

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
 Data File : BF109906.D
 Acq On : 16 Oct 2018 15:40
 Operator : JU/SJ
 Sample : J5526-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-4B-C-101518-3

Manual Integrations
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Sohil
 10/17/2018 11:15:19 AM

Quant Time: Oct 16 16:41:36 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	6.98	152	247780	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	914148	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	348434	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	530998	20.00	ng	0.00
76) Chrysene-d12	14.16	240	591151	20.00	ng	0.00
87) Perylene-d12	15.69	264	629990	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1386427	88.69	ng	0.00
7) Phenol-d6	6.60	99	1699459	87.56	ng	0.00
23) Nitrobenzene-d5	7.54	82	1036202	76.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	257943	85.51	ng	0.00
45) 2-Fluorobiphenyl	9.34	172	1543326	70.68	ng	0.00
79) Terphenyl-d14	13.10	244	1224311	43.49	ng	0.00
Target Compounds						
10) Phenol	6.61	94	85806	4.094	ng	Qvalue # 58
50) Dimethylphthalate	9.73	163	220330	8.930	ng	98
75) Fluoranthene	12.73	202	140470	5.115	ng	97
78) Pyrene	12.96	202	134452	3.097	ng	98
81) Benzo(a)anthracene	14.14	228	88601	2.545	ng	98
83) Chrysene	14.18	228	75151	2.267	ng	97
88) Benzo(b)fluoranthene	15.23	252	101496m	2.794	ng	
90) Benzo(a)pyrene	15.62	252	77617	2.324	ng	99

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

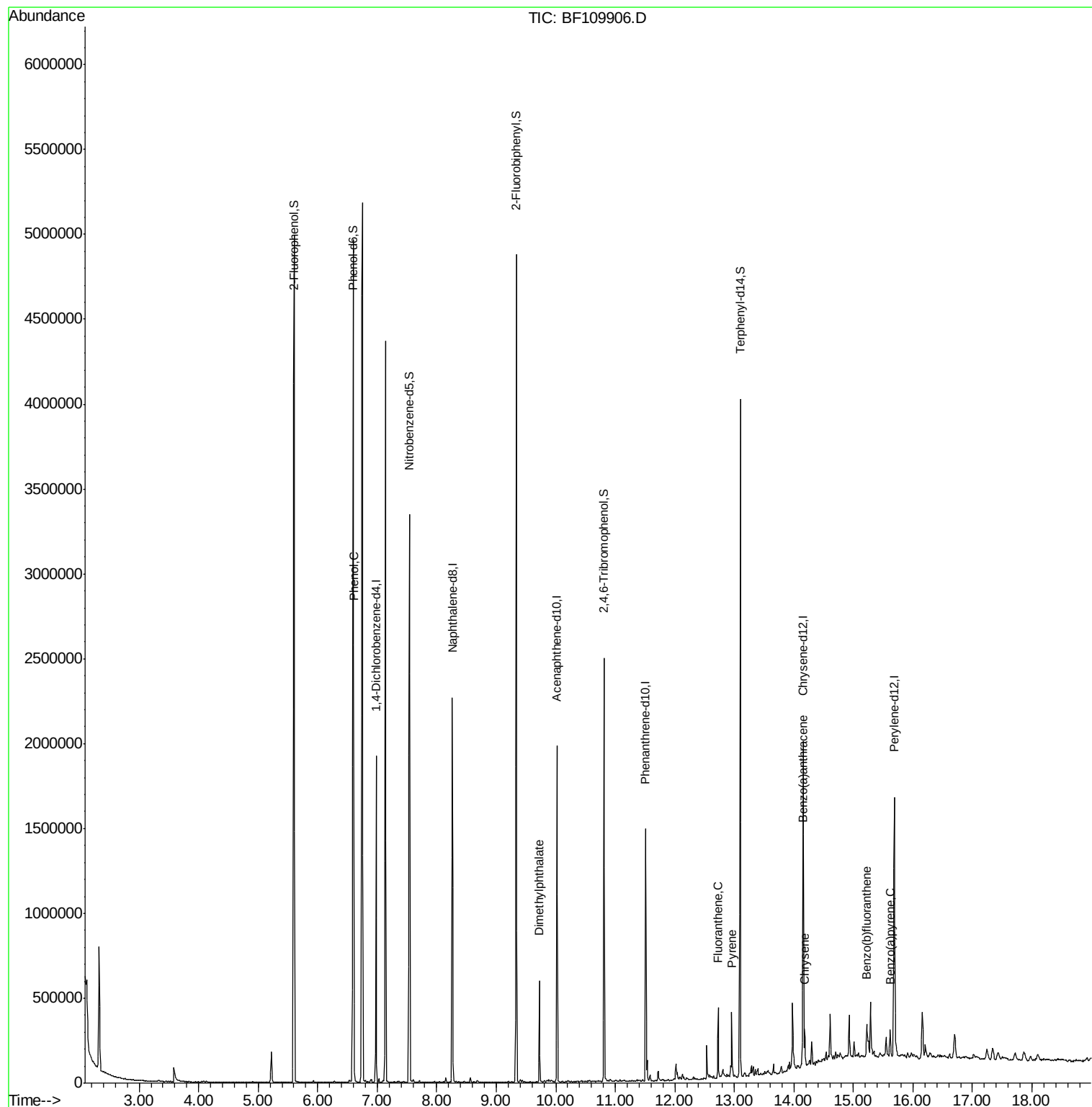
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101618\
Data File : BF109906.D
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Operator : JU/SJ
Sample : J5526-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

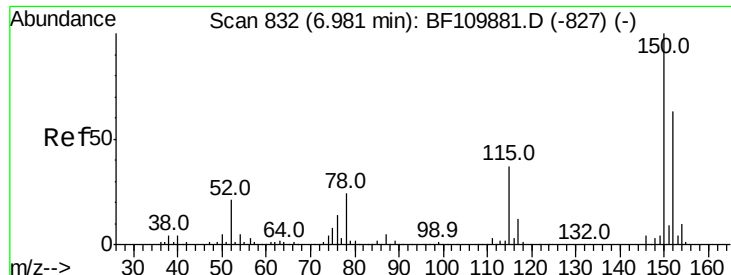
Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-3

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Quant Time: Oct 16 16:41:36 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
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#1

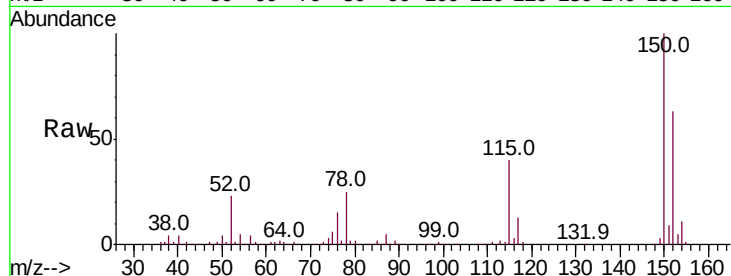
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF109906.D
Acq: 16 Oct 2018 15:40

Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.7	184.1
115	63.4	49.1	73.7

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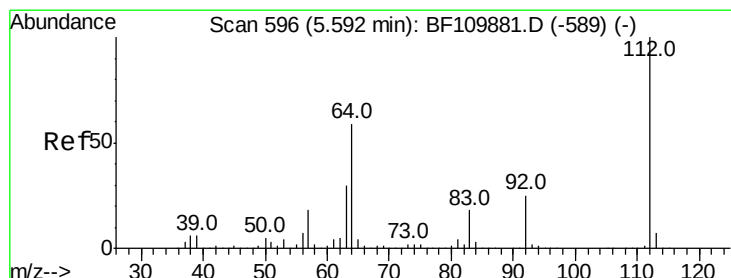
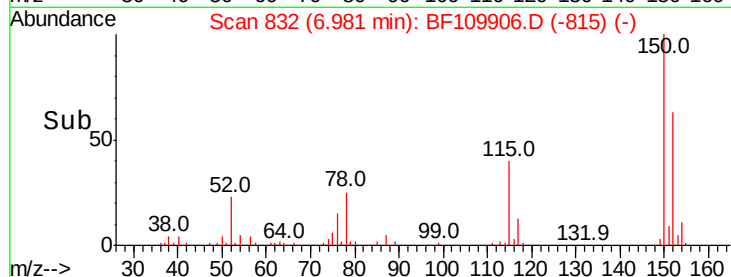
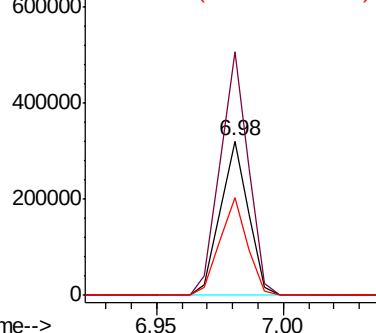


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

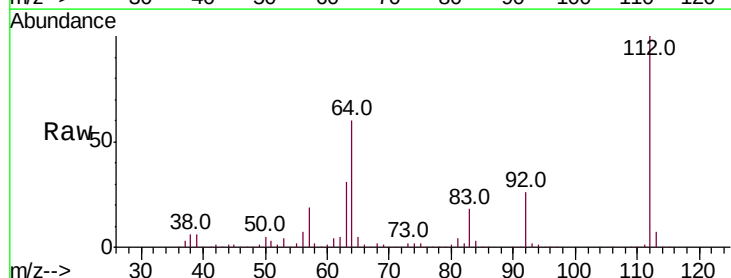
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.695 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF109906.D
Acq: 16 Oct 2018 15:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	44.1	66.1
63	31.2	23.7	35.5

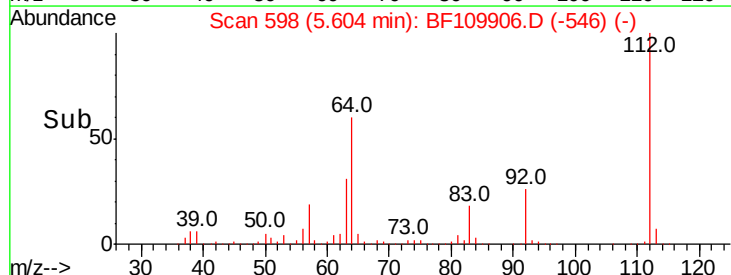
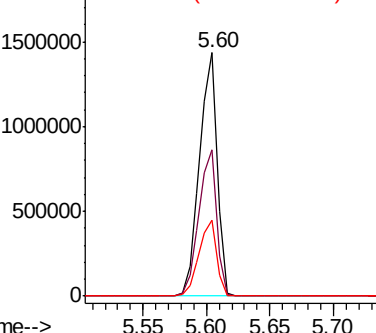


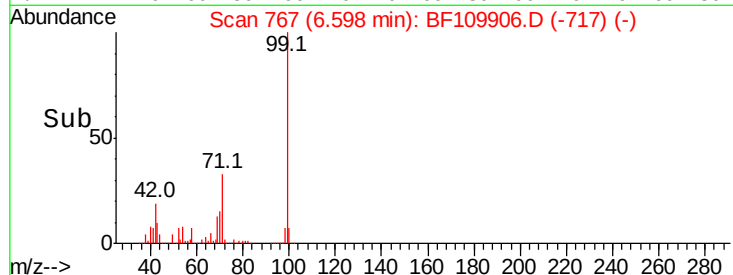
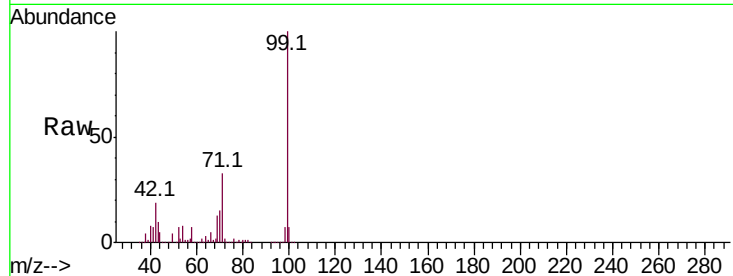
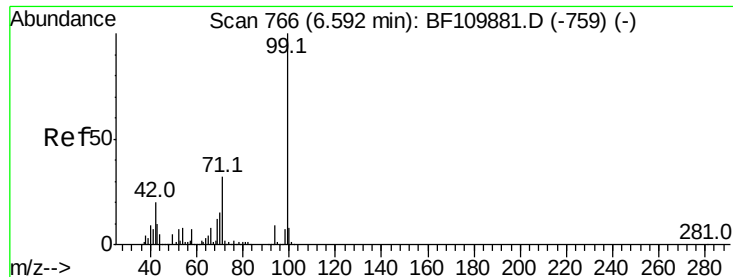
Abundance

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: 87.555 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF109906.D

Acq: 16 Oct 2018 15:40

Tot Ion:	99	Resp:	1699459
Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.8	23.6
71	33.3	28.0	42.0

Instrument :

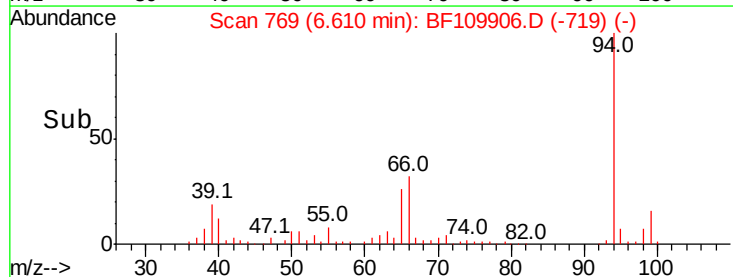
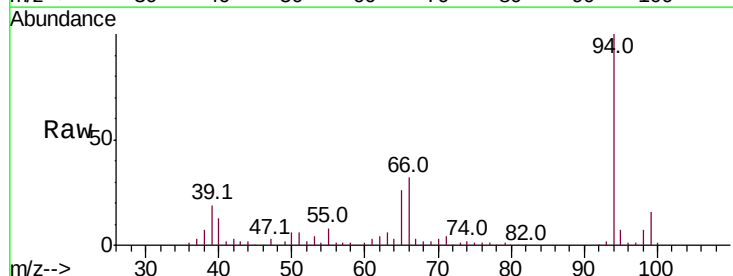
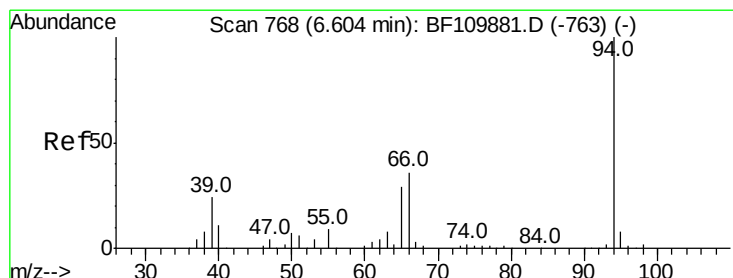
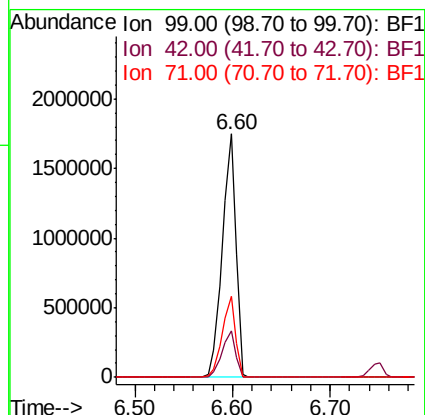
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 4.094 ng

