

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099202.D
 Acq On : 7 Oct 2017 18:56
 Operator : SJ/JU
 Sample : I5586-07 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G47A-2.5-5

Manual Integrations
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Quant Time: Oct 08 04:51:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120159	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	446390	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	172649	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	267535	20.00	ng	0.00
75) Chrysene-d12	14.03	240	218787	20.00	ng	0.00
86) Perylene-d12	15.51	264	171869	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	147774	19.58	ng	0.00
7) Phenol-d6	6.49	99	174044	18.69	ng	0.00
23) Nitrobenzene-d5	7.42	82	91184	13.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	21795	15.43	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	172131	16.64	ng	0.00
78) Terphenyl-d14	12.97	244	119095	12.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	28712	2.203	ng	98
74) Fluoranthene	12.60	202	162196	11.185	ng	98
77) Pyrene	12.83	202	145564	8.725	ng	98
80) Benzo(a)anthracene	14.02	228	51188	3.864	ng	95
82) Chrysene	14.06	228	43796	3.472	ng	96
87) Benzo(b)fluoranthene	15.07	252	49084m	4.645	ng	
89) Benzo(a)pyrene	15.44	252	22268	2.296	ng	# 79

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

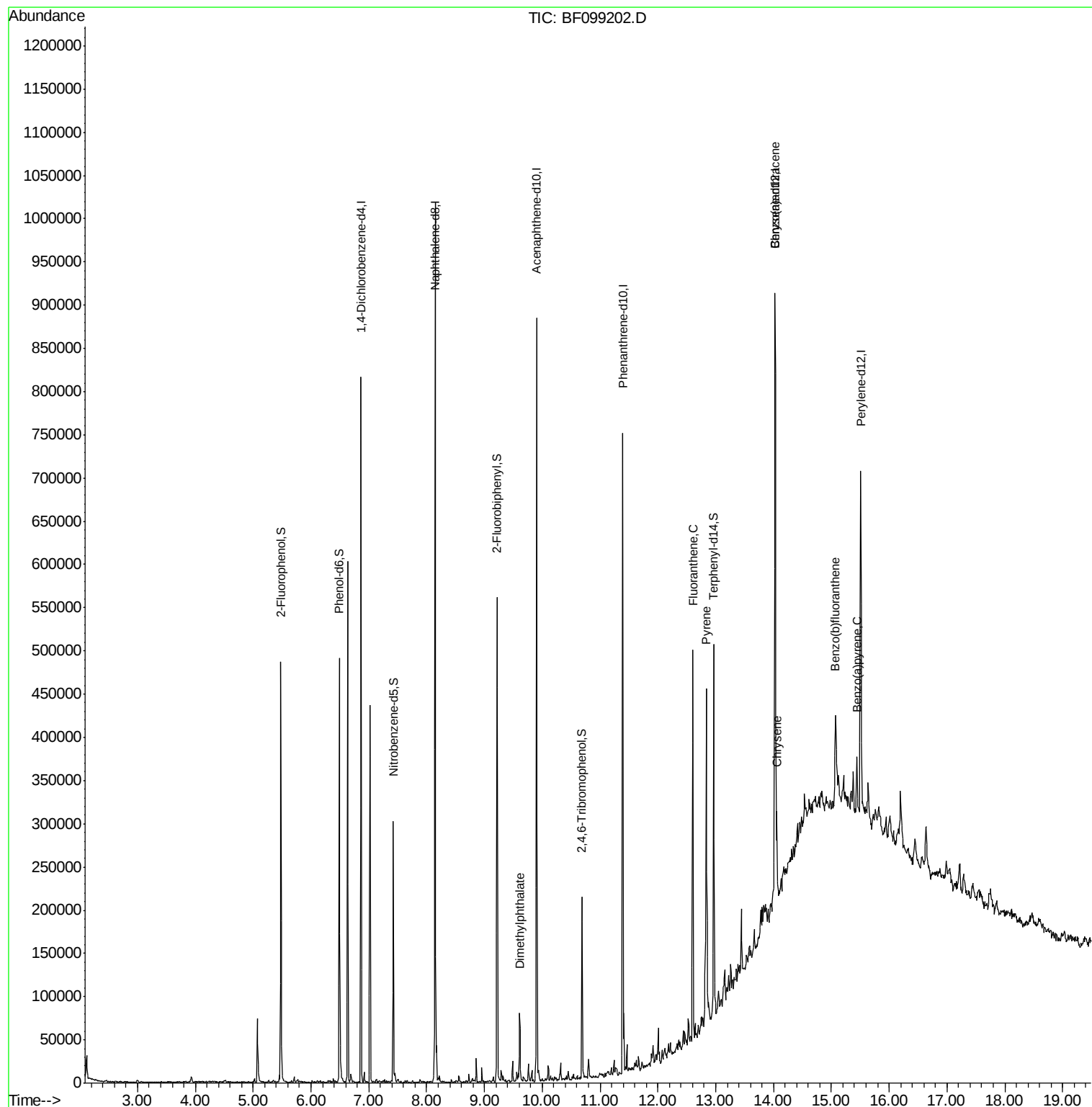
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
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ALS Vial : 19 Sample Multiplier: 1

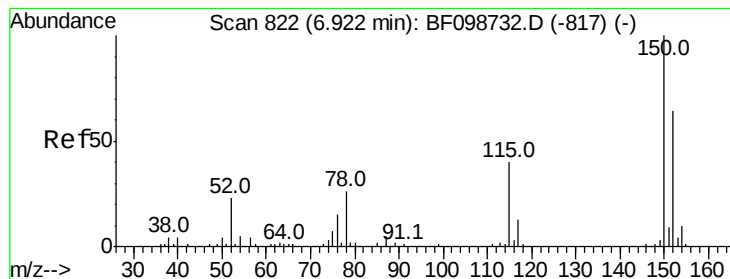
Instrument :
BNA_F
ClientSampled :
G47A-2.5-5

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#1

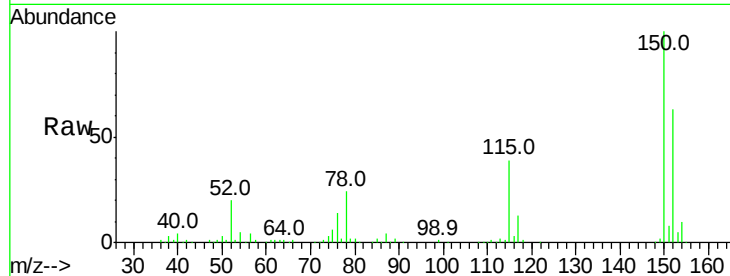
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF099202.D
Acq: 7 Oct 2017 18:56

Instrument :
BNA_F
ClientSampleId :
G47A-2.5-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	61.5	50.1	75.1

