

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044347.D
 Acq On : 7 Feb 2020 21:33
 Operator : CG/JU
 Sample : L1440-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:26:16 AM

Quant Time: Feb 08 03:11:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1255	20.00	ng	0.00
21) Naphthalene-d8	10.28	136	113	20.00	ng	-0.44
39) Acenaphthene-d10	14.00	164	3152	20.00	ng	-0.55
64) Phenanthrene-d10	16.49	188	55	20.00	ng	-0.81
76) Chrysene-d12	20.71	240	137	20.00	ng	-0.84
87) Perylene-d12	0.00	264	0	0.00	ng	-24.64
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	210708	2963.08	ng	0.00
7) Phenol-d6	7.08	99	165182	1729.81	ng	0.00
23) Nitrobenzene-d5	9.07	82	462177	230909.77	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
10) Phenol	7.11	94	5460	57.775	ng	Qvalue 79
22) Acetophenone	8.73	105	35936m	13072.671	ng	
31) Naphthalene	10.57	128	501	91.383	ng	# 67
32) Benzoic acid	10.02	122	52214	39048.568	ng	93
74) Di-n-butylphthalate	18.26	149	6317m	2105.886	ng	
84) Bis(2-ethylhexyl)phthalate	21.44	149	4515m	818.136	ng	

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

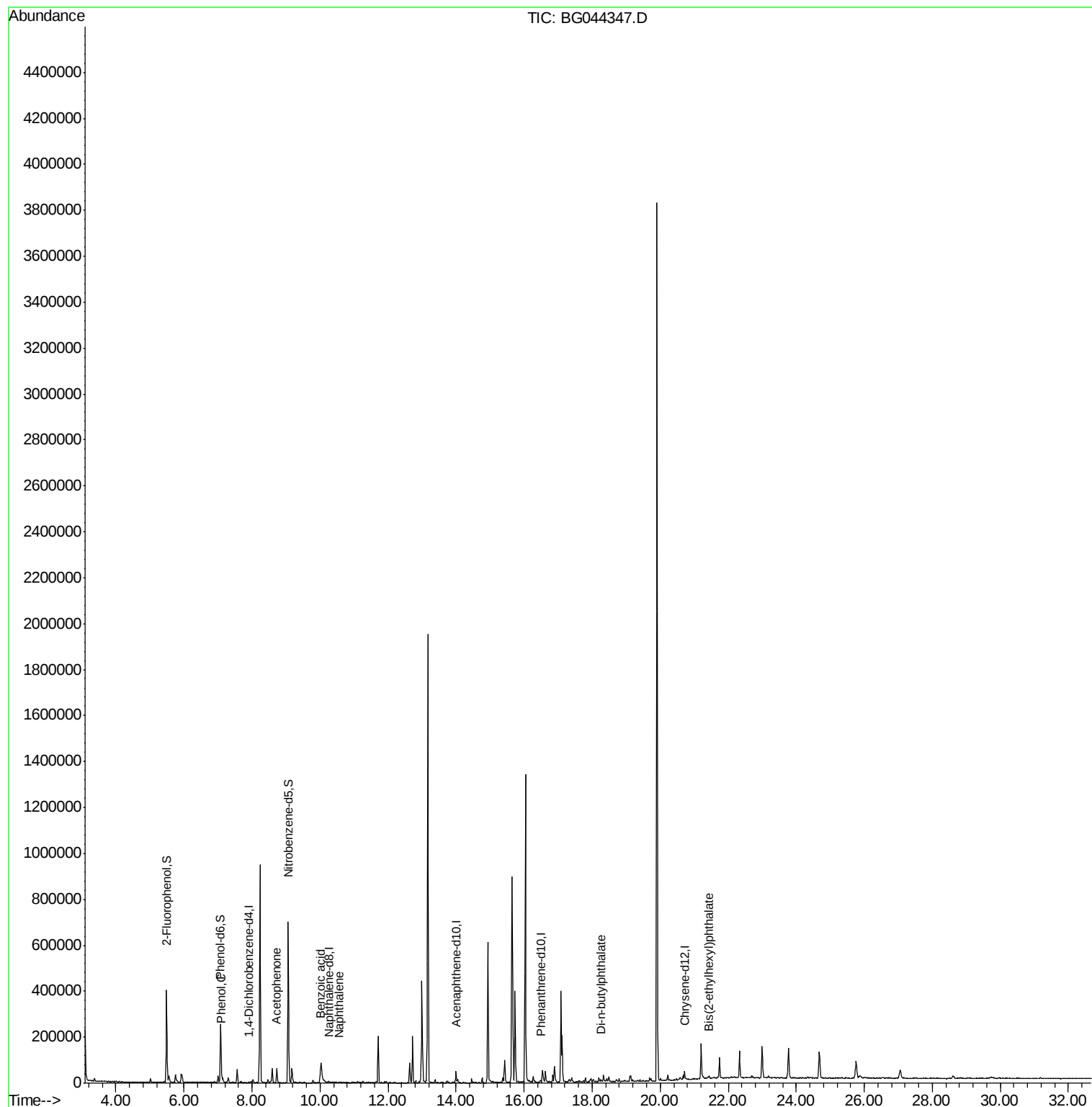
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
Data File : BG044347.D
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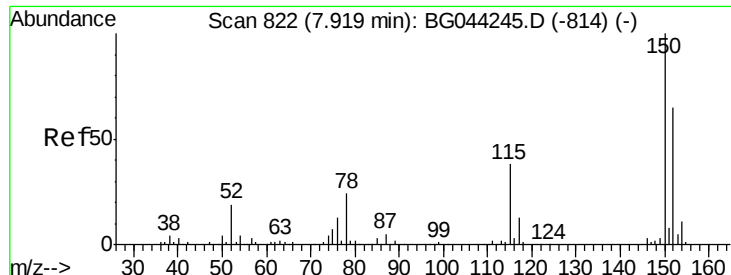
Instrument :
BNA_G
ClientSampleId :
TW-1

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Quant Time: Feb 08 03:11:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration





#1

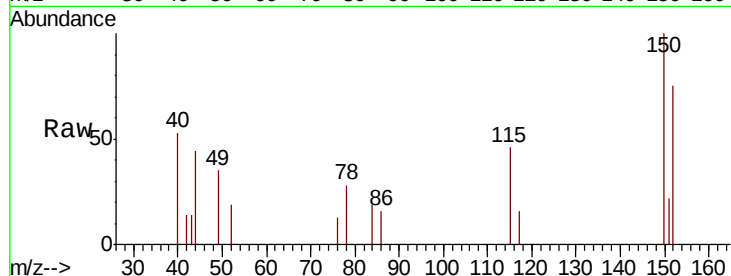
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044347.D
Acq: 7 Feb 2020 21:33

