

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103772.D
 Acq On : 19 Mar 2018 22:45
 Operator : JU/SJ
 Sample : J1971-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-GARAGE-4-SA-LATERAL-SW

Manual Integrations
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Quant Time: Mar 20 02:07:30 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158636	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	605685	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	249211	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	382074	20.00	ng	0.00
75) Chrysene-d12	14.16	240	309447	20.00	ng	0.00
86) Perylene-d12	15.70	264	246536	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1226210	117.57	ng	0.02
7) Phenol-d6	6.60	99	1503781	117.85	ng	0.01
23) Nitrobenzene-d5	7.54	82	919058	105.82	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	286080	133.51	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1320592	84.53	ng	0.00
78) Terphenyl-d14	13.09	244	993755	74.54	ng	0.00
Target Compounds						
10) Phenol	6.61	94	42003	3.098	ng	90
49) Dimethylphthalate	9.72	163	99626	5.240	ng	99
70) Phenanthrene	11.53	178	120452	5.763	ng	99
74) Fluoranthene	12.72	202	148635	6.903	ng	99
77) Pyrene	12.96	202	139699	6.147	ng	97
80) Benzo(a)anthracene	14.15	228	70793	3.614	ng	99
82) Chrysene	14.19	228	69739	3.735	ng	97
87) Benzo(b)fluoranthene	15.24	252	62815m	4.033	ng	
89) Benzo(a)pyrene	15.63	252	42934	3.039	ng	# 94

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

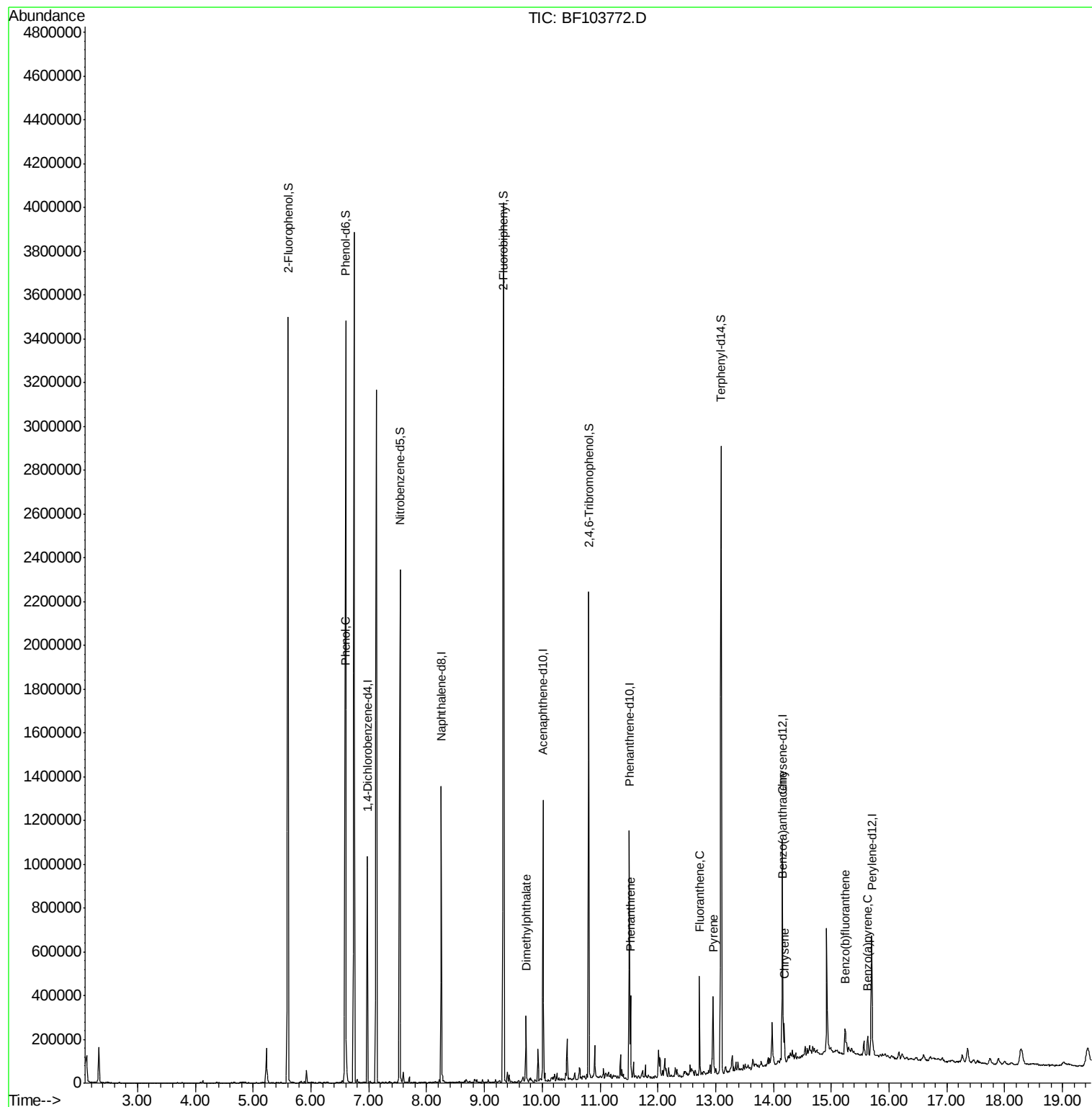
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
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Operator : JU/SJ
Sample : J1971-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

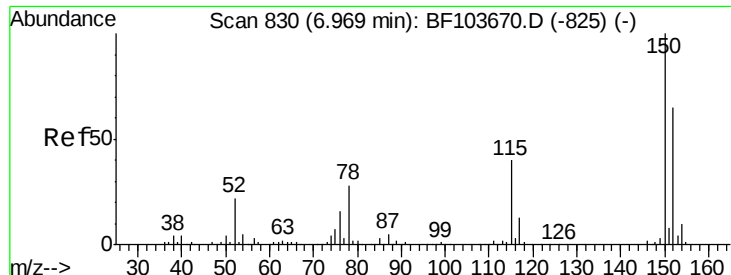
Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-SW

Manual Integrations
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Quant Time: Mar 20 02:07:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

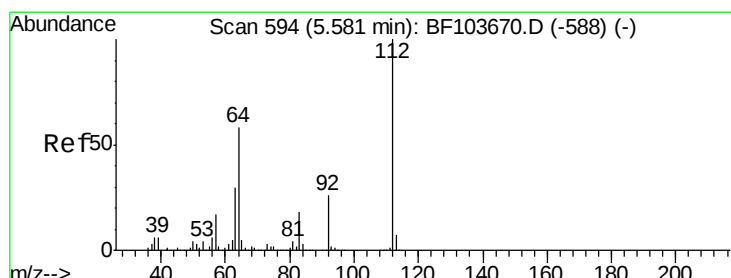
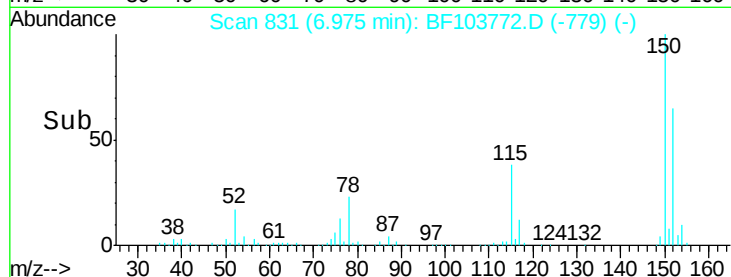
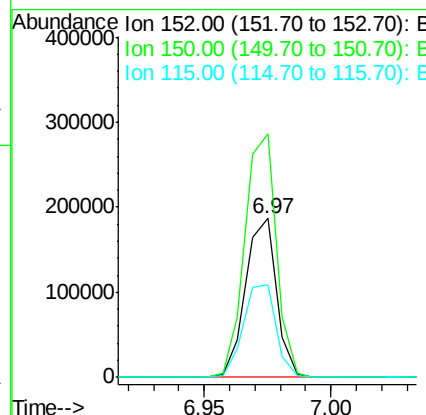
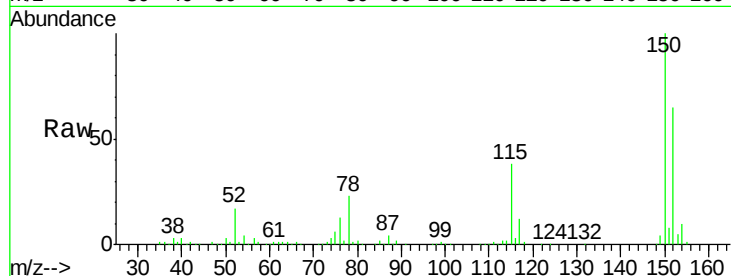
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103772.D
Acq: 19 Mar 2018 22:45