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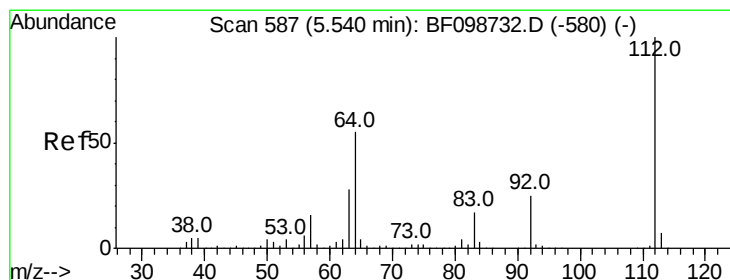
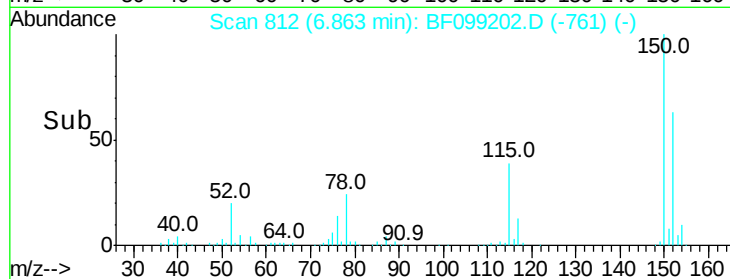
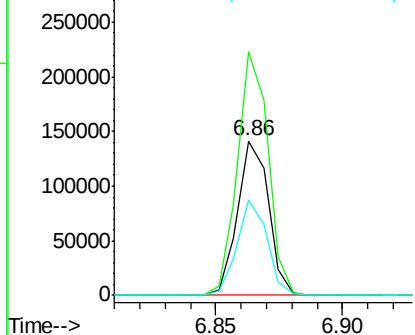


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

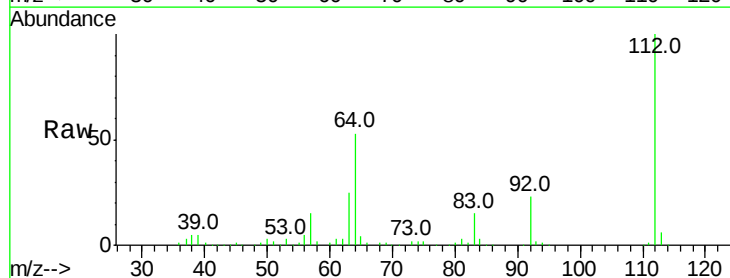
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.578 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF099202.D
Acq: 7 Oct 2017 18:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	24.8	23.7	35.5

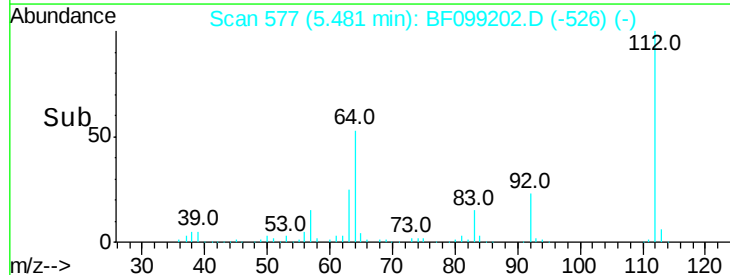
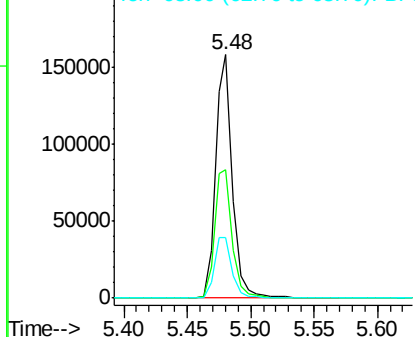


Abundance

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: 18.691 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099202.D

Acq: 7 Oct 2017 18:56

Instrument :

BNA_F

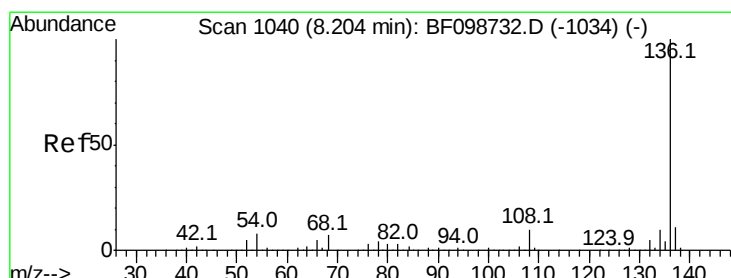
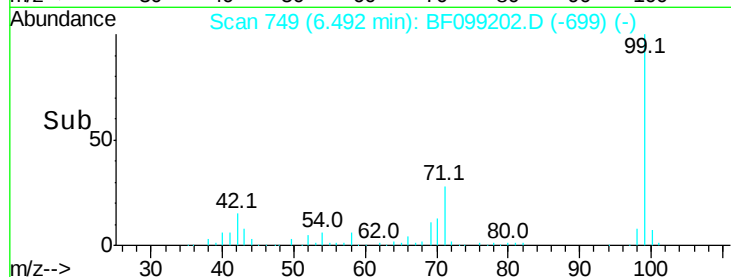
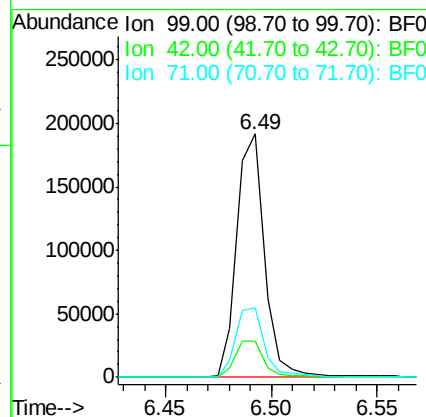
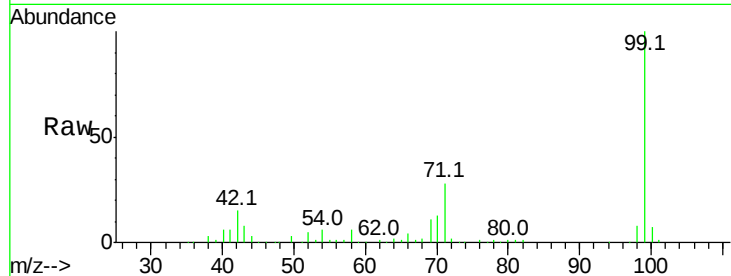
ClientSampled :

G47A-2.5-5

Tot Ion:	99	Resp:	174044
Ion Ratio	Lower	Upper	
99	100		
42	14.7	14.5	21.7
71	28.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

