

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110177.D
 Acq On : 25 Oct 2018 22:57
 Operator : JU/SJ
 Sample : J5625-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-07

Manual Integrations
 APPROVED

Sohil
 10/26/2018 3:49:27 PM

Quant Time: Oct 26 05:34:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	156732	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	594564	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	240356	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	356435	20.00	ng	-0.02
76) Chrysene-d12	14.15	240	276754	20.00	ng	-0.01
87) Perylene-d12	15.67	264	209773	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	880548	91.49	ng	0.00
7) Phenol-d6	6.59	99	1096663	89.08	ng	-0.01
23) Nitrobenzene-d5	7.53	82	672552	67.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	182077	76.47	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1080016	70.56	ng	-0.02
79) Terphenyl-d14	13.09	244	731317	54.96	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	126311	9.599	ng	Qvalue # 61
31) Naphthalene	8.27	128	82068	2.995	ng	98
49) Acenaphthylene	9.87	152	205385	8.919	ng	98
50) Dimethylphthalate	9.72	163	192289	10.838	ng	99
58) Fluorene	10.56	166	33932	2.138	ng	# 94
71) Phenanthrene	11.53	178	415453	22.276	ng	99
72) Anthracene	11.57	178	140373	7.509	ng	98
75) Fluoranthene	12.72	202	739400	39.064	ng	100
78) Pyrene	12.96	202	1100223	55.452	ng	99
81) Benzo(a)anthracene	14.14	228	499510m	30.436	ng	
83) Chrysene	14.17	228	473821	30.396	ng	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	143076	11.064	ng	100
88) Benzo(b)fluoranthene	15.22	252	427219m	35.268	ng	
89) Benzo(k)fluoranthene	15.25	252	91078m	7.648	ng	
90) Benzo(a)pyrene	15.61	252	291000	26.107	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	41242m	4.288	ng	
92) Benzo(g,h,i)perylene	17.72	276	145809	15.385	ng	98

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

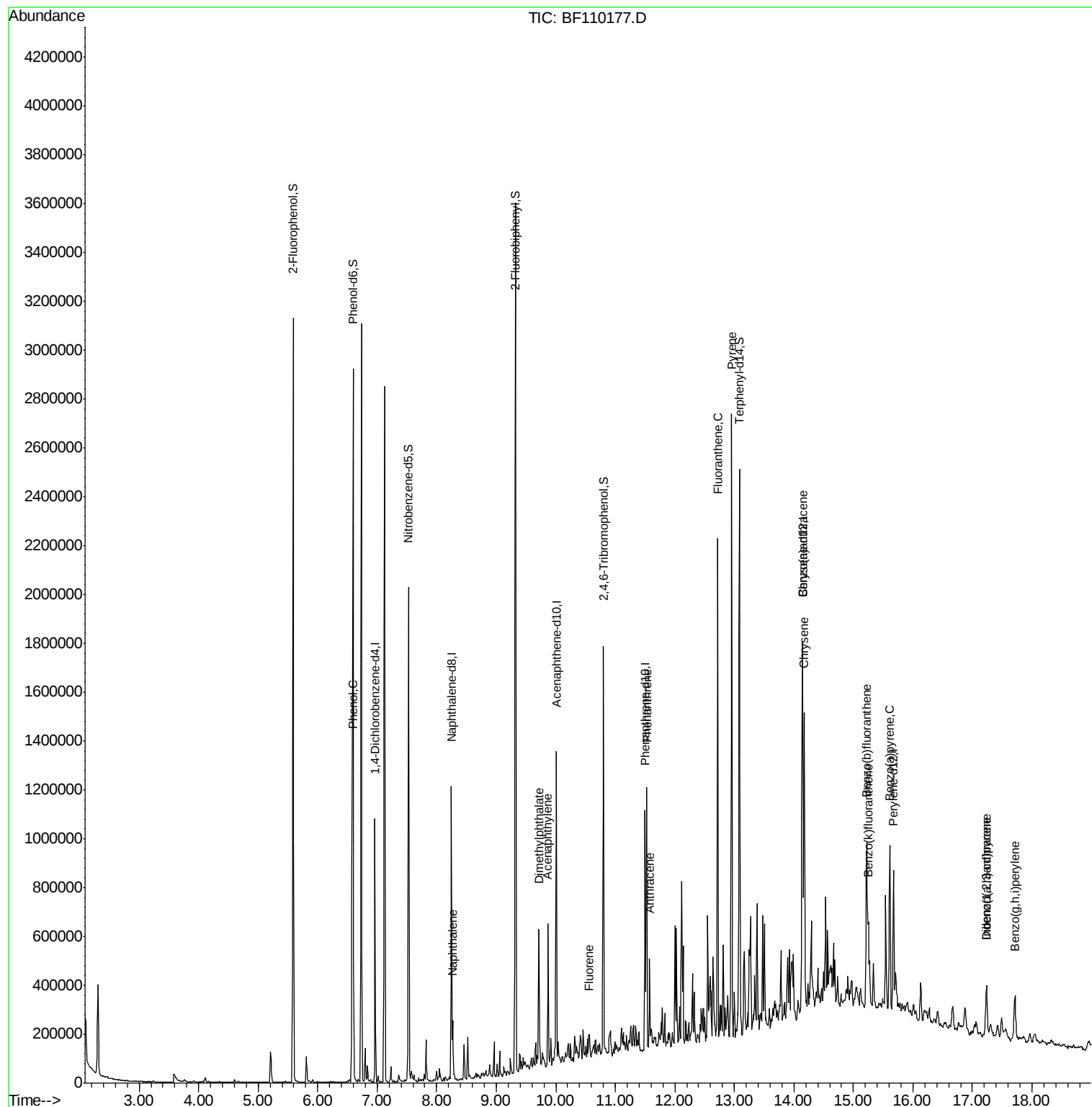
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110177.D
Acq On : 25 Oct 2018 22:57
Operator : JU/SJ
Sample : J5625-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

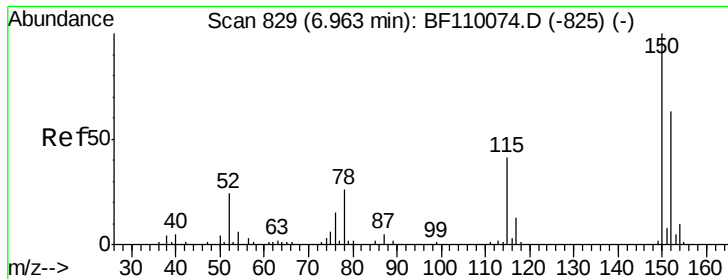
Instrument :
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DW-07

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Quant Time: Oct 26 05:34:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

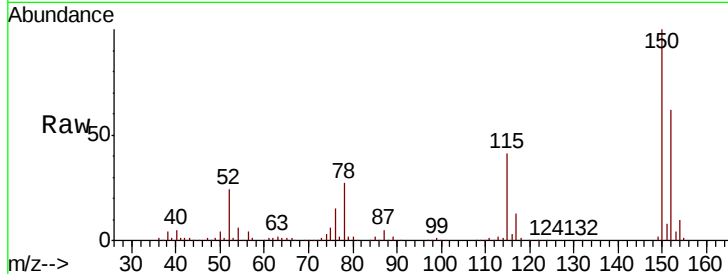
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Instrument :
BNA_F
ClientSampleId :
DW-07

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	122.7	184.1
115	66.5	49.1	73.7

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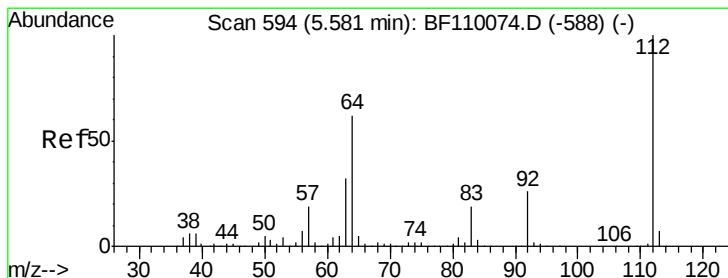
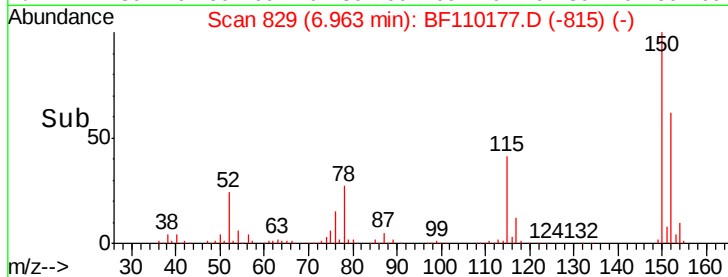
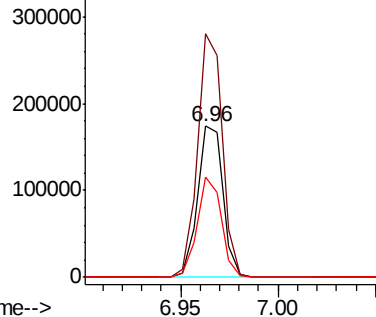


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

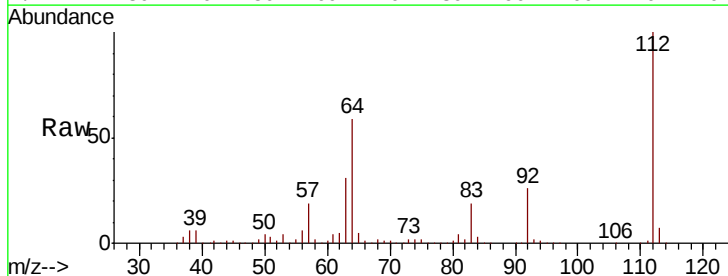
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.489 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.1	66.1
63	31.1	23.7	35.5

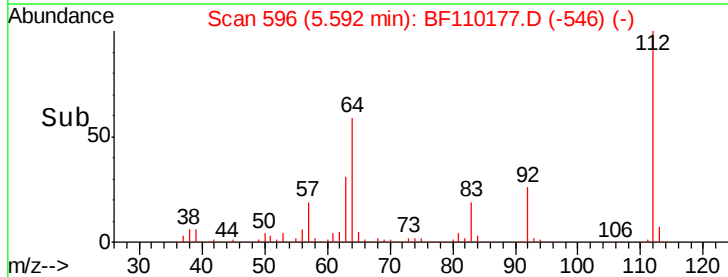
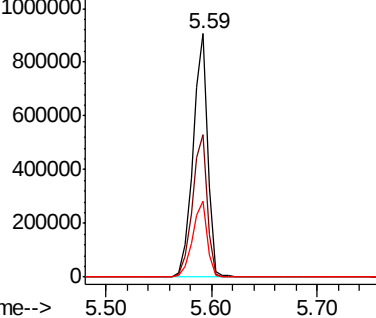


