

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098607.D
 Acq On : 18 Sep 2017 17:36
 Operator : SJ/JU
 Sample : I5244-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-X(0-5)COMP

Manual Integrations
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Sohil
 9/19/2017 5:31:48 PM

Quant Time: Sep 19 06:35:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	109277	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	448143	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	199003	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	327037	20.00	ng	0.00
75) Chrysene-d12	13.78	240	210787	20.00	ng	0.00
86) Perylene-d12	15.18	264	187829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	901940	122.03	ng	0.00
7) Phenol-d6	6.29	99	1117242	119.06	ng	0.00
23) Nitrobenzene-d5	7.20	82	704749	87.67	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	207583	156.29	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	985943	83.97	ng	0.00
78) Terphenyl-d14	12.73	244	682044	69.84	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	163114	10.589	ng	98
74) Fluoranthene	12.36	202	94734	5.458	ng	95
77) Pyrene	12.59	202	94141	5.662	ng	99
80) Benzo(a)anthracene	13.77	228	51841	4.195	ng	99
82) Chrysene	13.81	228	44054	3.527	ng	98
85) Indeno(1,2,3-cd)pyrene	16.50	276	24216	2.763	ng	92
87) Benzo(b)fluoranthene	14.79	252	58415m	4.946	ng	
89) Benzo(a)pyrene	15.12	252	45491	4.324	ng	99
91) Benzo(g,h,i)perylene	16.91	276	23295	3.026	ng	# 89

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

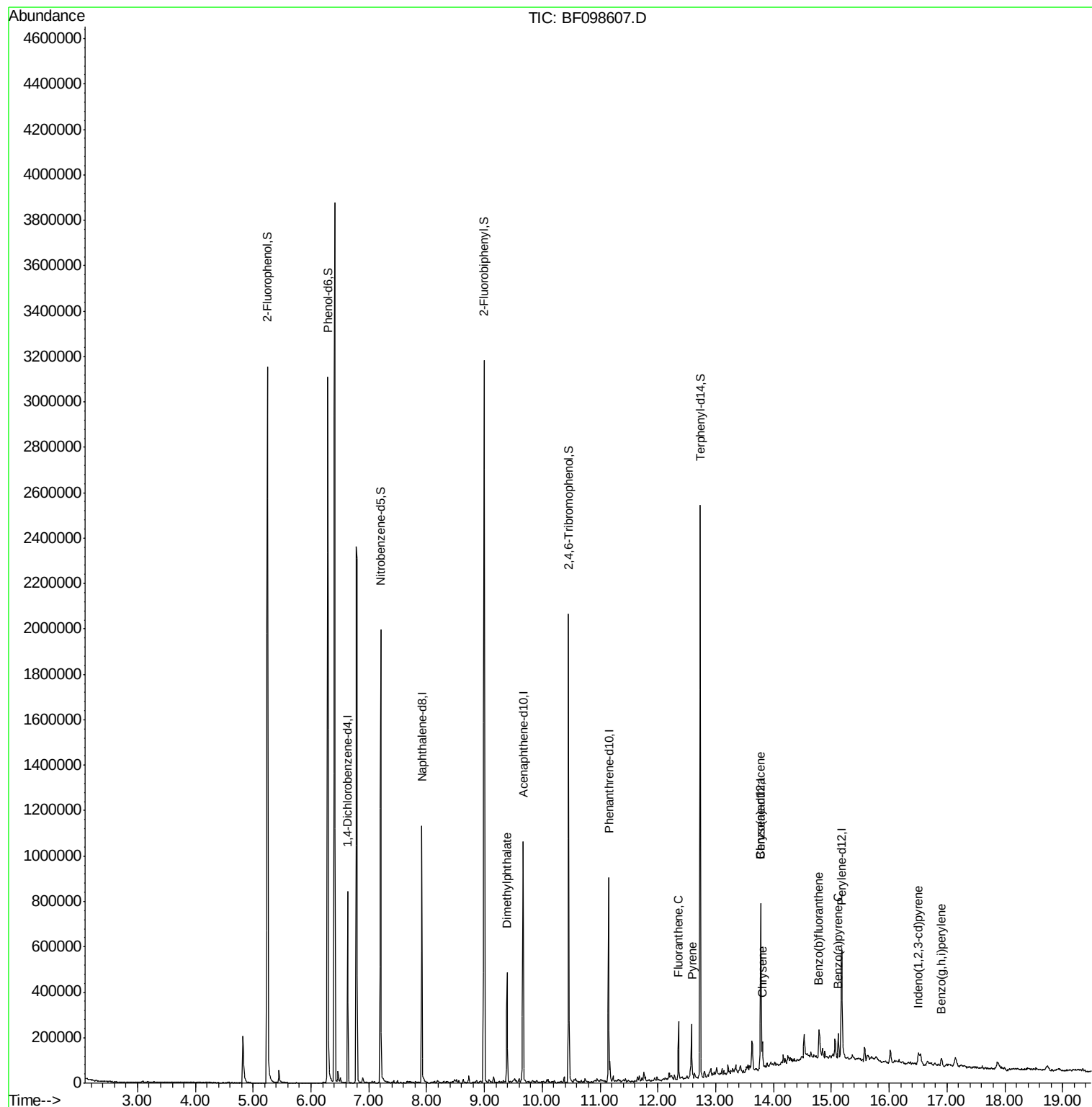
Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
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ALS Vial : 13 Sample Multiplier: 1

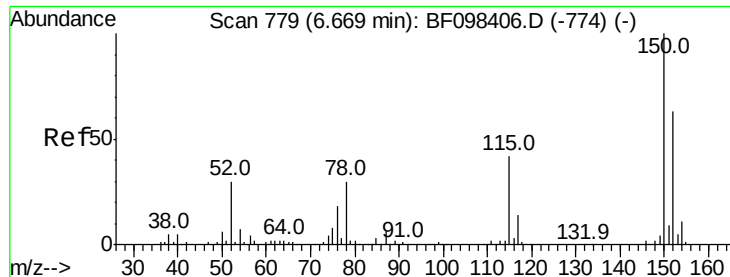
Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-X(0-5)COMP

Manual Integrations
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#1

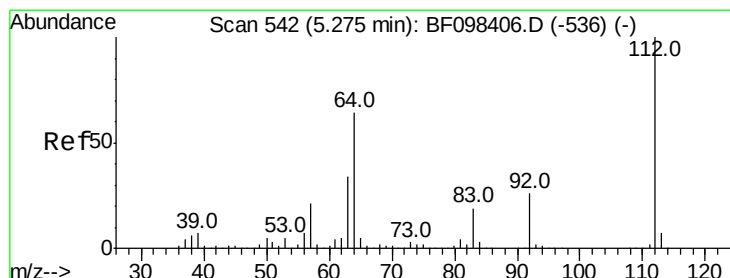
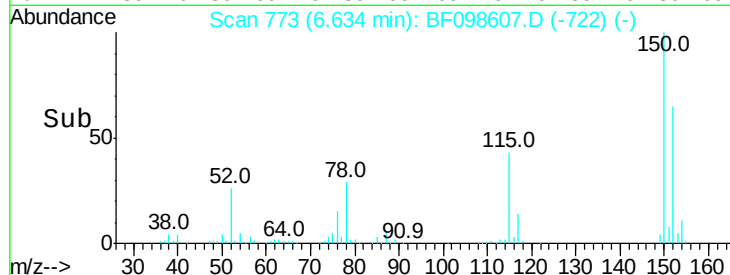
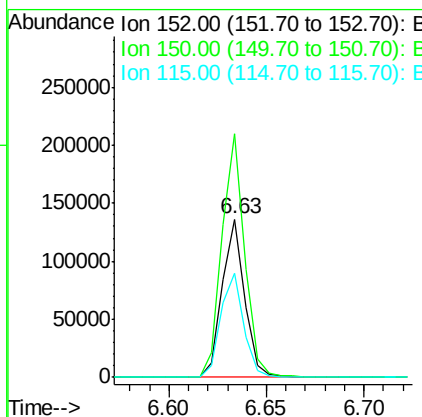
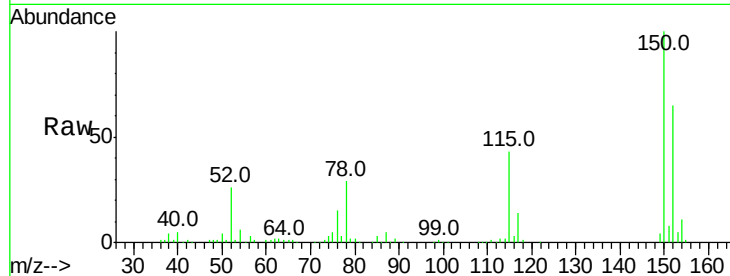
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF098607.D
Acq: 18 Sep 2017 17:36