Instrument :
BNA_G
ClientSampled :
TW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	132.5	122.6	183.8
115	61.3	46.0	69.0

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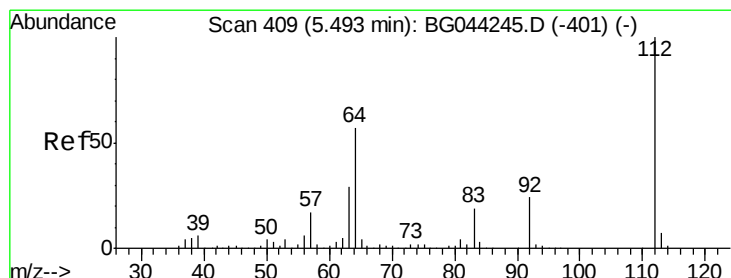
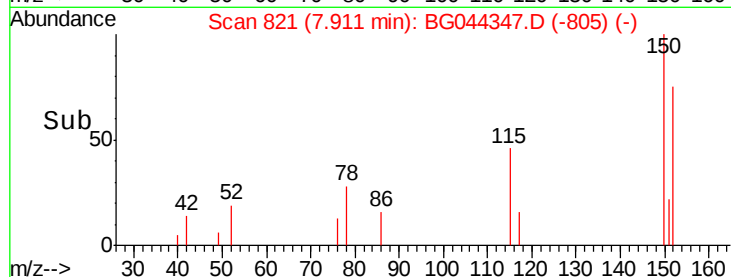
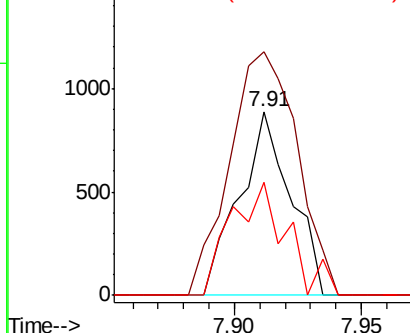


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

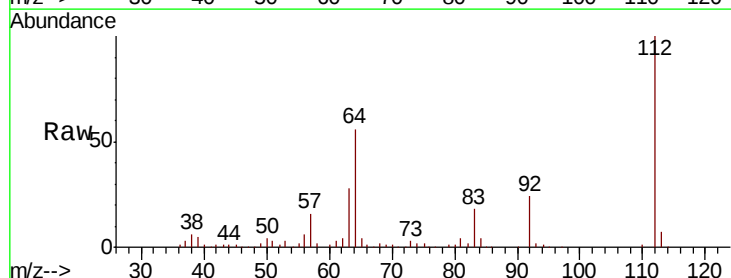
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 2963.079 ng
RT: 5.49 min Scan# 409
Delta R.T. -0.00 min
Lab File: BG044347.D
Acq: 7 Feb 2020 21:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.4	68.2
63	27.8	22.9	34.3

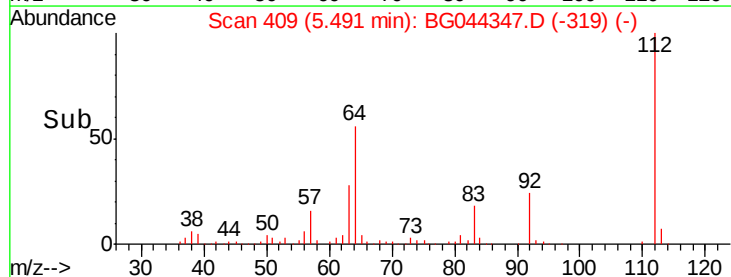
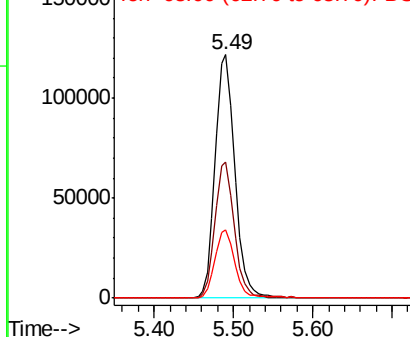


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 1729.806 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG044347.D

Acq: 7 Feb 2020 21:33

Instrument :

BNA_G

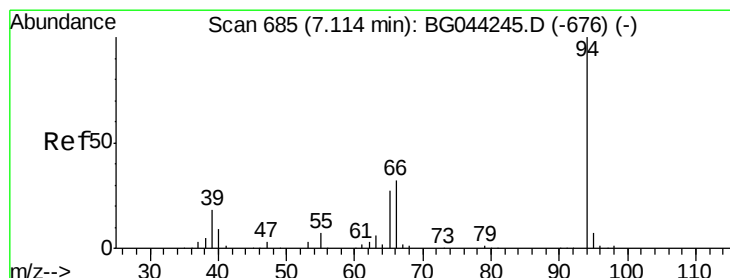
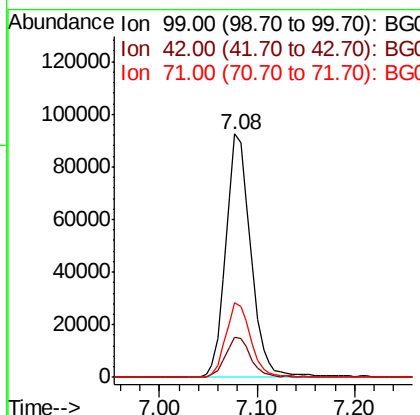
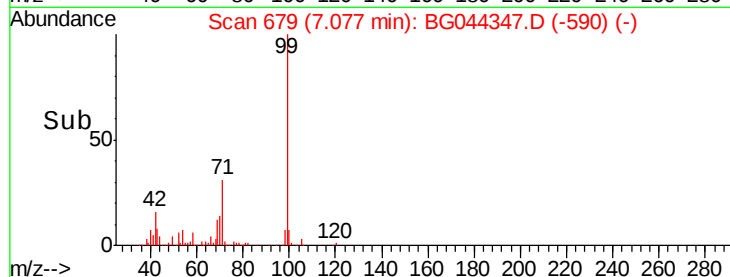
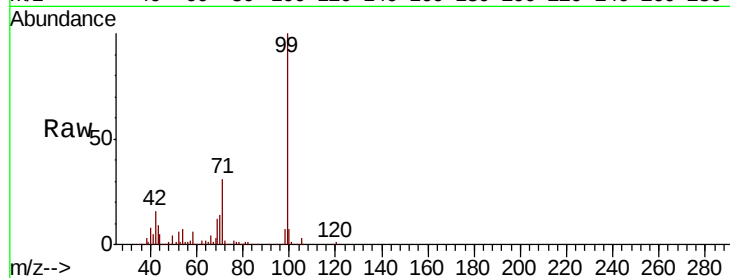
ClientSampleId :

