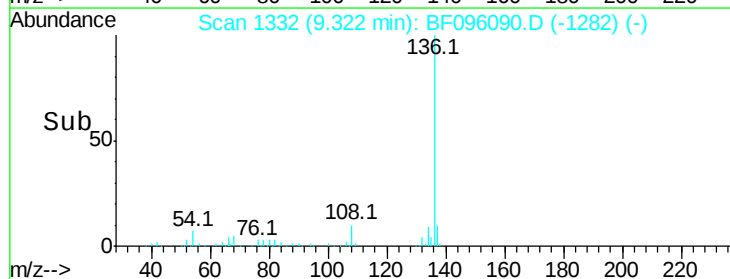
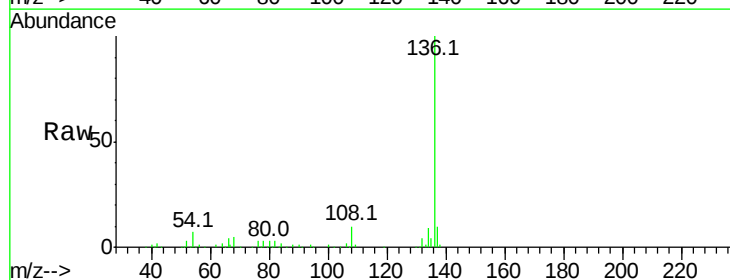
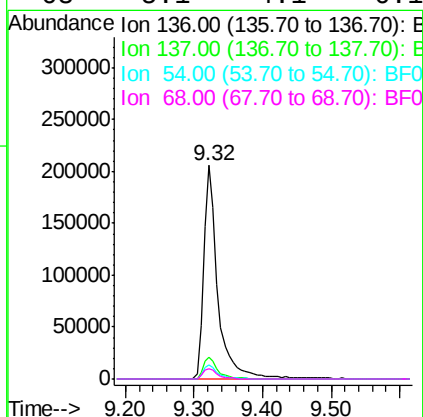
RT: 9.32 min Scan# 1332

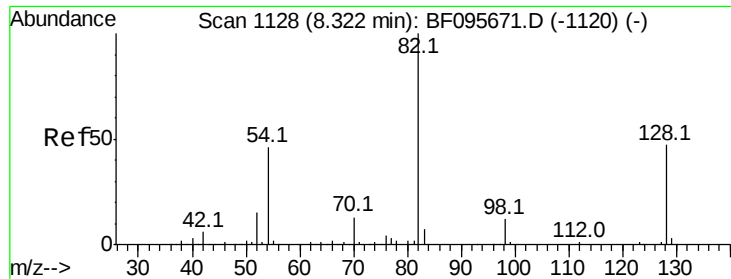
Delta R.T. -0.01 min

Lab File: BF096090.D

Acq: 21 Jun 2017 18:15

Tgt Ion:	136	Resp:	302039
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.5	12.7
54	6.7	4.9	7.3
68	5.1	4.1	6.1





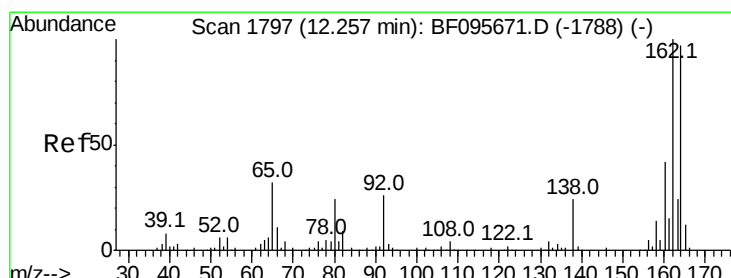
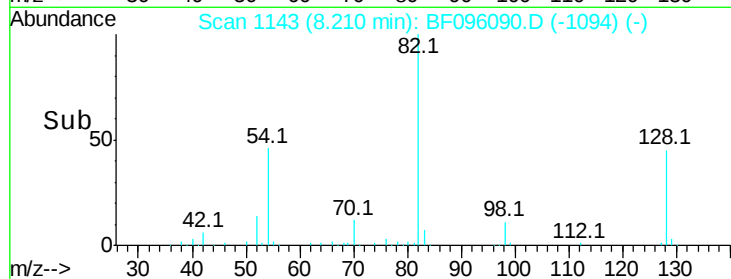
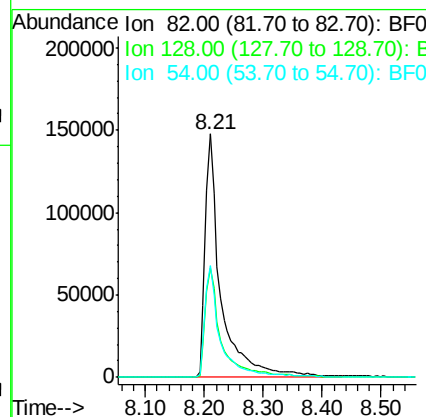
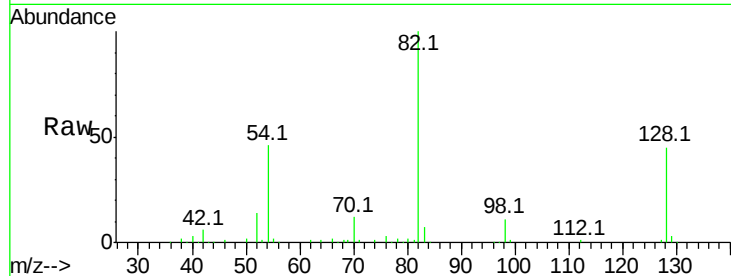
#23
 Nitrobenzene-d5
 Concen: 56.62 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096090.D
 Acq: 21 Jun 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 G24-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	34.0	51.0	
54	46.1	42.2	63.2	

