

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042282.D
 Acq On : 17 Aug 2019 9:42
 Operator : HP/JU
 Sample : K4356-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Manual Integrations
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Jagrut
 8/19/2019 2:19:43 PM

Quant Time: Aug 19 06:47:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	63949	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	235063	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	169633	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	411824	20.00	ng	0.00
76) Chrysene-d12	21.70	240	479503	20.00	ng	0.00
87) Perylene-d12	24.94	264	513649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	411270	125.13	ng	0.00
7) Phenol-d6	7.17	99	502507	113.40	ng	0.00
23) Nitrobenzene-d5	9.17	82	341679	100.03	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	359080	186.36	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1027757	106.86	ng	0.00
79) Terphenyl-d14	20.03	244	2044570	97.57	ng	0.00
Target Compounds						
32) Benzoic acid	10.11	122	12345m	13.525	ng	Qvalue 98
50) Dimethylphthalate	14.12	163	43583	3.762	ng	

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

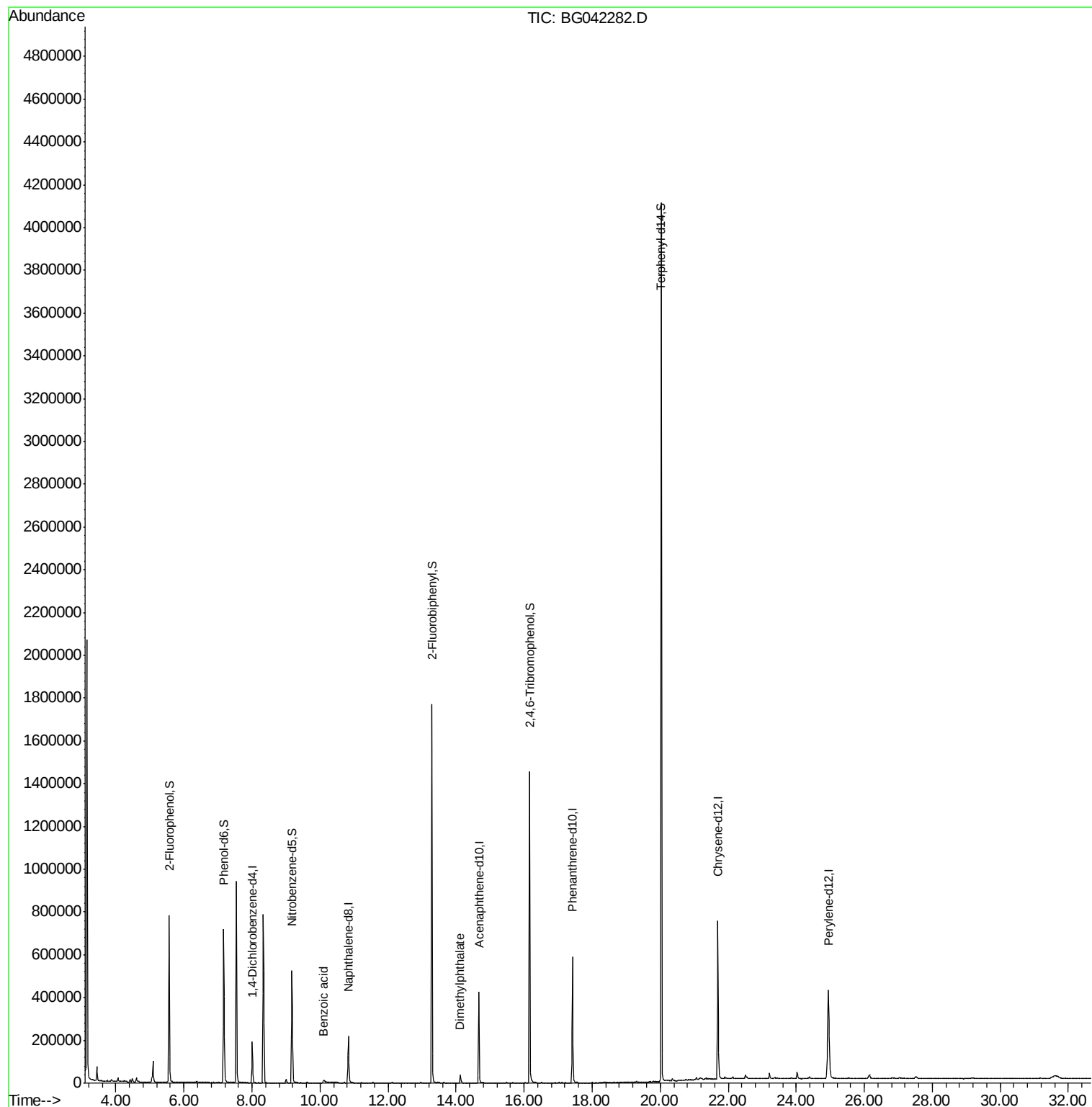
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042282.D
Acq On : 17 Aug 2019 9:42
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Sample : K4356-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

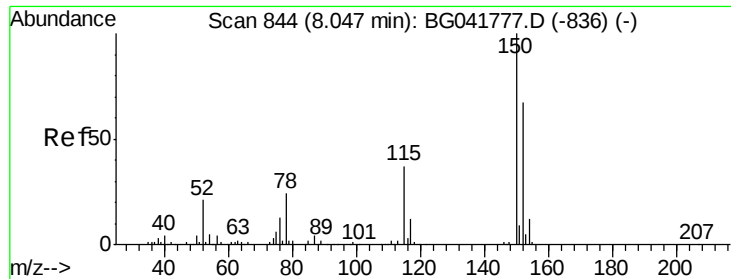
Instrument :
BNA_G
ClientSampleId :
TP-1

