

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099121.D
 Acq On : 5 Oct 2017 23:34
 Operator : SJ/JU
 Sample : I5585-07 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G68-1.5-3

Manual Integrations
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Sohil
 10/6/2017 5:35:03 PM

Quant Time: Oct 06 03:55:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125844	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	527393	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	234021	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	377826	20.00	ng	0.00
75) Chrysene-d12	14.02	240	216422	20.00	ng	-0.01
86) Perylene-d12	15.50	264	222365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	188852	23.89	ng	0.00
7) Phenol-d6	6.48	99	231005	23.69	ng	-0.02
23) Nitrobenzene-d5	7.42	82	132521	16.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	36901	19.27	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	260023	18.55	ng	-0.01
78) Terphenyl-d14	12.96	244	168840	17.74	ng	-0.01
Target Compounds						Qvalue
74) Fluoranthene	12.60	202	102387	5.000	ng	97
77) Pyrene	12.83	202	77666	4.706	ng	99
80) Benzo(a)anthracene	14.01	228	44117	3.366	ng	97
82) Chrysene	14.05	228	39748	3.186	ng	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	24840	2.489	ng	98
87) Benzo(b)fluoranthene	15.06	252	57393m	4.198	ng	
89) Benzo(a)pyrene	15.43	252	37965	3.025	ng	# 93
91) Benzo(g,h,i)perylene	17.42	276	20254	2.040	ng	92

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

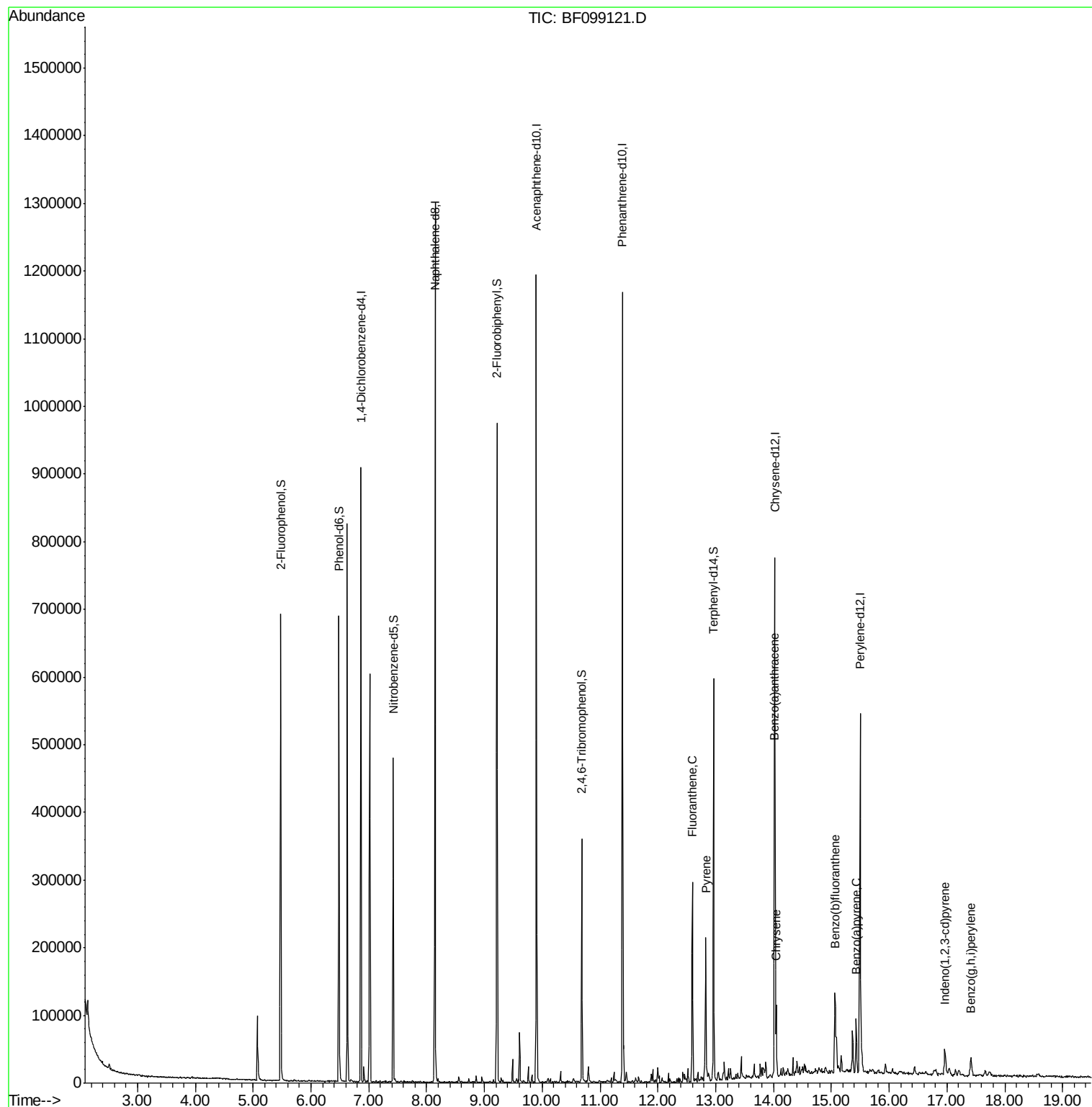
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
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Operator : SJ/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

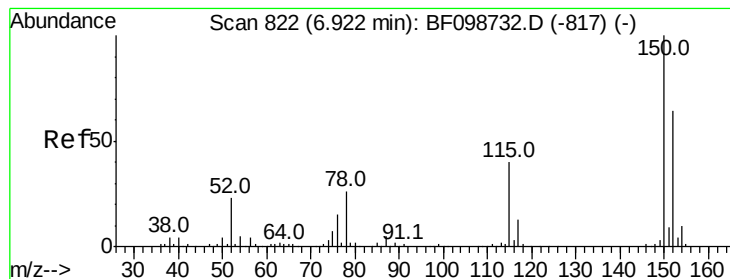
Instrument :
BNA_F
ClientSampleId :
G68-1.5-3

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#1

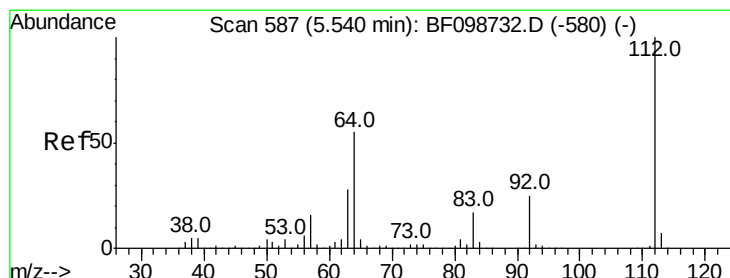
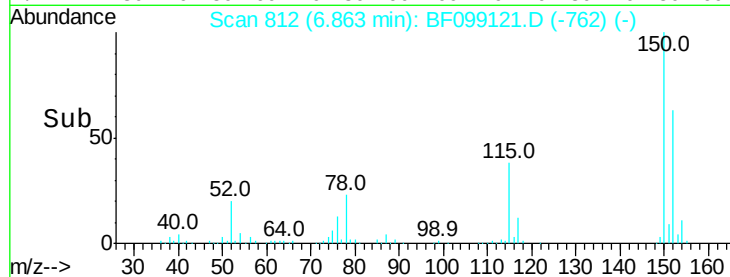
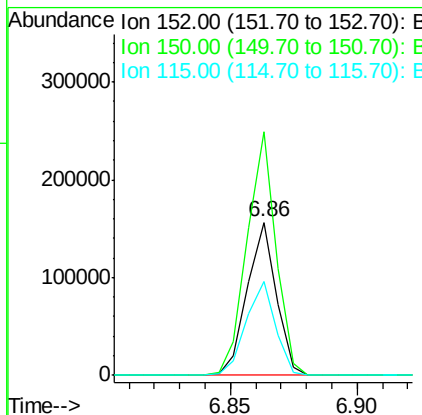
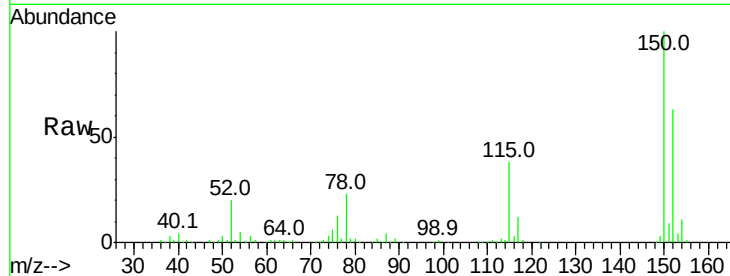
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099121.D
Acq: 5 Oct 2017 23:34

