

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109930.D
 Acq On : 17 Oct 2018 19:54
 Operator : JU/SJ
 Sample : J5200-11 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101618-B

Manual Integrations
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Quant Time: Oct 18 11:13:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	273267	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1073628	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	469851	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	746024	20.00	ng	0.00
76) Chrysene-d12	14.15	240	613535	20.00	ng	-0.01
87) Perylene-d12	15.68	264	669183	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	644818	37.40	ng	-0.01
7) Phenol-d6	6.59	99	804138	37.56	ng	-0.02
23) Nitrobenzene-d5	7.53	82	452457	28.39	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	138477	34.04	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	720244	24.46	ng	0.00
79) Terphenyl-d14	13.09	244	537978	18.41	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.72	163	92007	2.765	ng	98
71) Phenanthrene	11.53	178	116680	3.021	ng	99
75) Fluoranthene	12.72	202	133788	3.468	ng	97
78) Pyrene	12.95	202	127849	2.837	ng	99
81) Benzo(a)anthracene	14.14	228	73337	2.029	ng	98
88) Benzo(b)fluoranthene	15.22	252	93649m	2.427	ng	

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

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Misc :
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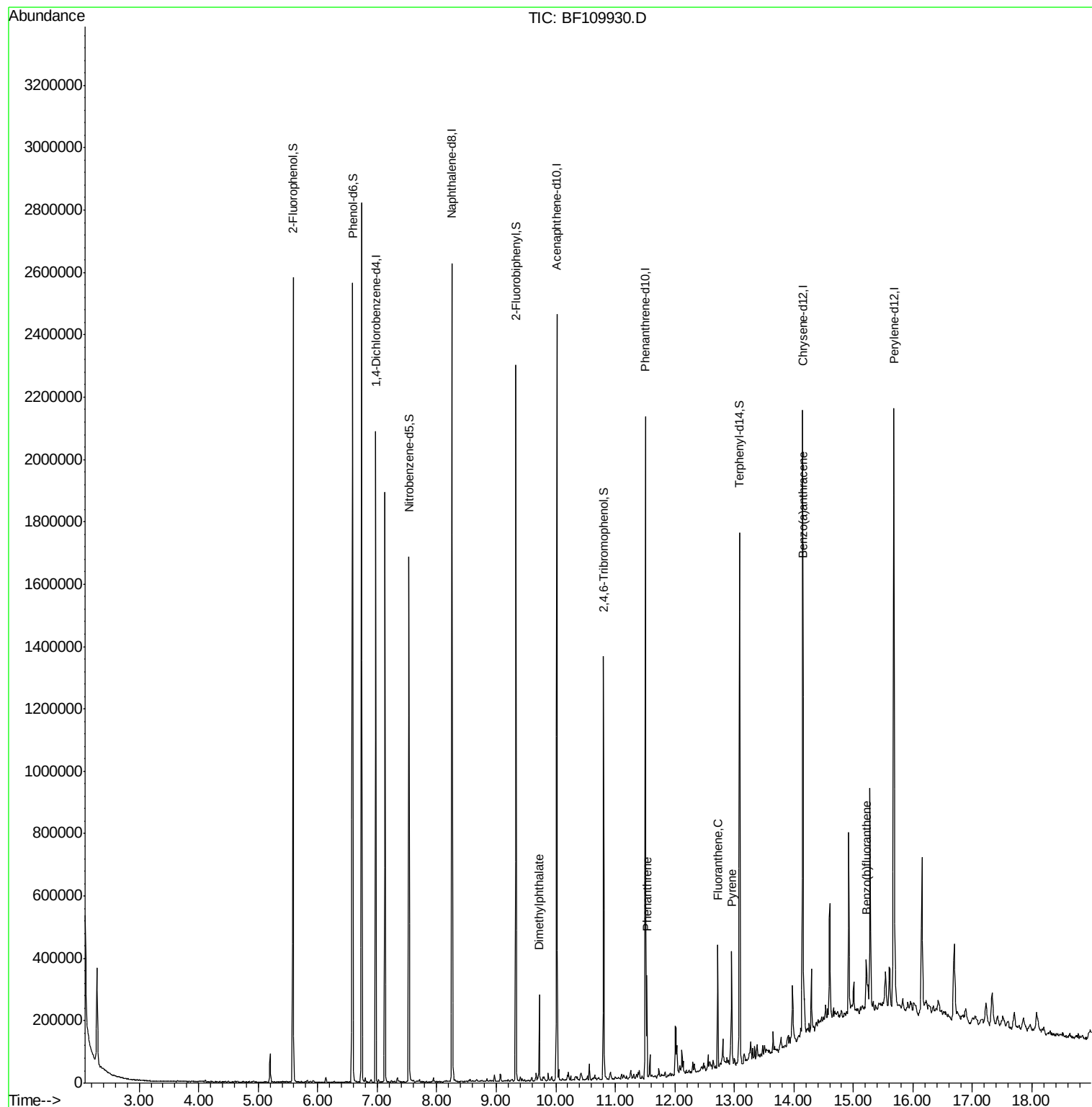
Instrument :
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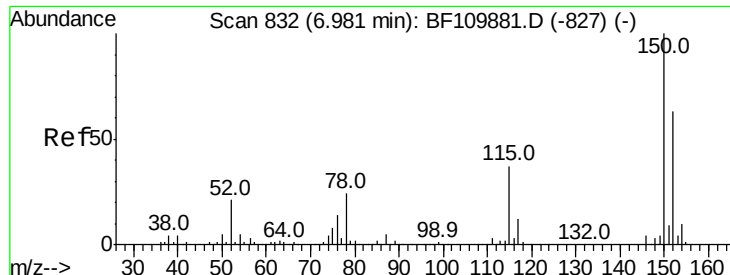
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Quant Time: Oct 18 11:13:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

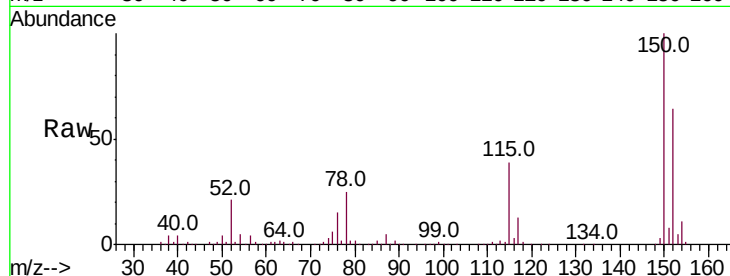
Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	61.7	49.1	73.7