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-X(0-5)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	65.7	52.2	78.2

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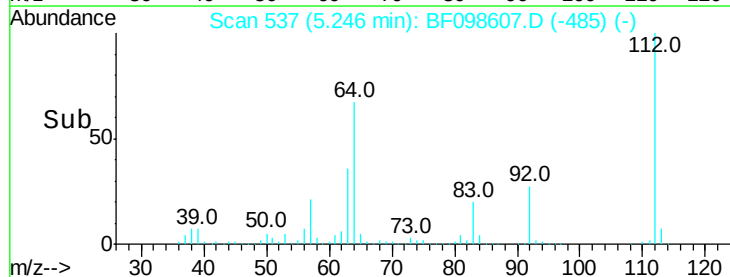
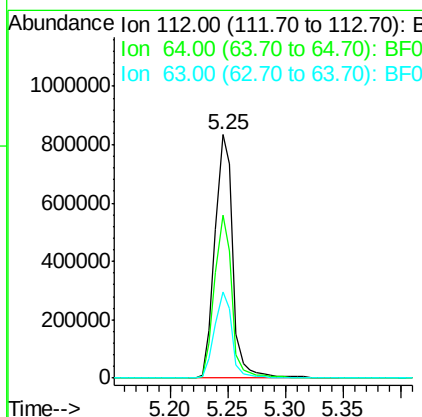
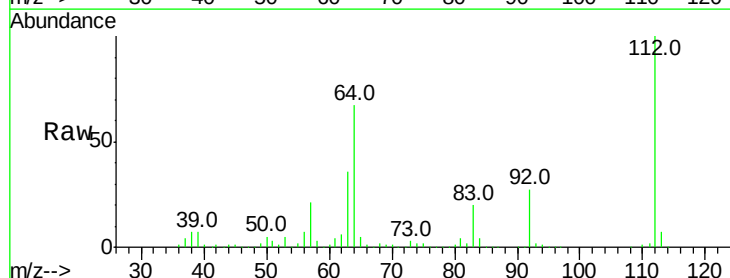
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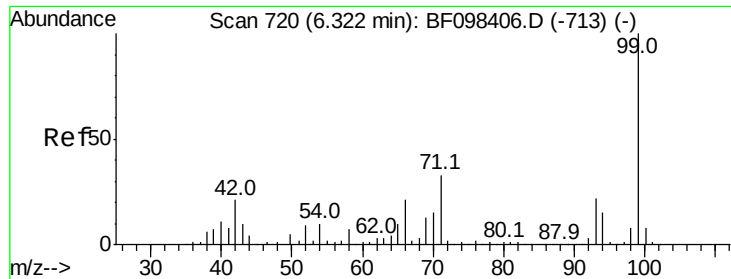


#5

2-Fluorophenol
Concen: 122.033 ng
RT: 5.25 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF098607.D
Acq: 18 Sep 2017 17:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.0	69.0
63	35.5	23.4	35.0





#7

Phenol-d6

Concen: 119.058 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF098607.D

Acq: 18 Sep 2017 17:36

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-X(0-5)COMP

Tot Ion: 99 Resp: 1117242

Ion Ratio Lower Upper

99 100

42 20.6 13.5 20.3#

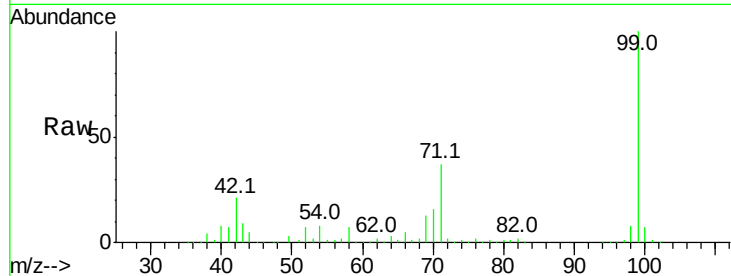
71 37.3 24.5 36.7#

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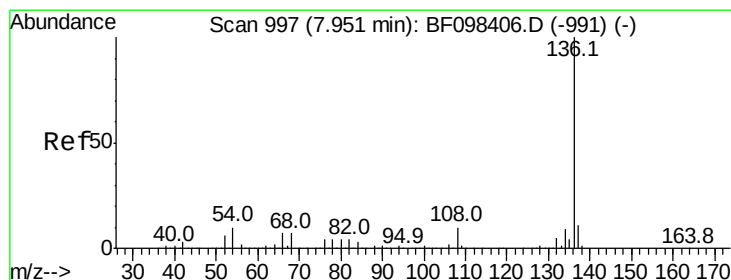
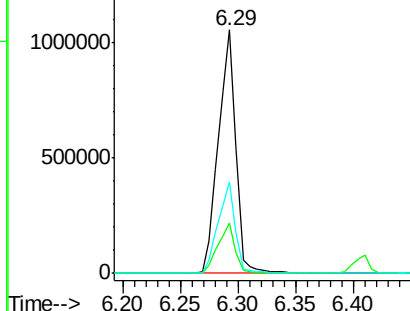
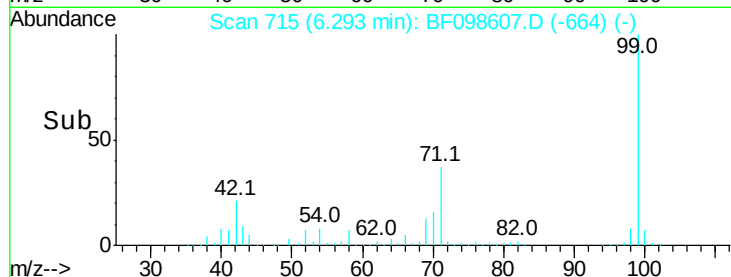
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF098607.D

Acq: 18 Sep 2017 17:36

Tgt Ion: 136 Resp: 448143

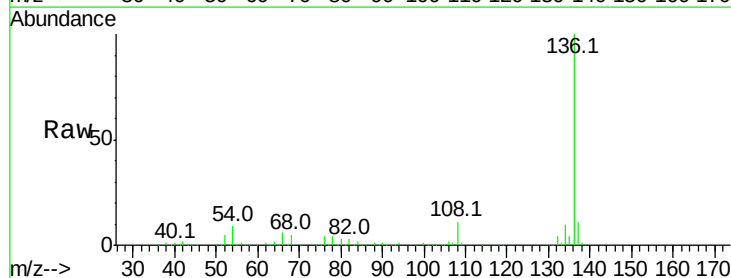
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.2 4.9 7.3#

