

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
 Data File : BG031480.D
 Acq On : 12 Dec 2017 7:35
 Operator : SJ/JU
 Sample : I6766-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WQ-5

Manual Integrations
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Sohil
 12/12/2017 3:55:20 PM

Quant Time: Dec 12 11:29:10 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51959	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	236030	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	172538	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	475119	20.00	ng	0.00
75) Chrysene-d12	21.74	240	530643	20.00	ng	0.00
86) Perylene-d12	25.03	264	466885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	134448	45.87	ng	0.00
7) Phenol-d6	7.28	99	65845	16.18	ng	0.01
23) Nitrobenzene-d5	9.27	82	364710	95.24	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	232896	115.22	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1102801	93.82	ng	0.00
78) Terphenyl-d14	20.07	244	1970294	84.48	ng	0.00
Target Compounds						
9) Benzaldehyde	7.25	77	6646	2.818	ng	Qvalue 95

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

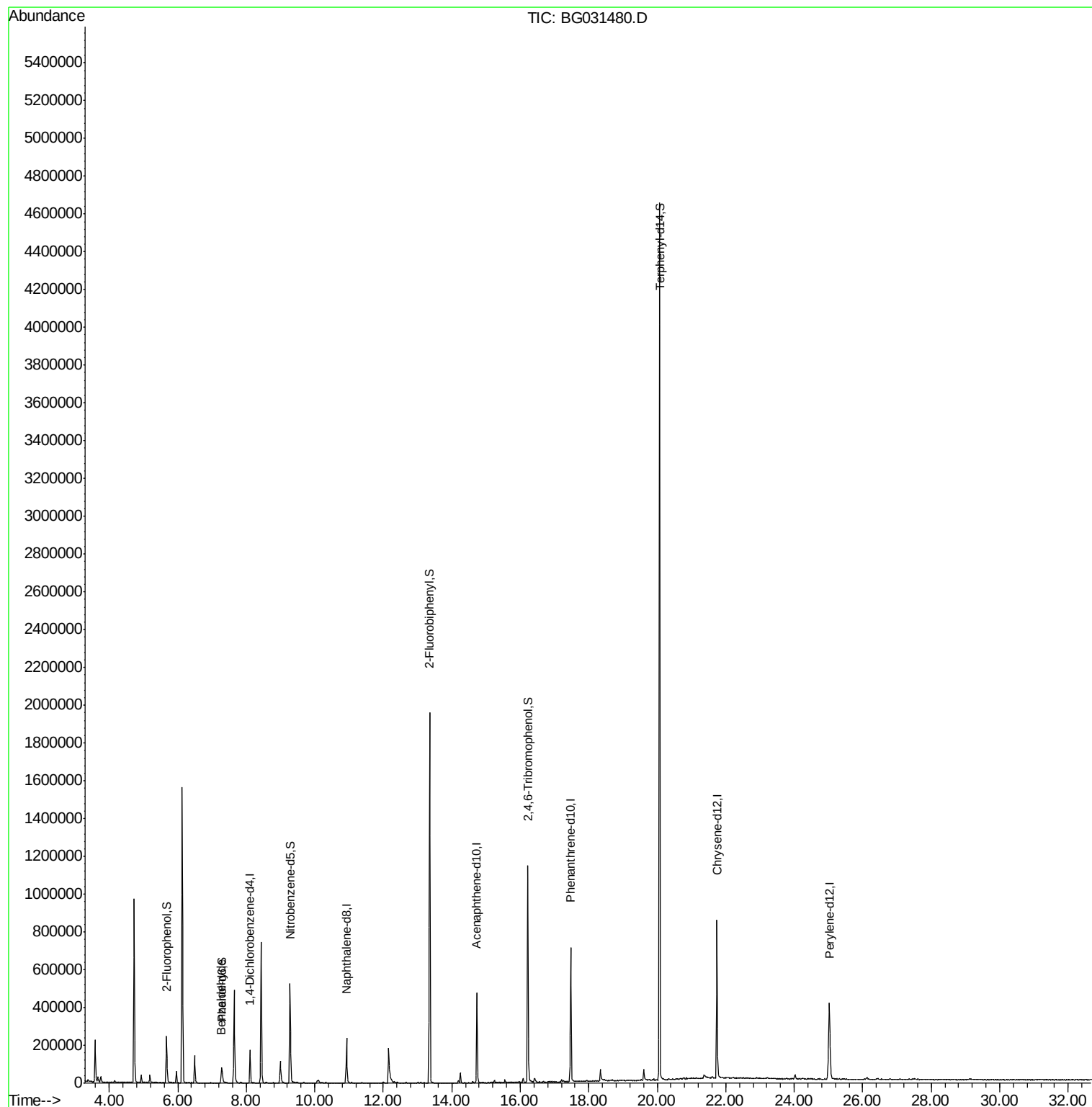
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121117\
Data File : BG031480.D
Acq On : 12 Dec 2017 7:35
Operator : SJ/JU
Sample : I6766-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

