

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109268.D
 Acq On : 24 Sep 2018 15:34
 Operator : JU/SJ
 Sample : J4770-05 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-C

Manual Integrations
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 9/26/2018 11:34:30 AM

Quant Time: Sep 25 09:18:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115759	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	445608	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	200686	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	332444	20.00	ng	0.00
75) Chrysene-d12	13.84	240	305155	20.00	ng	0.00
86) Perylene-d12	15.24	264	249249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	274962	39.12	ng	0.00
7) Phenol-d6	6.34	99	351280	39.17	ng	-0.02
23) Nitrobenzene-d5	7.26	82	209728	27.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	72027	36.41	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	392618	29.51	ng	-0.01
78) Terphenyl-d14	12.79	244	316793	25.48	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.46	163	108685	7.446	ng	100
70) Phenanthrene	11.23	178	93237	5.617	ng	97
74) Fluoranthene	12.42	202	160164	9.029	ng	95
77) Pyrene	12.65	202	153213	7.006	ng	98
80) Benzo(a)anthracene	13.83	228	72787	3.960	ng	98
82) Chrysene	13.86	228	63302	3.475	ng	96
87) Benzo(b)fluoranthene	14.84	252	79331m	5.792	ng	
89) Benzo(a)pyrene	15.18	252	54289	4.399	ng	# 93
91) Benzo(g,h,i)perylene	16.99	276	27245	2.738	ng	# 93

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

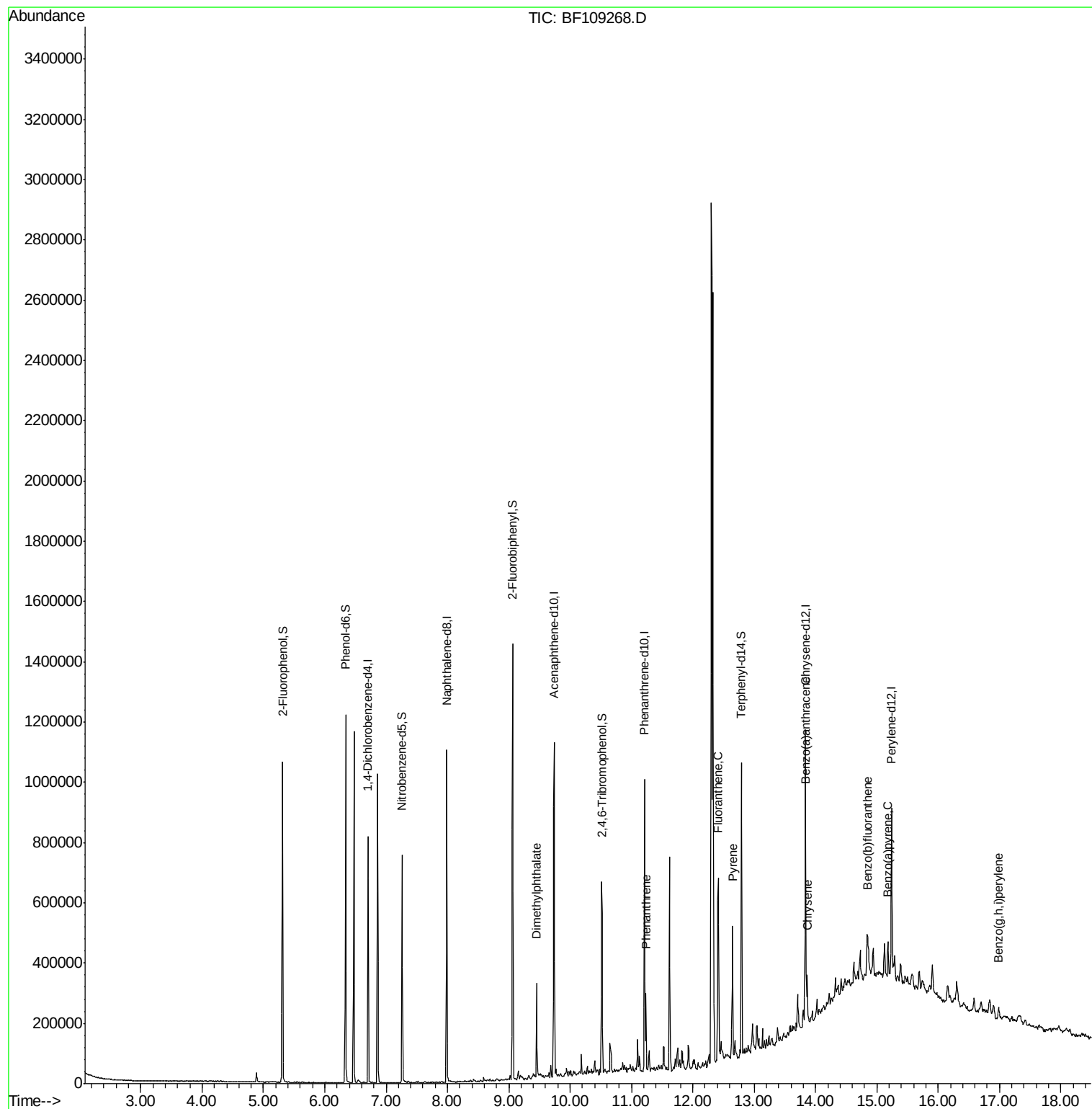
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109268.D
Acq On : 24 Sep 2018 15:34
Operator : JU/SJ
Sample : J4770-05 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

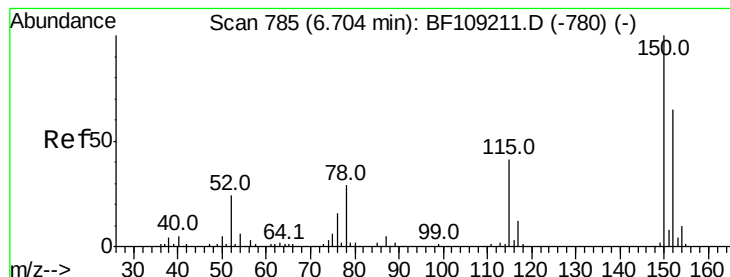
Instrument :
BNA_F
ClientSampleId :
JC-02-092118-C

Quant Time: Sep 25 09:18:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
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#1

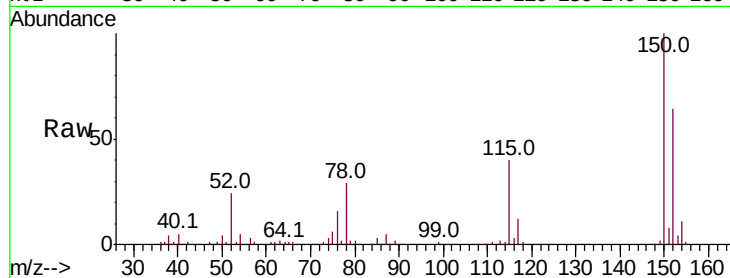
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109268.D
Acq: 24 Sep 2018 15:34