68 4.9 4.1 6.1

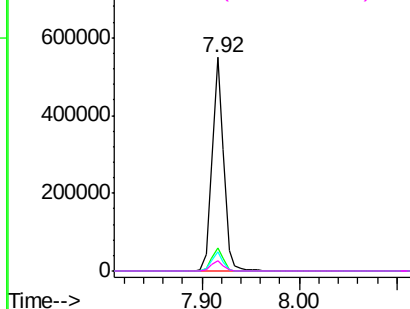
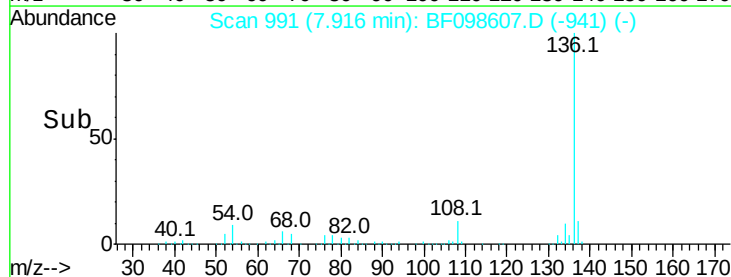


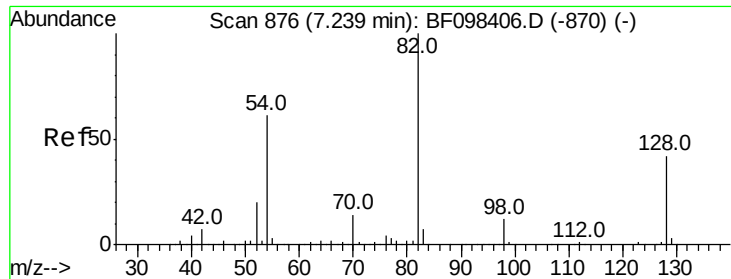
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





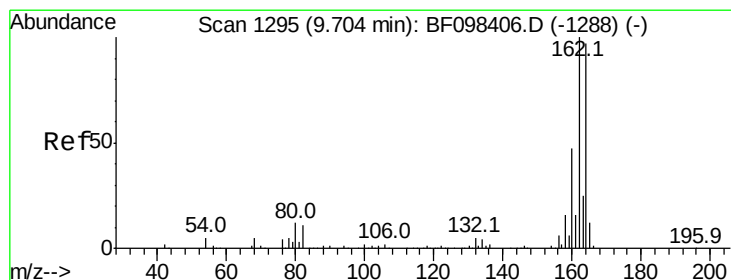
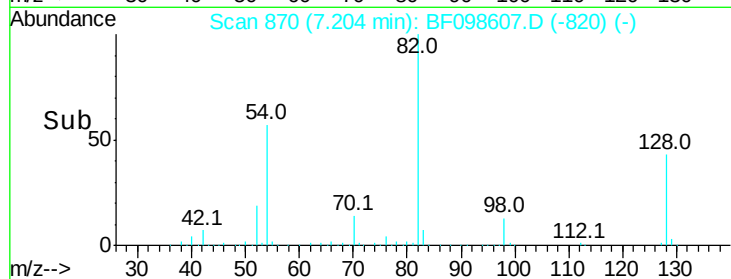
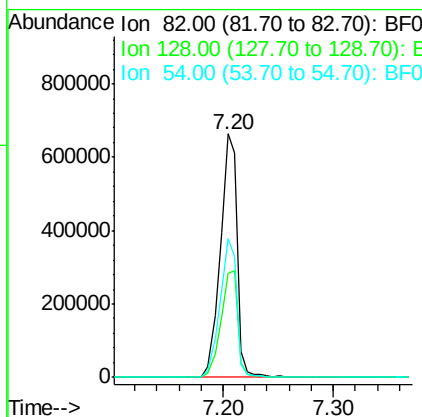
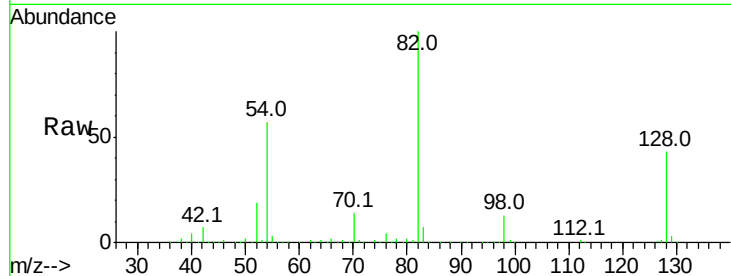
#23
 Nitrobenzene-d5
 Concen: 87.672 ng
 RT: 7.20 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF098607.D
 Acq: 18 Sep 2017 17:36

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-X(0-5)COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.0	51.0
54	57.0	42.2	63.2

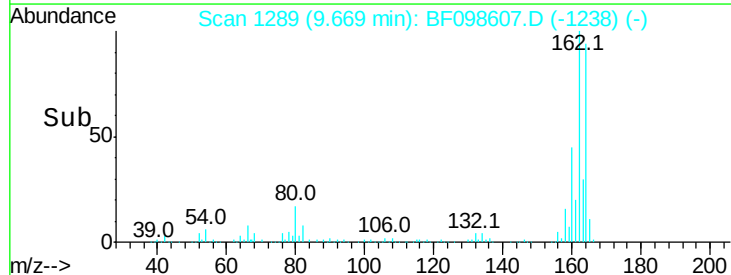
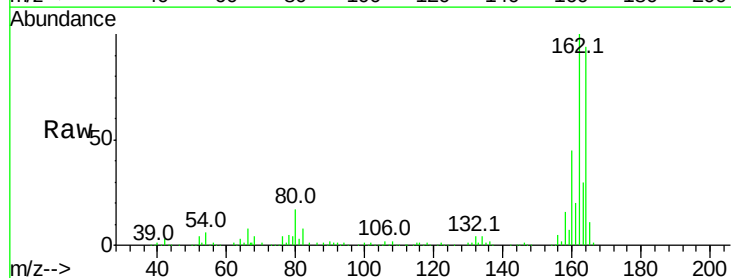
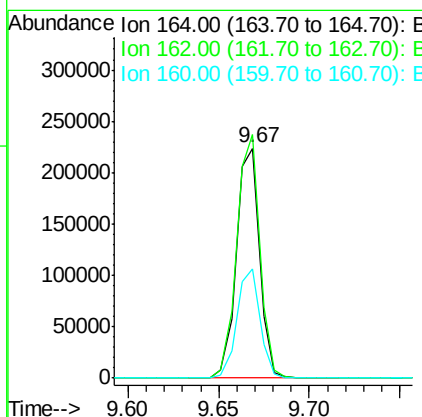
Manual Integrations
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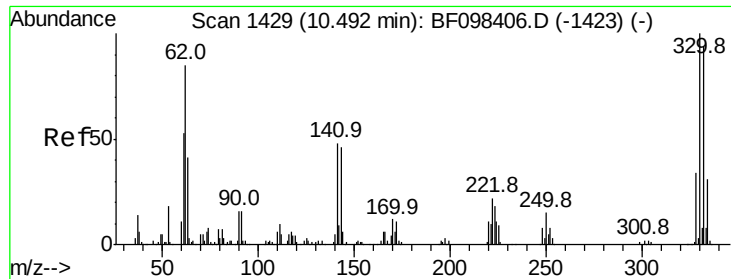
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF098607.D
 Acq: 18 Sep 2017 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.6	123.8
160	47.7	36.2	54.2





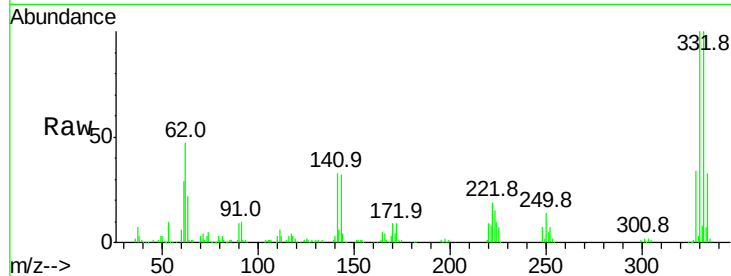
#41
 2,4,6-Tribromophenol
 Concen: 156.291 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF098607.D
 Acq: 18 Sep 2017 17:36