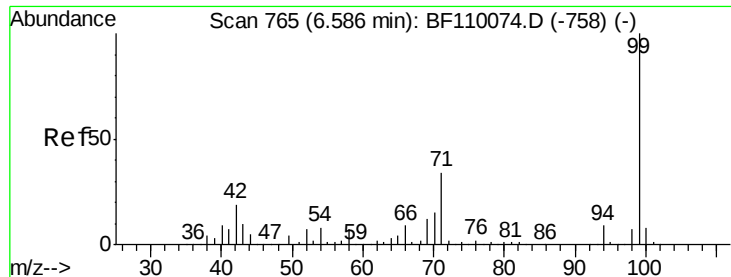
Abundance

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: 89.083 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110177.D

Acq: 25 Oct 2018 22:57

Instrument :

BNA_F

ClientSampleId :

DW-07

Tot Ion: 99 Resp: 1096663

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

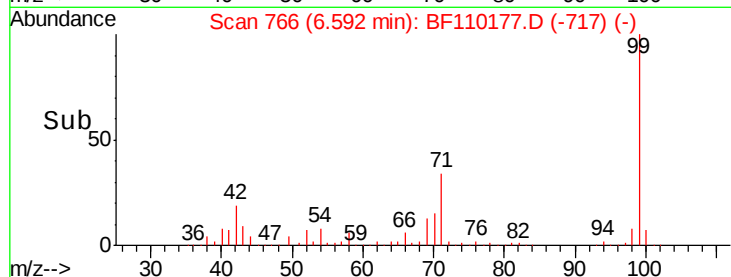
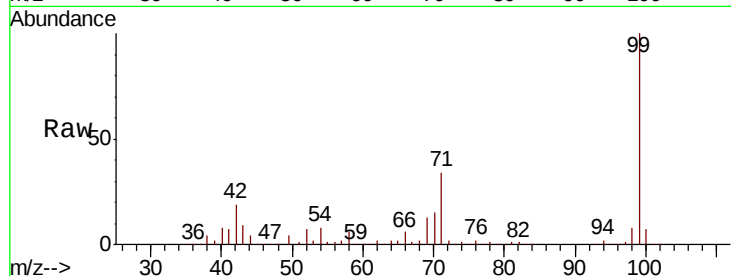
71 34.5 28.0 42.0

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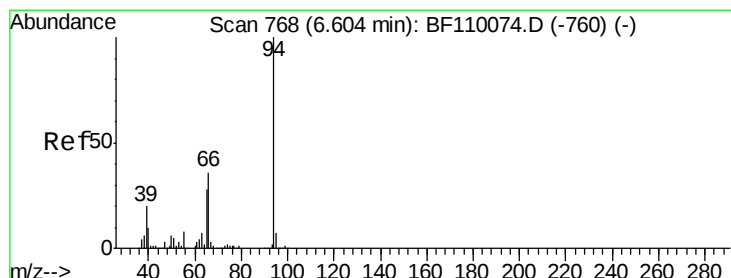
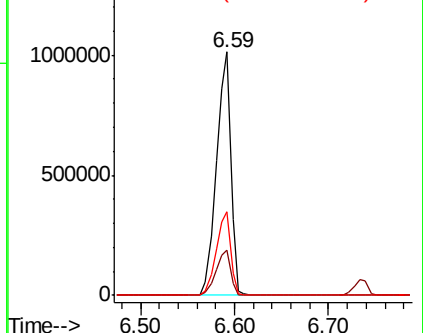
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 9.599 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110177.D

Acq: 25 Oct 2018 22:57

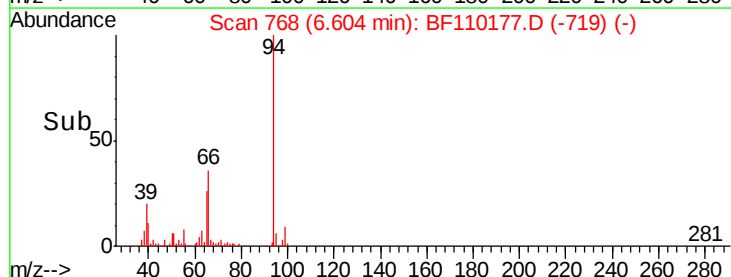
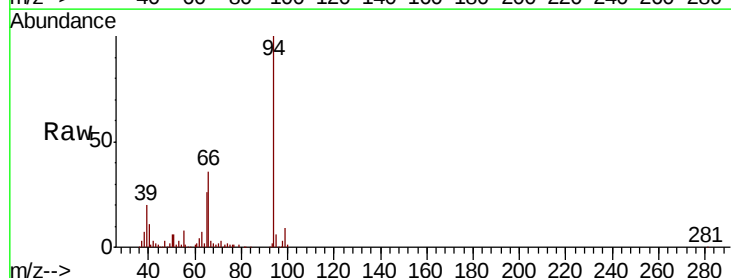
Tgt Ion: 94 Resp: 126311

Ion Ratio Lower Upper

94 100

65 26.1 25.3 65.3

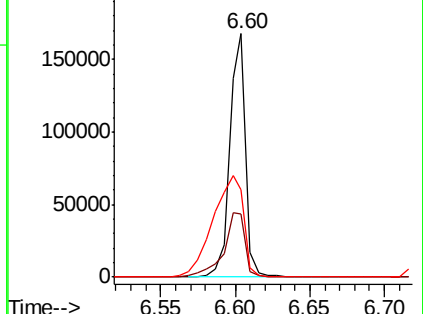
66 36.0 54.5 94.5#

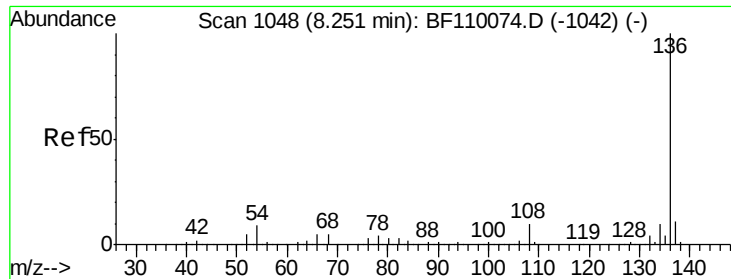


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





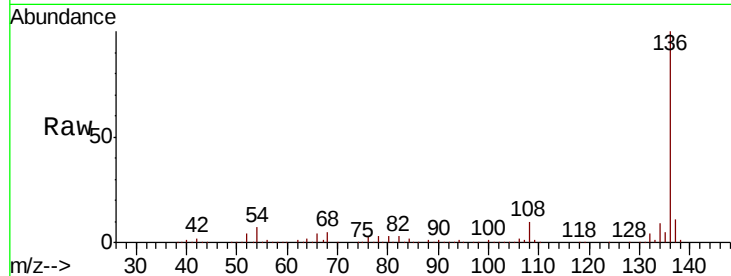
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Instrument :
BNA_F
ClientSampleID :
DW-07

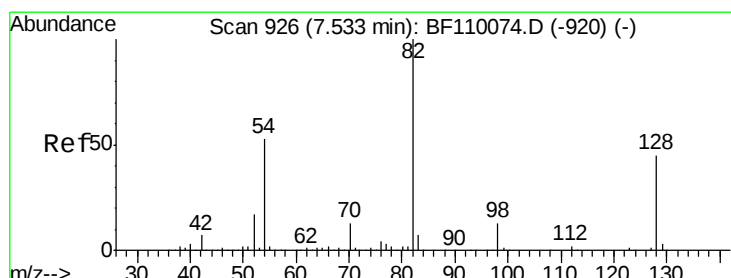
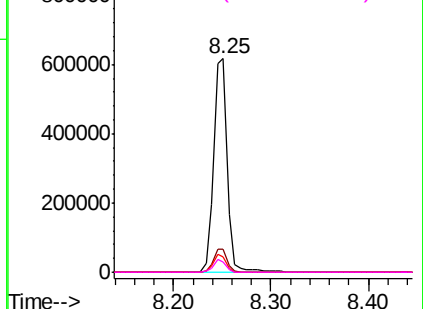
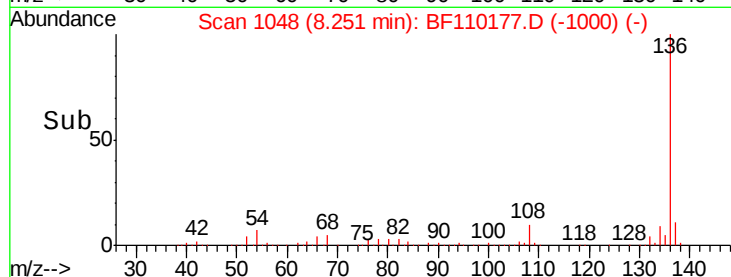
Tot Ion	Ratio	Resp	Lower	Upper
136	100	594564		
137	10.8		8.8	13.2
54	7.0		5.4	8.2
68	5.0		4.2	6.2

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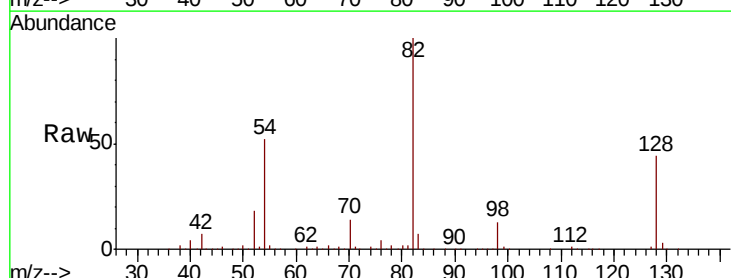


