

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109274.D
 Acq On : 24 Sep 2018 18:11
 Operator : JU/SJ
 Sample : J4770-11 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 9/26/2018 11:34:32 AM

Quant Time: Sep 25 09:31:20 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	6.71	152	103704	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	377578	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	159908	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	288743	20.00	ng	0.00
75) Chrysene-d12	13.84	240	274138	20.00	ng	0.00
86) Perylene-d12	15.24	264	180718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	253892	40.32	ng	0.00
7) Phenol-d6	6.34	99	315327	39.25	ng	-0.02
23) Nitrobenzene-d5	7.26	82	184350	28.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	60846	38.60	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	310960	29.33	ng	-0.01
78) Terphenyl-d14	12.80	244	292891	26.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	84710	7.283	ng	Qvalue # 99
74) Fluoranthene	12.43	202	51271	3.328	ng	83
77) Pyrene	12.65	202	57980	2.951	ng	98
87) Benzo(b)fluoranthene	14.85	252	27480m	2.767	ng	

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

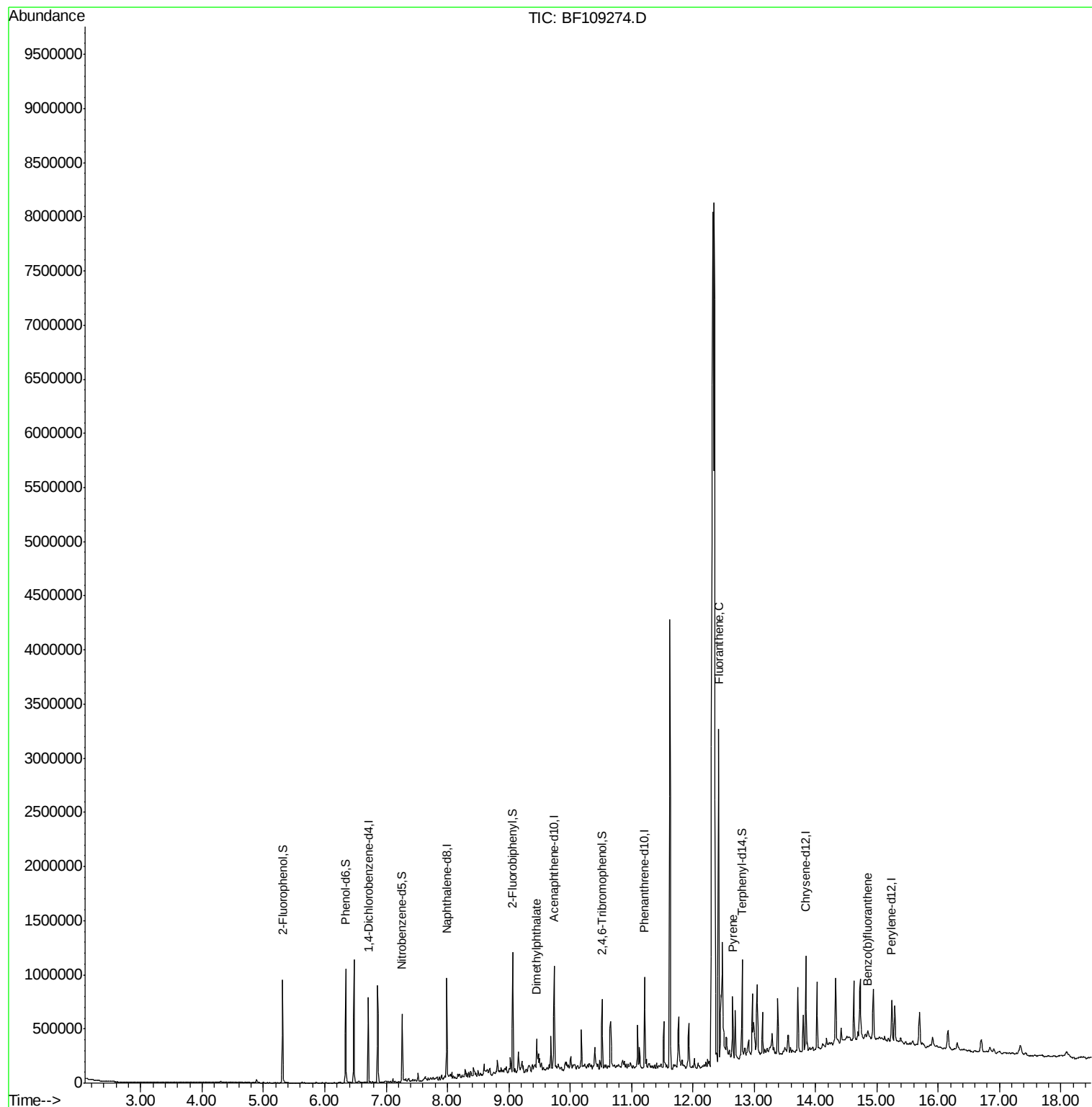
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
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#1

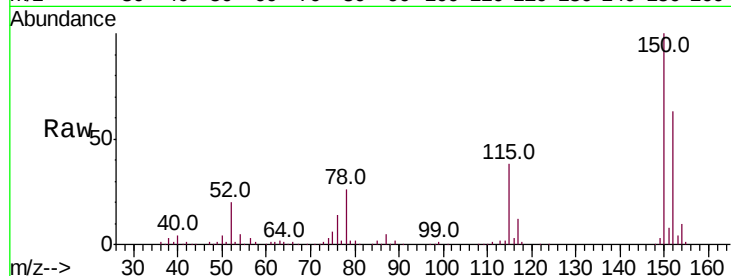
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109274.D
Acq: 24 Sep 2018 18:11

