

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099055.D
 Acq On : 4 Oct 2017 2:48
 Operator : SJ/JU
 Sample : I5532-05 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-65-0-1

Manual Integrations
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 10/4/2017 7:21:34 PM

Quant Time: Oct 04 04:32:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	113845	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	420746	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	150891	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	245166	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	252141	20.00	ng	-0.05
86) Perylene-d12	15.52	264	241197	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	141407	19.77	ng	-0.06
7) Phenol-d6	6.49	99	167097	18.94	ng	-0.05
23) Nitrobenzene-d5	7.43	82	97131	14.80	ng	-0.06
41) 2,4,6-Tribromophenol	10.70	330	9112	7.38	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	163305	18.07	ng	-0.05
78) Terphenyl-d14	12.97	244	128449	11.59	ng	-0.06
Target Compounds						
49) Dimethylphthalate	9.62	163	27540	2.418	ng	99
70) Phenanthrene	11.42	178	68626	5.229	ng	98
71) Anthracene	11.47	178	30030	2.236	ng	99
74) Fluoranthene	12.61	202	149447	11.246	ng	97
77) Pyrene	12.84	202	154563	8.039	ng	98
80) Benzo(a)anthracene	14.02	228	99386	6.510	ng	96
82) Chrysene	14.06	228	93220	6.413	ng	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	48688	4.187	ng	97
87) Benzo(b)fluoranthene	15.08	252	152186m	10.262	ng	
88) Benzo(k)fluoranthene	15.10	252	59313m	4.049	ng	
89) Benzo(a)pyrene	15.44	252	76976	5.655	ng	# 95
91) Benzo(a,h,i)perylene	17.44	276	39593	3.677	ng	92

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

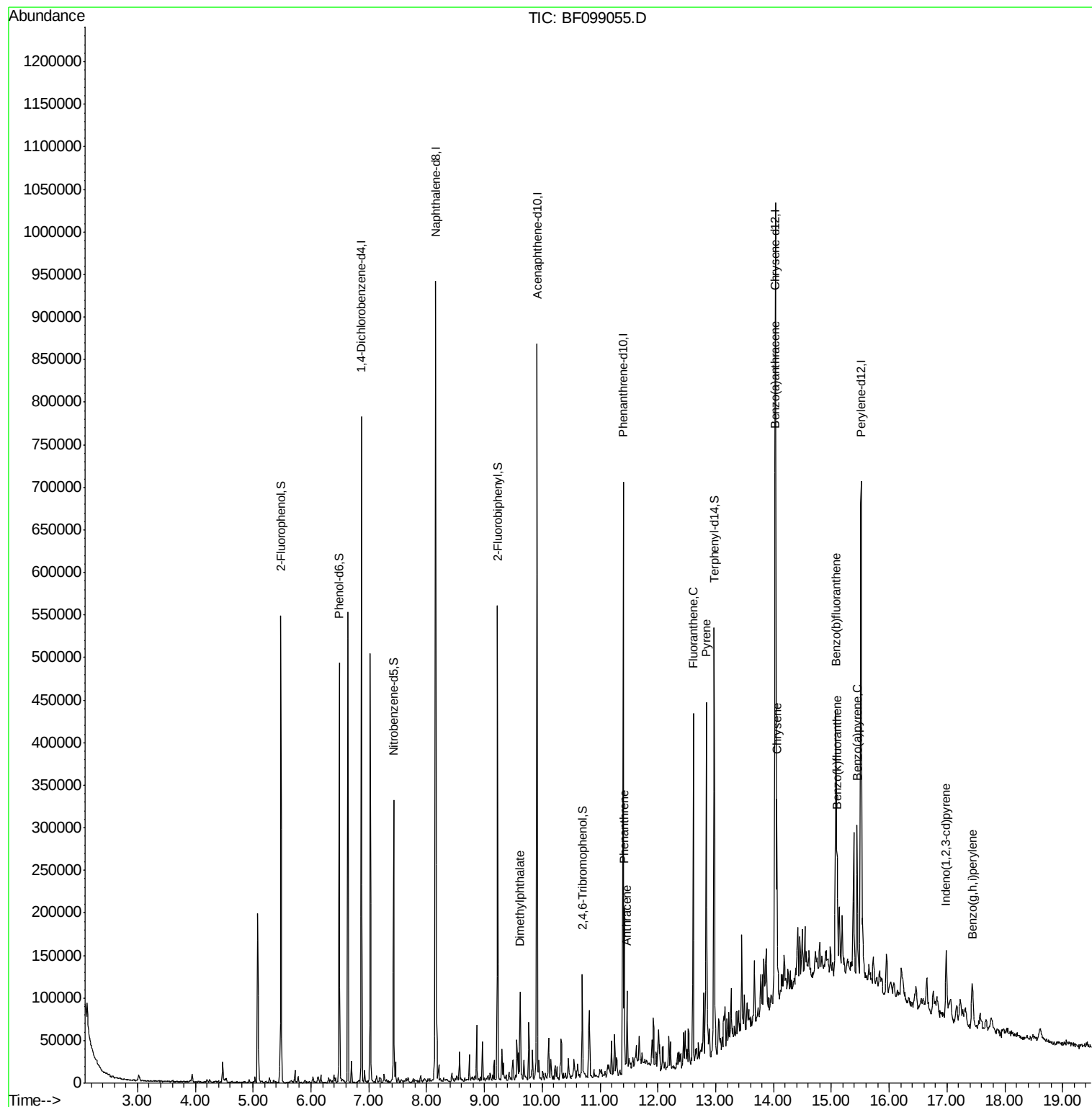
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
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Operator : SJ/JU
Sample : I5532-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

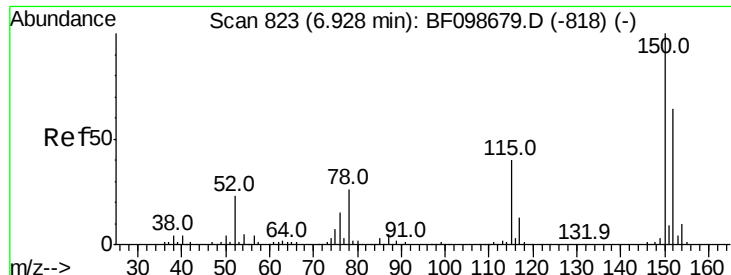
Instrument :
BNA_F
ClientSampleId :
G-65-0-1

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Quant Time: Oct 04 04:32:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

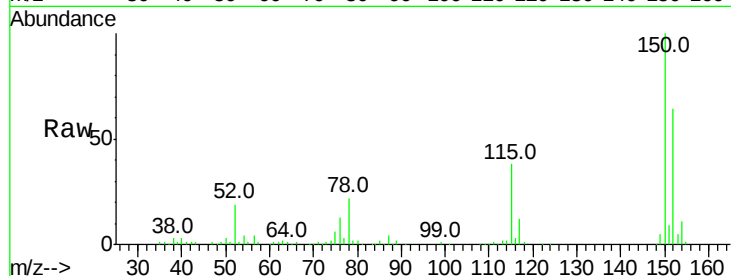
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Instrument :
BNA_F
ClientSampled :
G-65-0-1

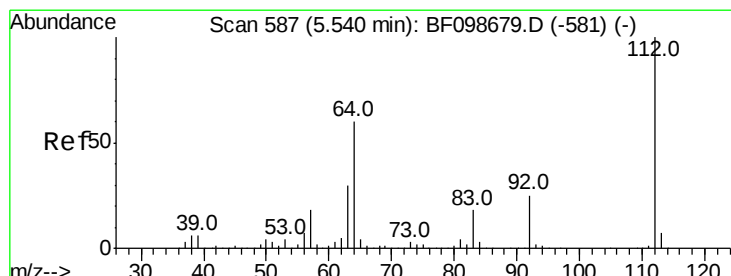
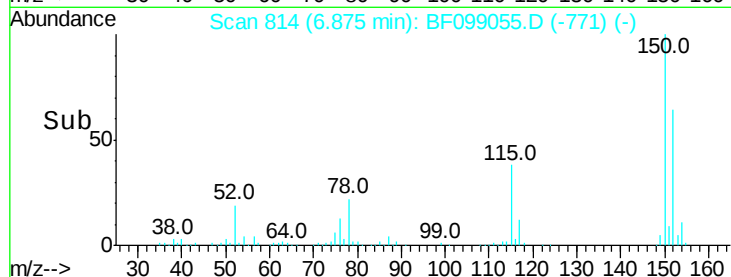
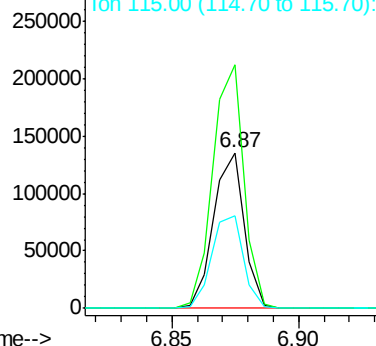
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	59.9	50.1	75.1