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

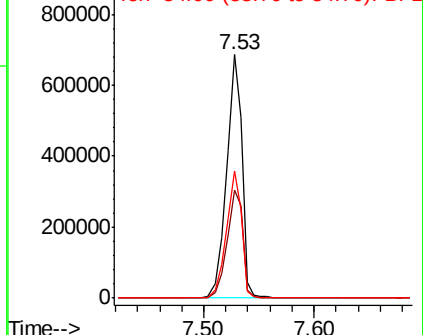
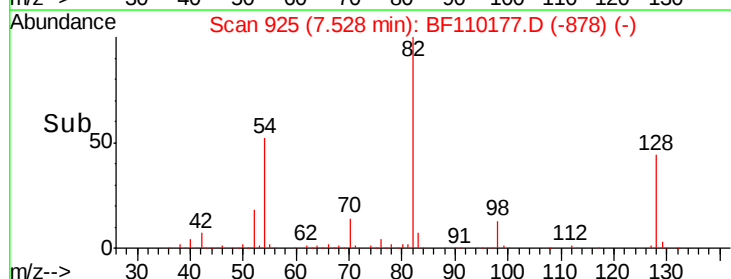


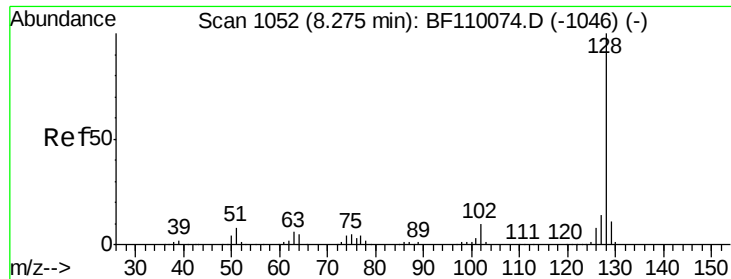
#23
Nitrobenzene-d5
Concen: 67.093 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	672552		
128	44.5		34.2	51.2
54	52.5		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





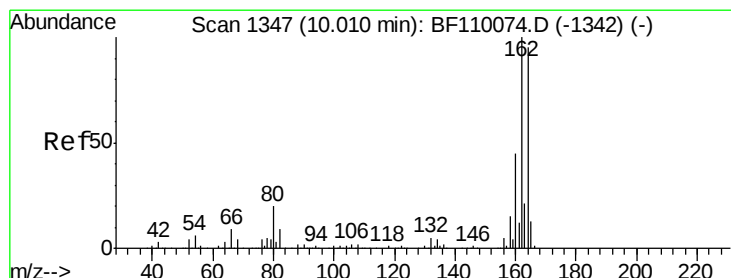
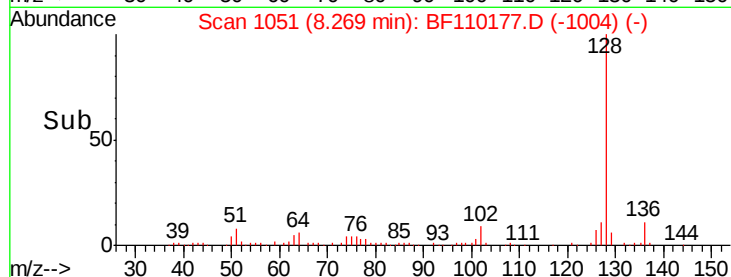
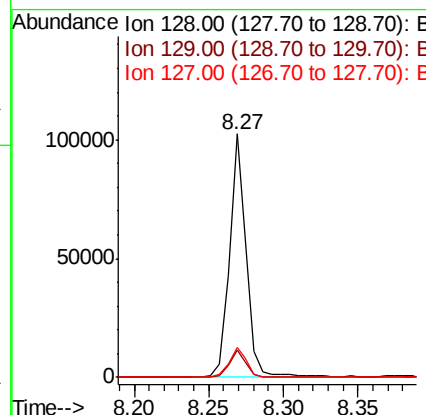
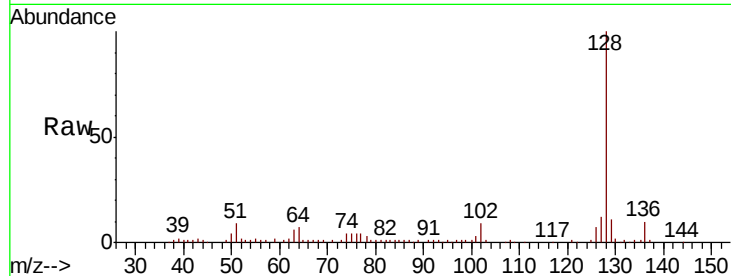
#31
Naphthalene
Concen: 2.995 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Instrument :
BNA_F
ClientSampleId :
DW-07

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.4	10.8	16.2

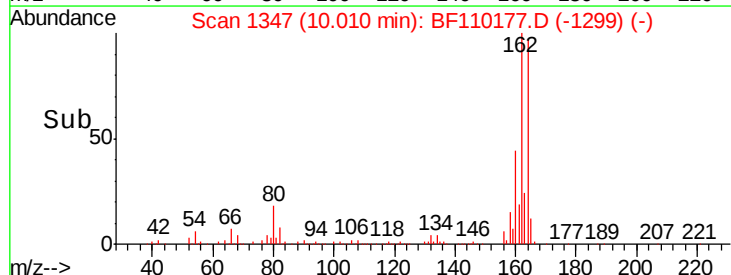
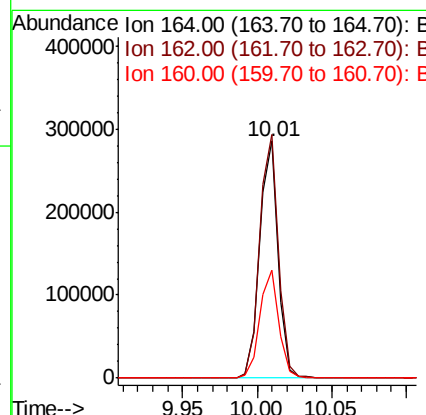
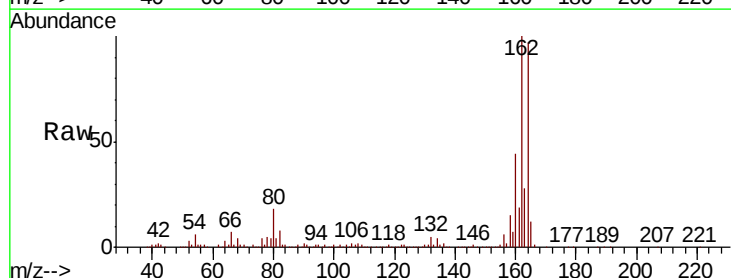
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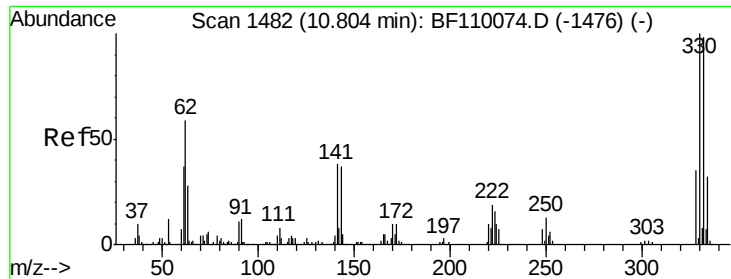
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	45.6	37.0	55.6





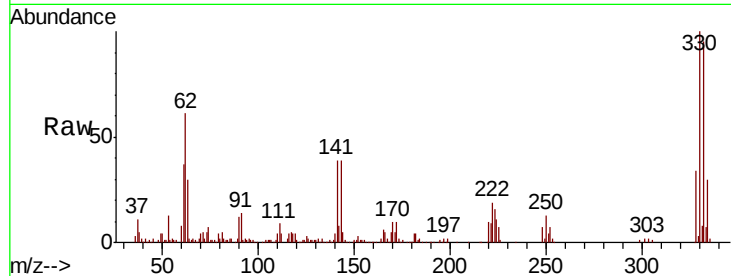
#42
 2,4,6-Tribromophenol
 Concen: 76.474 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110177.D
 Acq: 25 Oct 2018 22:57

Instrument :
 BNA_F
 ClientSampled :
 DW-07

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.1	115.7
141	36.6	27.0	40.4

Manual Integrations
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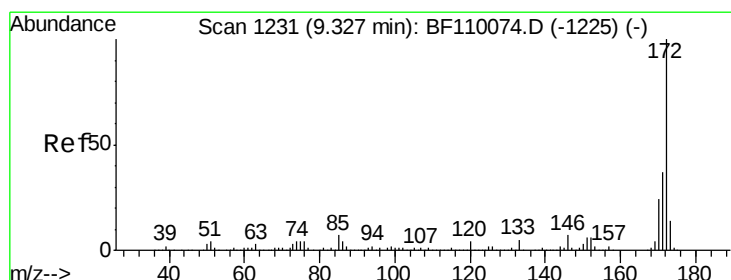
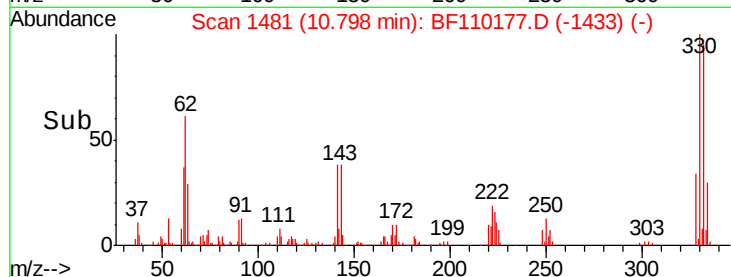
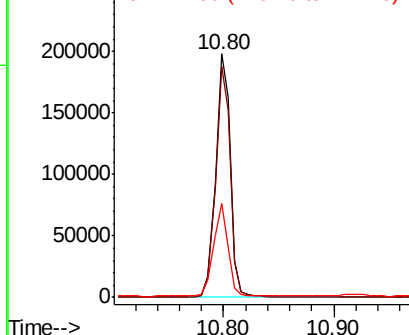


Abundance

Ion 329.80 (329.50 to 330.50): E

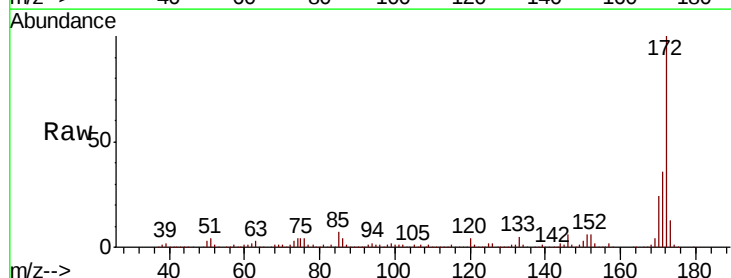
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 70.558 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110177.D
 Acq: 25 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.8	19.7	29.5