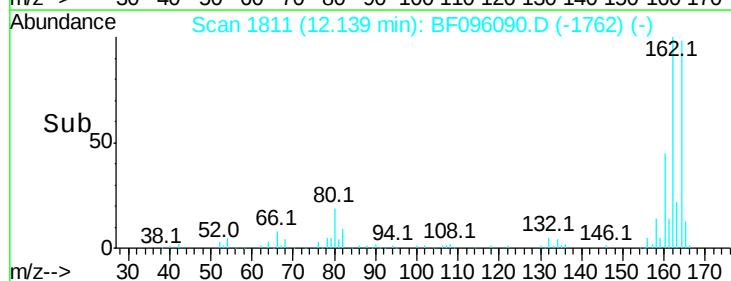
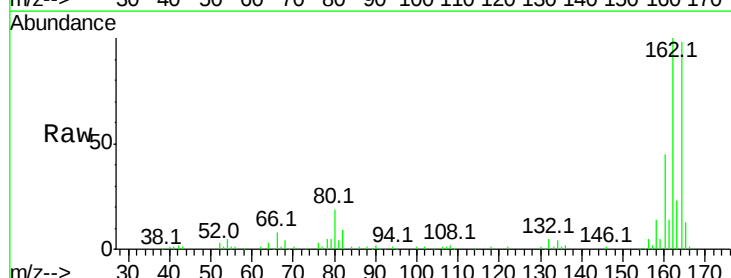
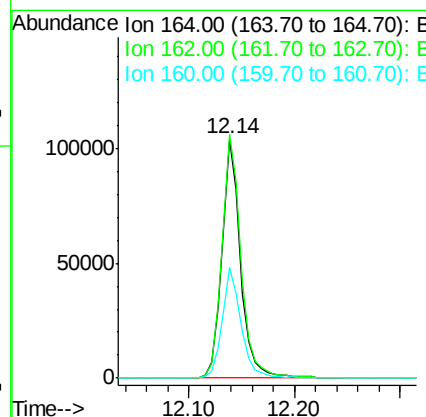
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF096090.D
 Acq: 21 Jun 2017 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.9	82.6	123.8	
160	46.2	36.2	54.2	





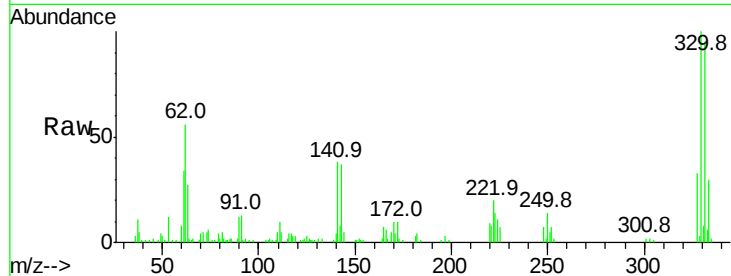
#41
 2,4,6-Tribromophenol
 Concen: 70.60 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096090.D
 Acq: 21 Jun 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 G24-1.5-3

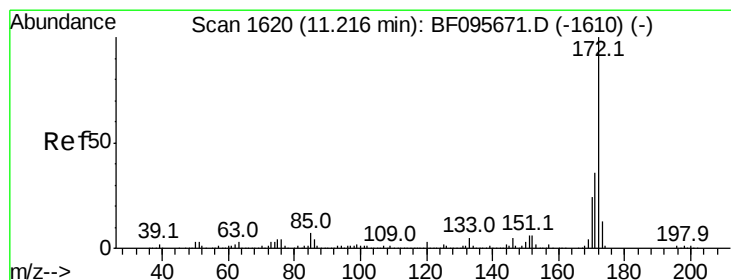
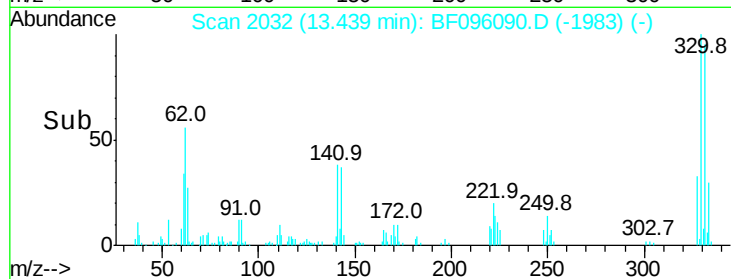
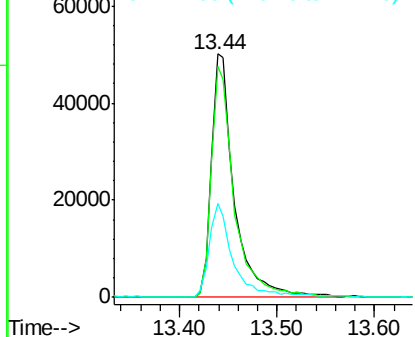
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	115.0
141	40.5	31.4	47.2

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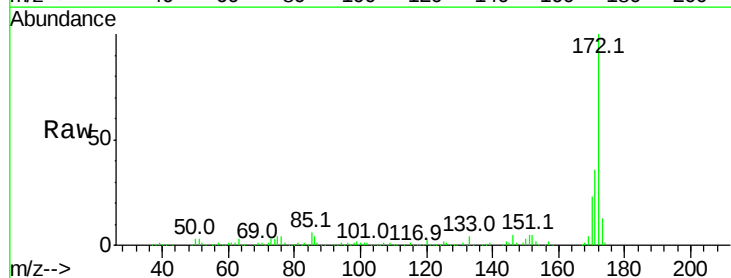