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	60.2	50.1	75.1

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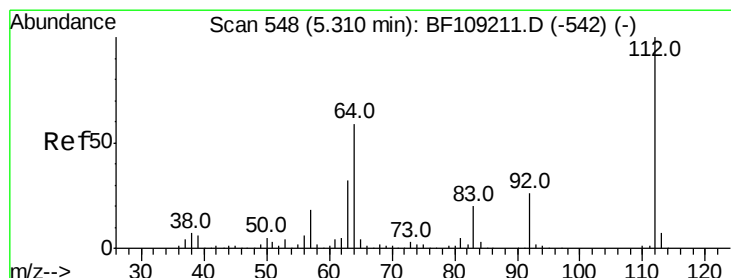
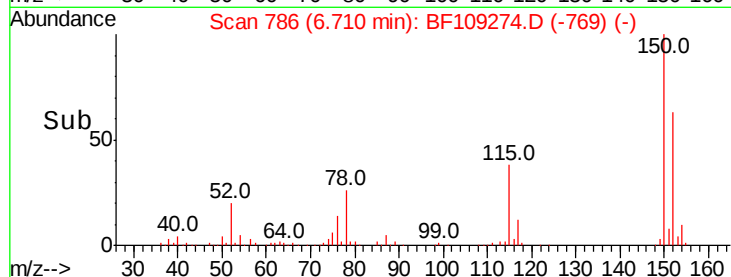
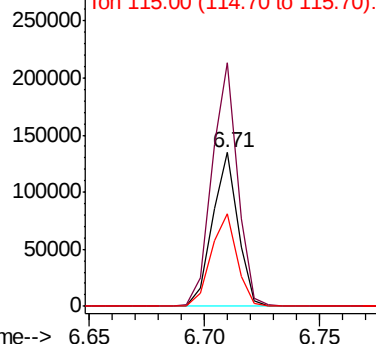


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

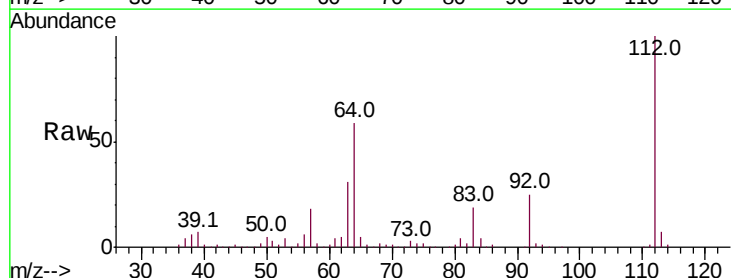
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.324 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109274.D
Acq: 24 Sep 2018 18:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	31.3	23.7	35.5

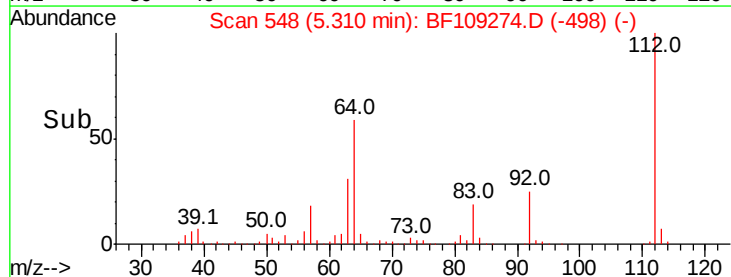
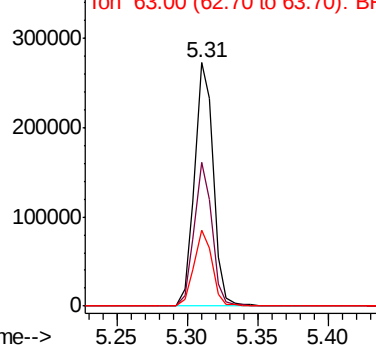


Abundance

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: 39.248 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109274.D

Acq: 24 Sep 2018 18:11

Instrument :

BNA_F

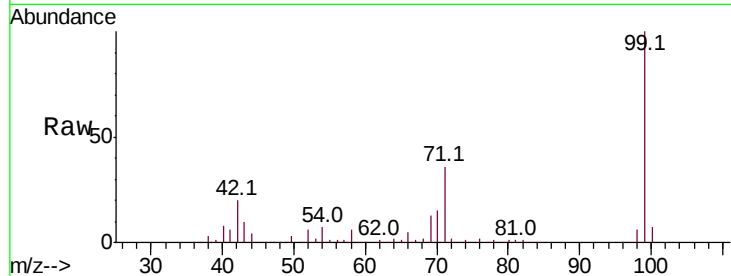
ClientSampleId :

JC-02-092118-F

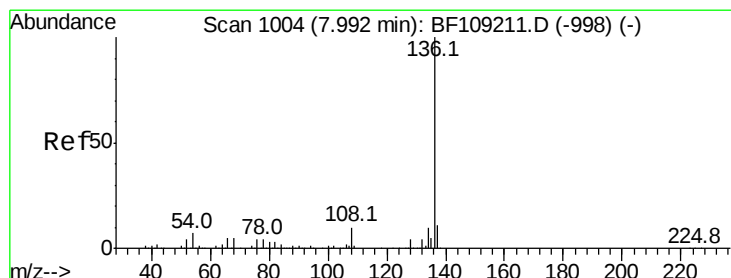
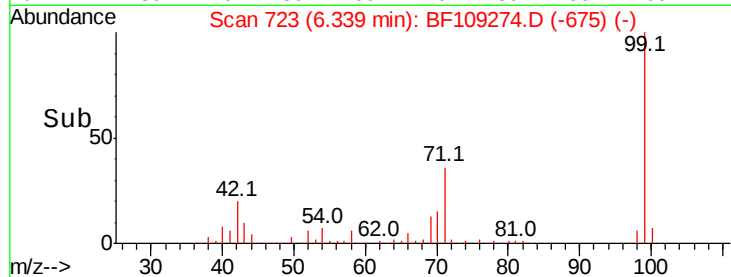
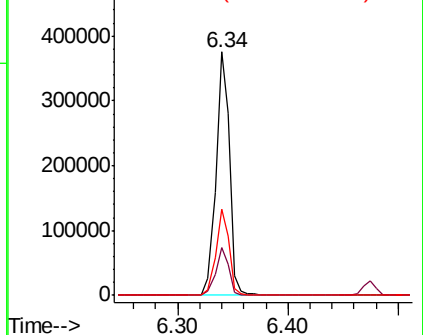
Tot Ion:	99	Resp:	315327
Ion Ratio	Lower	Upper	
99	100		
42	19.7	14.5	21.7
71	35.6	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