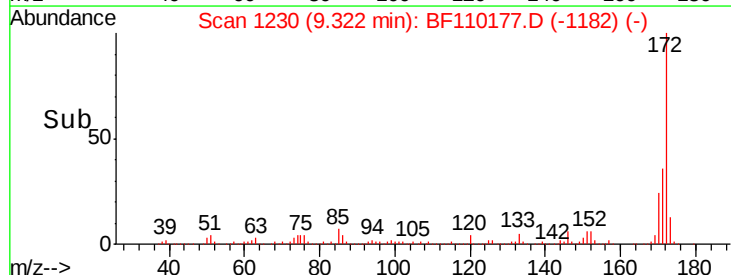
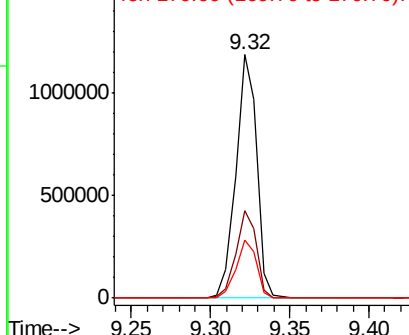


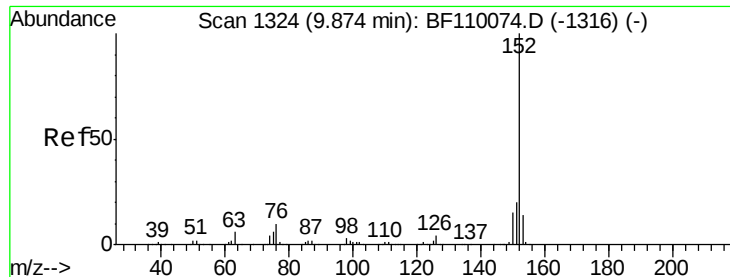
Abundance

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





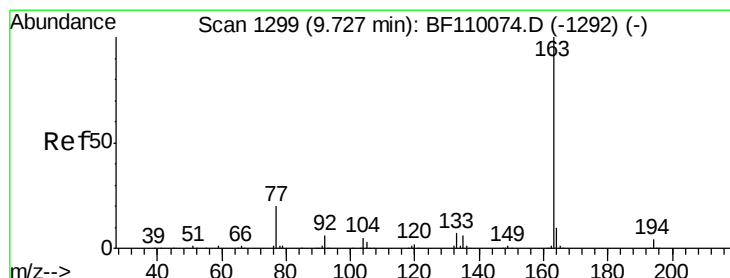
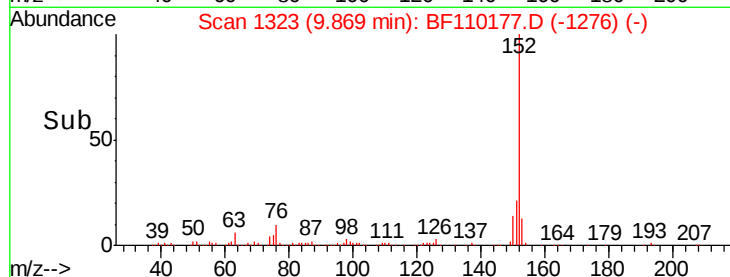
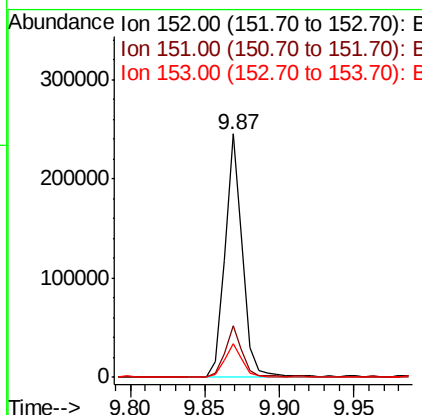
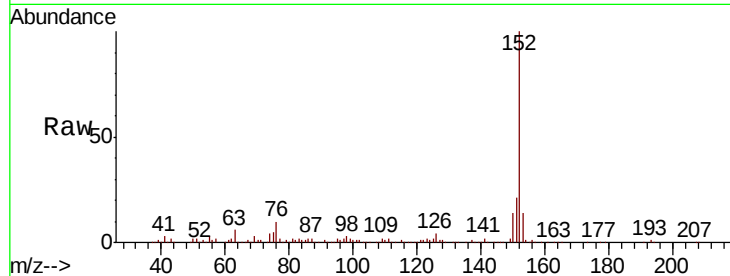
#49
Acenaphthylene
Concen: 8.919 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Instrument :
BNA_F
ClientSampleId :
DW-07

Tot Ion	Ratio	Resp	Lower	Upper
152	100	205385		
151	21.2		15.8	23.8
153	13.6		10.4	15.6

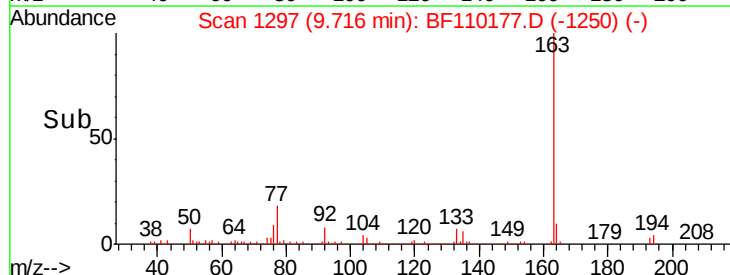
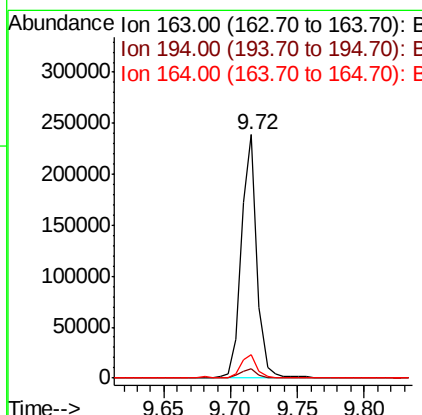
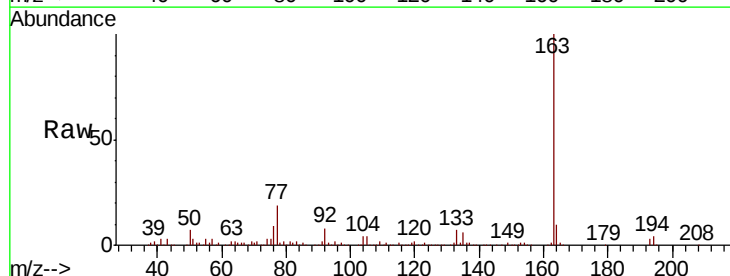
Manual Integrations
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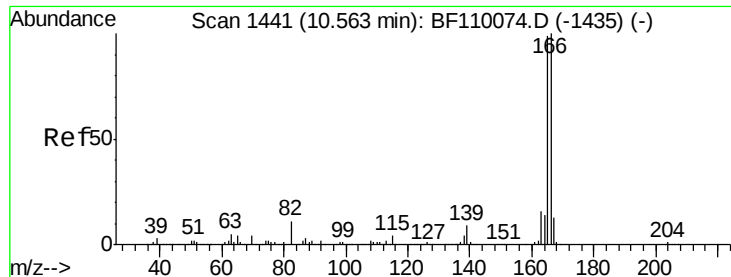
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#50
Dimethylphthalate
Concen: 10.838 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	192289		
194	4.0		3.2	4.8
164	9.8		8.1	12.1





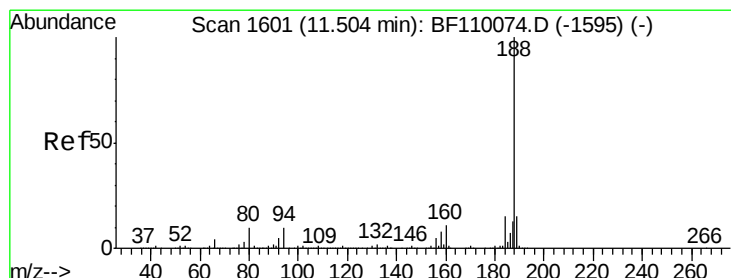
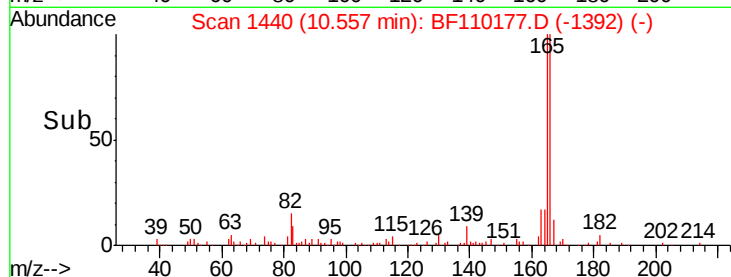
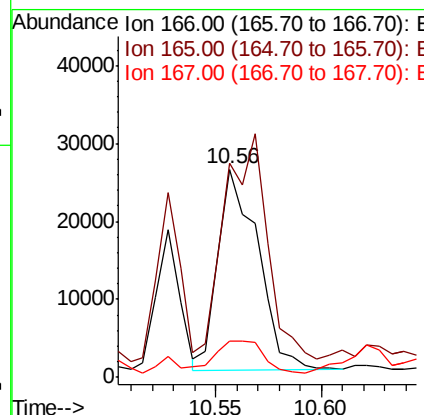
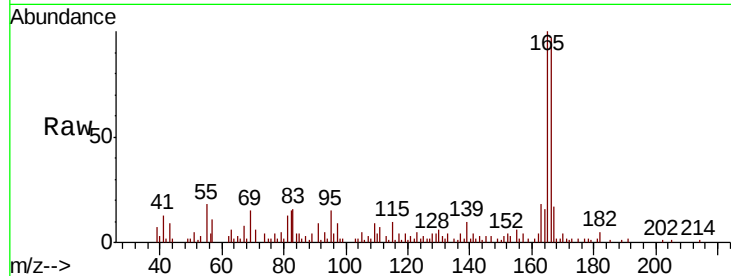
#58
 Fluorene
 Concen: 2.138 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF110177.D
 Acq: 25 Oct 2018 22:57

Instrument :
 BNA_F
 ClientSampleId :
 DW-07

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.2	78.6	117.8
167	17.5	10.8	16.2