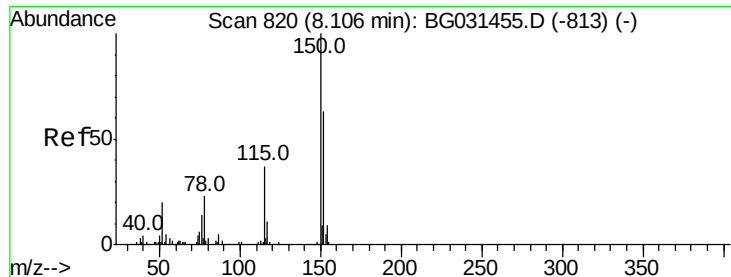
Instrument :
BNA_G
ClientSampleId :
WQ-5

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Quant Time: Dec 12 11:29:10 2017
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QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration





#1

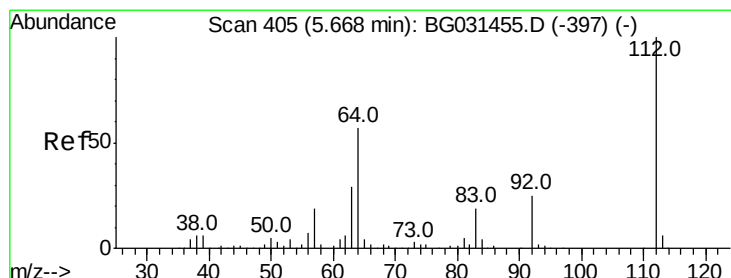
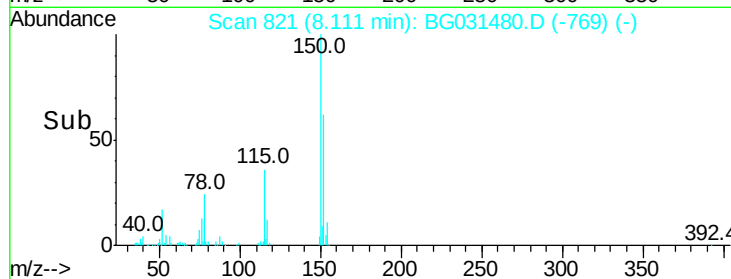
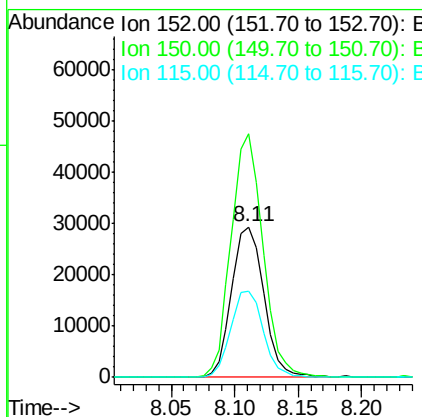
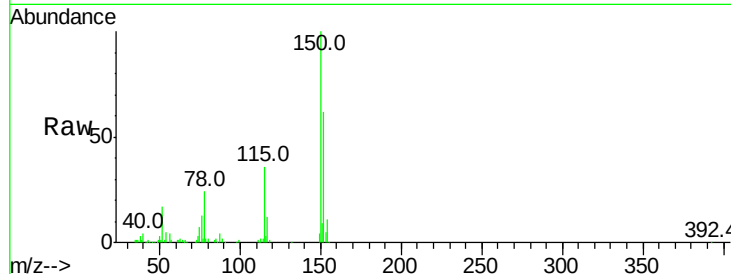
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG031480.D
Acq: 12 Dec 2017 7:35

Instrument :
BNA_G
ClientSampleId :
WQ-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	126.6	189.8
115	57.5	53.0	79.4

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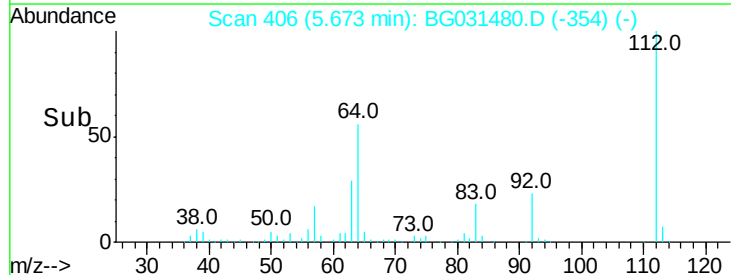
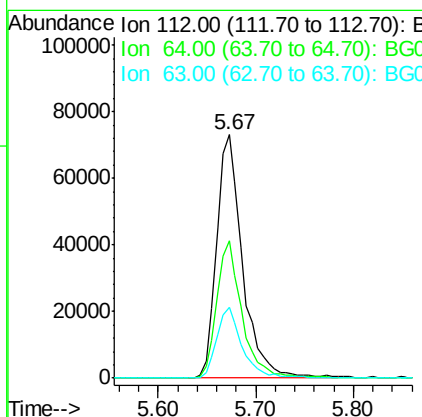
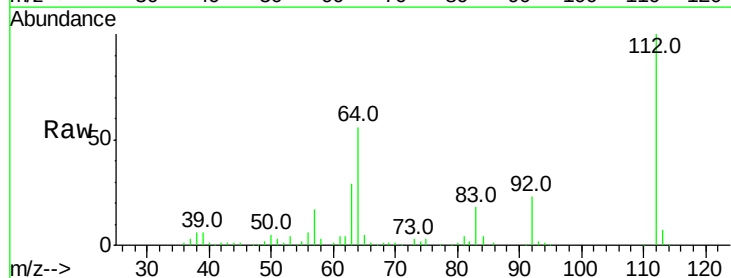
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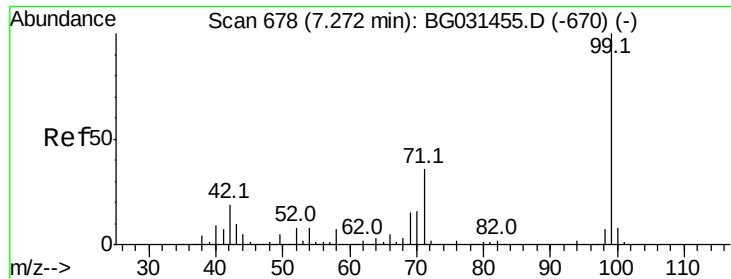