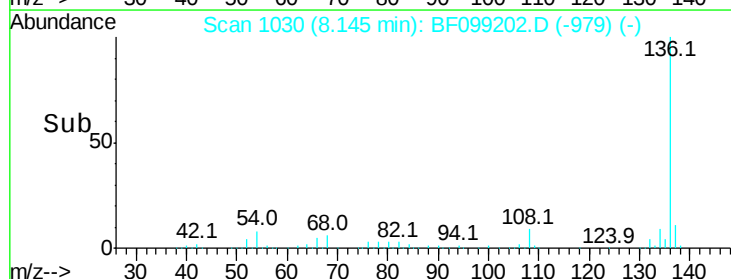
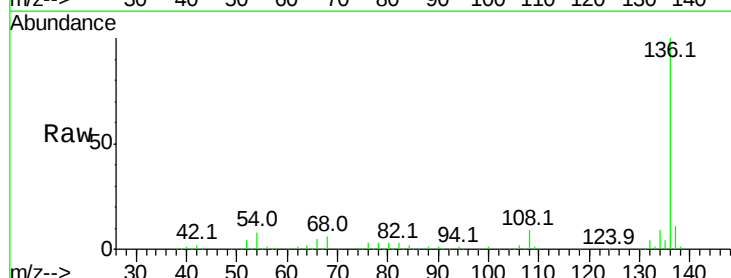
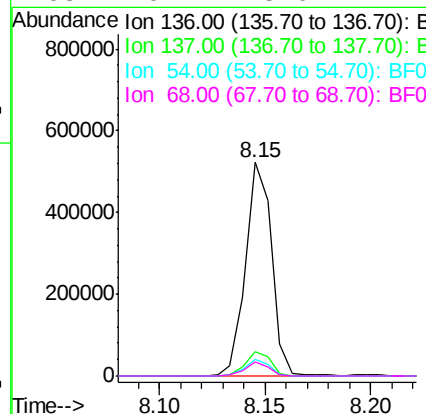
RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF099202.D

Acq: 7 Oct 2017 18:56

Tgt Ion:	136	Resp:	446390
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.8	6.6	9.8
68	6.4	5.0	7.4





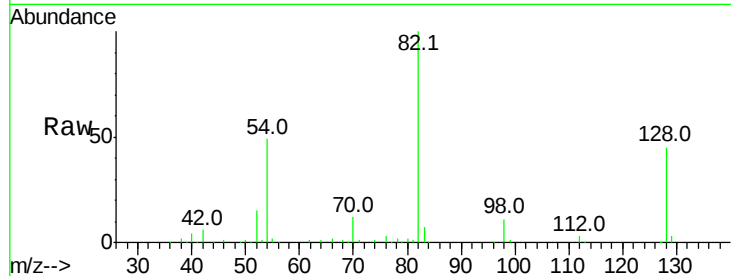
#23
 Nitrobenzene-d5
 Concen: 13.100 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF099202.D
 Acq: 7 Oct 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 G47A-2.5-5

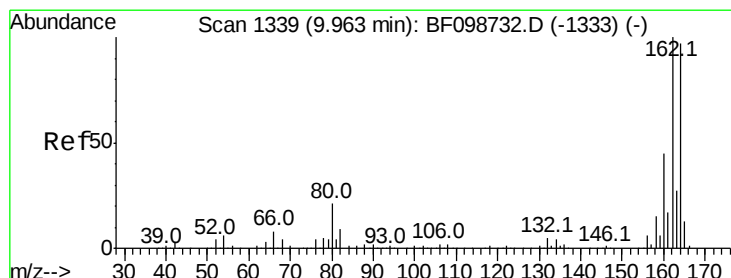
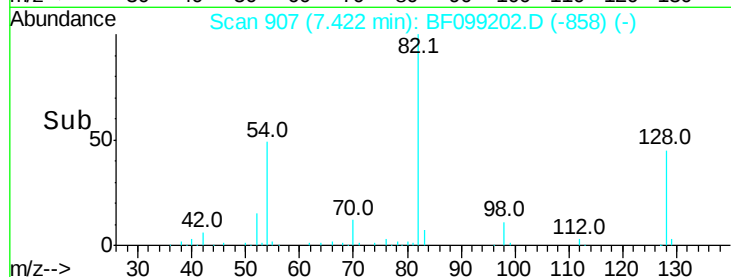
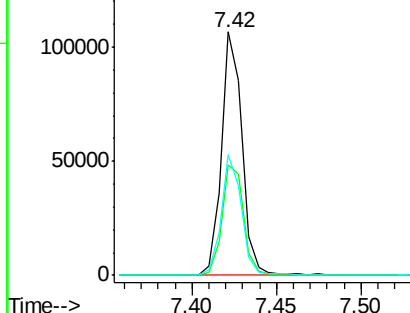
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	49.4	41.4	62.2

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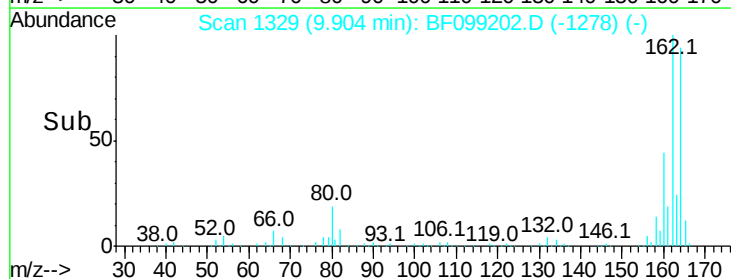
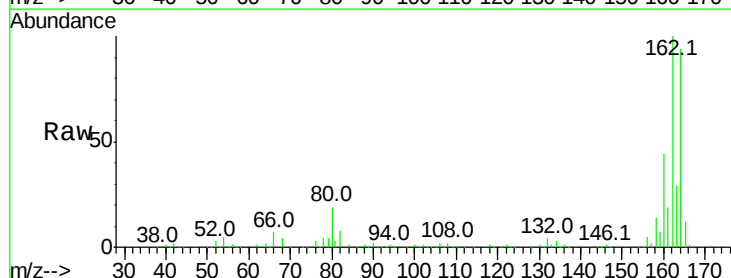
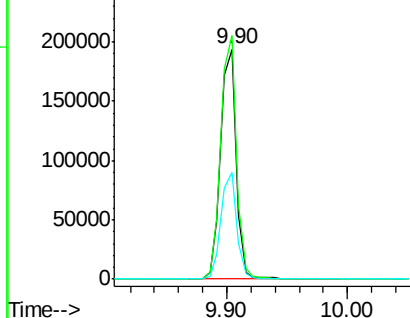
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: BF099202.D
 Acq: 7 Oct 2017 18:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.1	86.1	129.1
160	46.7	38.3	57.5

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: 15.428 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF099202.D

Acq: 7 Oct 2017 18:56

Instrument :