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	63.1	50.1	75.1

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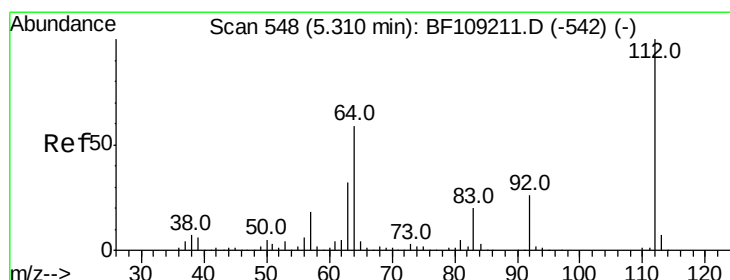
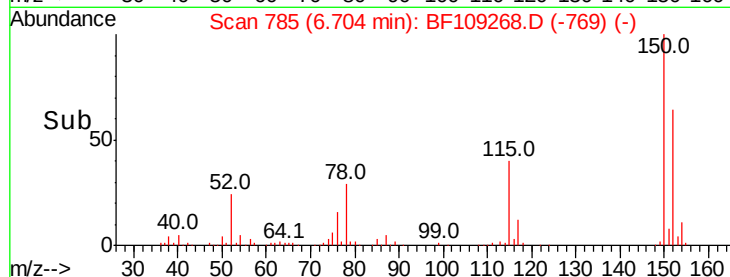
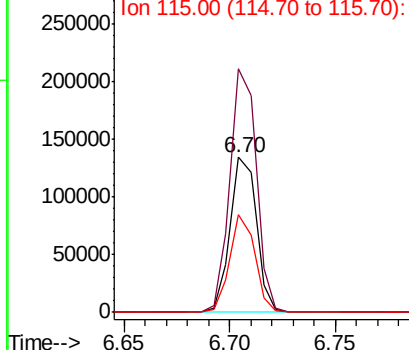


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

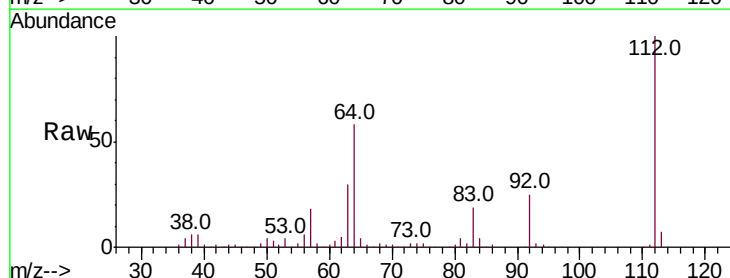
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.123 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109268.D
Acq: 24 Sep 2018 15:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	29.9	23.7	35.5

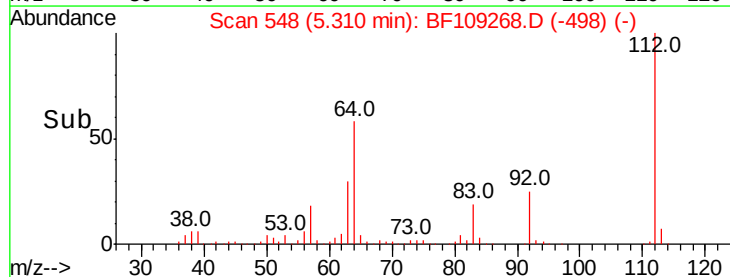
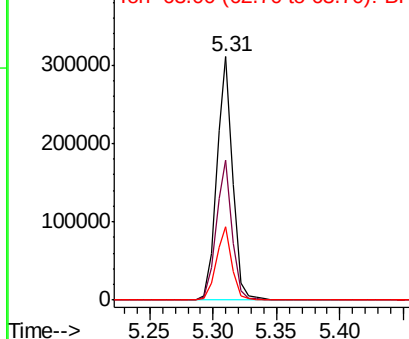


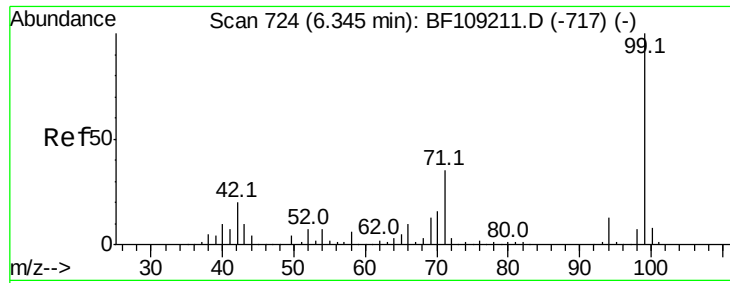
Abundance

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: 39.170 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109268.D

Acq: 24 Sep 2018 15:34

Instrument :

BNA_F

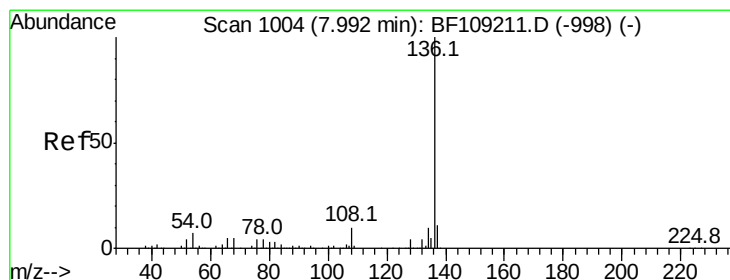
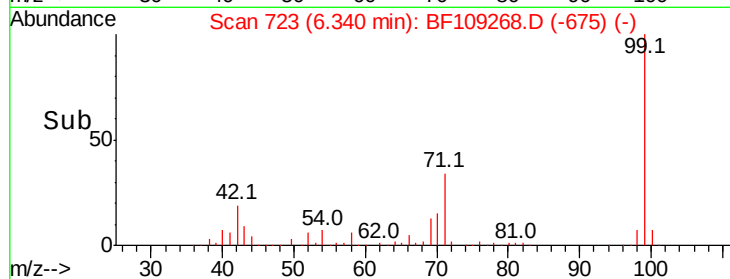
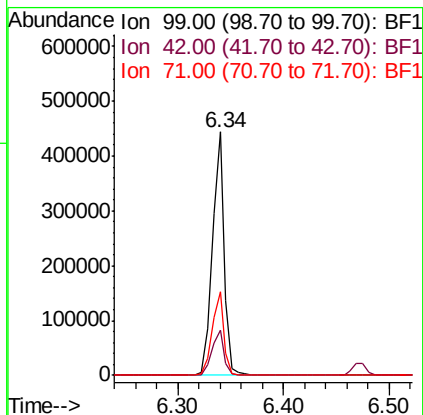
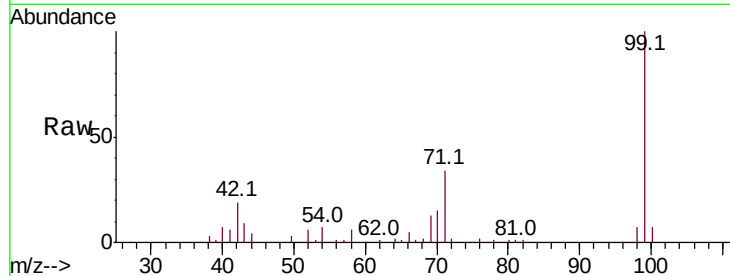
ClientSampleId :

JC-02-092118-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		351280		
42	18.7	14.5	21.7		
71	34.3	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

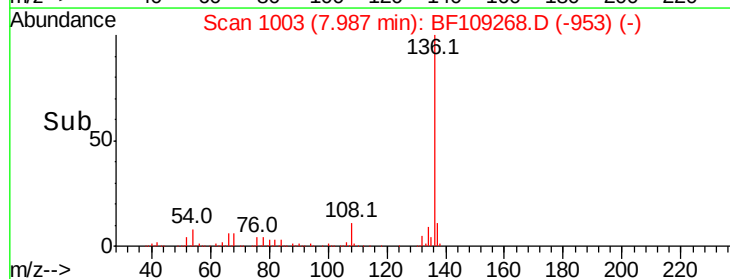
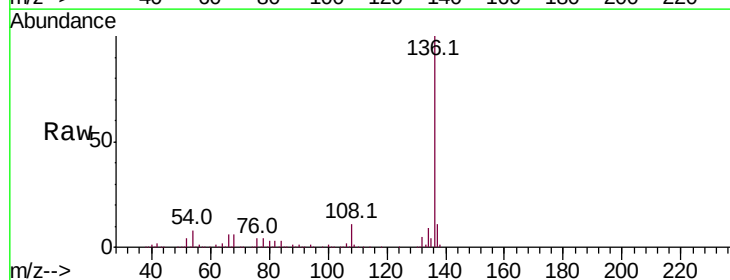
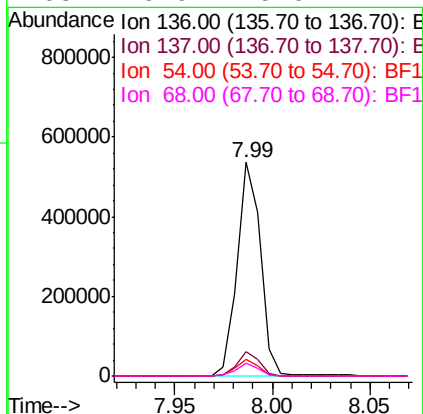
RT: 7.99 min Scan# 1003