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-SW

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	58.7	50.1	75.1

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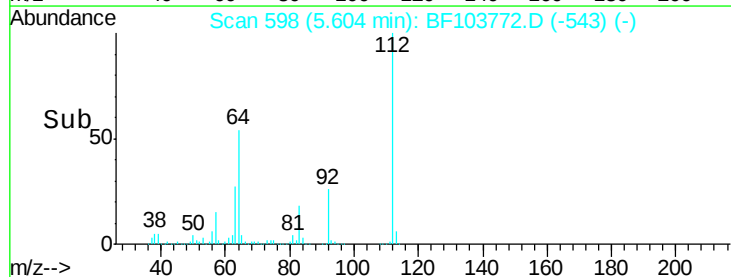
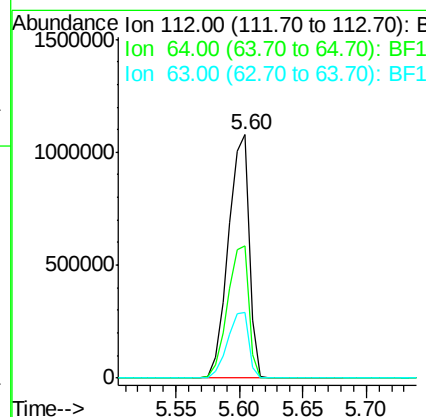
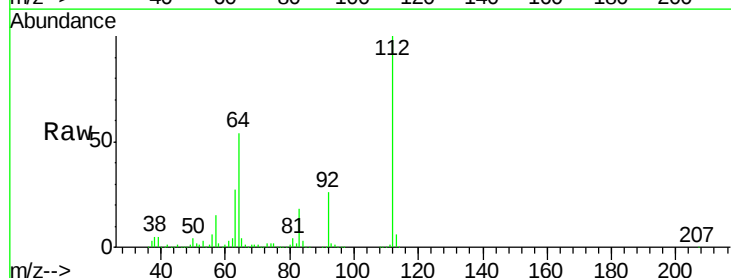
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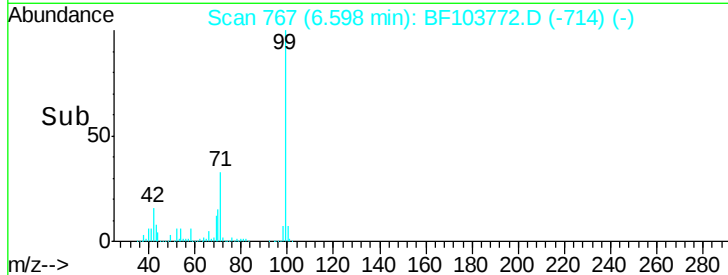
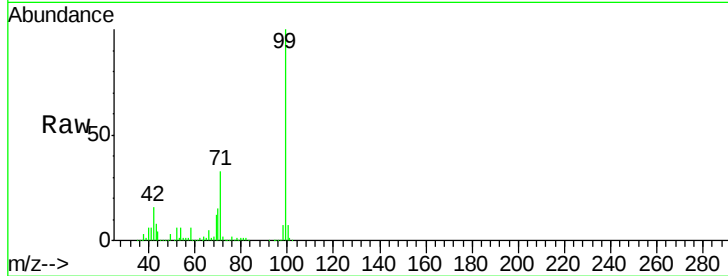
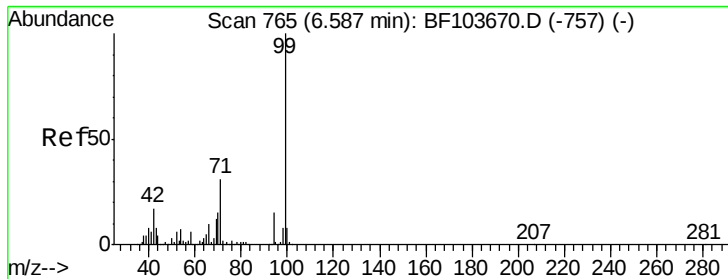


#5

2-Fluorophenol
Concen: 117.568 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103772.D
Acq: 19 Mar 2018 22:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	27.2	23.7	35.5





#7

Phenol-d6

Concen: 117.851 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103772.D

Acq: 19 Mar 2018 22:45

Tot Ion: 99 Resp: 1503781

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 32.9 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

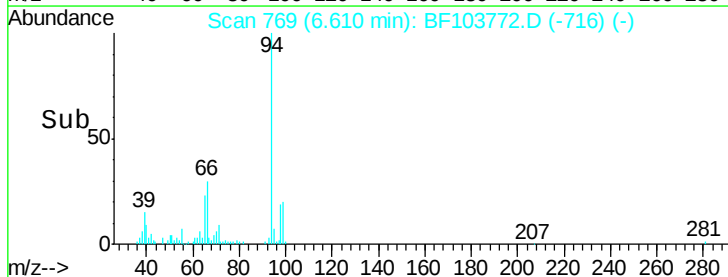
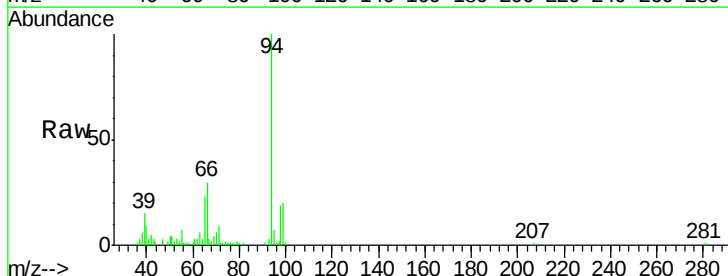
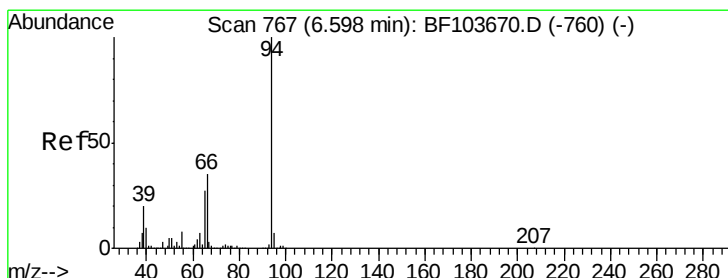
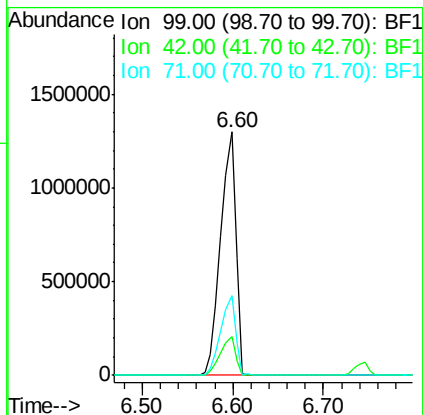
WEST-GARAGE-4-SA-LATERAL-SW