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Response via : Initial Calibration





#1

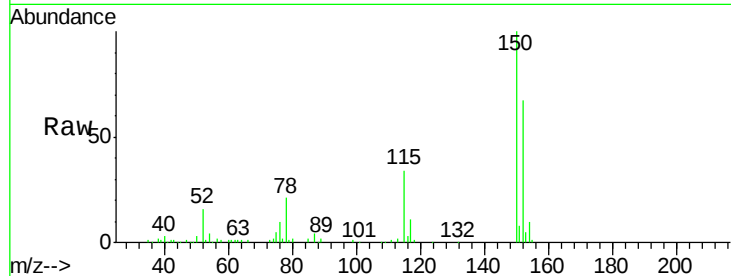
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

Instrument :
BNA_G
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	126.9	190.3
115	50.6	45.0	67.6

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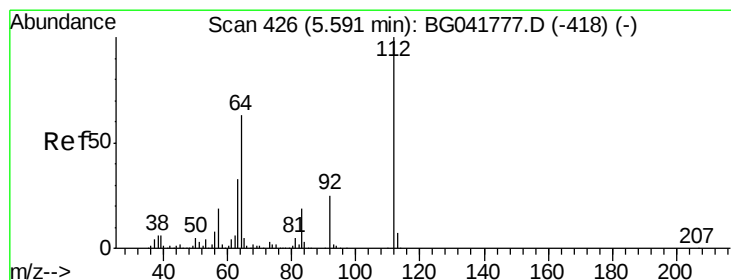
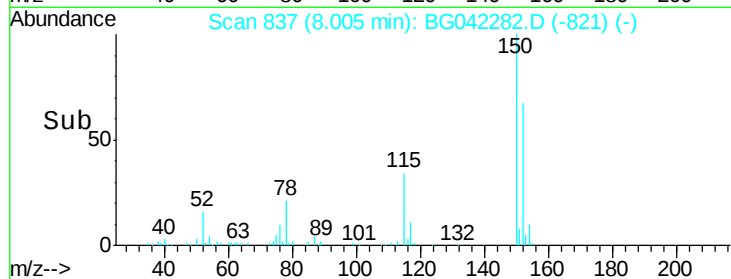
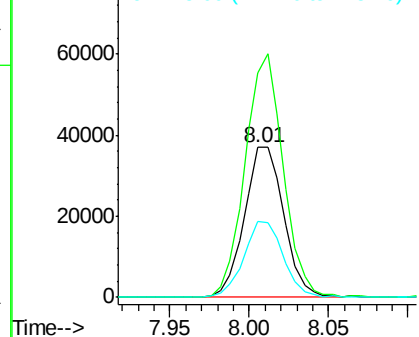


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

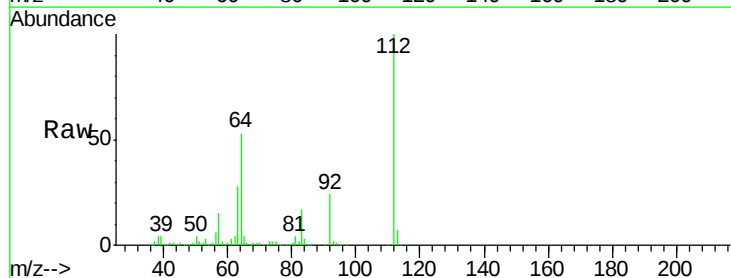
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.127 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.2	55.4	83.2#
63	27.6	29.1	43.7#

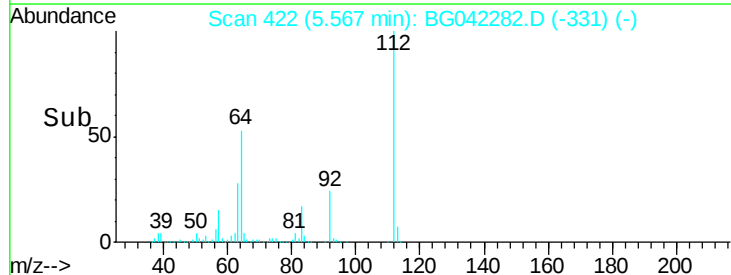
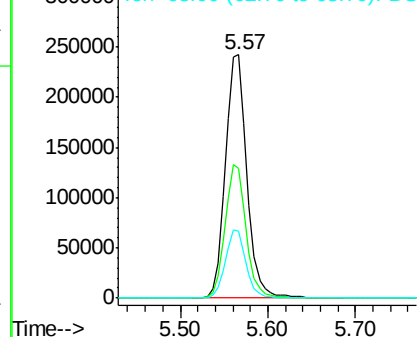


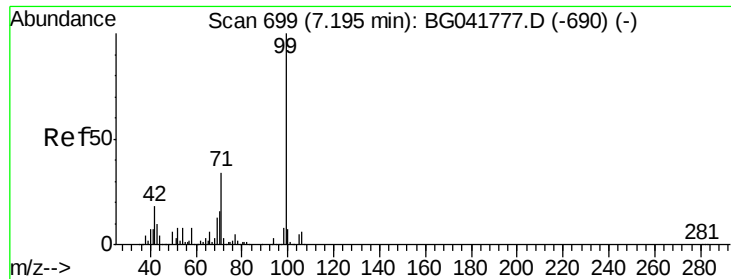
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 113.403 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042282.D