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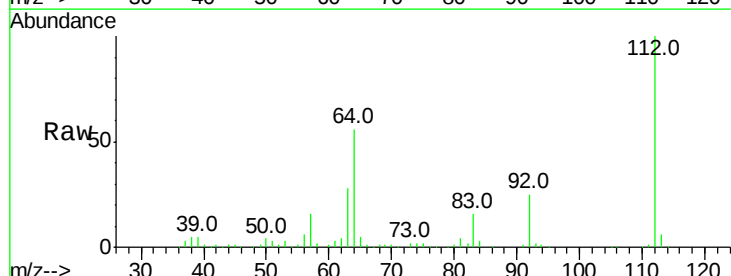
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



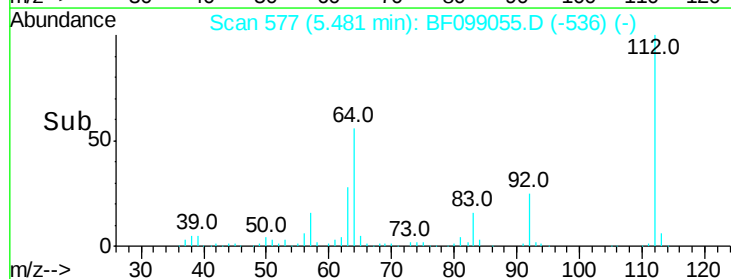
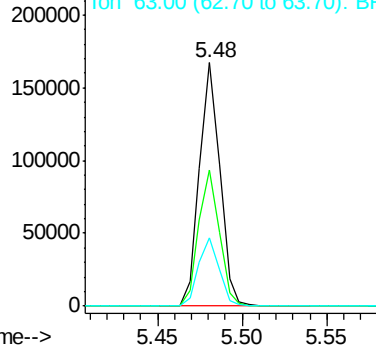
#5

2-Fluorophenol
Concen: 19.773 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.06 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	27.9	23.7	35.5



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: 18.941 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.05 min

Lab File: BF099055.D

Acq: 4 Oct 2017 2:48

Instrument :

BNA_F

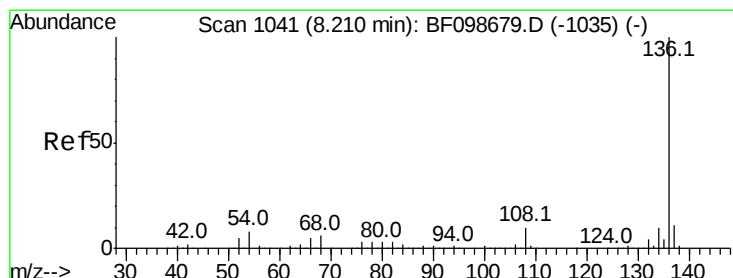
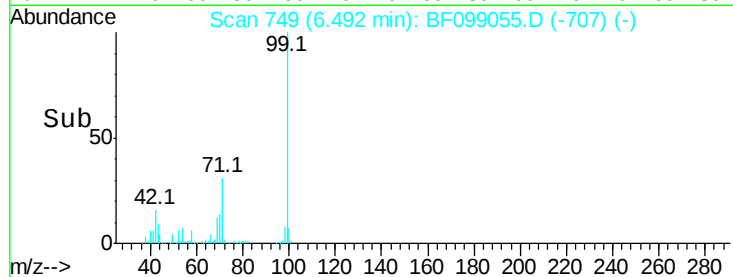
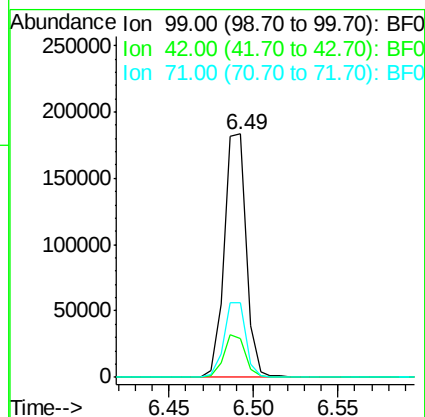
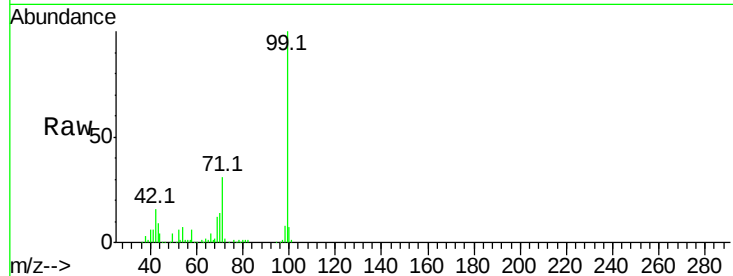
ClientSampled :

G-65-0-1

Tot Ion:	99	Resp:	167097
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	30.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

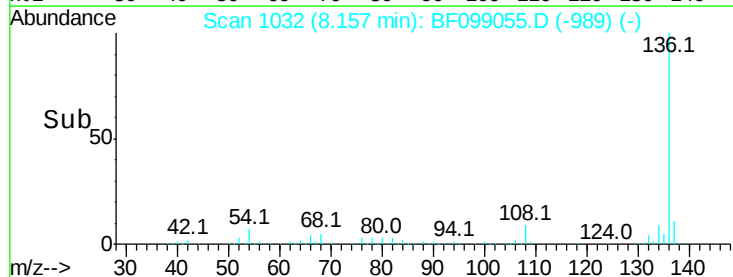
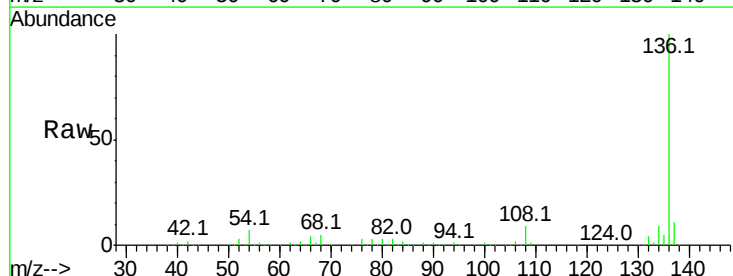
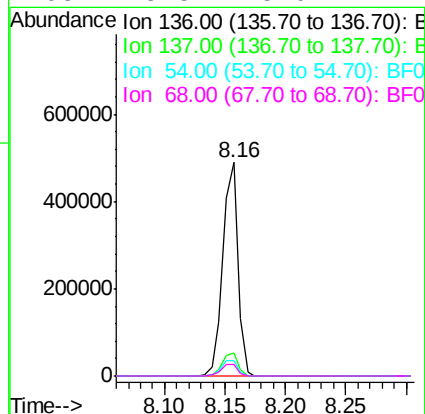
RT: 8.16 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF099055.D

Acq: 4 Oct 2017 2:48

Tgt Ion:	136	Resp:	420746
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	5.5	5.0	7.4