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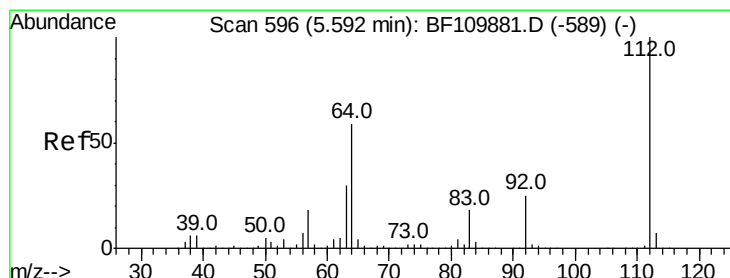
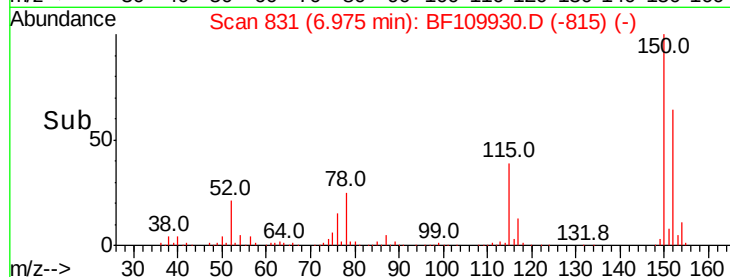
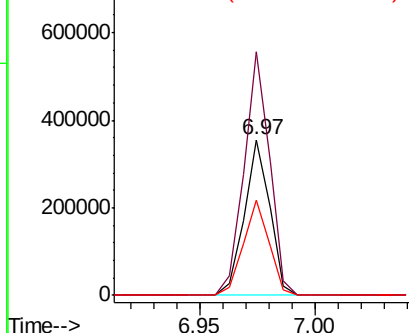


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

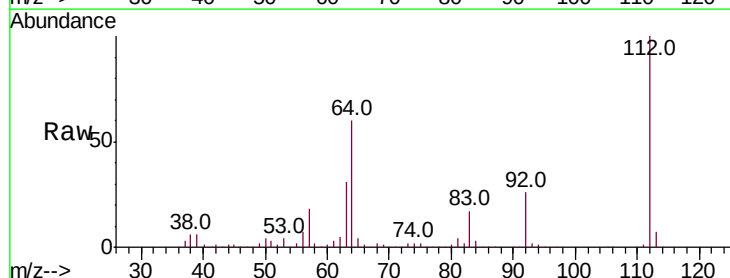
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.404 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF109930.D
Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.1	66.1
63	30.5	23.7	35.5

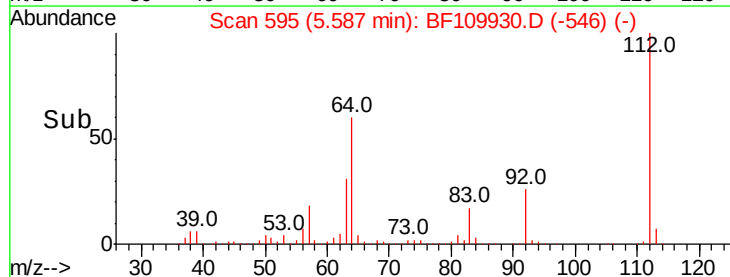
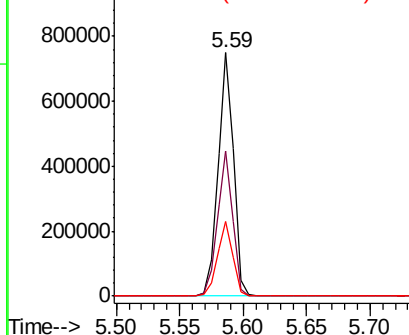


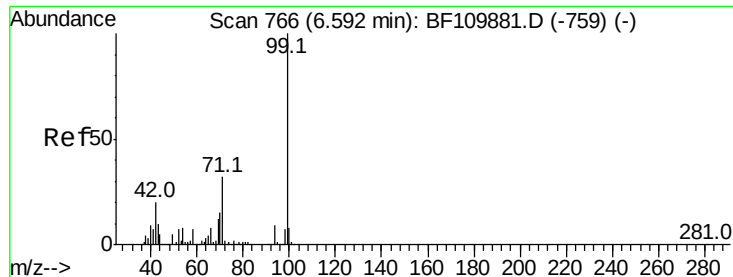
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 37.565 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109930.D

Acq: 17 Oct 2018 19:54

Instrument :

BNA_F

ClientSampleId :

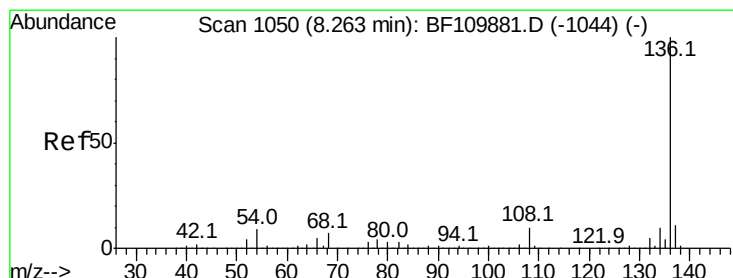
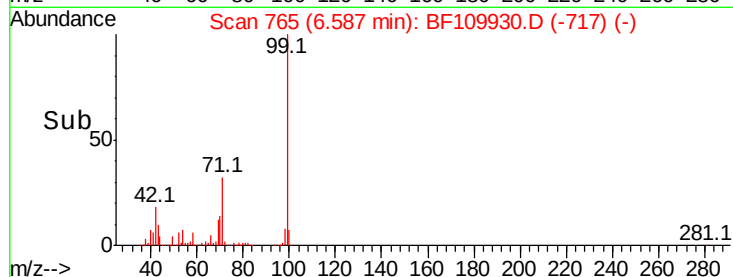
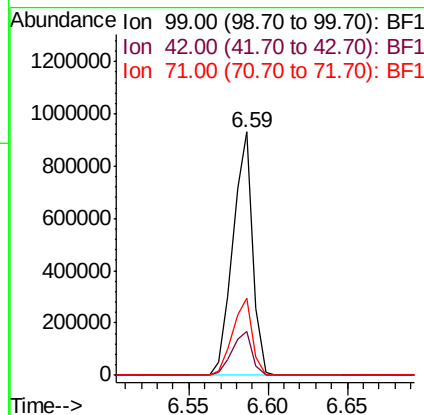
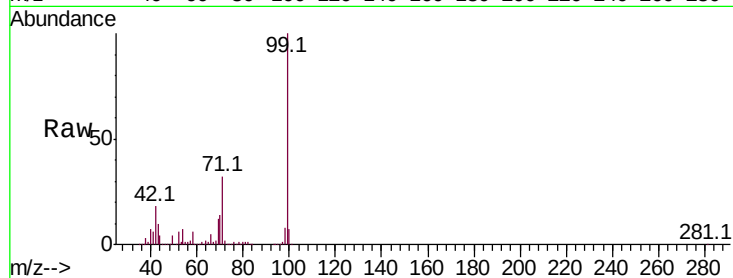
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Tot Ion	99	Resp	804138
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.8	23.6
71	31.7	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