BNA_F

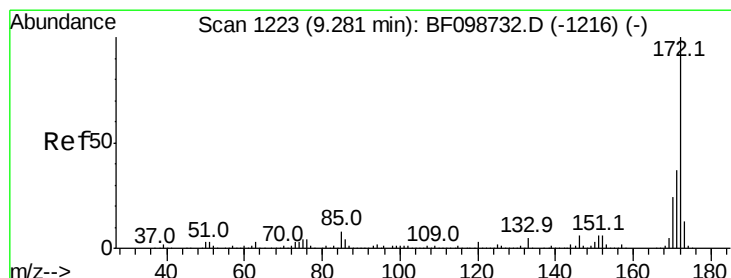
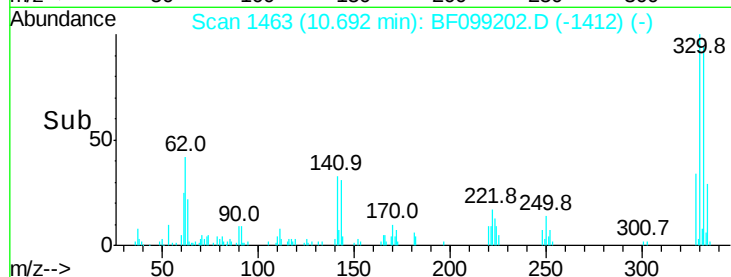
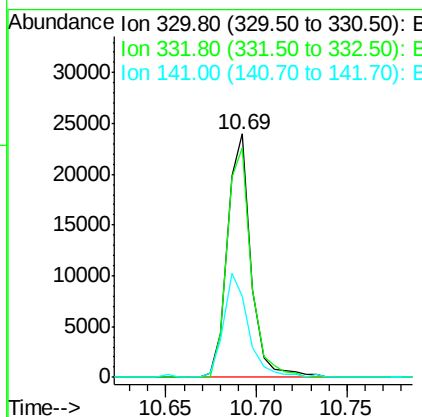
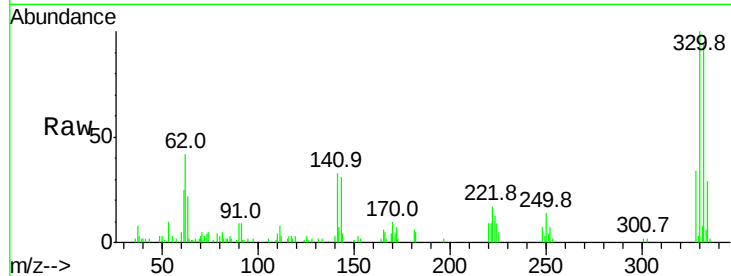
ClientSampleId :

G47A-2.5-5

Tot Ion:	330	Resp:	21795
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.0	115.6
141	45.0	29.9	44.9#

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#44

2-Fluorobiphenyl

Concen: 16.644 ng

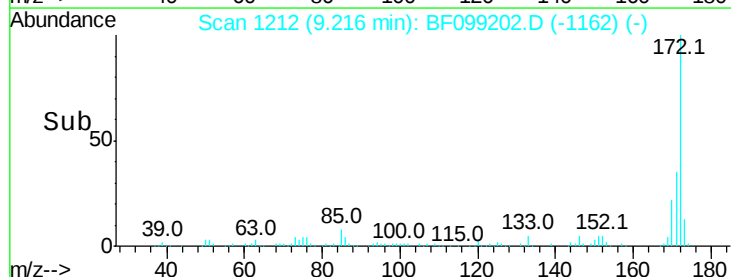
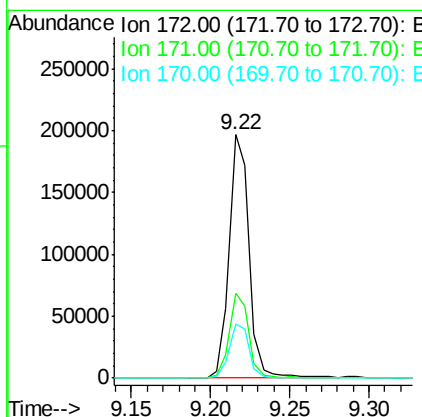
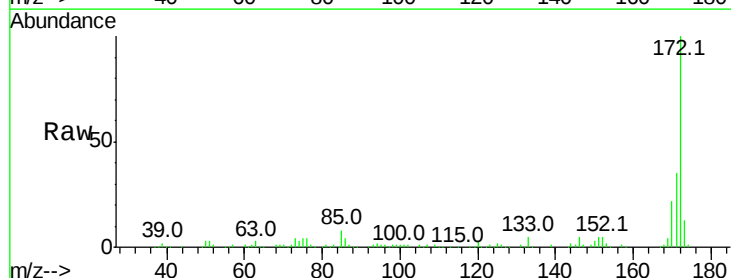
RT: 9.22 min Scan# 1212

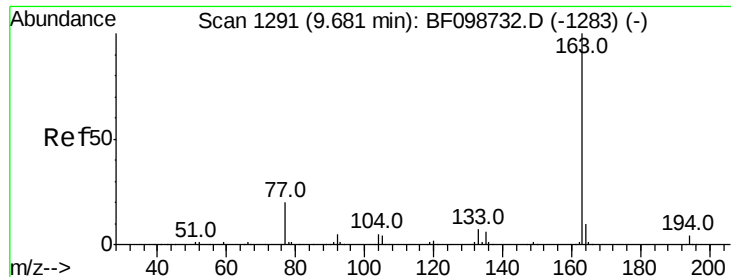
Delta R.T. -0.01 min

Lab File: BF099202.D

Acq: 7 Oct 2017 18:56

Tgt Ion:	172	Resp:	172131
Ion Ratio	Lower	Upper	
172	100		
171	34.6	29.7	44.5
170	22.2	19.6	29.4





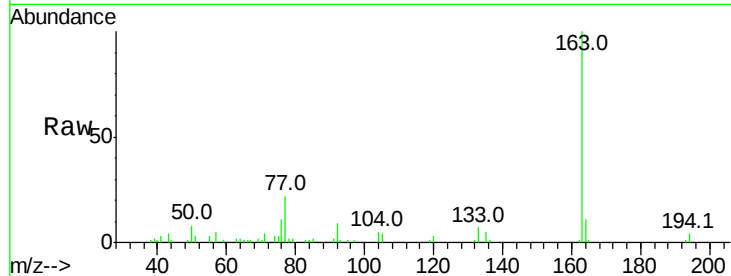
#49
Dimethylphthalate
Concen: 2.203 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF099202.D
Acq: 7 Oct 2017 18:56