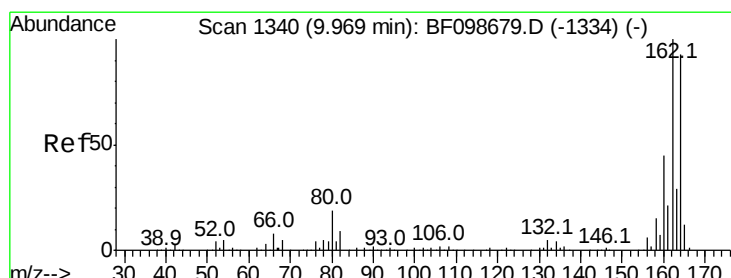
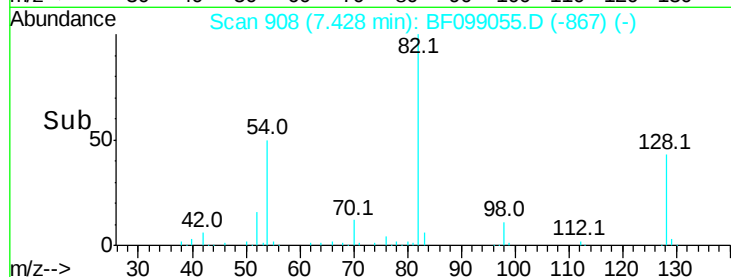
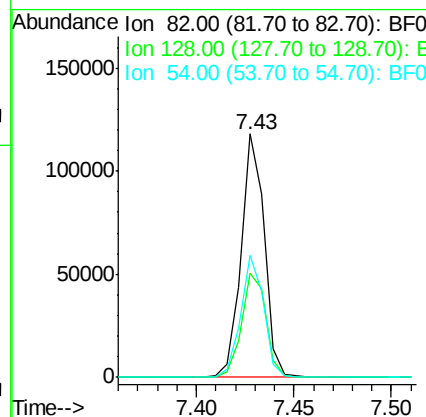
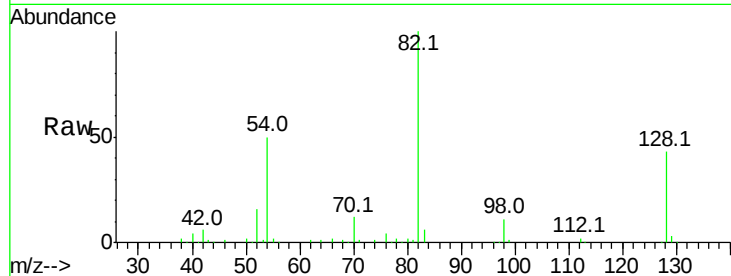
#23
 Nitrobenzene-d5
 Concen: 14.805 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.06 min
 Lab File: BF099055.D
 Acq: 4 Oct 2017 2:48

Instrument :
 BNA_F
 ClientSampled :
 G-65-0-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	49.9	41.4	62.2

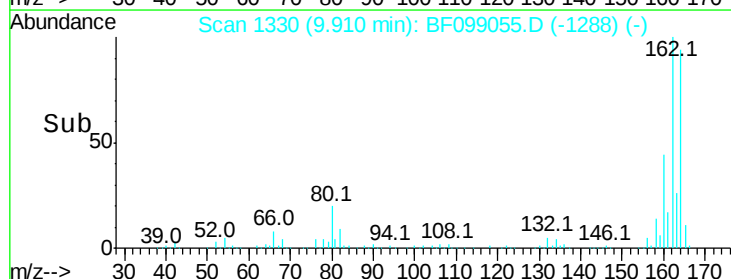
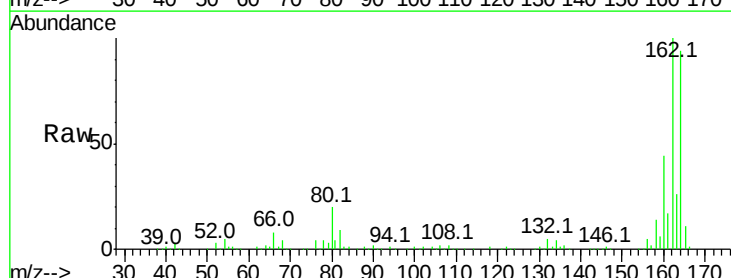
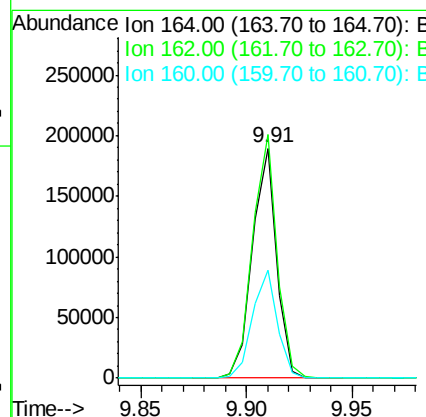
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099055.D
 Acq: 4 Oct 2017 2:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	47.0	38.3	57.5





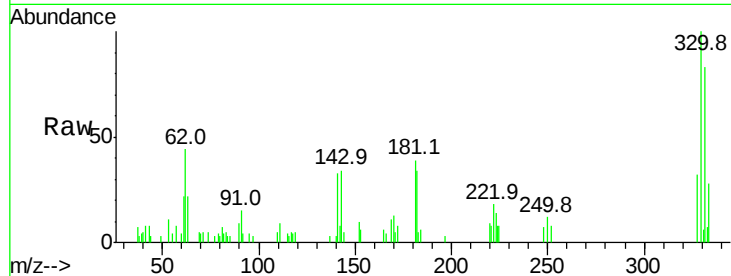
#41
 2,4,6-Tribromophenol
 Concen: 7.380 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: BF099055.D
 Acq: 4 Oct 2017 2:48

Instrument :
 BNA_F
 ClientSampled :
 G-65-0-1

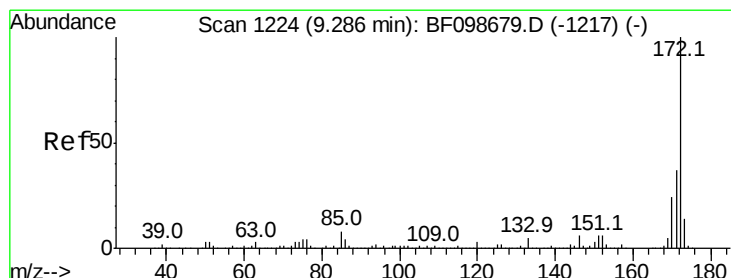
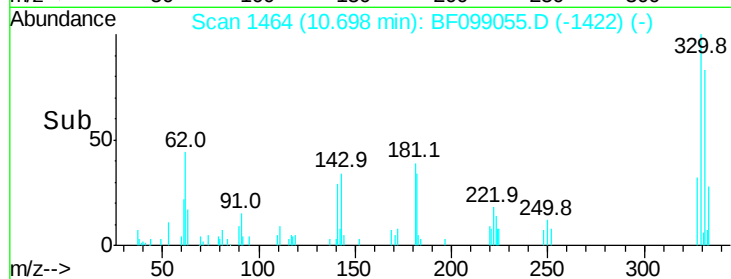
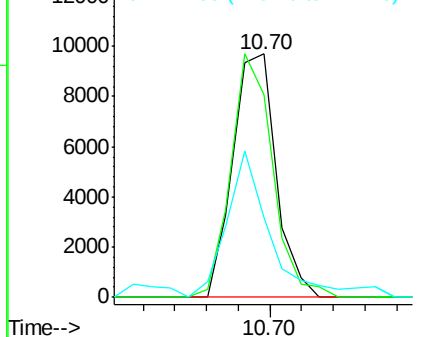
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	61.3	29.9	44.9#

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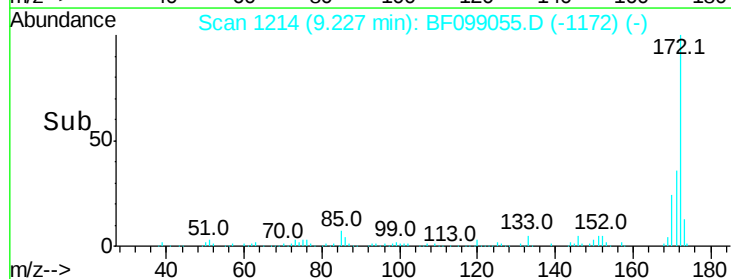
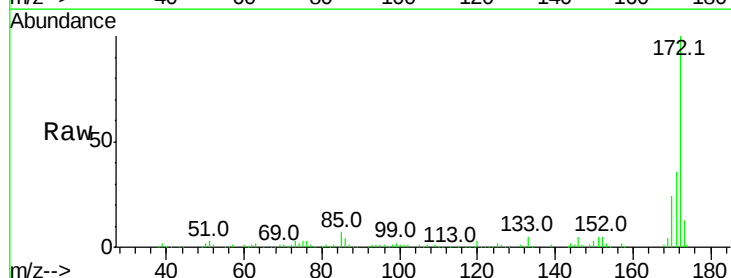
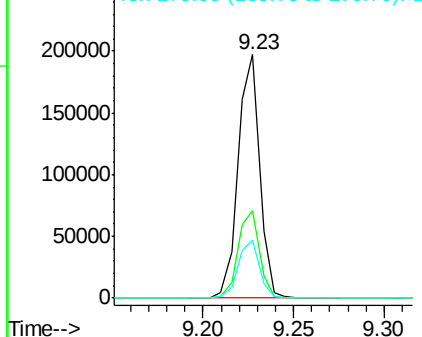
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

