

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042947.D
 Acq On : 30 Sep 2019 17:39
 Operator : JU
 Sample : K5083-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190705-RR-COMPOSITE-5

Quant Time: Oct 01 07:43:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

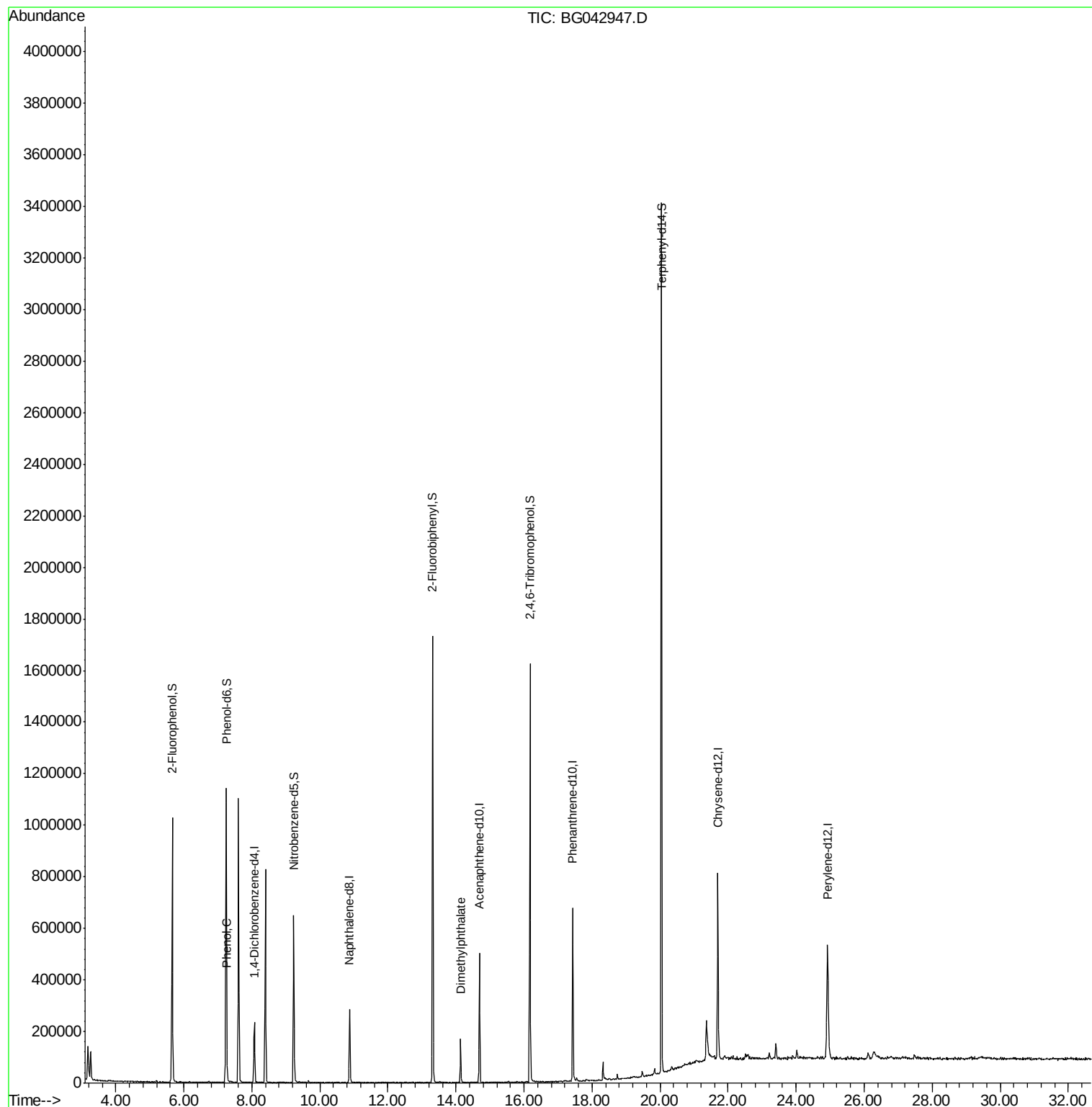
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	67257	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	248313	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	175273	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	422298	20.00	ng	0.00
76) Chrysene-d12	21.70	240	463366	20.00	ng	-0.02
87) Perylene-d12	24.92	264	527492	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	432019	114.63	ng	0.00
7) Phenol-d6	7.24	99	626380	115.42	ng	0.00
23) Nitrobenzene-d5	9.23	82	394520	77.22	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	338651	112.36	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	931405	77.04	ng	-0.01
79) Terphenyl-d14	20.04	244	1666385	76.63	ng	0.00
Target Compounds						
10) Phenol	7.27	94	19132	3.842	ng	81
50) Dimethylphthalate	14.14	163	108035	8.226	ng	# 98