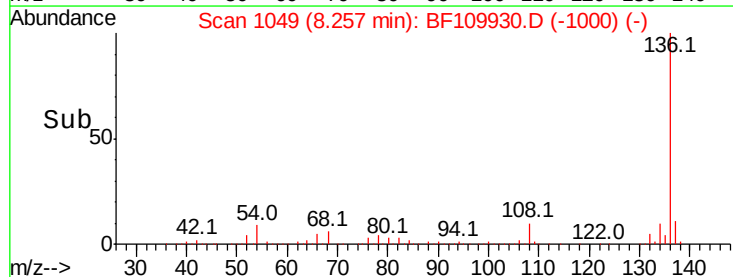
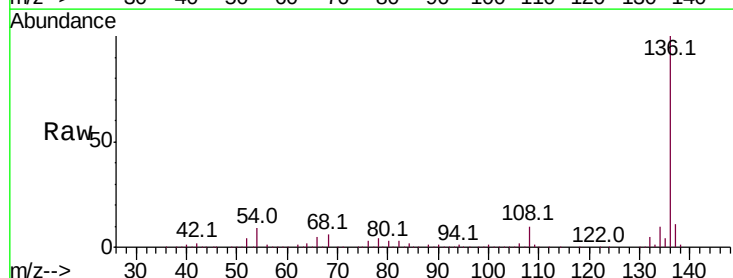
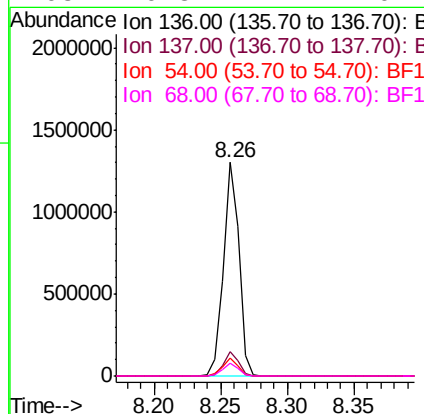
RT: 8.26 min Scan# 1049

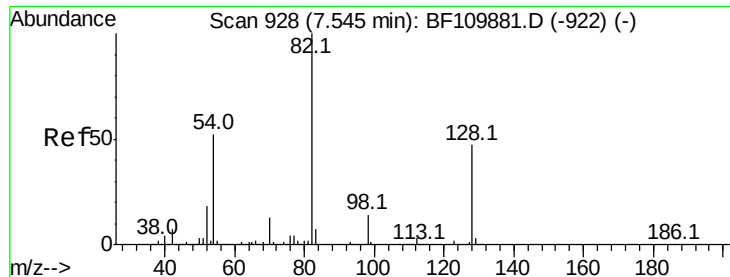
Delta R.T. -0.01 min

Lab File: BF109930.D

Acq: 17 Oct 2018 19:54

Tgt Ion	136	Resp	1073628
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.6	5.4	8.2#
68	6.3	4.2	6.2#





#23
 Nitrobenzene-d5
 Concen: 28.389 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF109930.D
 Acq: 17 Oct 2018 19:54

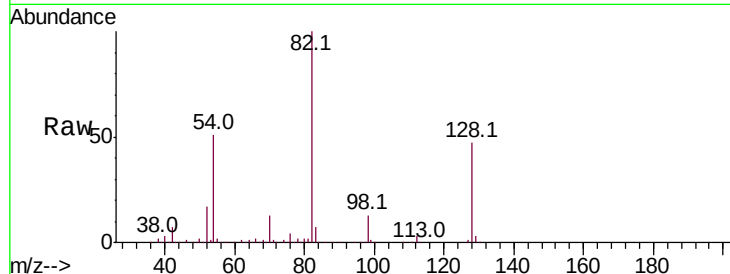
Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101618-B

Tot Ion:	82	Resp:	452457
Ion Ratio	Lower	Upper	
82	100		
128	46.6	34.2	51.2
54	51.5	38.6	58.0

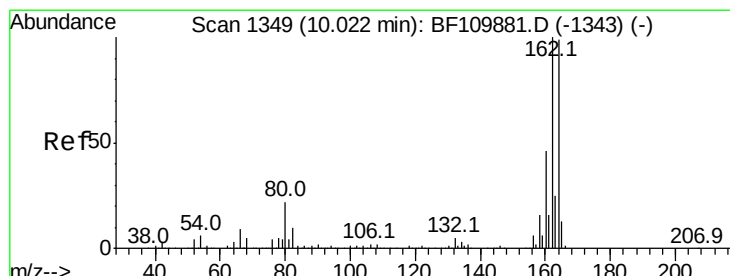
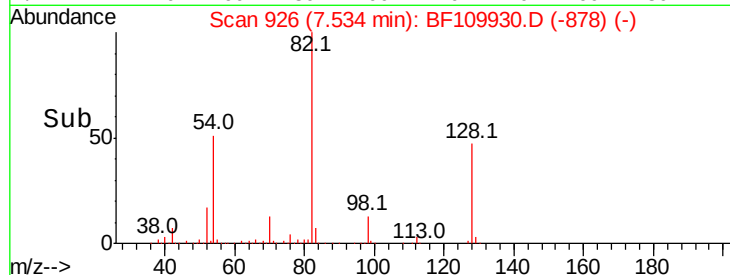
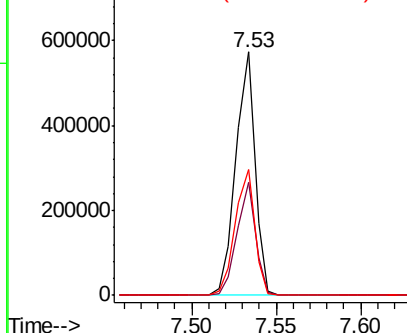
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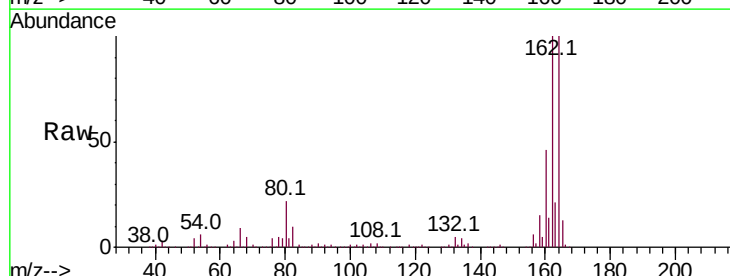