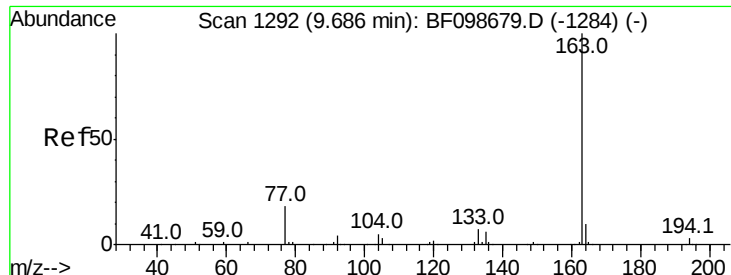


#44
 2-Fluorobiphenyl
 Concen: 18.068 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.05 min
 Lab File: BF099055.D
 Acq: 4 Oct 2017 2:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4

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





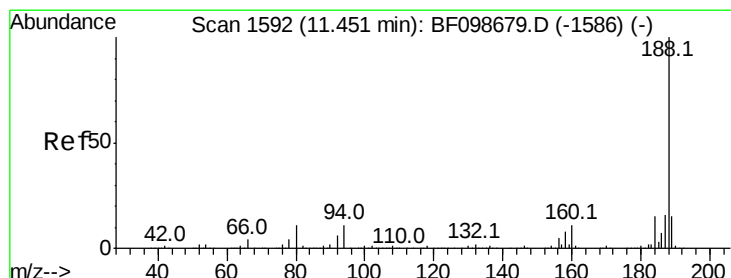
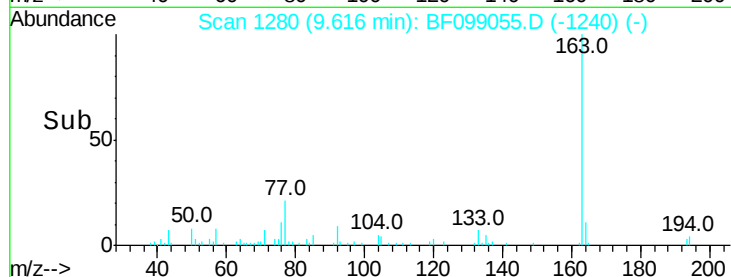
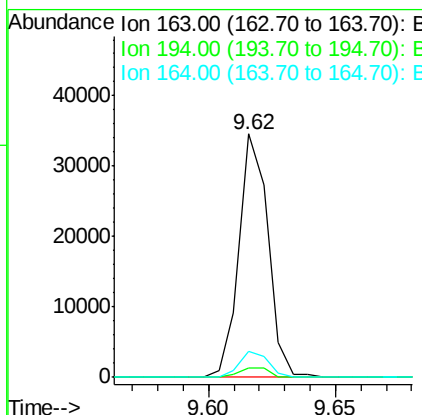
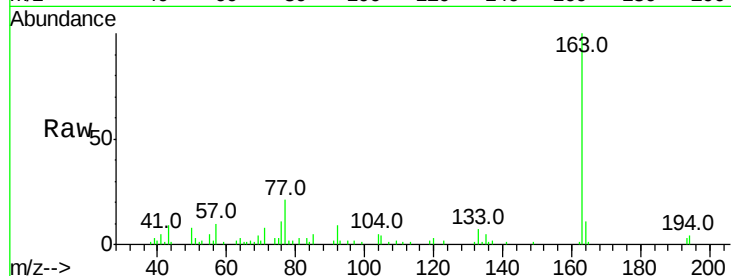
#49
Dimethylphthalate
Concen: 2.418 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.06 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Instrument :
BNA_F
ClientSampleId :
G-65-0-1

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.7	8.2	12.2

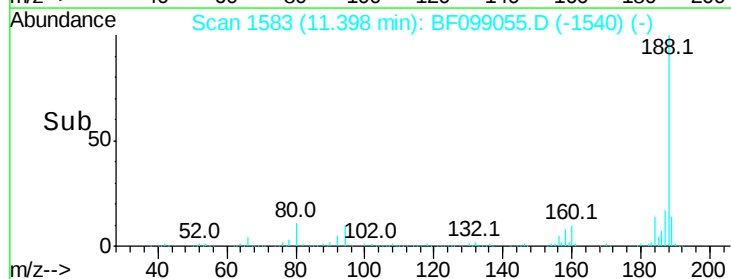
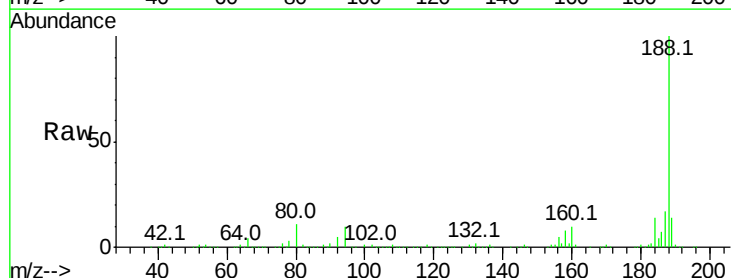
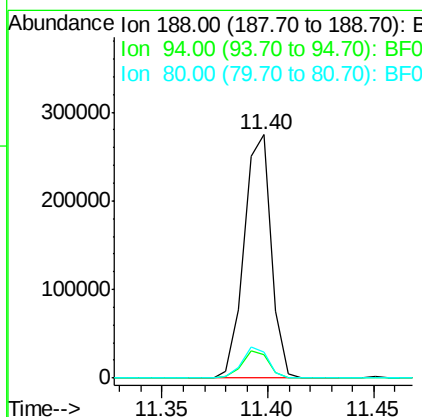
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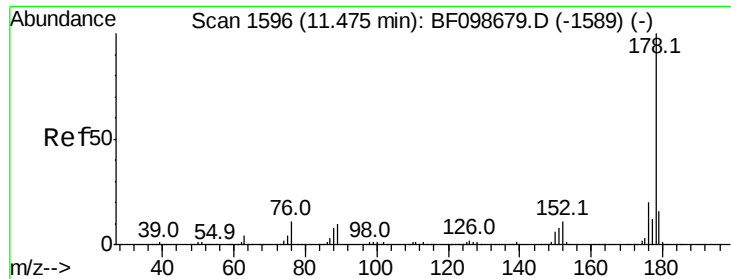
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.05 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.5	9.2	13.8





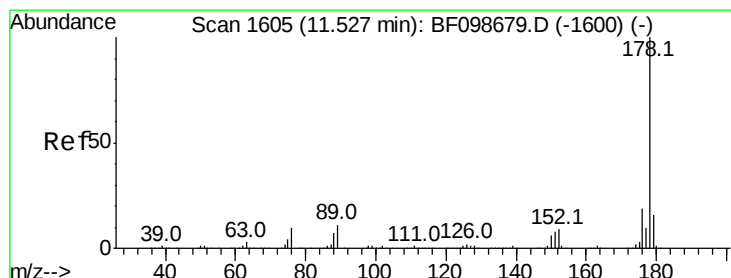
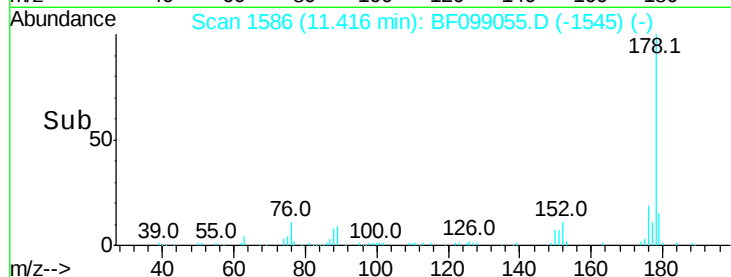
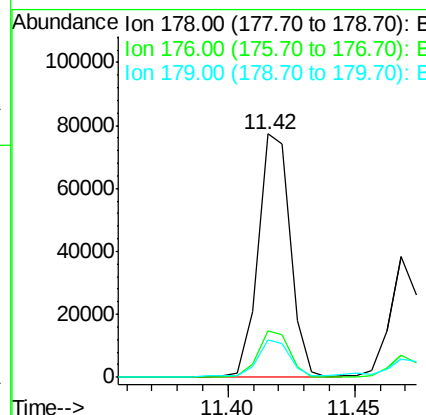
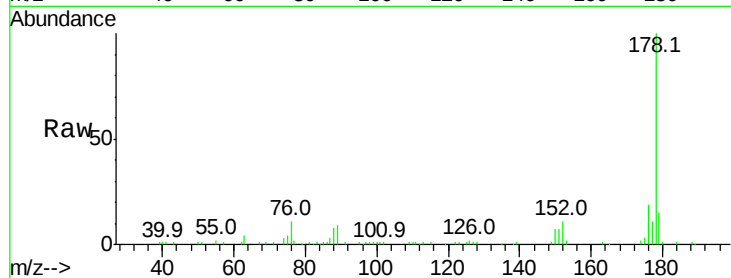
#70
Phenanthrene
Concen: 5.229 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.06 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Instrument :
BNA_F
ClientSampled :
G-65-0-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.4	13.0	19.6