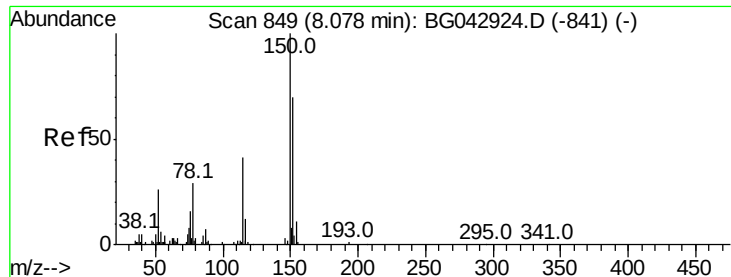
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

Instrument :

BNA_G

ClientSampleId :

20190705-RR-COMPOSITE-5

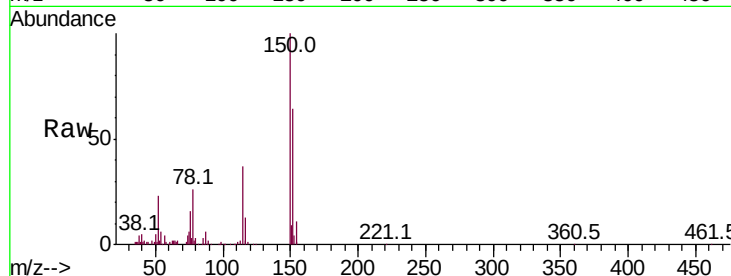
Tot Ion:152 Resp: 67257

Ion Ratio Lower Upper

152 100

150 155.1 115.0 172.4

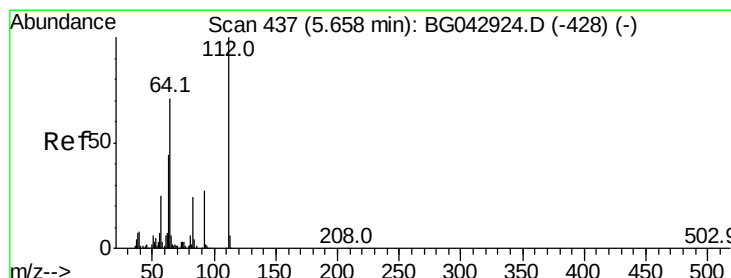
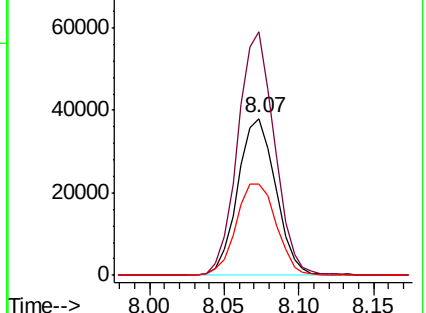
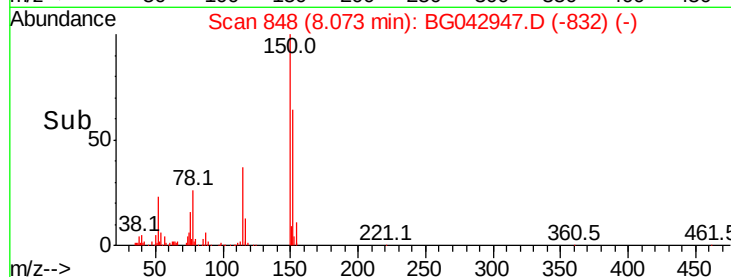
115 57.8 47.0 70.6