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

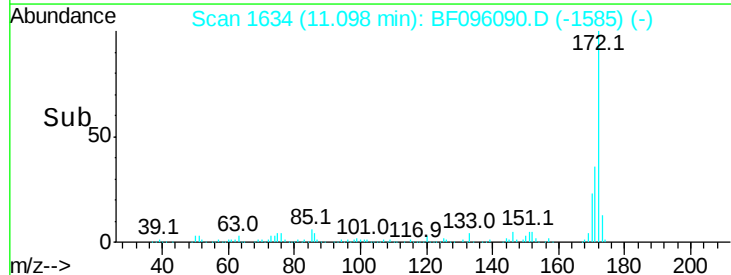
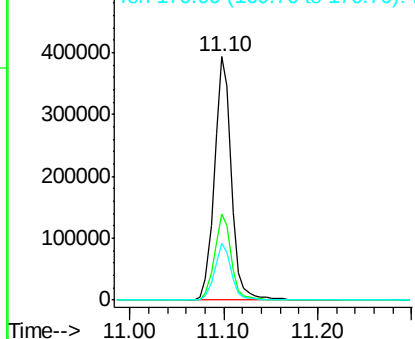


#44
 2-Fluorobiphenyl
 Concen: 53.62 ng
 RT: 11.10 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF096090.D
 Acq: 21 Jun 2017 18:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.4	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





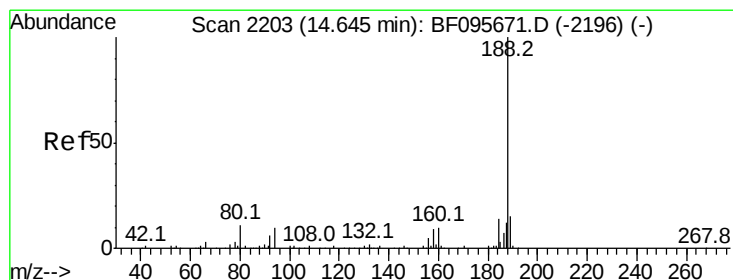
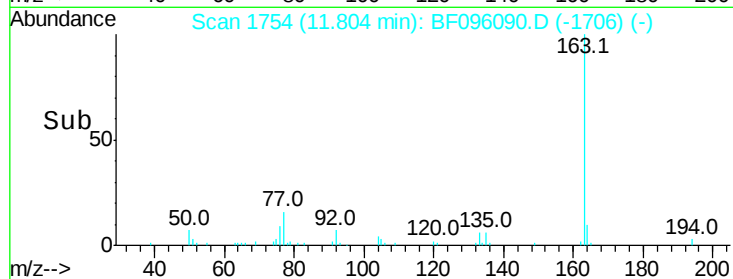
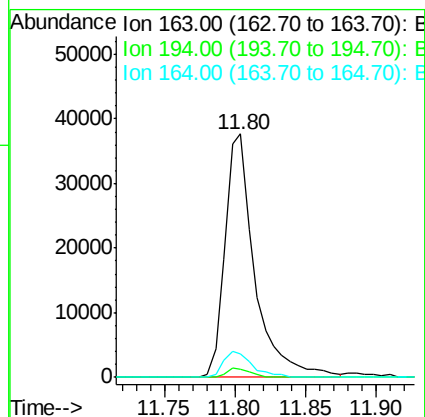
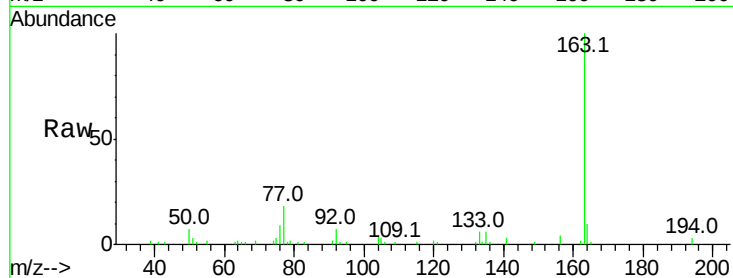
#49
Dimethylphthalate
Concen: 5.59 ng
RT: 11.80 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096090.D
Acq: 21 Jun 2017 18:15