Acq: 17 Aug 2019 9:42

Instrument :

BNA_G

ClientSampleId :

TP-1

Tot Ion: 99 Resp: 502507
Ion Ratio Lower Upper

99 100

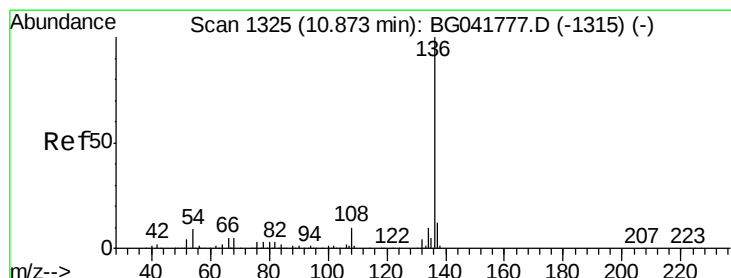
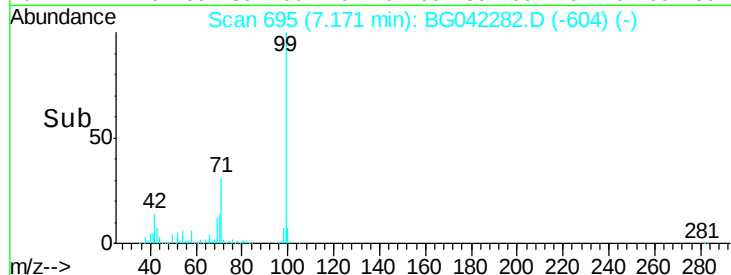
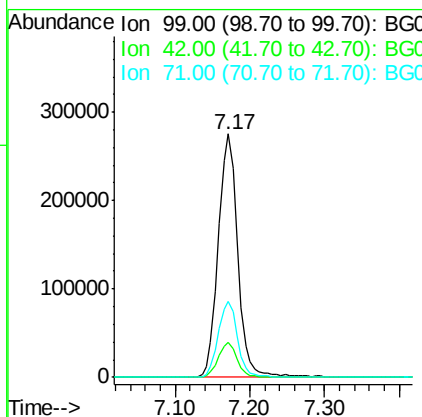
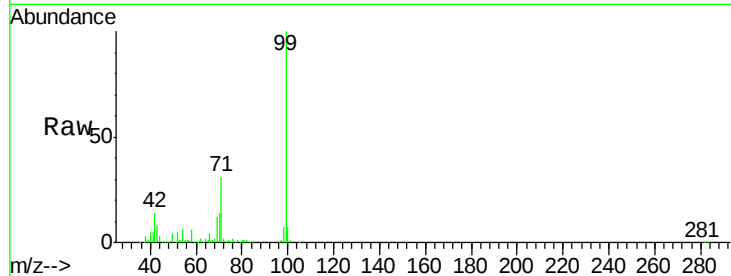
42 14.2 17.6 26.4#

71 31.2 27.8 41.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG042282.D

Acq: 17 Aug 2019 9:42

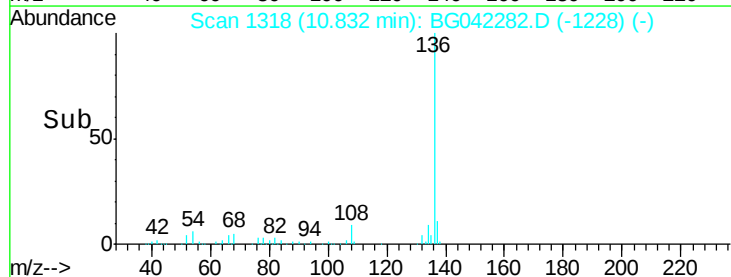
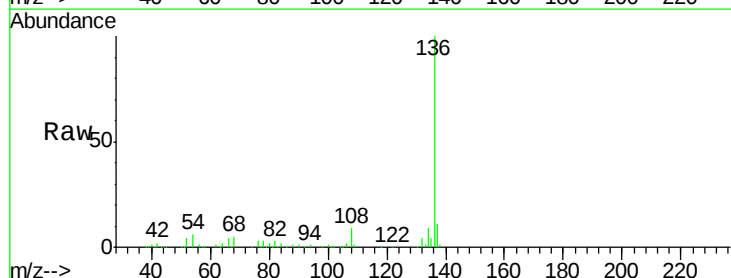
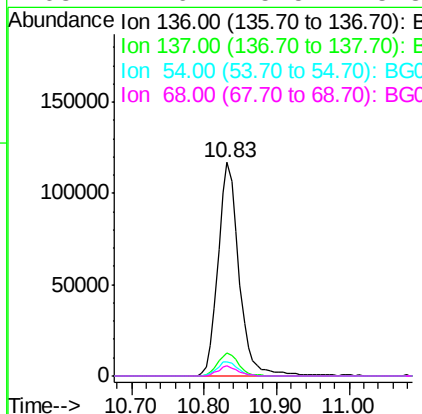
Tgt Ion: 136 Resp: 235063
Ion Ratio Lower Upper