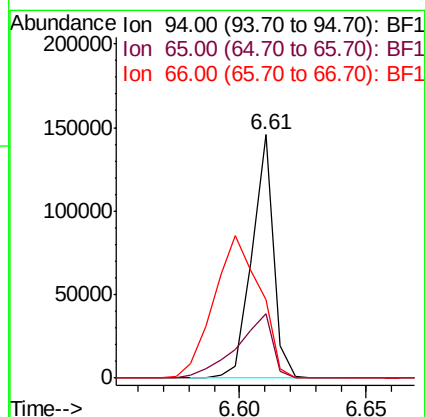
RT: 6.61 min Scan# 769

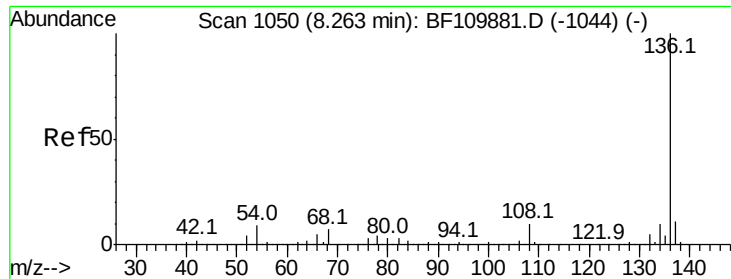
Delta R.T. -0.01 min

Lab File: BF109906.D

Acq: 16 Oct 2018 15:40

Tgt Ion:	94	Resp:	85806
Ion	Ratio	Lower	Upper
94	100		
65	26.4	25.3	65.3
66	32.4	54.5	94.5#





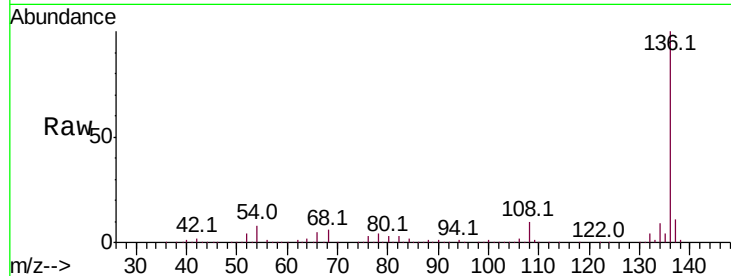
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF109906.D
Acq: 16 Oct 2018 15:40

Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-3

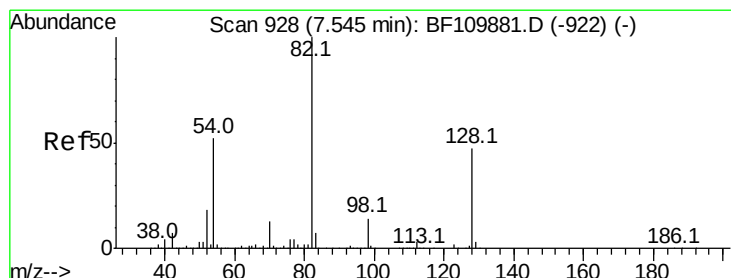
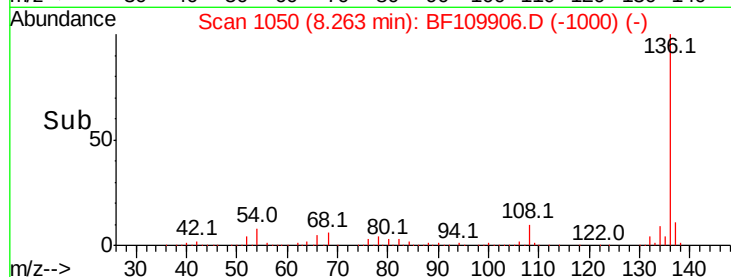
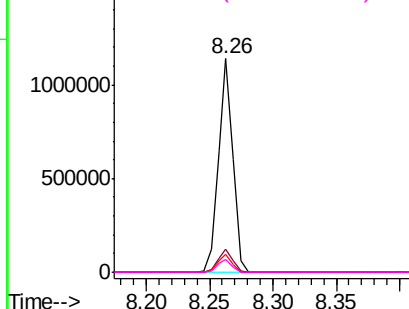
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	8.4	5.4	8.2	
68	6.1	4.2	6.2	

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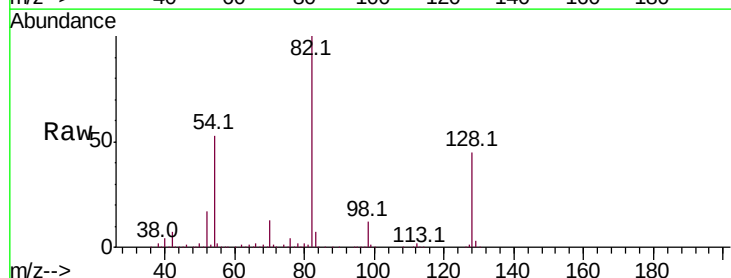


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

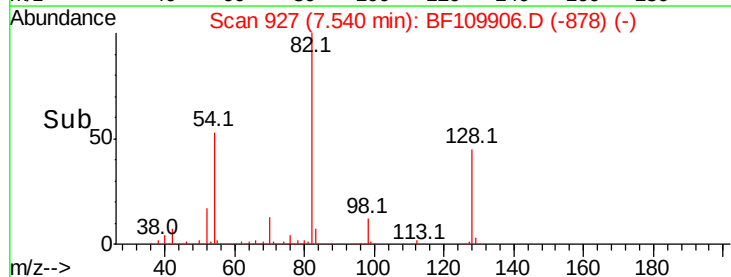
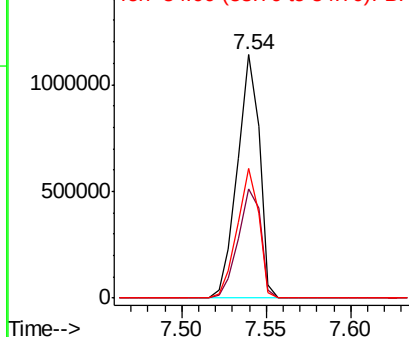


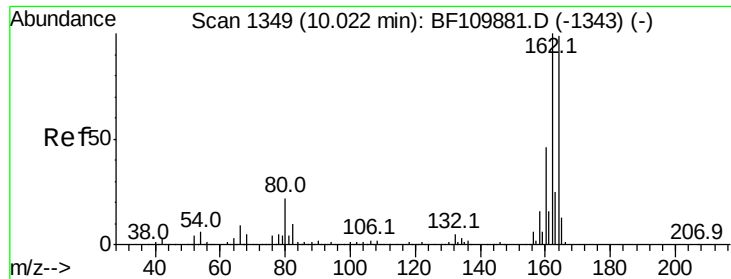
#23
Nitrobenzene-d5
Concen: 76.358 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109906.D
Acq: 16 Oct 2018 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.8	34.2	51.2	
54	53.3	38.6	58.0	