Instrument :
BNA_F
ClientSampleId :
G24-1.5-3

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.8	8.4	12.6

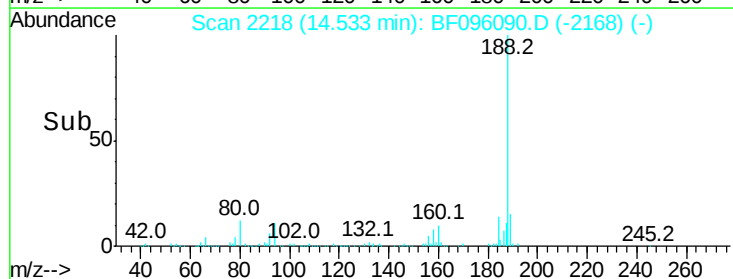
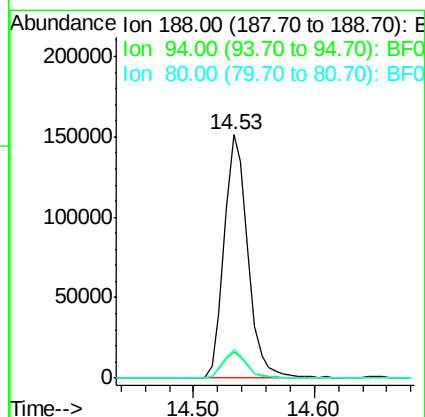
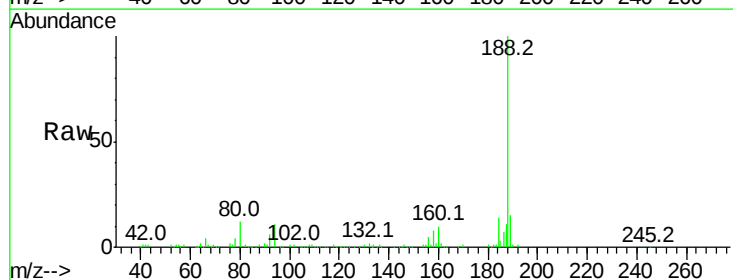
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096090.D
Acq: 21 Jun 2017 18:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.6	10.2	15.2





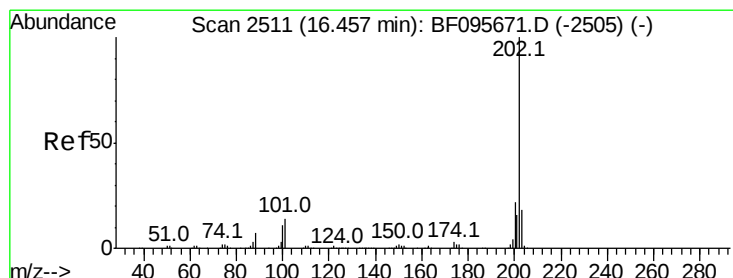
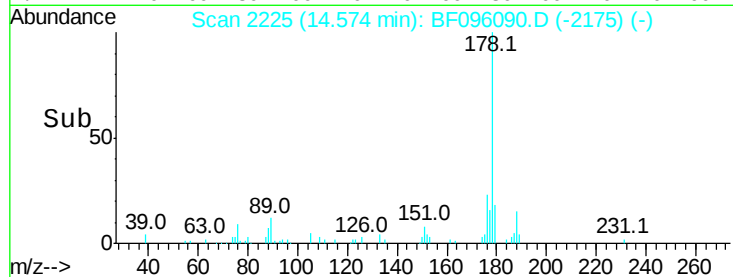
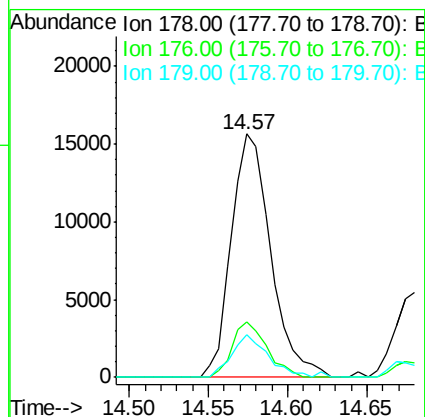
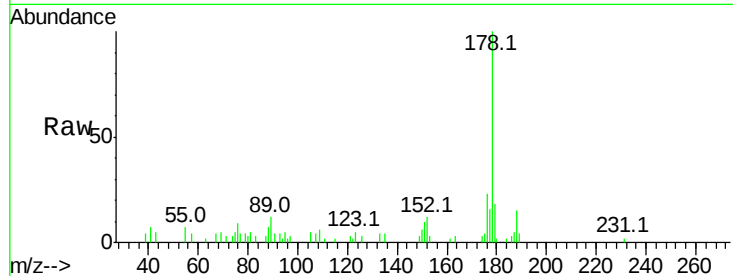
#70
 Phenanthrene
 Concen: 2.28 ng
 RT: 14.57 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BF096090.D
 Acq: 21 Jun 2017 18:15

Instrument :
 BNA_F
 ClientSampleId :
 G24-1.5-3

Tot Ion:	178	Resp:	27071
Ion Ratio	Lower	Upper	
178	100		
176	22.9	16.2	24.4
179	17.8	12.6	19.0