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-X(0-5)COMP

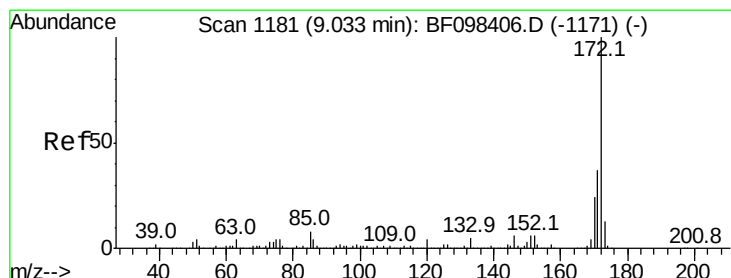
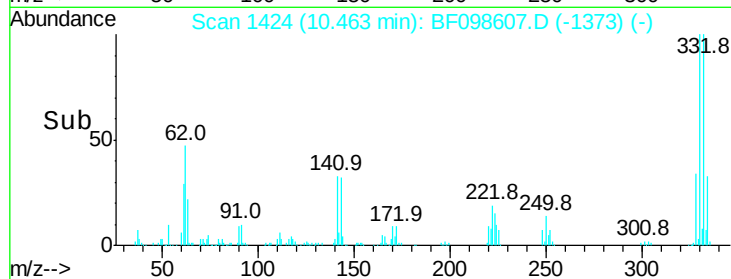
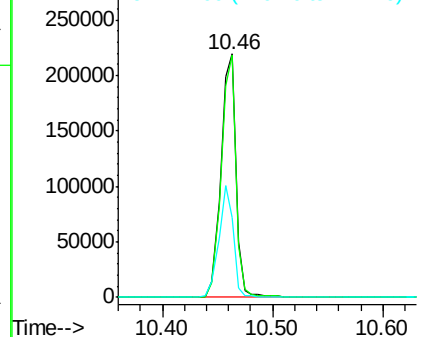
Tot Ion	Ratio	Resp	Lower	Upper
330	100	207583		
332	96.7	76.6	115.0	
141	43.9	31.4	47.2	

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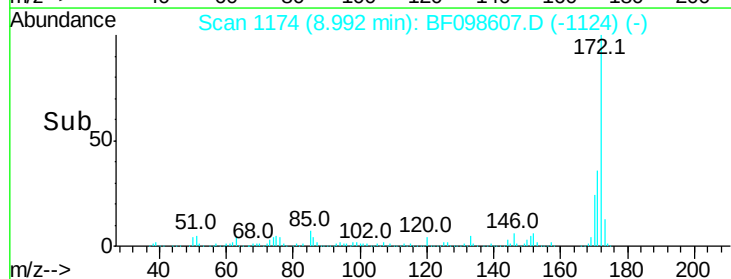
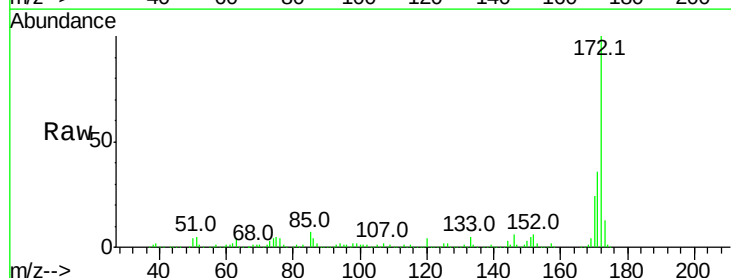
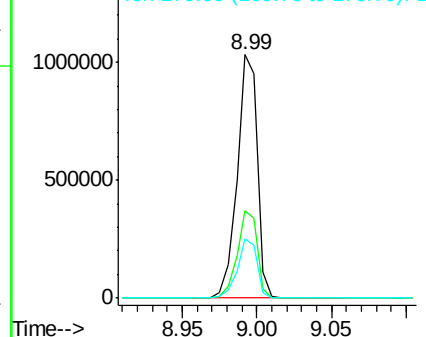
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

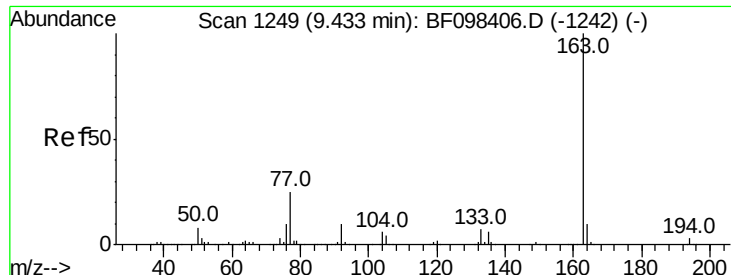


#44
 2-Fluorobiphenyl
 Concen: 83.973 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF098607.D
 Acq: 18 Sep 2017 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	985943		
171	35.7	29.6	44.4	
170	24.2	19.8	29.8	

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





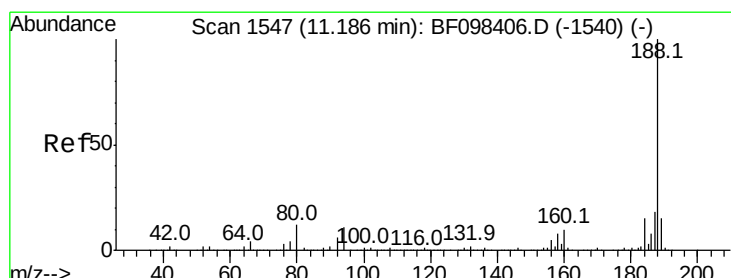
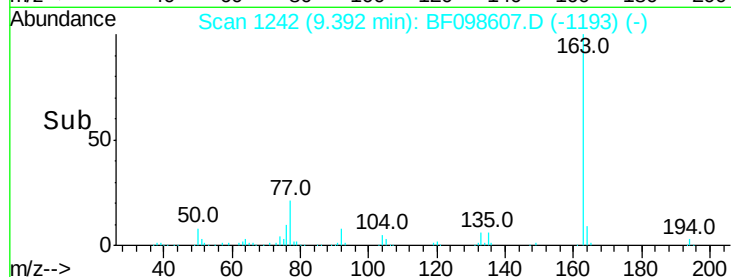
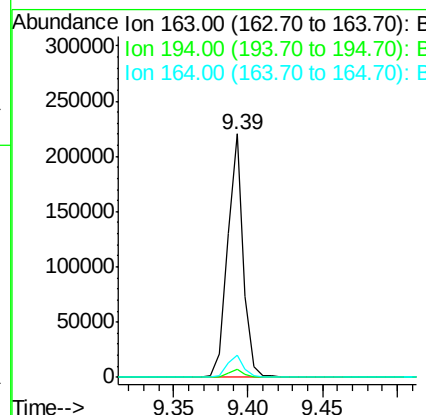
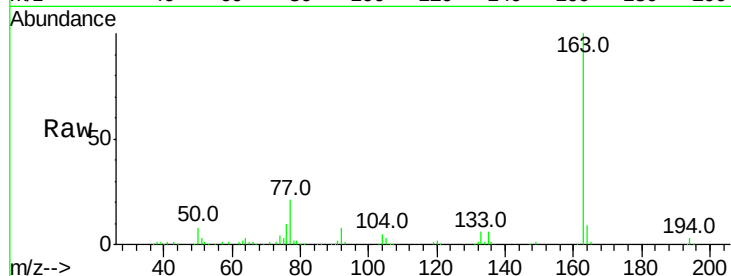
#49
Dimethylphthalate
Concen: 10.589 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098607.D
Acq: 18 Sep 2017 17:36

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-X(0-5)COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	163114		
194	3.2	2.6	4.0	
164	9.4	8.4	12.6	