TW-1

Tot Ion:	99	Resp:	165182
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.8	20.6
71	30.8	25.5	38.3

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#10

Phenol

Concen: 57.775 ng

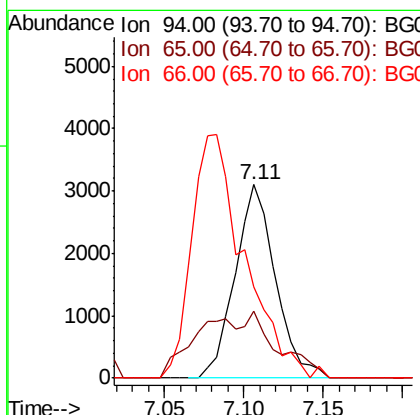
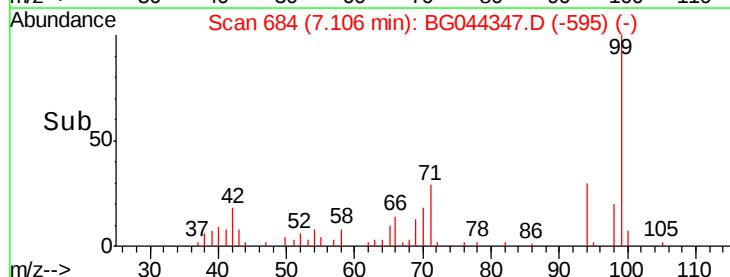
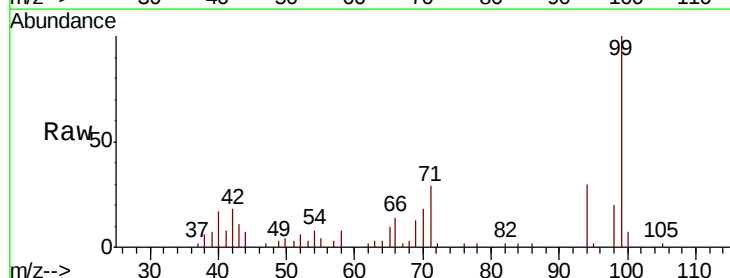
RT: 7.11 min Scan# 684

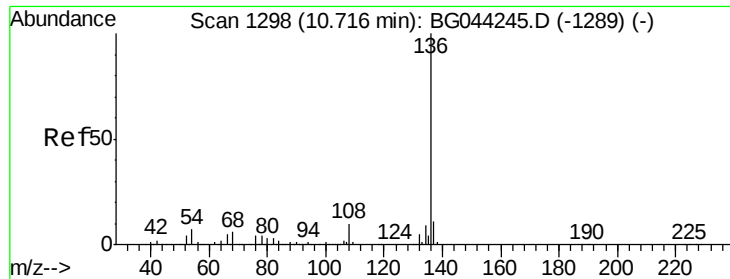
Delta R.T. -0.01 min

Lab File: BG044347.D

Acq: 7 Feb 2020 21:33

Tgt Ion:	94	Resp:	5460
Ion Ratio	Lower	Upper	
94	100		
65	34.7	7.0	47.0
66	47.2	12.7	52.7





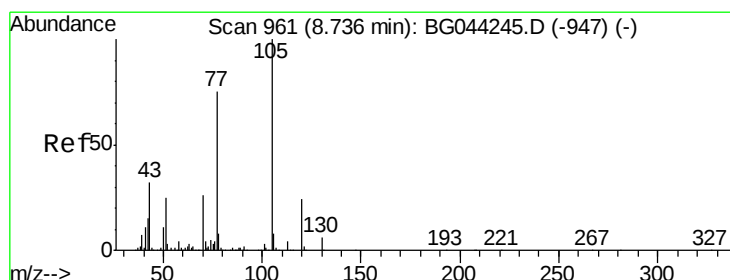
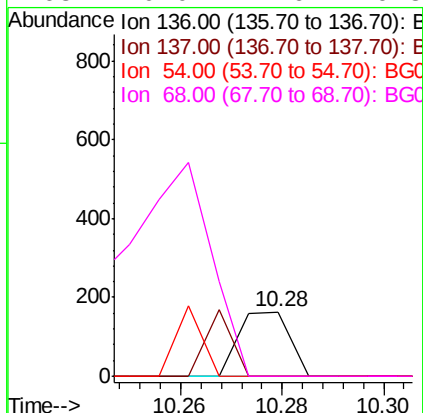
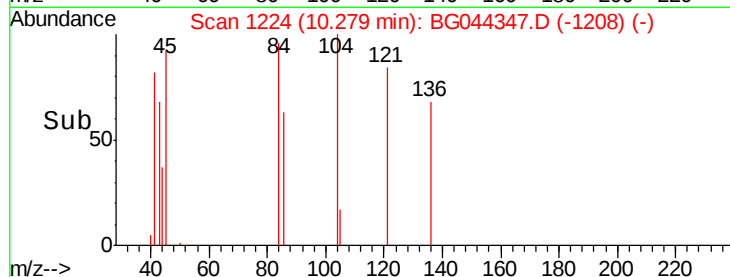
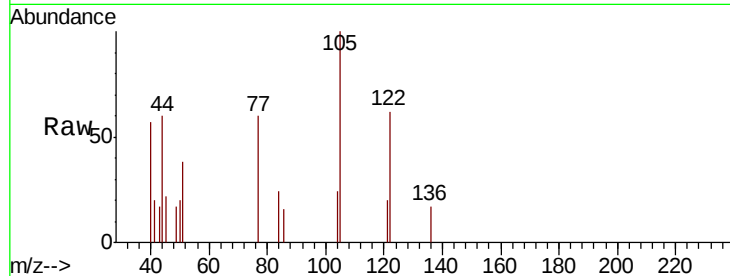
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.44 min
Lab File: BG044347.D
Acq: 7 Feb 2020 21:33

Instrument :
BNA_G
ClientSampled :
TW-1

Tot Ion	Ratio	Lower	Upper
136	100		
137	0.0	8.8	13.2#
54	0.0	5.8	8.8#
68	0.0	4.6	6.8#