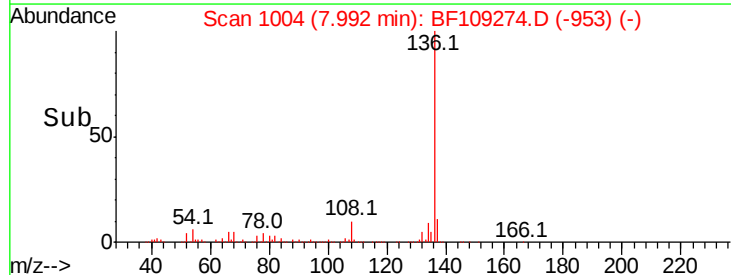
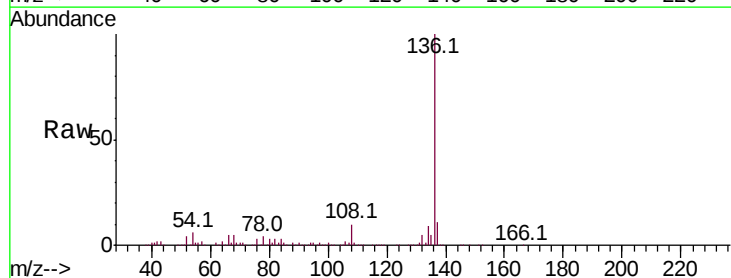
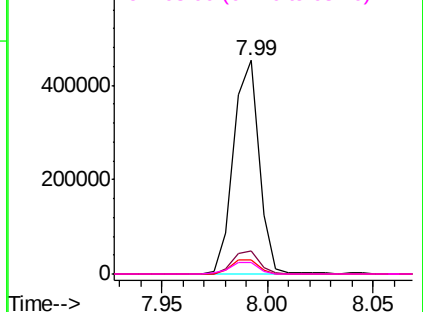
Delta R.T. -0.00 min

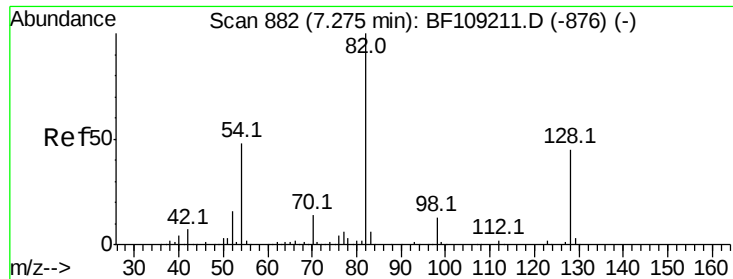
Lab File: BF109274.D

Acq: 24 Sep 2018 18:11

Tgt Ion:	136	Resp:	377578
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	6.4	6.6	9.8#
68	5.3	5.0	7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





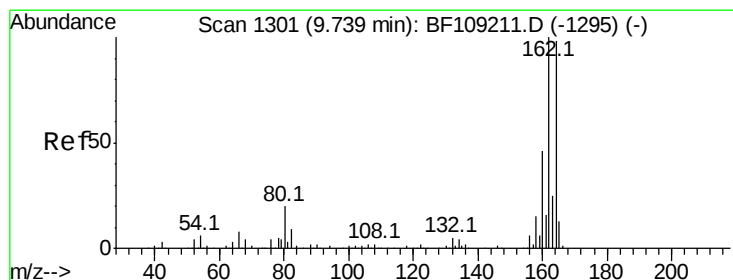
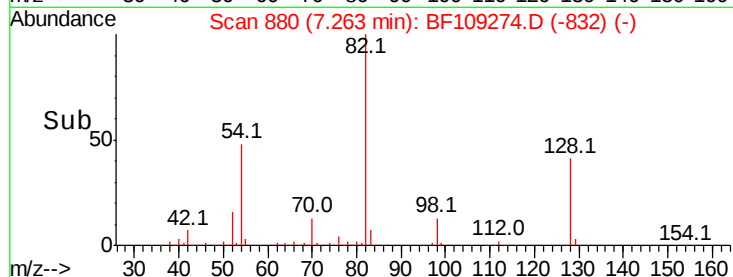
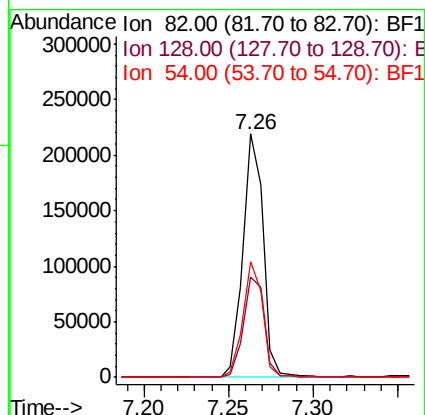
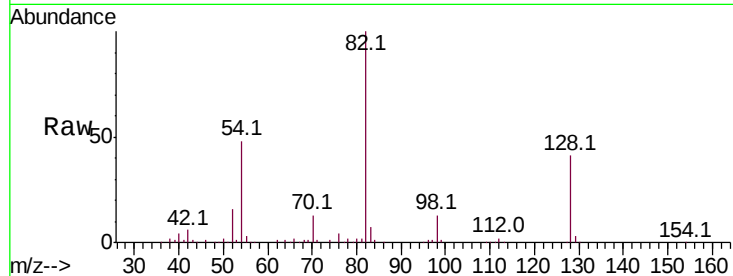
#23
Nitrobenzene-d5
Concen: 28.822 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109274.D
Acq: 24 Sep 2018 18:11