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

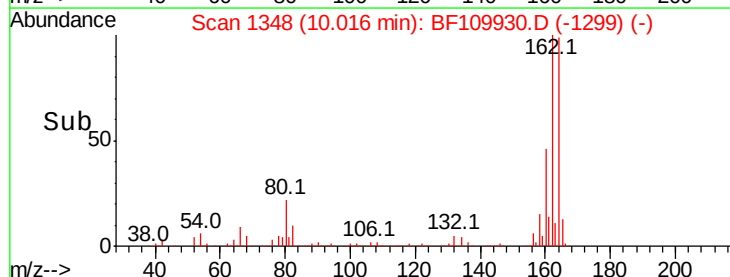
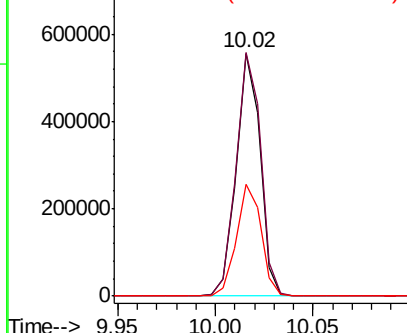


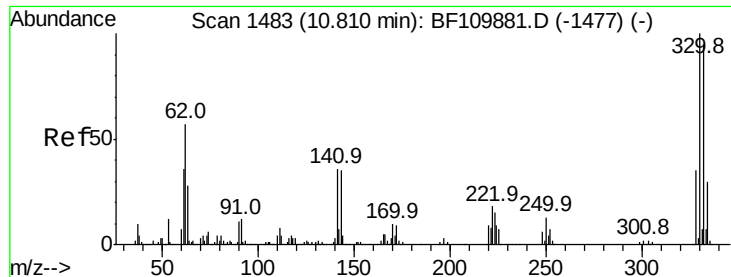
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF109930.D
 Acq: 17 Oct 2018 19:54

Tgt Ion:	164	Resp:	469851
Ion Ratio	Lower	Upper	
164	100		
162	100.3	83.0	124.6
160	46.0	37.0	55.6



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





#42

2,4,6-Tribromophenol

Concen: 34.042 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF109930.D

Acq: 17 Oct 2018 19:54

Instrument :

BNA_F

ClientSampleId :

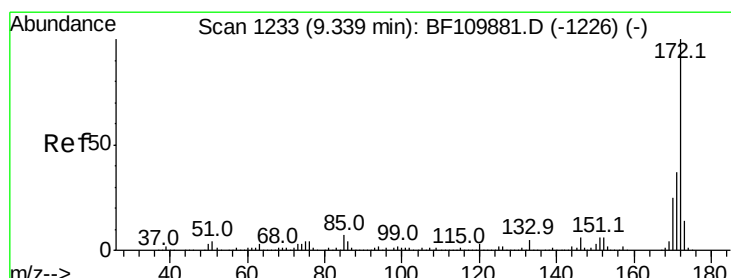
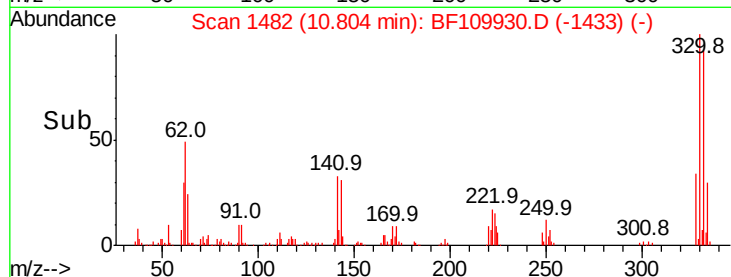
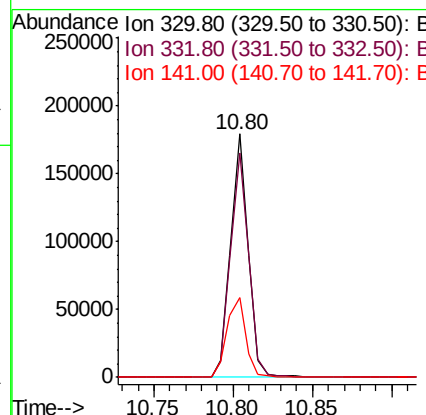
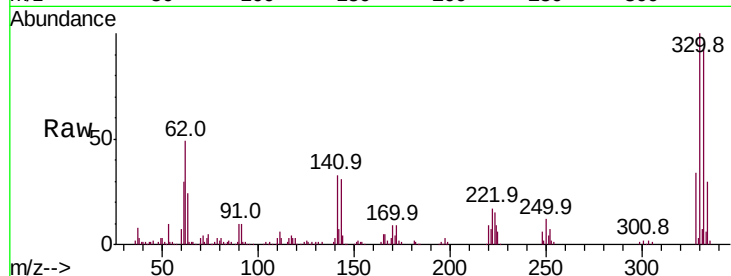
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Tot Ion:	330	Resp:	138477
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.1	115.7
141	35.5	27.0	40.4

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#45

2-Fluorobiphenyl

Concen: 24.460 ng

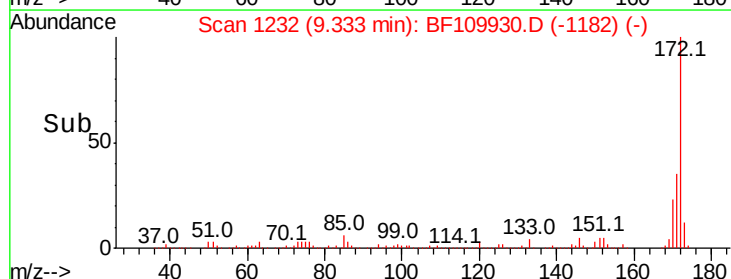
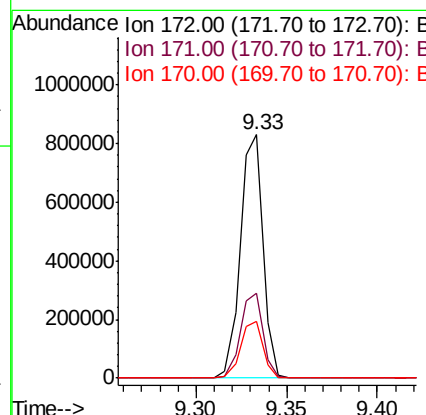
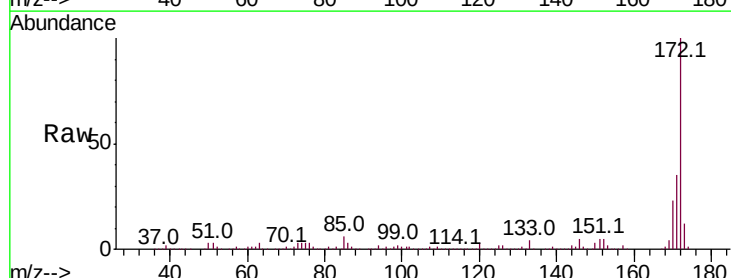
RT: 9.33 min Scan# 1232