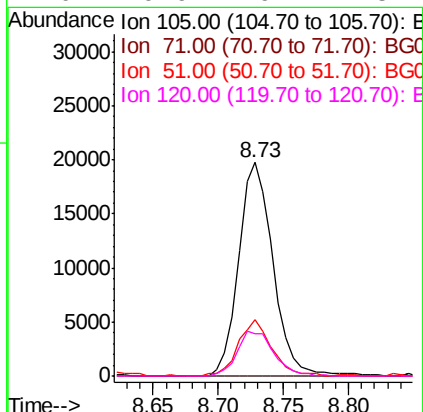
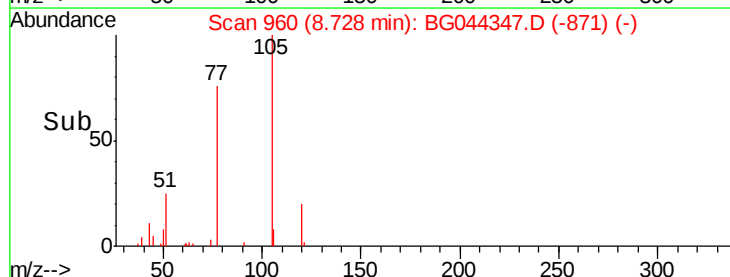
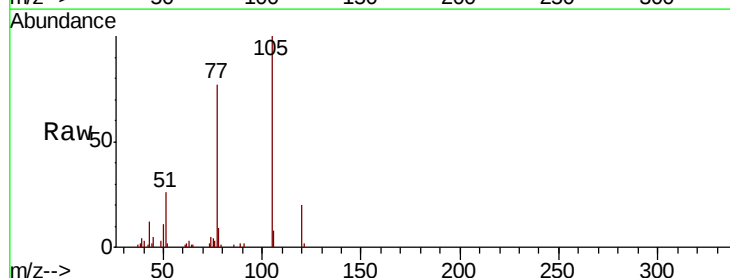
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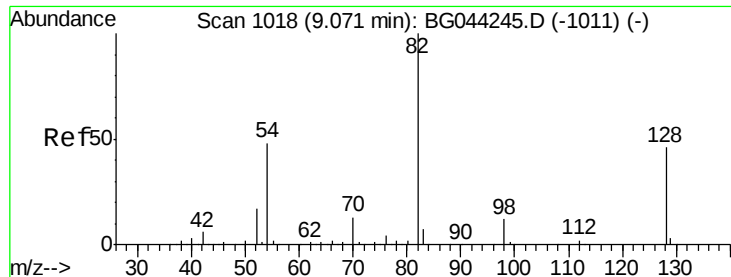
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#22
Acetophenone
Concen: 13072.671 ng m
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG044347.D
Acq: 7 Feb 2020 21:33

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.4	5.0#
51	26.1	20.2	30.4
120	19.9	19.1	28.7





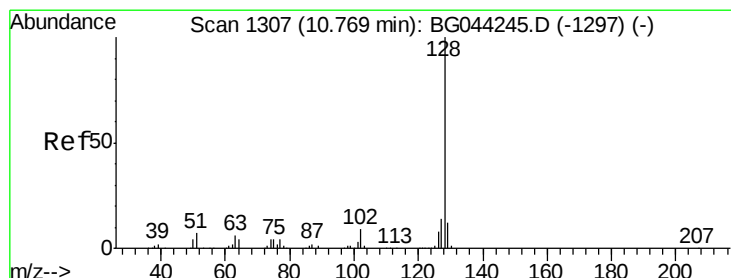
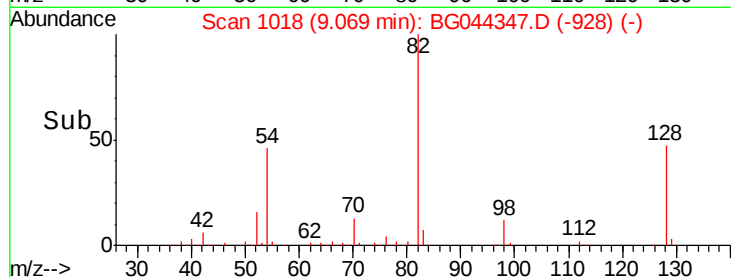
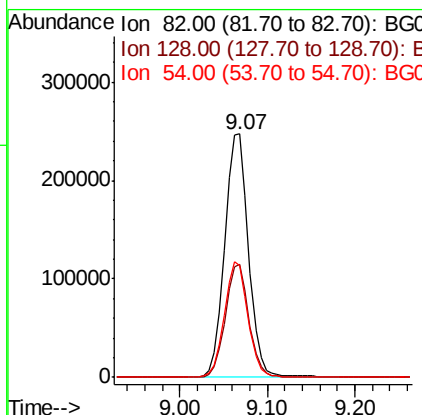
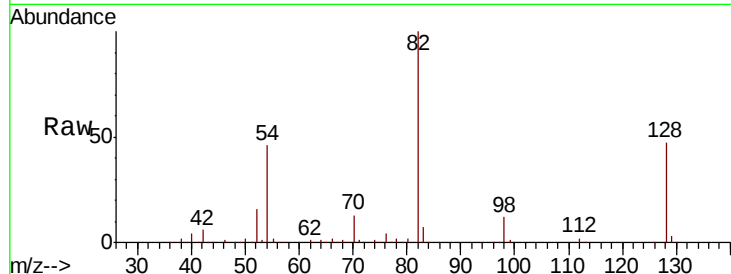
#23
Nitrobenzene-d5
Concen: 230909.766 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044347.D
Acq: 7 Feb 2020 21:33

Instrument :
BNA_G
ClientSampleId :
TW-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	45.7	38.6	58.0