Instrument :
BNA_F
ClientSampleId :
G47A-2.5-5

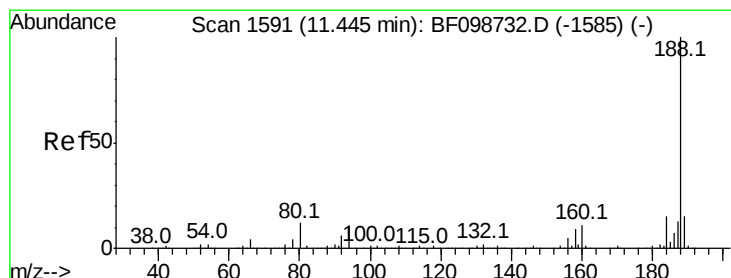
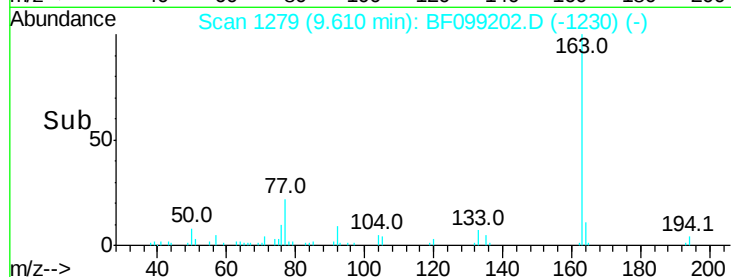
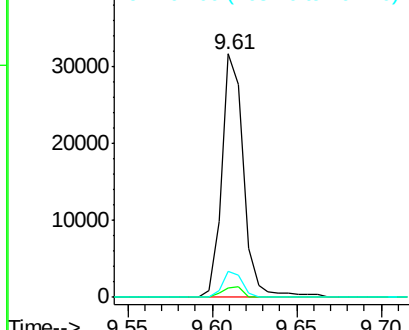
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.8	8.2	12.2

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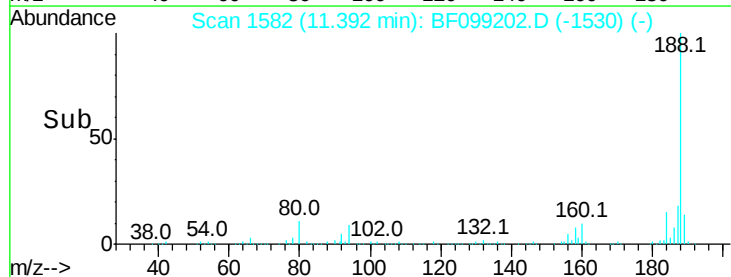
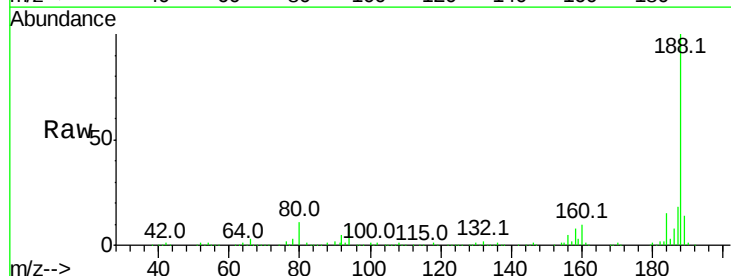
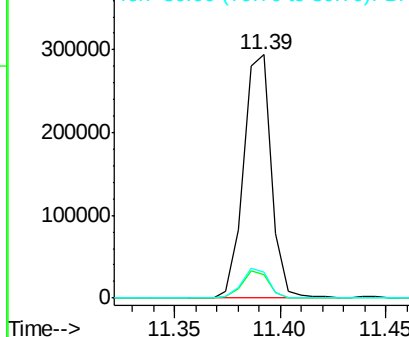
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

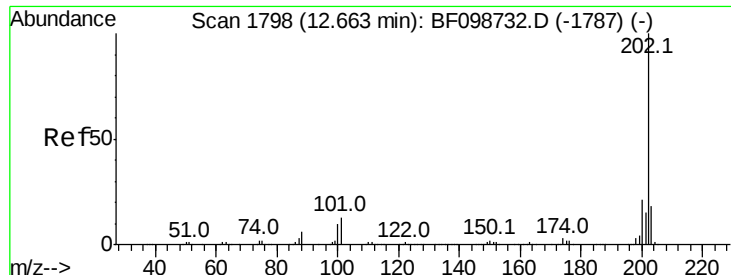


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF099202.D
Acq: 7 Oct 2017 18:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.6	9.2	13.8

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: 11.185 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF099202.D

Acq: 7 Oct 2017 18:56

Instrument :

BNA_F

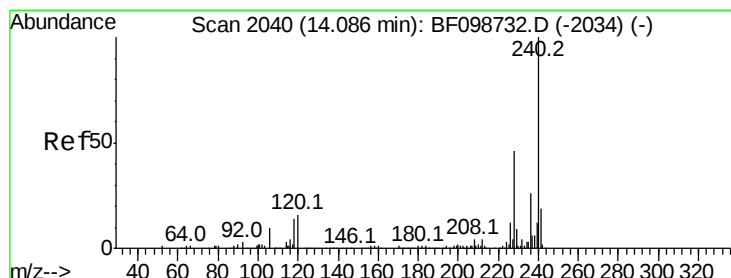
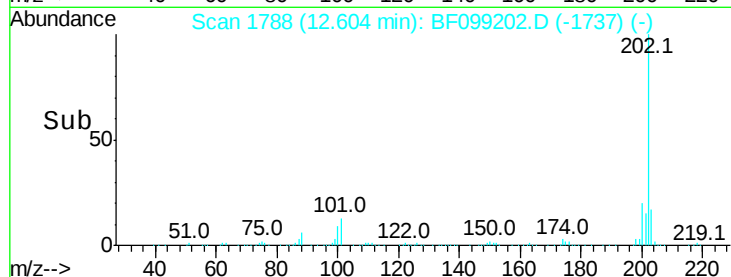
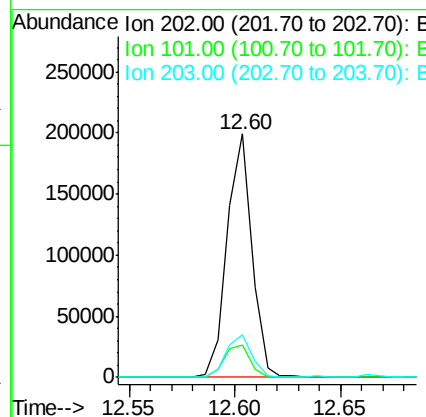
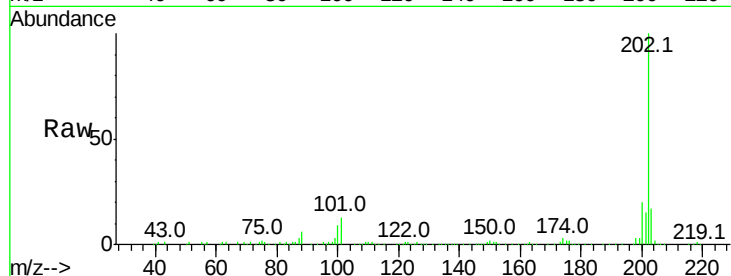
ClientSampled :