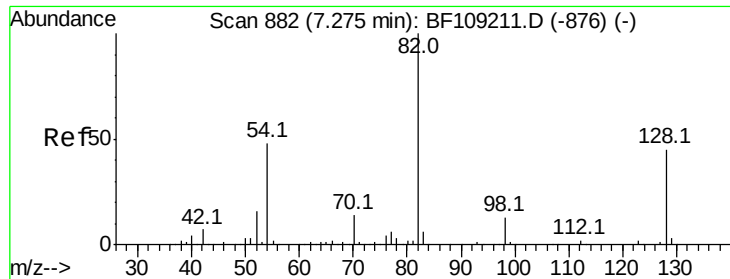
Delta R.T. -0.01 min

Lab File: BF109268.D

Acq: 24 Sep 2018 15:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		445608		
137	11.2	8.9	13.3		
54	7.8	6.6	9.8		
68	5.9	5.0	7.4		





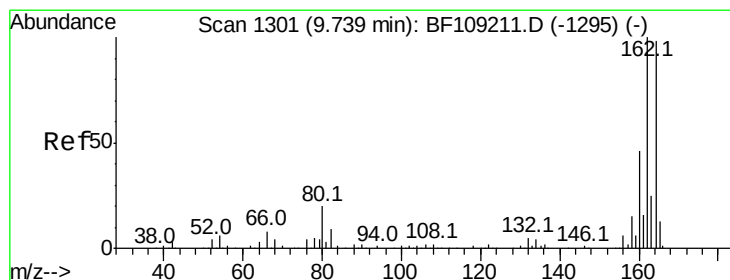
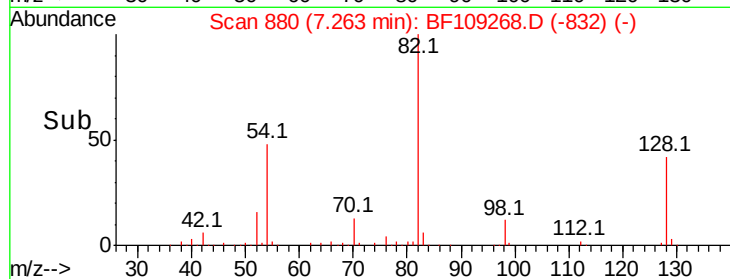
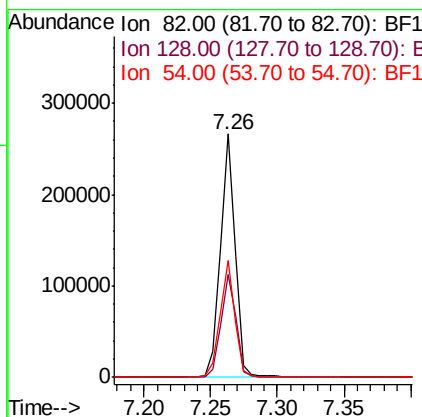
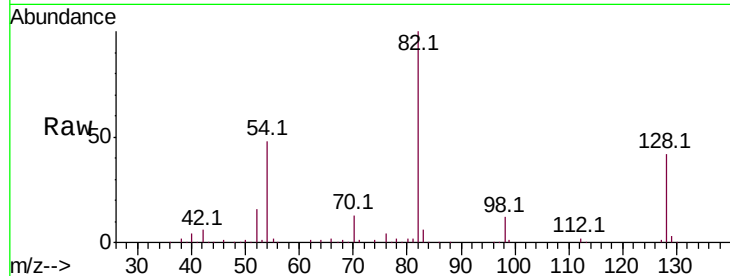
#23
Nitrobenzene-d5
Concen: 27.784 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109268.D
Acq: 24 Sep 2018 15:34

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-C

Tot Ion	Ratio	Resp	Lower	Upper
82	100	209728		
128	42.1		36.1	54.1
54	48.2		41.4	62.2

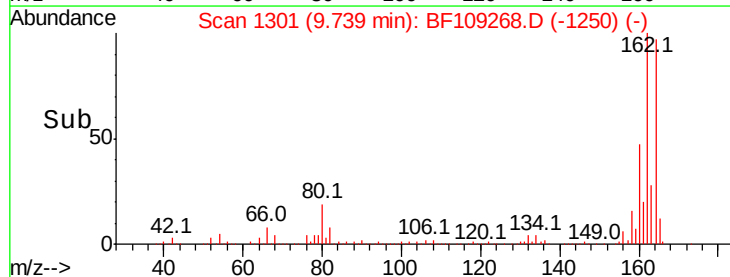
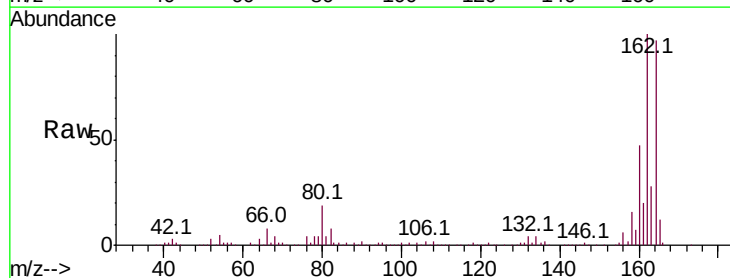
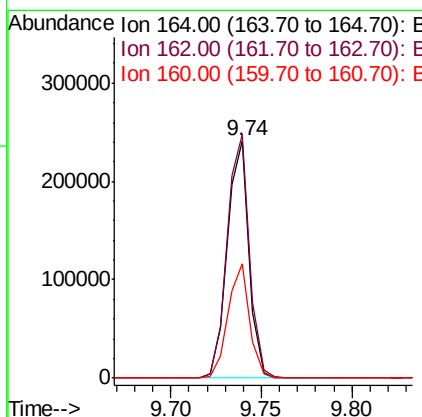
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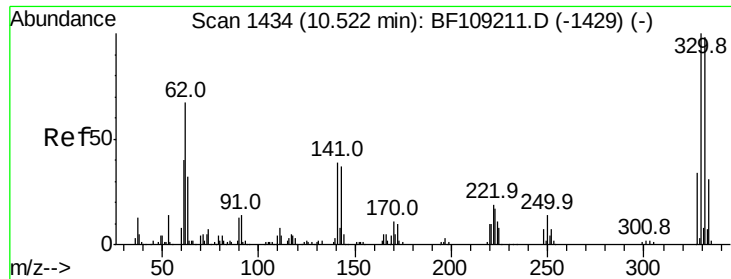
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109268.D
Acq: 24 Sep 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	200686		
162	102.6		86.1	129.1
160	48.4		38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 36.408 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109268.D

Acq: 24 Sep 2018 15:34

Instrument :

BNA_F

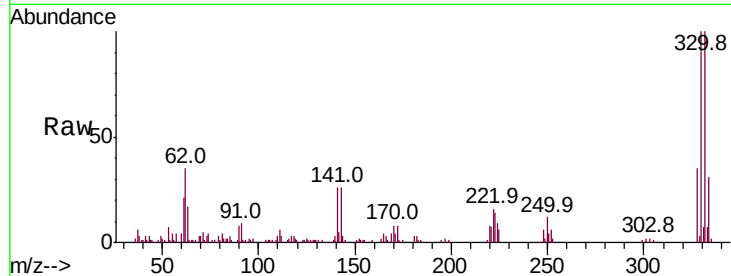
ClientSampleId :