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.3	36.1	54.1	
54	47.7	41.4	62.2	

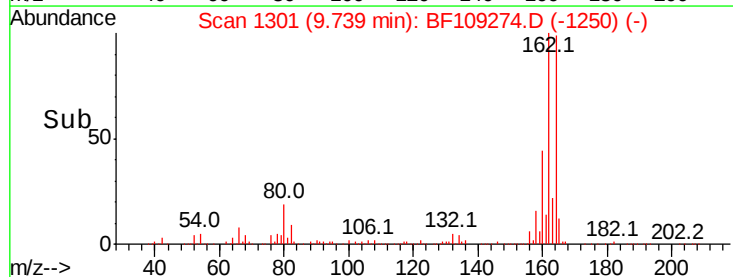
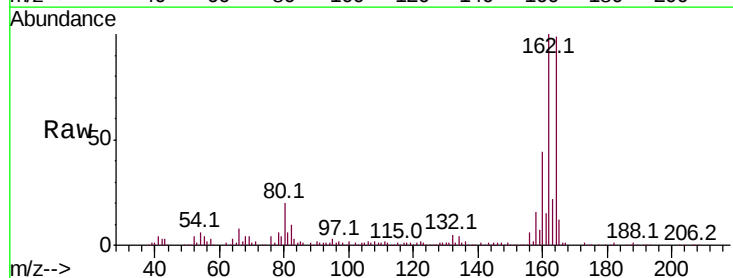
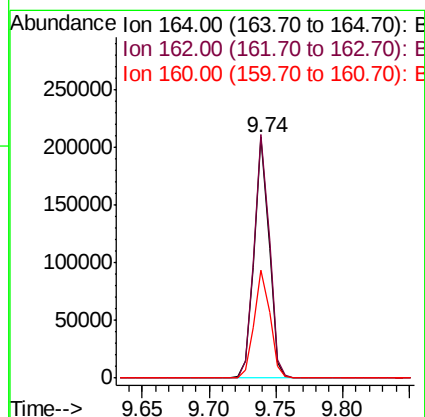
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109274.D
Acq: 24 Sep 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	86.1	129.1	
160	44.7	38.3	57.5	





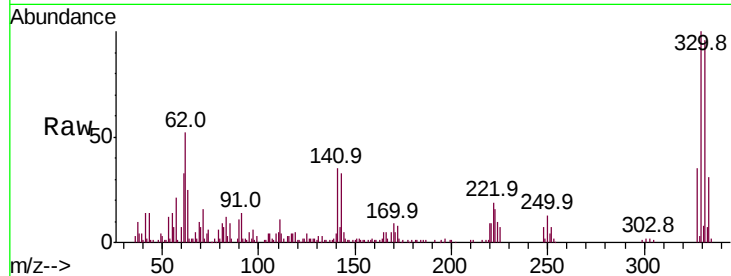
#41
 2,4,6-Tribromophenol
 Concen: 38.599 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109274.D
 Acq: 24 Sep 2018 18:11

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

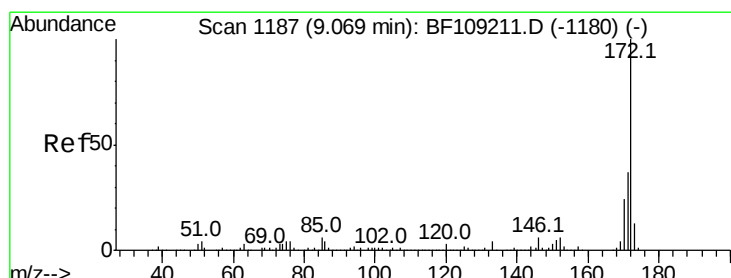
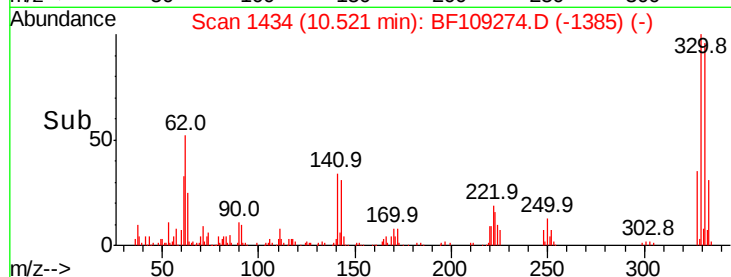
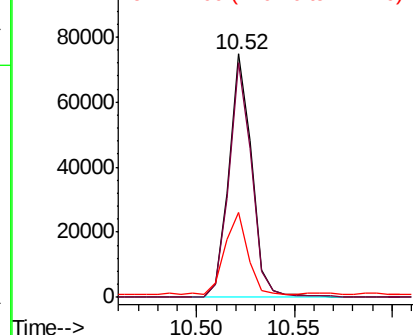
Tot Ion	Ratio	Resp	Lower	Upper
330	100	60846		
332	96.0	77.0	115.6	
141	33.7	29.9	44.9	