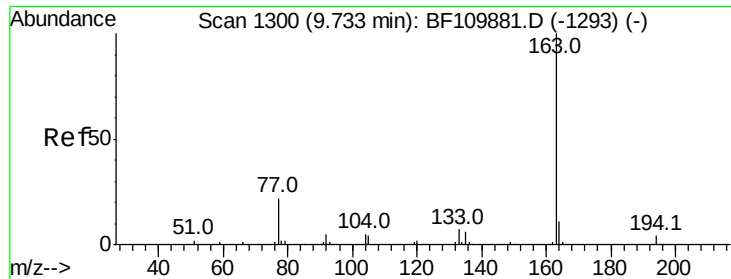
Delta R.T. -0.01 min

Lab File: BF109930.D

Acq: 17 Oct 2018 19:54

Tgt Ion:	172	Resp:	720244
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.6	43.0
170	23.2	19.7	29.5





#50

Dimethylphthalate

Concen: 2.765 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF109930.D

Acq: 17 Oct 2018 19:54

Instrument :

BNA_F

ClientSampleId :

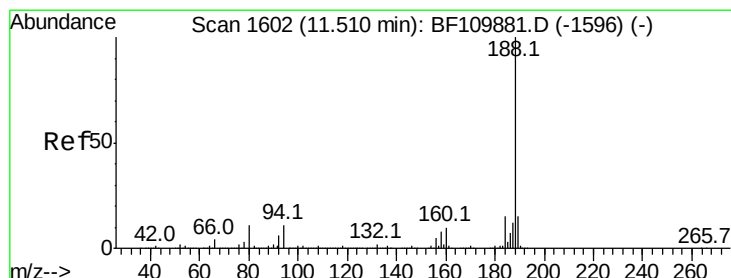
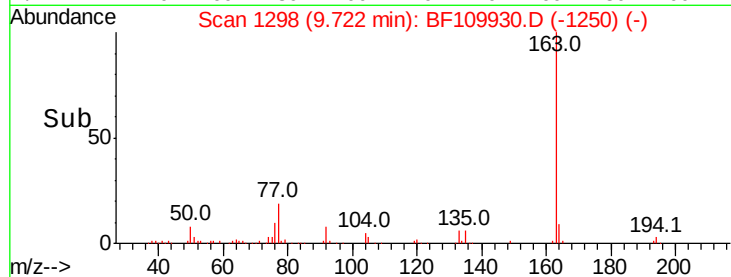
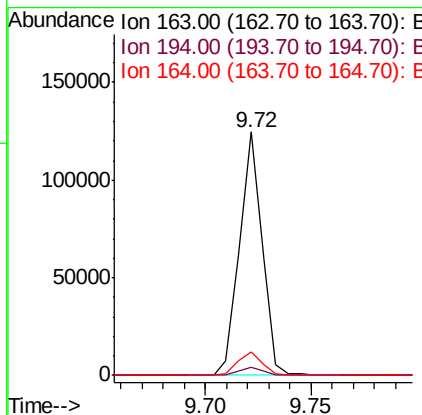
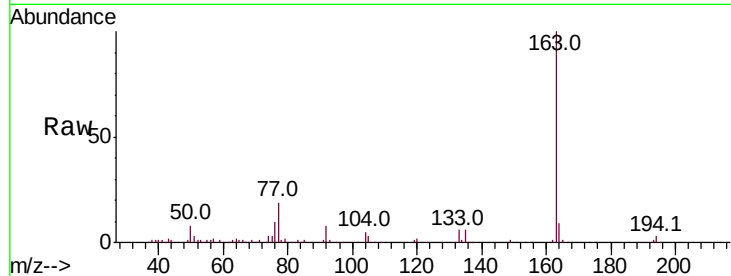
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Tot Ion:	163	Resp:	92007
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.2	4.8
164	9.5	8.1	12.1

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#64

Phenanthrene-d10

Concen: 20.000 ng

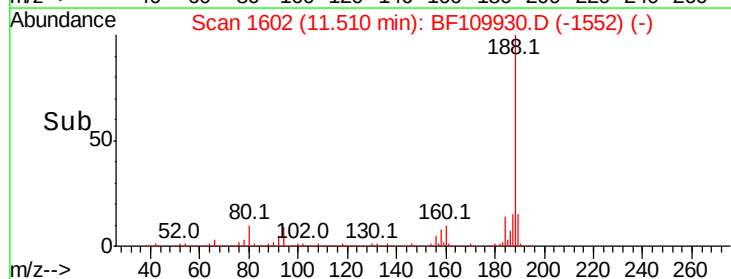
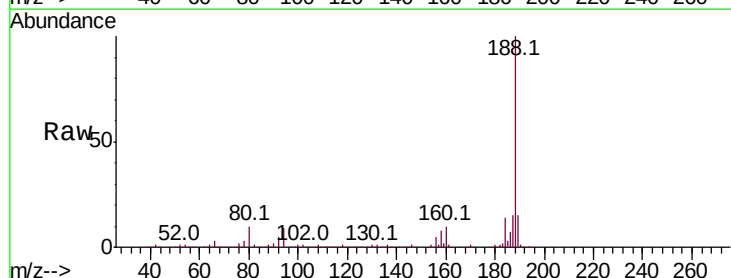
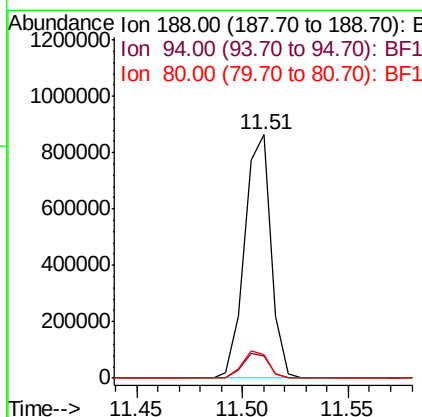
RT: 11.51 min Scan# 1602

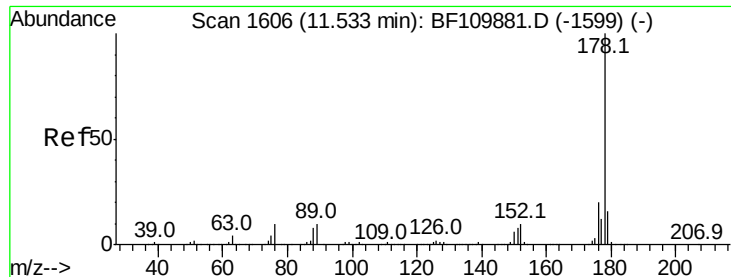
Delta R.T. -0.01 min

Lab File: BF109930.D

Acq: 17 Oct 2018 19:54

Tgt Ion:	188	Resp:	746024
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.2	10.8
80	9.7	7.9	11.9





#71

Phenanthrene

Concen: 3.021 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF109930.D

Acq: 17 Oct 2018 19:54

Instrument :