JC-02-092118-C

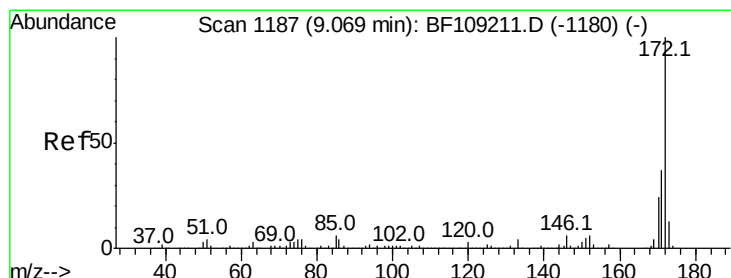
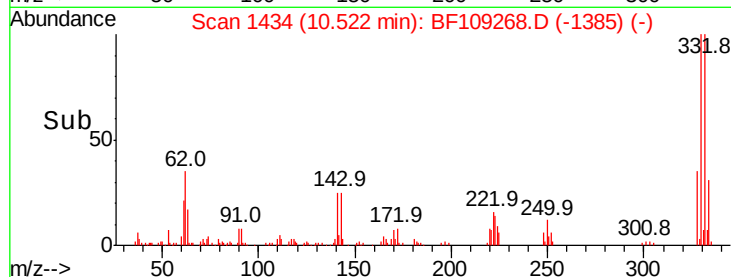
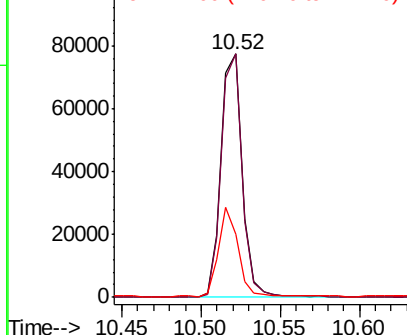
Tot Ion:	330	Resp:	72027
Ion Ratio	Lower	Upper	
330	100		
332	98.6	77.0	115.6
141	36.8	29.9	44.9

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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: 29.506 ng

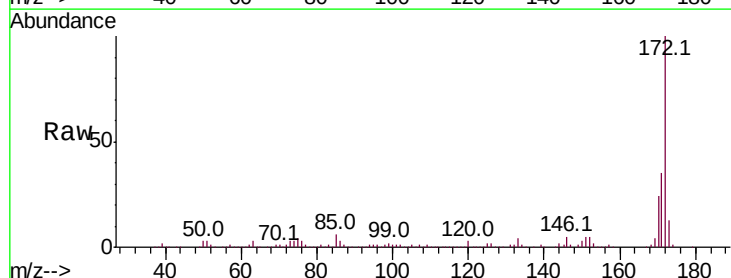
RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

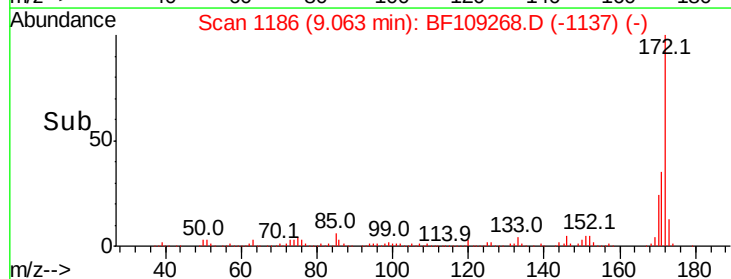
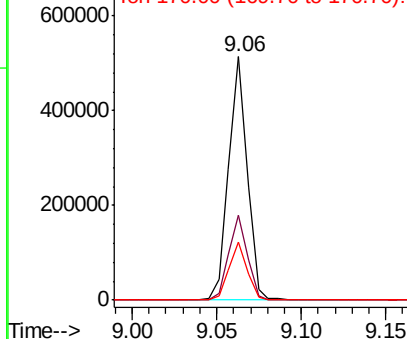
Lab File: BF109268.D

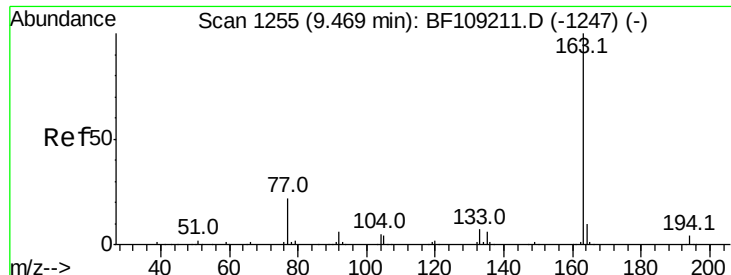
Acq: 24 Sep 2018 15:34

Tgt Ion:	172	Resp:	392618
Ion Ratio	Lower	Upper	
172	100		
171	34.9	29.7	44.5
170	23.6	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





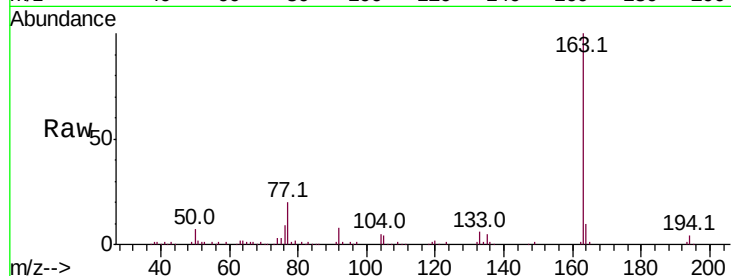
#49
Dimethylphthalate
Concen: 7.446 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109268.D
Acq: 24 Sep 2018 15:34

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-C

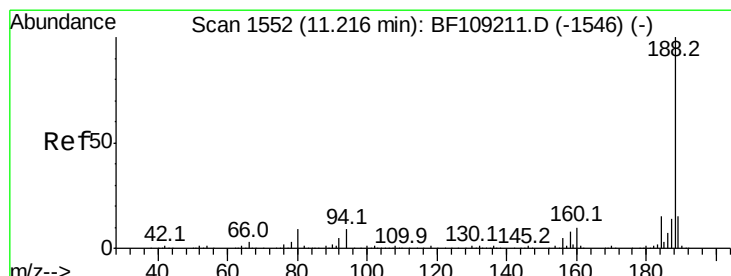
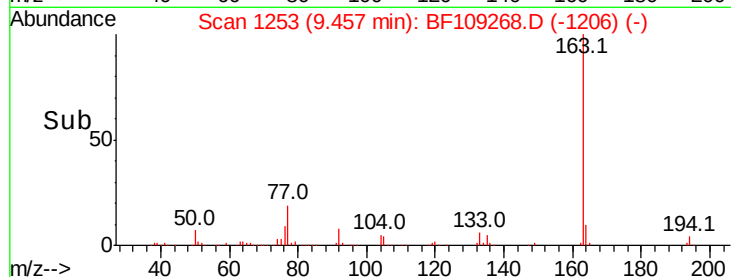
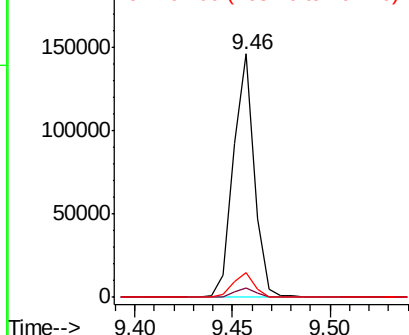
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.7	4.1	
164	10.1	8.2	12.2	