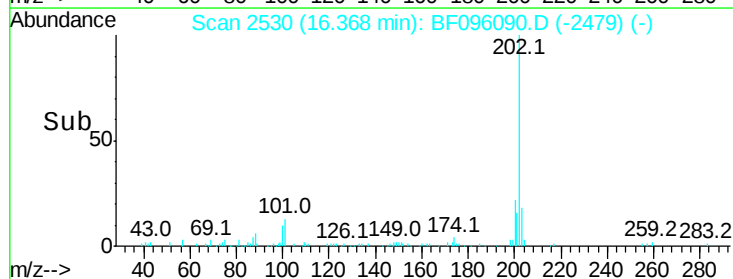
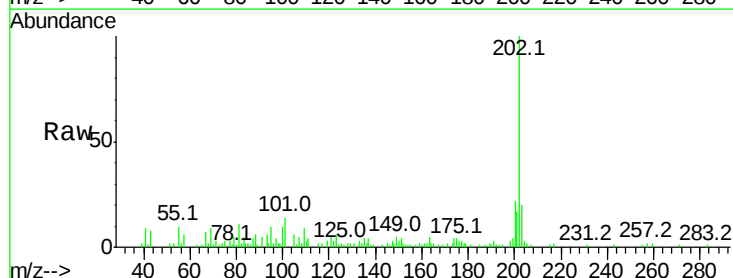
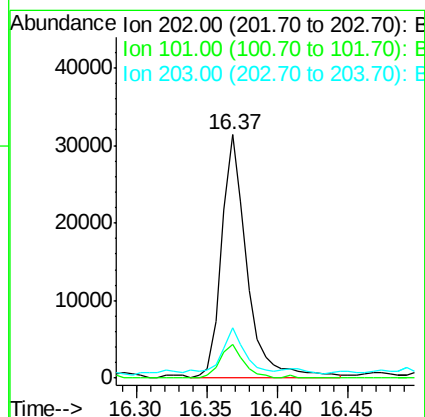
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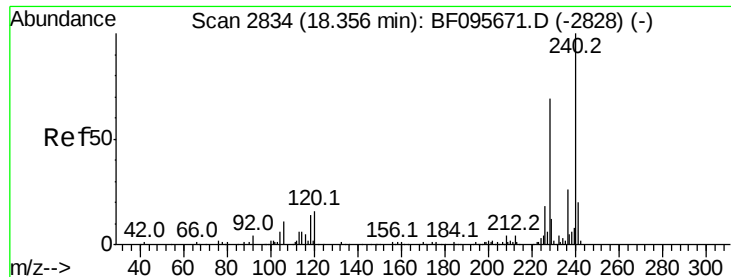
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#74
 Fluoranthene
 Concen: 3.36 ng
 RT: 16.37 min Scan# 2530
 Delta R.T. 0.00 min
 Lab File: BF096090.D
 Acq: 21 Jun 2017 18:15

Tgt Ion:	202	Resp:	39427
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	33.2
203	20.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096090.D

Acq: 21 Jun 2017 18:15

Instrument :

BNA_F

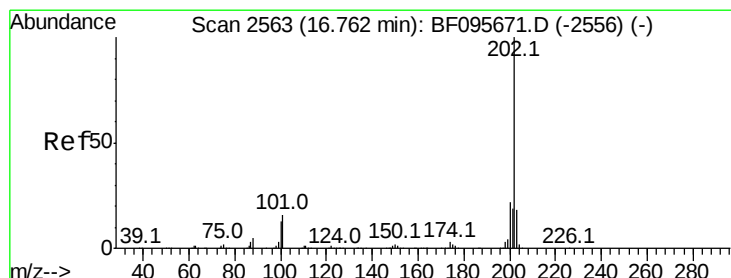
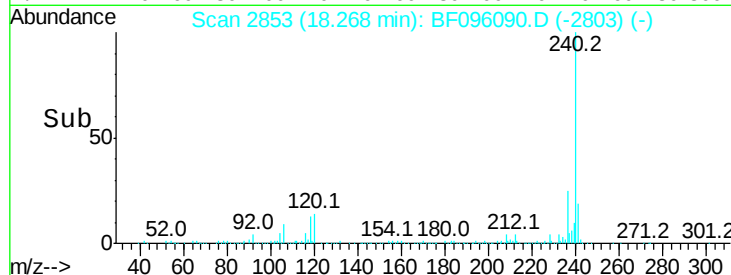
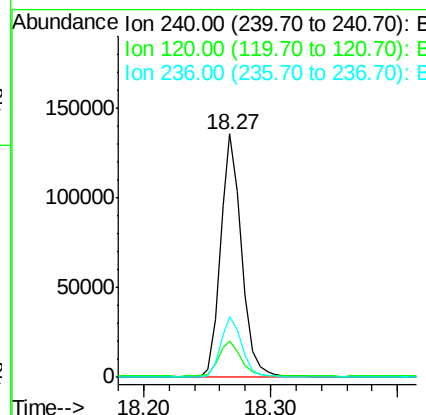
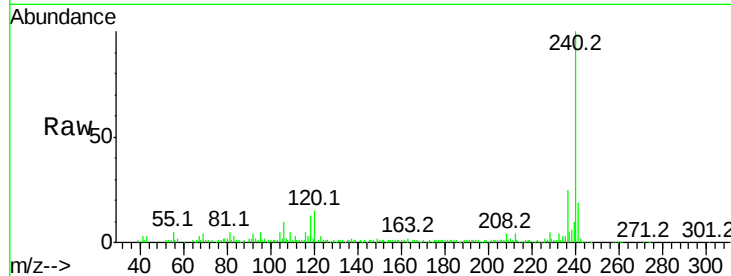
ClientSampleId :

G24-1.5-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	14.9	5.8	8.8#		
236	24.9	20.5	30.7		

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#77

Pyrene

Concen: 2.99 ng

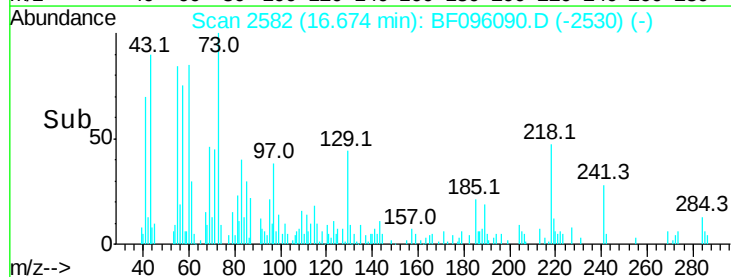
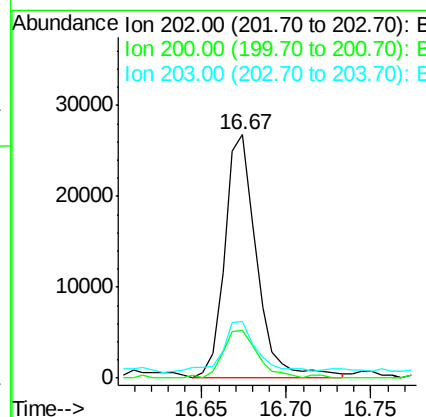
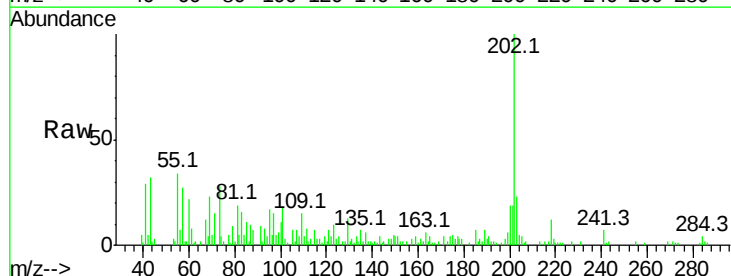
RT: 16.67 min Scan# 2582