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: 114.633 ng

RT: 5.66 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

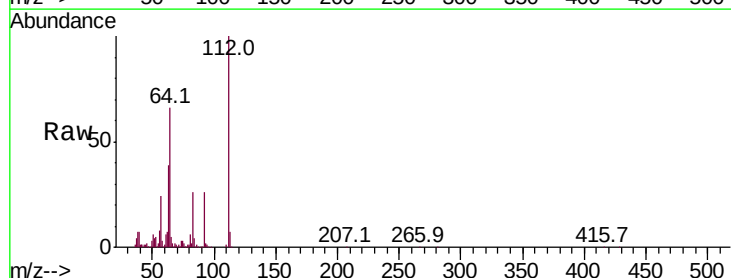
Tgt Ion:112 Resp: 432019

Ion Ratio Lower Upper

112 100

64 66.5 56.6 84.8

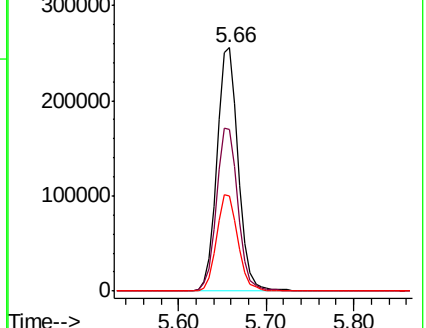
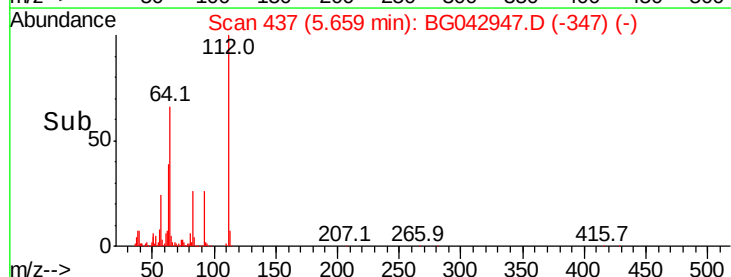
63 39.3 35.1 52.7

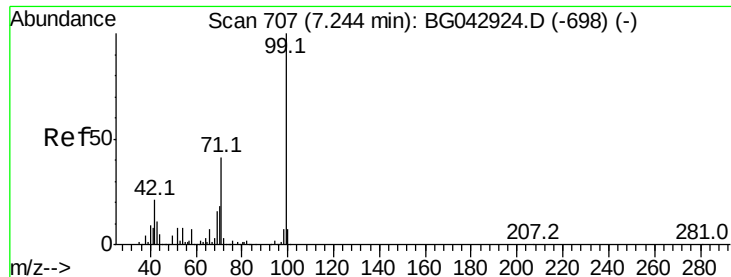


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 115.416 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

Instrument :

BNA_G

ClientSampleId :

20190705-RR-COMPOSITE-5

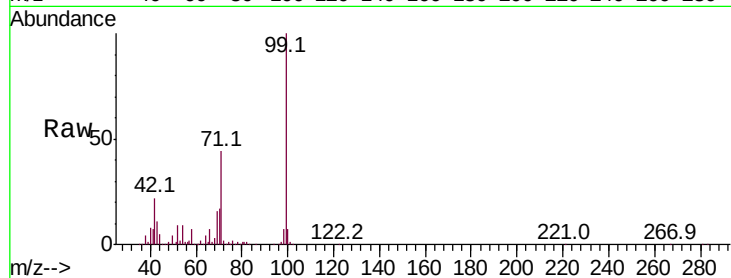
Tot Ion: 99 Resp: 626380

Ion Ratio Lower Upper

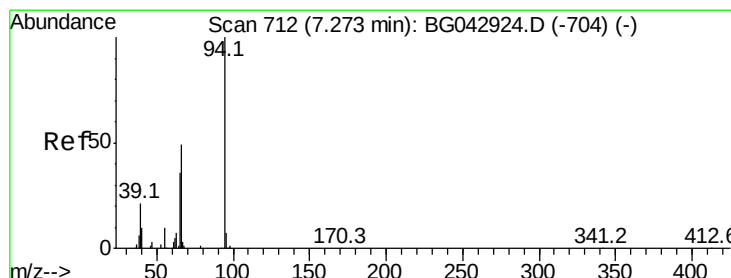
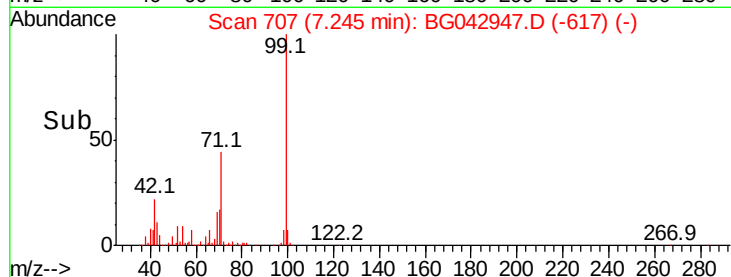
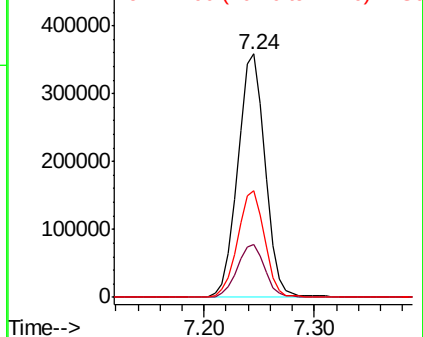
99 100