Instrument :
BNA_F
ClientSampleId :
G68-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	61.3	50.1	75.1

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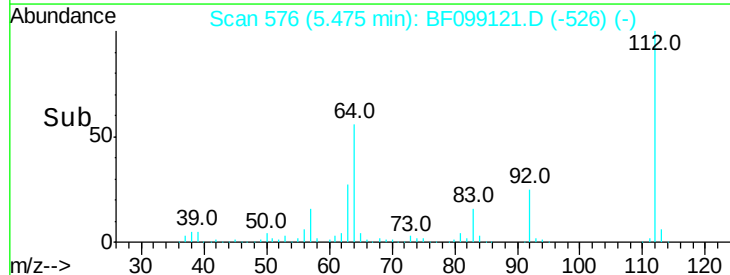
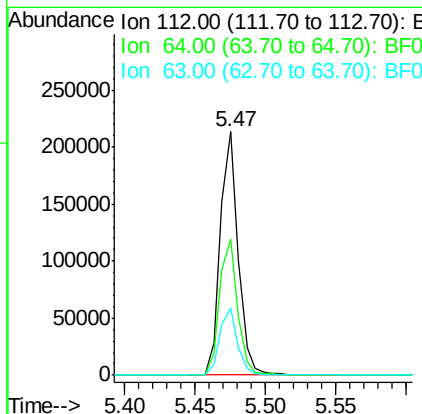
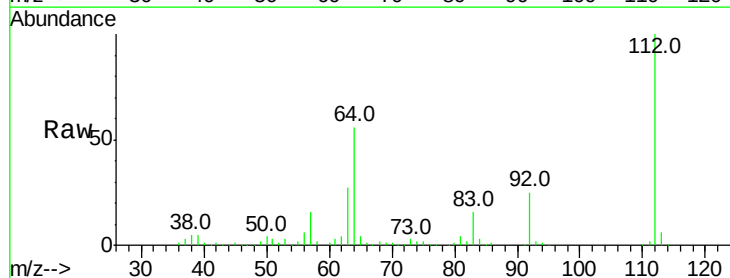
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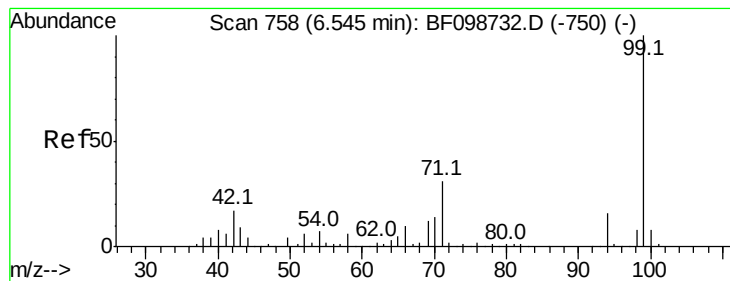


#5

2-Fluorophenol
Concen: 23.889 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099121.D
Acq: 5 Oct 2017 23:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	27.3	23.7	35.5





#7

Phenol-d6

Concen: 23.688 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF099121.D

Acq: 5 Oct 2017 23:34

Instrument :

BNA_F

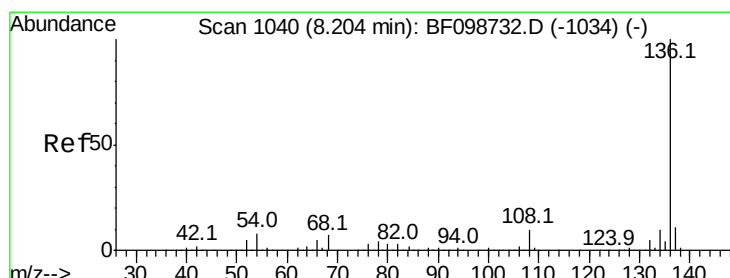
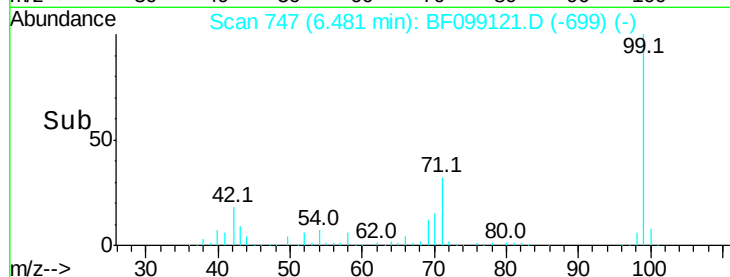
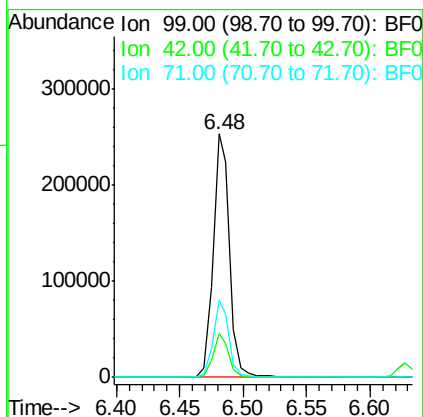
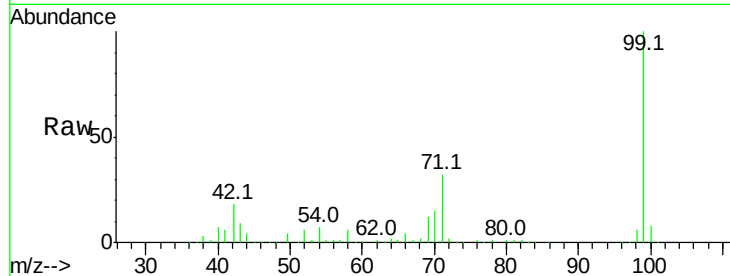
ClientSampleId :

G68-1.5-3

Tot Ion:	99	Resp:	231005
Ion Ratio	Lower	Upper	
99	100		
42	17.8	14.5	21.7
71	31.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