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





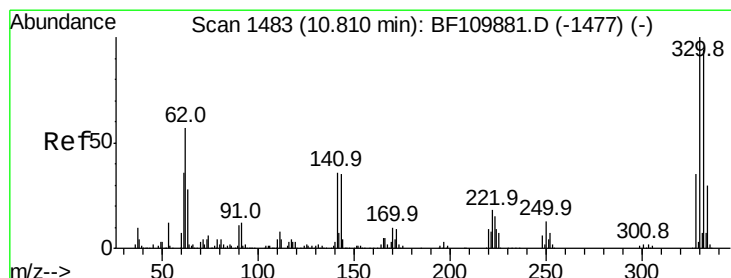
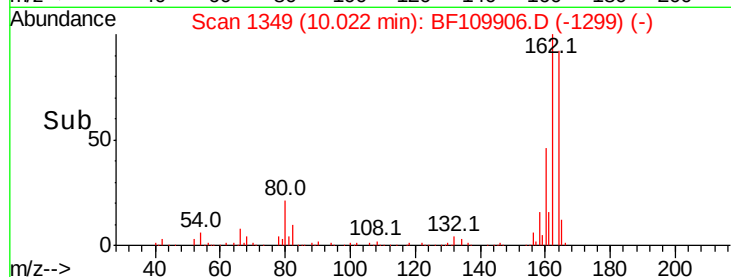
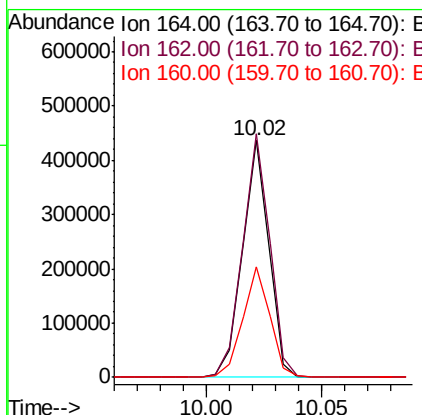
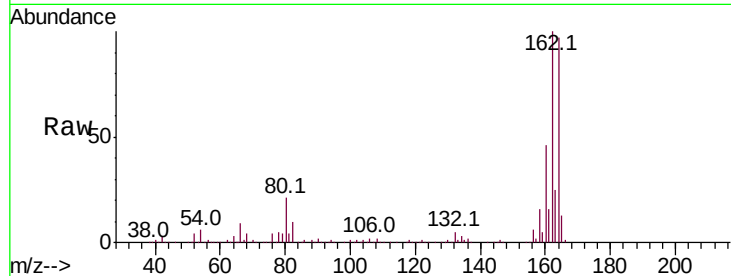
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF109906.D
 Acq: 16 Oct 2018 15:40

Instrument :
 BNA_F
 ClientSampleId :
 SUP-4B-C-101518-3

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	46.9	37.0	55.6

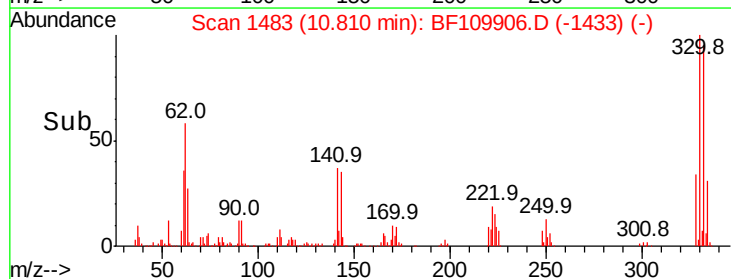
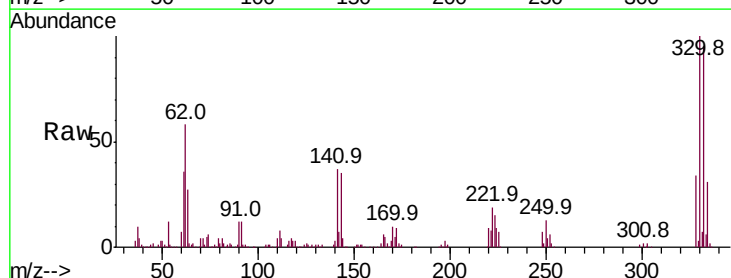
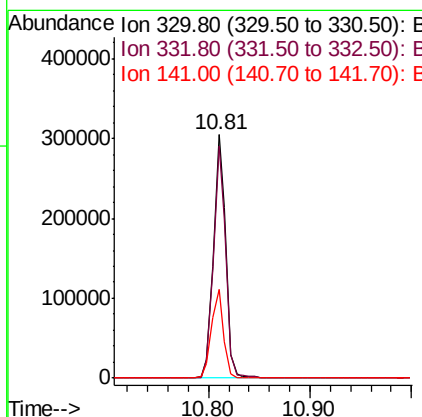
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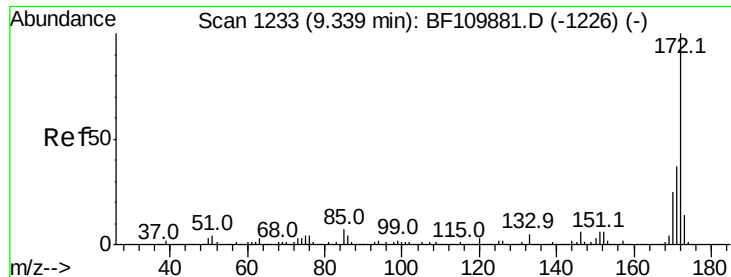
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#42
 2,4,6-Tribromophenol
 Concen: 85.506 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF109906.D
 Acq: 16 Oct 2018 15:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	35.6	27.0	40.4





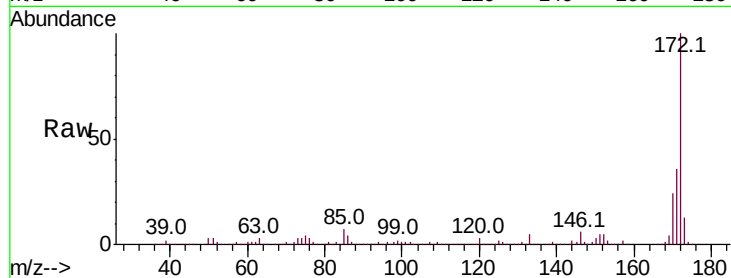
#45
2-Fluorobiphenyl
Concen: 70.677 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF109906.D
Acq: 16 Oct 2018 15:40

Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-3

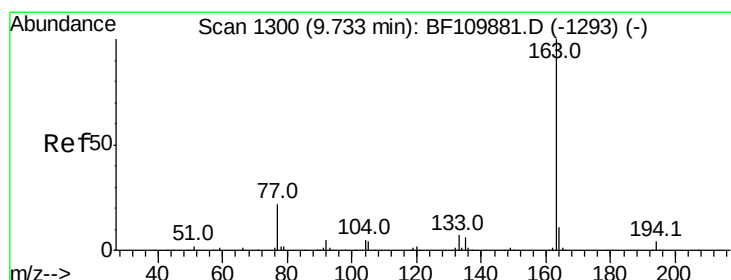
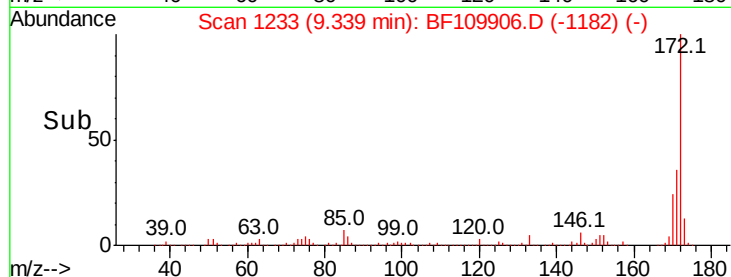
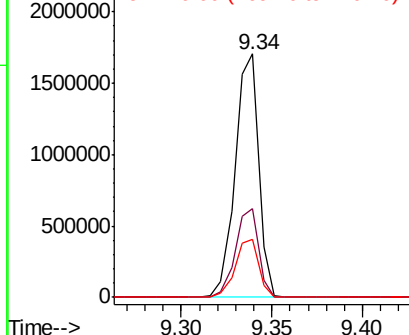
Tot Ion:172 Resp: 1543326
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.0 19.7 29.5

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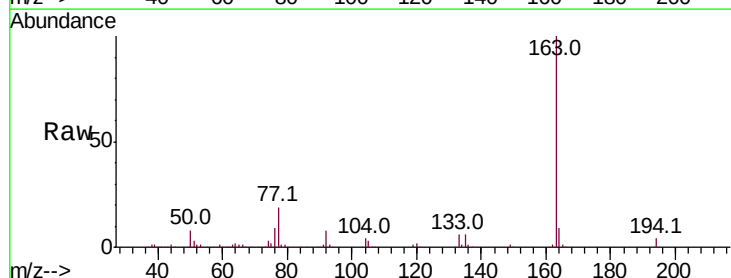


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

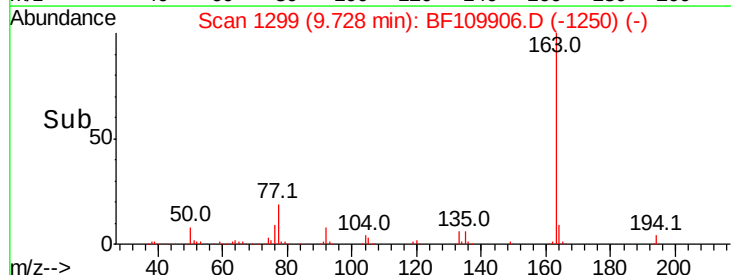
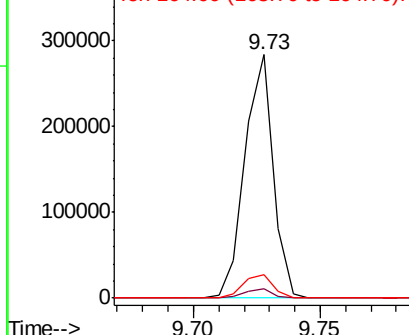


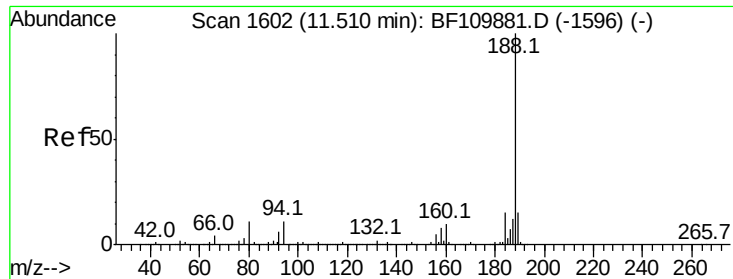
#50
Dimethylphthalate
Concen: 8.930 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109906.D
Acq: 16 Oct 2018 15:40

Tgt Ion:163 Resp: 220330
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.4 8.1 12.1



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF109906.D

Acq: 16 Oct 2018 15:40

Instrument :

BNA_F

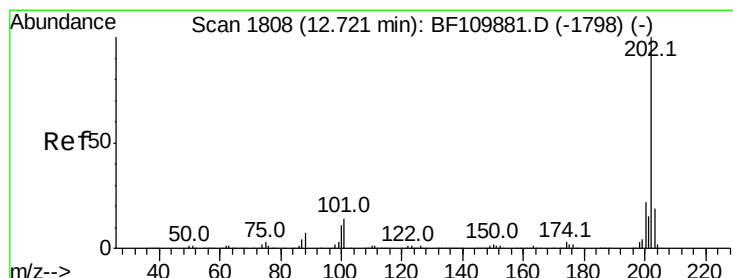
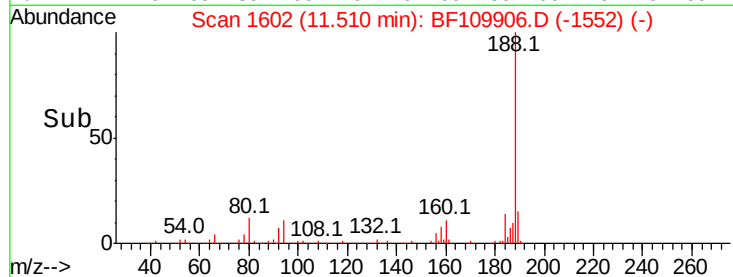
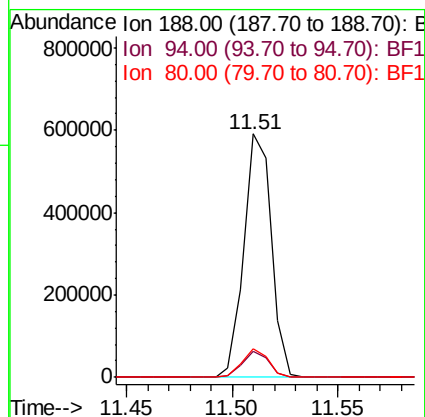
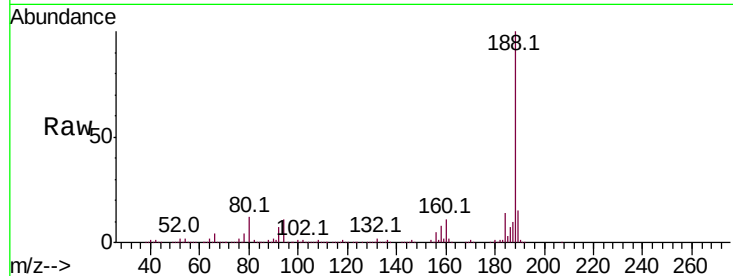
ClientSampleId :

SUP-4B-C-101518-3

Tot Ion:188	Resp: 530998
Ion Ratio	Lower Upper
188 100	
94 10.9	7.2 10.8#
80 11.9	7.9 11.9#