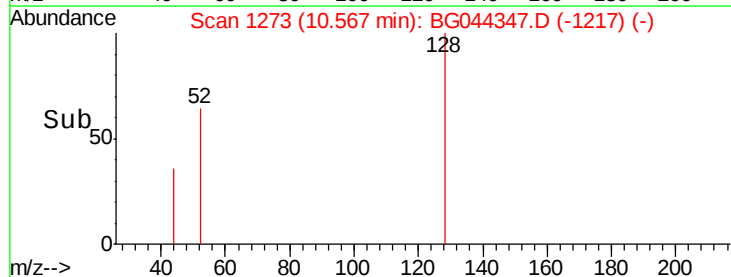
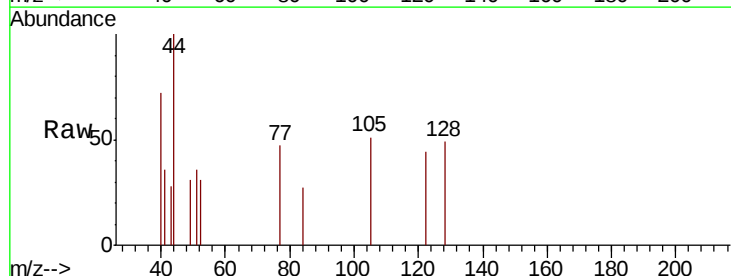
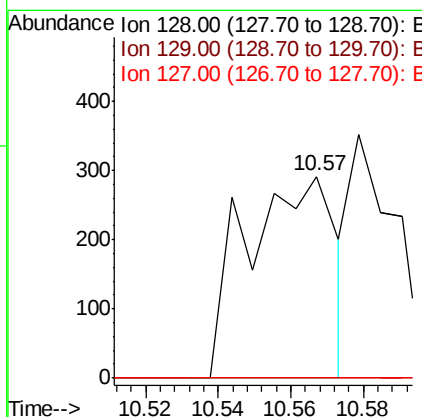
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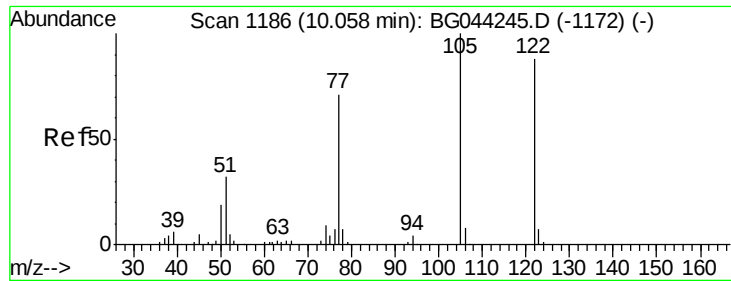
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#31
Naphthalene
Concen: 91.383 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.20 min
Lab File: BG044347.D
Acq: 7 Feb 2020 21:33

Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.3	13.9#
127	0.0	11.6	17.4#





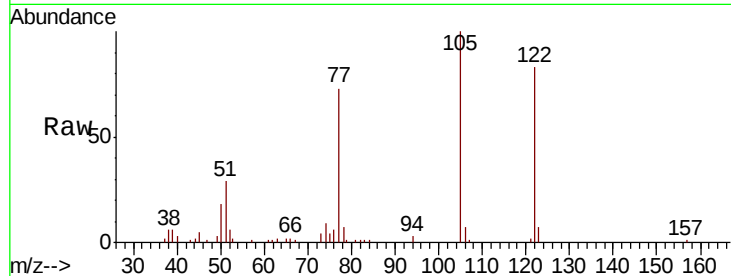
#32
Benzoic acid
Concen: 39048.568 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BG044347.D
Acq: 7 Feb 2020 21:33

Instrument :
BNA_G
ClientSampled :
TW-1

Tot Ion	Ratio	Lower	Upper
122	100		
105	120.4	93.5	133.5
77	87.8	61.0	101.0

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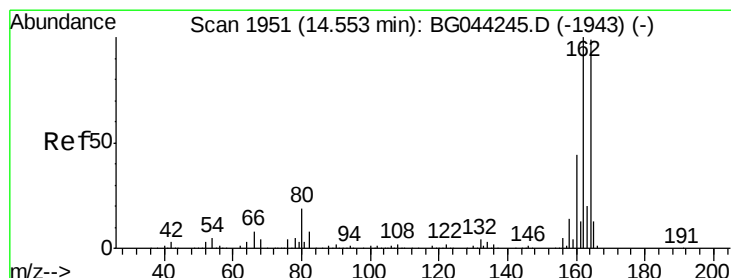
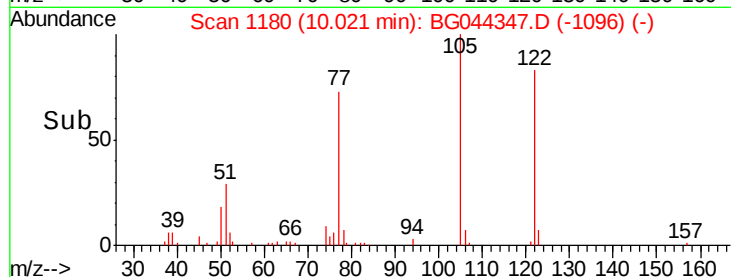
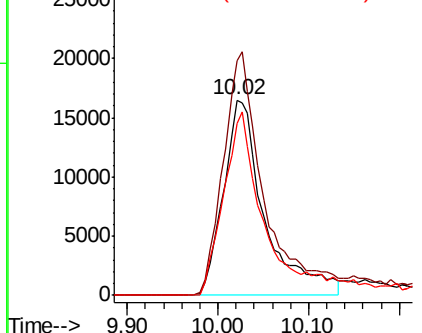


Abundance

Ion 122.00 (121.70 to 122.70): E

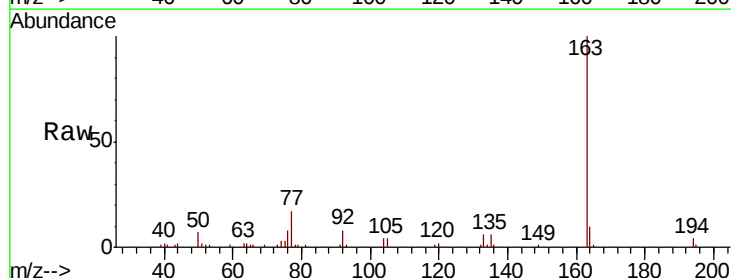
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.00 min Scan# 1857
Delta R.T. -0.55 min
Lab File: BG044347.D
Acq: 7 Feb 2020 21:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	0.0	80.7	121.1#
160	0.0	35.3	52.9#

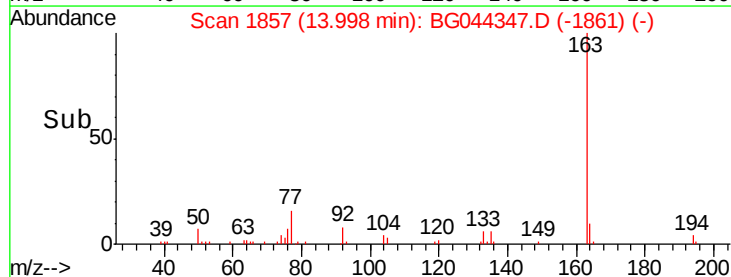
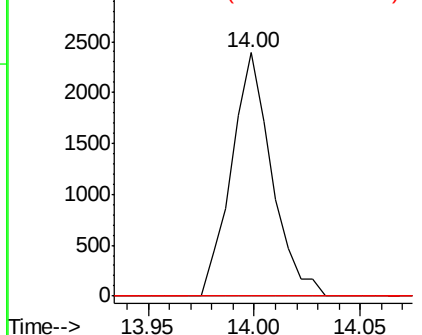


