

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041871.D
 Acq On : 1 Aug 2019 20:04
 Operator : HP/JU
 Sample : K4066-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-13

Manual Integrations
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 8/5/2019 1:47:28 PM

Quant Time: Aug 02 03:38:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	80929	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	301851	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	207166	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	476975	20.00	ng	0.00
76) Chrysene-d12	21.73	240	638570	20.00	ng	0.00
87) Perylene-d12	25.00	264	767200	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	183869	44.20	ng	0.00
7) Phenol-d6	7.19	99	157084	28.01	ng	0.00
23) Nitrobenzene-d5	9.21	82	358800	81.80	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	236584	100.54	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	957344	81.50	ng	-0.01
79) Terphenyl-d14	20.06	244	1832356	65.66	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.14	163	129252	9.135	ng	99
52) Acenaphthene	14.76	154	32116	2.911	ng	99
71) Phenanthrene	17.49	178	63049m	2.758	ng	
74) Di-n-butylphthalate	18.41	149	251454	10.838	ng	# 95
84) Bis(2-ethylhexyl)phthalate	21.63	149	171021	8.547	ng	99

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

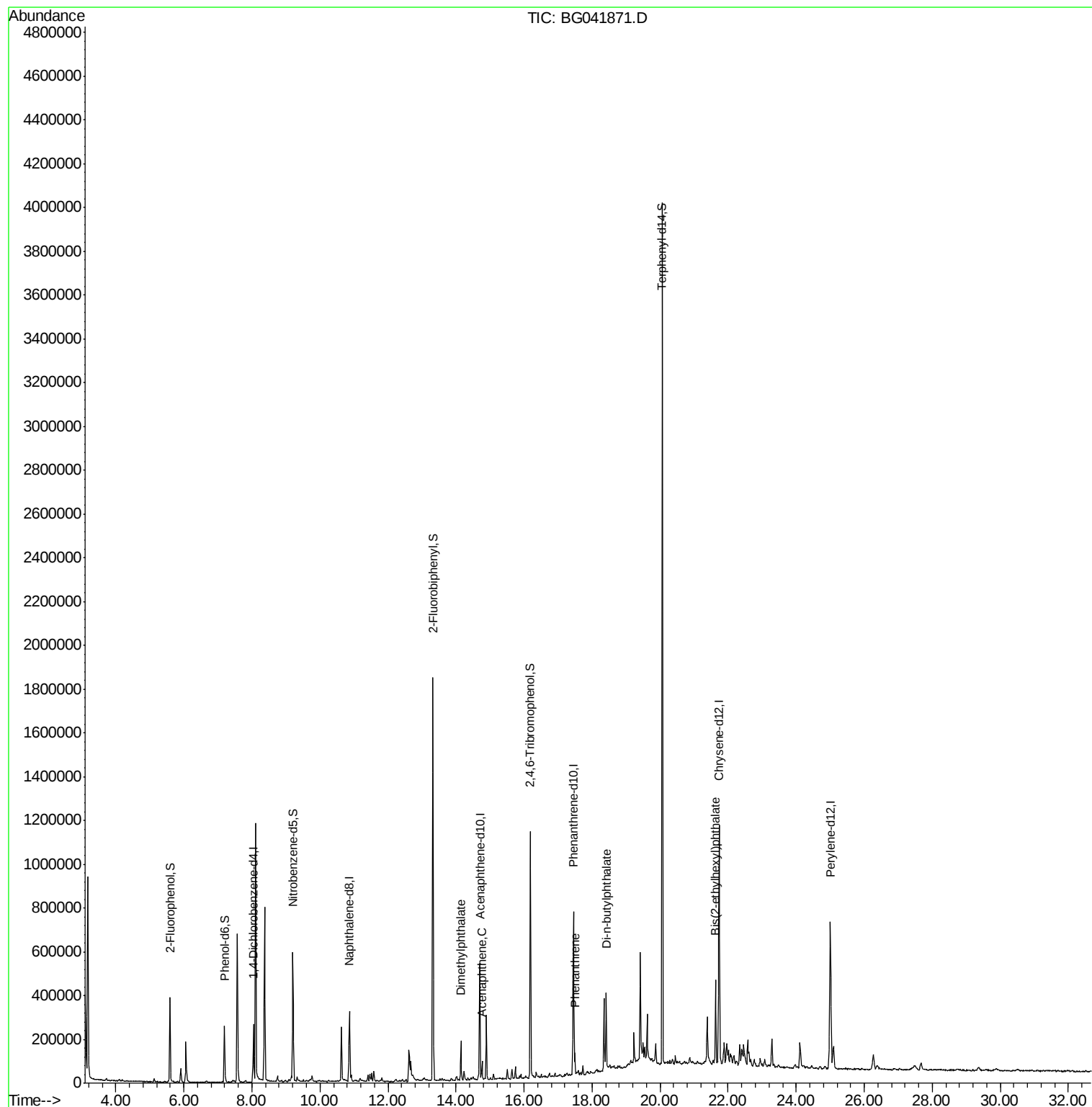
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
Data File : BG041871.D
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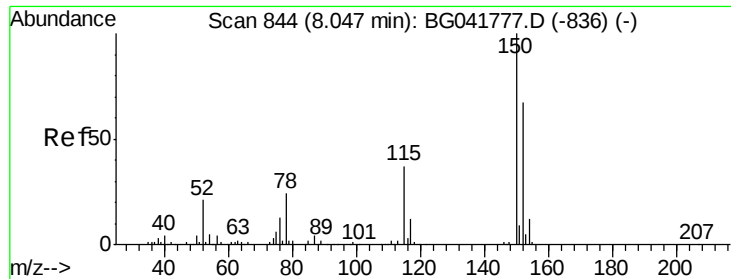
Instrument :
BNA_G
ClientSampleId :
TP-13

Quant Time: Aug 02 03:38:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

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#1

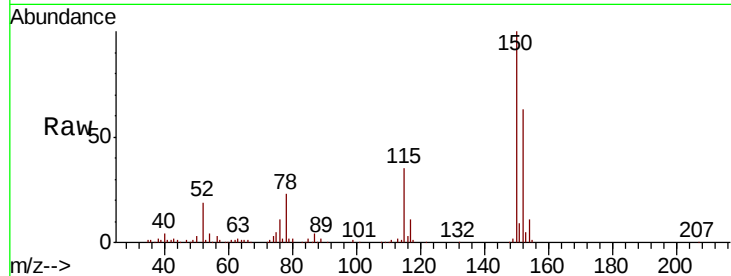
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_G
ClientSampled :
TP-13