G47A-2.5-5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	0.0	34.1
203	17.3	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

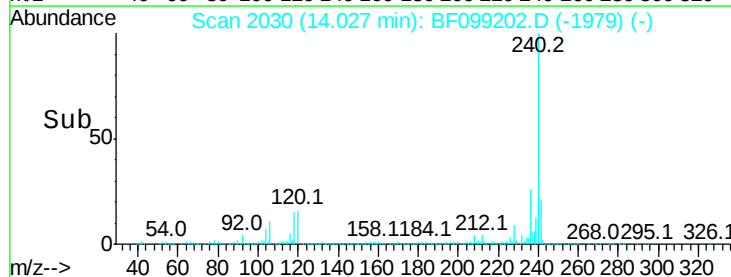
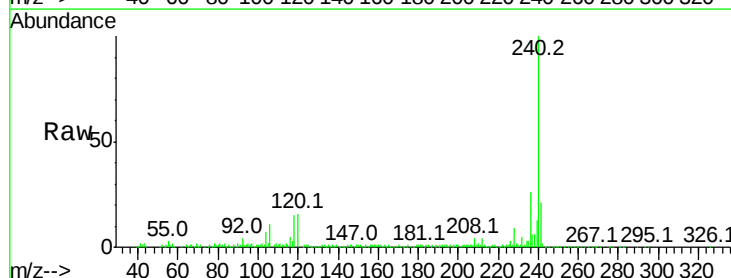
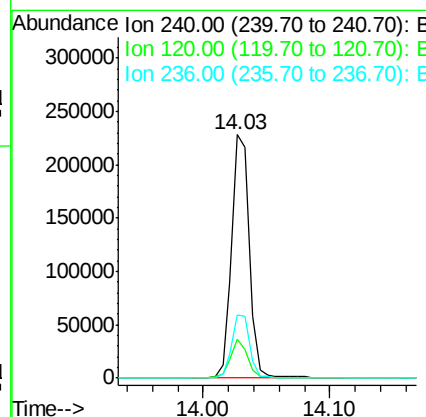
RT: 14.03 min Scan# 2030

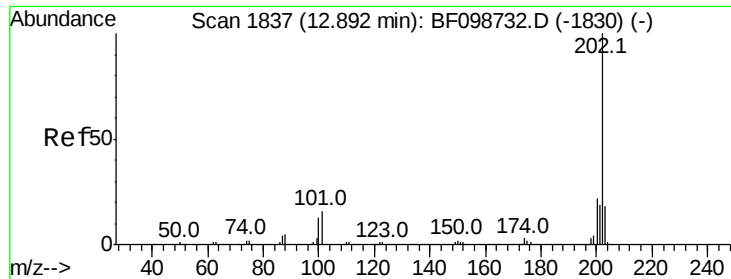
Delta R.T. -0.00 min

Lab File: BF099202.D

Acq: 7 Oct 2017 18:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.9	9.5	14.3#
236	26.0	20.7	31.1





#77

Pvrene

Concen: 8.725 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF099202.D

Acq: 7 Oct 2017 18:56

Instrument :

BNA_F

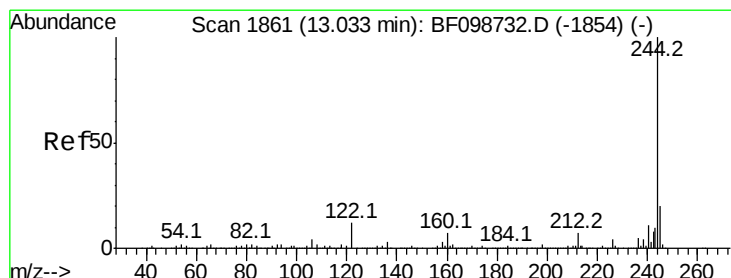
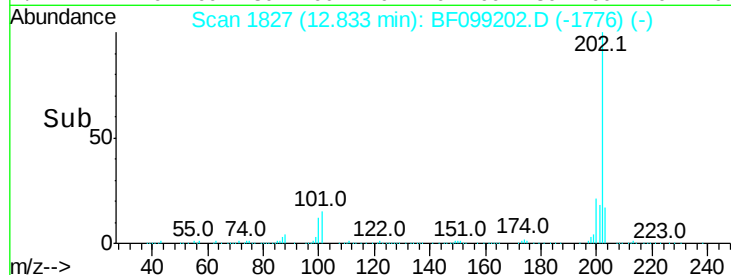
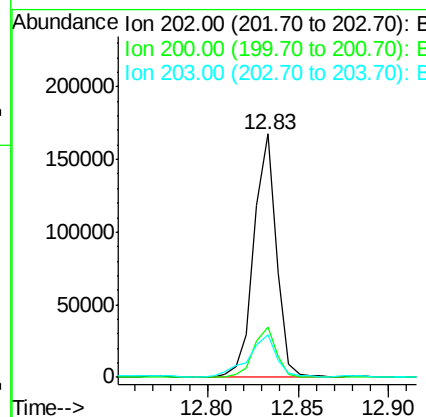
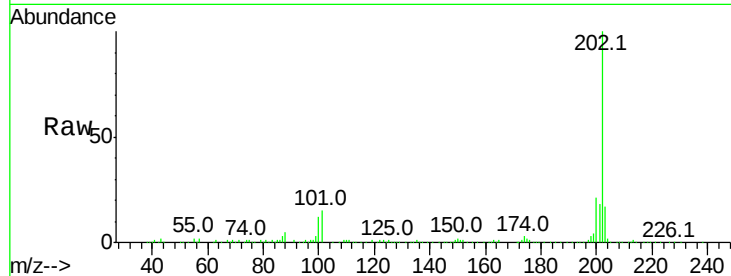
ClientSampleId :

G47A-2.5-5

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.7	17.4	26.2	
203	17.3	14.3	21.5	