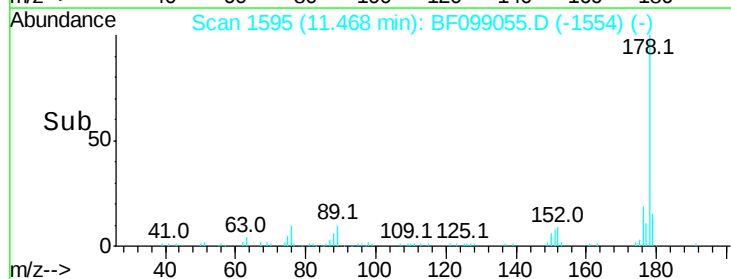
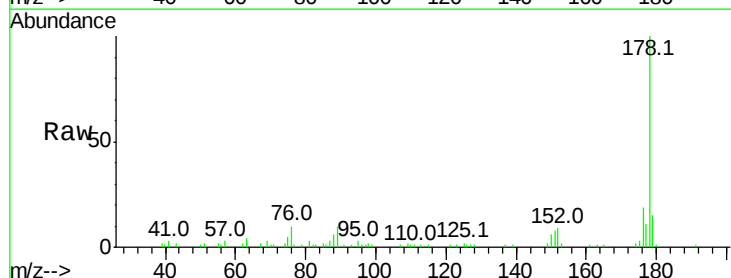
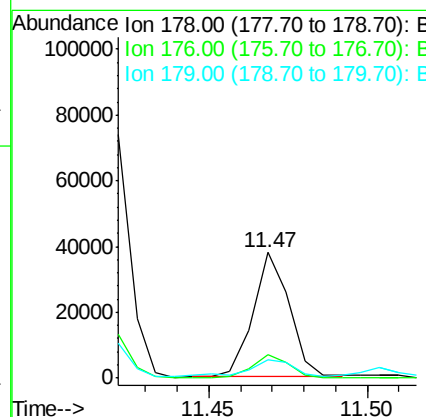
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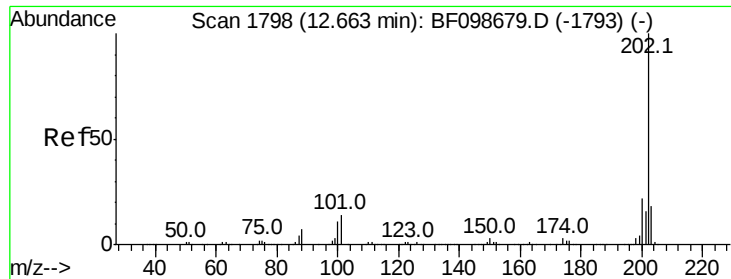
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#71
Anthracene
Concen: 2.236 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.06 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	14.9	12.6	19.0





#74

Fluoranthene

Concen: 11.246 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.05 min

Lab File: BF099055.D

Acq: 4 Oct 2017 2:48

Instrument :

BNA_F

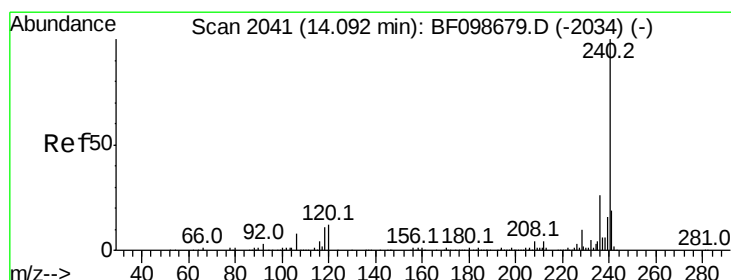
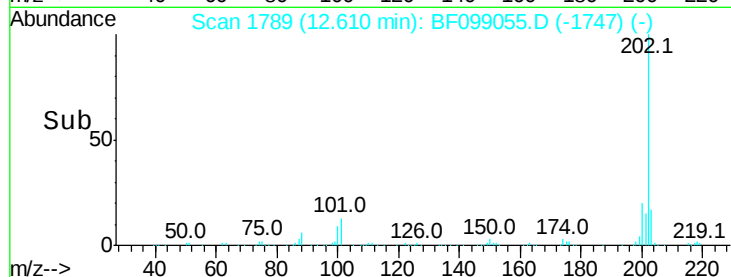
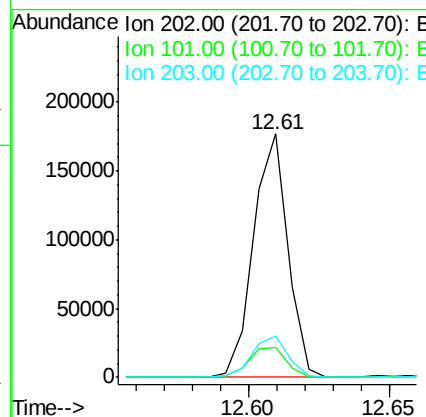
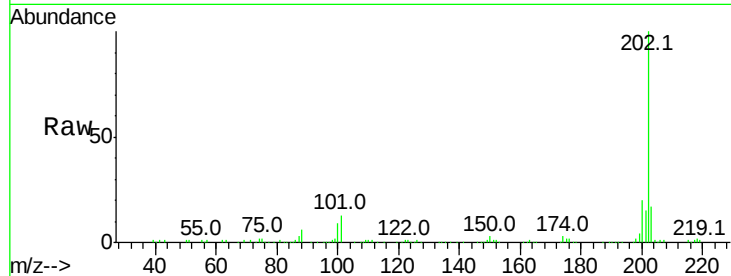
ClientSampleId :

G-65-0-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.1	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

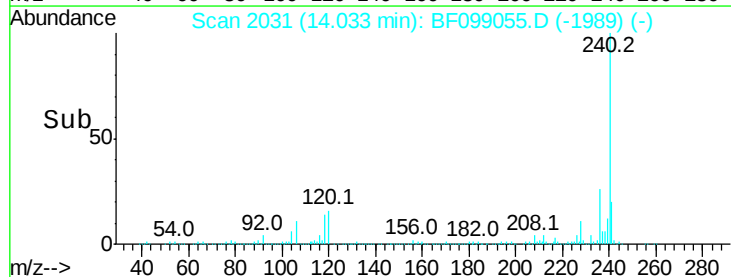
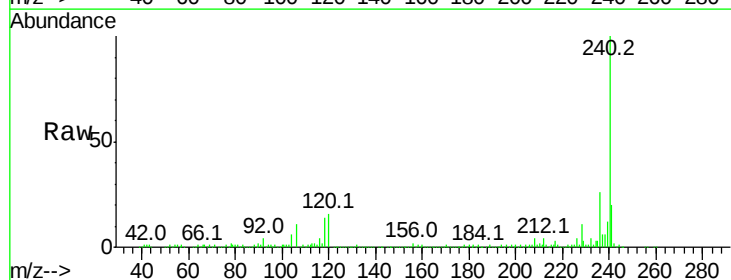
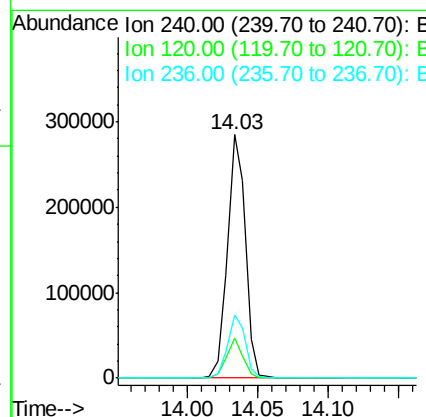
RT: 14.03 min Scan# 2031

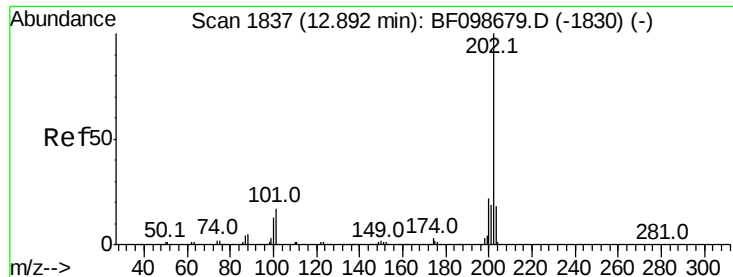
Delta R.T. -0.05 min

Lab File: BF099055.D

Acq: 4 Oct 2017 2:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.4	9.5	14.3#
236	25.9	20.7	31.1