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.9	190.3
115	55.4	45.0	67.6

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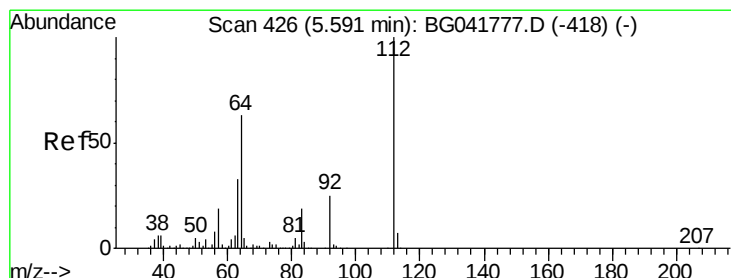
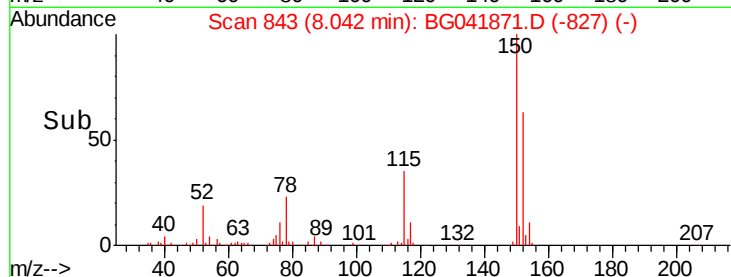
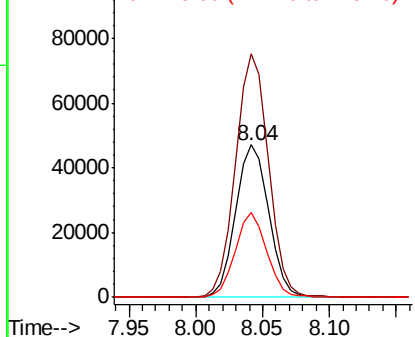


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

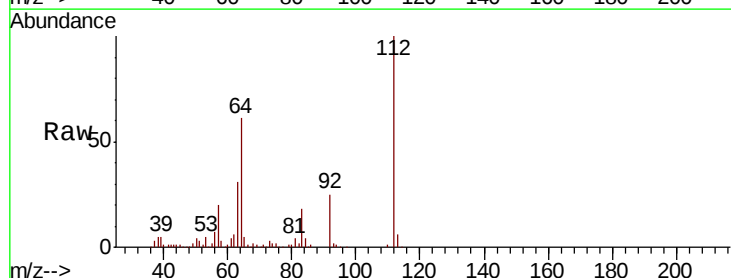
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.204 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	55.4	83.2
63	30.9	29.1	43.7

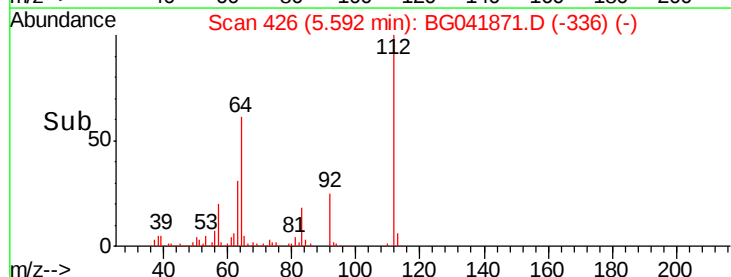
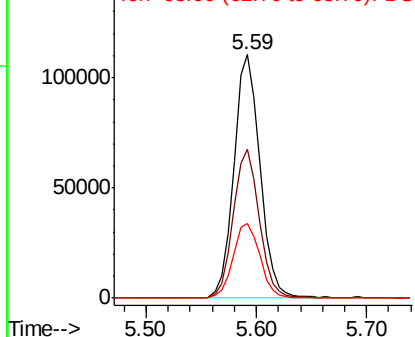


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 28.012 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

Instrument :

BNA_G

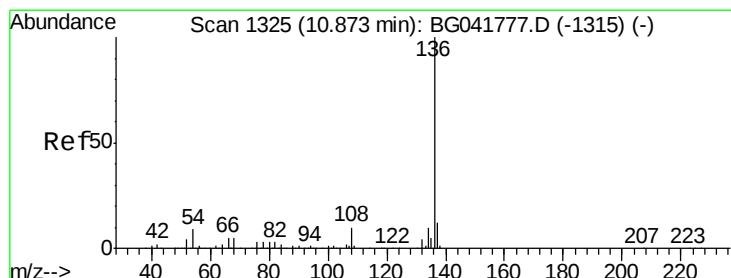
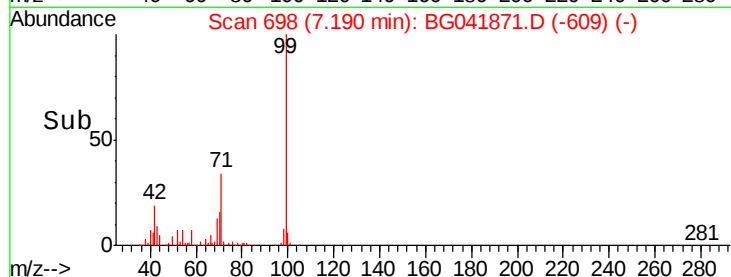
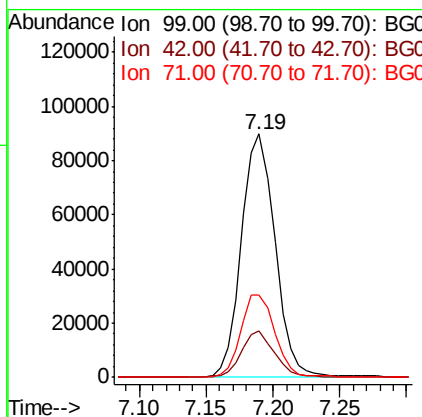
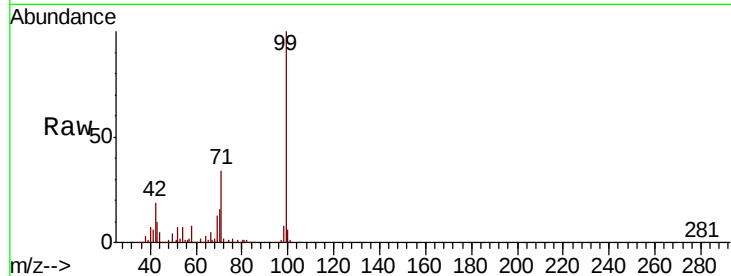
ClientSampleId :