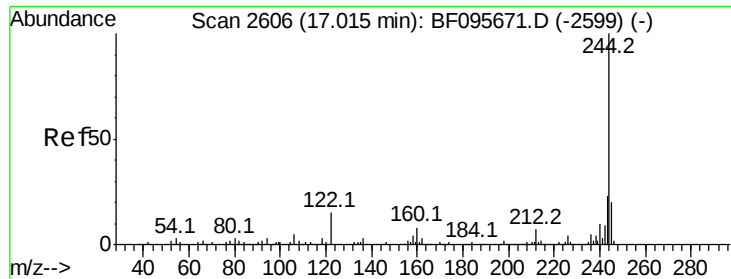
Delta R.T. 0.01 min

Lab File: BF096090.D

Acq: 21 Jun 2017 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	19.4	17.6	26.4		
203	23.3	14.4	21.6#		





#78

Terphenyl-d14

Concen: 47.94 ng

RT: 16.92 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BF096090.D

Acq: 21 Jun 2017 18:15

Instrument :

BNA_F

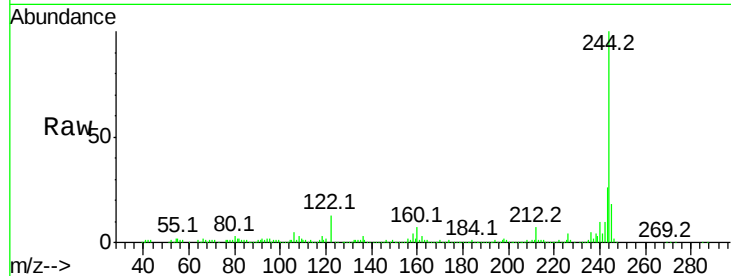
ClientSampleId :

G24-1.5-3

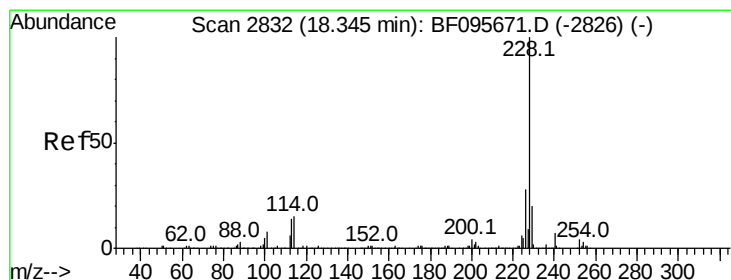
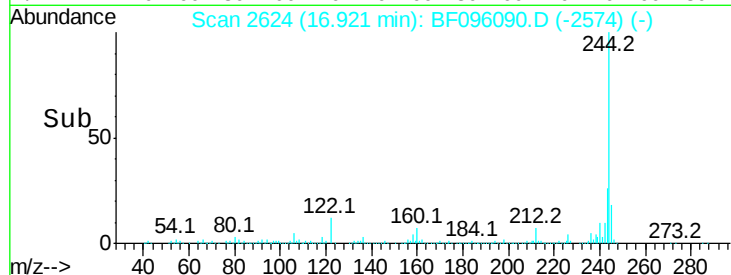
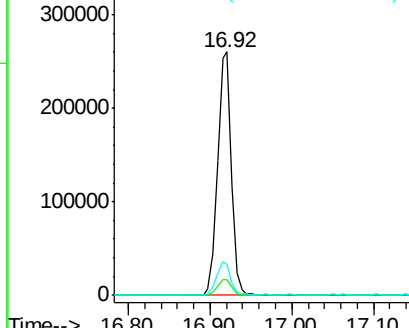
Tot Ion:	244	Resp:	306353
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.0	9.0
122	12.7	10.3	15.5

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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: 2.16 ng