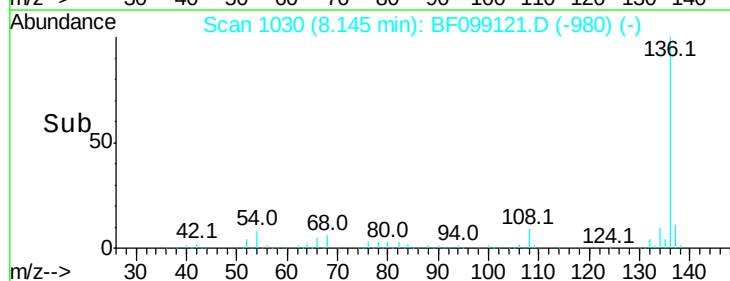
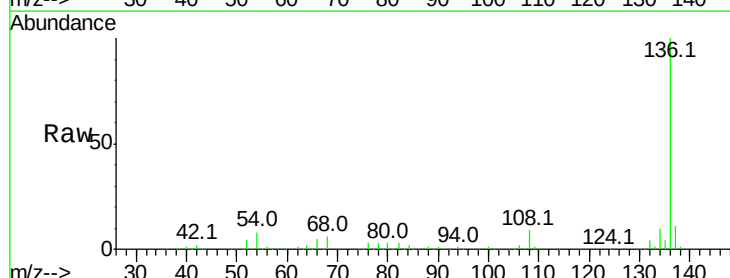
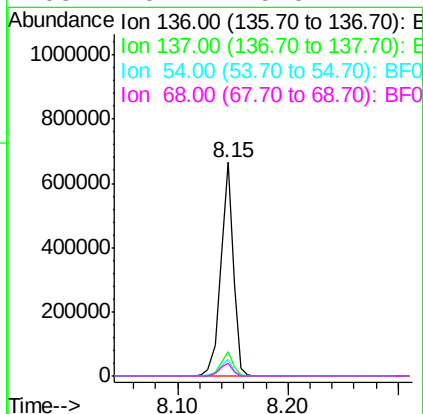
RT: 8.15 min Scan# 1030

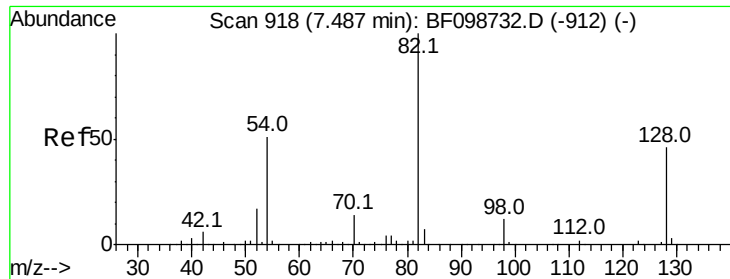
Delta R.T. -0.01 min

Lab File: BF099121.D

Acq: 5 Oct 2017 23:34

Tgt Ion:	136	Resp:	527393
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.5	6.6	9.8
68	6.2	5.0	7.4





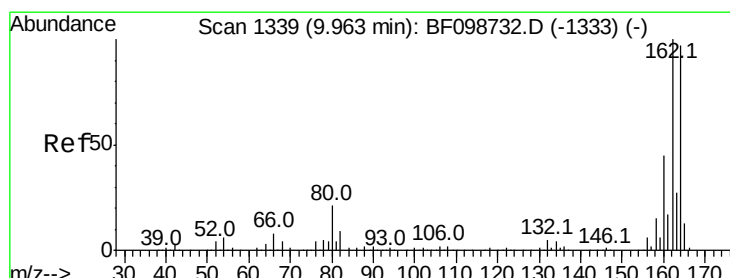
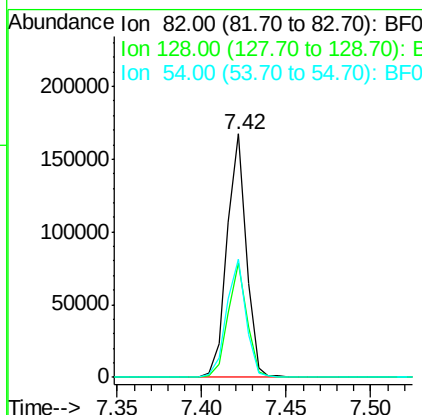
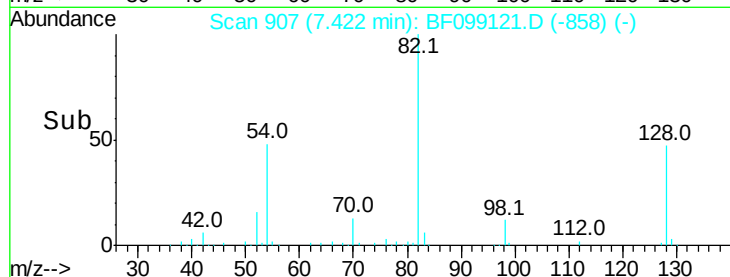
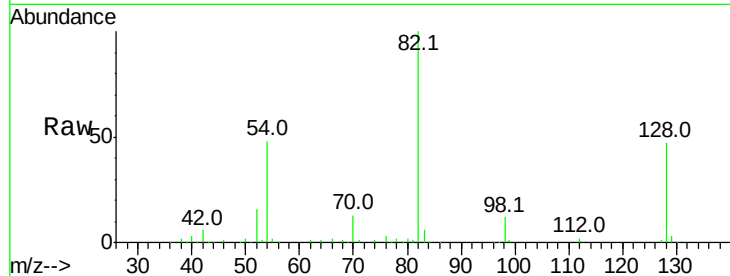
#23
 Nitrobenzene-d5
 Concen: 16.114 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099121.D
 Acq: 5 Oct 2017 23:34

Instrument :
 BNA_F
 ClientSampled :
 G68-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	36.1	54.1	
54	48.5	41.4	62.2	

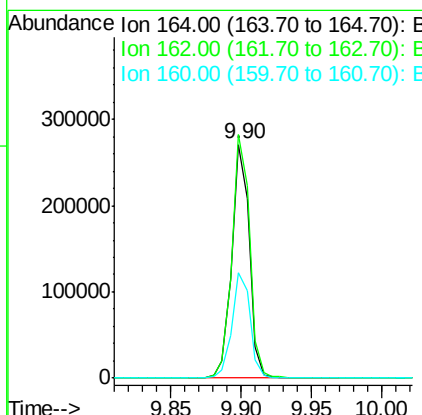
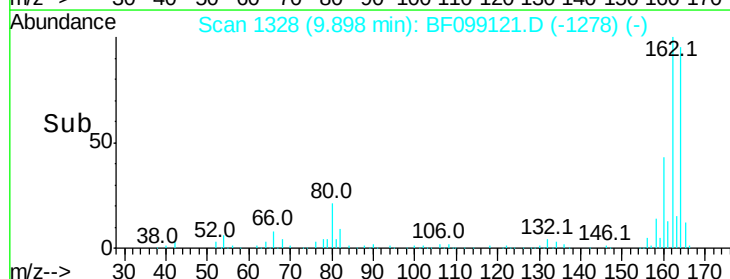
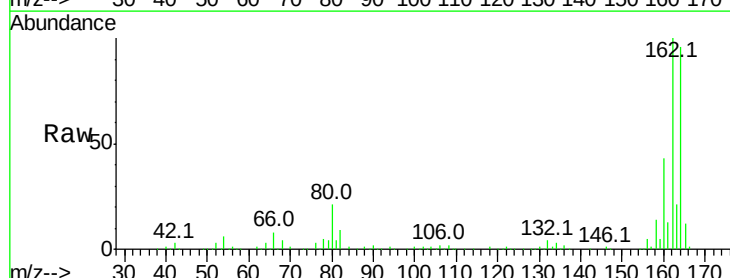
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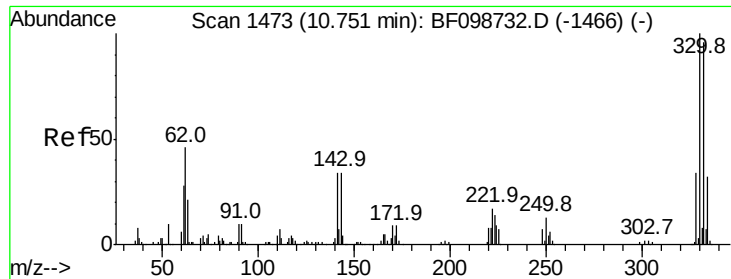
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099121.D
 Acq: 5 Oct 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.1	86.1	129.1	
160	44.9	38.3	57.5	