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#75

Fluoranthene

Concen: 5.115 ng

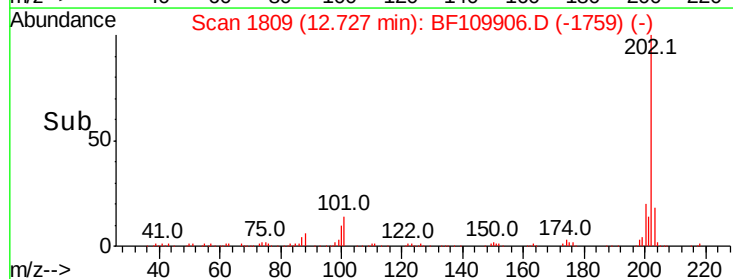
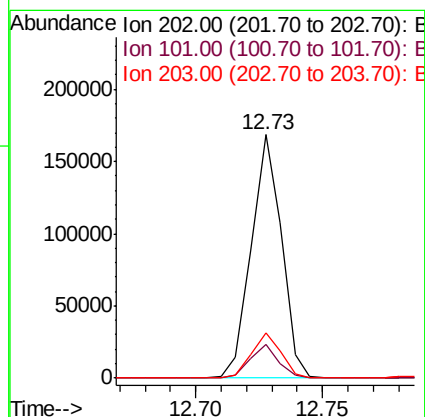
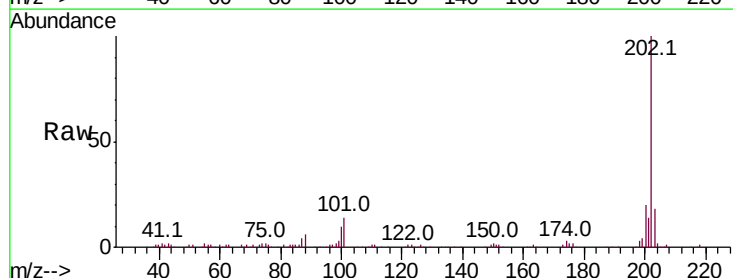
RT: 12.73 min Scan# 1809

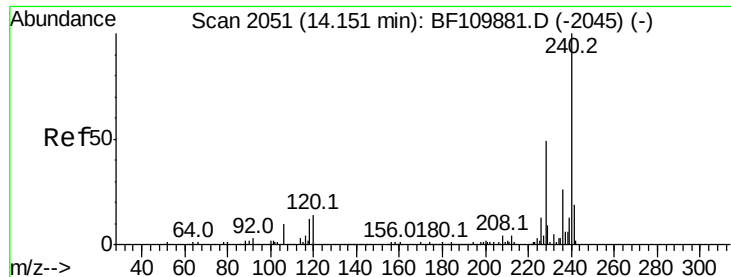
Delta R.T. -0.01 min

Lab File: BF109906.D

Acq: 16 Oct 2018 15:40

Tgt Ion:202	Resp: 140470
Ion Ratio	Lower Upper
202 100	
101 13.7	0.0 31.4
203 18.4	0.0 37.7





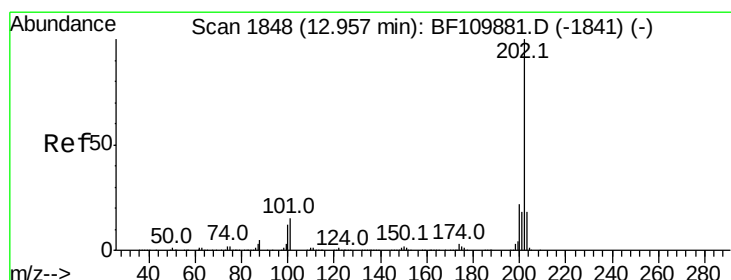
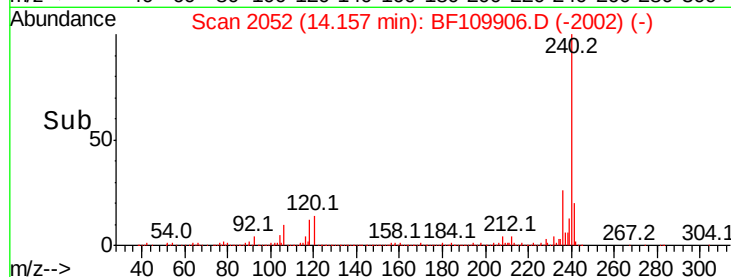
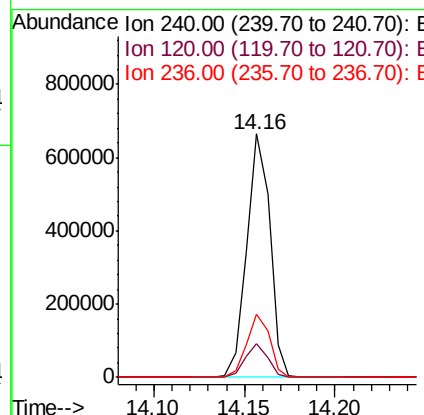
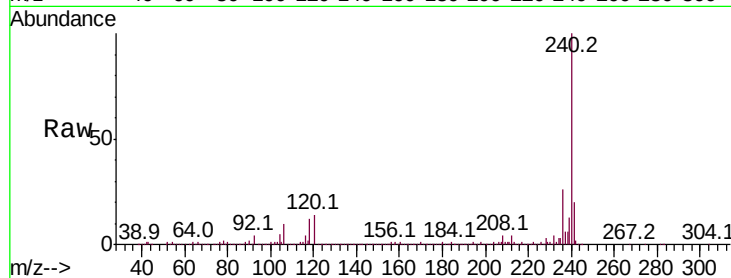
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF109906.D
Acq: 16 Oct 2018 15:40

Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.3	12.5#
236	25.7	21.2	31.8

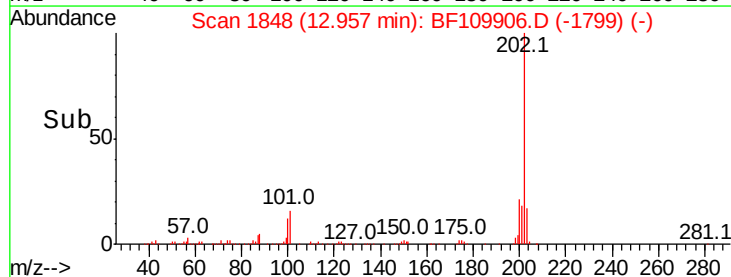
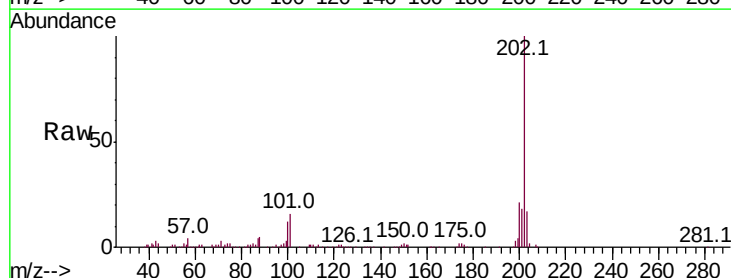
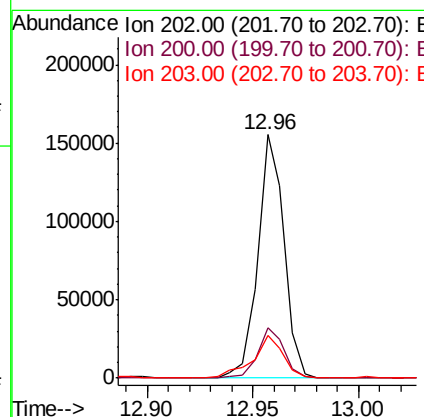
Manual Integrations
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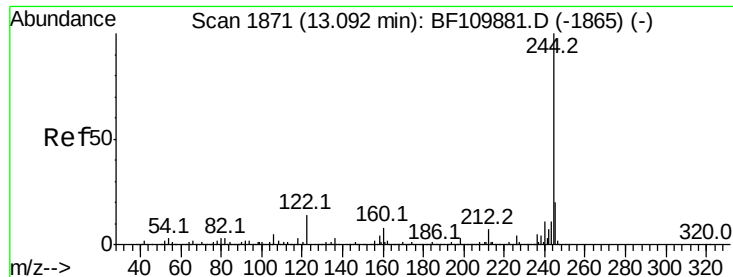
Sohil
10/17/2018 11:15:19 AM