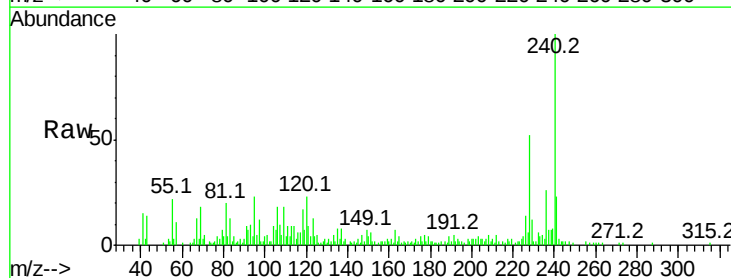
RT: 18.26 min Scan# 2851

Delta R.T. -0.01 min

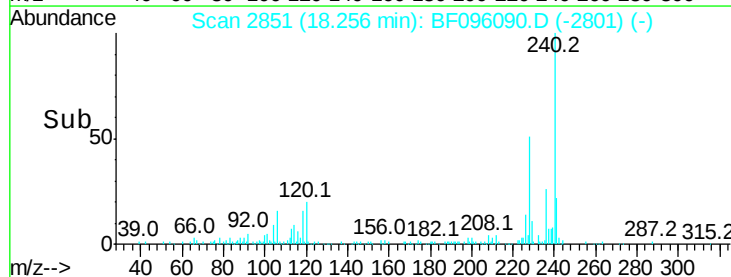
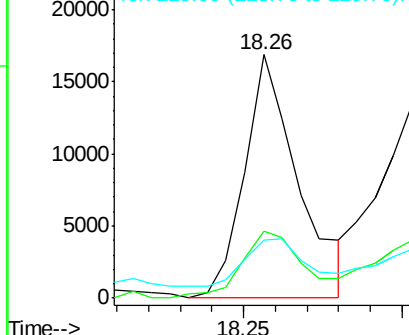
Lab File: BF096090.D

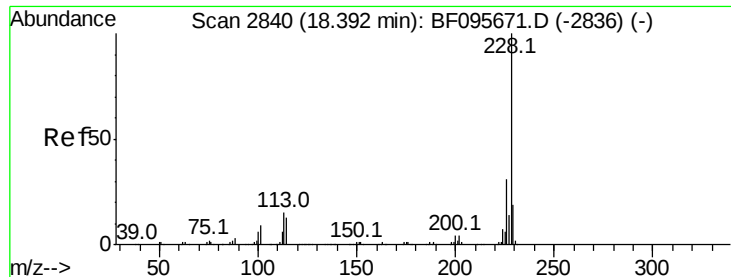
Acq: 21 Jun 2017 18:15

Tgt Ion:	228	Resp:	19906
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	23.8	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 2.27 ng

RT: 18.30 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BF096090.D

Acq: 21 Jun 2017 18:15

Instrument :

BNA_F

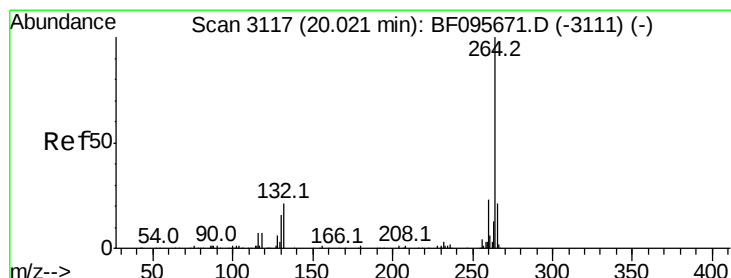
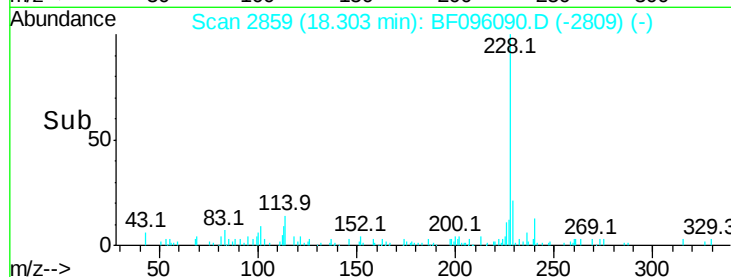
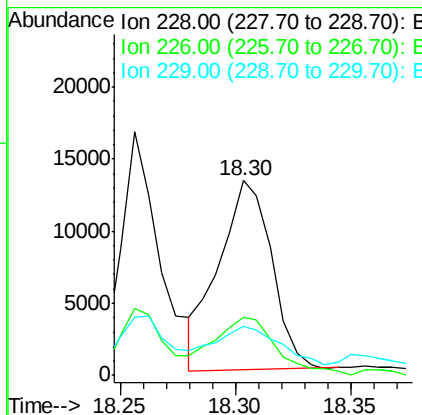
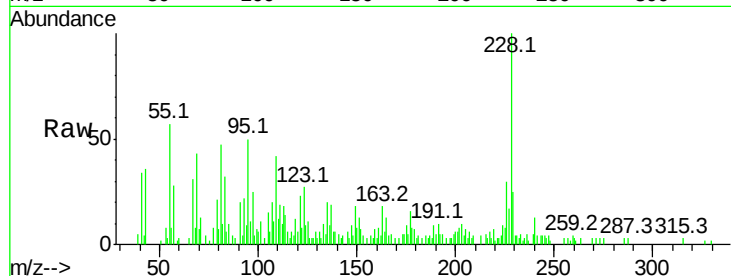
ClientSampleId :

G24-1.5-3

Tot Ion:	228	Resp:	20897
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.9	37.3
229	24.9	15.8	23.6