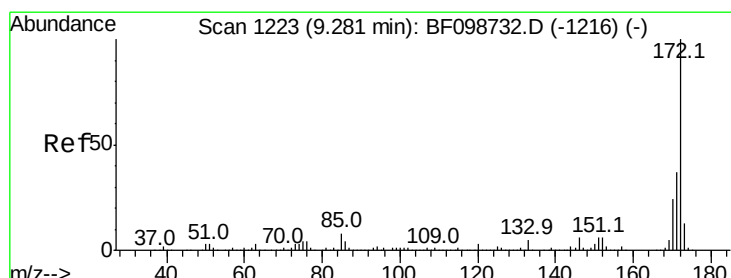
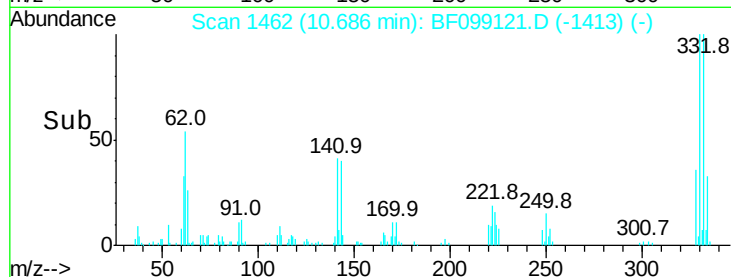
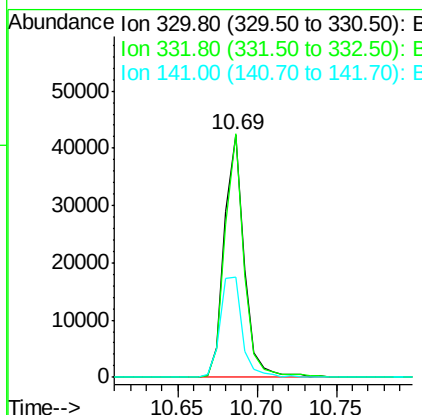
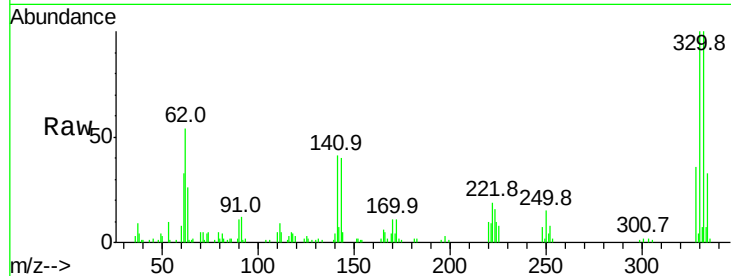
#41
 2,4,6-Tribromophenol
 Concen: 19.270 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099121.D
 Acq: 5 Oct 2017 23:34

Instrument :
 BNA_F
 ClientSampled :
 G68-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	45.6	29.9	44.9	

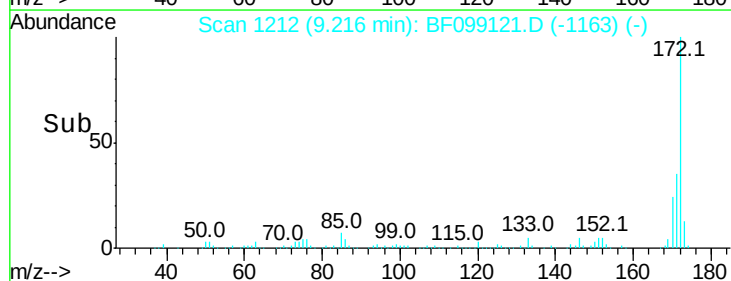
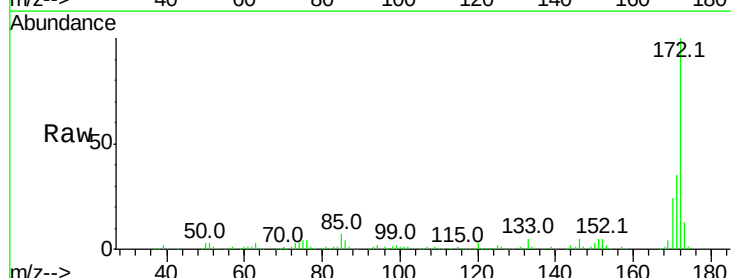
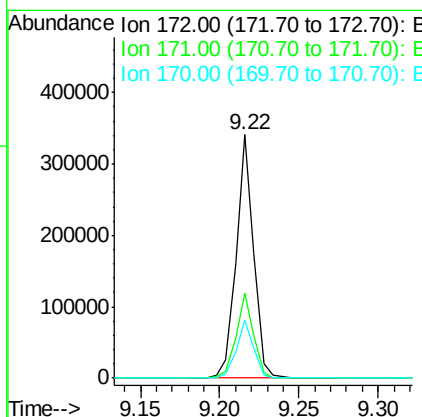
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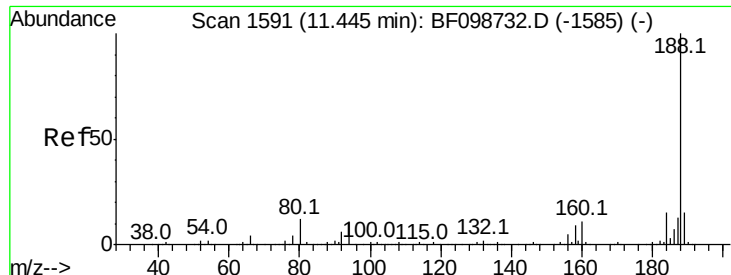
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#44
 2-Fluorobiphenyl
 Concen: 18.549 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099121.D
 Acq: 5 Oct 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.9	29.7	44.5	
170	24.0	19.6	29.4	