42 21.9 17.2 25.8

71 43.6 33.1 49.7



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



#10

Phenol

Concen: 3.842 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

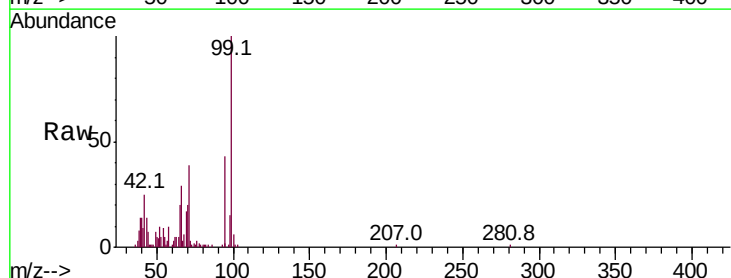
Tgt Ion: 94 Resp: 19132

Ion Ratio Lower Upper

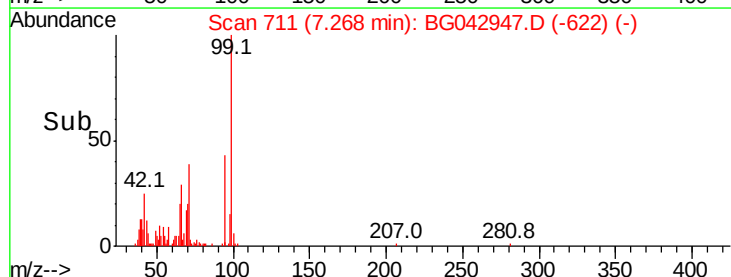
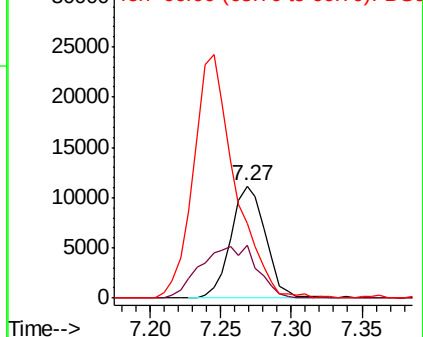
94 100

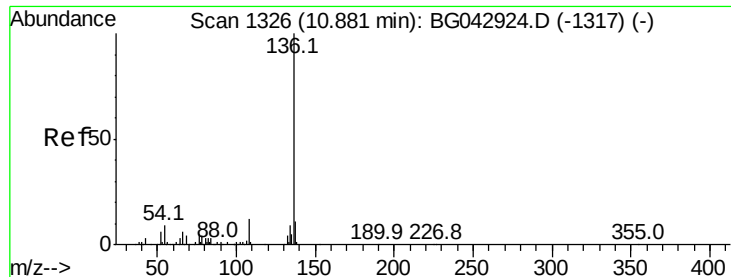
65 47.0 16.6 56.6

66 66.9 32.4 72.4



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

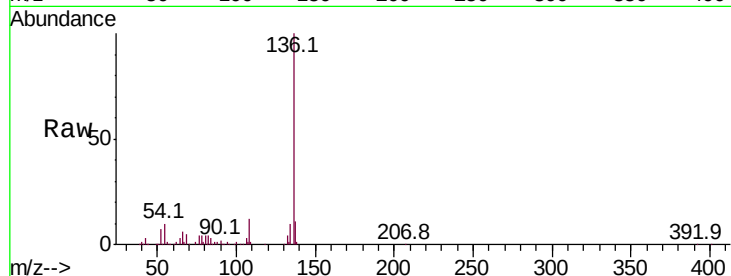




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

Instrument :
BNA_G
ClientSampleId :
20190705-RR-COMPOSITE-5

Tot Ion:	136	Resp:	248313
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	9.7	7.4	11.2
68	5.4	3.6	5.4#