#78
Pyrene
Concen: 3.097 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF109906.D
Acq: 16 Oct 2018 15:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	17.4	14.2	21.4





#79

Terphenyl-d14

Concen: 43.491 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF109906.D

Acq: 16 Oct 2018 15:40

Instrument :

BNA_F

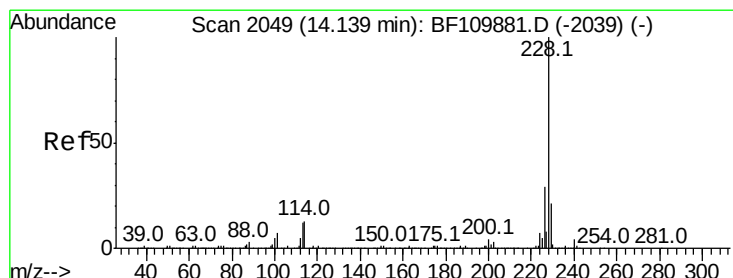
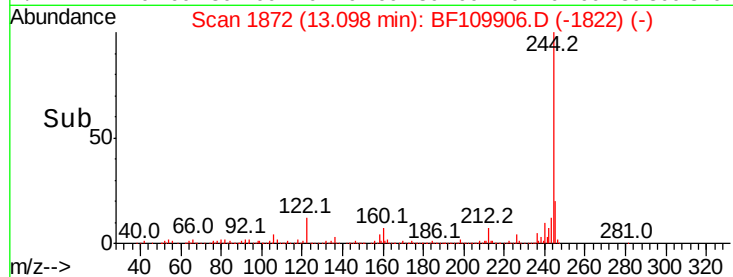
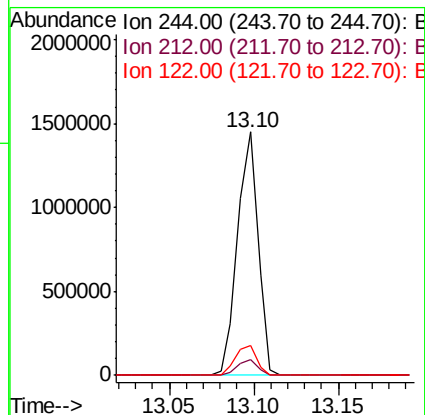
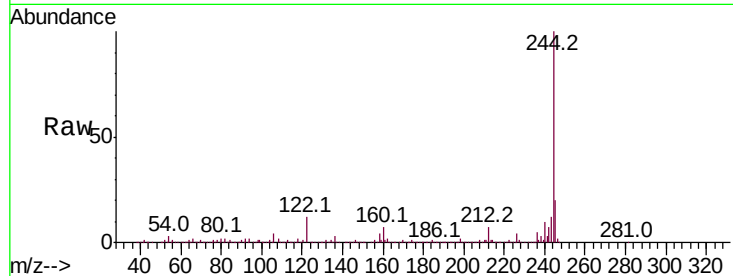
ClientSampleId :

SUP-4B-C-101518-3

Tot Ion:	244	Resp:	1224311
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.8	8.8
122	12.4	8.7	13.1

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#81

Benzo(a)anthracene

Concen: 2.545 ng

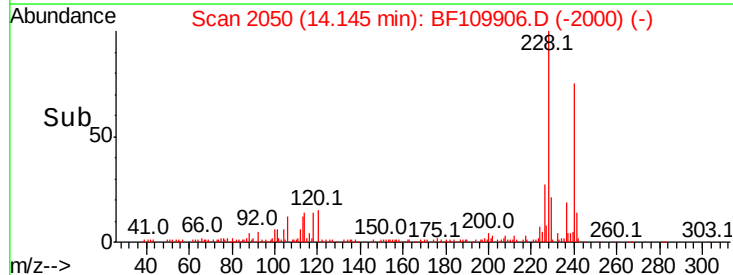
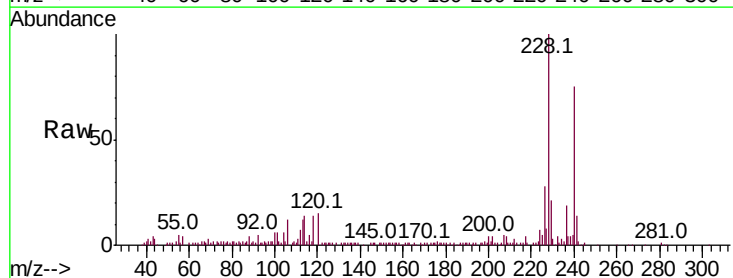
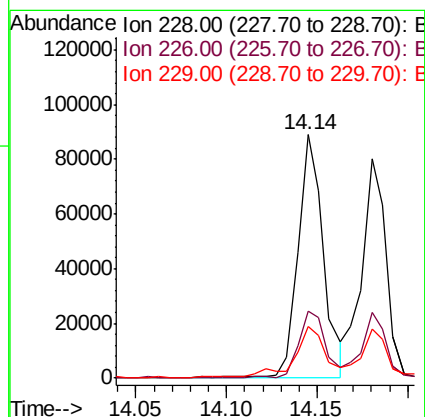
RT: 14.14 min Scan# 2050

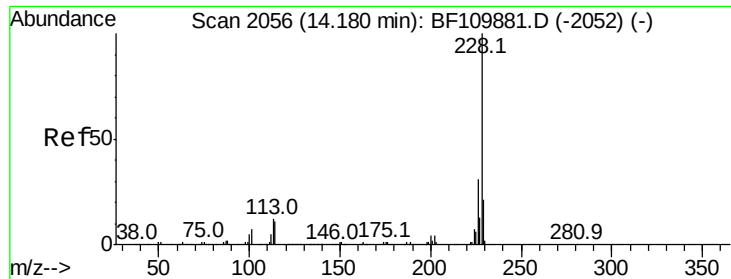
Delta R.T. -0.01 min

Lab File: BF109906.D

Acq: 16 Oct 2018 15:40

Tgt Ion:	228	Resp:	88601
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.1	33.1
229	21.2	15.6	23.4