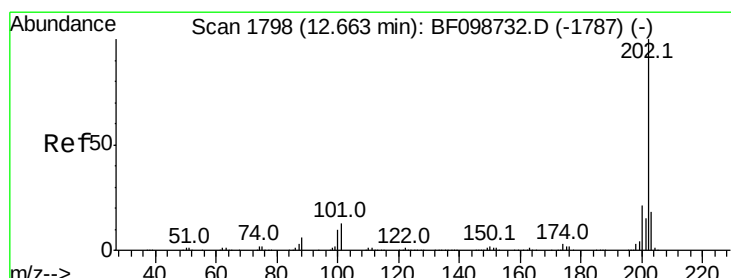
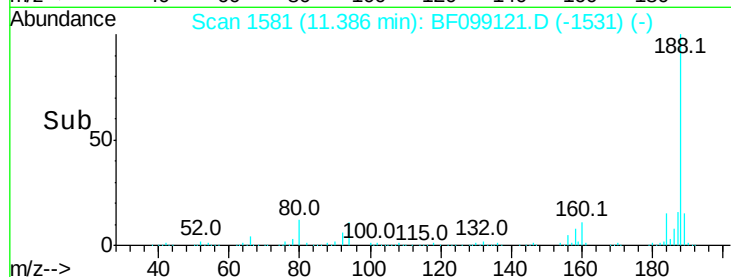
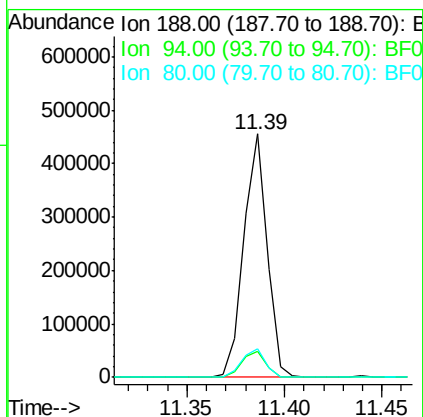
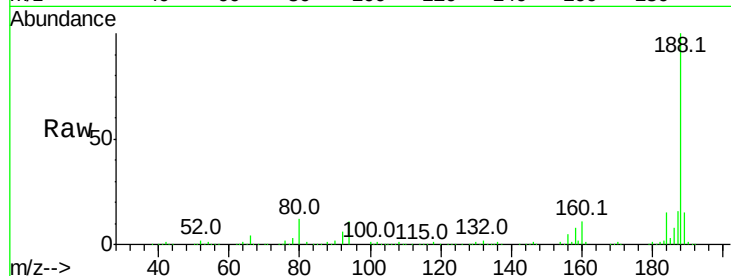
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099121.D
 Acq: 5 Oct 2017 23:34

Instrument :
 BNA_F
 ClientSampleId :
 G68-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.9	9.2	13.8

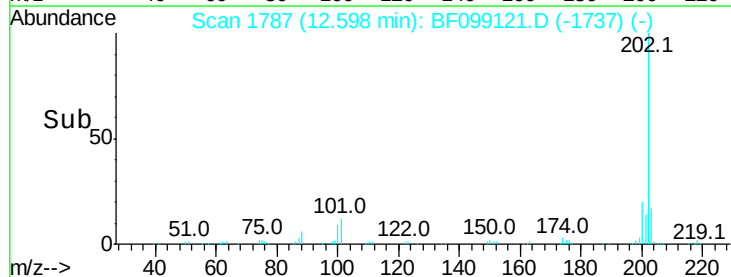
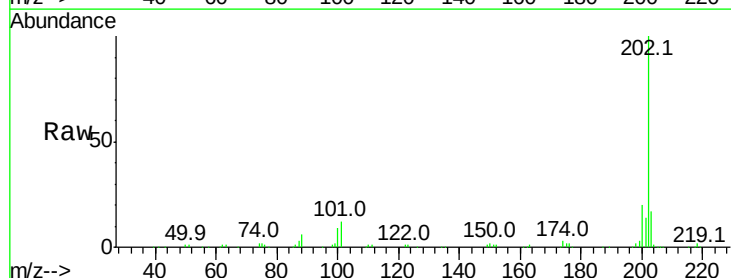
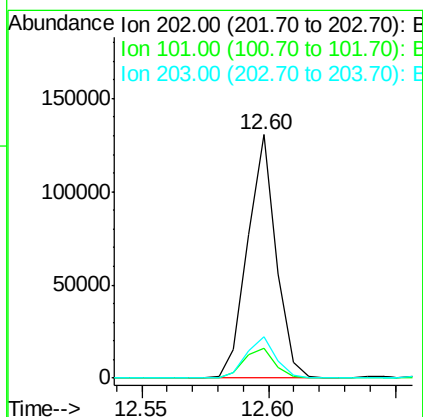
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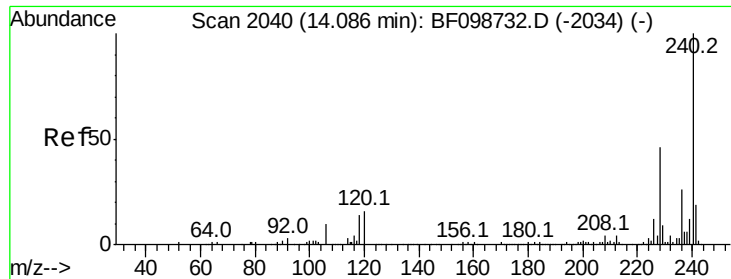
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#74
 Fluoranthene
 Concen: 5.000 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BF099121.D
 Acq: 5 Oct 2017 23:34

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099121.D

Acq: 5 Oct 2017 23:34

Instrument :

BNA_F

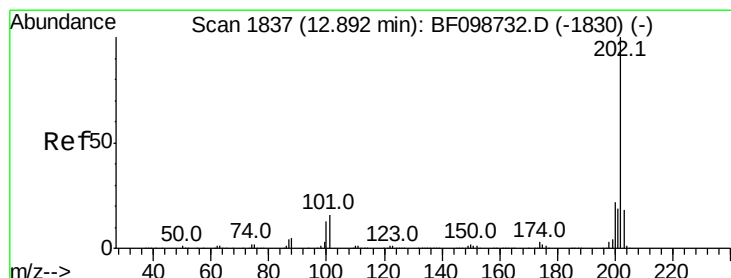
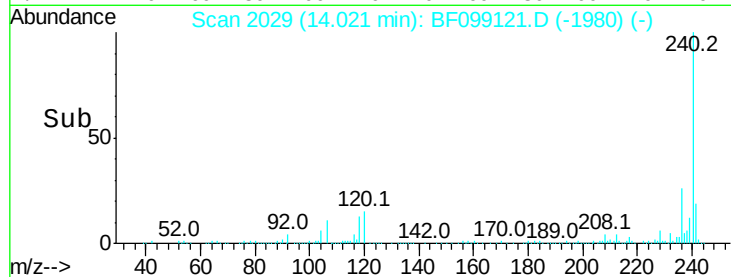
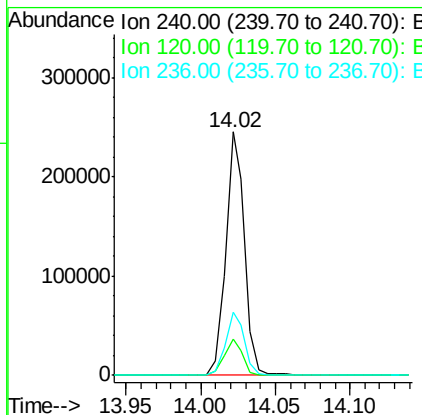
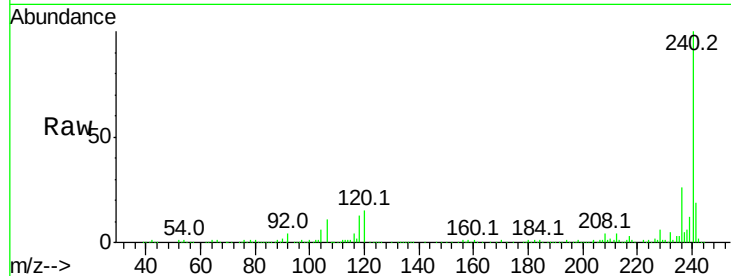
ClientSampleId :

G68-1.5-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3
236	25.8	20.7	31.1