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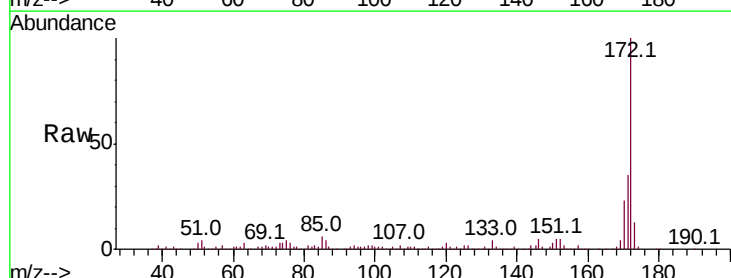


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

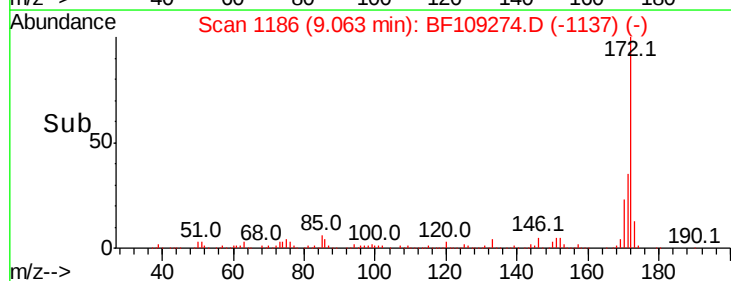
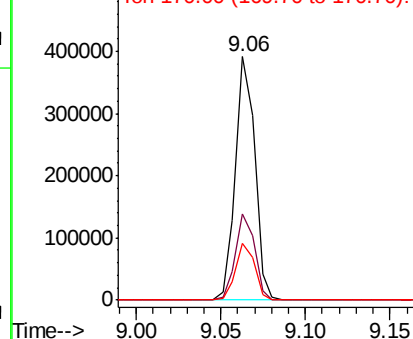


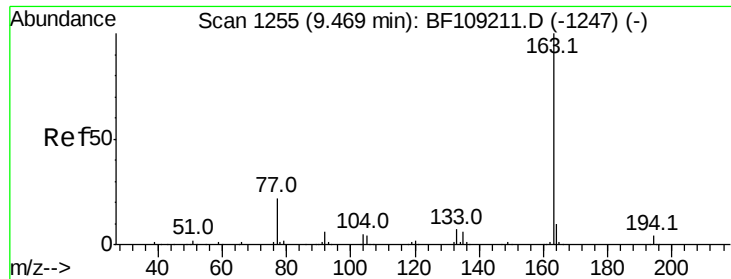
#44
 2-Fluorobiphenyl
 Concen: 29.329 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109274.D
 Acq: 24 Sep 2018 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	310960		
171	35.1	29.7	44.5	
170	23.3	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





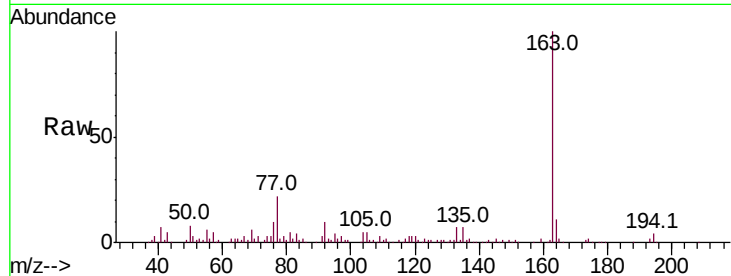
#49
Dimethylphthalate
Concen: 7.283 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109274.D
Acq: 24 Sep 2018 18:11

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

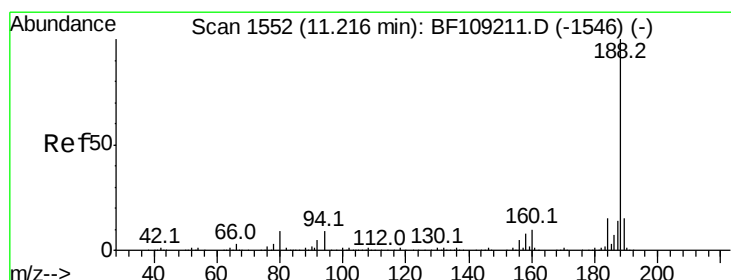
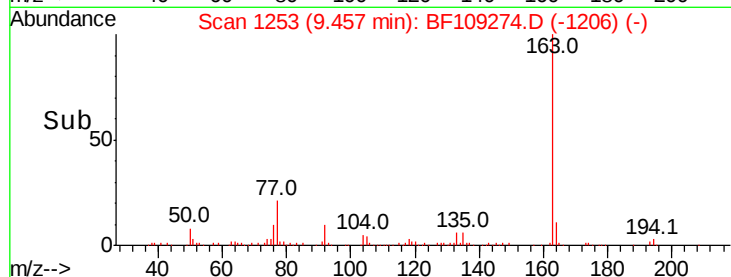
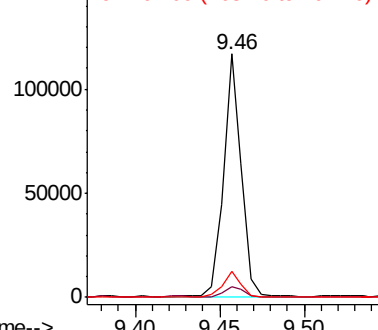
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.6	8.2	12.2