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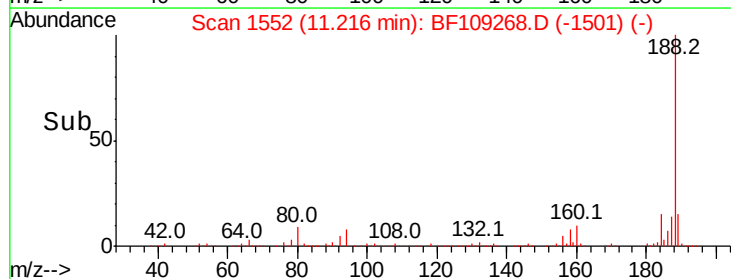
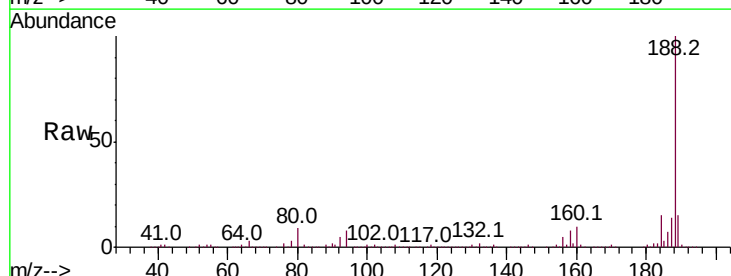
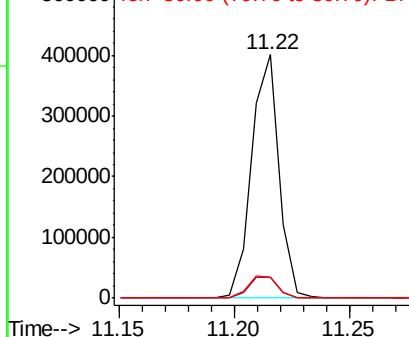
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

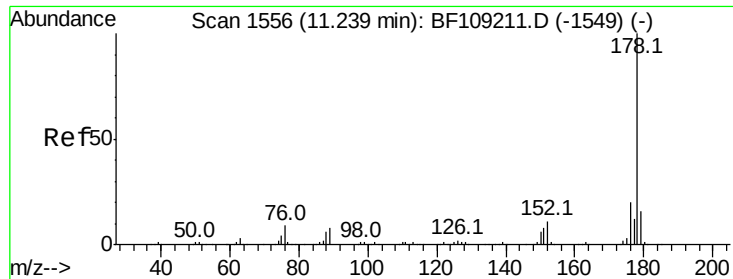


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109268.D
Acq: 24 Sep 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.5	8.5	12.7#	
80	8.7	9.2	13.8#	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 5.617 ng

RT: 11.23 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF109268.D

Acq: 24 Sep 2018 15:34

Instrument :

BNA_F

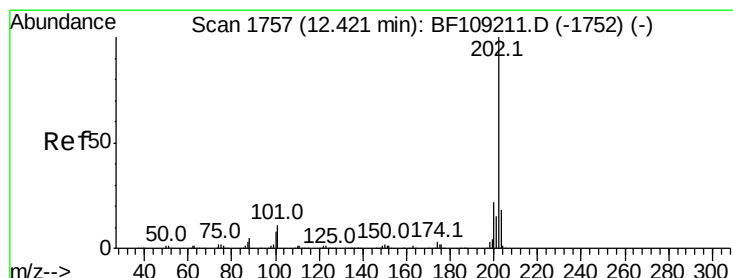
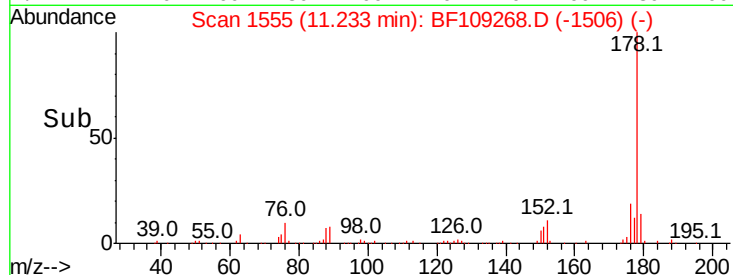
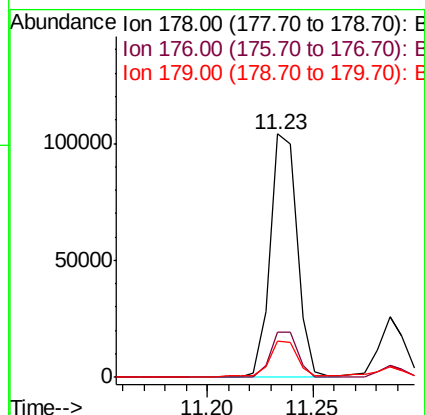
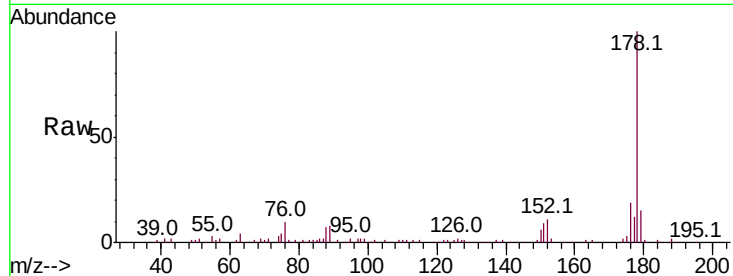
ClientSampleId :

JC-02-092118-C

Tot Ion:178	Resp:	93237
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.8 23.8
179	14.7	13.0 19.6

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#74

Fluoranthene

Concen: 9.029 ng

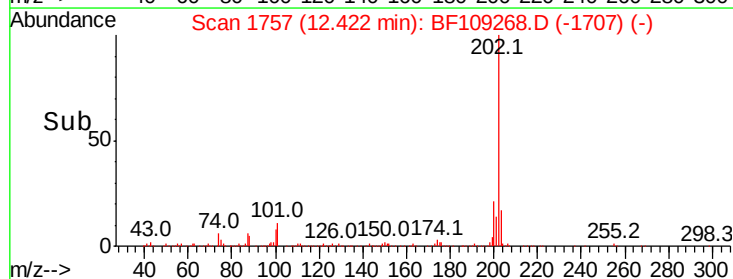
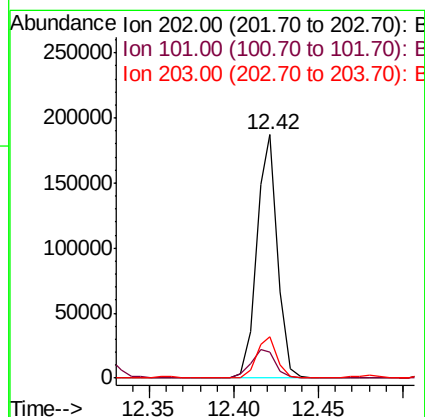
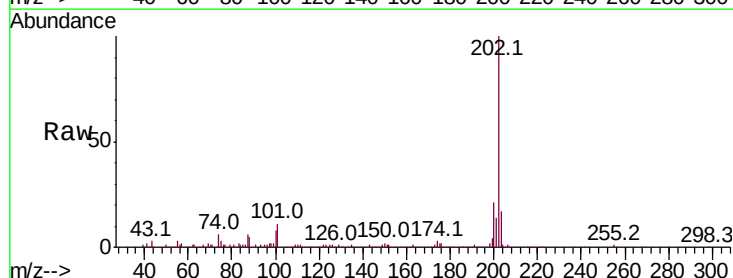
RT: 12.42 min Scan# 1757