Manual Integrations

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#10

Phenol

Concen: 3.098 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103772.D

Acq: 19 Mar 2018 22:45

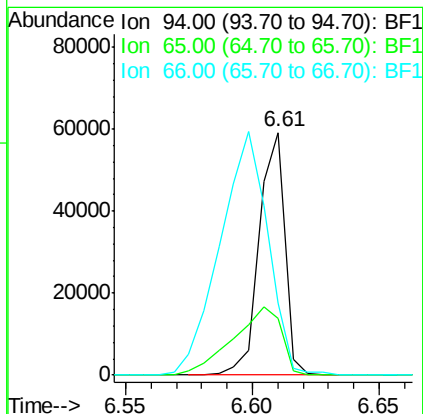
Tgt Ion: 94 Resp: 42003

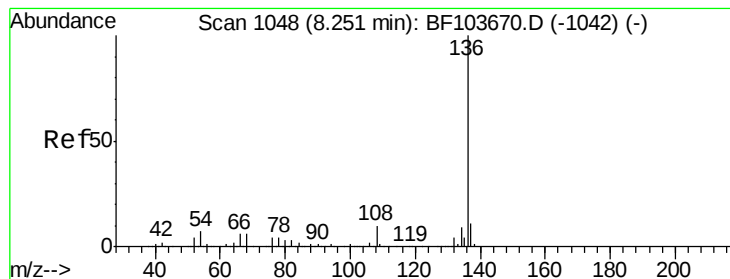
Ion Ratio Lower Upper

94 100

65 23.2 7.9 47.9

66 29.9 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF103772.D

Acq: 19 Mar 2018 22:45

Instrument :

BNA_F

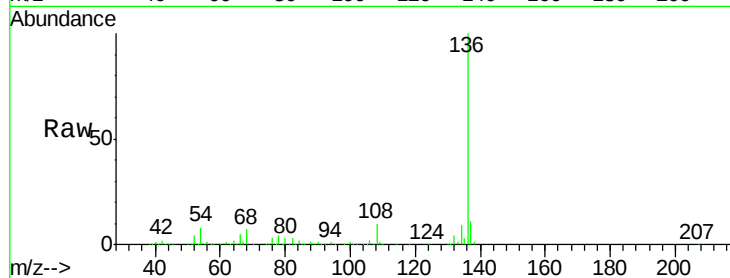
ClientSampleId :

WEST-GARAGE-4-SA-LATERAL-SW

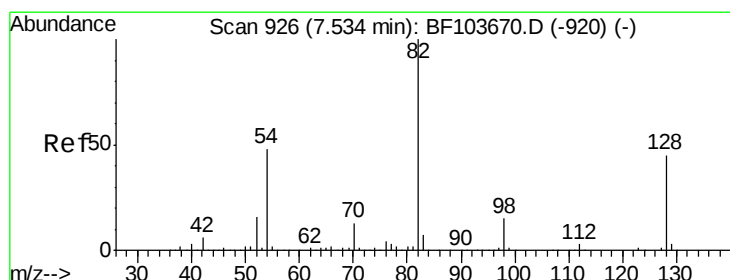
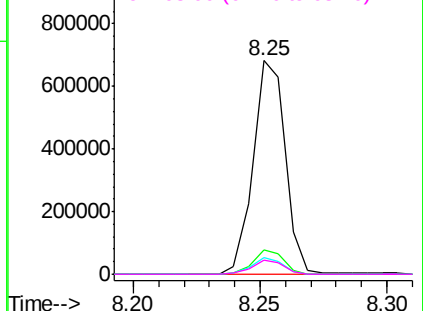
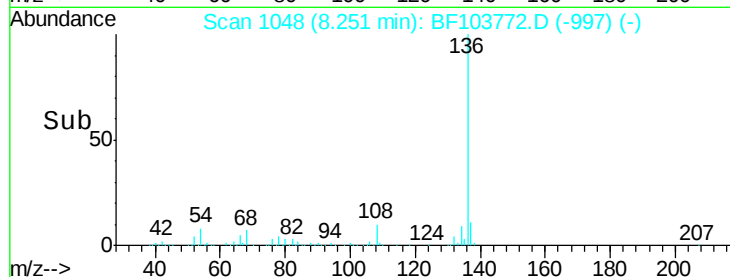
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.6	6.6	9.8
68	6.8	5.0	7.4

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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: 105.816 ng

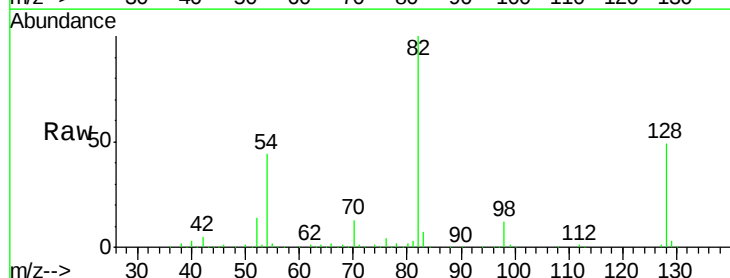
RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

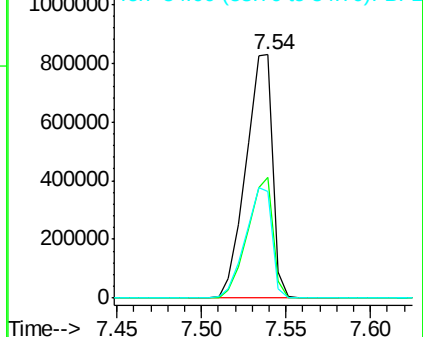
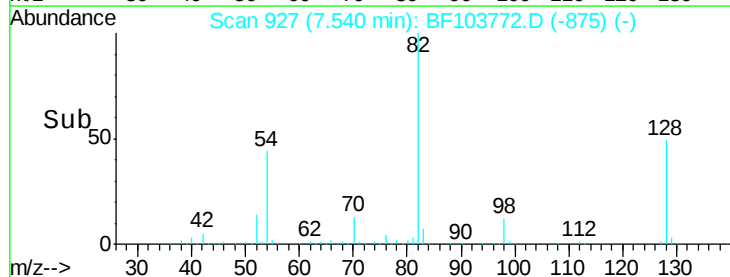
Lab File: BF103772.D

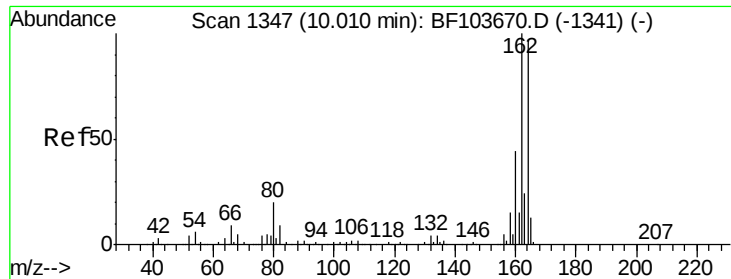
Acq: 19 Mar 2018 22:45

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	49.4	36.1	54.1
54	43.6	41.4	62.2