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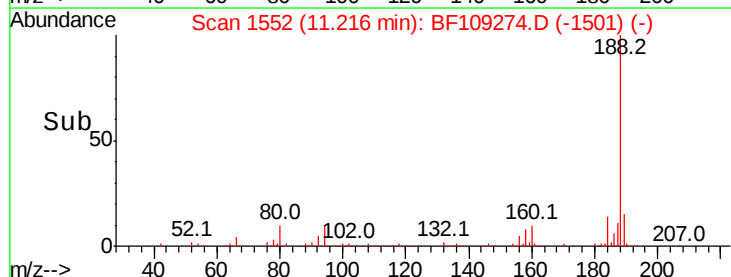
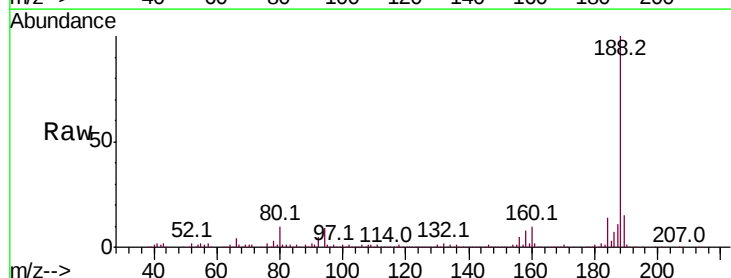
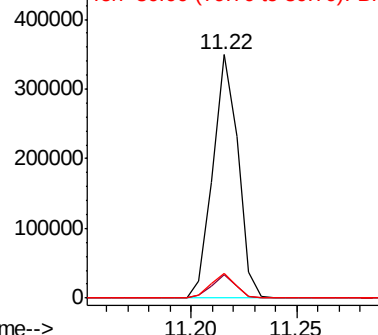
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

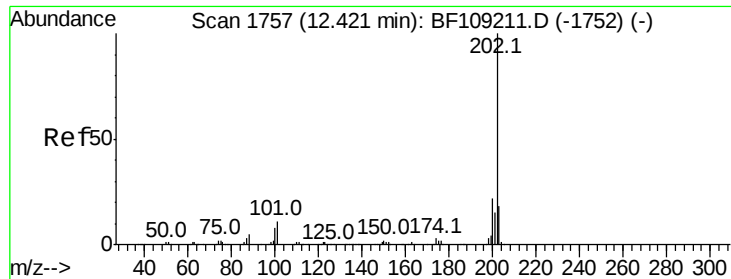


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109274.D
Acq: 24 Sep 2018 18:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.2	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





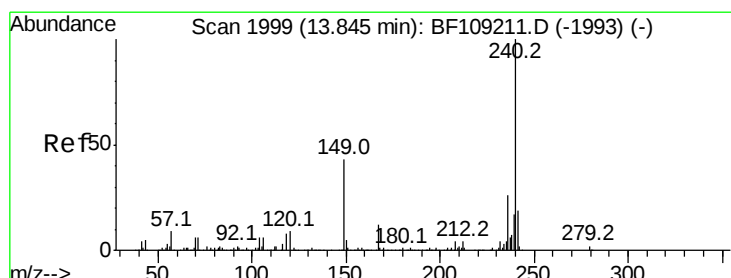
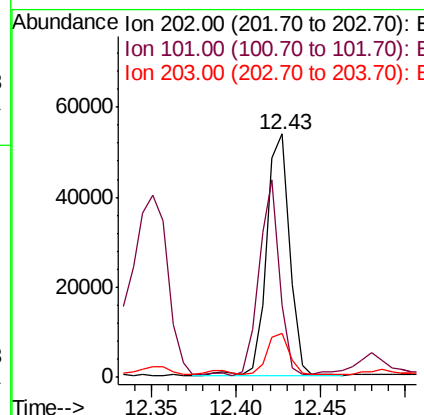
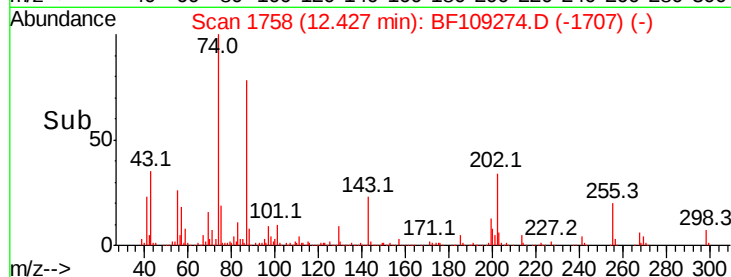
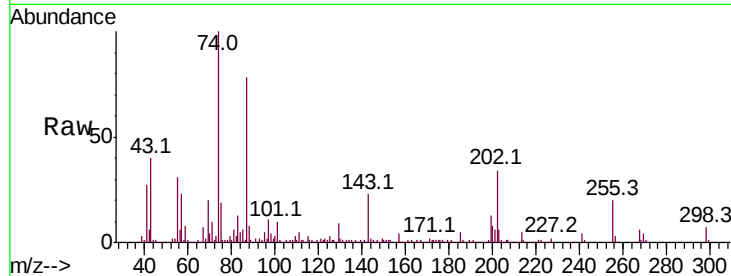
#74
Fluoranthene
Concen: 3.328 ng
RT: 12.43 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF109274.D
Acq: 24 Sep 2018 18:11

Instrument :
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JC-02-092118-F

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	29.4	0.0	34.1
203	18.3	0.0	38.1