#5

2-Fluorophenol
Concen: 45.865 ng
RT: 5.67 min Scan# 406
Delta R.T. 0.01 min
Lab File: BG031480.D
Acq: 12 Dec 2017 7:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	56.3	84.5#
63	29.3	30.1	45.1#





#7

Phenol-d6

Concen: 16.180 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031480.D

Acq: 12 Dec 2017 7:35

Instrument :

BNA_G

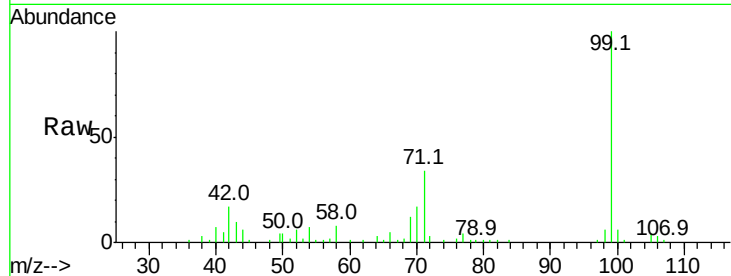
ClientSampled :

WQ-5

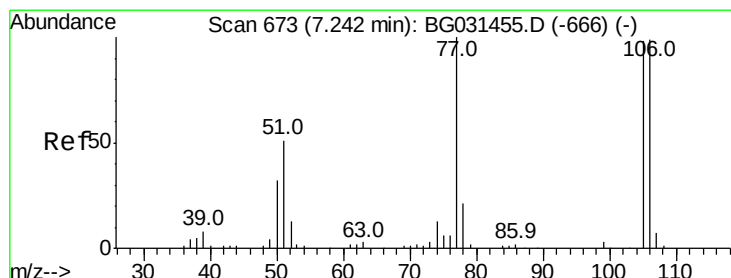
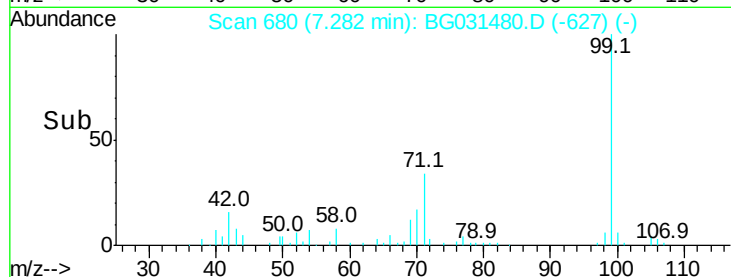
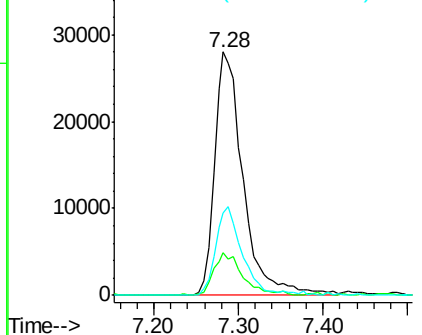
Tot Ion:	99	Resp:	65845
Ion Ratio	Lower	Upper	
99	100		
42	17.3	14.1	21.1
71	34.0	26.1	39.1

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 2.818 ng

RT: 7.25 min Scan# 675

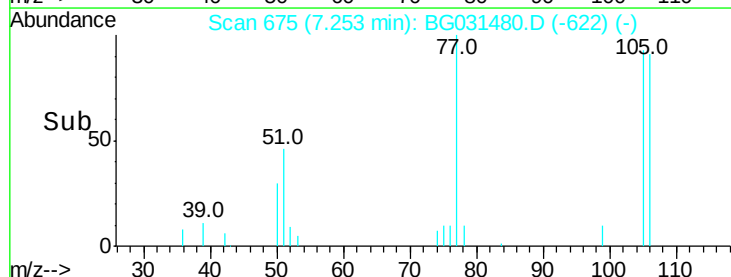
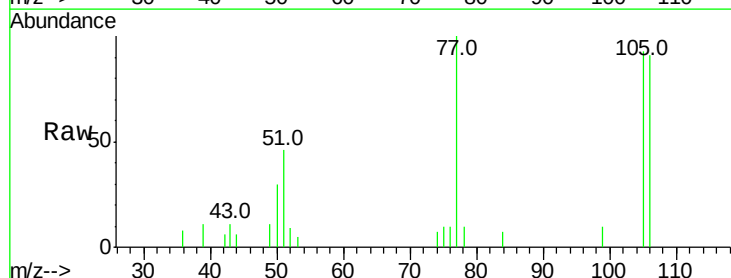
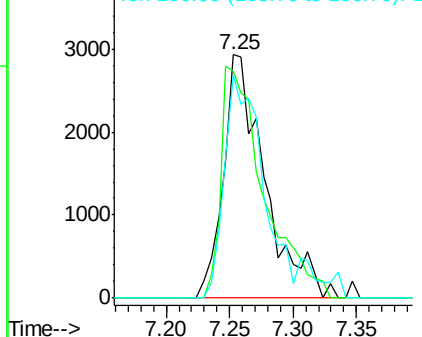
Delta R.T. 0.01 min