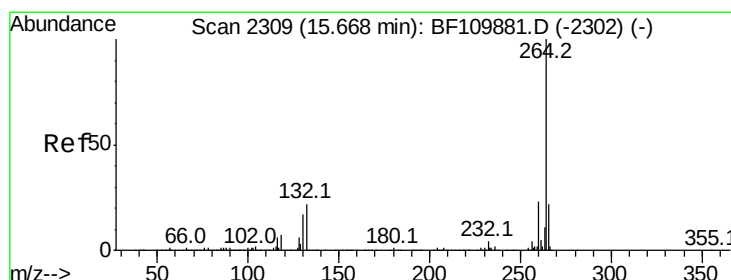
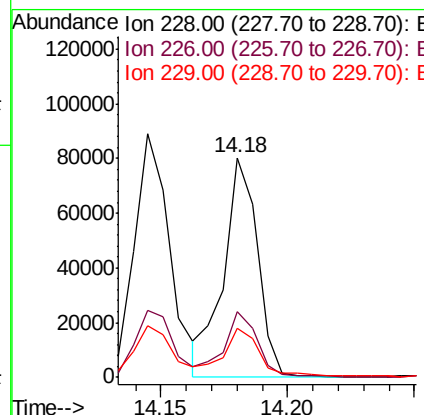
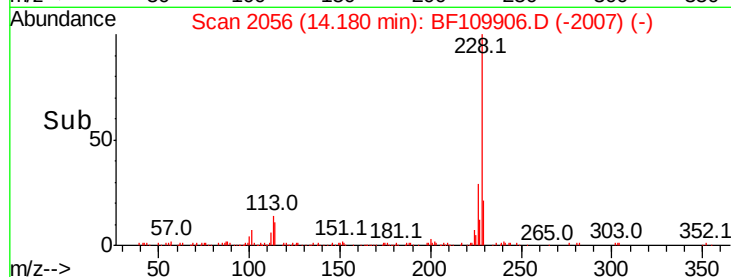
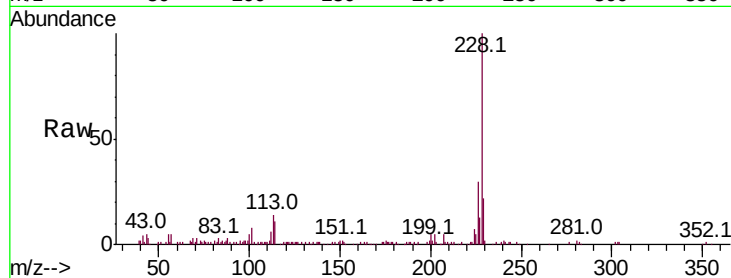
#83
Chrysene
Concen: 2.267 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF109906.D
Acq: 16 Oct 2018 15:40

Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	22.3	15.9	23.9

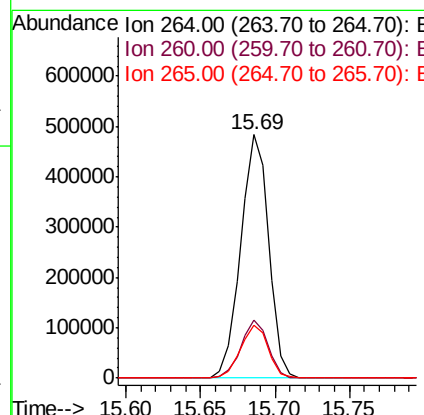
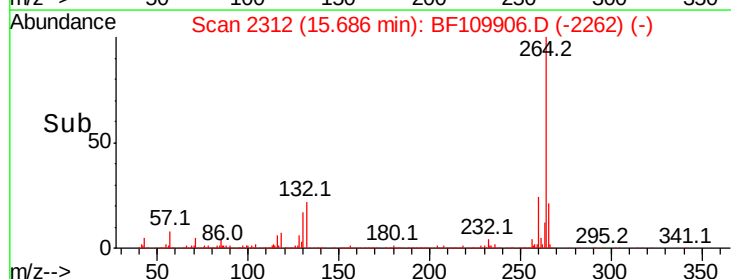
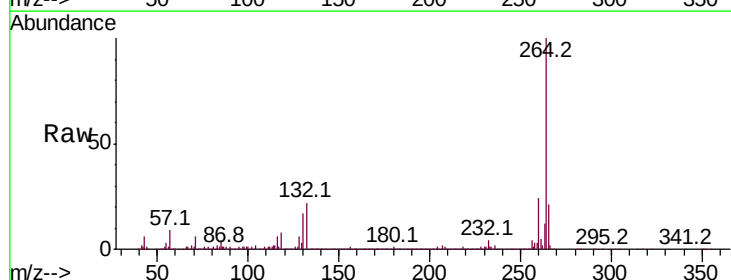
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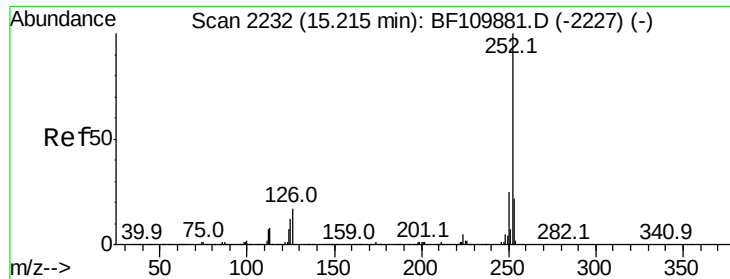
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF109906.D
Acq: 16 Oct 2018 15:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.5	16.7	25.1





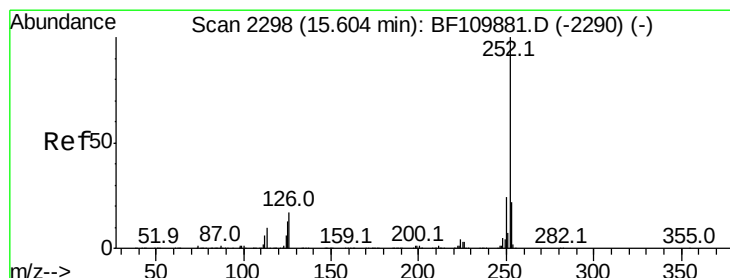
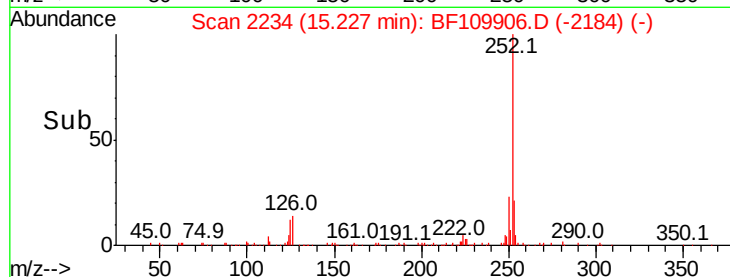
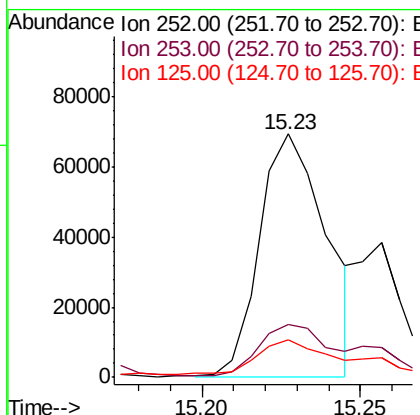
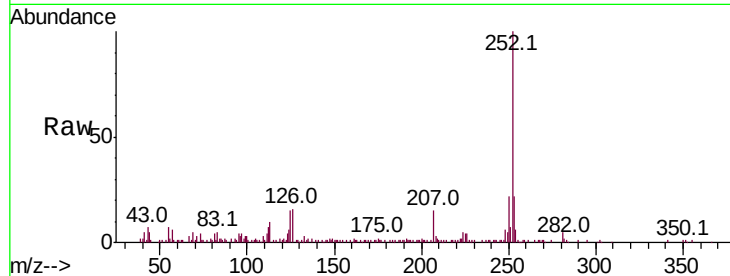
#88
Benzo(b)fluoranthene
Concen: 2.794 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF109906.D
Acq: 16 Oct 2018 15:40

Instrument :
BNA_F
ClientSampleId :
SUP-4B-C-101518-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	15.4	8.2	12.4

Manual Integrations
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Sohil
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#90
Benzo(a)pyrene
Concen: 2.324 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF109906.D
Acq: 16 Oct 2018 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	12.7	9.0	13.6