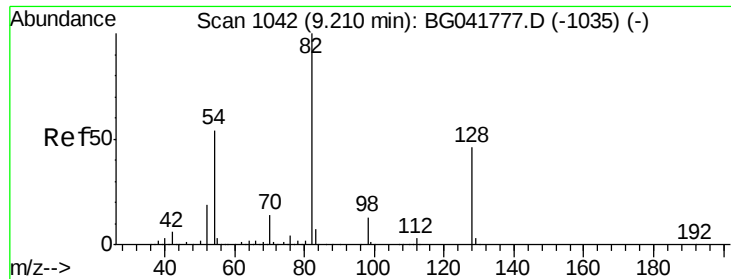
136 100

137 10.9 9.2 13.8

54 6.4 8.7 13.1#

68 4.6 5.5 8.3#





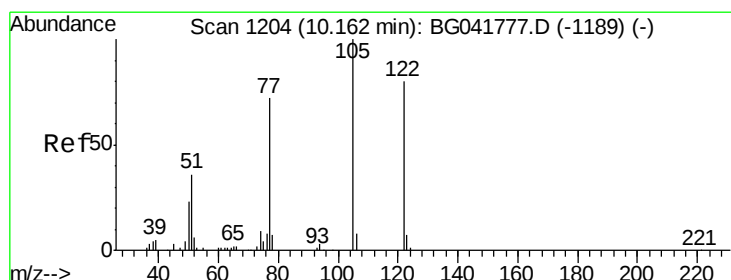
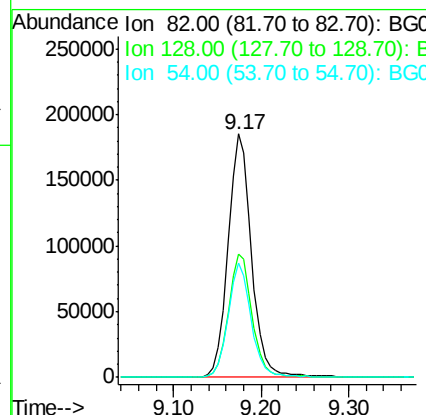
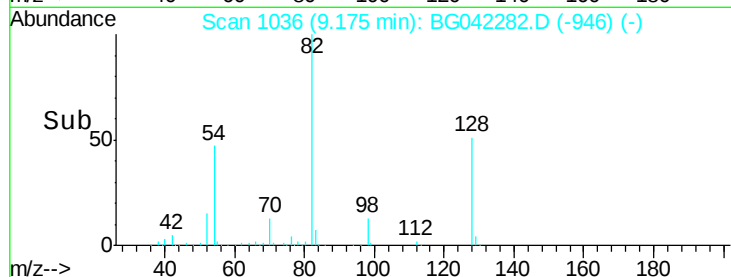
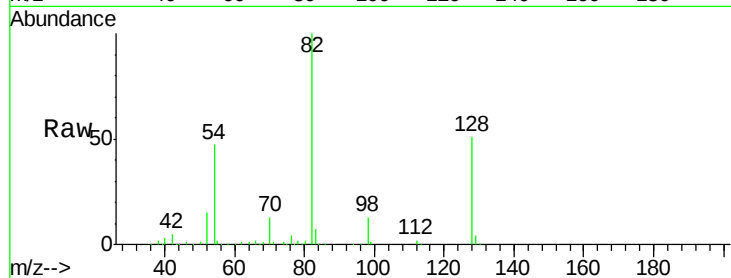
#23
Nitrobenzene-d5
Concen: 100.029 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

Instrument :
BNA_G
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.8	35.1	52.7
54	46.9	48.7	73.1

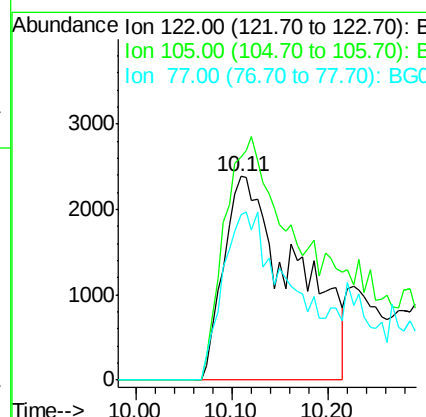
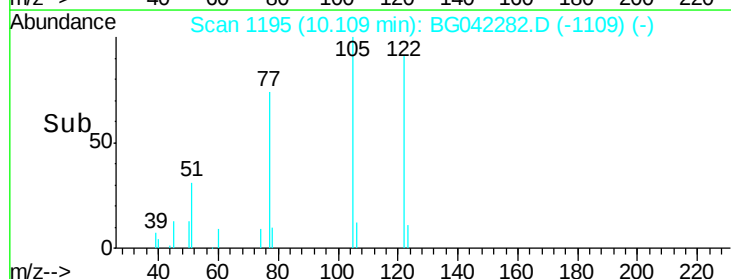
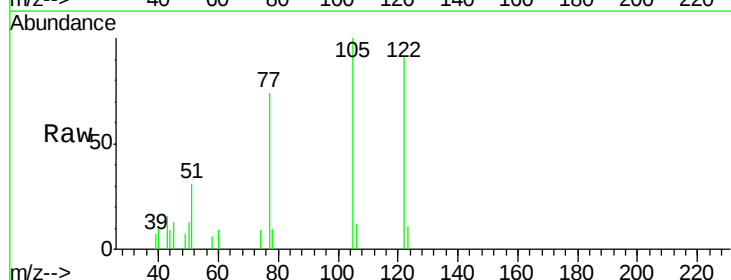
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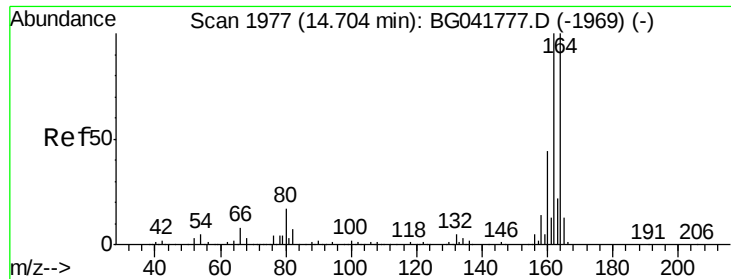
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#32
Benzoic acid
Concen: 13.525 ng m
RT: 10.11 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	109.6	101.5	141.5
77	81.7	73.0	113.0