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





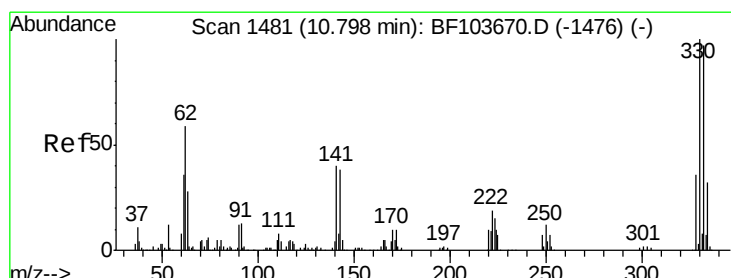
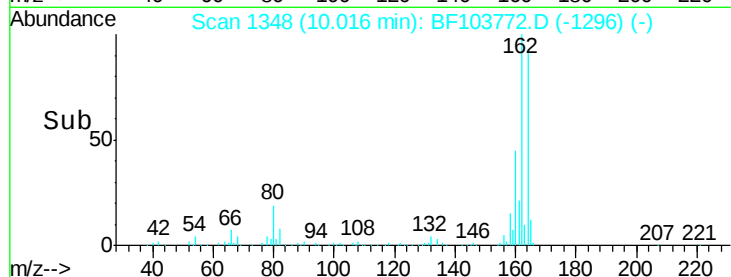
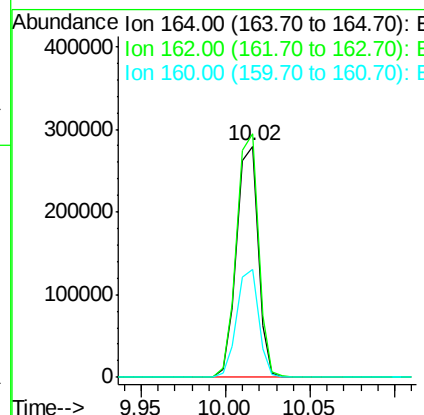
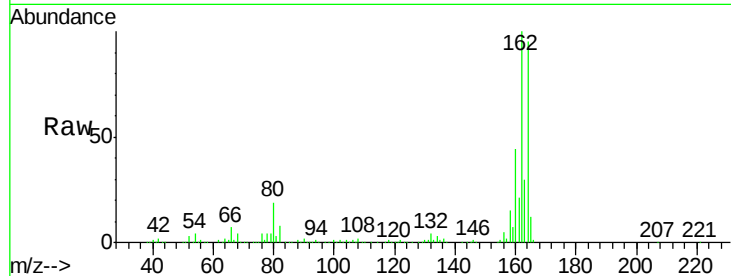
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103772.D
Acq: 19 Mar 2018 22:45

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-SW

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.4	86.1	129.1	
160	46.9	38.3	57.5	

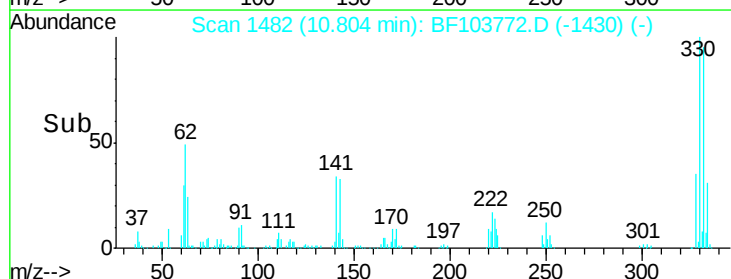
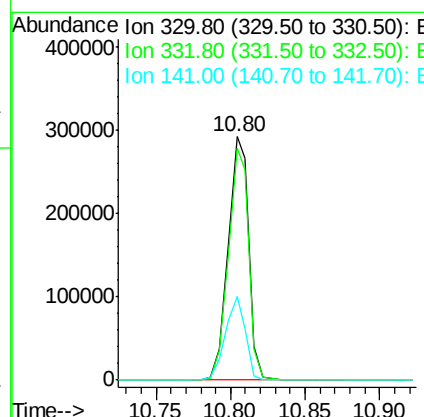
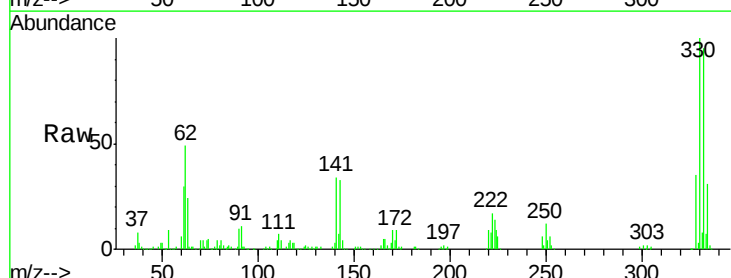
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#41
2,4,6-Tribromophenol
Concen: 133.512 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103772.D
Acq: 19 Mar 2018 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.5	77.0	115.6	
141	33.5	29.9	44.9	





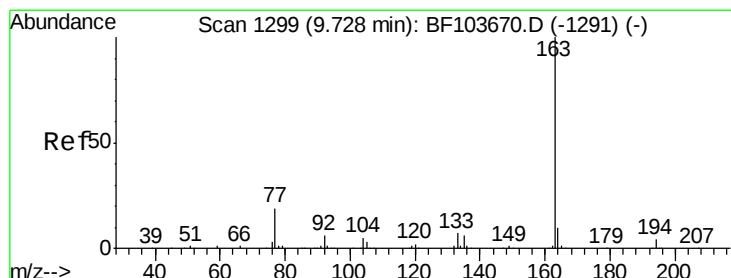
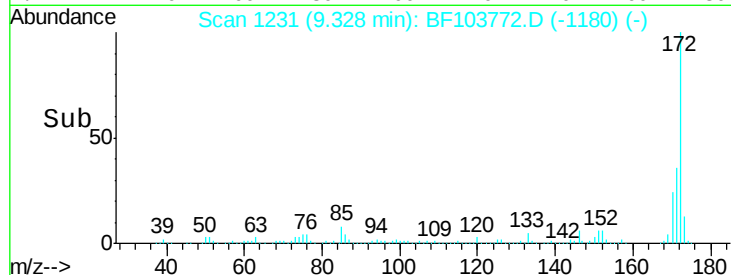
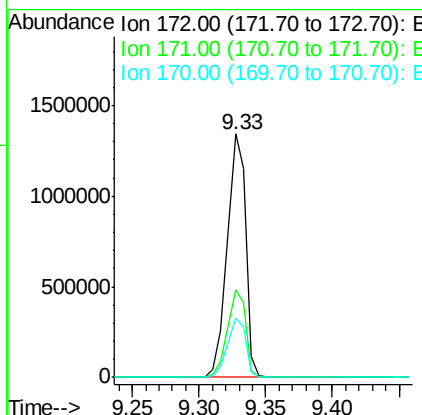
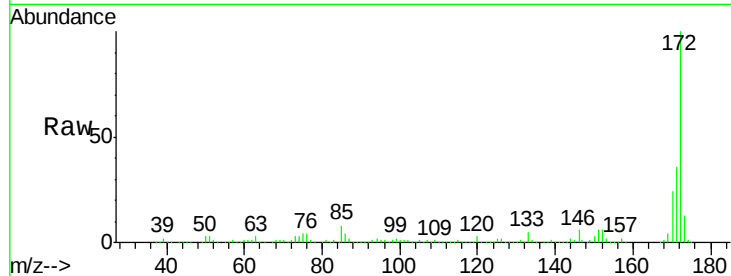
#44
2-Fluorobiphenyl
Concen: 84.528 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103772.D
Acq: 19 Mar 2018 22:45