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#77

Pyrene

Concen: 4.706 ng

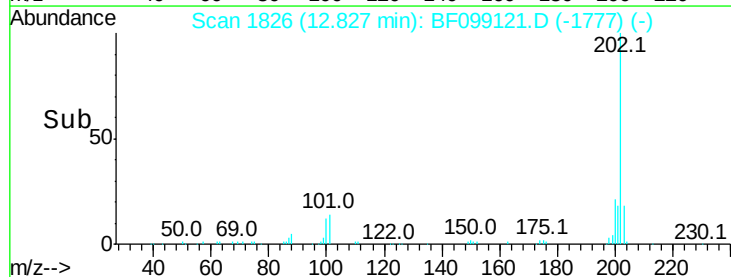
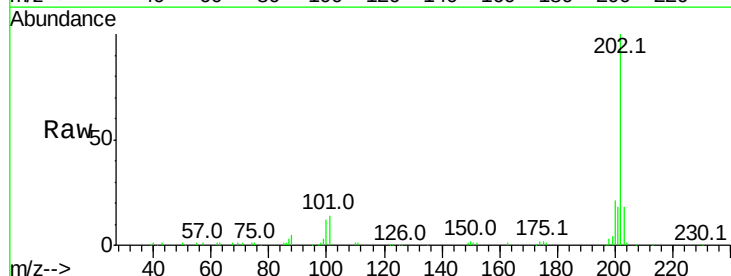
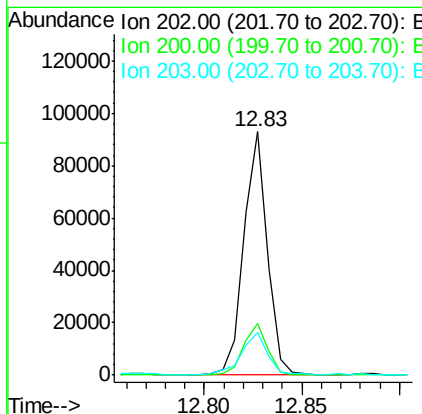
RT: 12.83 min Scan# 1826

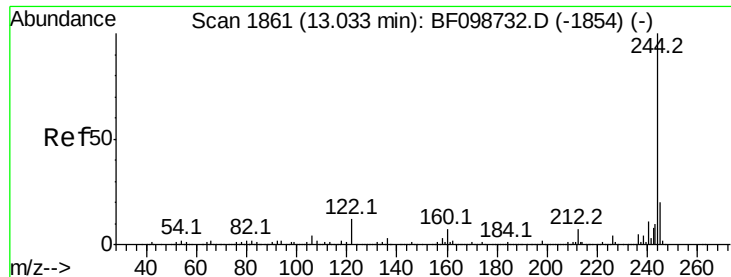
Delta R.T. -0.01 min

Lab File: BF099121.D

Acq: 5 Oct 2017 23:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.6	14.3	21.5





#78

Terphenyl-d14

Concen: 17.742 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF099121.D

Acq: 5 Oct 2017 23:34

Instrument :

BNA_F

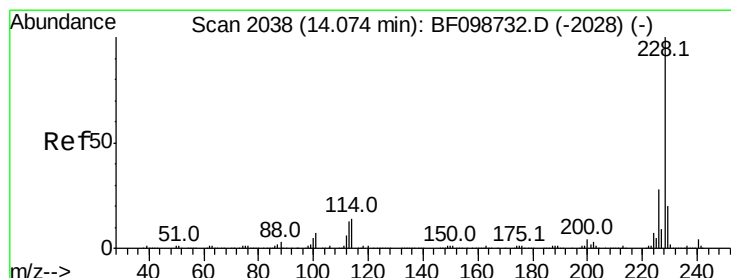
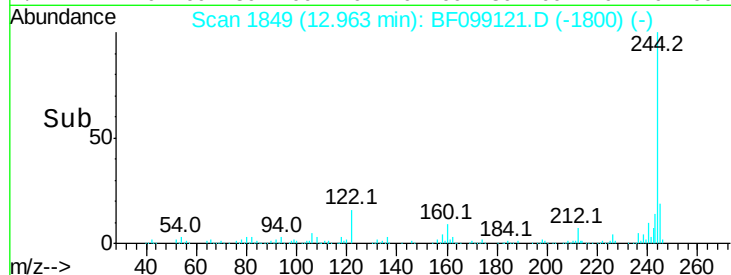
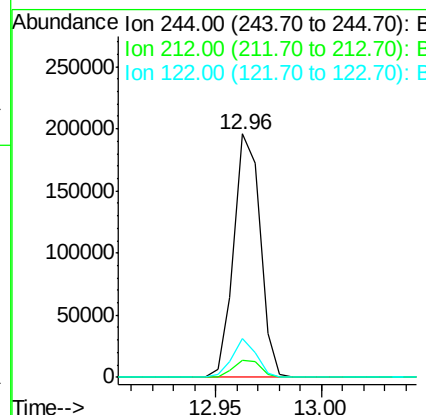
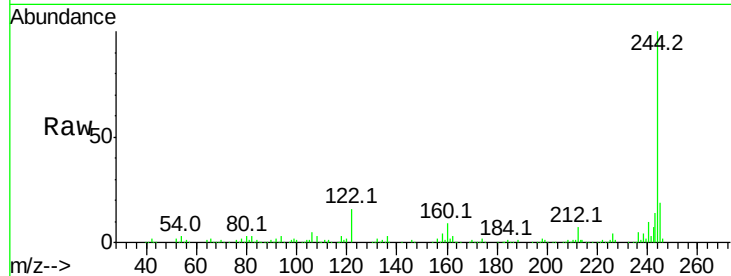
ClientSampled :

G68-1.5-3

Tot Ion:	244	Resp:	168840
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	16.1	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 3.366 ng

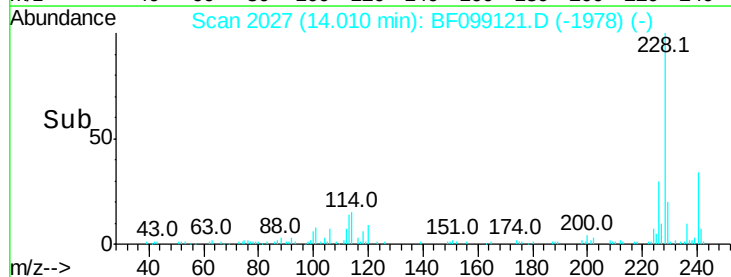
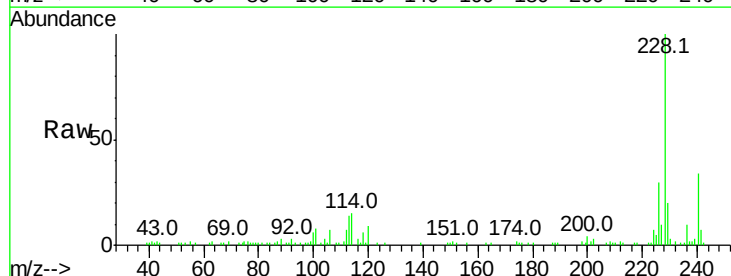
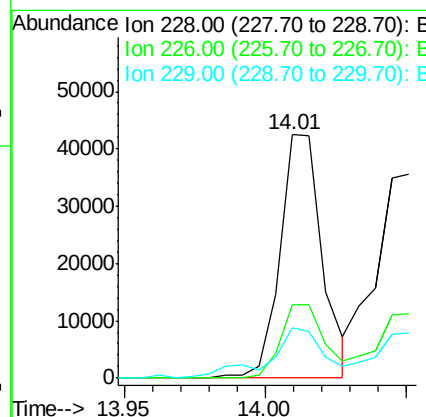
RT: 14.01 min Scan# 2027