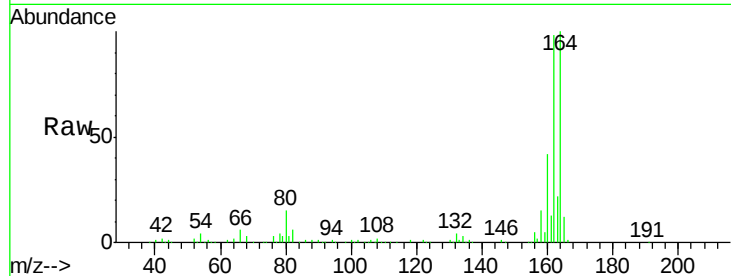
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

Instrument :
BNA_G
ClientSampled :
TP-1

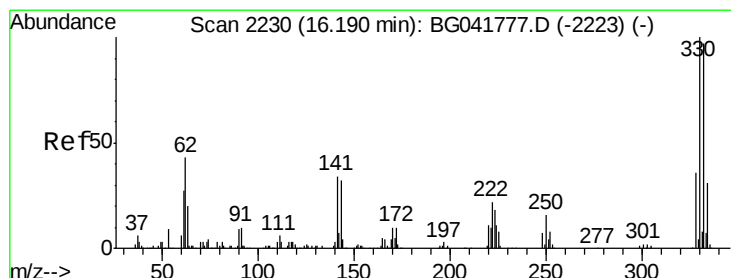
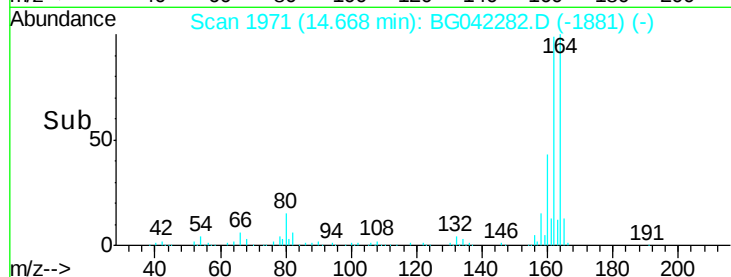
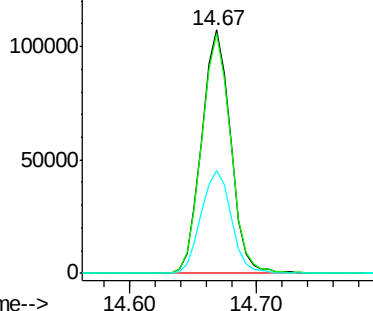
Tot Ion	Ratio	Resp	Lower	Upper
164	100	169633		
162	98.5	79.6	119.4	
160	42.3	35.4	53.0	

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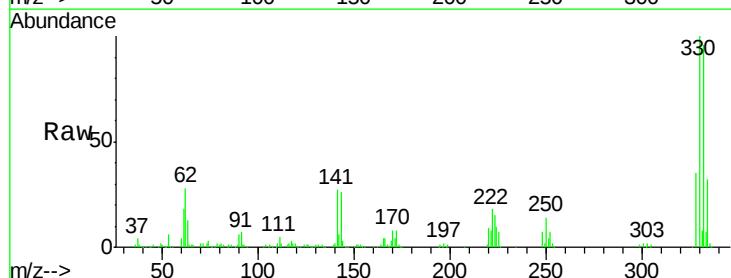


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

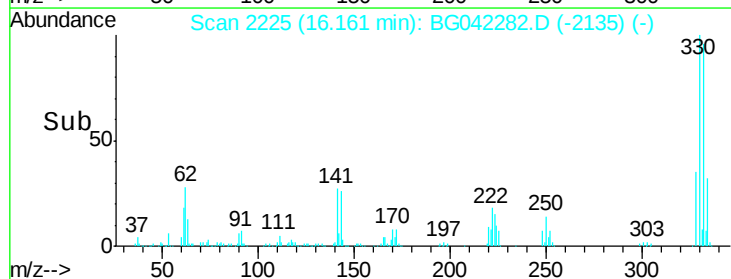
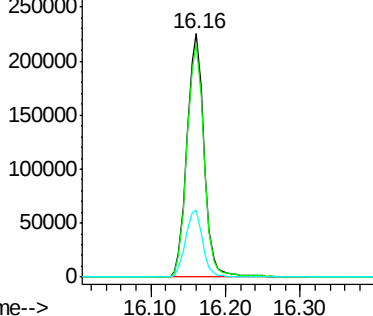