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-SW

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.2	19.6	29.4

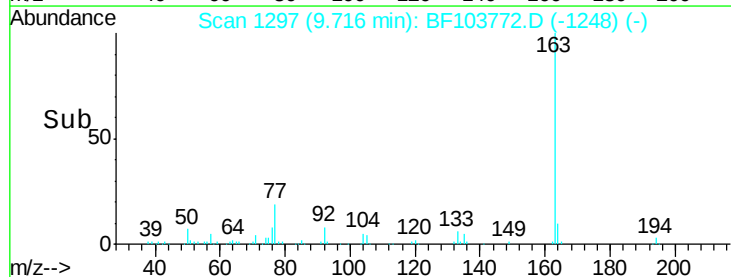
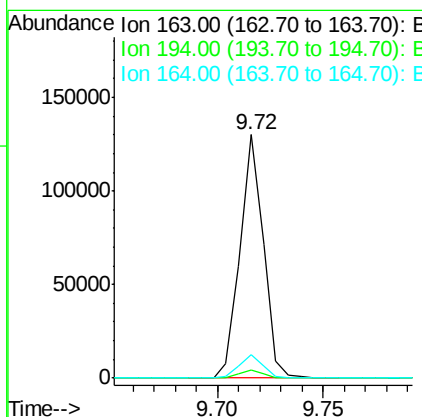
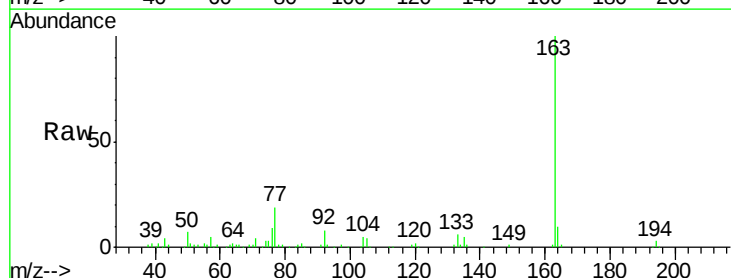
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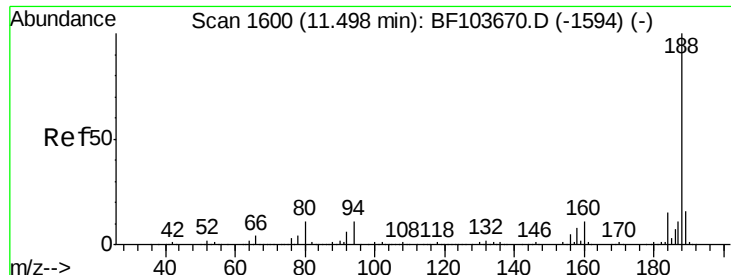
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#49
Dimethylphthalate
Concen: 5.240 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103772.D
Acq: 19 Mar 2018 22:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2





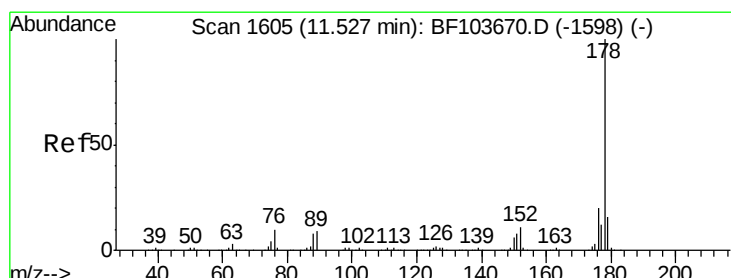
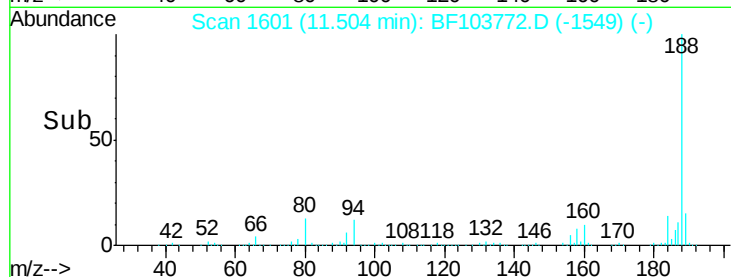
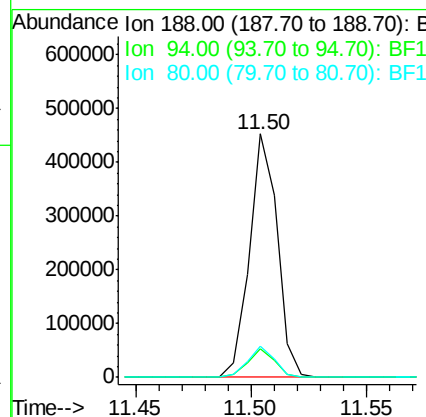
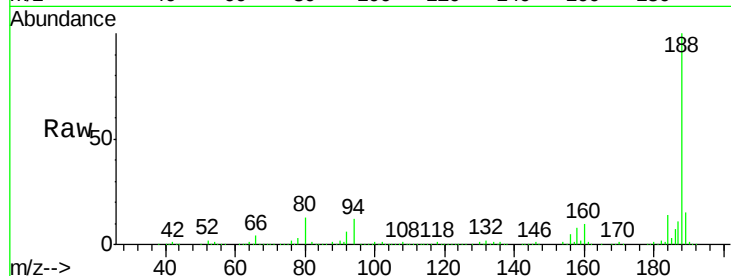
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103772.D
Acq: 19 Mar 2018 22:45

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-SW

Tot Ion	Ratio	Resp	Lower	Upper
188	100	382074		
94	11.6		8.5	12.7
80	12.5		9.2	13.8

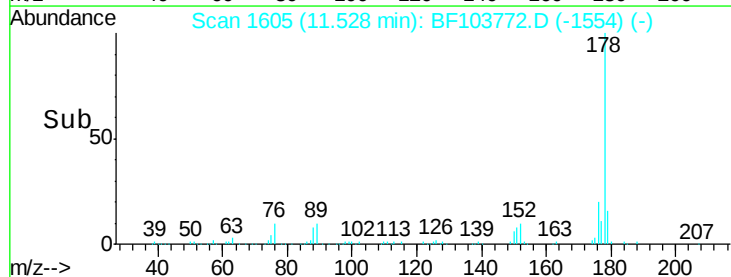
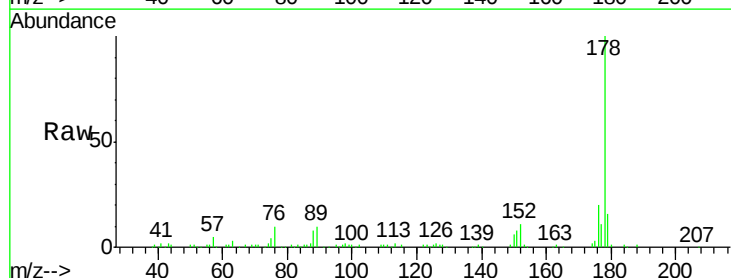
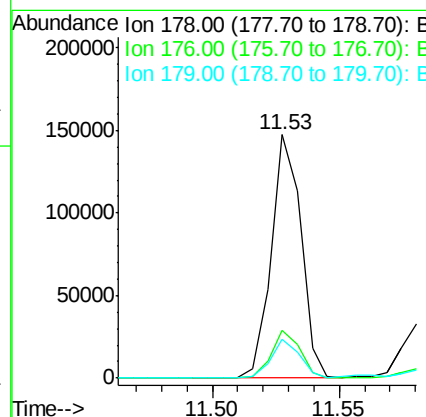
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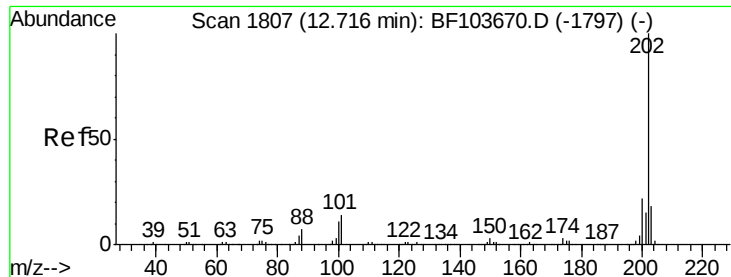
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#70
Phenanthrene
Concen: 5.763 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF103772.D
Acq: 19 Mar 2018 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	120452		
176	19.7		15.8	23.8
179	15.9		13.0	19.6





#74

Fluoranthene

Concen: 6.903 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF103772.D

Acq: 19 Mar 2018 22:45

Instrument :