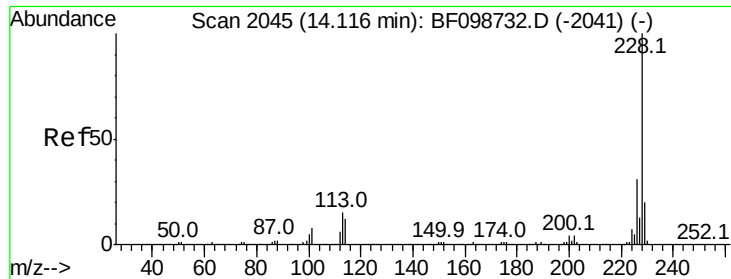
Delta R.T. -0.01 min

Lab File: BF099121.D

Acq: 5 Oct 2017 23:34

Tgt Ion:	228	Resp:	44117
Ion Ratio	Lower	Upper	
228	100		
226	30.0	22.6	33.8
229	20.5	15.8	23.6





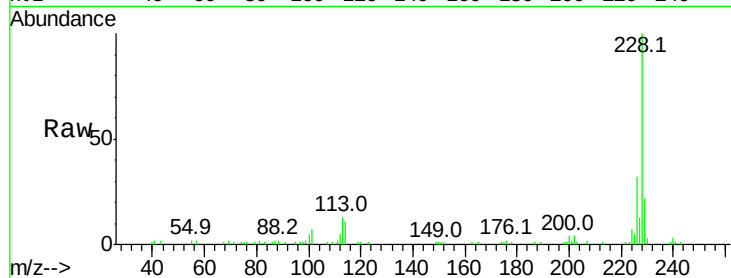
#82
Chrysene
Concen: 3.186 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF099121.D
Acq: 5 Oct 2017 23:34

Instrument :
BNA_F
ClientSampleId :
G68-1.5-3

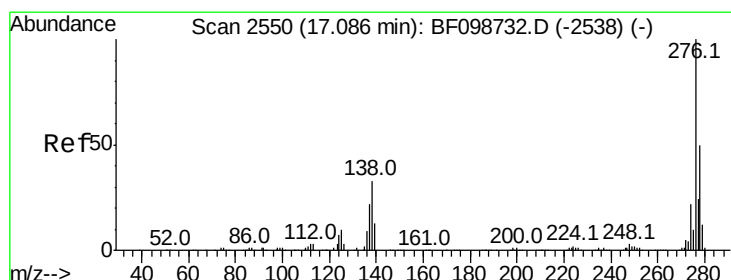
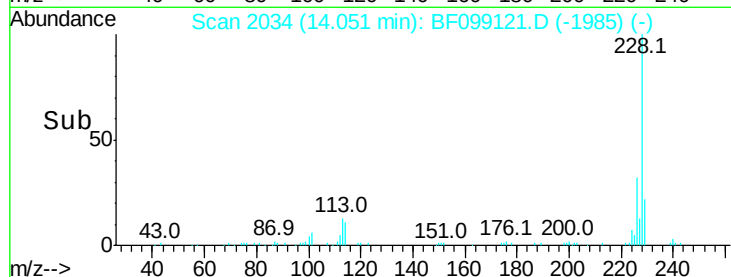
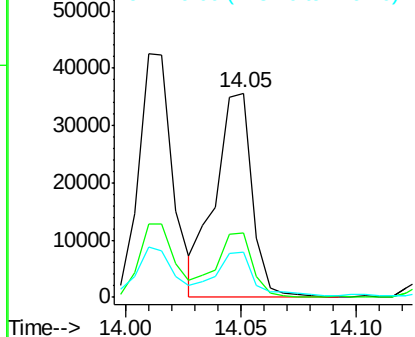
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	22.4	16.2	24.4

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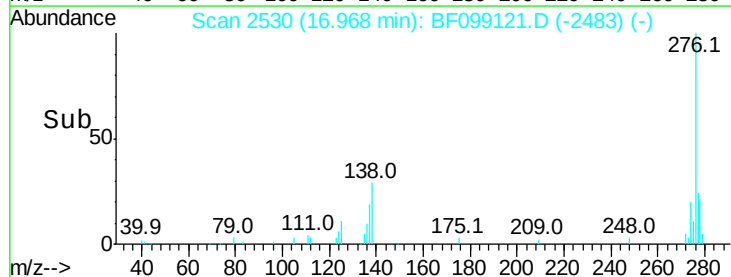
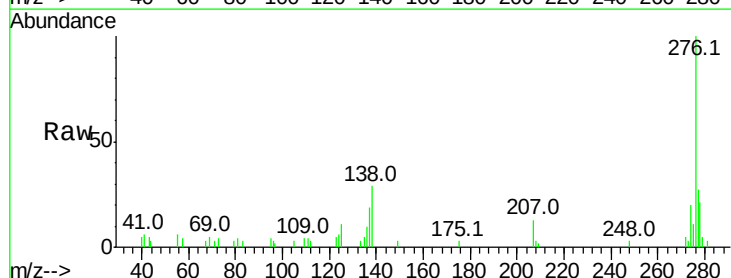
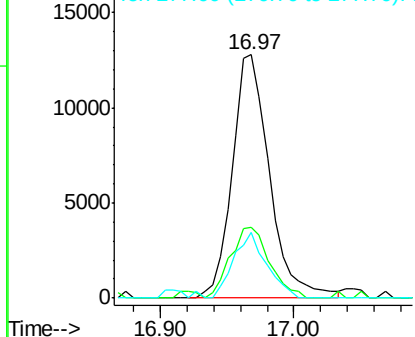
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

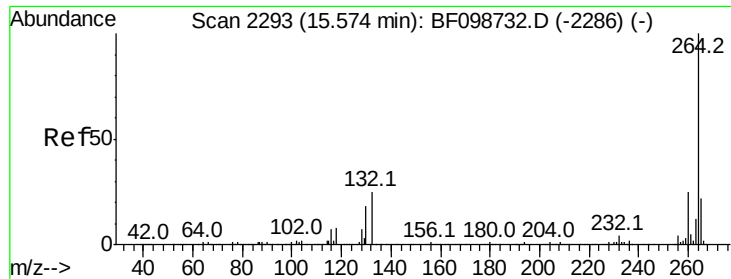


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.489 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF099121.D
Acq: 5 Oct 2017 23:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.4	25.0	37.6
277	23.9	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