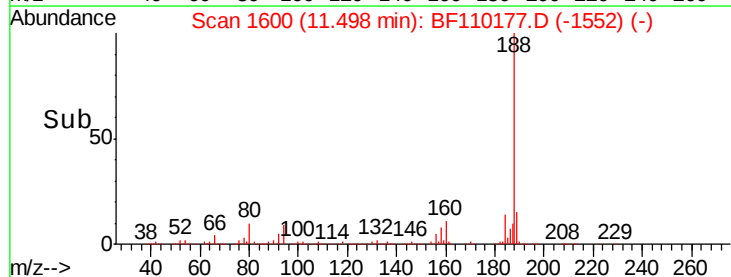
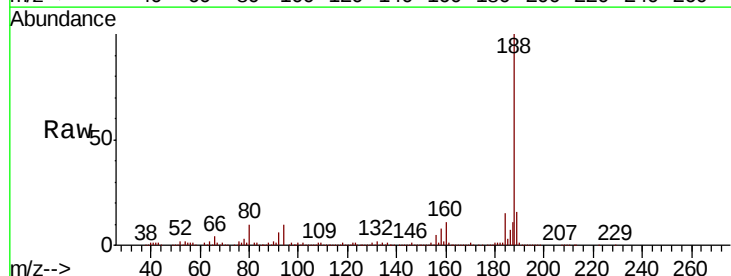
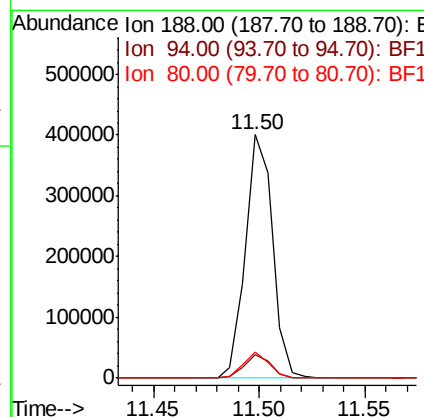
Manual Integrations
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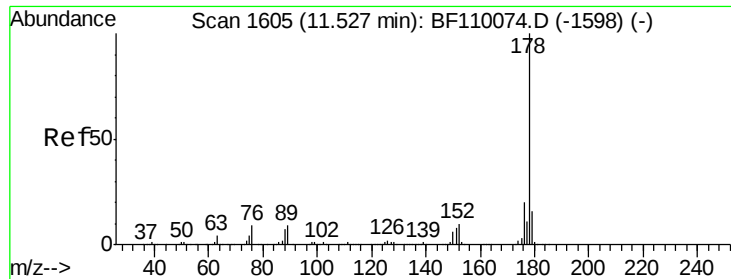
Sohil
 10/26/2018 3:49:27 PM



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF110177.D
 Acq: 25 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.5	7.9	11.9





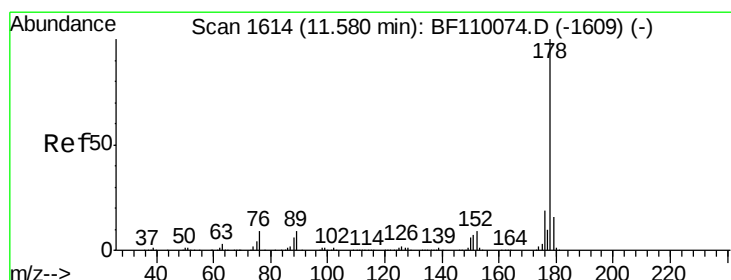
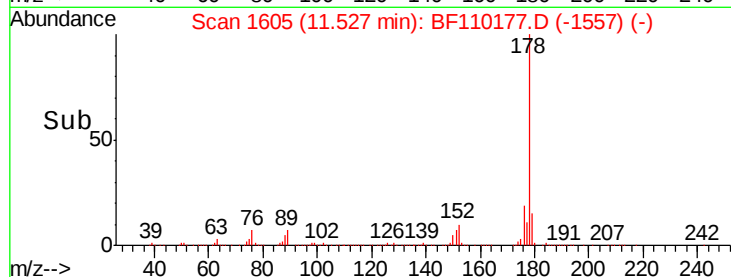
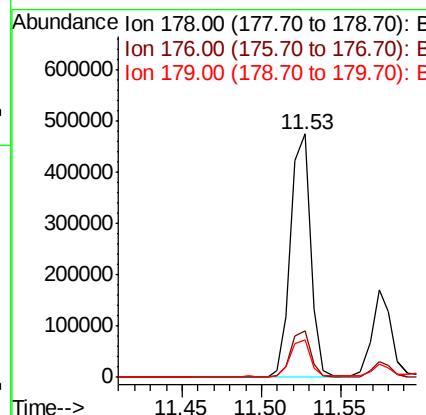
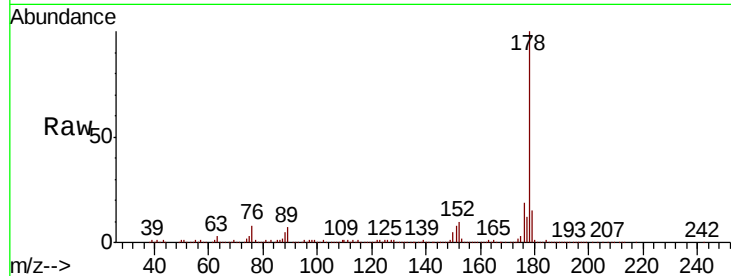
#71
Phenanthrene
Concen: 22.276 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Instrument :
BNA_F
ClientSampleId :
DW-07

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.3	12.5	18.7

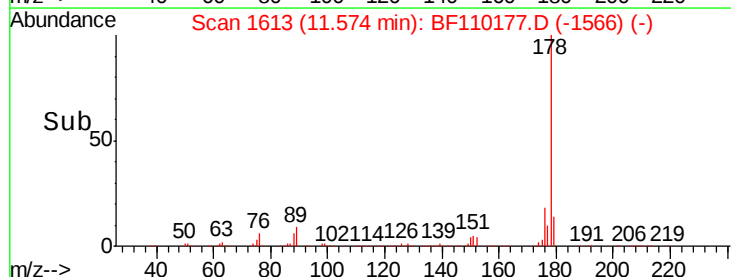
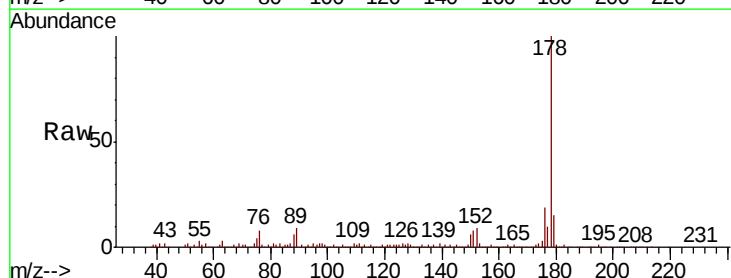
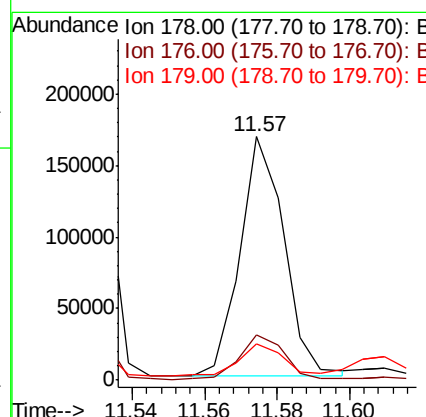
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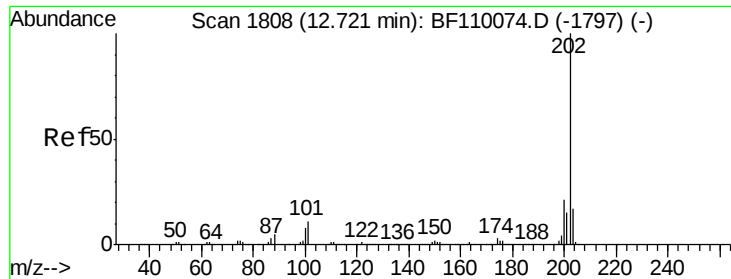
Sohil
10/26/2018 3:49:27 PM



#72
Anthracene
Concen: 7.509 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.0	12.6	18.8





#75

Fluoranthene

Concen: 39.064 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110177.D

Acq: 25 Oct 2018 22:57

Instrument :

BNA_F

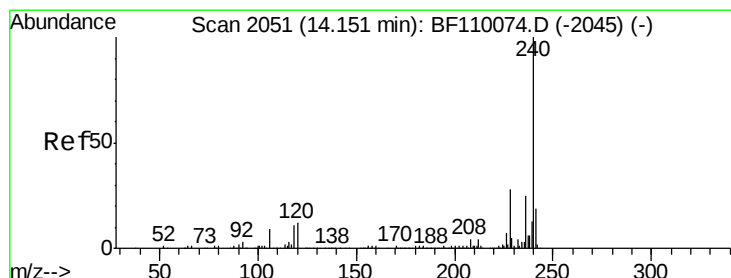
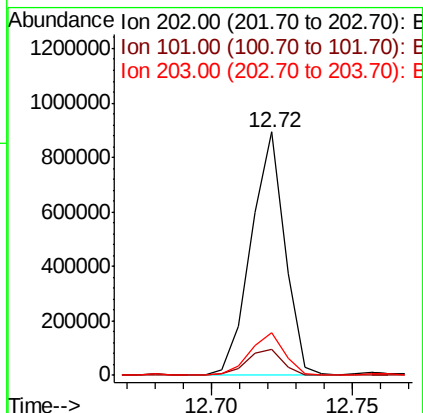
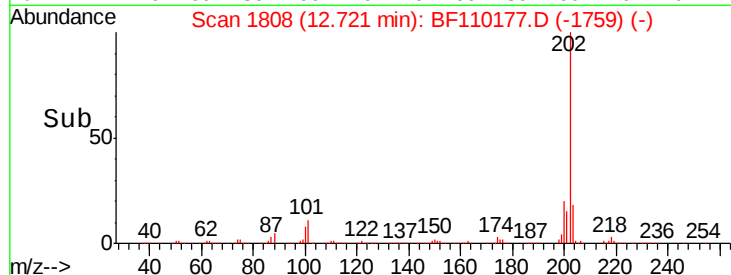
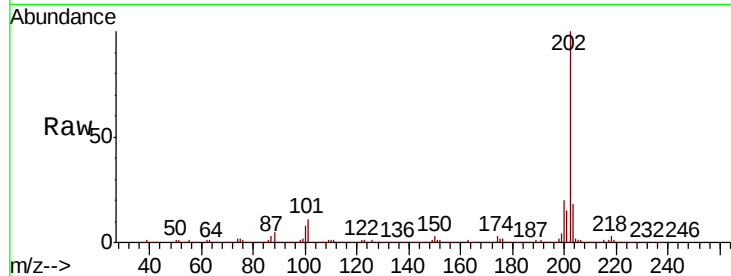
ClientSampleId :