BNA_F

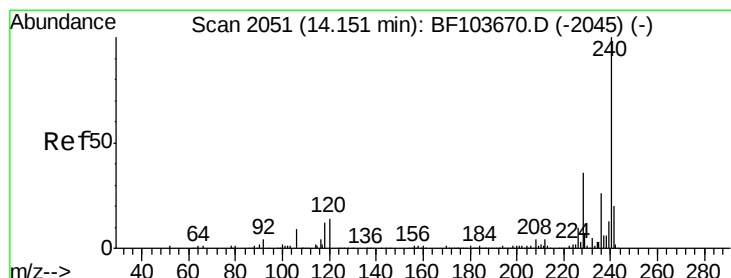
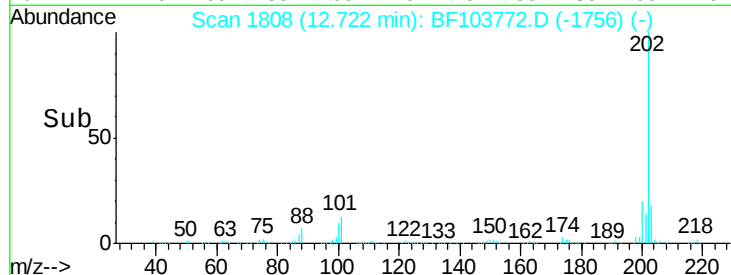
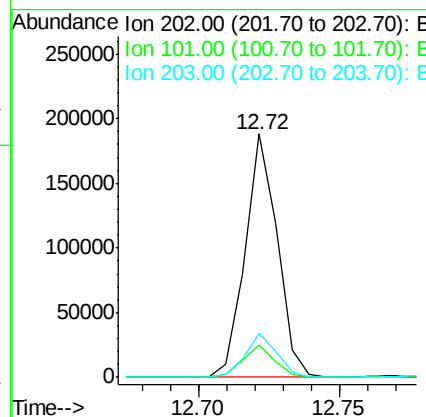
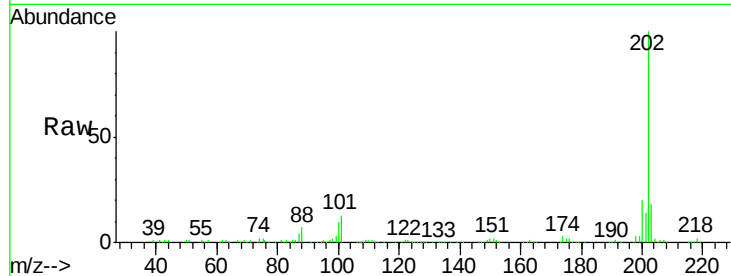
ClientSampleId :

WEST-GARAGE-4-SA-LATERAL-SW

Tot Ion	Ratio	Resp	Lower	Upper
202	100	148635		
101	13.4	0.0	34.1	
203	17.9	0.0	38.1	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

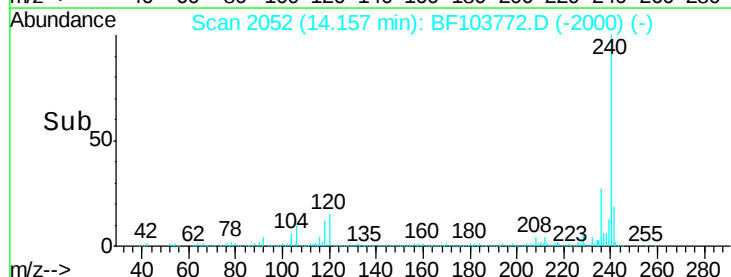
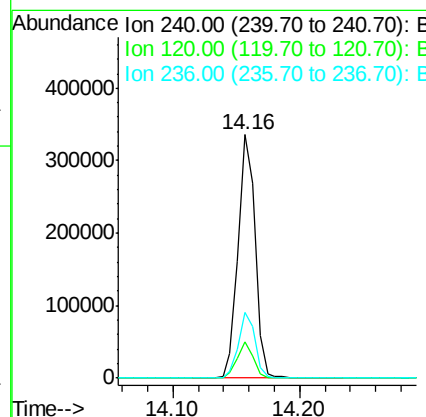
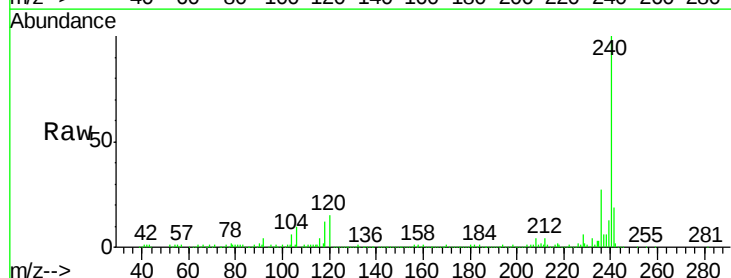
RT: 14.16 min Scan# 2052

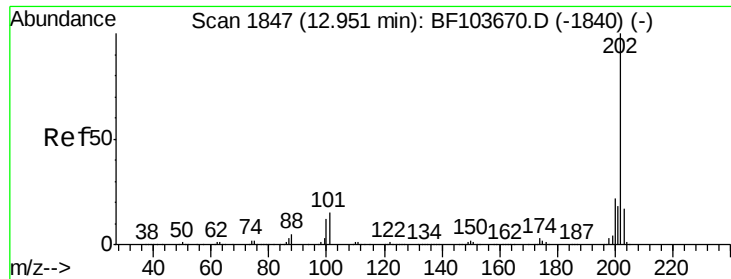
Delta R.T. 0.01 min

Lab File: BF103772.D

Acq: 19 Mar 2018 22:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	309447		
120	14.8	9.5	14.3#	
236	26.8	20.7	31.1	





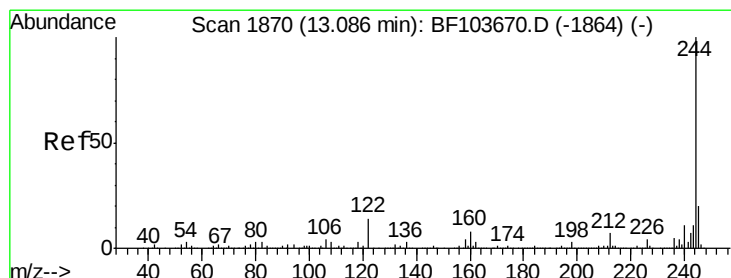
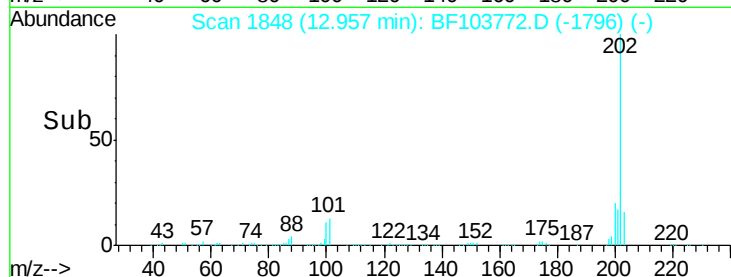
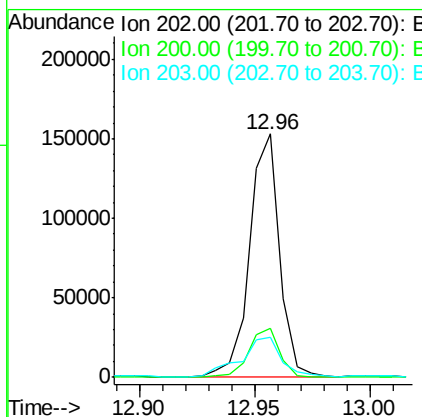
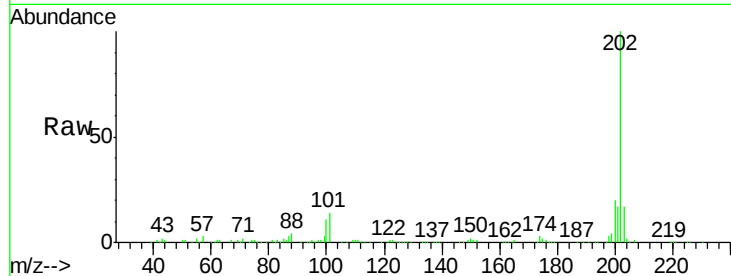
#77
Pvrene
Concen: 6.147 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103772.D
Acq: 19 Mar 2018 22:45

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-SW

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	17.4	26.2
203	16.6	14.3	21.5