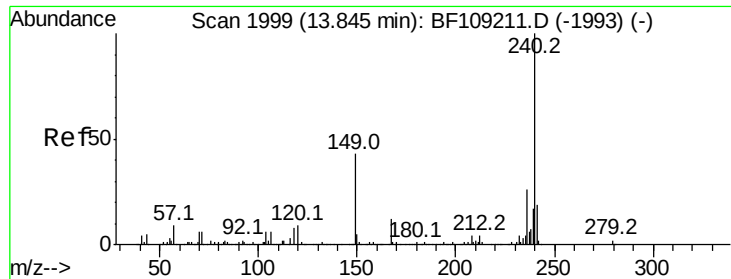
Delta R.T. -0.01 min

Lab File: BF109268.D

Acq: 24 Sep 2018 15:34

Tgt Ion:202	Resp:	160164
Ion Ratio	Lower	Upper
202	100	
101	10.6	0.0 34.1
203	17.1	0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109268.D

Acq: 24 Sep 2018 15:34

Instrument :

BNA_F

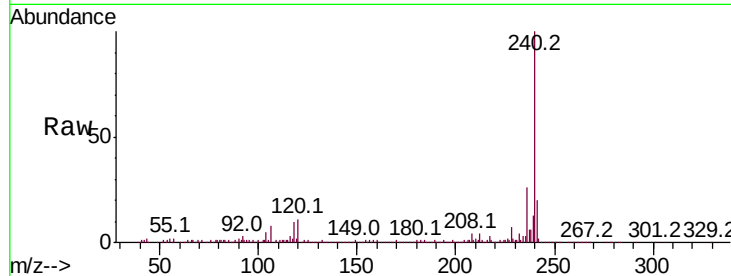
ClientSampleId :

JC-02-092118-C

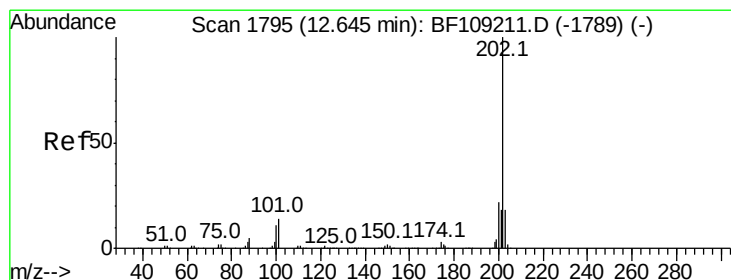
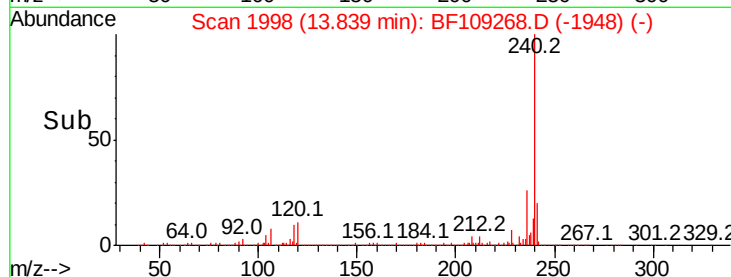
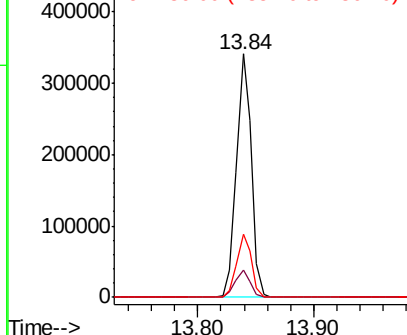
Tot Ion:	240	Resp:	305155
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	25.7	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.006 ng

RT: 12.65 min Scan# 1795

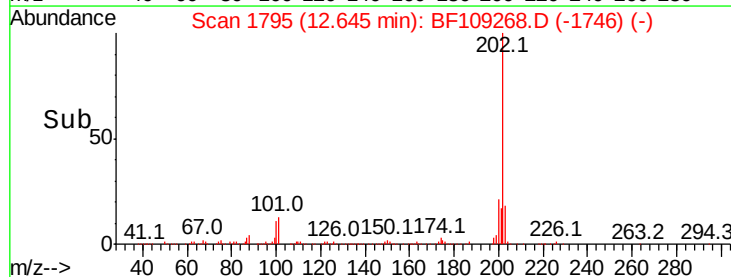
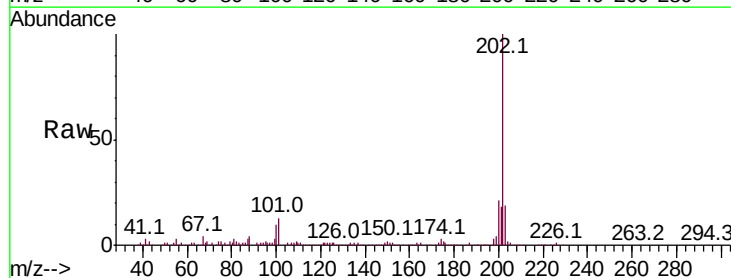
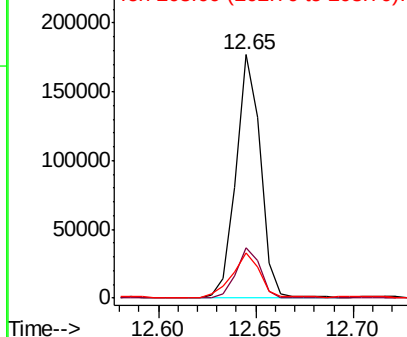
Delta R.T. -0.01 min

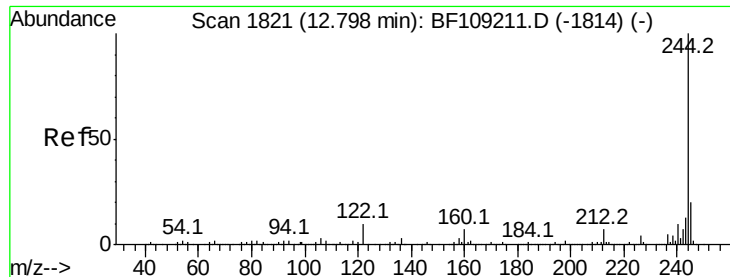
Lab File: BF109268.D

Acq: 24 Sep 2018 15:34

Tgt Ion:	202	Resp:	153213
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	18.6	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





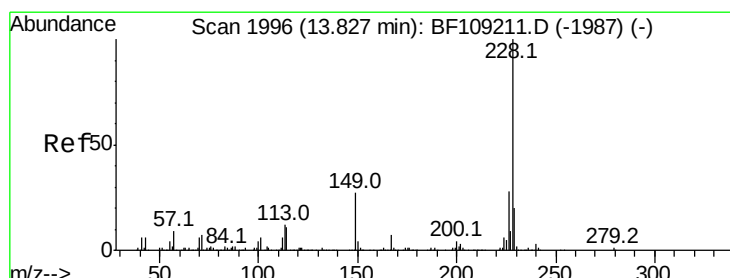
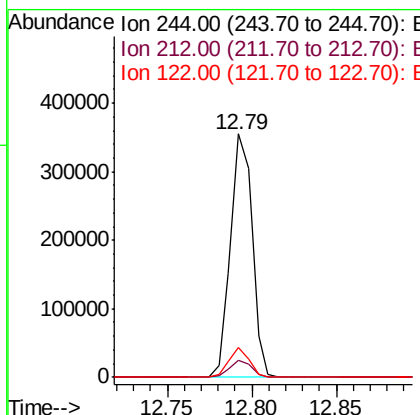
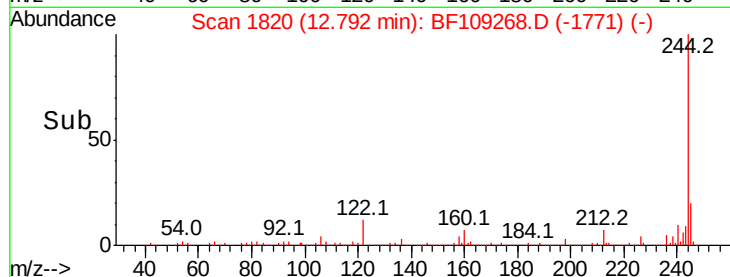
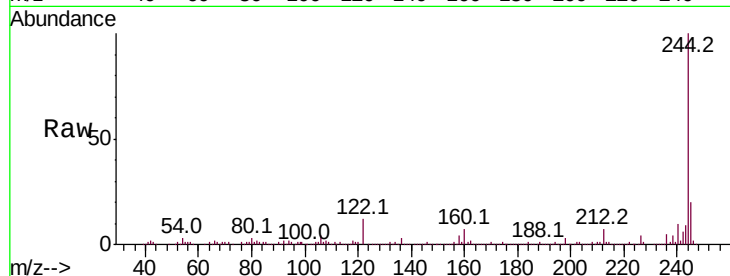
#78
 Terphenyl-d14
 Concen: 25.478 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109268.D
 Acq: 24 Sep 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.3	11.0	16.4