TP-13

Tot Ion:	99	Resp:	157084
Ion Ratio	Lower	Upper	
99	100		
42	19.1	17.6	26.4
71	33.9	27.8	41.6

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#21

Naphthalene-d8

Concen: 20.000 ng

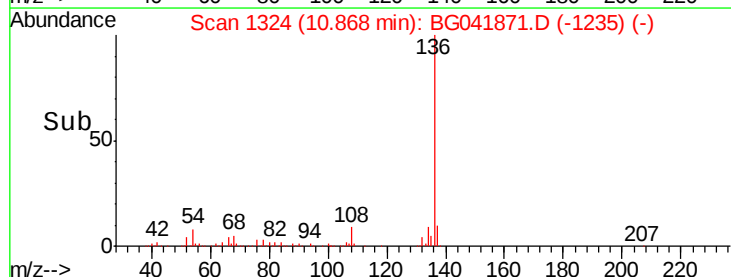
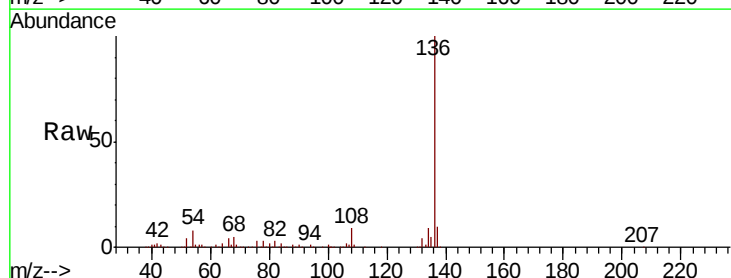
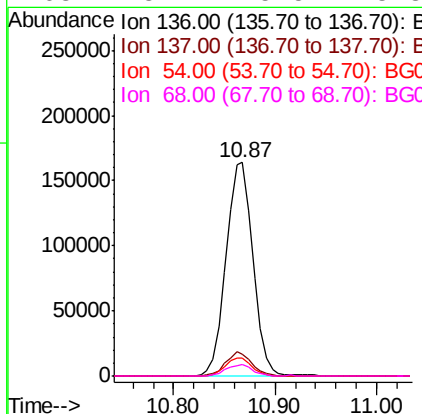
RT: 10.87 min Scan# 1324

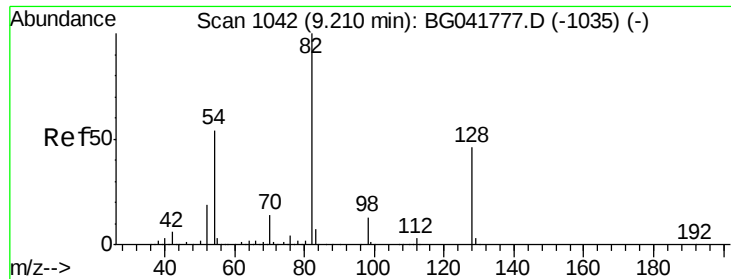
Delta R.T. -0.00 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

Tgt Ion:	136	Resp:	301851
Ion Ratio	Lower	Upper	
136	100		
137	10.1	9.2	13.8
54	8.5	8.7	13.1#
68	5.2	5.5	8.3#





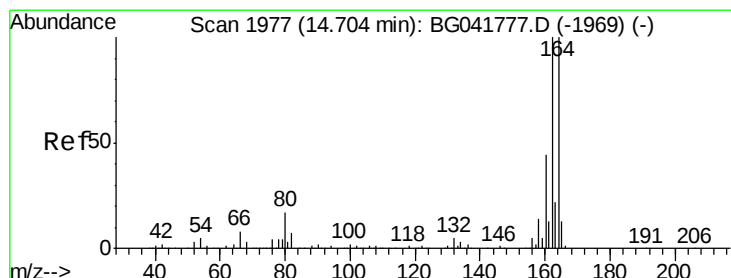
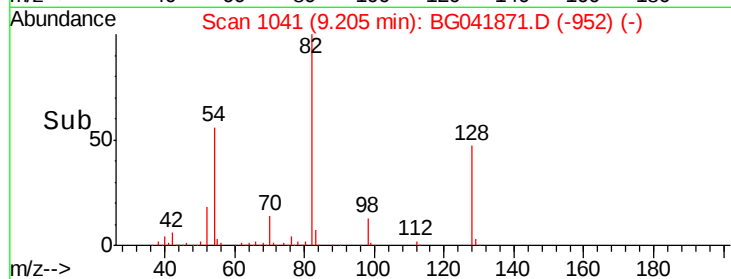
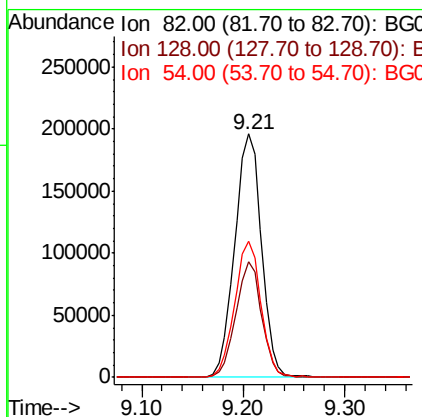
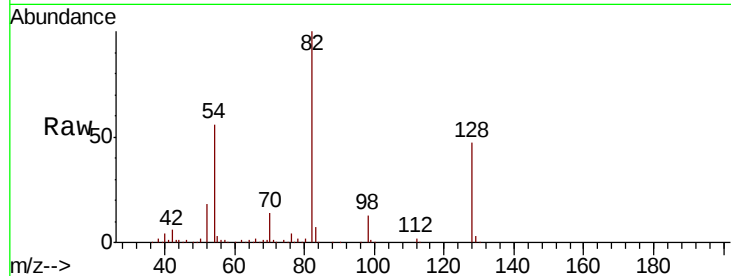
#23
Nitrobenzene-d5
Concen: 81.799 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_G
ClientSampled :
TP-13