#77

Pvrene

Concen: 8.039 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.05 min

Lab File: BF099055.D

Acq: 4 Oct 2017 2:48

Instrument :

BNA_F

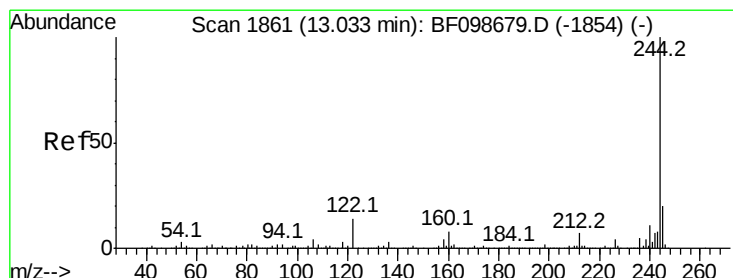
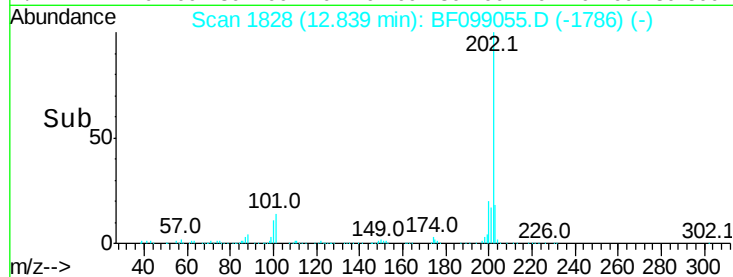
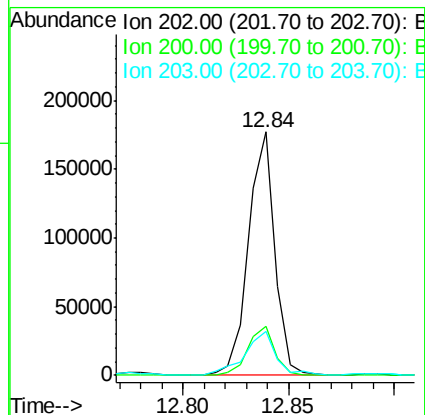
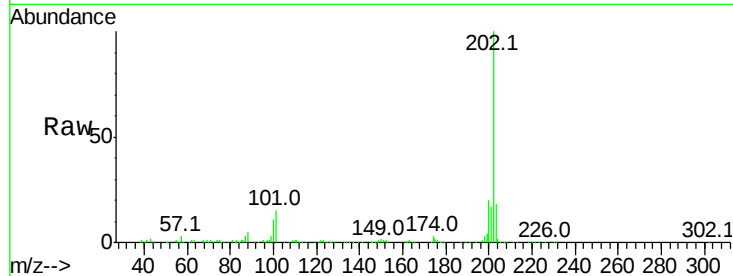
ClientSampleId :

G-65-0-1

Tot Ion:	202	Resp:	154563
Ion Ratio		Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.9	14.3	21.5

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#78

Terphenyl-d14

Concen: 11.586 ng

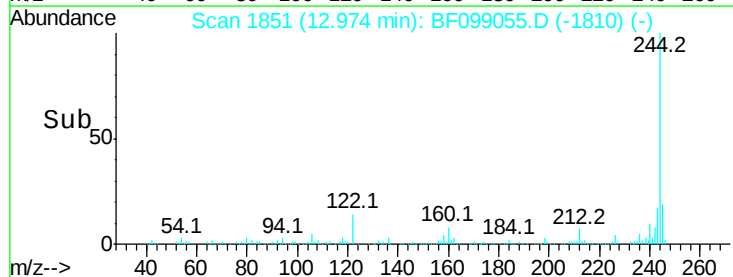
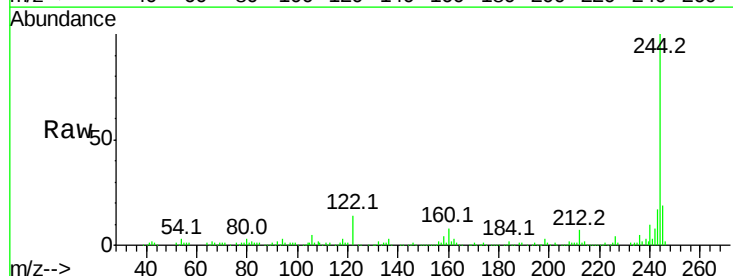
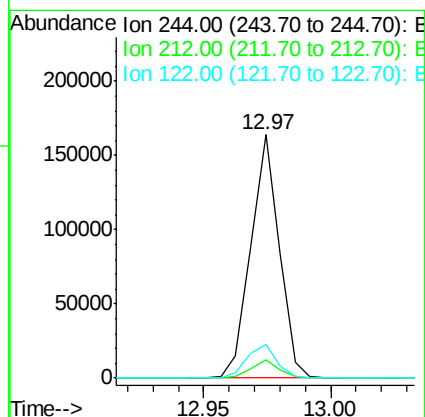
RT: 12.97 min Scan# 1851

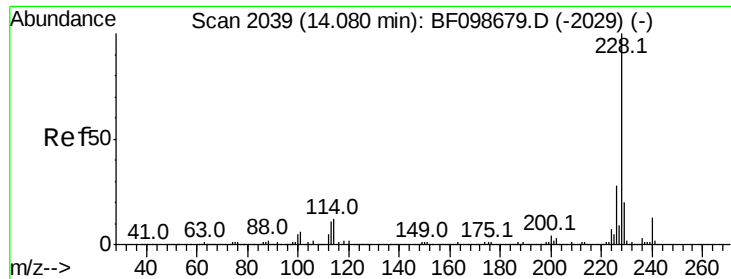
Delta R.T. -0.06 min

Lab File: BF099055.D

Acq: 4 Oct 2017 2:48

Tgt Ion:	244	Resp:	128449
Ion Ratio		Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.6	11.0	16.4





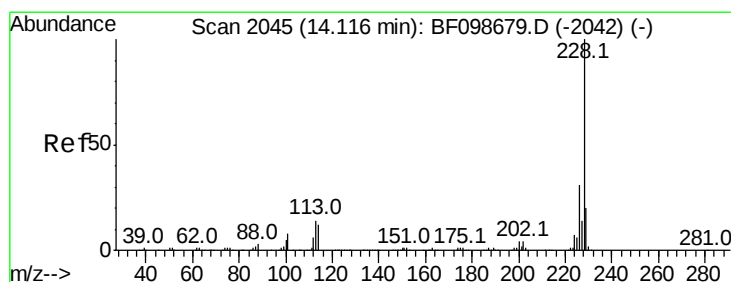
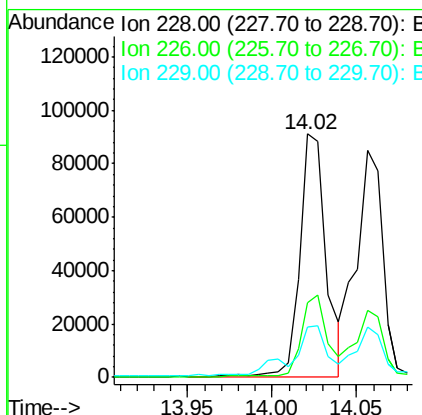
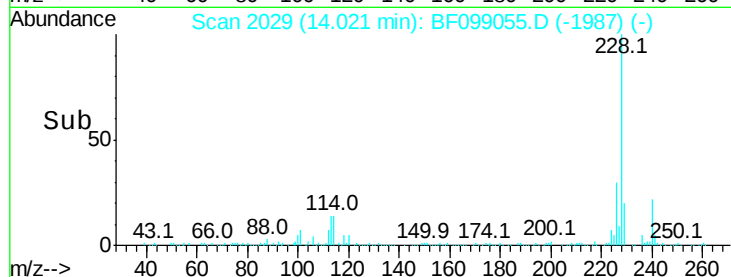
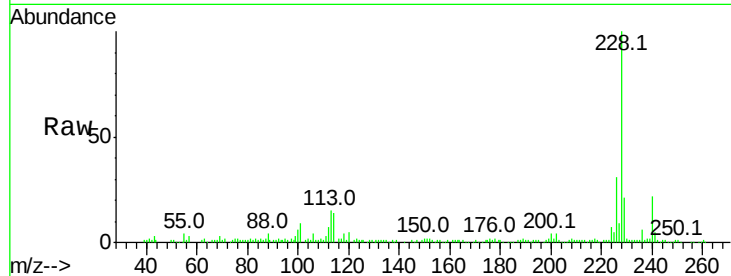
#80
Benzo(a)anthracene
Concen: 6.510 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.05 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Instrument :
BNA_F
ClientSampleId :
G-65-0-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	20.9	15.8	23.6