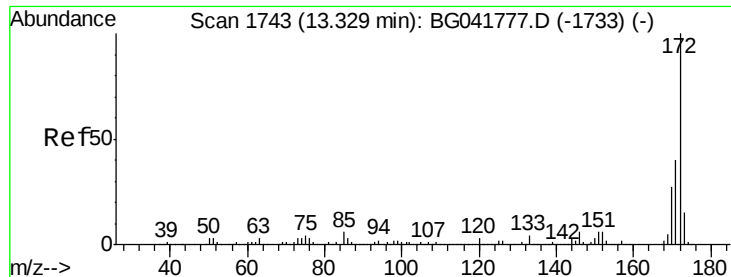
#42
2,4,6-Tribromophenol
Concen: 186.361 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG042282.D
Acq: 17 Aug 2019 9:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	359080		
332	96.5	77.4	116.0	
141	27.6	31.9	47.9#	



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





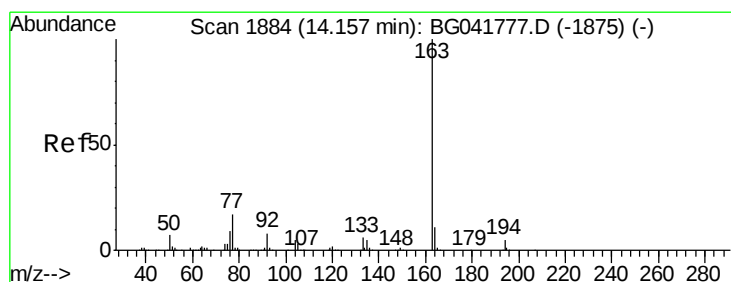
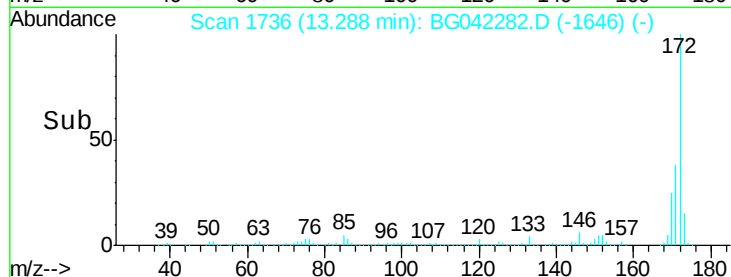
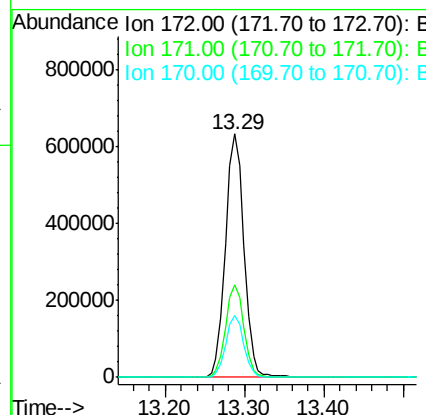
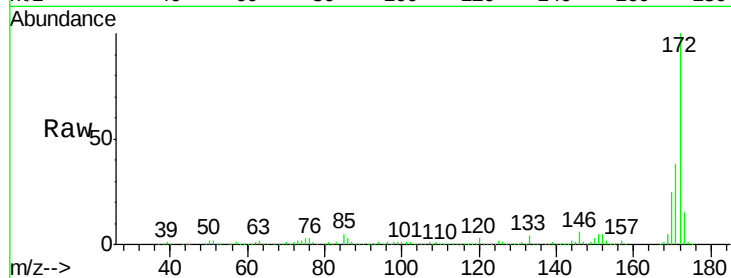
#45
 2-Fluorobiphenyl
 Concen: 106.859 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG042282.D
 Acq: 17 Aug 2019 9:42

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	35.0	52.4
170	25.3	23.5	35.3

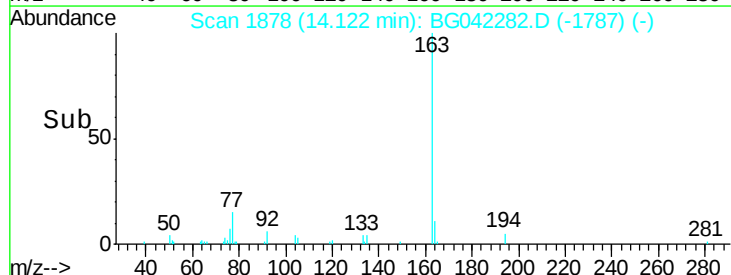
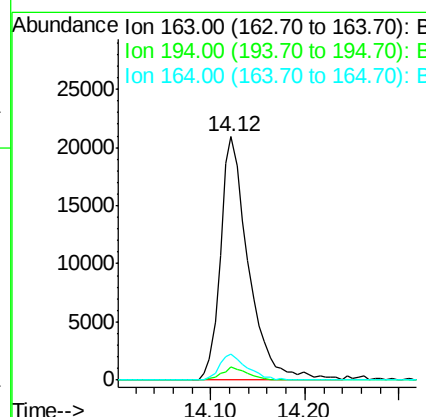
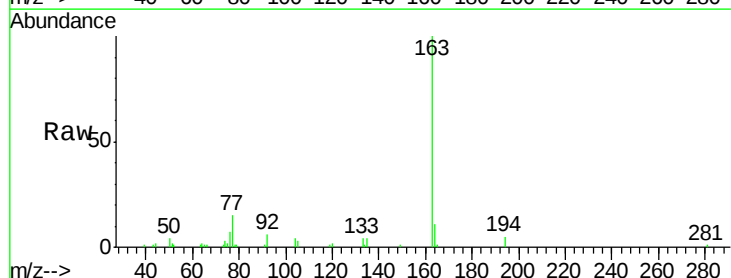
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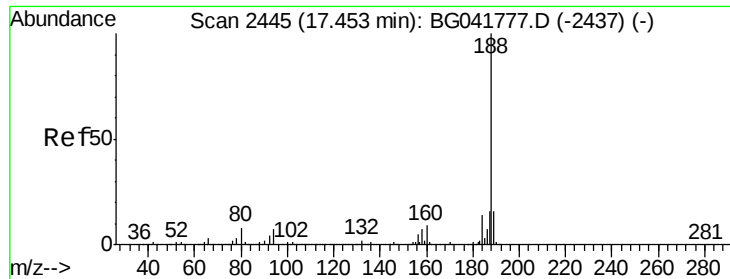
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#50
 Dimethylphthalate
 Concen: 3.762 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: BG042282.D
 Acq: 17 Aug 2019 9:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.2	6.2
164	10.8	9.4	14.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG042282.D