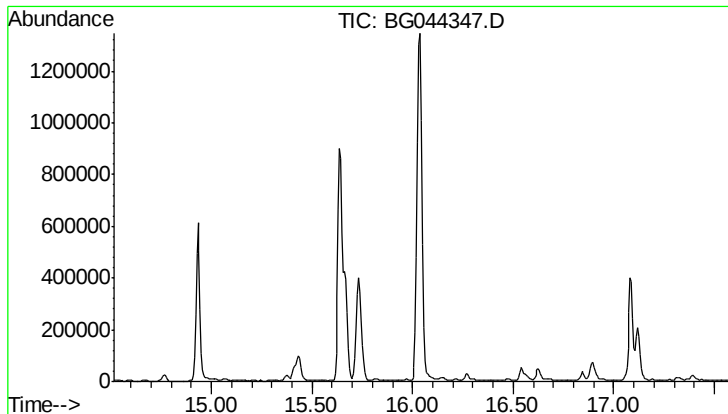
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.05 min

Lab File: BG044347.D

Acq: 7 Feb 2020 21:33

Tot Ion: 330

Sig Exp Ratio

330 100

332 96.5

141 35.4

Instrument :

BNA_G

ClientSampleId :

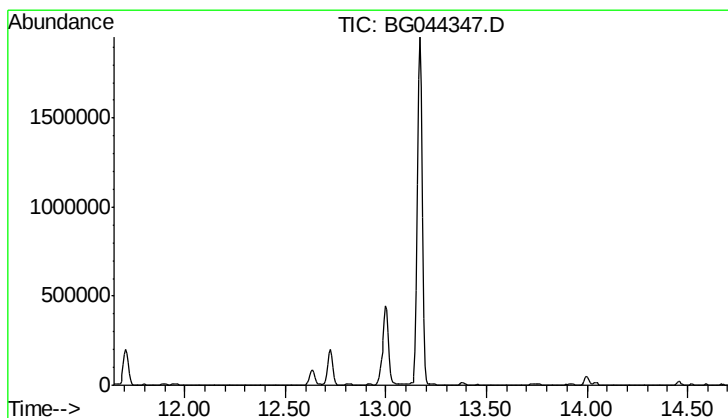
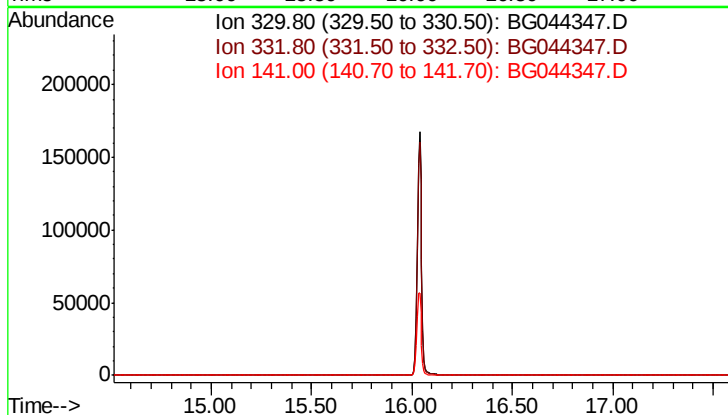
TW-1

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#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 13.18 min