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.1	52.7
54	55.7	48.7	73.1

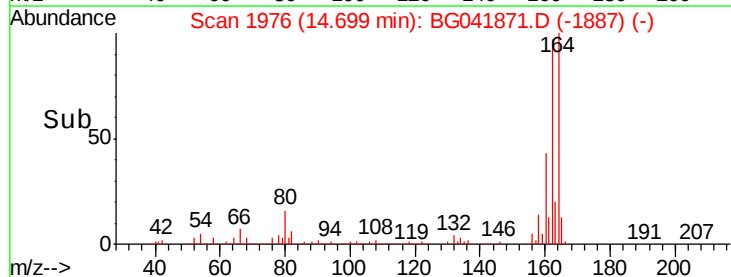
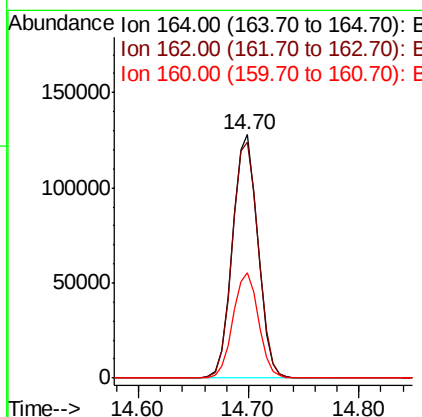
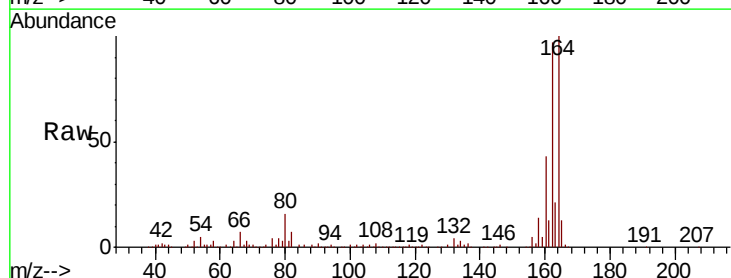
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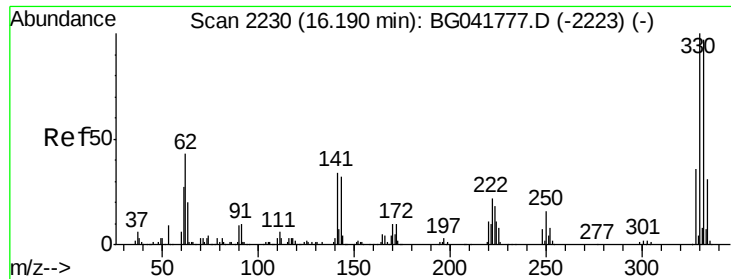
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.7	79.6	119.4
160	43.4	35.4	53.0





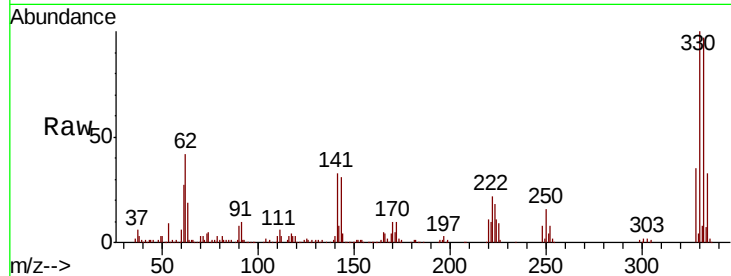
#42
 2,4,6-Tribromophenol
 Concen: 100.540 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG041871.D
 Acq: 1 Aug 2019 20:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-13

Tot Ion	Ratio	Resp	Lower	Upper
330	100	236584		
332	95.5	77.4	116.0	
141	31.2	31.9	47.9	

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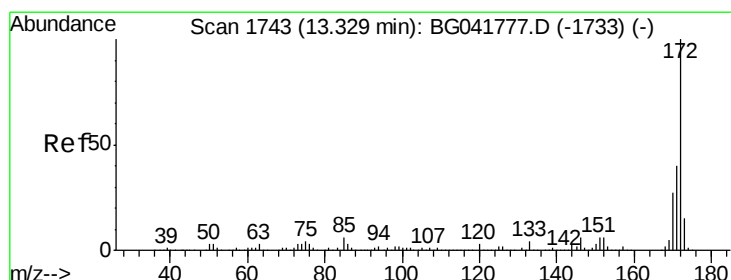
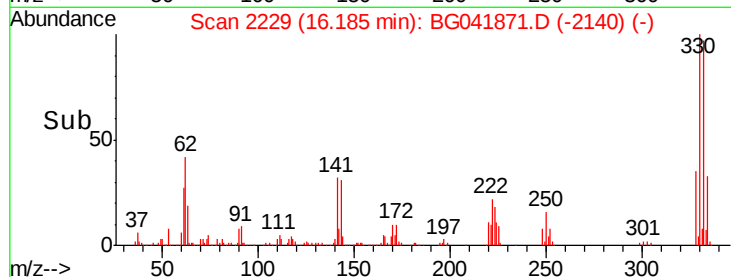
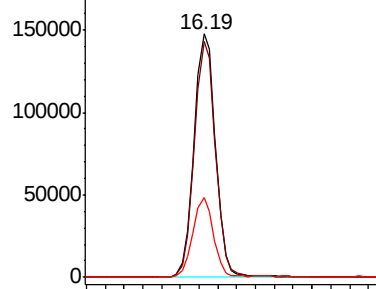


Abundance

Ion 329.80 (329.50 to 330.50): E

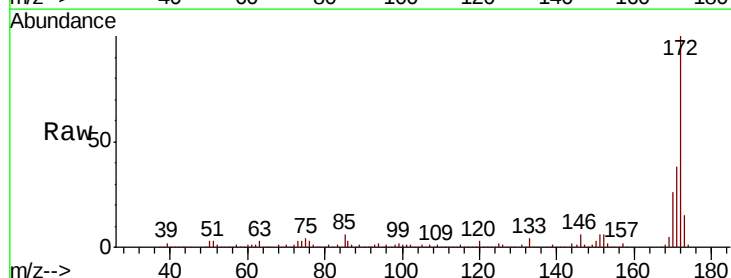
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.504 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041871.D
 Acq: 1 Aug 2019 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	957344		
171	38.3	35.0	52.4	
170	25.9	23.5	35.3	