Acq: 17 Aug 2019 9:42

Instrument :

BNA_G

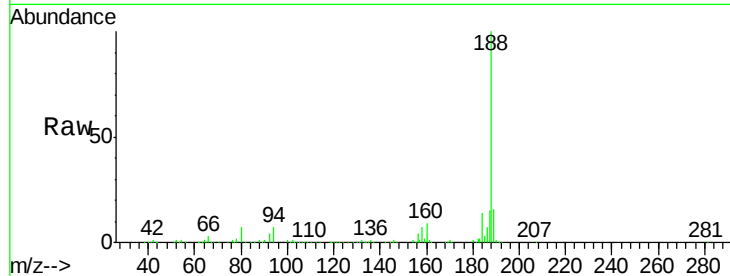
ClientSampleId :

TP-1

Tot Ion:	188	Resp:	411824
Ion Ratio	Lower	Upper	
188	100		
94	6.5	6.9	10.3#
80	6.9	8.0	12.0#

Manual Integrations
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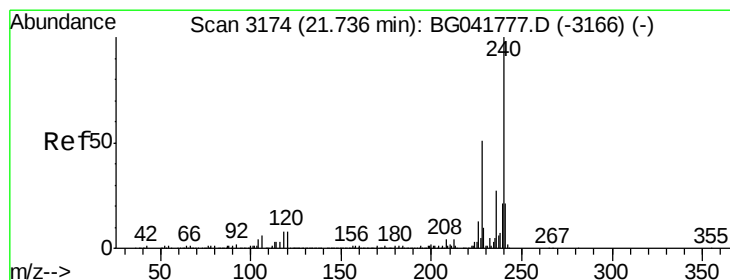
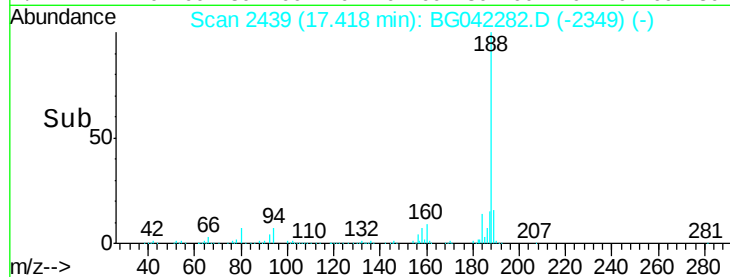
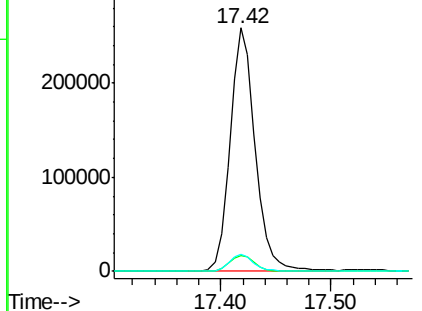
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

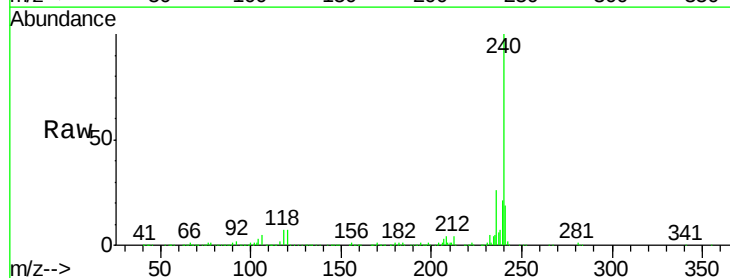
RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG042282.D