Lab File: BG044347.D

Acq: 7 Feb 2020 21:33

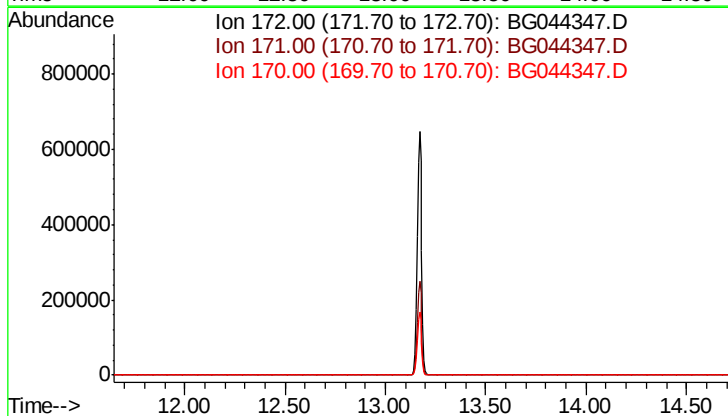
Tgt Ion: 172

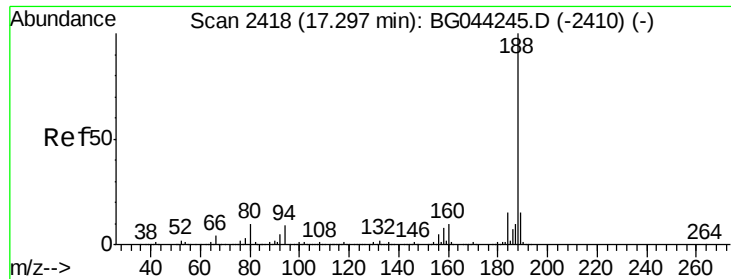
Sig Exp Ratio

172 100

171 41.1

170 27.5





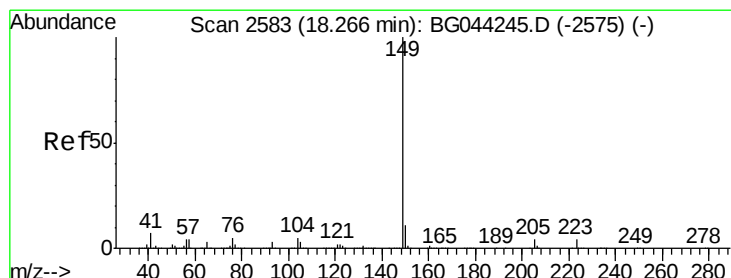
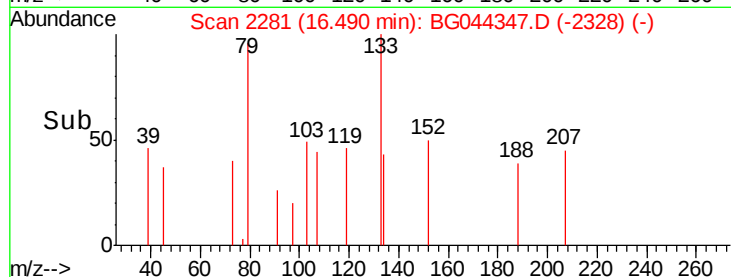
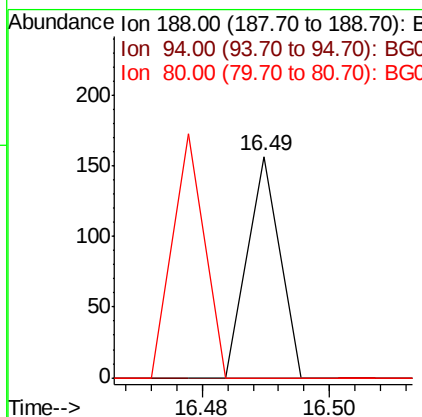
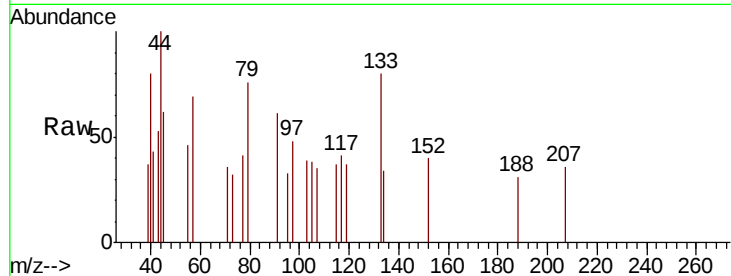
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.81 min
Lab File: BG044347.D
Acq: 7 Feb 2020 21:33

Instrument :
BNA_G
ClientSampled :
TW-1

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	7.4	11.2#
80	0.0	7.7	11.5#

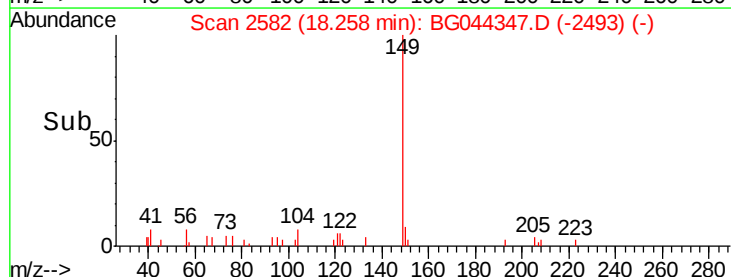
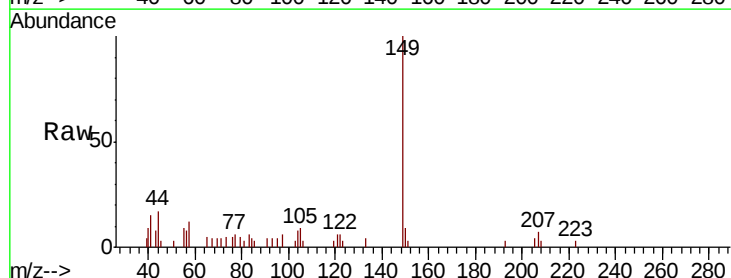
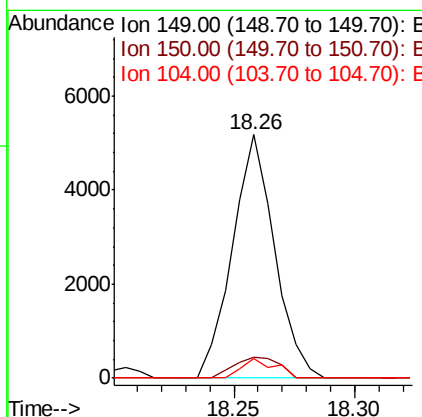
Manual Integrations
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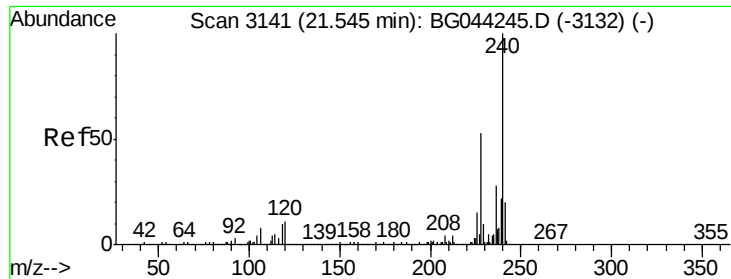
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#74
Di-n-butylphthalate
Concen: 2105.886 ng m
RT: 18.26 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BG044347.D
Acq: 7 Feb 2020 21:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	8.7	13.1
104	8.2	4.3	6.5#





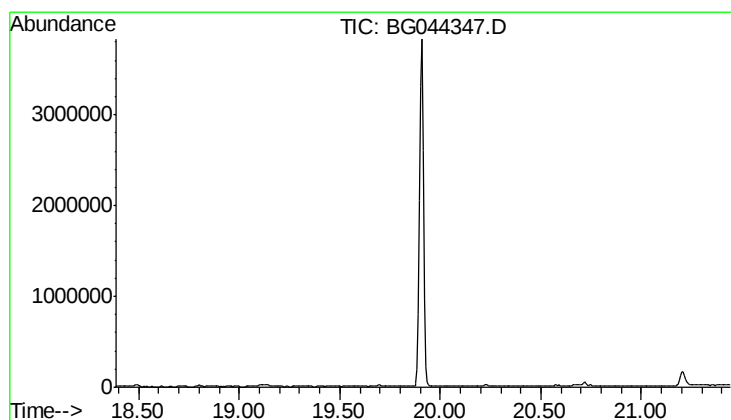
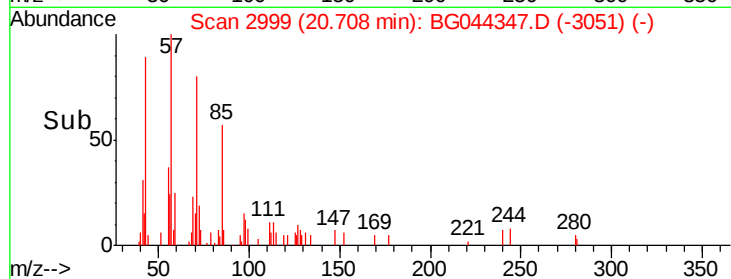
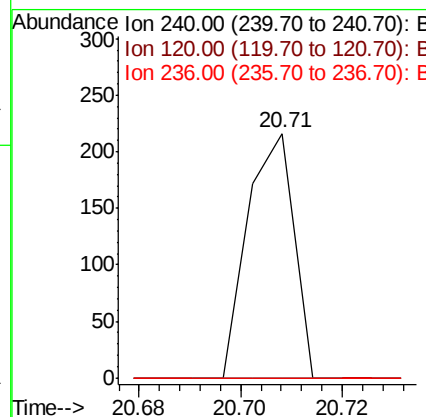
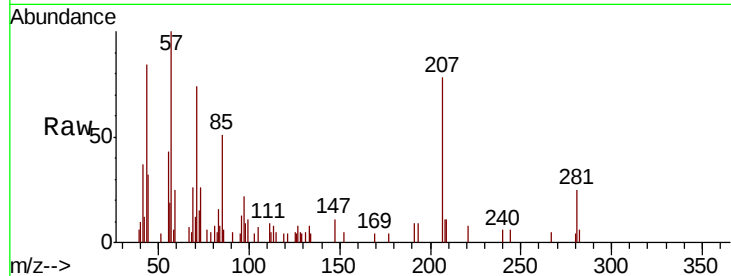
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 20.71 min Scan# 2999
 Delta R.T. -0.84 min
 Lab File: BG044347.D
 Acq: 7 Feb 2020 21:33