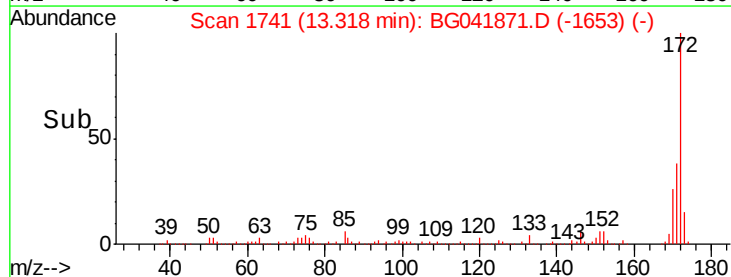
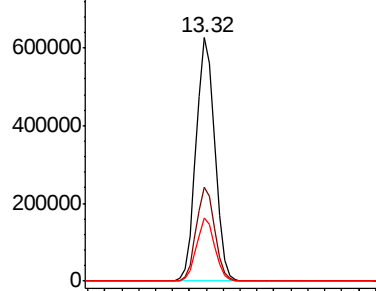


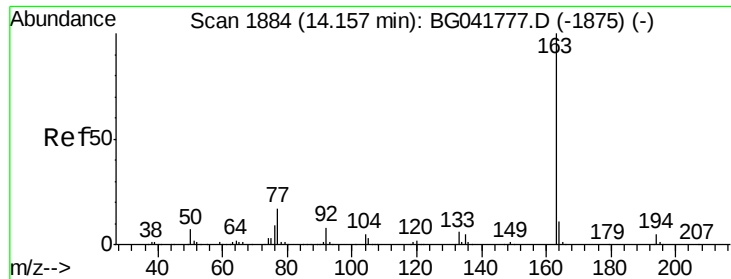
Abundance

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





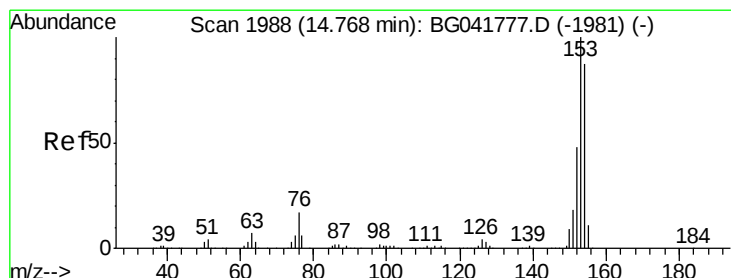
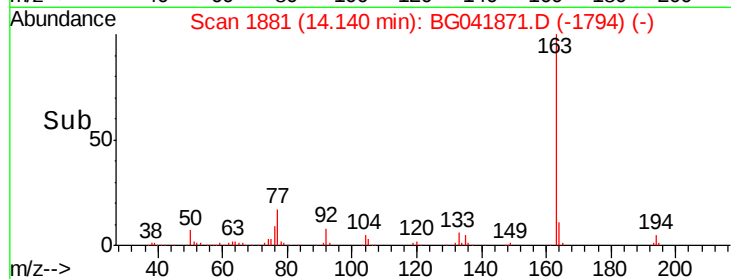
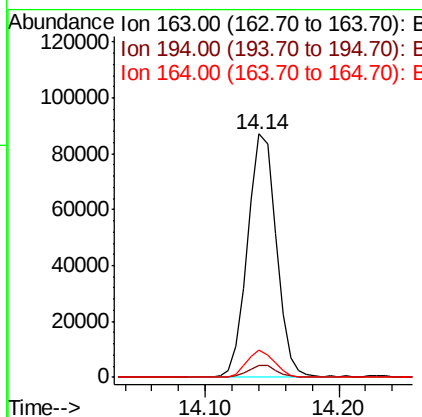
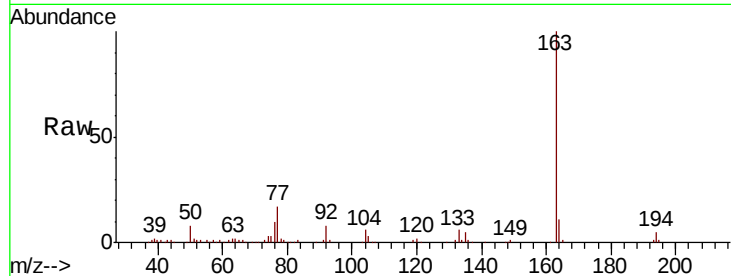
#50
Dimethylphthalate
Concen: 9.135 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_G
ClientSampleId :
TP-13

Tot Ion	Ratio	Resp	Lower	Upper
163	100	129252		
194	4.9		4.2	6.2
164	11.2		9.4	14.2