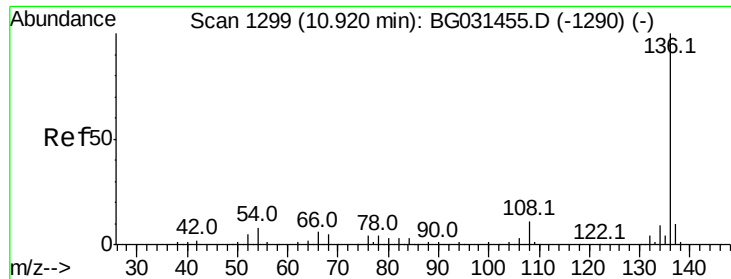
Lab File: BG031480.D

Acq: 12 Dec 2017 7:35

Tgt Ion:	77	Resp:	6646
Ion Ratio	Lower	Upper	
77	100		
105	93.4	71.3	111.3
106	91.4	64.2	104.2

Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





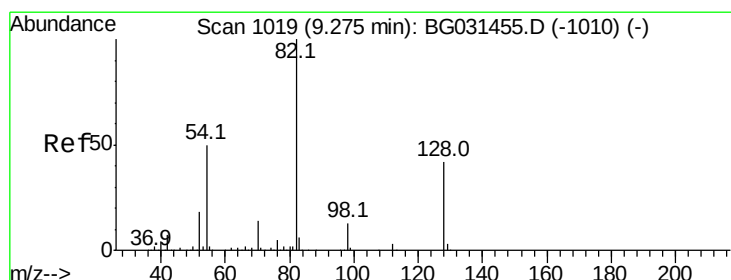
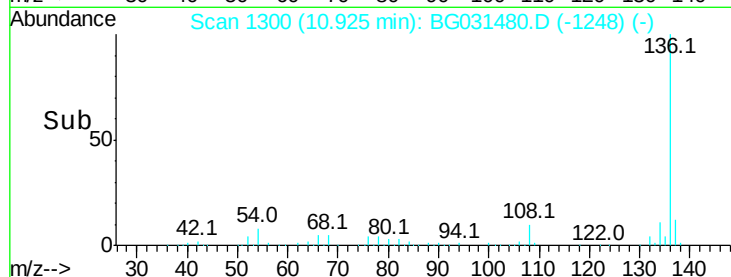
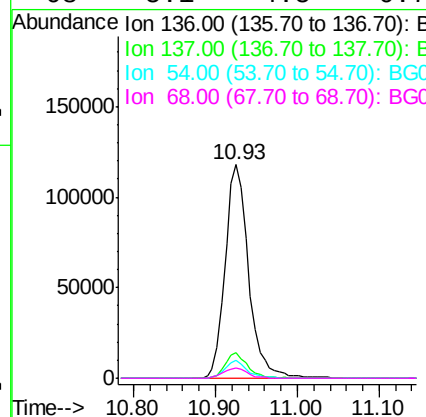
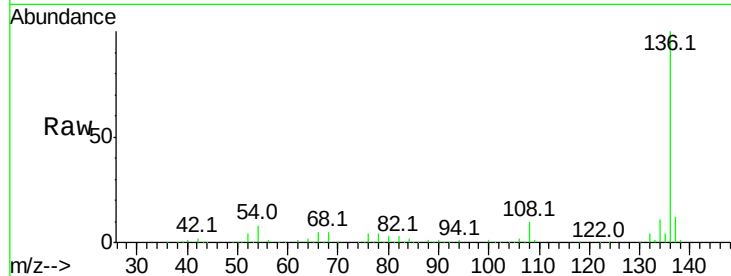
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG031480.D
Acq: 12 Dec 2017 7:35

Instrument :
BNA_G
ClientSampleId :
WQ-5

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.7	9.2	13.8
54	8.1	10.3	15.5
68	5.1	4.5	6.7