DW-07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		739400		
101	10.9	0.0	31.4		
203	17.7	0.0	37.7		

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#76

Chrysene-d12

Concen: 20.000 ng

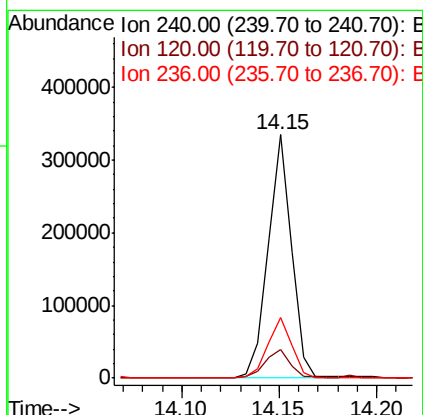
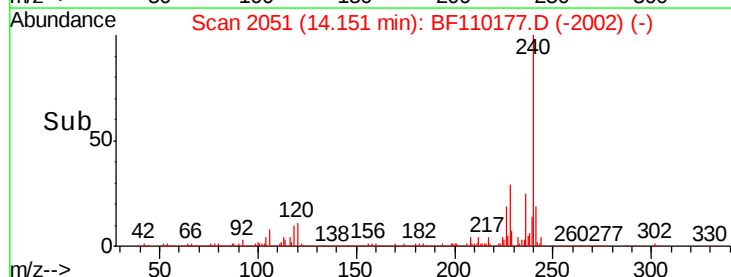
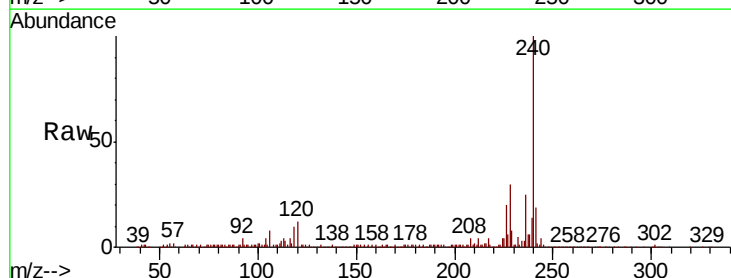
RT: 14.15 min Scan# 2051

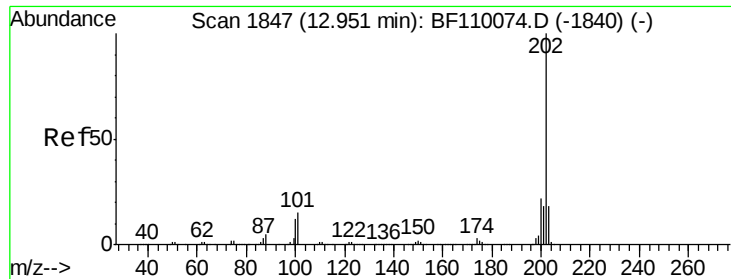
Delta R.T. -0.01 min

Lab File: BF110177.D

Acq: 25 Oct 2018 22:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		276754		
120	11.6	8.3	12.5		
236	24.9	21.2	31.8		





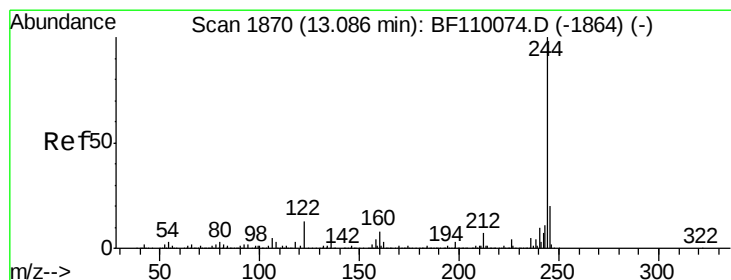
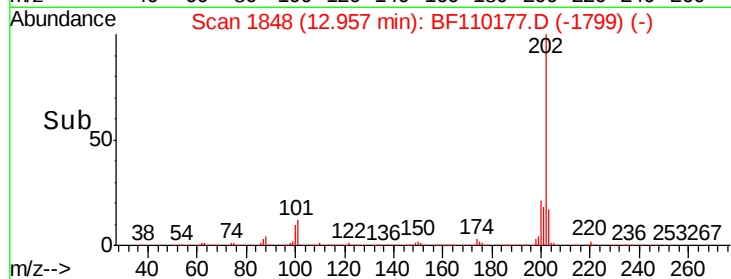
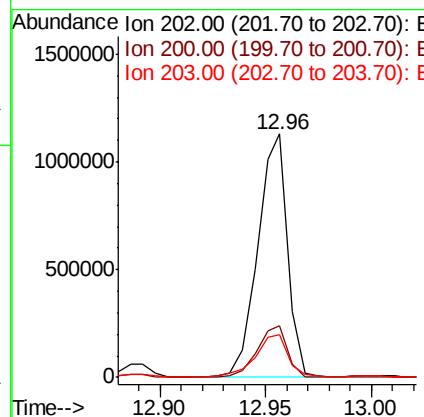
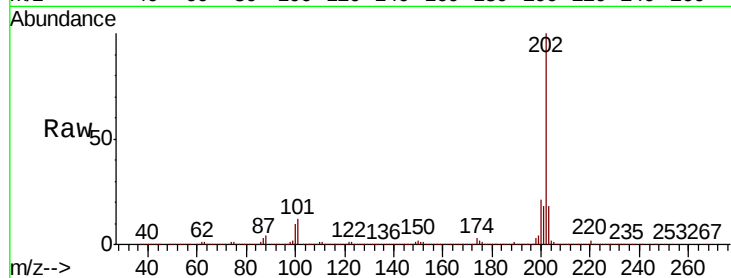
#78
Pvrene
Concen: 55.452 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Instrument :
BNA_F
ClientSampleId :
DW-07

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.6	14.2	21.4

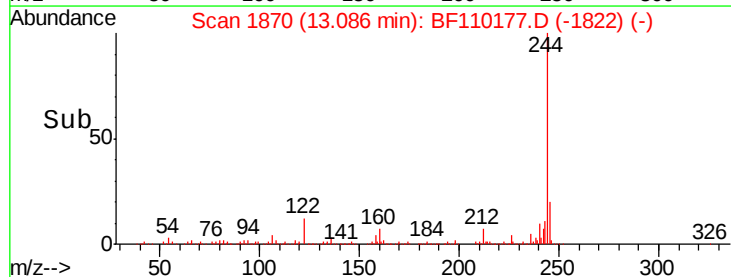
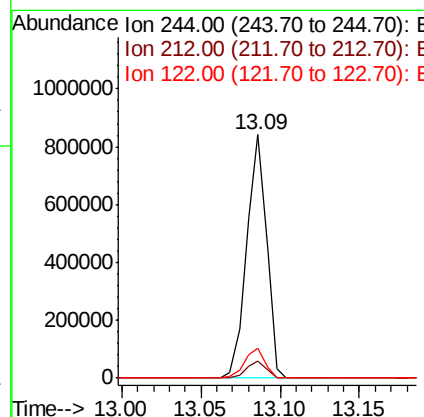
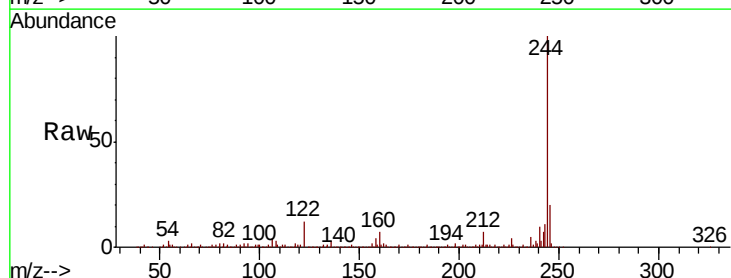
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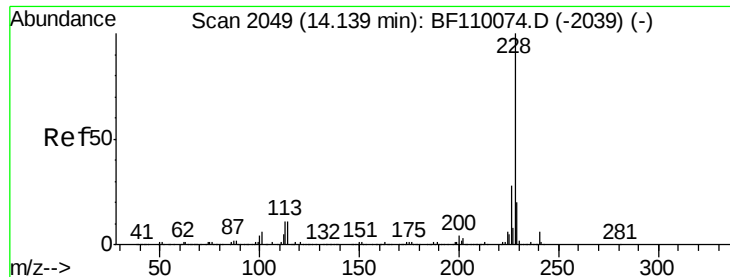
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#79
Terphenyl-d14
Concen: 54.956 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.2	8.7	13.1





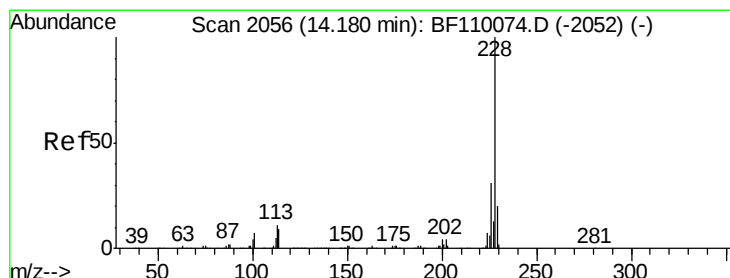
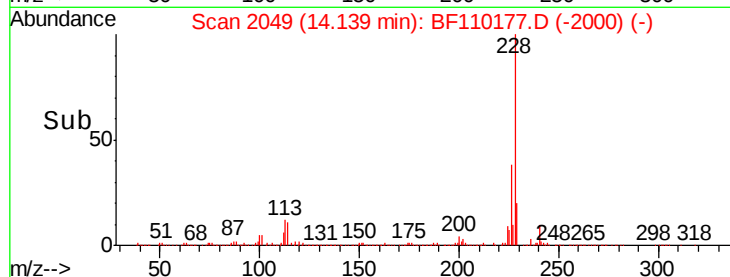
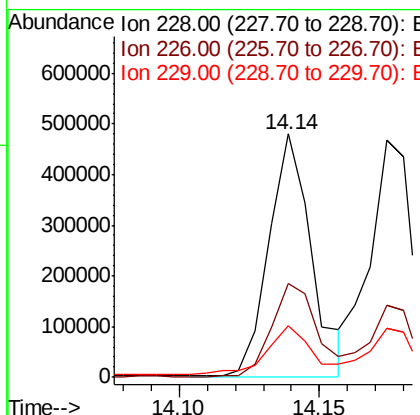
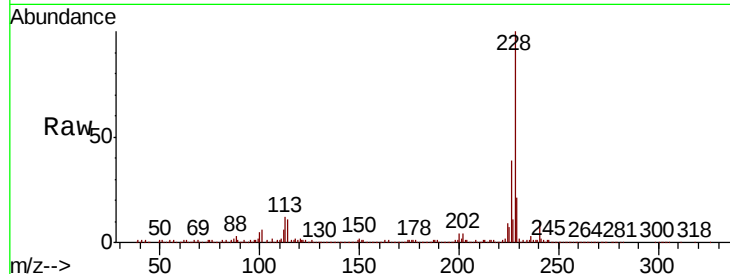
#81
Benzo(a)anthracene
Concen: 30.436 ng m
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Instrument :
BNA_F
ClientSampleId :
DW-07