Acq: 17 Aug 2019 9:42

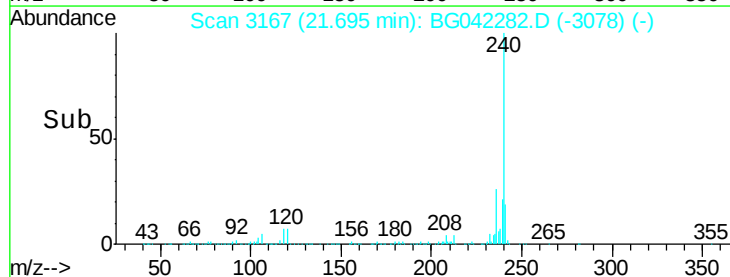
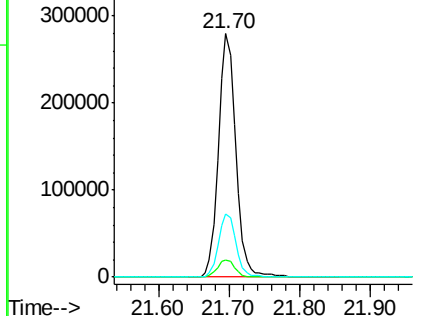
Tgt Ion:	240	Resp:	479503
Ion Ratio	Lower	Upper	
240	100		
120	7.2	8.0	12.0#
236	25.9	22.6	33.8

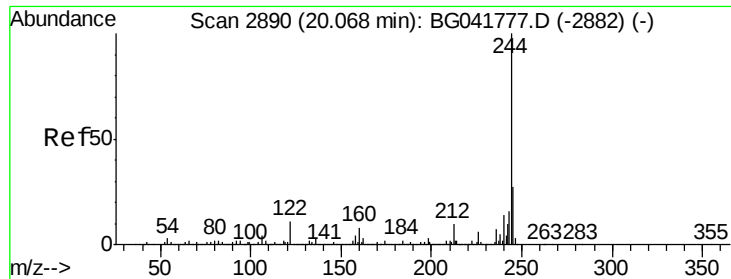


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 97.570 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG042282.D

Acq: 17 Aug 2019 9:42

Instrument :

BNA_G

ClientSampleId :

TP-1

Tot Ion:244 Resp: 2044570

Ion Ratio Lower Upper

244 100

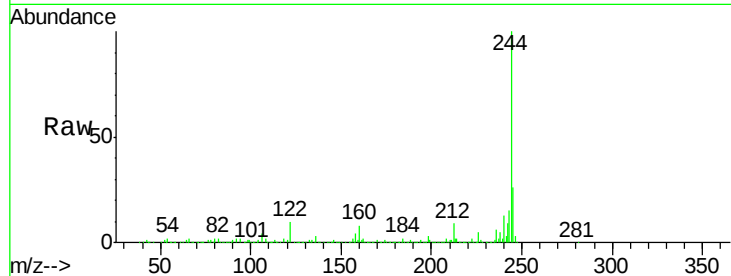
212 8.9 9.7 14.5#

122 10.4 12.5 18.7#

Manual Integrations
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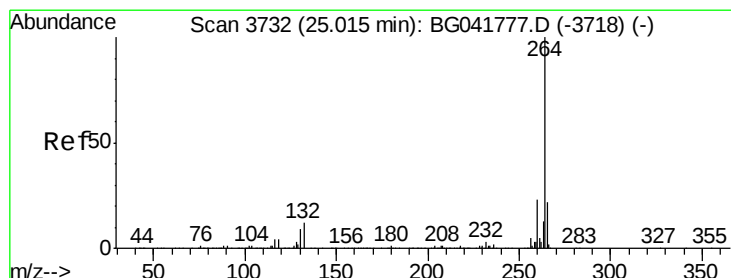
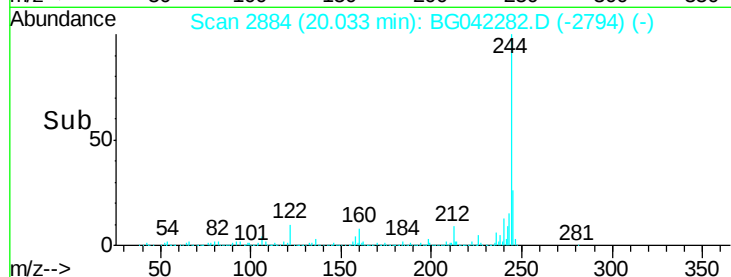
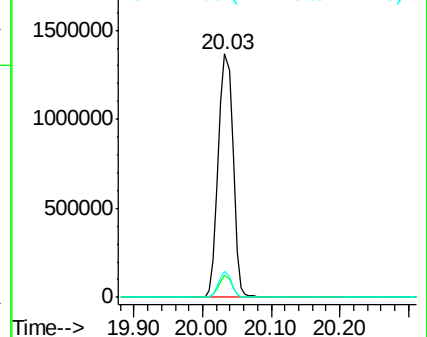
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG042282.D

Acq: 17 Aug 2019 9:42

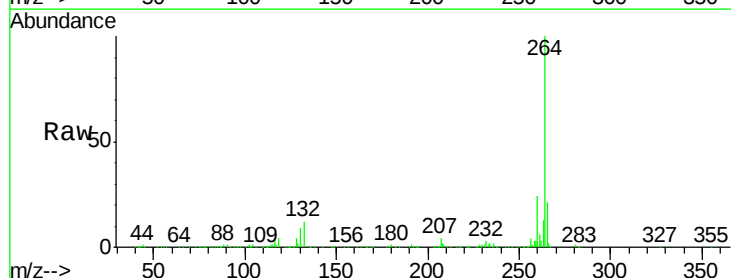
Tgt Ion:264 Resp: 513649

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.5 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