BNA_F

ClientSampleId :

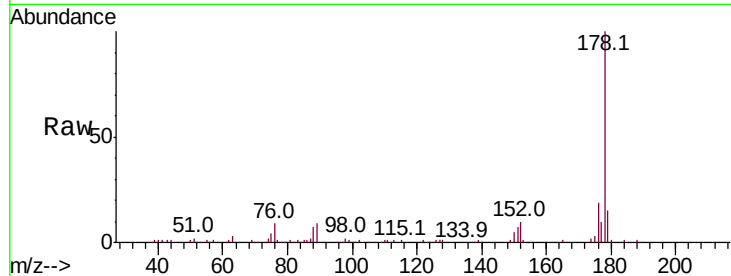
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Tot Ion:	178	Resp:	116680
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.5	23.3
179	15.0	12.5	18.7

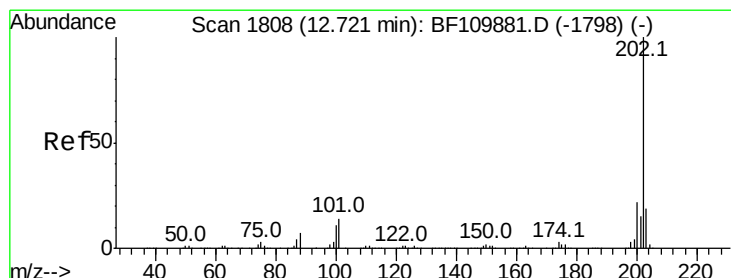
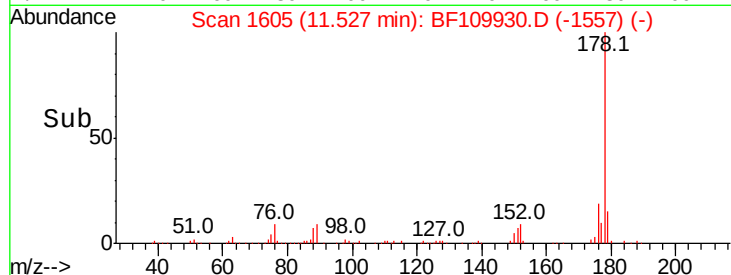
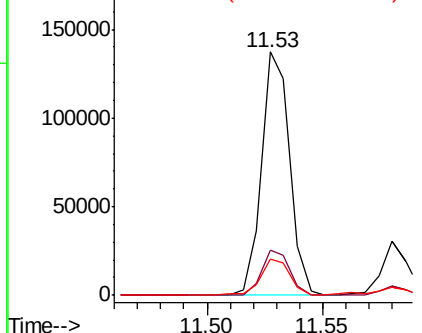
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.468 ng

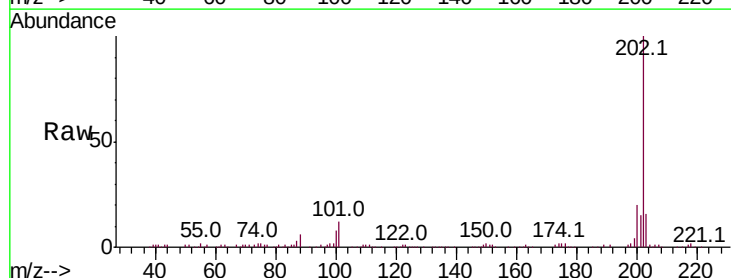
RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

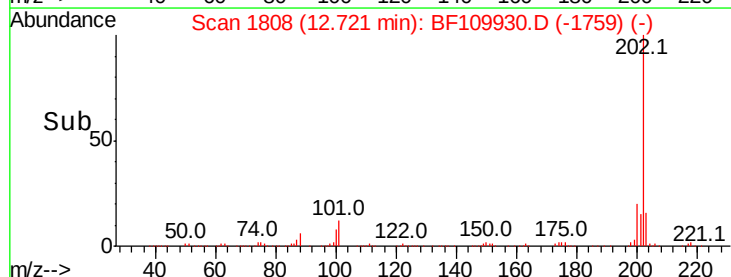
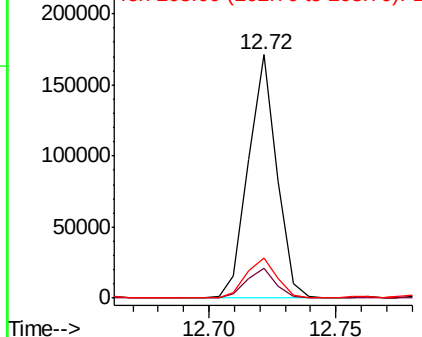
Lab File: BF109930.D

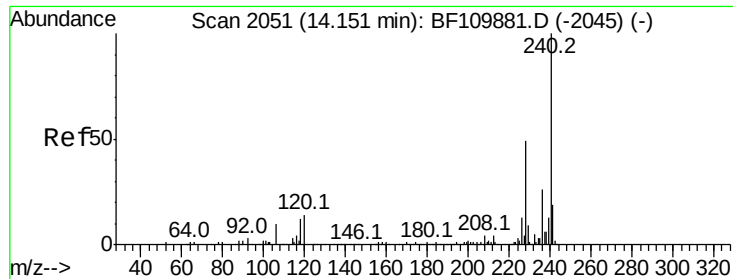
Acq: 17 Oct 2018 19:54

Tgt Ion:	202	Resp:	133788
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	31.4
203	16.5	0.0	37.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF109930.D

Acq: 17 Oct 2018 19:54

Instrument :

BNA_F

ClientSampleId :