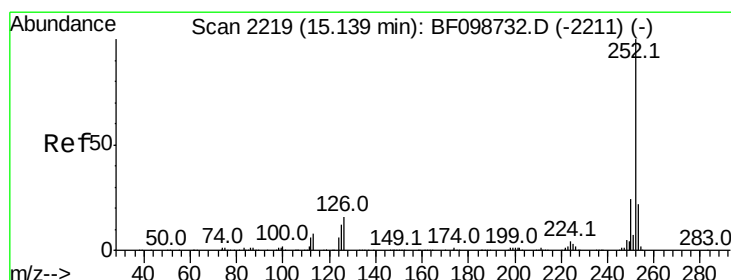
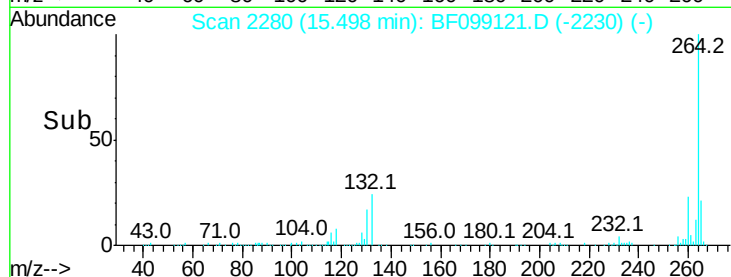
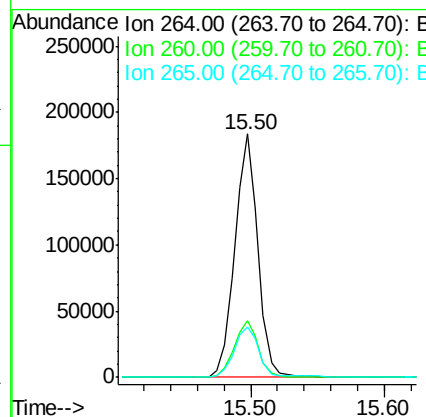
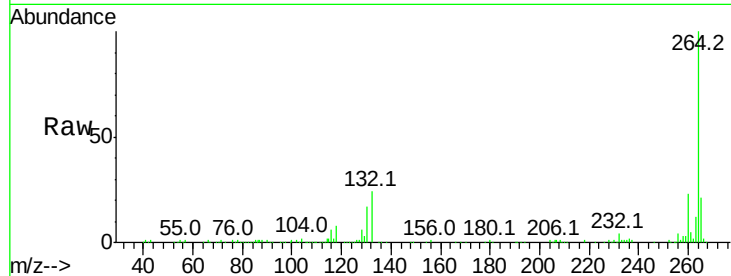
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF099121.D
Acq: 5 Oct 2017 23:34

Instrument :
BNA_F
ClientSampled :
G68-1.5-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.9	17.5	26.3

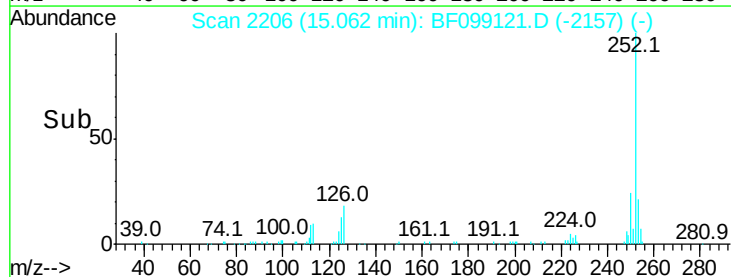
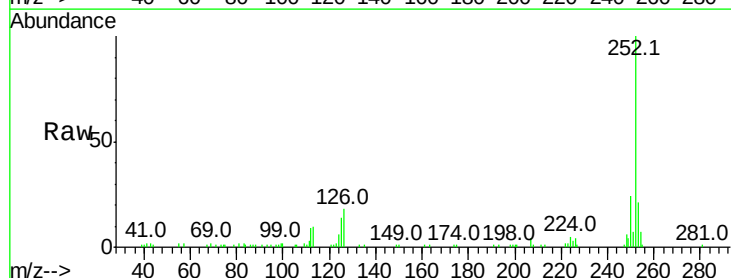
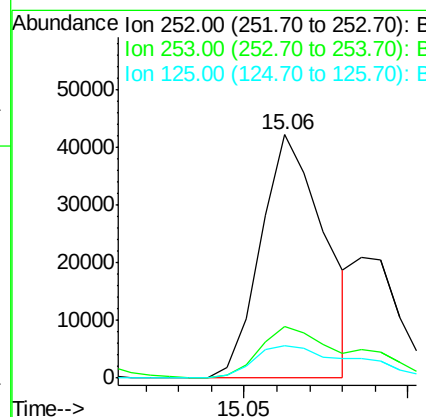
Manual Integrations
APPROVED

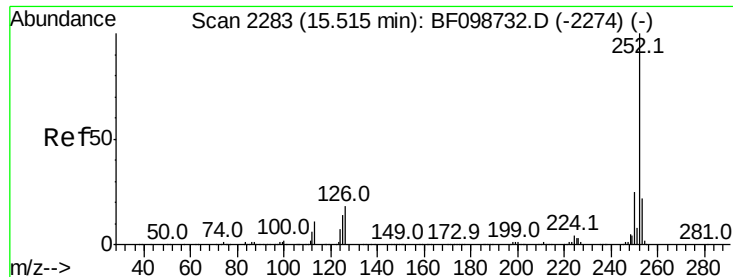
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#87
Benzo(b)fluoranthene
Concen: 4.198 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF099121.D
Acq: 5 Oct 2017 23:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	13.5	9.0	13.6





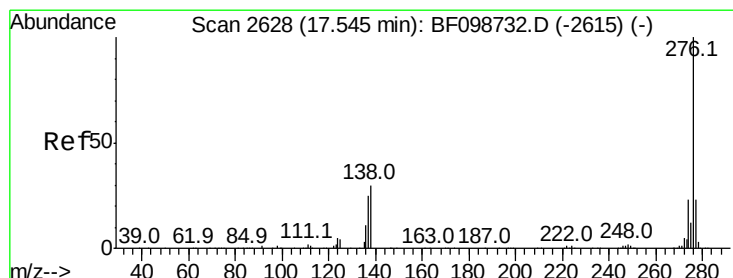
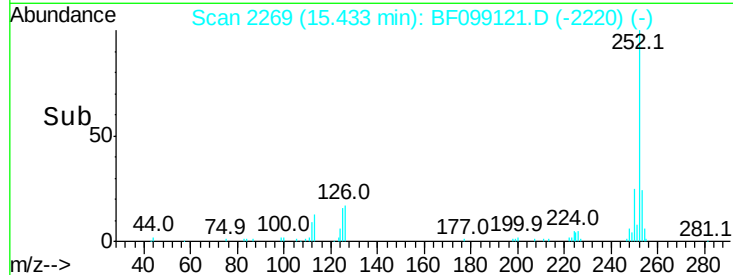
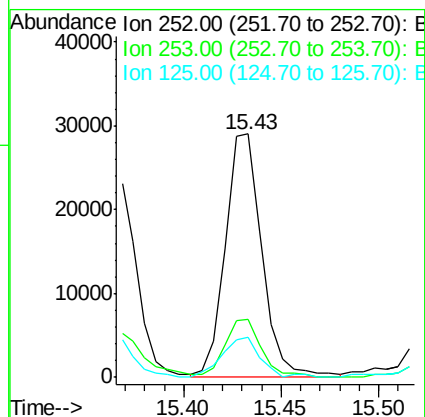
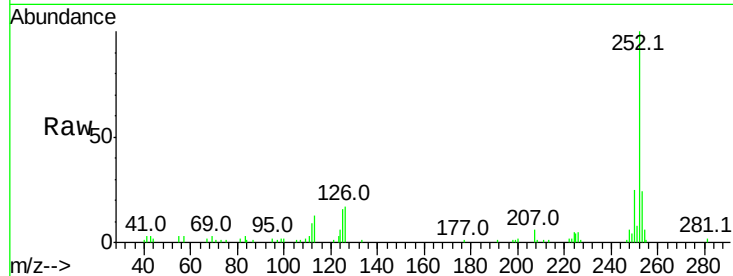
#89
Benzo(a)pyrene
Concen: 3.025 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF099121.D
Acq: 5 Oct 2017 23:34

Instrument :
BNA_F
ClientSampled :
G68-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.6	17.1	25.7	
125	16.4	9.8	14.6	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.040 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.03 min
Lab File: BF099121.D
Acq: 5 Oct 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
277	25.6	17.9	26.9	
138	31.8	21.8	32.8	