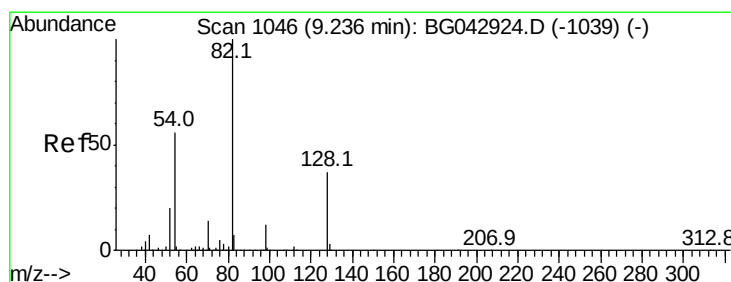
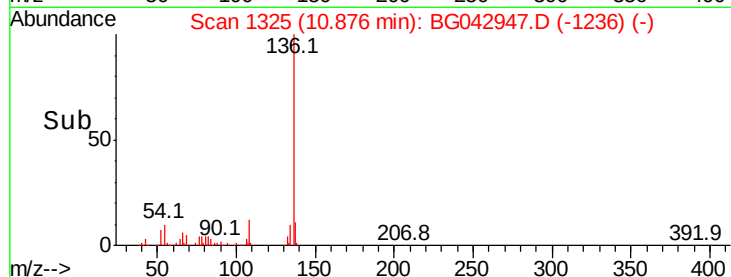
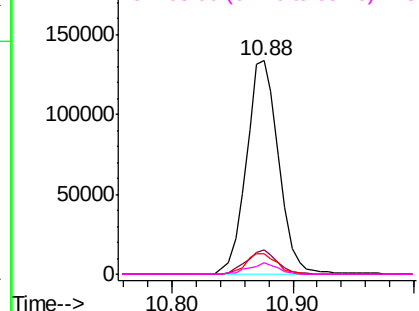
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

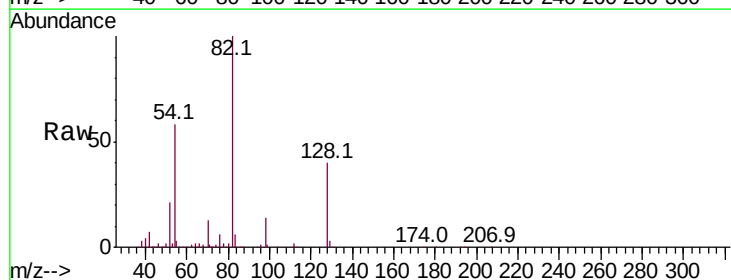
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 77.224 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

Tgt Ion:	82	Resp:	394520
Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.5	44.3
54	57.8	44.6	67.0

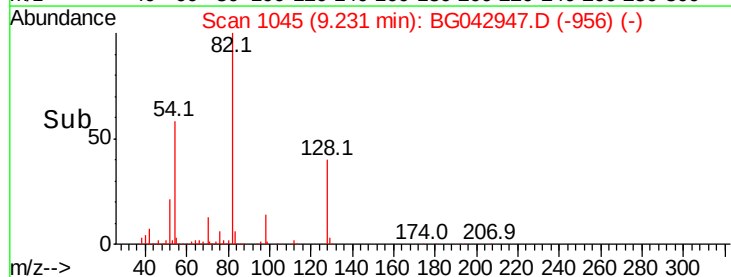
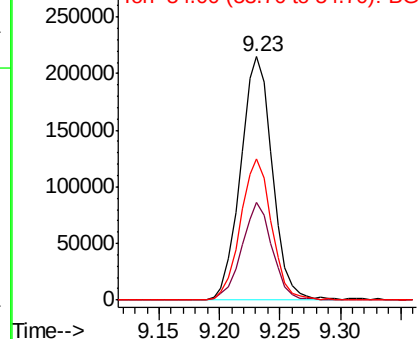