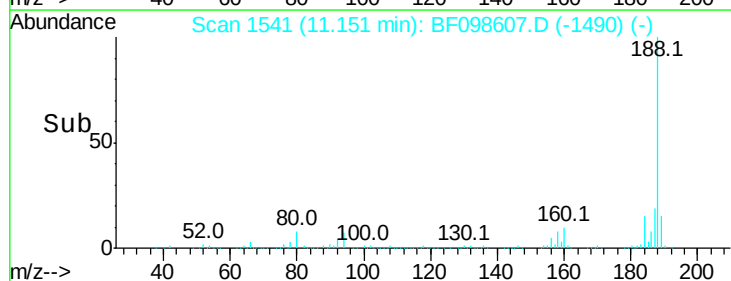
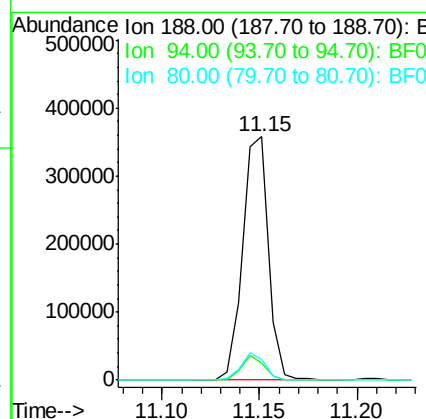
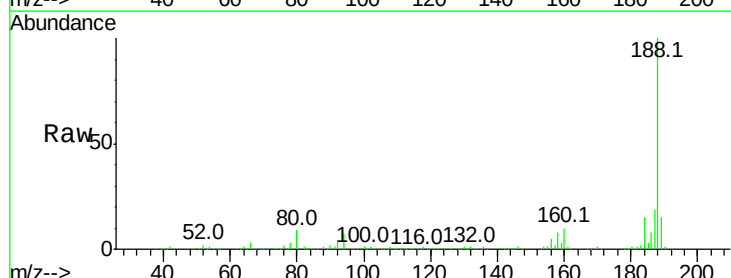
Manual Integrations
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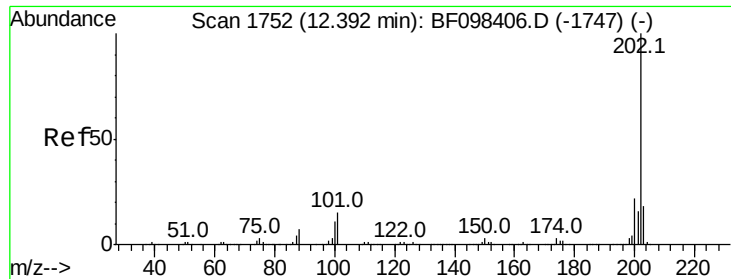
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF098607.D
Acq: 18 Sep 2017 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	327037		
94	7.3	9.4	14.2#	
80	8.6	10.2	15.2#	





#74

Fluoranthene

Concen: 5.458 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF098607.D

Acq: 18 Sep 2017 17:36

Instrument :

BNA_F

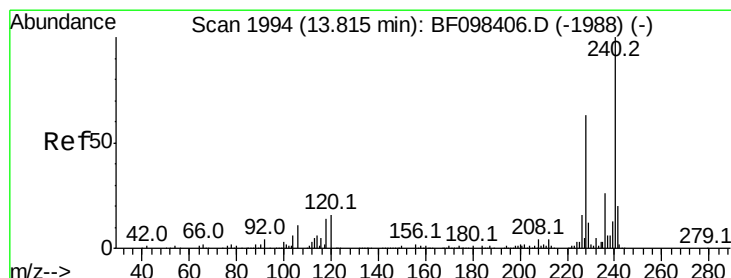
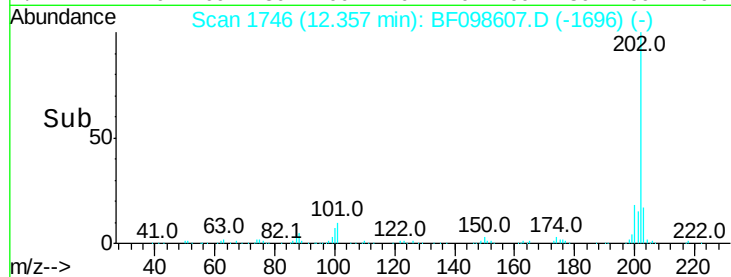
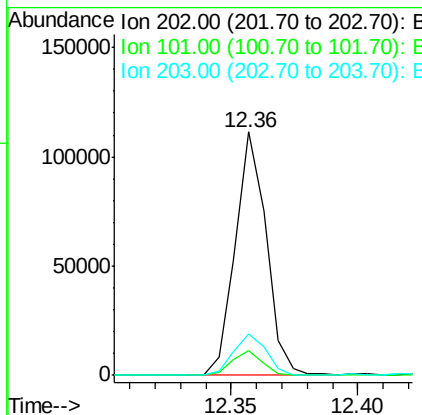
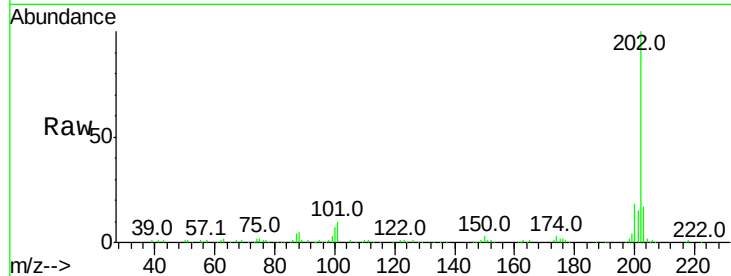
ClientSampleId :

SASP2P-TP-106-X(0-5)COMP

Tot Ion:	202	Resp:	94734
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	33.2
203	16.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

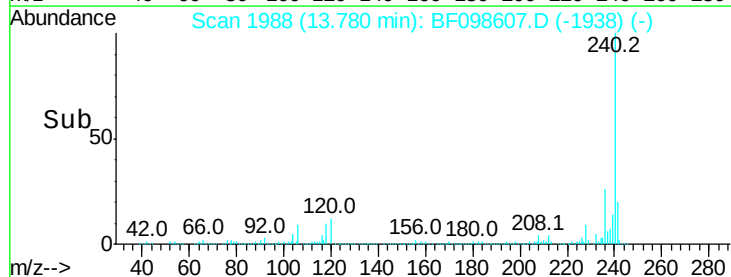
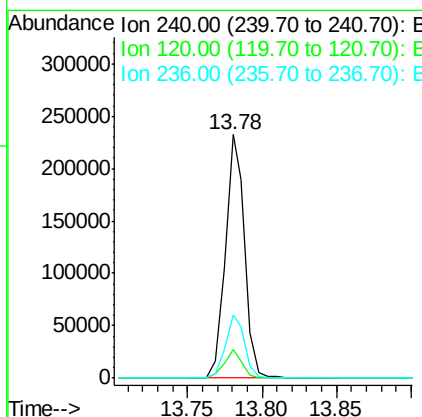
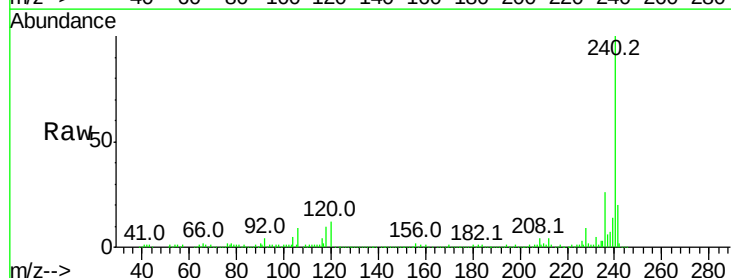
RT: 13.78 min Scan# 1988