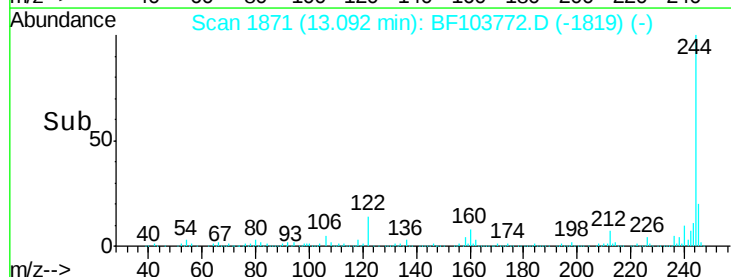
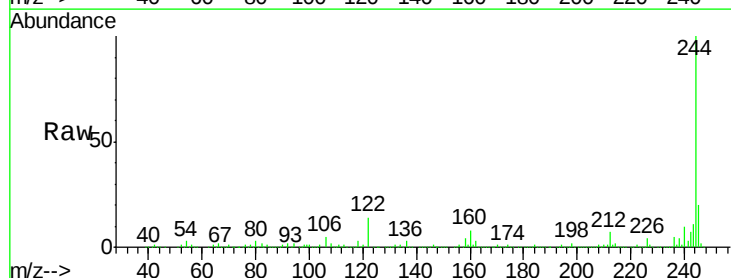
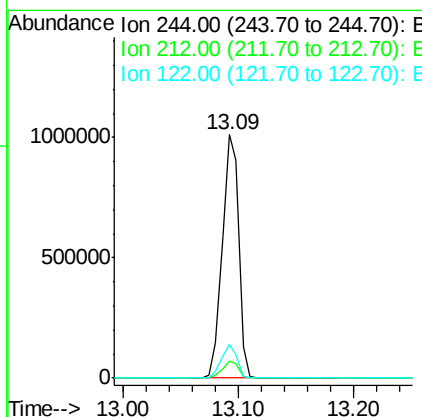
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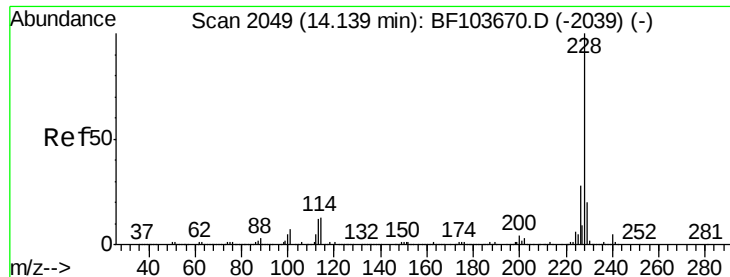
Sohil
3/20/2018 6:26:50 PM



#78
Terphenyl-d14
Concen: 74.541 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103772.D
Acq: 19 Mar 2018 22:45

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.6	11.0	16.4





#80

Benzo(a)anthracene

Concen: 3.614 ng

RT: 14.15 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BF103772.D

Acq: 19 Mar 2018 22:45

Instrument :

BNA_F

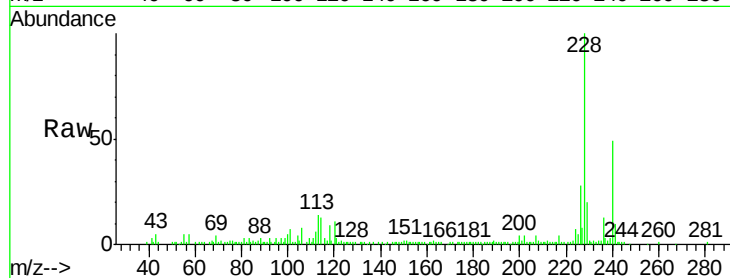
ClientSampleId :

WEST-GARAGE-4-SA-LATERAL-SW

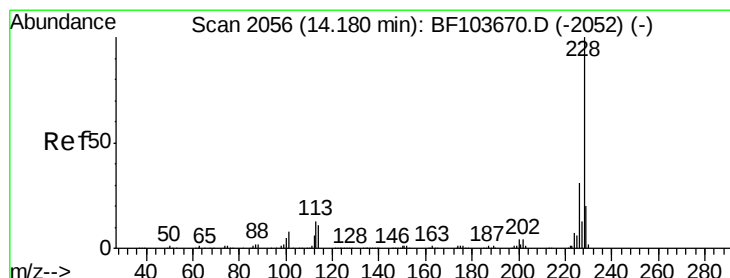
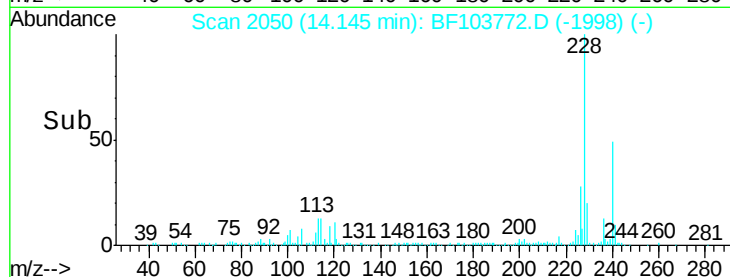
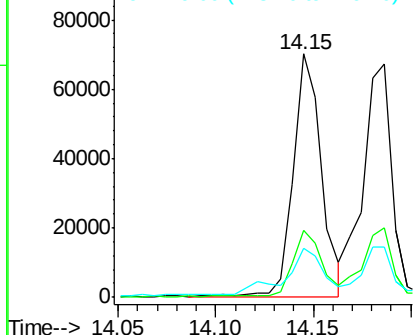
Tot Ion:228	Resp:	70793
Ion Ratio	Lower	Upper
228 100		
226 27.6	22.6	33.8
229 20.3	15.8	23.6

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 3.735 ng

RT: 14.19 min Scan# 2057

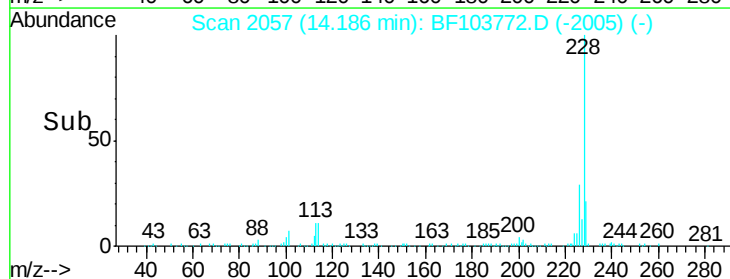
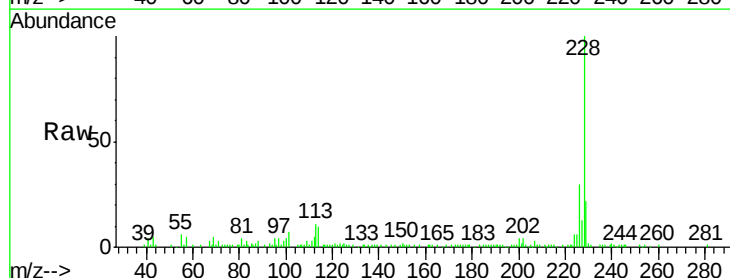
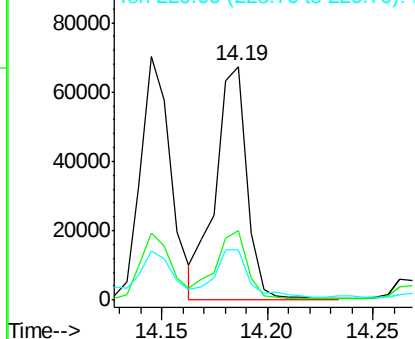
Delta R.T. 0.01 min