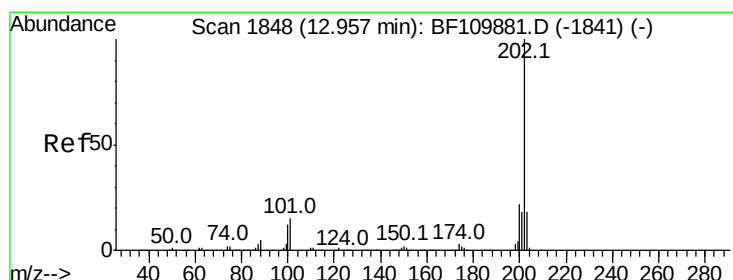
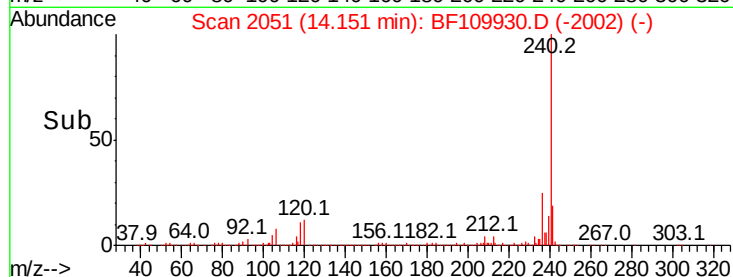
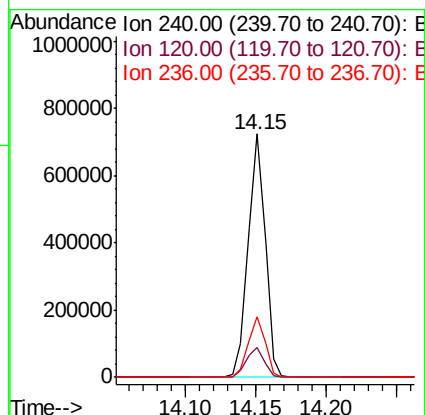
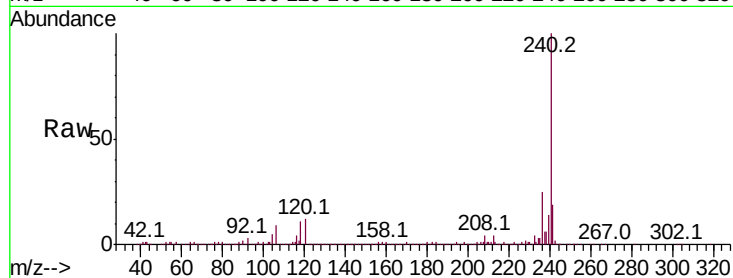
OR-01-101618-B

Tot Ion:	240	Resp:	613535
Ion Ratio	Lower	Upper	
240	100		
120	12.4	8.3	12.5
236	24.8	21.2	31.8

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#78

Pyrene

Concen: 2.837 ng

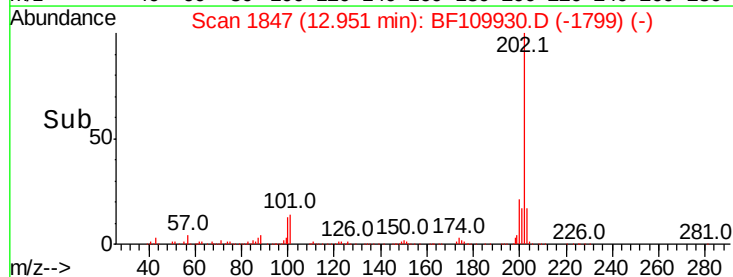
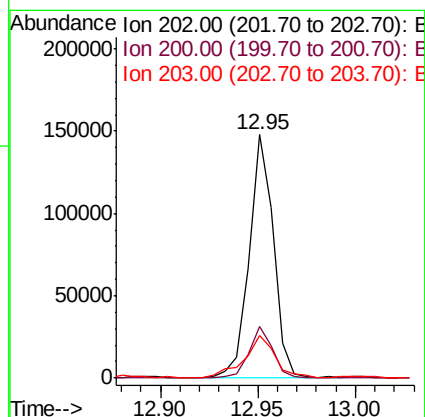
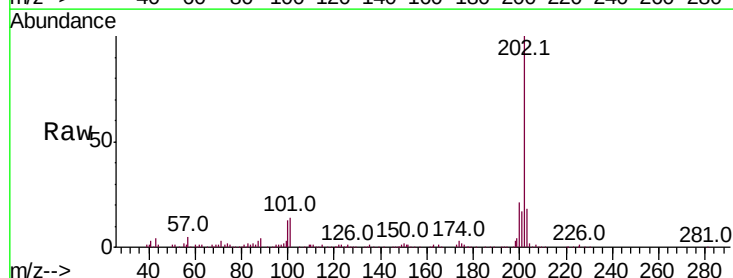
RT: 12.95 min Scan# 1847

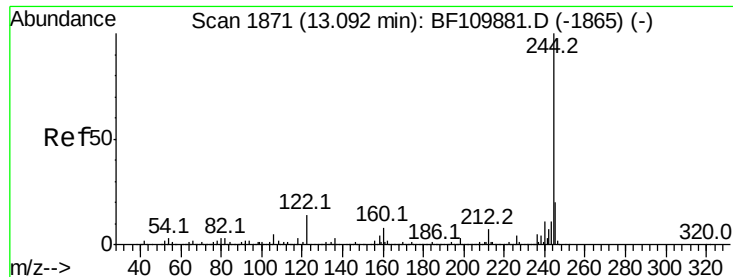
Delta R.T. -0.02 min

Lab File: BF109930.D

Acq: 17 Oct 2018 19:54

Tgt Ion:	202	Resp:	127849
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.8	26.6
203	17.8	14.2	21.4





#79
 Terphenyl-d14
 Concen: 18.413 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF109930.D
 Acq: 17 Oct 2018 19:54

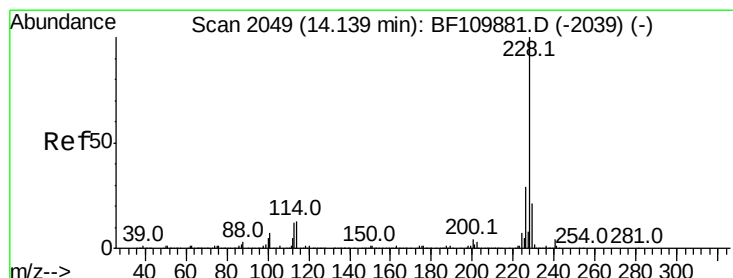
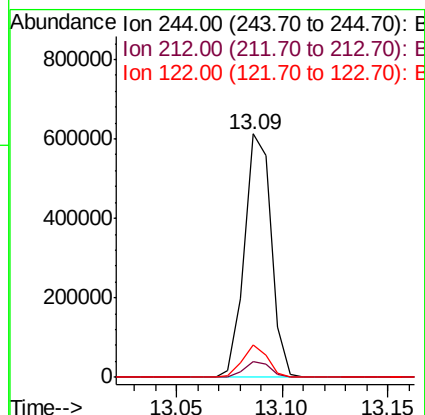
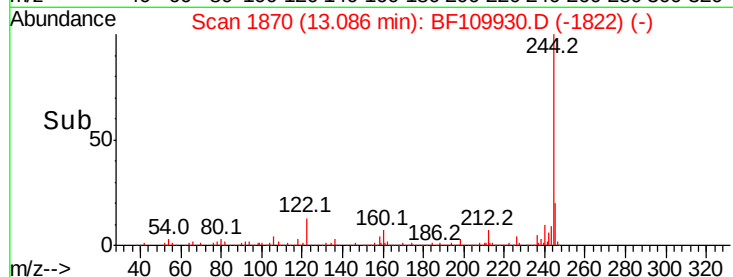
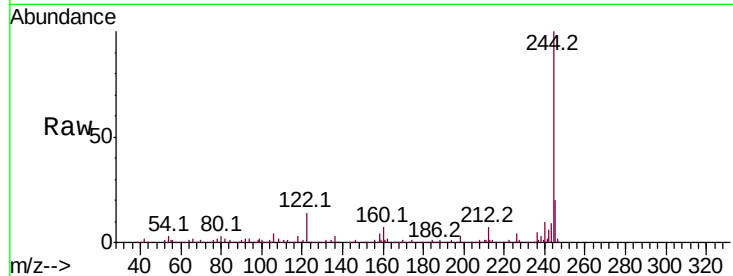
Instrument :
 BNA_F
 ClientSampleId :
 OR-01-101618-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	13.5	8.7	13.1