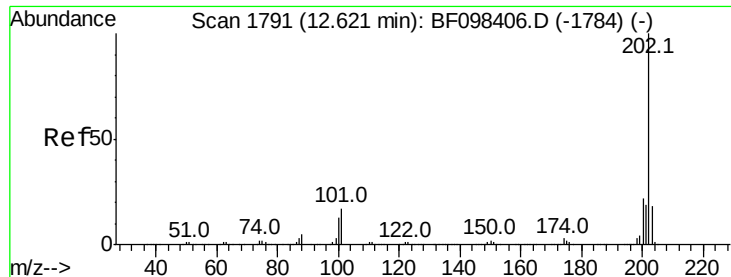
Delta R.T. -0.01 min

Lab File: BF098607.D

Acq: 18 Sep 2017 17:36

Tgt Ion:	240	Resp:	210787
Ion Ratio	Lower	Upper	
240	100		
120	11.9	5.8	8.8#
236	25.7	20.5	30.7





#77

Pvrene

Concen: 5.662 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF098607.D

Acq: 18 Sep 2017 17:36

Instrument :

BNA_F

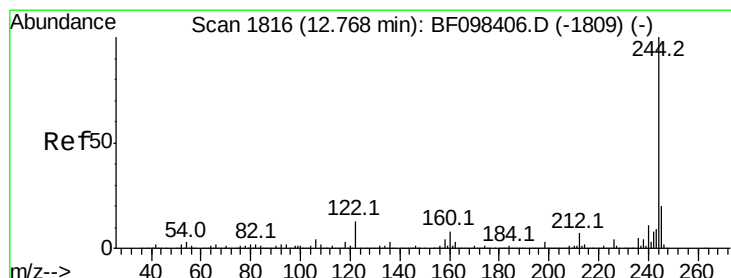
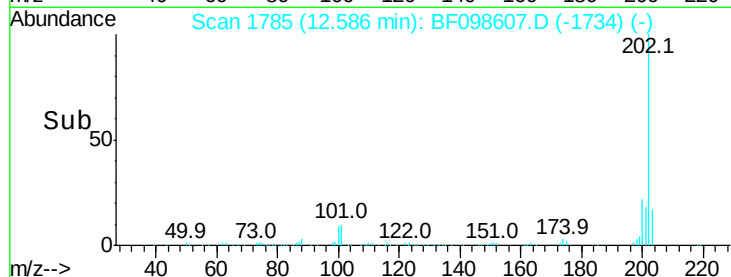
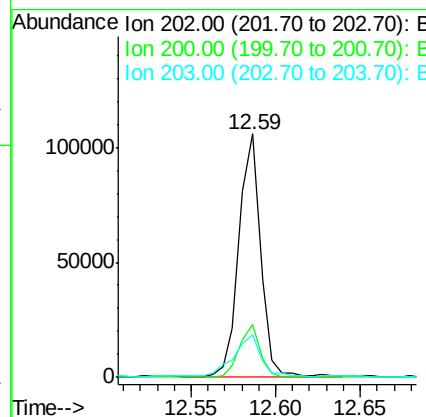
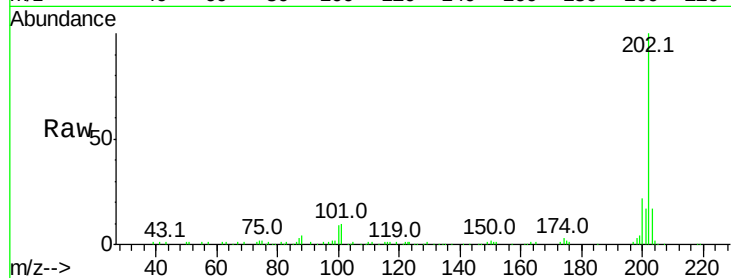
ClientSampleId :

SASP2P-TP-106-X(0-5)COMP

Tot Ion:	202	Resp:	94141
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.6	26.4
203	17.3	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 69.841 ng

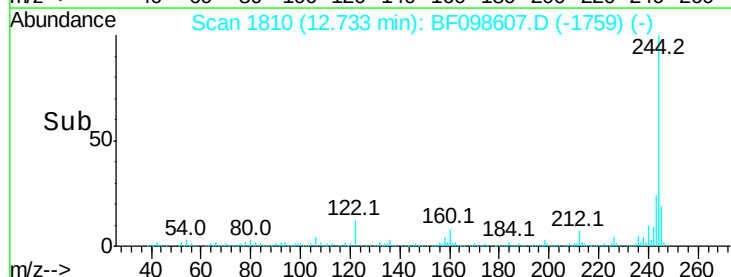
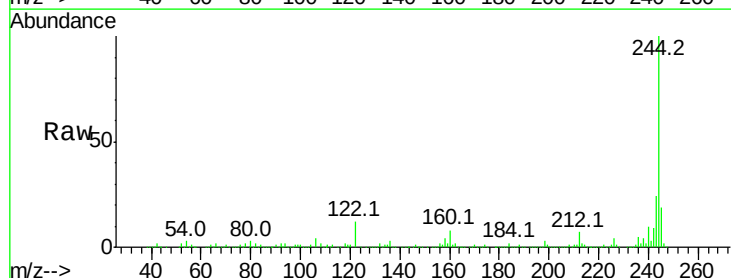
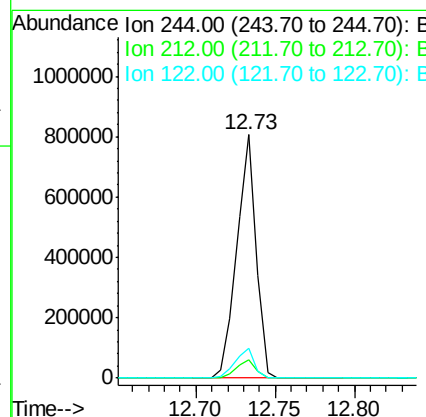
RT: 12.73 min Scan# 1810

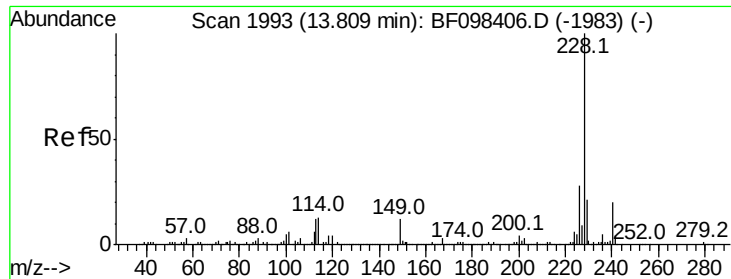
Delta R.T. 0.00 min

Lab File: BF098607.D

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Tgt Ion:	244	Resp:	682044
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	12.0	10.3	15.5