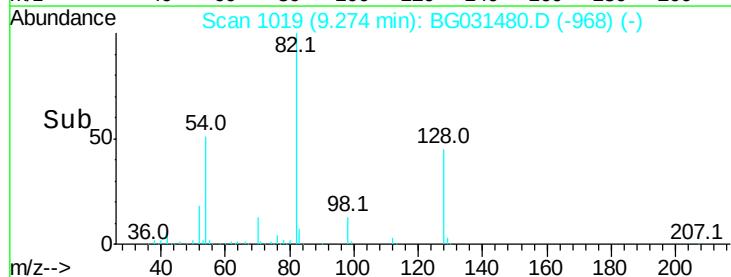
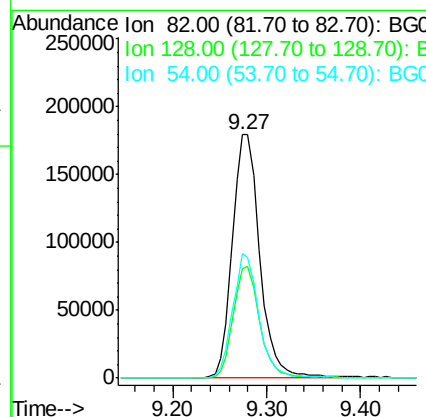
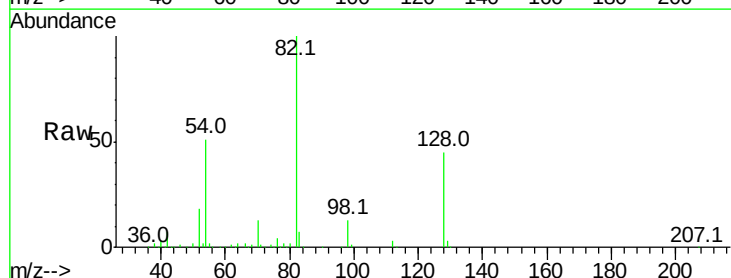
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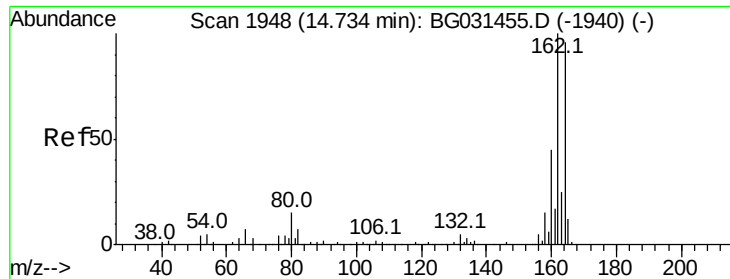
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#23
Nitrobenzene-d5
Concen: 95.240 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031480.D
Acq: 12 Dec 2017 7:35

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	44.9	29.7	44.5
54	51.2	43.1	64.7





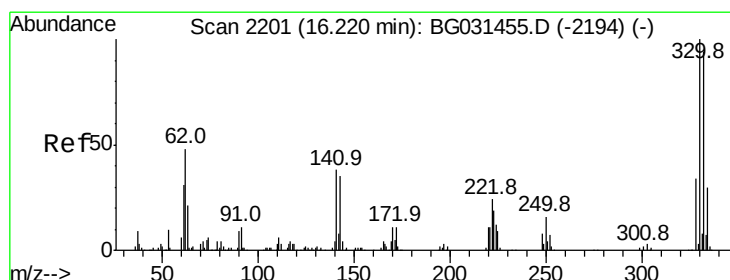
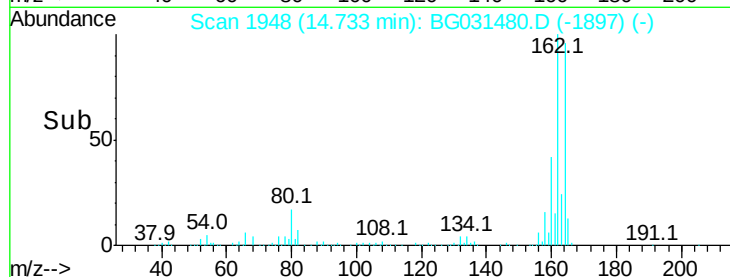
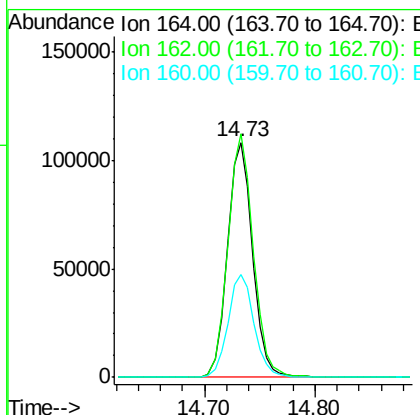
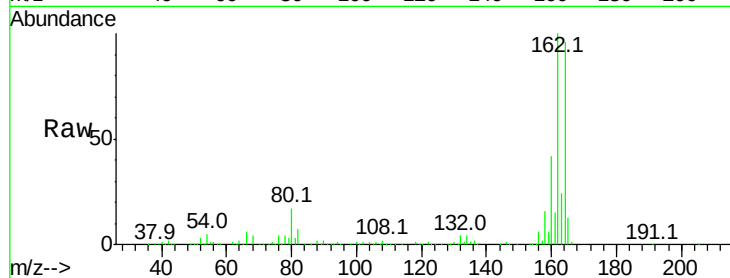
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031480.D
Acq: 12 Dec 2017 7:35

Instrument :
BNA_G
ClientSampled :
WQ-5

Tot Ion	Ratio	Resp	Lower	Upper
164	100	172538		
162	103.6	78.8	118.2	
160	44.0	35.4	53.0	