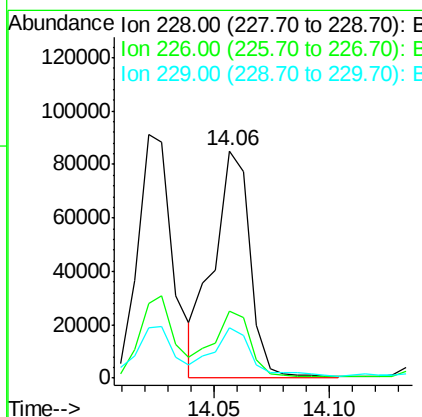
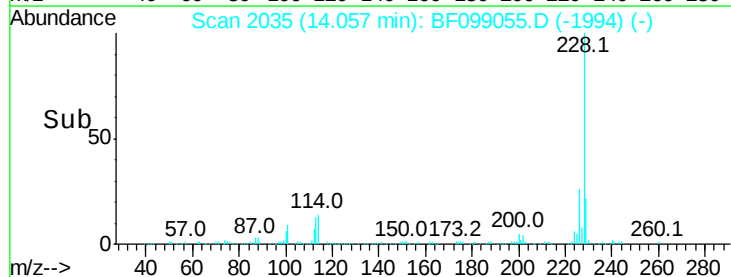
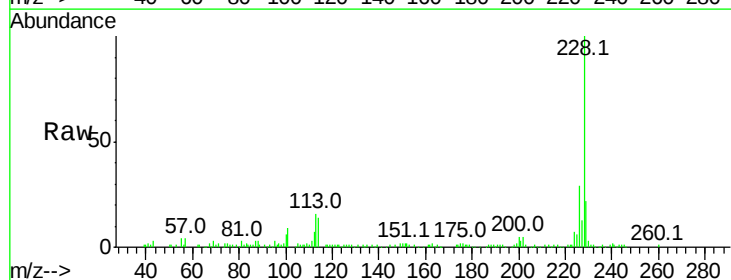
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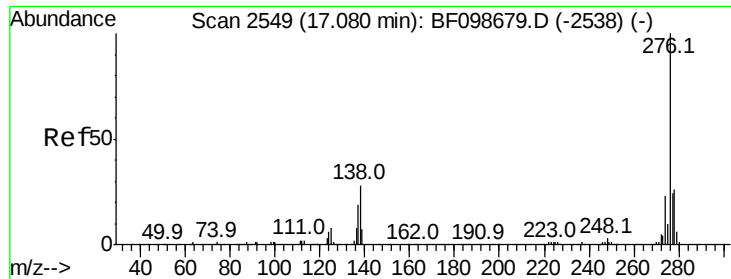
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#82
Chrysene
Concen: 6.413 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.06 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	22.4	16.2	24.4





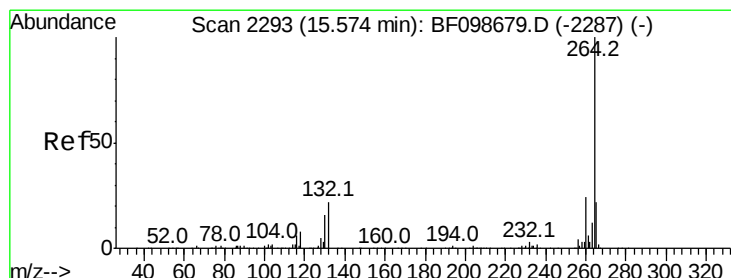
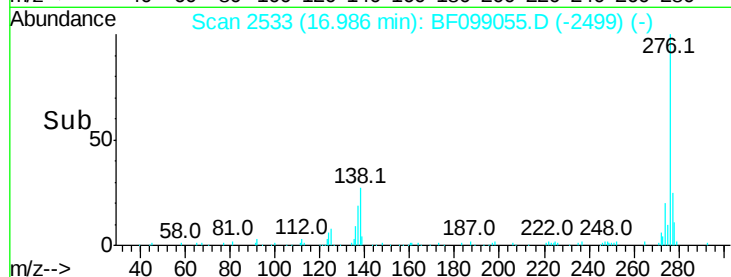
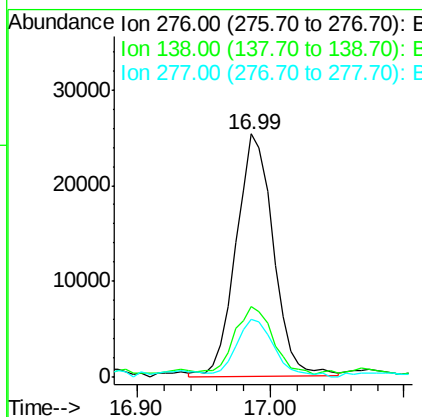
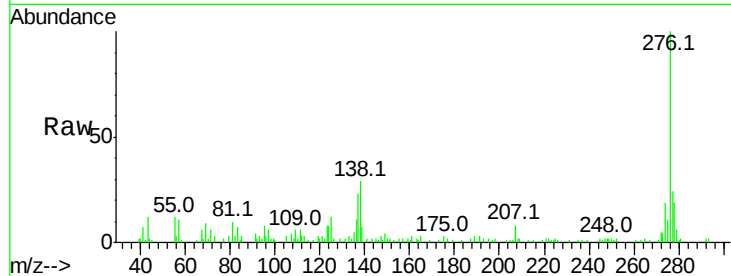
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.187 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.10 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Instrument :
BNA_F
ClientSampleId :
G-65-0-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.0	37.6
277	25.0	20.1	30.1

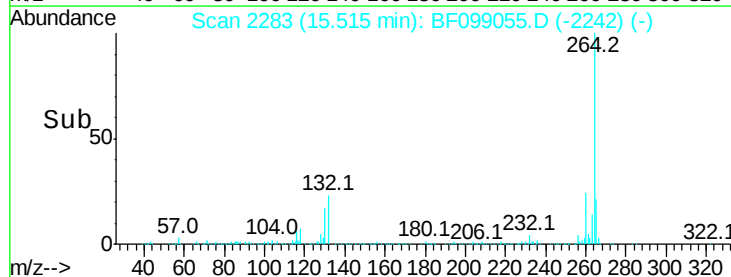
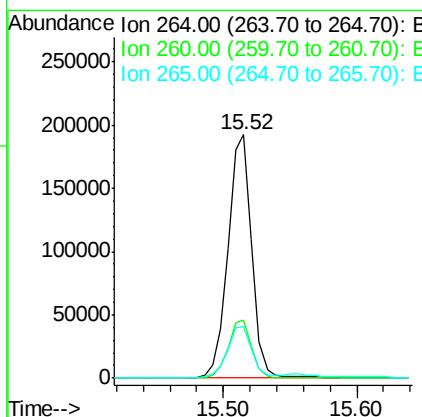
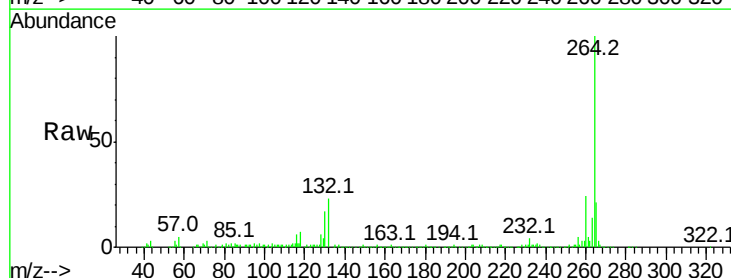
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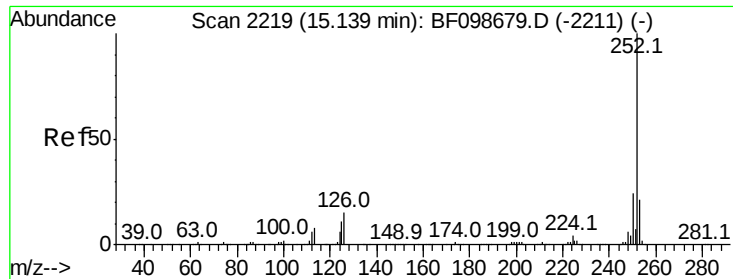
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.06 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.5	26.3