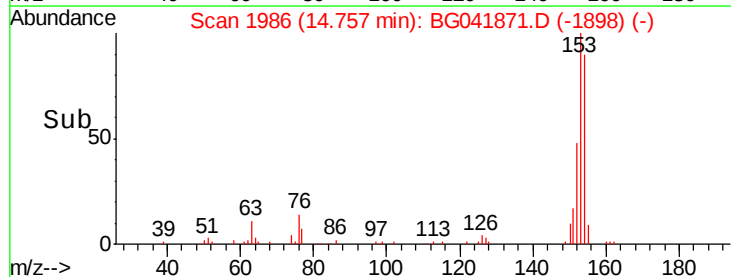
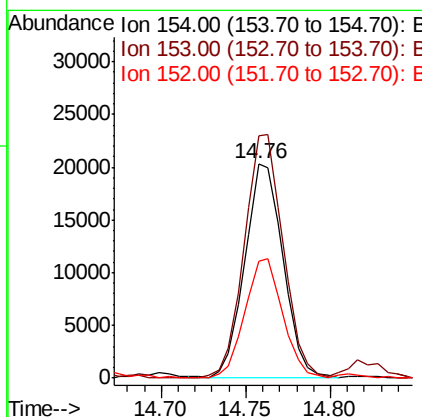
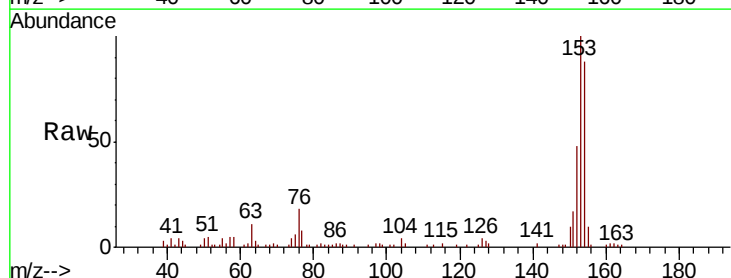
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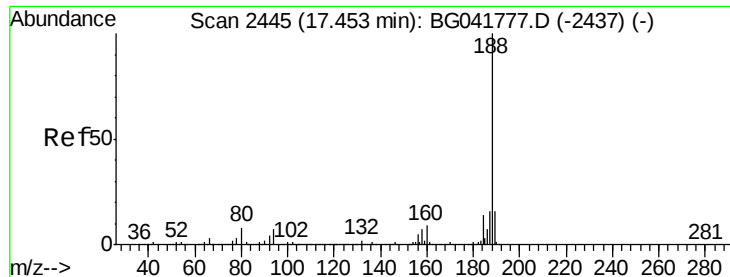
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#52
Acenaphthene
Concen: 2.911 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	32116		
153	113.1		89.8	134.6
152	54.7		44.9	67.3





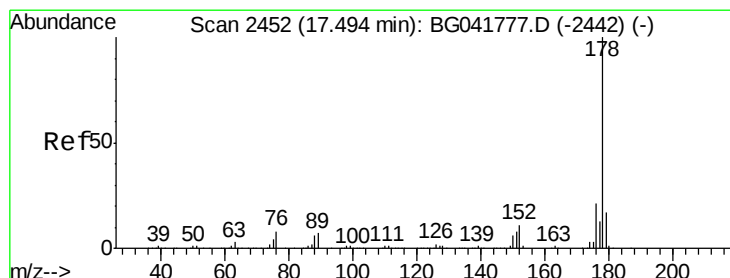
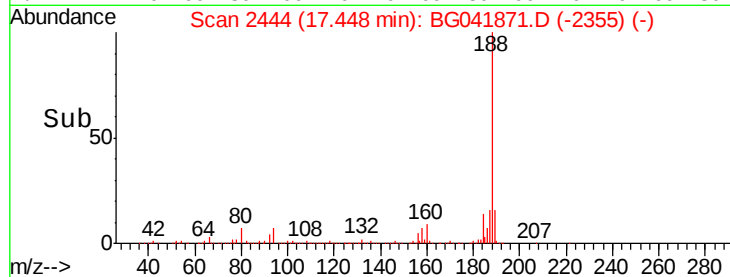
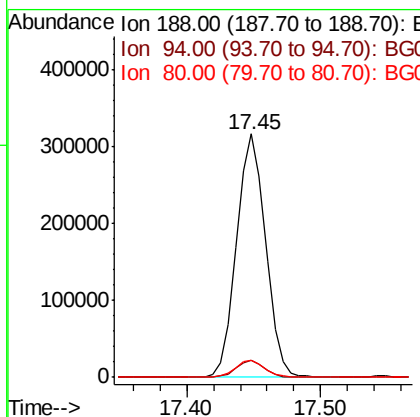
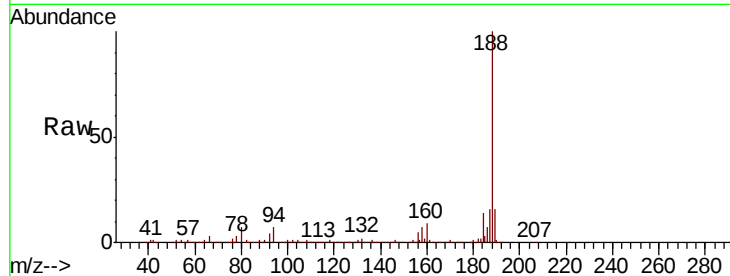
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_G
ClientSampleId :
TP-13

Tot Ion	Ratio	Resp	Lower	Upper
188	100	476975		
94	7.0	6.9	10.3	
80	7.2	8.0	12.0	

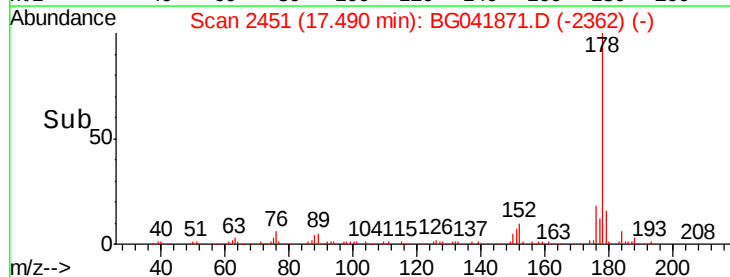
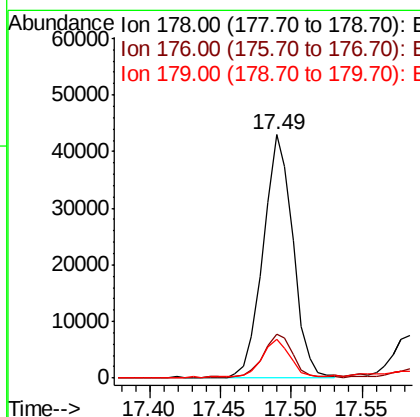
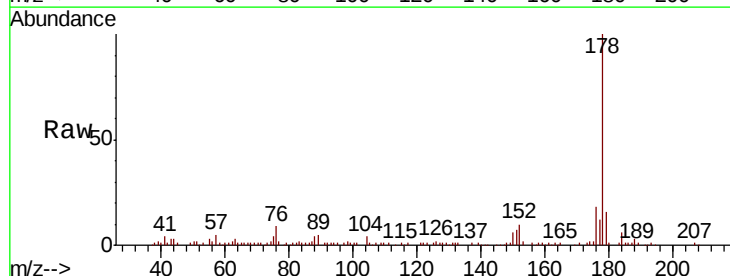
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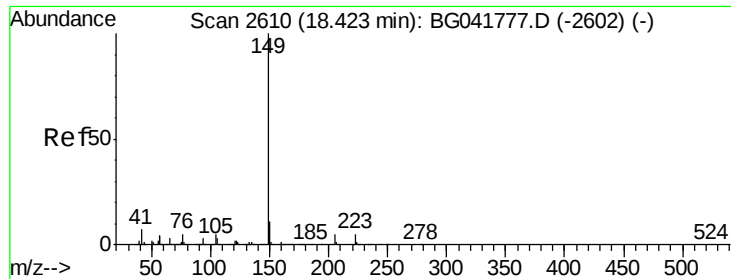
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#71
Phenanthrene
Concen: 2.758 ng m
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	63049		
176	18.3	18.6	28.0	
179	16.0	15.4	23.0	