Tot Ion	Ratio	Lower	Upper
228	100		
226	38.6	22.1	33.1#
229	21.3	15.6	23.4

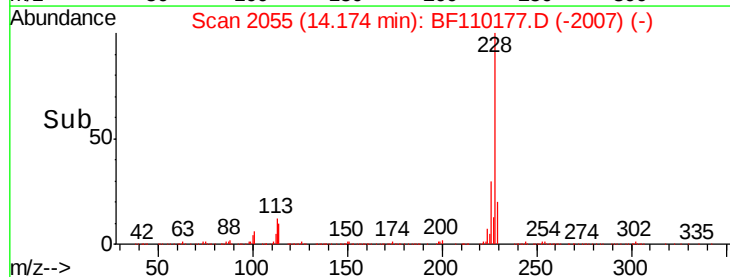
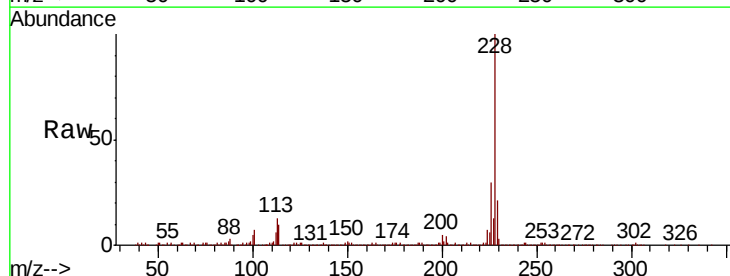
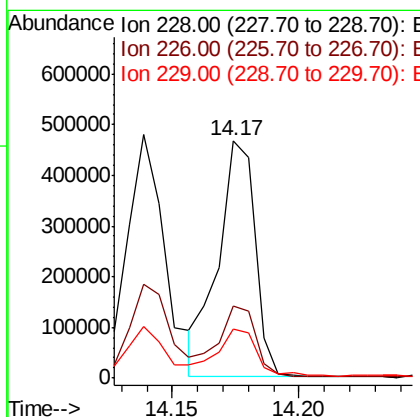
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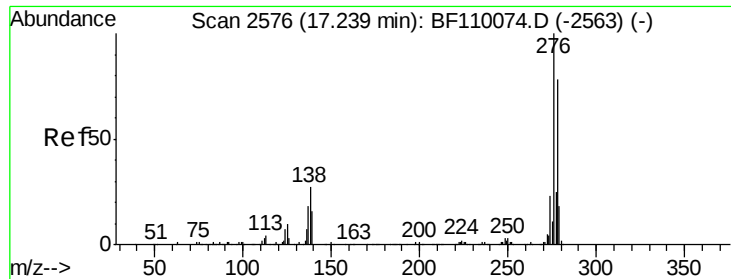
Sohil
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#83
Chrysene
Concen: 30.396 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	20.8	15.9	23.9





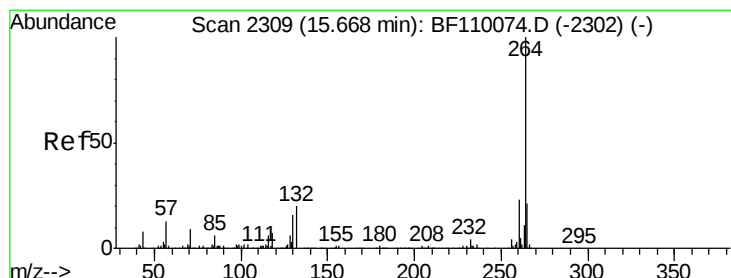
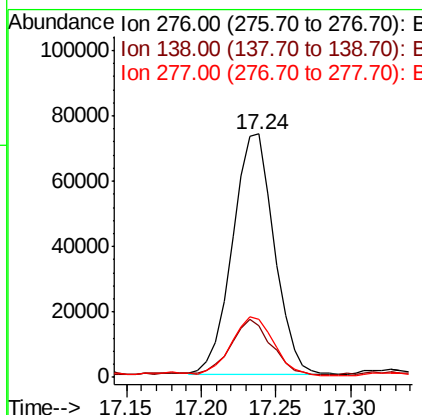
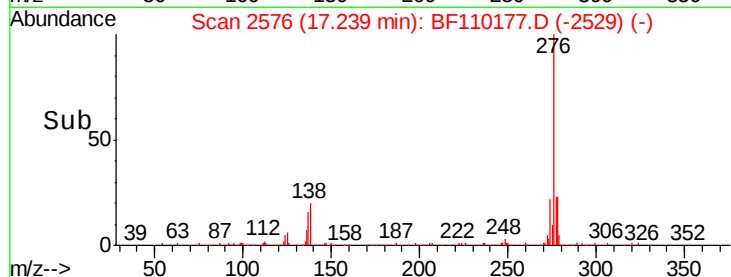
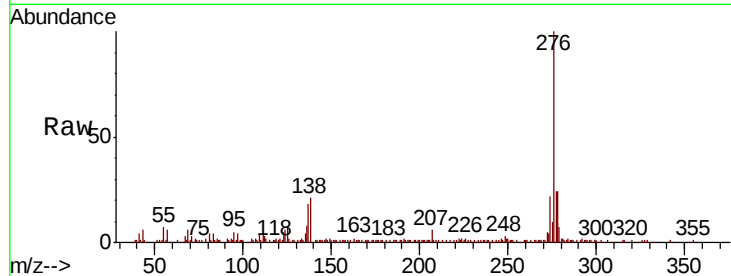
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 11.064 ng
 RT: 17.24 min Scan# 2576
 Delta R.T. -0.02 min
 Lab File: BF110177.D
 Acq: 25 Oct 2018 22:57

Instrument :
 BNA_F
 ClientSampleID :
 DW-07

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.5	27.7
277	25.0	20.0	30.0

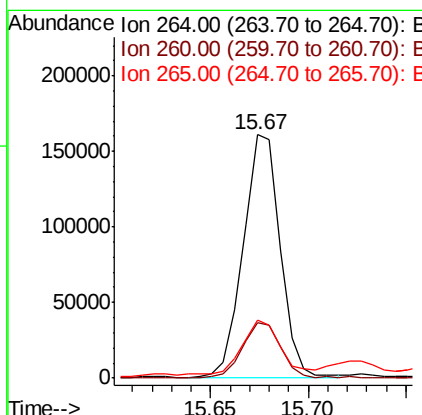
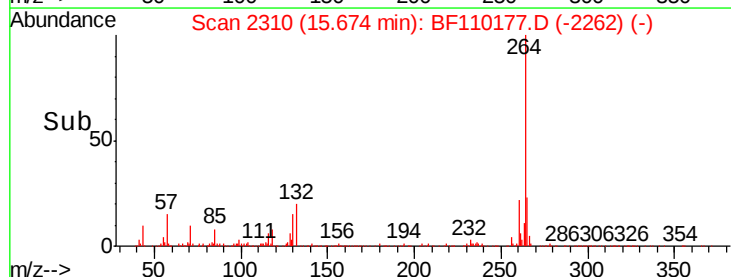
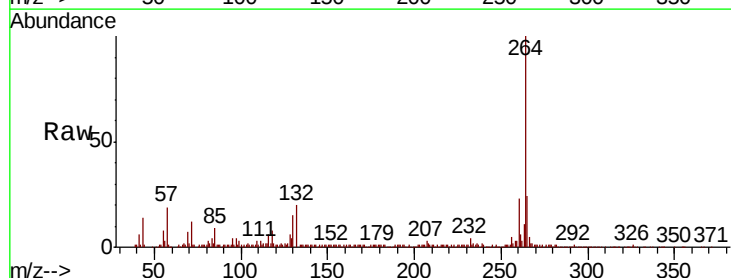
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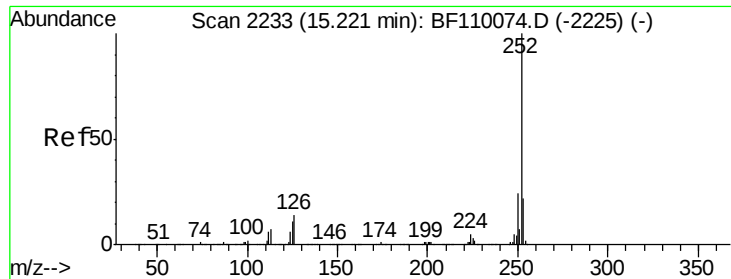
Sohil
 10/26/2018 3:49:27 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.02 min
 Lab File: BF110177.D
 Acq: 25 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	23.8	16.7	25.1