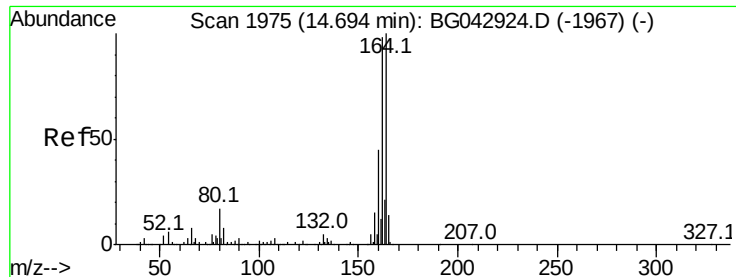
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

Instrument :

BNA_G

ClientSampleId :

20190705-RR-COMPOSITE-5

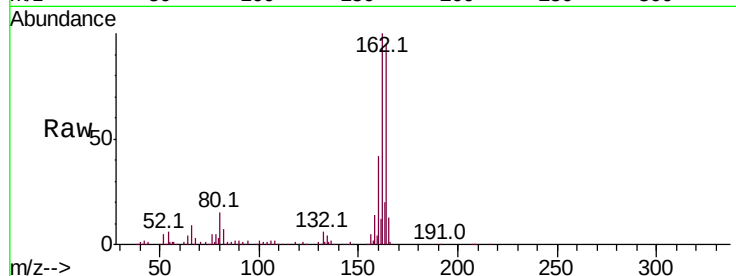
Tot Ion:164 Resp: 175273

Ion Ratio Lower Upper

164 100

162 105.6 78.5 117.7

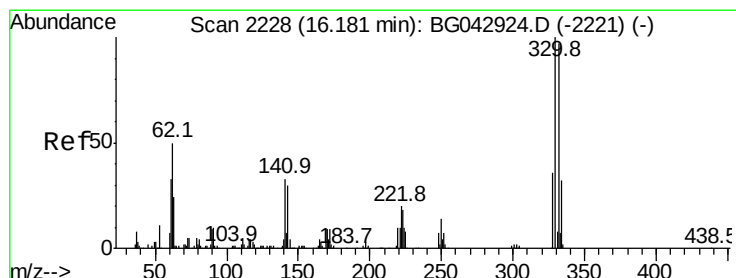
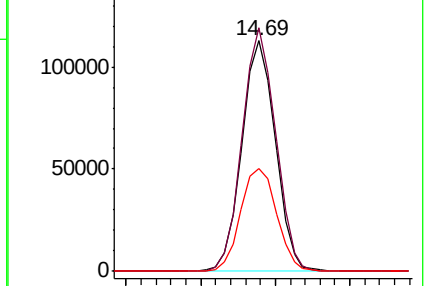
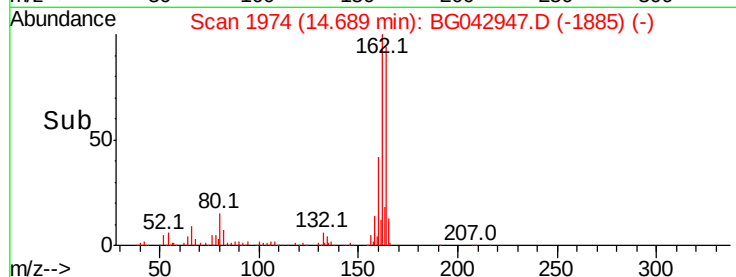
160 44.8 35.9 53.9



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: 112.362 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