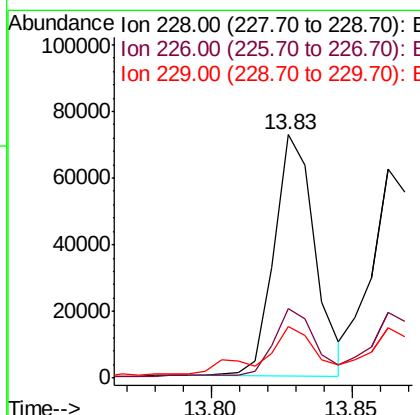
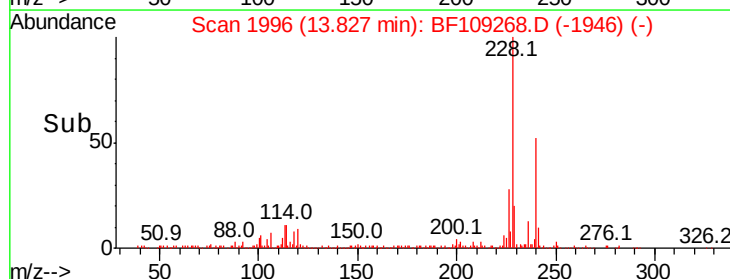
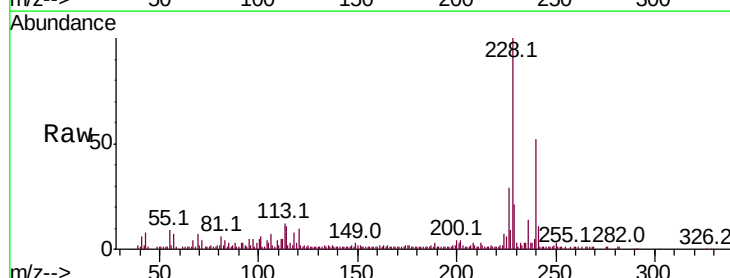
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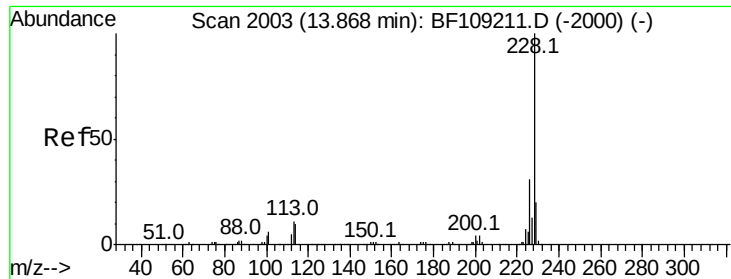
Sohil
 9/26/2018 11:34:30 AM



#80
 Benzo(a)anthracene
 Concen: 3.960 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109268.D
 Acq: 24 Sep 2018 15:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.2	15.8	23.6





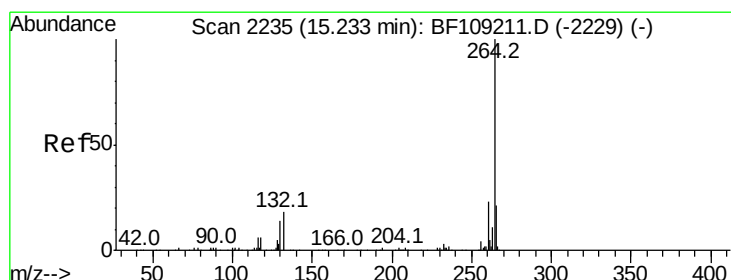
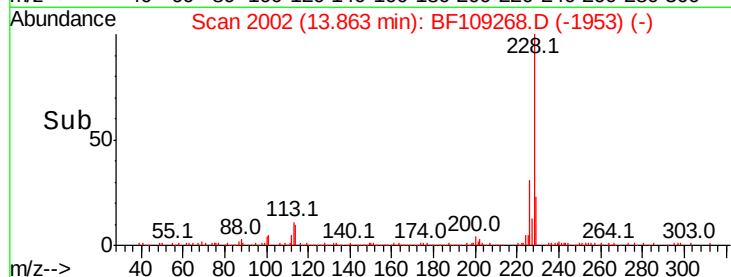
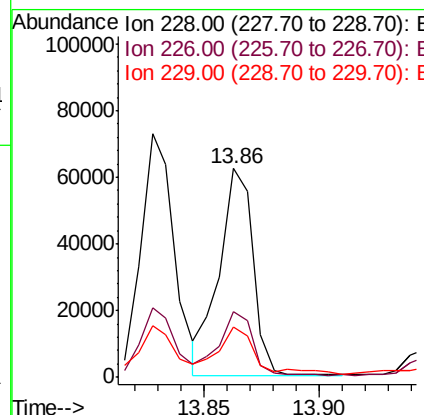
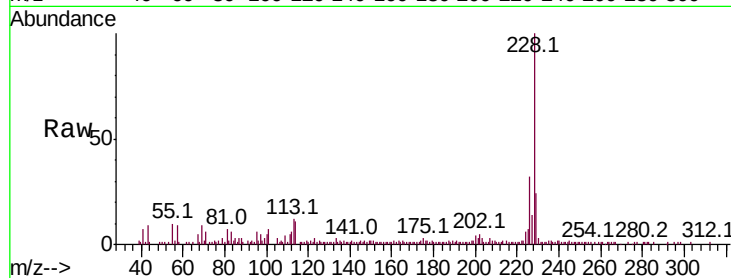
#82
Chrysene
Concen: 3.475 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109268.D
Acq: 24 Sep 2018 15:34

Instrument :
BNA_F
ClientSampleId :
JC-02-092118-C

Tot Ion:	228	Resp:	63302
Ion Ratio	Lower	Upper	
228	100		
226	31.6	25.0	37.6
229	24.0	16.2	24.4