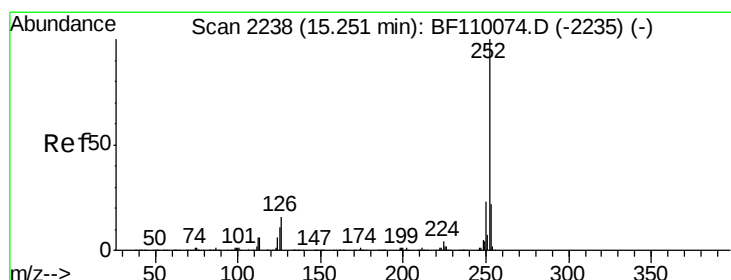
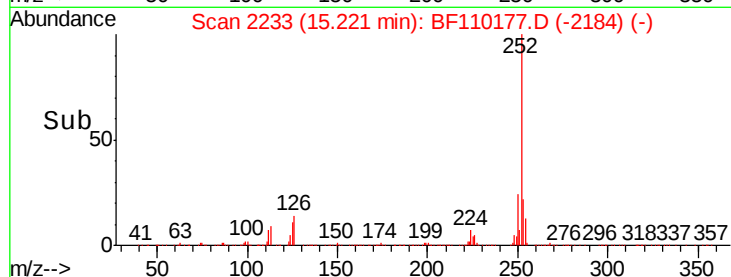
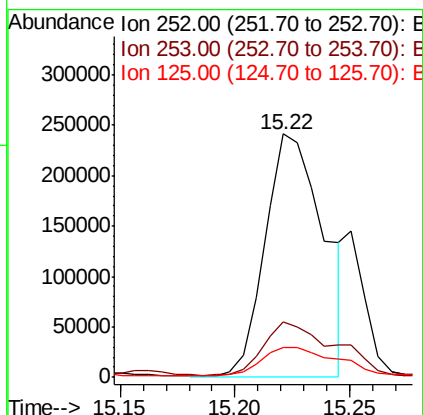
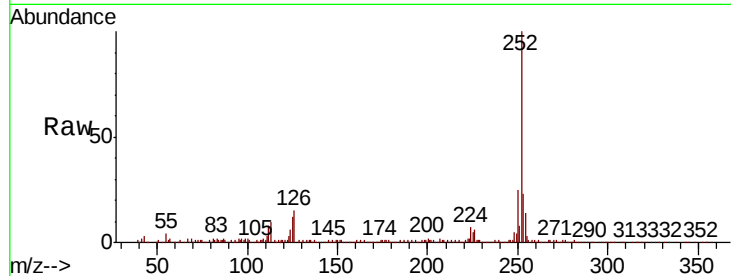
#88
Benzo(b)fluoranthene
Concen: 35.268 ng m
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Instrument :
BNA_F
ClientSampleId :
DW-07

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	12.2	8.2	12.4

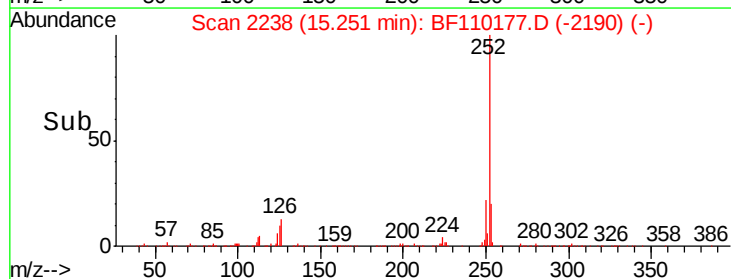
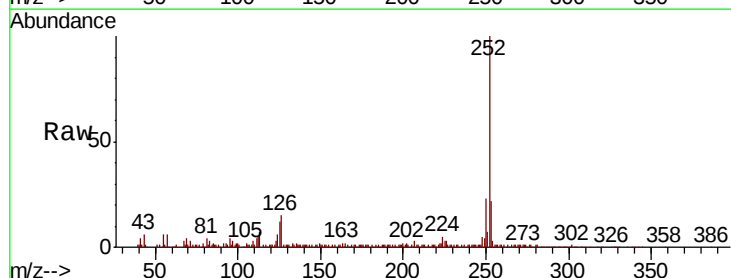
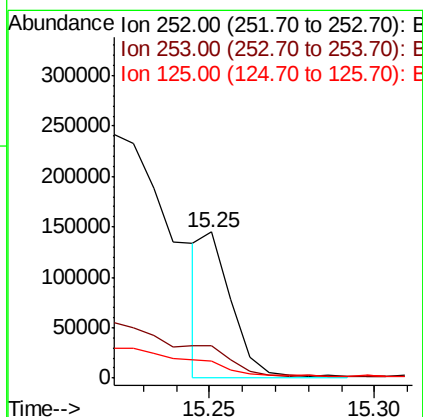
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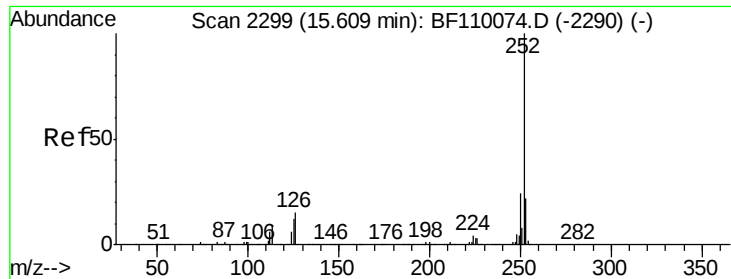
Sohil
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#89
Benzo(k)fluoranthene
Concen: 7.648 ng m
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.6	7.4	11.0#





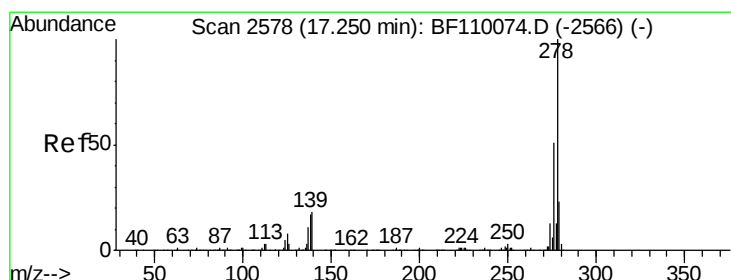
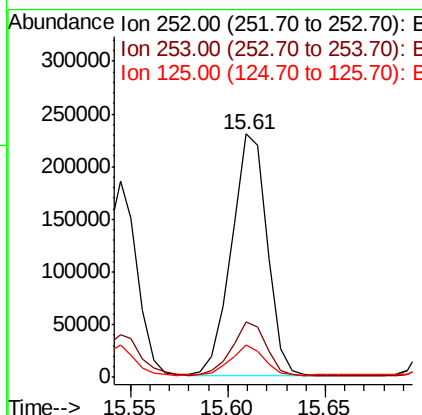
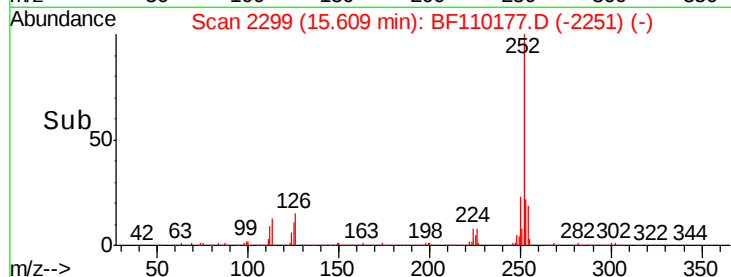
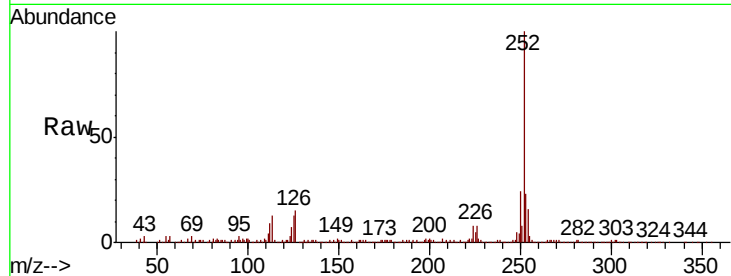
#90
Benzo(a)pyrene
Concen: 26.107 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Instrument :
BNA_F
ClientSampleId :
DW-07

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	13.2	9.0	13.6

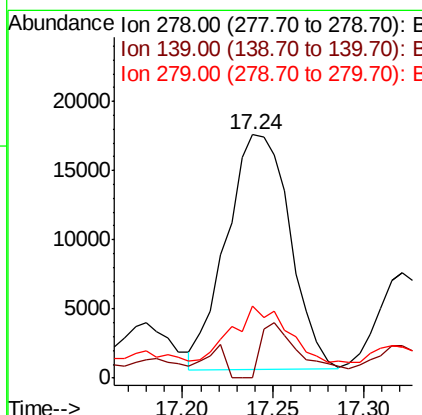
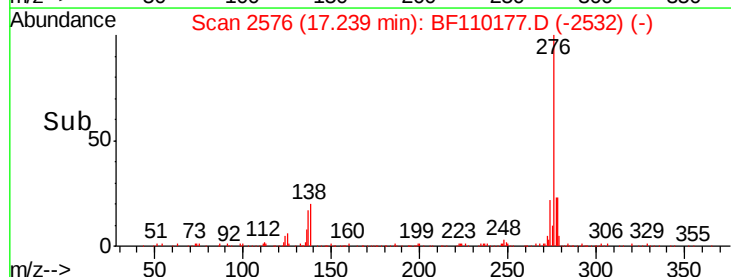
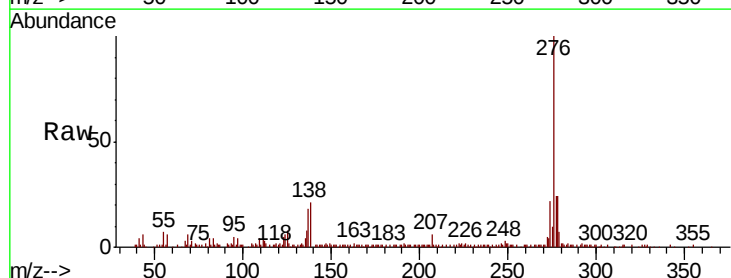
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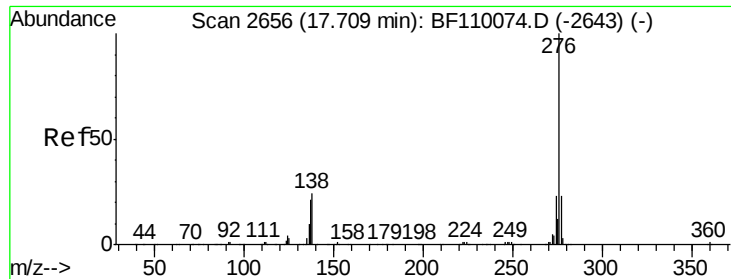
Sohil
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#91
Dibenzo(a,h)anthracene
Concen: 4.288 ng m
RT: 17.24 min Scan# 2576
Delta R.T. -0.04 min
Lab File: BF110177.D
Acq: 25 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	29.4	19.0	28.4#





#92
 Benzo(a,h,i)perylene
 Concen: 15.385 ng
 RT: 17.72 min Scan# 2657
 Delta R.T. -0.02 min
 Lab File: BF110177.D
 Acq: 25 Oct 2018 22:57

Instrument :
 BNA_F
 ClientSampleId :
 DW-07

Tot Ion:	276	Resp:	145809
Ion Ratio		Lower	Upper
276	100		
277	23.1	18.8	28.2
138	21.8	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 10/26/2018 3:49:27 PM