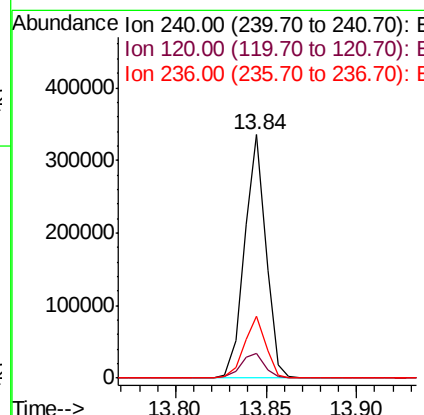
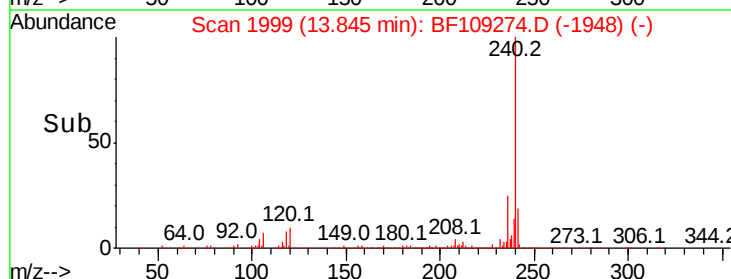
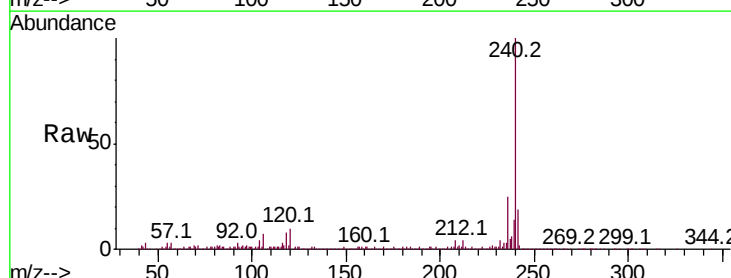
Manual Integrations
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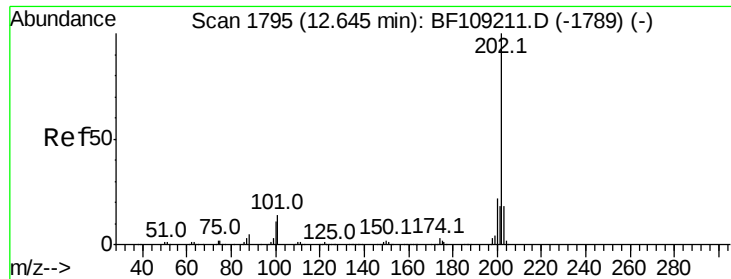
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF109274.D
Acq: 24 Sep 2018 18:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.3	20.7	31.1





#77

Pvrene

Concen: 2.951 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF109274.D

Acq: 24 Sep 2018 18:11

Instrument :

BNA_F

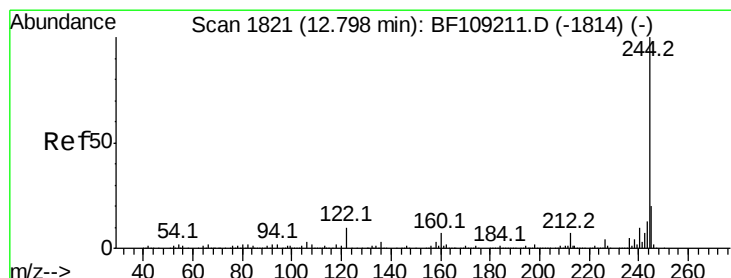
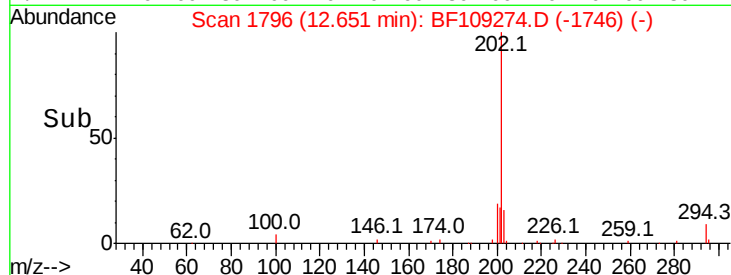
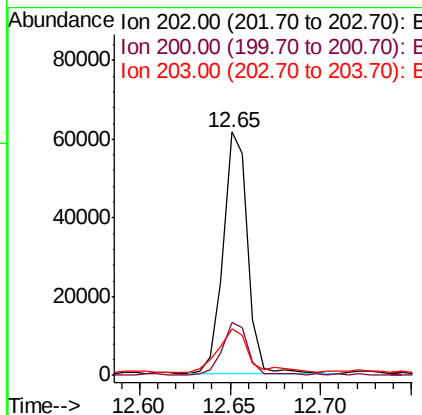
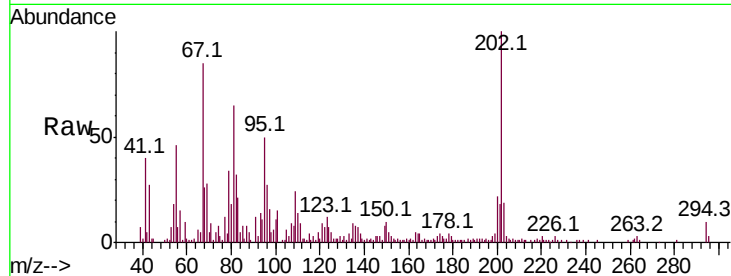
ClientSampleId :

JC-02-092118-F

Tot Ion:	202	Resp:	57980
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	19.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 26.220 ng