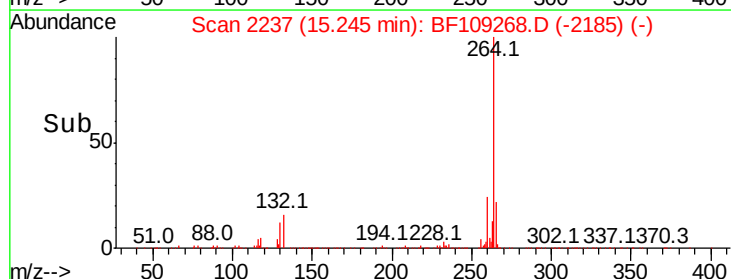
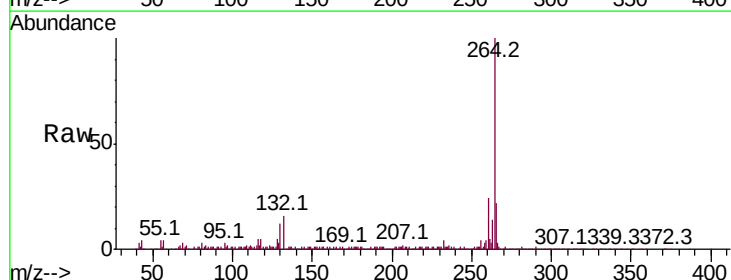
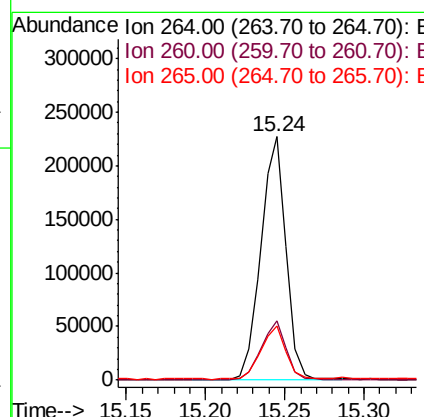
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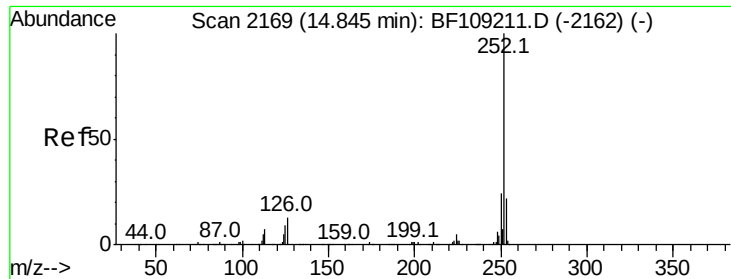
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109268.D
Acq: 24 Sep 2018 15:34

Tgt Ion:	264	Resp:	249249
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 5.792 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF109268.D

Acq: 24 Sep 2018 15:34

Instrument :

BNA_F

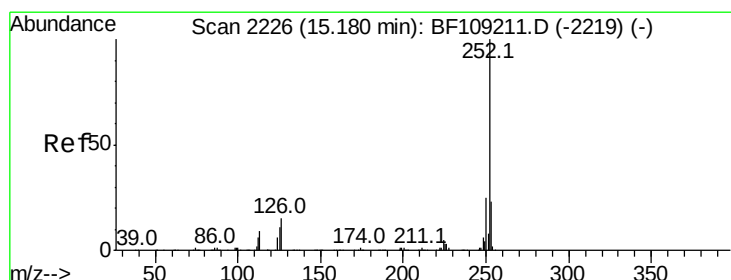
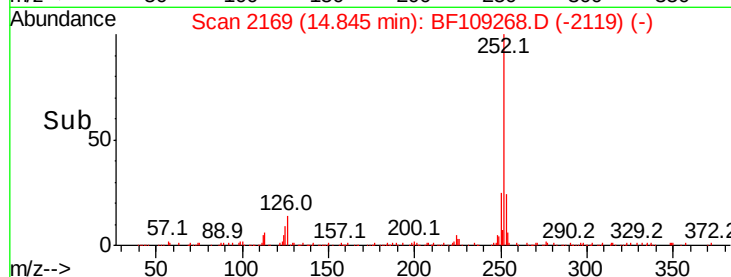
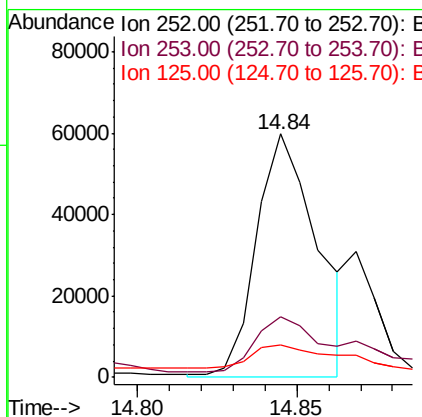
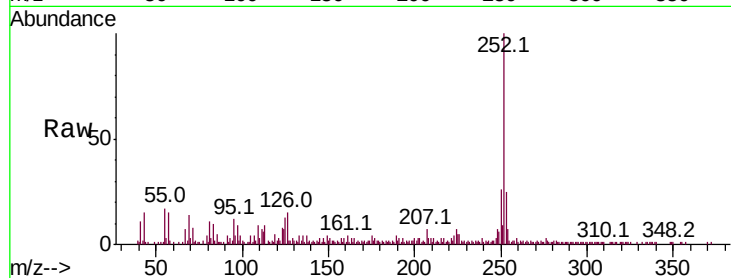
ClientSampleId :

JC-02-092118-C

Tot Ion:	252	Resp:	79331
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.0	25.6
125	13.2	9.0	13.6

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#89

Benzo(a)pyrene

Concen: 4.399 ng

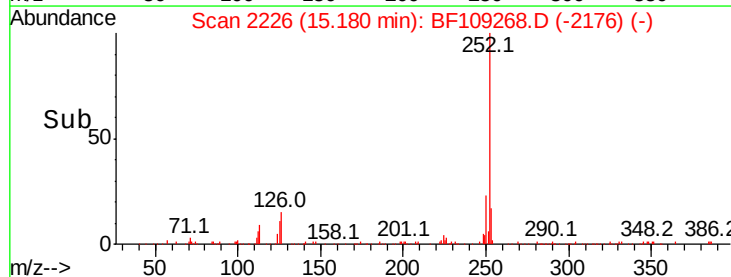
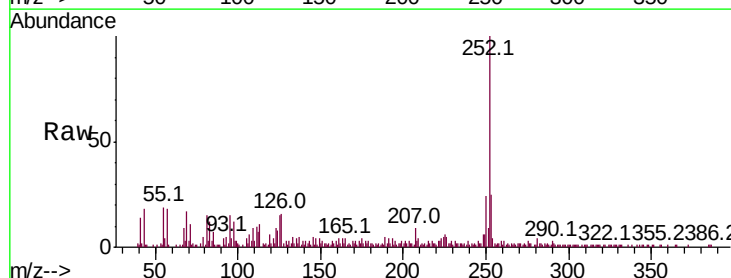
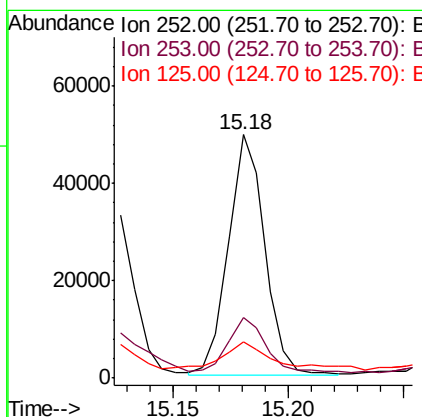
RT: 15.18 min Scan# 2226

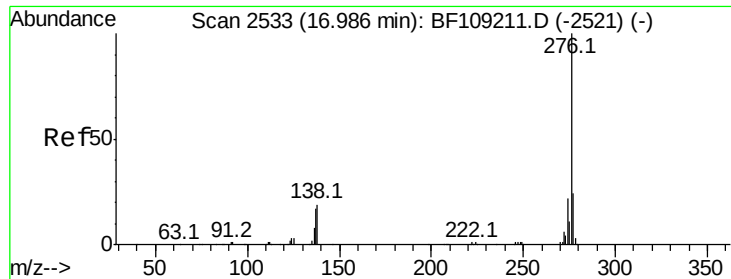
Delta R.T. -0.01 min

Lab File: BF109268.D

Acq: 24 Sep 2018 15:34

Tgt Ion:	252	Resp:	54289
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.1	25.7
125	14.9	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 2.738 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BF109268.D
 Acq: 24 Sep 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-092118-C

Tot Ion:	276	Resp:	27245
Ion Ratio	Lower	Upper	
276	100		
277	27.6	17.9	26.9#
138	29.1	21.8	32.8

Manual Integrations
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Sohil
 9/26/2018 11:34:30 AM