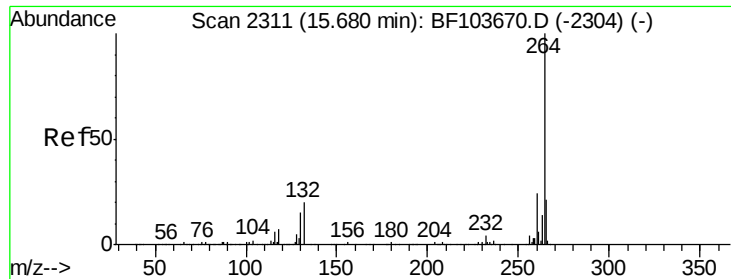
Lab File: BF103772.D

Acq: 19 Mar 2018 22:45

Tgt Ion:228	Resp:	69739
Ion Ratio	Lower	Upper
228 100		
226 29.9	25.0	37.6
229 21.8	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





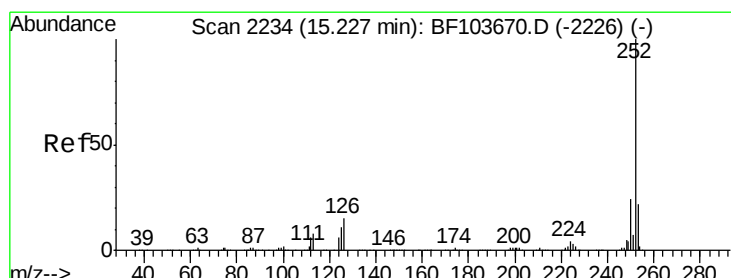
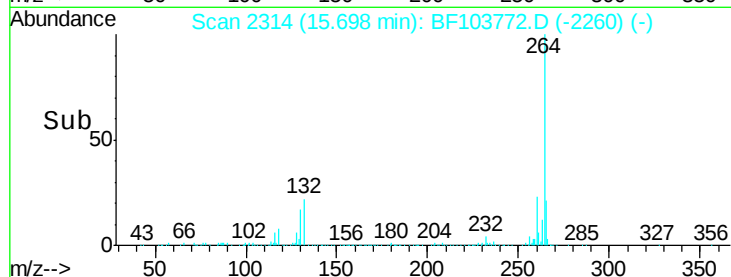
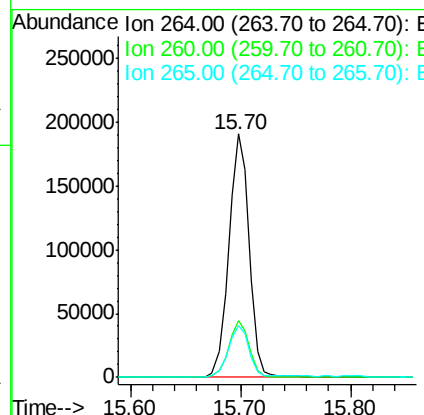
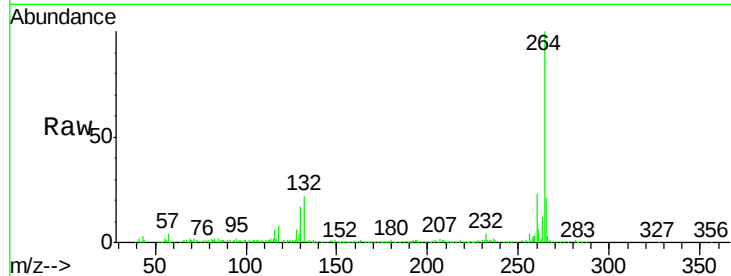
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.02 min
Lab File: BF103772.D
Acq: 19 Mar 2018 22:45

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-4-SA-LATERAL-SW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	17.5	26.3

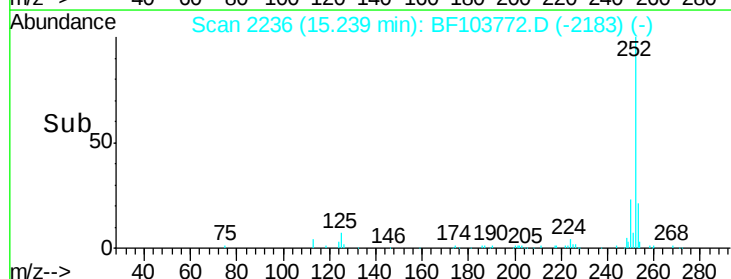
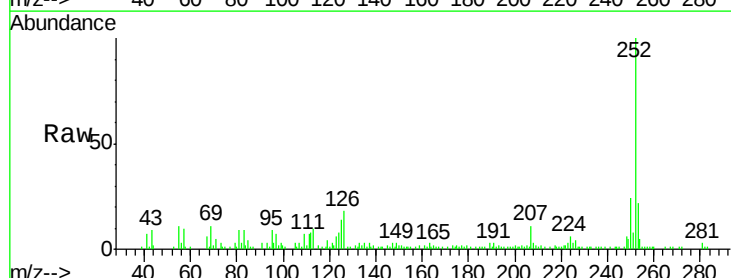
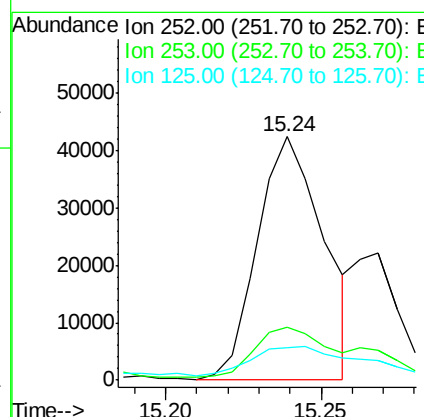
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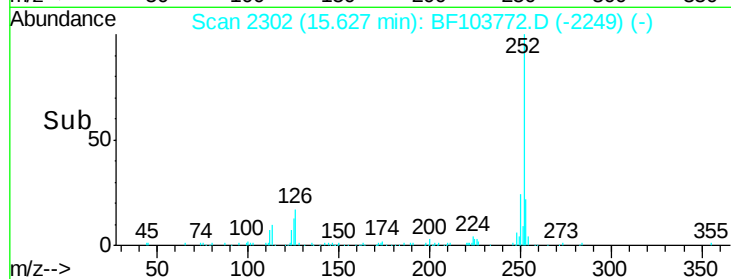
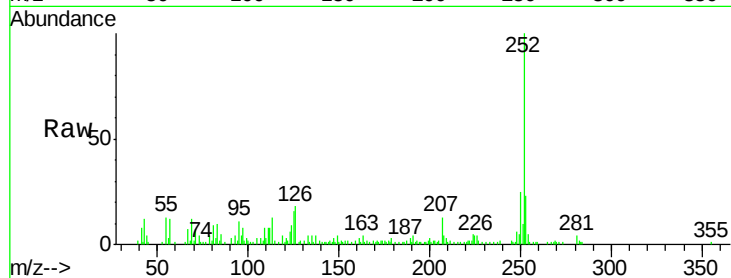
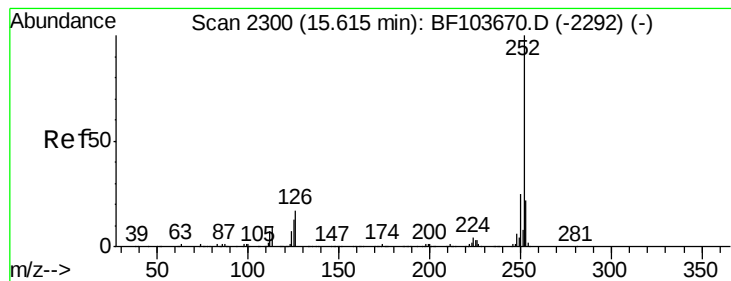
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#87
Benzo(b)fluoranthene
Concen: 4.033 ng m
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103772.D
Acq: 19 Mar 2018 22:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	13.5	9.0	13.6





#89

Benzo(a)pyrene

Concen: 3.039 ng

RT: 15.63 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BF103772.D

Acq: 19 Mar 2018 22:45

Instrument :

BNA_F

ClientSampleId :

WEST-GARAGE-4-SA-LATERAL-SW

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42934	252	100			
	253	23.0		17.1	25.7
	125	16.1		9.8	14.6

Manual Integrations
APPROVED

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