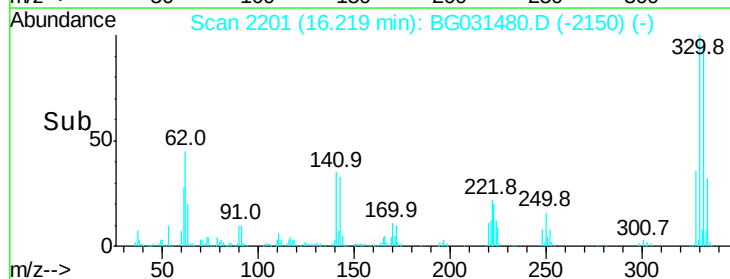
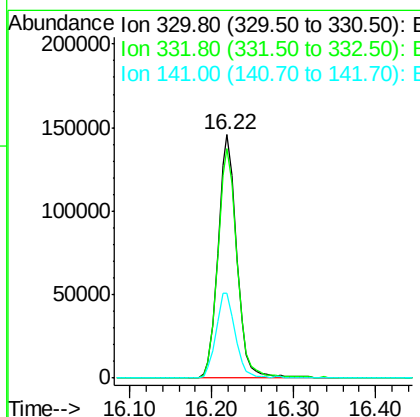
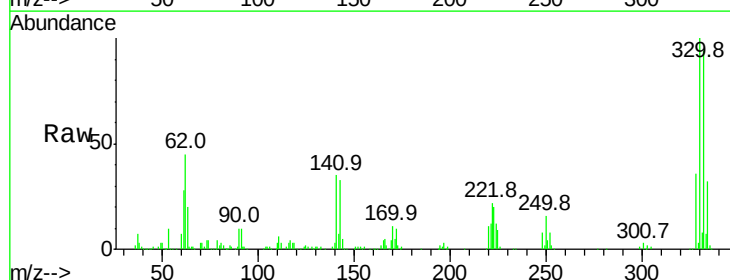
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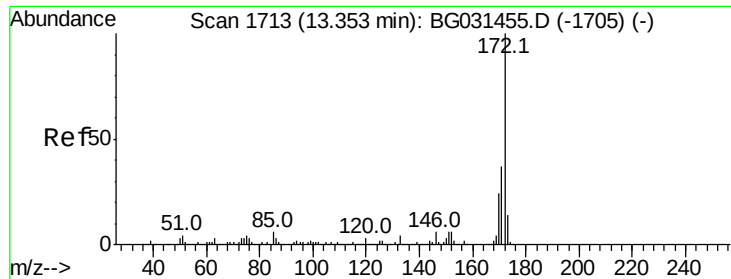
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#41
2,4,6-Tribromophenol
Concen: 115.218 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG031480.D
Acq: 12 Dec 2017 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	232896		
332	95.9	77.0	115.6	
141	36.5	25.2	37.8	





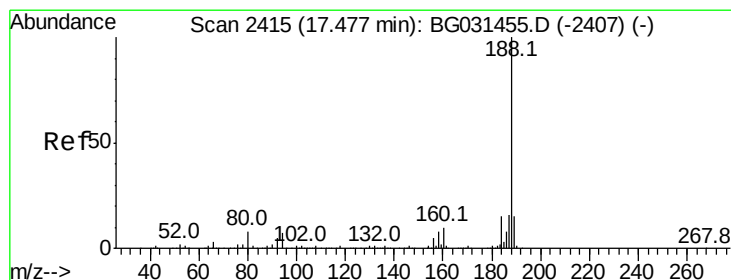
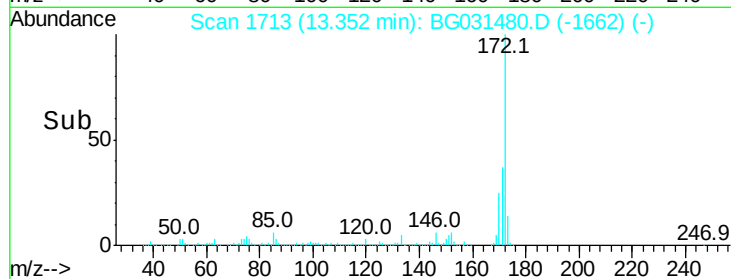
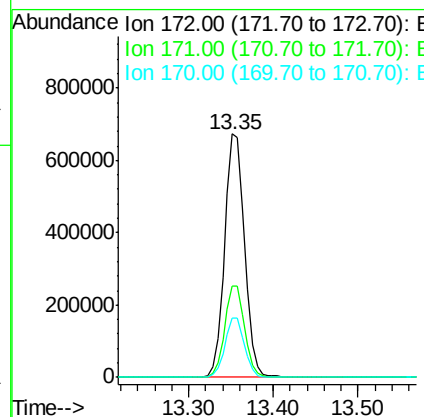
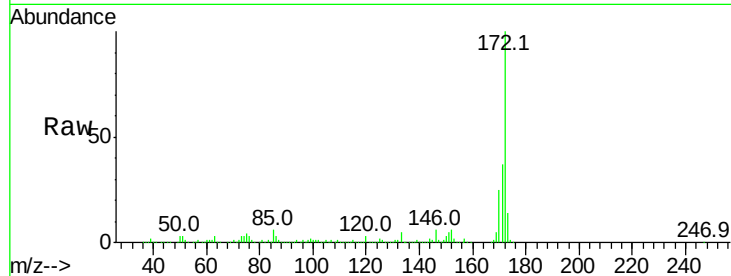
#44
2-Fluorobiphenyl
Concen: 93.821 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG031480.D
Acq: 12 Dec 2017 7:35