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#86

Perylene-d12

Concen: 20.00 ng

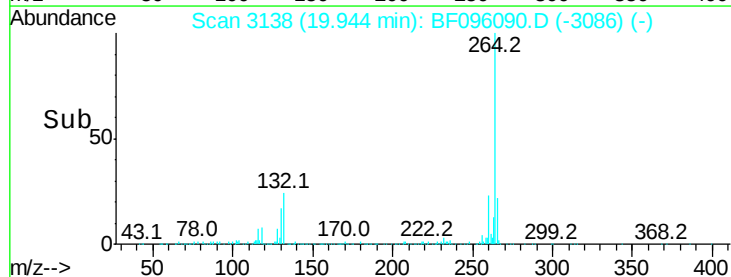
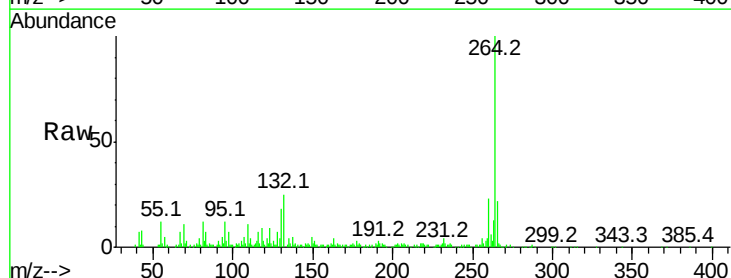
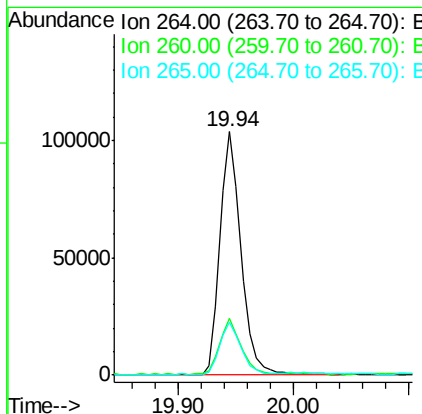
RT: 19.94 min Scan# 3138

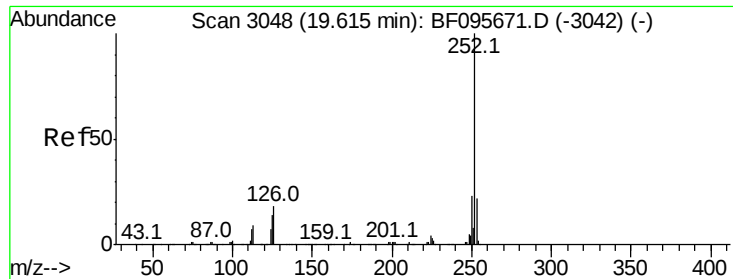
Delta R.T. 0.01 min

Lab File: BF096090.D

Acq: 21 Jun 2017 18:15

Tgt Ion:	264	Resp:	131961
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.5	29.3
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.78 ng/mL

RT: 19.54 min Scan# 3070

Delta R.T. 0.01 min

Lab File: BF096090.D

Acq: 21 Jun 2017 18:15

Instrument :

BNA_F

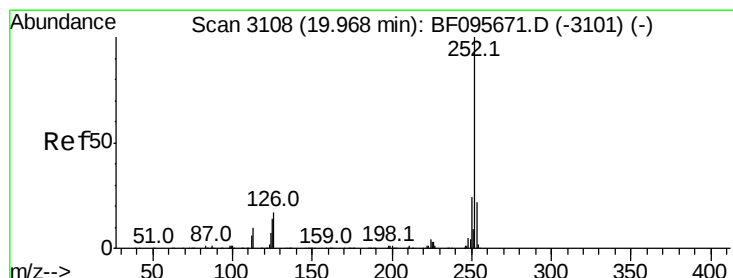
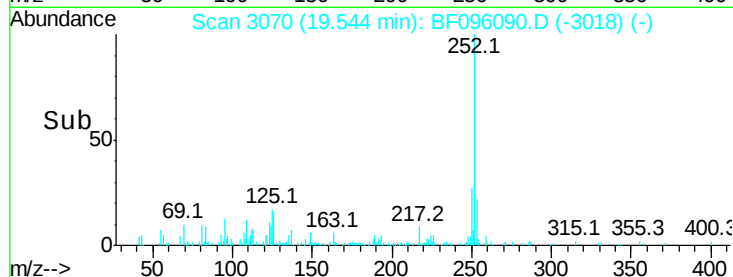
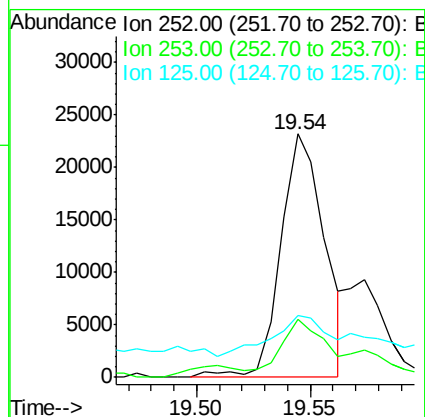
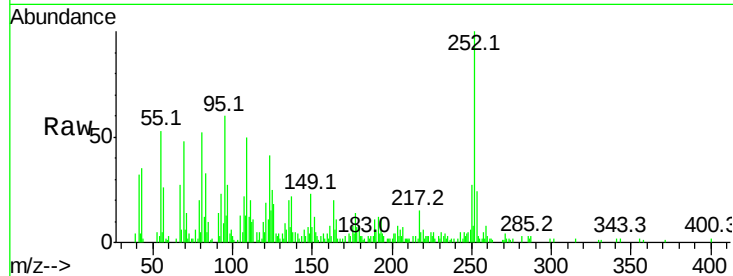
ClientSampleId :

G24-1.5-3

Tot Ion:	252	Resp:	31213
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.1	27.1
125	25.3	9.8	14.8

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.02 ng/mL

RT: 19.90 min Scan# 3130

Delta R.T. 0.01 min

Lab File: BF096090.D

Acq: 21 Jun 2017 18:15

Tgt Ion:	252	Resp:	15316
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.5	26.3
125	29.4	11.0	16.4