#74

Di-n-butylphthalate

Concen: 10.838 ng

RT: 18.41 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

Instrument :

BNA_G

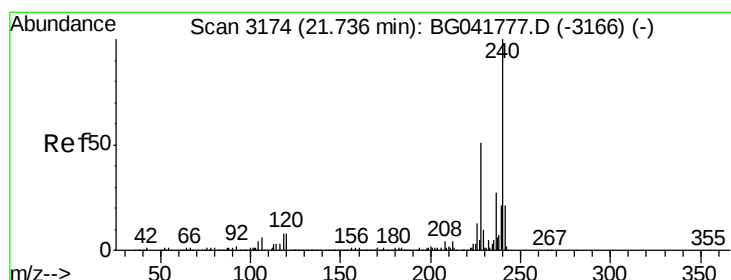
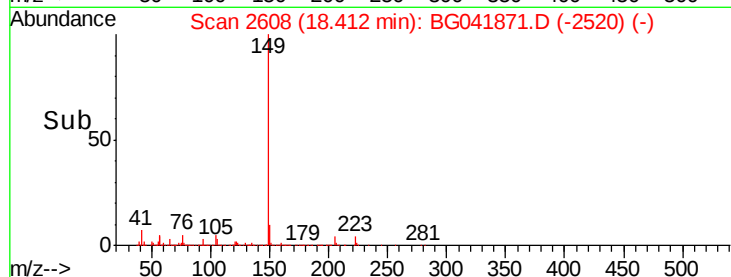
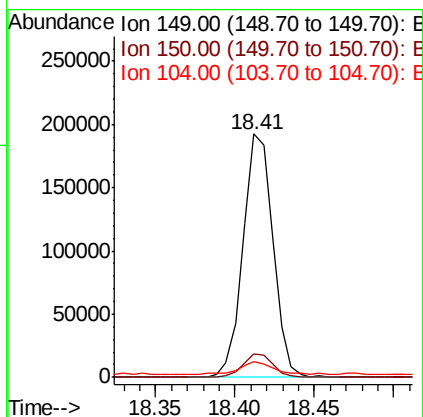
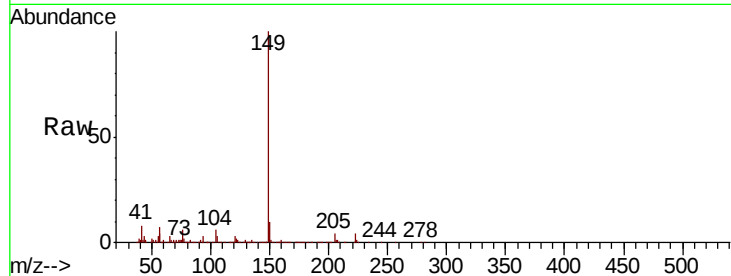
ClientSampled :

TP-13

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	10.2	15.2#
104	6.4	5.3	7.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

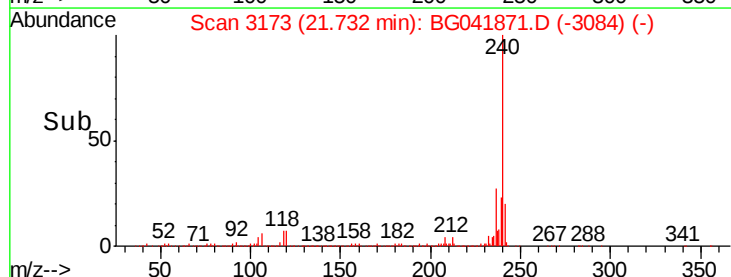
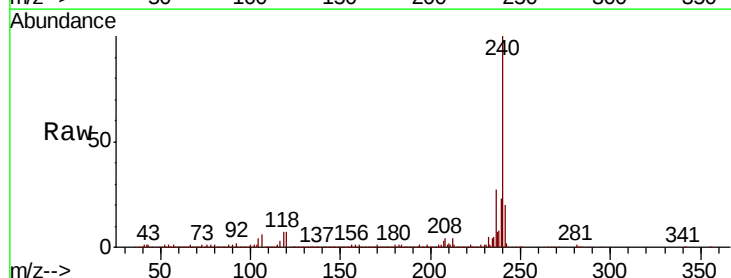
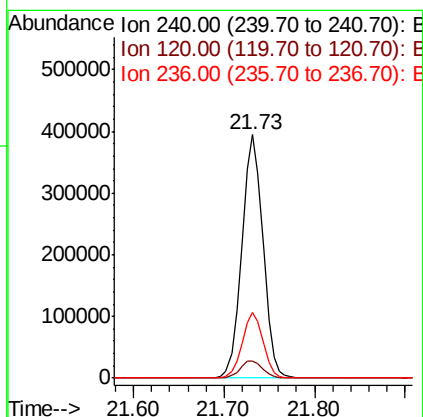
RT: 21.73 min Scan# 3173

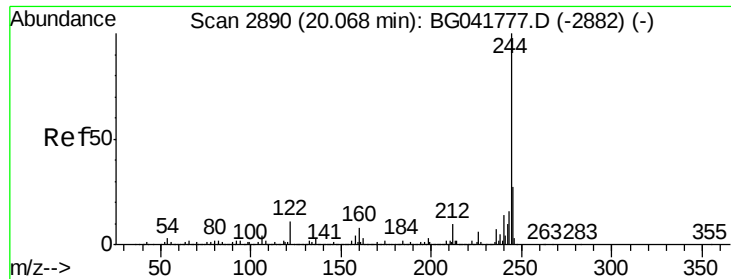
Delta R.T. -0.00 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.2	8.0	12.0#
236	26.9	22.6	33.8