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#78

Terphenyl-d14

Concen: 12.379 ng

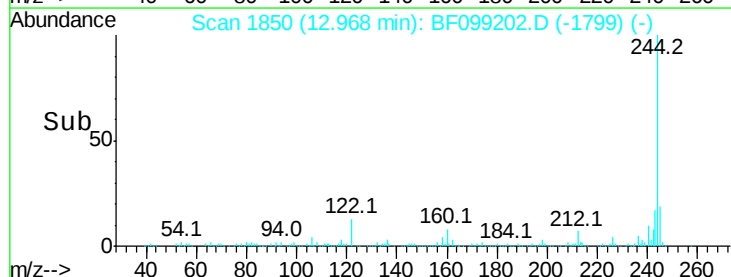
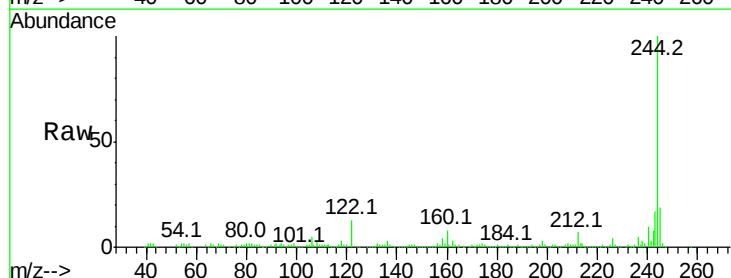
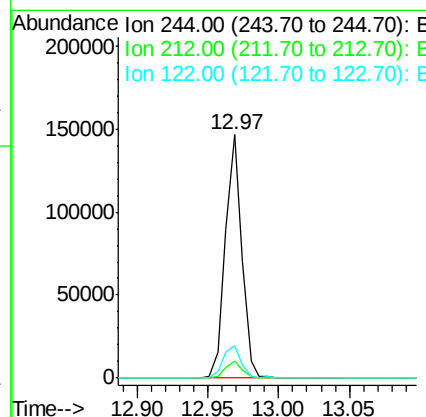
RT: 12.97 min Scan# 1850

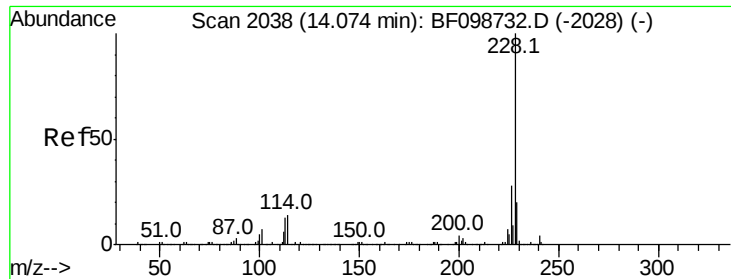
Delta R.T. -0.00 min

Lab File: BF099202.D

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Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	5.4	8.0	
122	13.2	11.0	16.4	





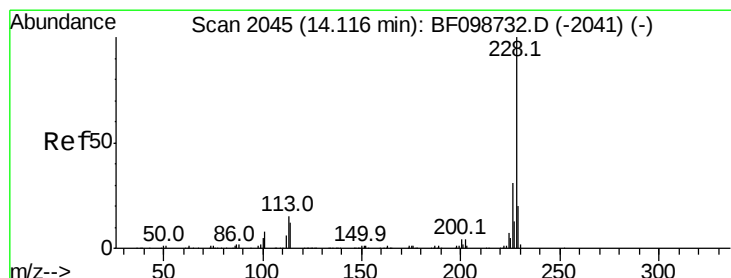
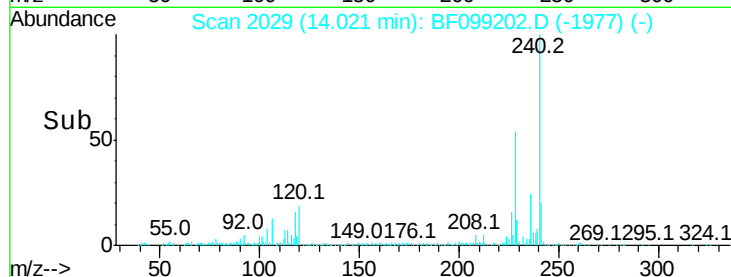
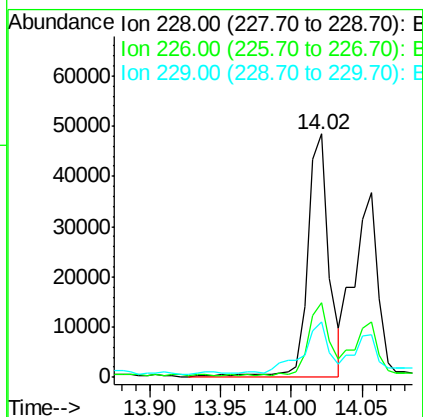
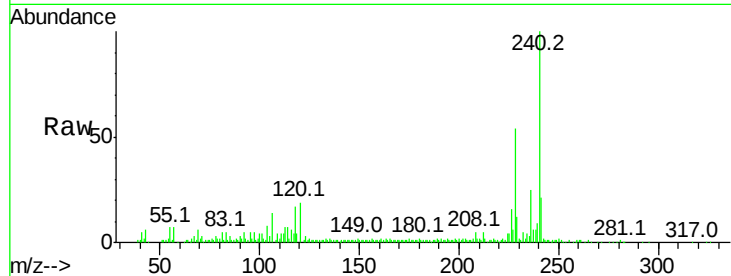
#80
Benzo(a)anthracene
Concen: 3.864 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099202.D
Acq: 7 Oct 2017 18:56

Instrument :
BNA_F
ClientSampleId :
G47A-2.5-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	22.6	15.8	23.6

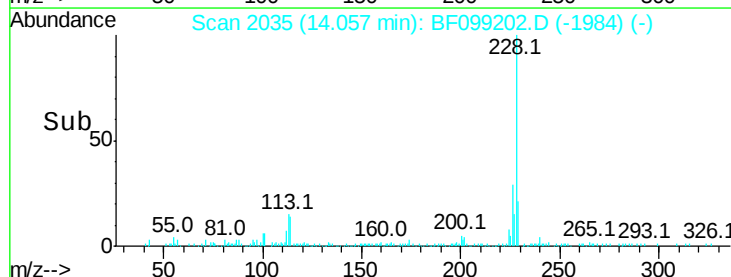
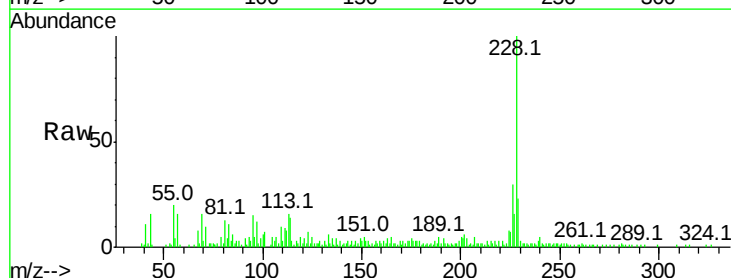
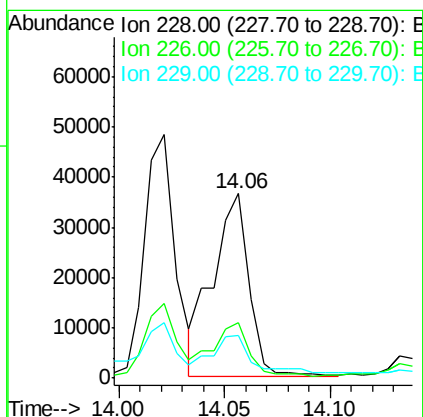
Manual Integrations
APPROVED