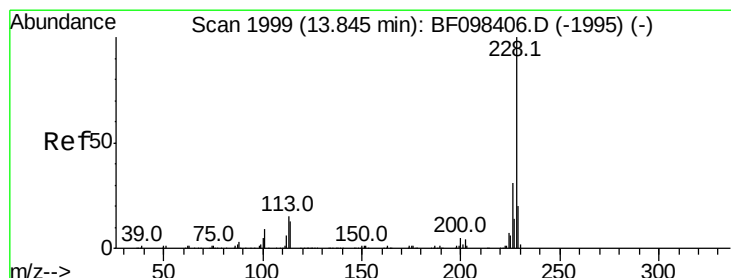
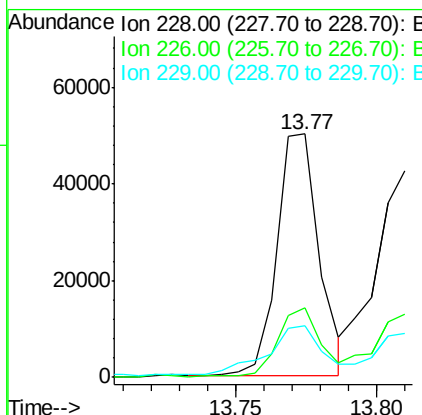
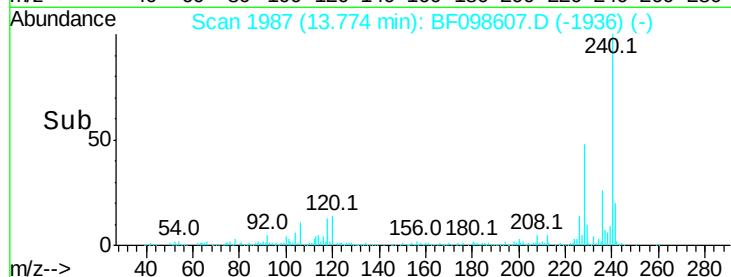
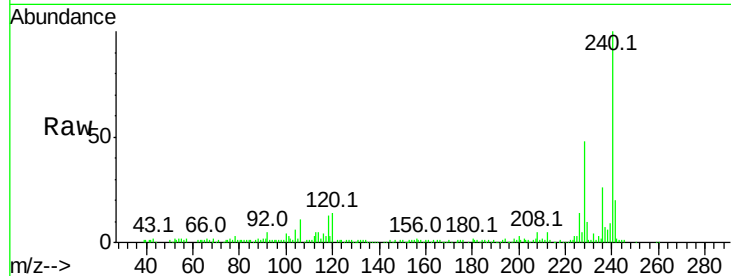
#80
Benzo(a)anthracene
Concen: 4.195 ng
RT: 13.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BF098607.D
Acq: 18 Sep 2017 17:36

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-X(0-5)COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.2	16.3	24.5

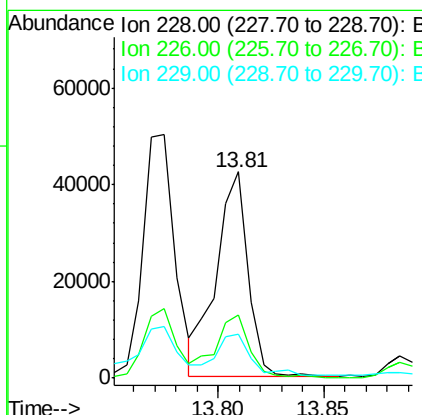
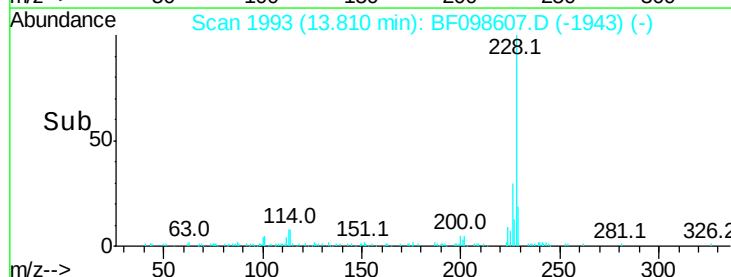
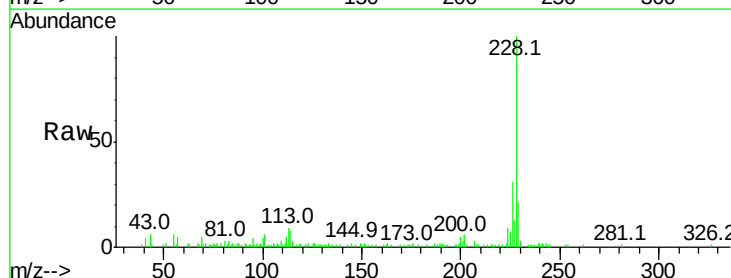
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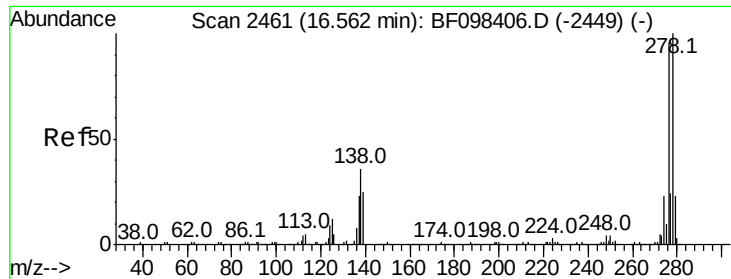
Sohil
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#82
Chrysene
Concen: 3.527 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098607.D
Acq: 18 Sep 2017 17:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.1	15.8	23.6





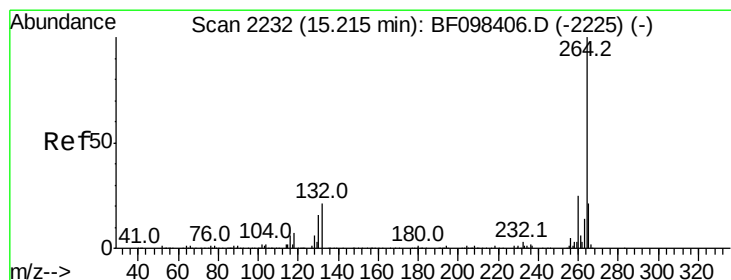
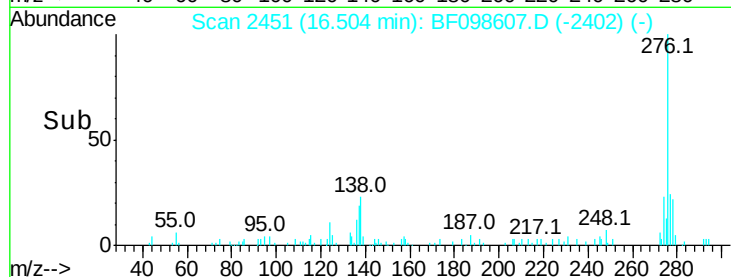
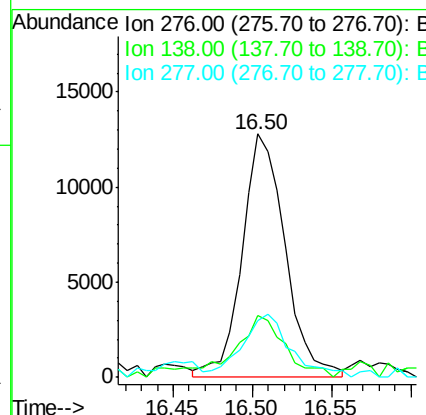
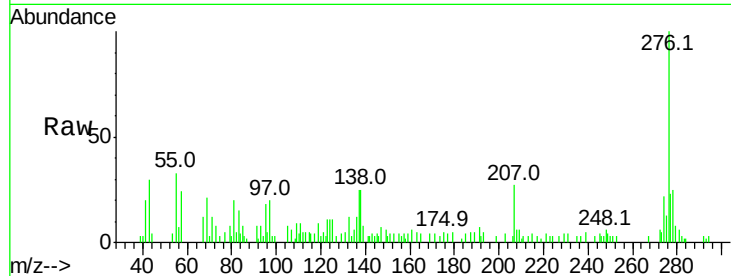
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.763 ng
RT: 16.50 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BF098607.D
Acq: 18 Sep 2017 17:36

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-X(0-5)COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.1	27.8	41.6
277	28.6	20.2	30.4