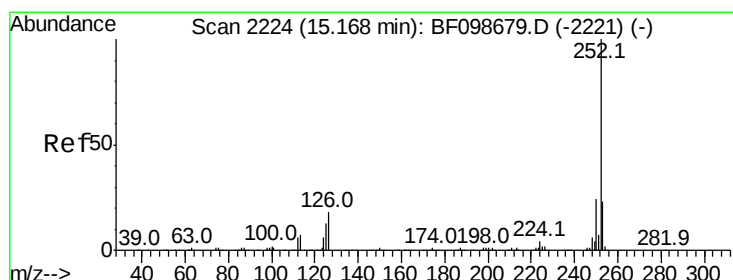
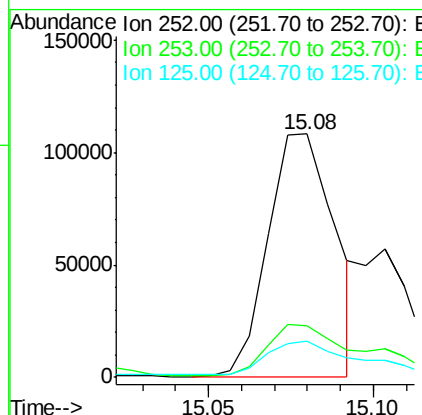
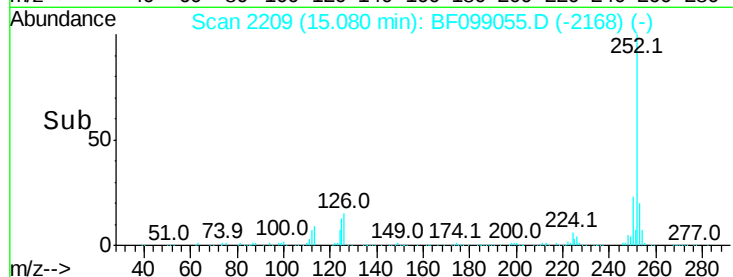
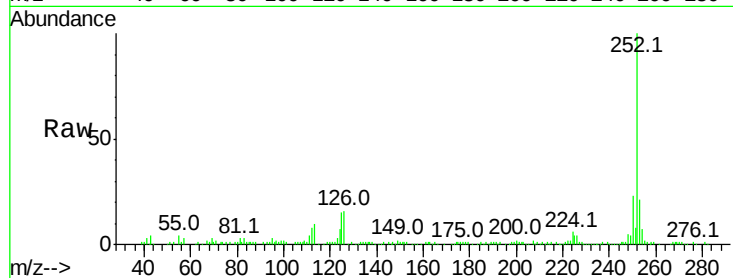
#87
Benzo(b)fluoranthene
Concen: 10.262 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Instrument :
BNA_F
ClientSampled :
G-65-0-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	14.7	9.0	13.6

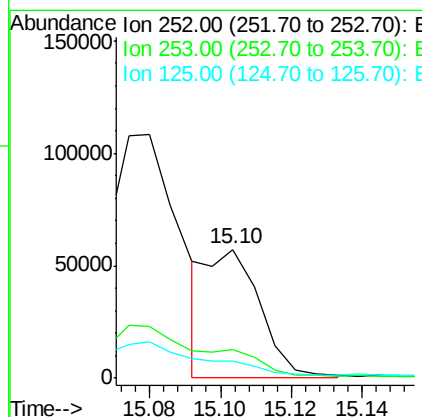
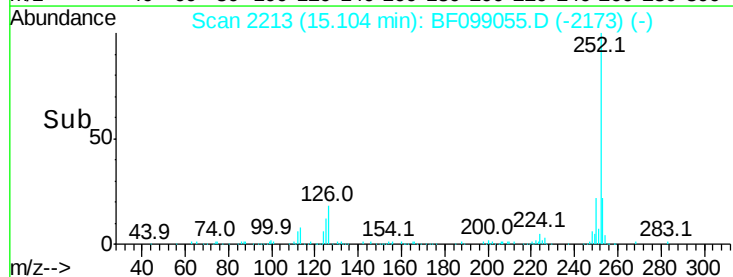
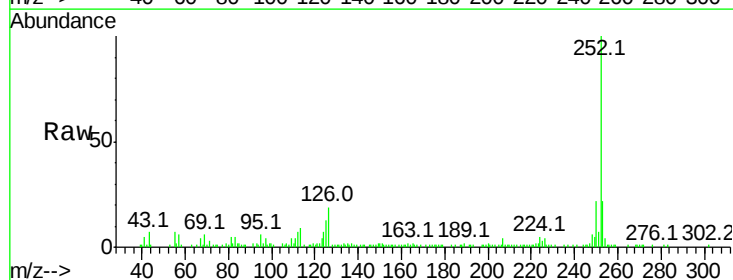
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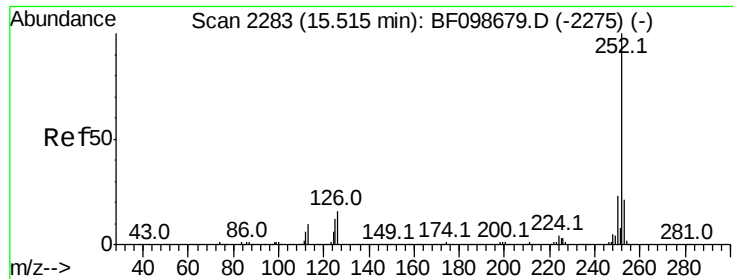
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#88
Benzo(k)fluoranthene
Concen: 4.049 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.06 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.5	10.2	15.2





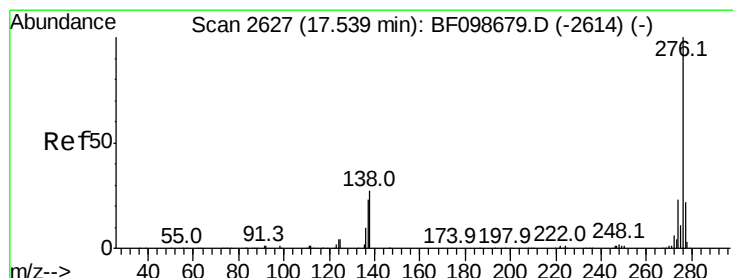
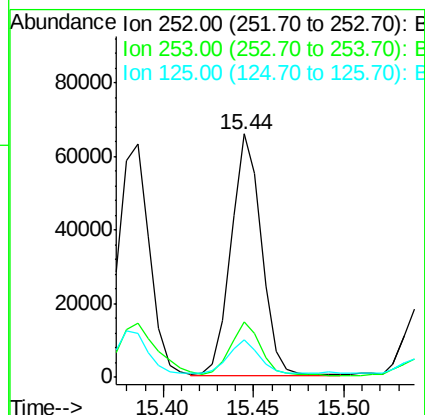
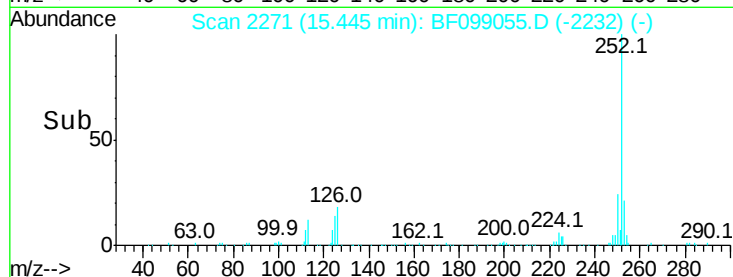
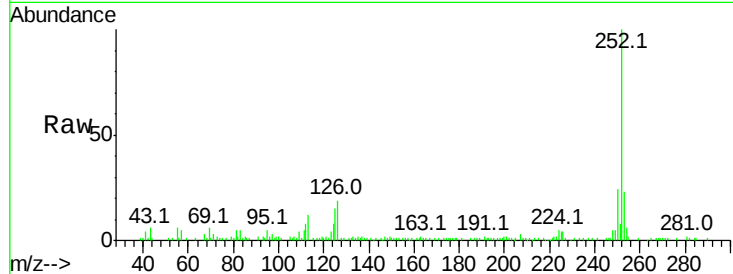
#89
Benzo(a)pyrene
Concen: 5.655 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.07 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Instrument :
BNA_F
ClientSampled :
G-65-0-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	15.4	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.677 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.11 min
Lab File: BF099055.D
Acq: 4 Oct 2017 2:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	31.9	21.8	32.8