Instrument :
BNA_G
ClientSampleId :
WQ-5

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.5	19.5	29.3

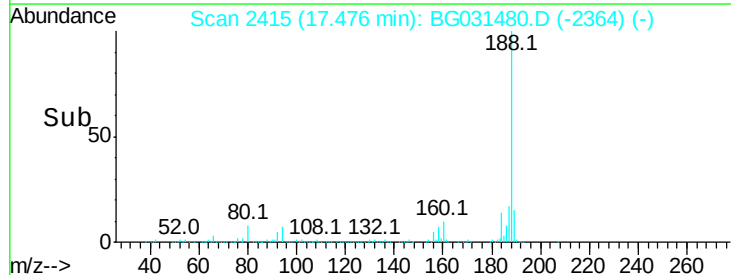
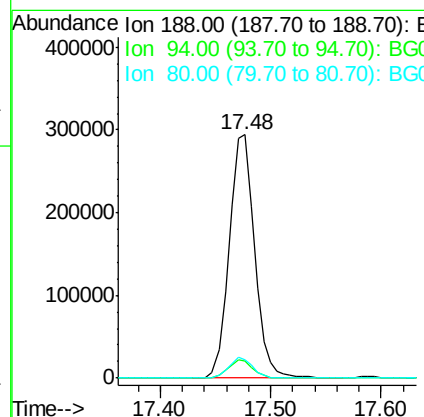
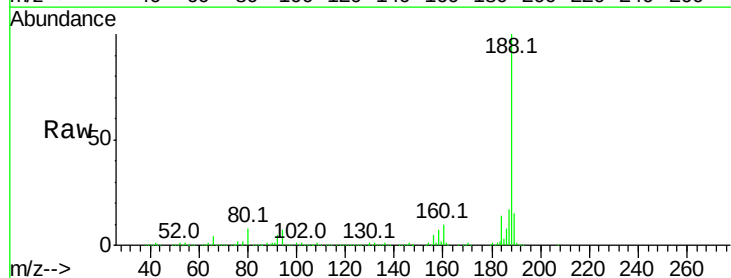
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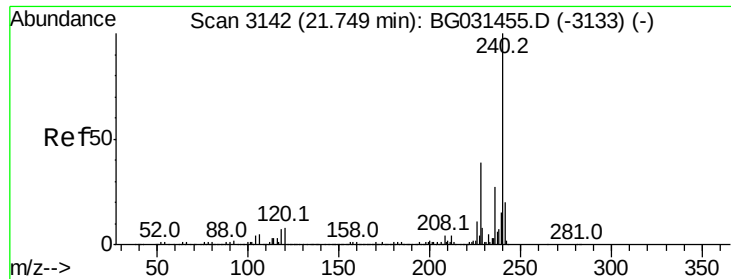
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031480.D
Acq: 12 Dec 2017 7:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	7.6	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031480.D

Acq: 12 Dec 2017 7:35

Instrument :

BNA_G

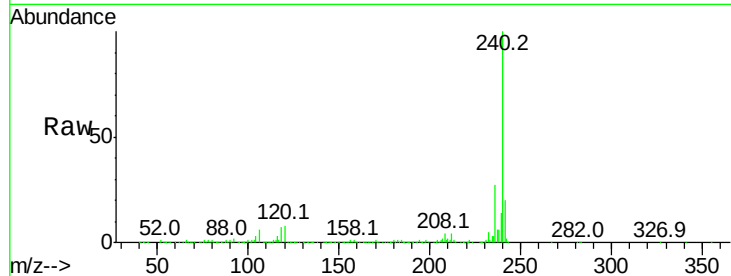
ClientSampled :

WQ-5

Tot Ion:	240	Resp:	530643
Ion Ratio	Lower	Upper	
240	100		
120	8.3	6.8	10.2
236	26.8	20.9	31.3