#79

Terphenyl-d14

Concen: 65.661 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

Instrument :

BNA_G

ClientSampleId :

TP-13

Tot Ion:244 Resp: 1832356

Ion Ratio Lower Upper

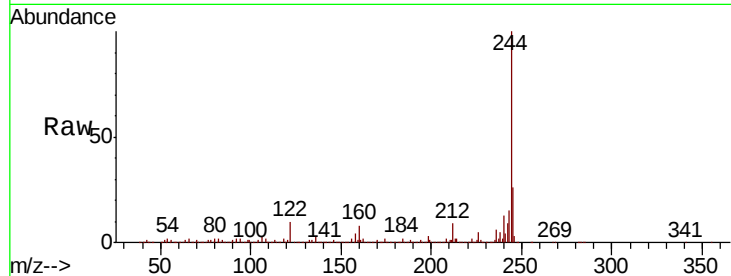
244 100

212 9.0 9.7 14.5#

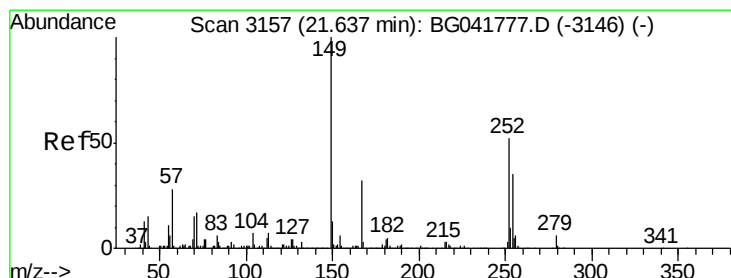
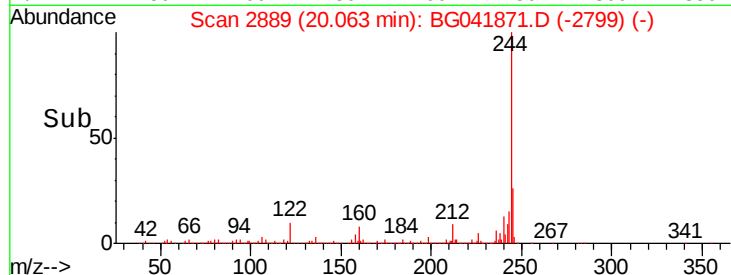
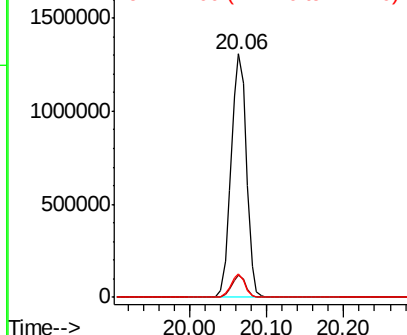
122 9.6 12.5 18.7#

Manual Integrations
APPROVED

mohammad
8/5/2019 1:47:28 PM



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.547 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG041871.D

Acq: 1 Aug 2019 20:04

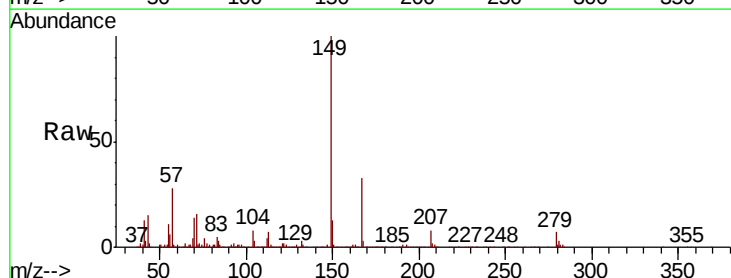
Tgt Ion:149 Resp: 171021

Ion Ratio Lower Upper

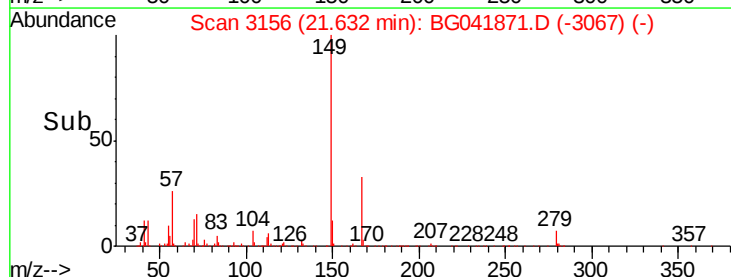
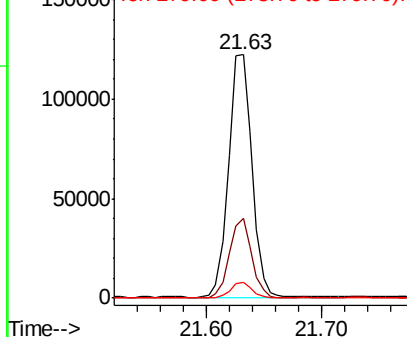
149 100

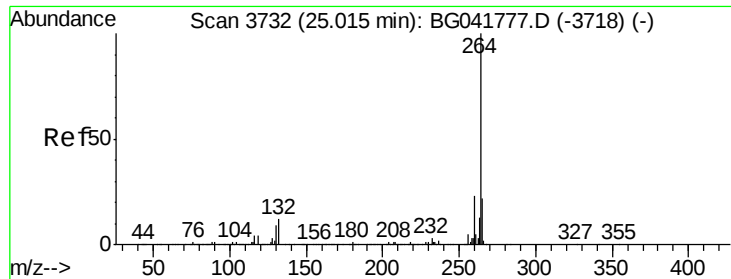
167 32.8 27.0 40.4

279 6.6 5.0 7.6



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
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG041871.D
Acq: 1 Aug 2019 20:04

Instrument :
BNA_G
ClientSampleId :
TP-13

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.3	19.5	29.3
265	22.0	18.0	27.0

Manual Integrations
APPROVED

mohammad
8/5/2019 1:47:28 PM