Manual Integrations
 APPROVED

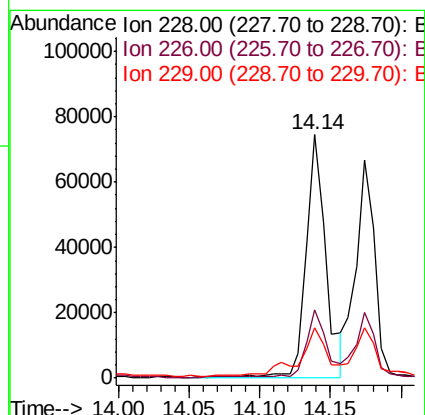
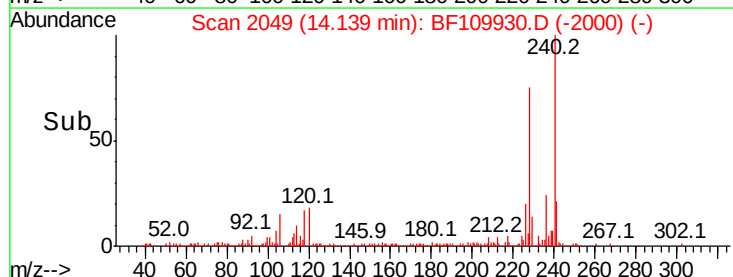
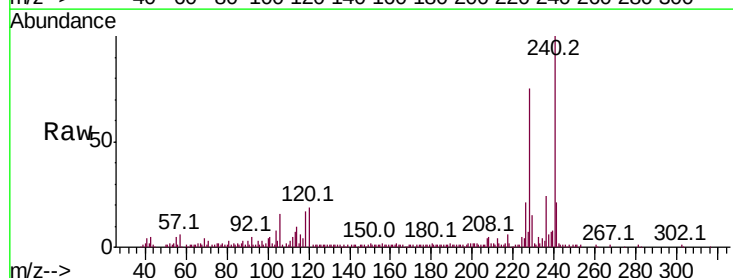
Sohil
 10/18/2018 2:04:29 PM

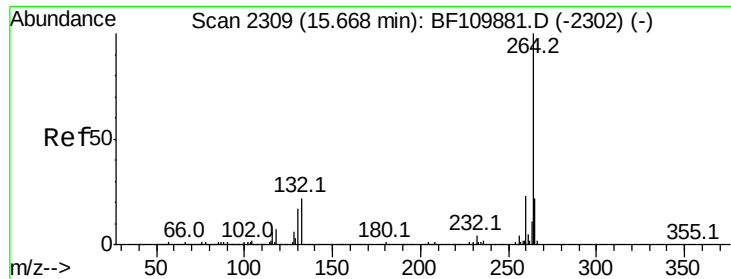
10/18/2018 2:04:29 PM



#81
 Benzo(a)anthracene
 Concen: 2.029 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BF109930.D
 Acq: 17 Oct 2018 19:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.6	15.6	23.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109930.D

Acq: 17 Oct 2018 19:54

Instrument :

BNA_F

ClientSampleId :

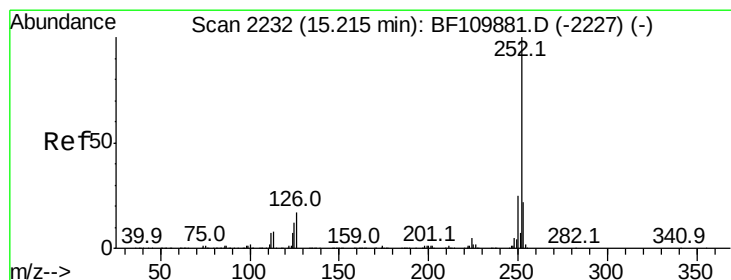
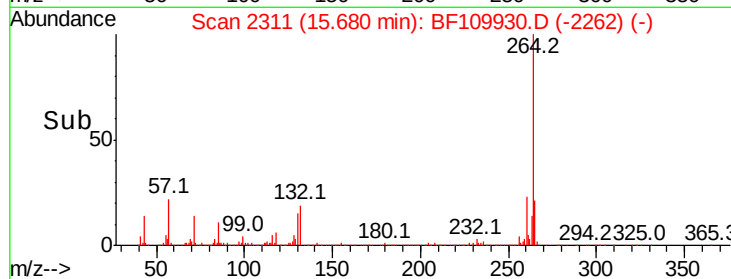
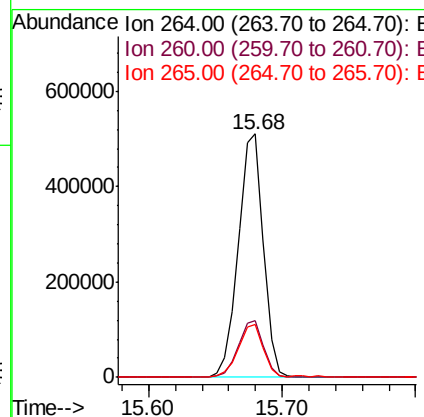
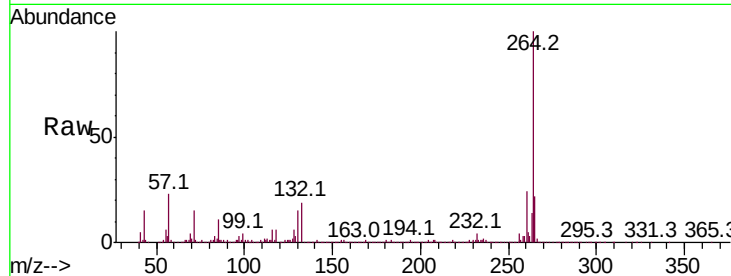
OR-01-101618-B

Tot Ion:	264	Resp:	669183
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.7	28.1
265	21.5	16.7	25.1

Manual Integrations
APPROVED

Sohil
10/18/2018 2:04:29 PM

10/18/2018 2:04:29 PM



#88

Benzo(b)fluoranthene

Concen: 2.427 ng m

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF109930.D

Acq: 17 Oct 2018 19:54

Tgt Ion:	252	Resp:	93649
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.2	25.8
125	13.5	8.2	12.4#