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	0.0	8.4	12.6#
236	0.0	22.1	33.1#

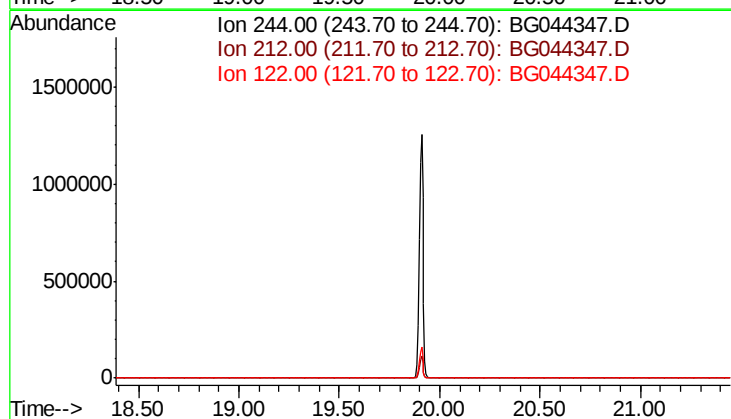
Manual Integrations
 APPROVED

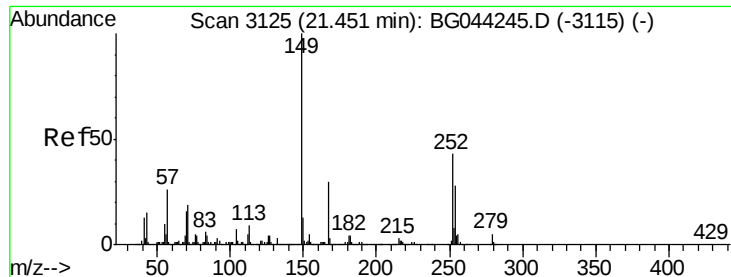
mohammad
 2/11/2020 8:26:16 AM



#79
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 19.92 min
 Lab File: BG044347.D
 Acq: 7 Feb 2020 21:33

Tgt Ion	Exp Ratio
244	100
212	9.3
122	12.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 818.136 ng/mL

RT: 21.44 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG044347.D

Acq: 7 Feb 2020 21:33

Instrument :

BNA_G

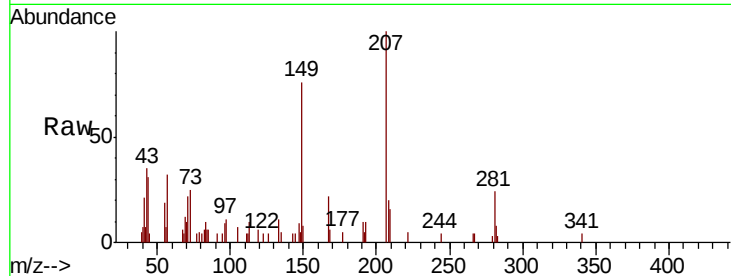
ClientSampled :

TW-1

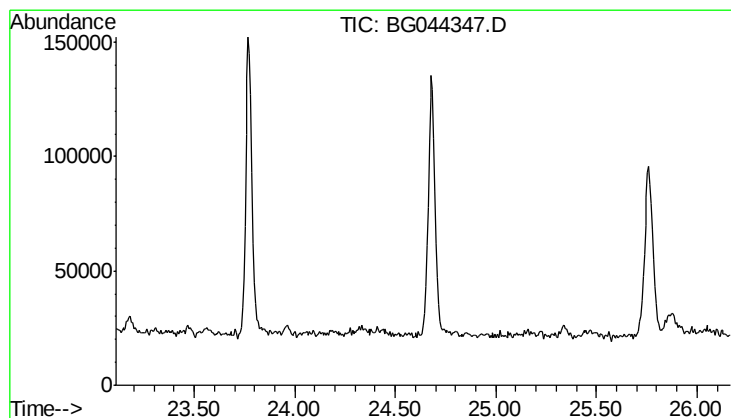
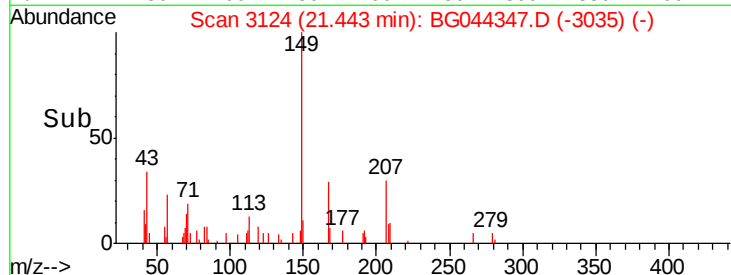
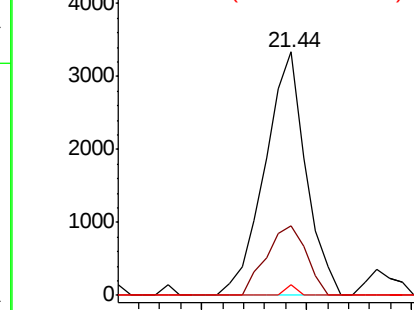
Tot Ion:	149	Resp:	4515
Ion Ratio	Lower	Upper	
149	100		
167	28.8	24.0	36.0
279	4.5	3.8	5.8

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:16 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 0.000 ng

Expected RT: 24.64 min

Lab File: BG044347.D

Acq: 7 Feb 2020 21:33

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.3

265 20.9