Manual Integrations
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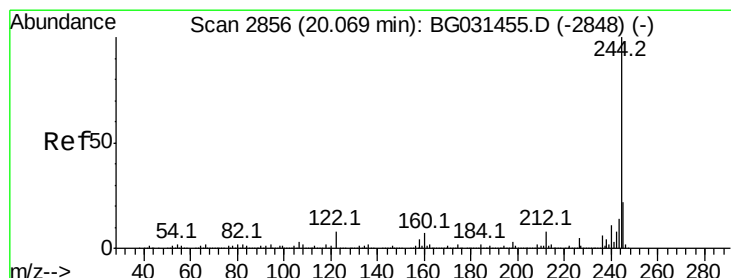
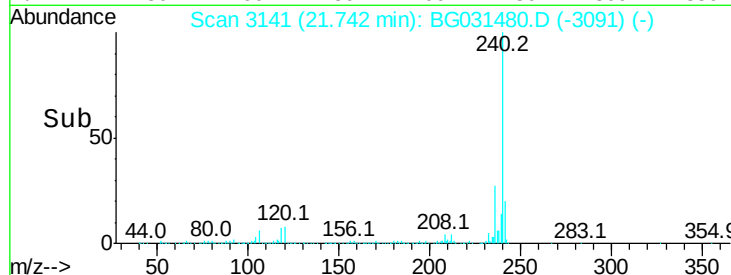
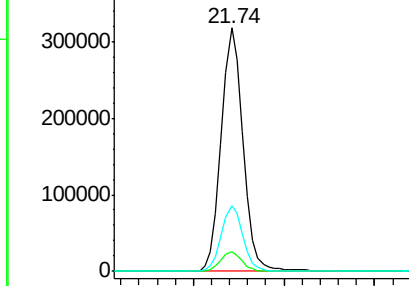
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 84.478 ng

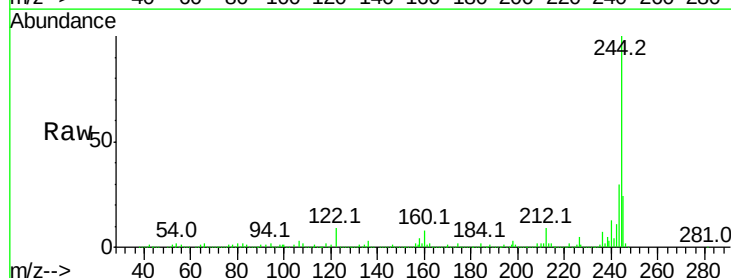
RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031480.D

Acq: 12 Dec 2017 7:35

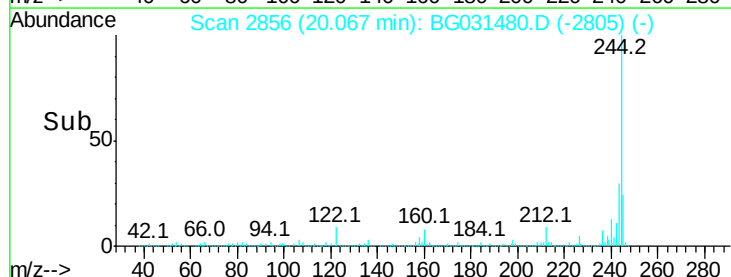
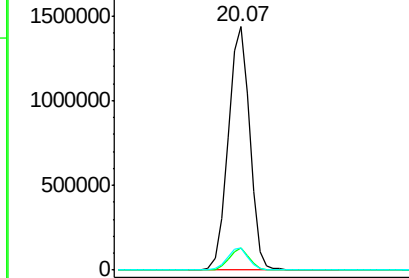
Tgt Ion:	244	Resp:	1970294
Ion Ratio	Lower	Upper	
244	100		
212	8.9	5.8	8.8#
122	9.2	7.0	10.4

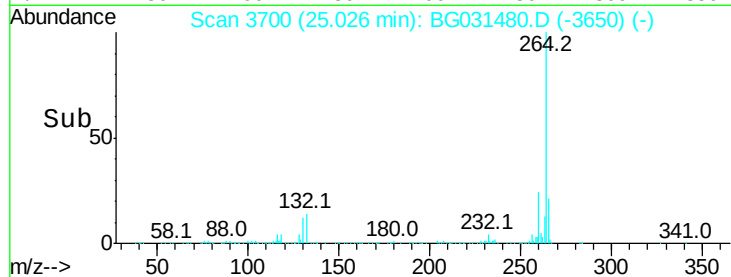
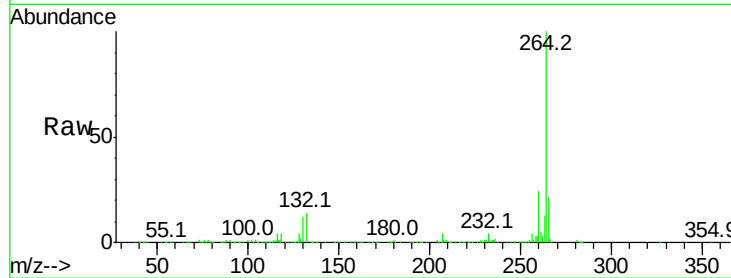
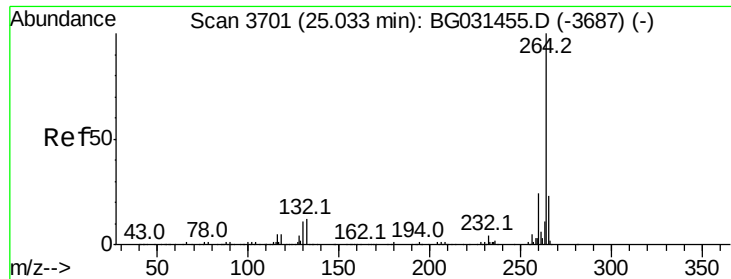


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG031480.D
Acq: 12 Dec 2017 7:35

Instrument :
BNA_G
ClientSampleId :
WQ-5

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.4	17.7	26.5

Manual Integrations
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