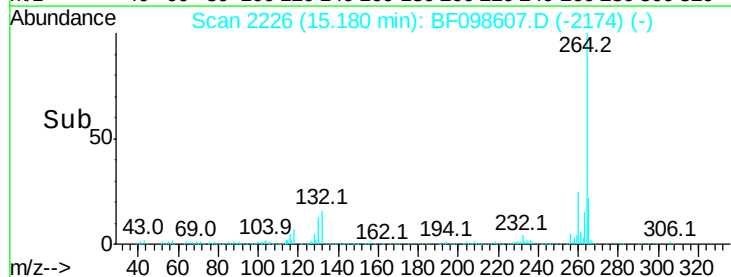
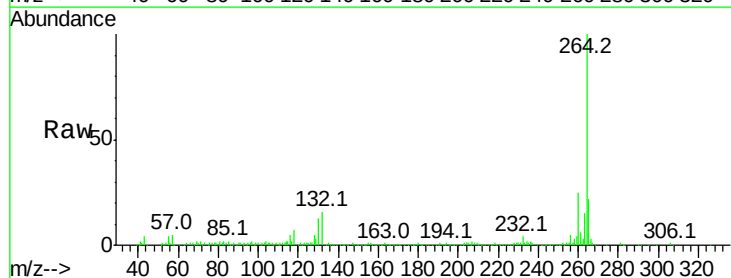
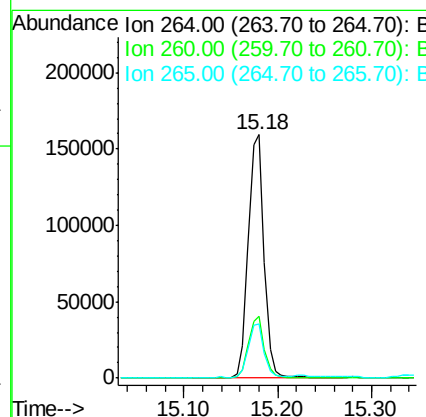
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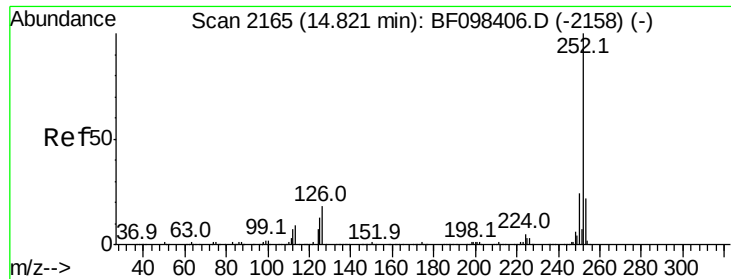
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098607.D
Acq: 18 Sep 2017 17:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	22.2	17.2	25.8





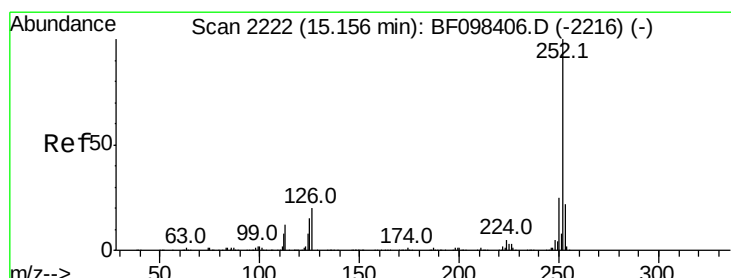
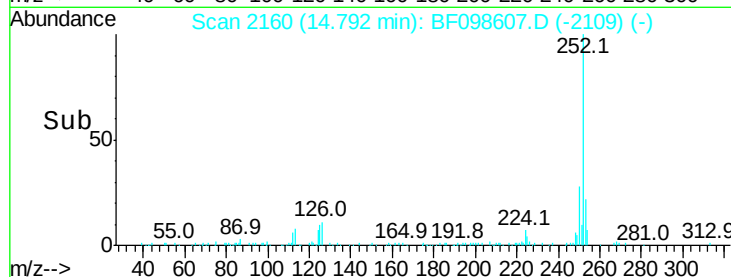
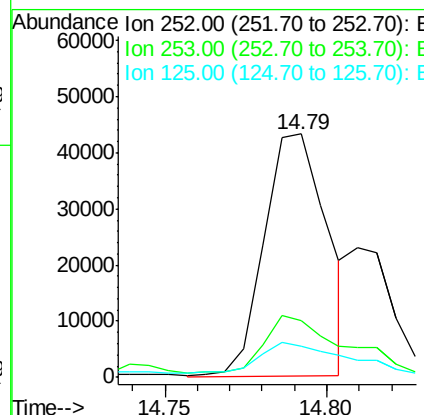
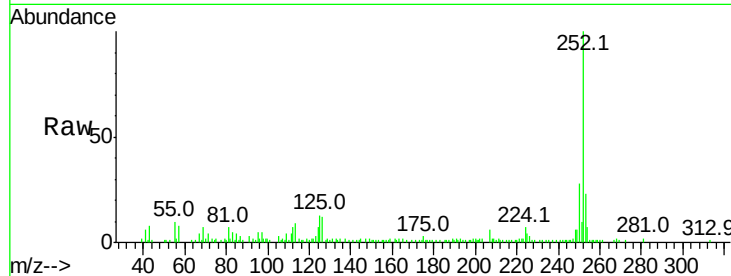
#87
Benzo(b)fluoranthene
Concen: 4.946 ng m
RT: 14.79 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BF098607.D
Acq: 18 Sep 2017 17:36

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-X(0-5)COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	12.6	9.8	14.8

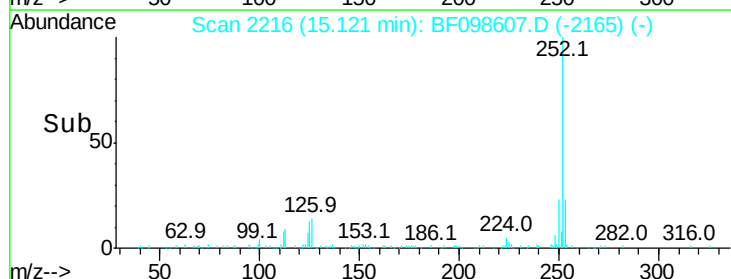
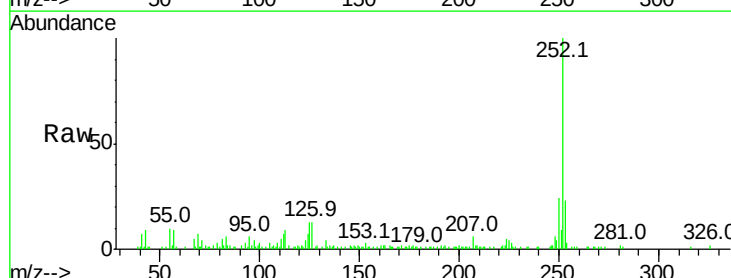
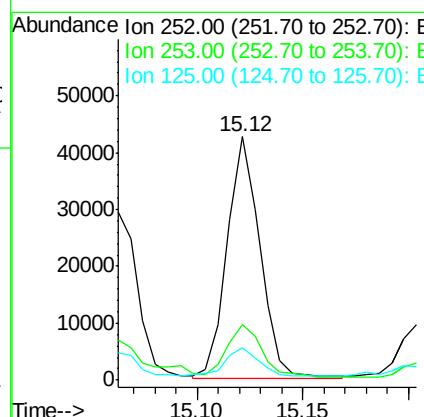
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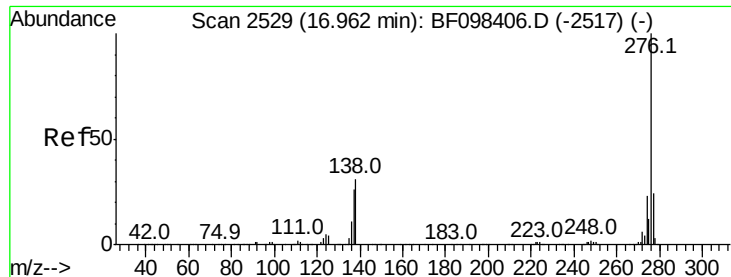
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#89
Benzo(a)pyrene
Concen: 4.324 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF098607.D
Acq: 18 Sep 2017 17:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.4	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 3.026 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. 0.00 min
 Lab File: BF098607.D
 Acq: 18 Sep 2017 17:36

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-X(0-5)COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.6	28.0
138	24.5	25.4	38.0

Manual Integrations
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Sohil
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