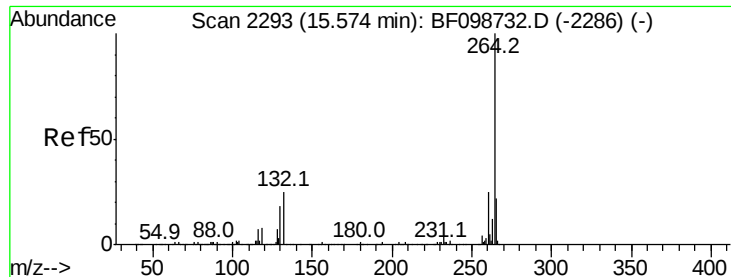
Sohil
10/9/2017 6:34:21 PM



#82
Chrysene
Concen: 3.472 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF099202.D
Acq: 7 Oct 2017 18:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	23.4	16.2	24.4





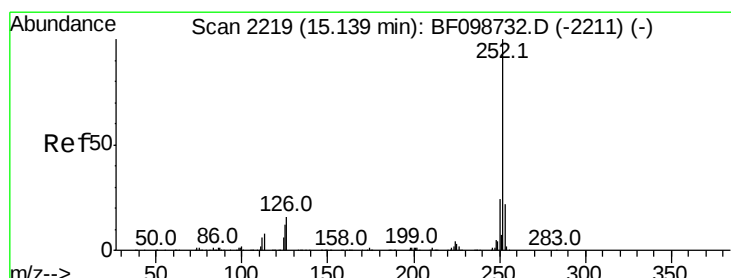
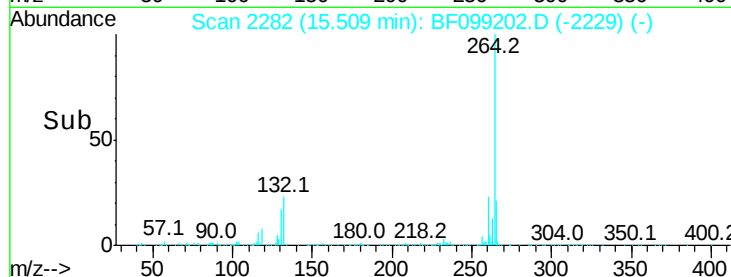
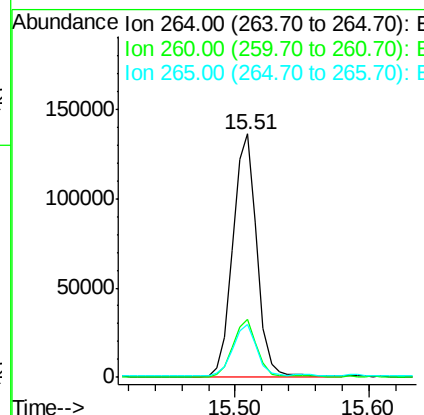
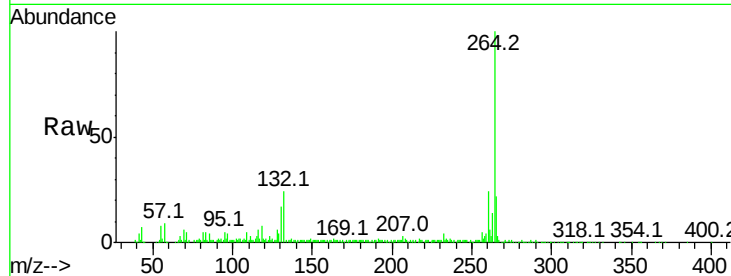
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099202.D
Acq: 7 Oct 2017 18:56

Instrument :
BNA_F
ClientSampleId :
G47A-2.5-5

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.8	19.2	28.8	
265	21.6	17.5	26.3	

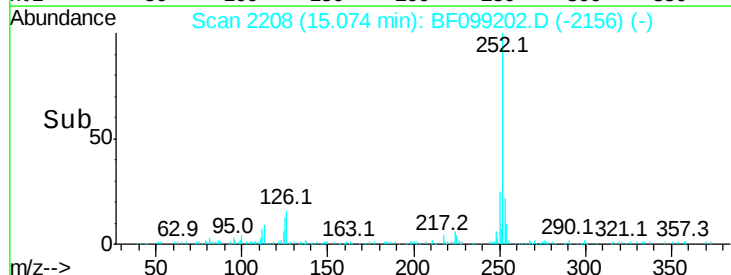
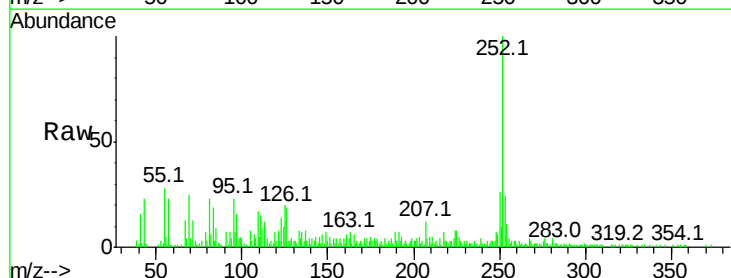
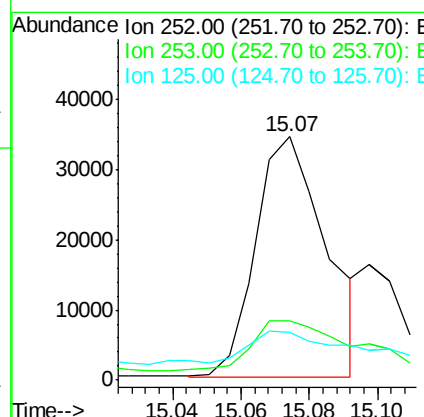
Manual Integrations
APPROVED

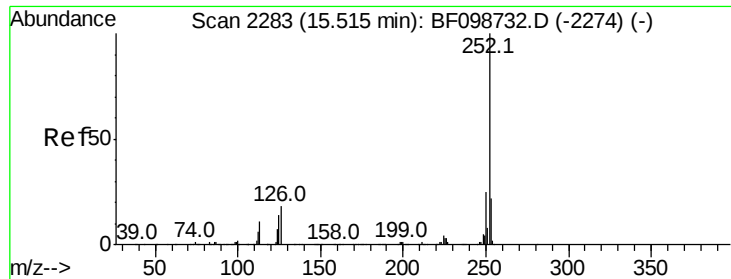
Sohil
10/9/2017 6:34:21 PM



#87
Benzo(b)fluoranthene
Concen: 4.645 ng m
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF099202.D
Acq: 7 Oct 2017 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.4	17.0	25.6	
125	19.7	9.0	13.6	





#89
 Benzo(a)pyrene
 Concen: 2.296 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099202.D
 Acq: 7 Oct 2017 18:56

Instrument :
 BNA_F
 ClientSampleId :
 G47A-2.5-5

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	27.3	17.1	25.7#
125	25.7	9.8	14.6#

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:34:21 PM