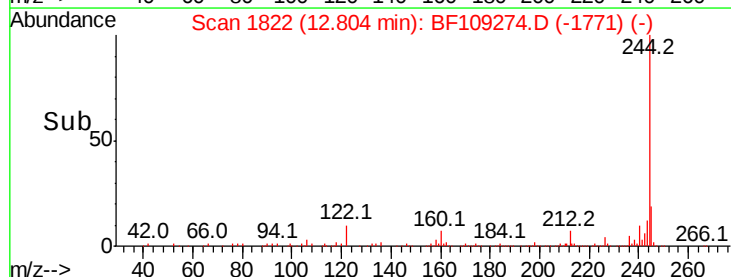
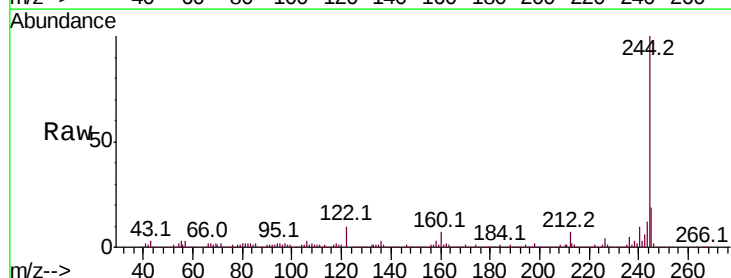
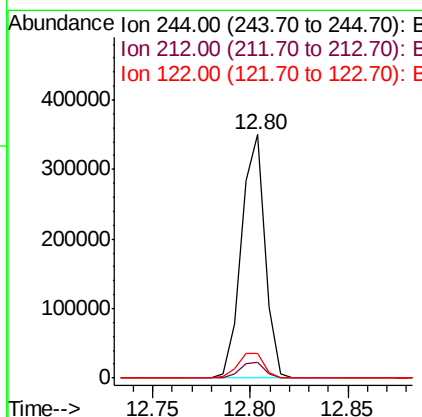
RT: 12.80 min Scan# 1822

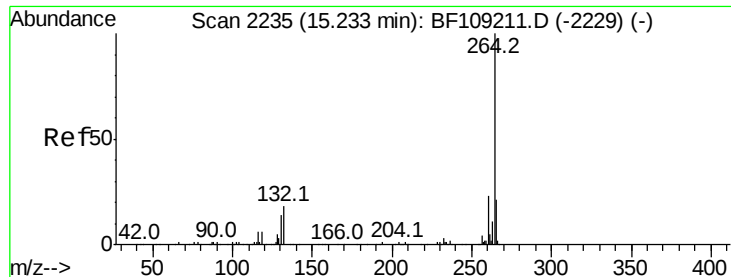
Delta R.T. -0.00 min

Lab File: BF109274.D

Acq: 24 Sep 2018 18:11

Tgt Ion:	244	Resp:	292891
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	10.1	11.0	16.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109274.D

Acq: 24 Sep 2018 18:11

Instrument :

BNA_F

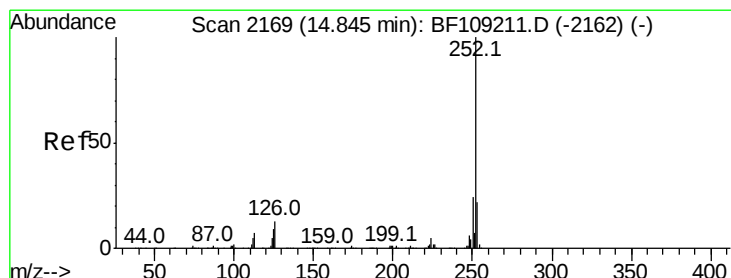
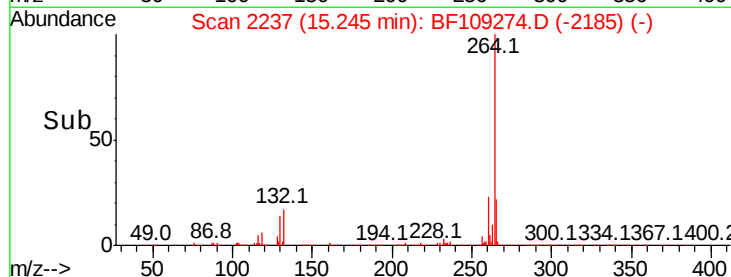
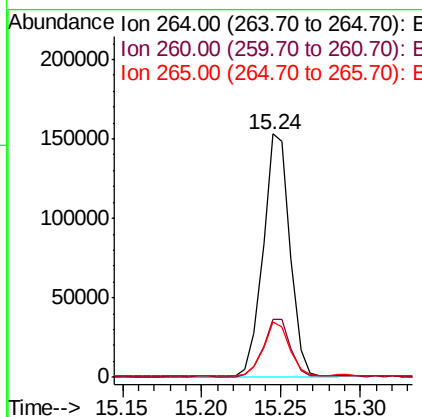
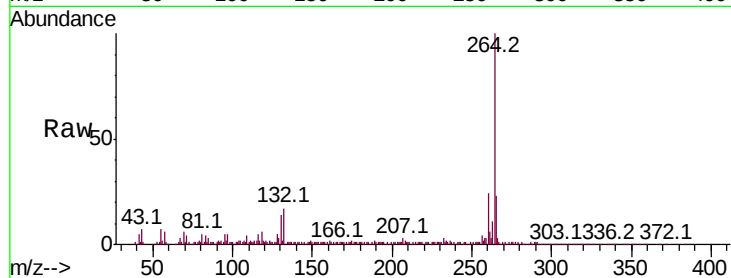
ClientSampleId :

JC-02-092118-F

Tot Ion:	264	Resp:	180718
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.7	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/26/2018 11:34:32 AM



#87

Benzo(b)fluoranthene

Concen: 2.767 ng m

RT: 14.85 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BF109274.D

Acq: 24 Sep 2018 18:11

Tgt Ion:	252	Resp:	27480
Ion Ratio	Lower	Upper	
252	100		
253	32.6	17.0	25.6#
125	26.5	9.0	13.6#