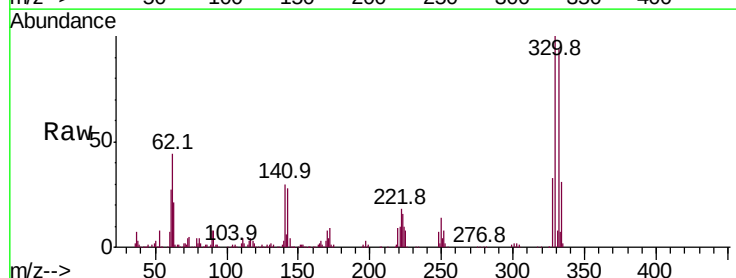
Tgt Ion:330 Resp: 338651

Ion Ratio Lower Upper

330 100

332 96.1 78.2 117.2

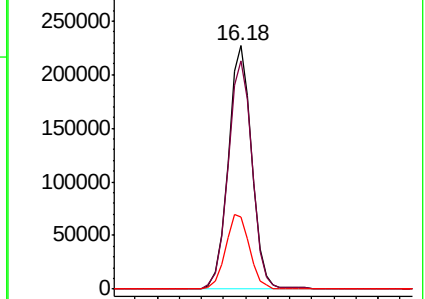
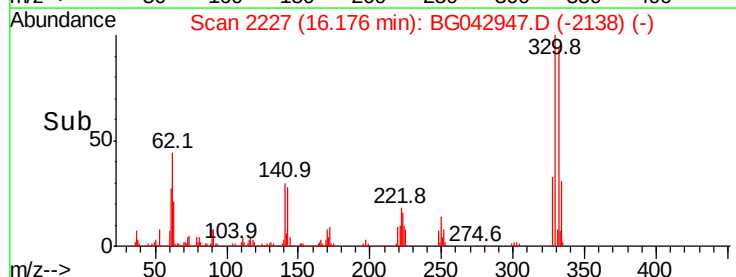
141 31.7 26.0 39.0

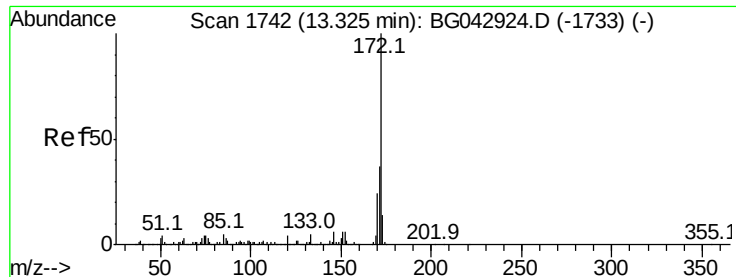


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

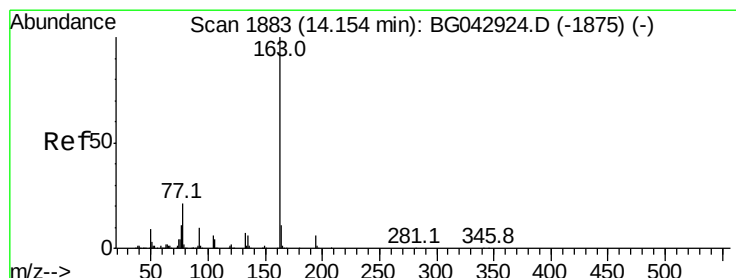
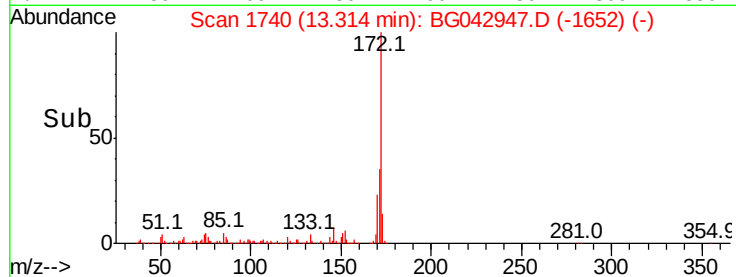
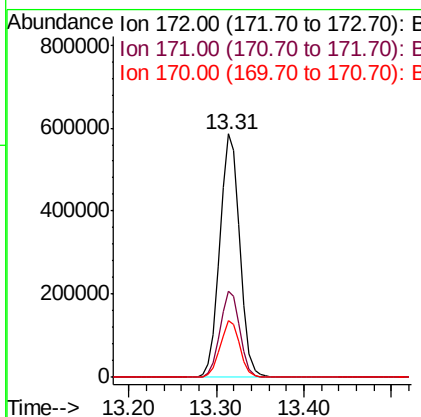
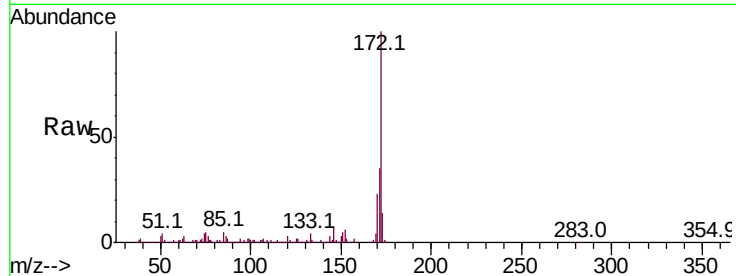




#45
2-Fluorobiphenyl
Concen: 77.037 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

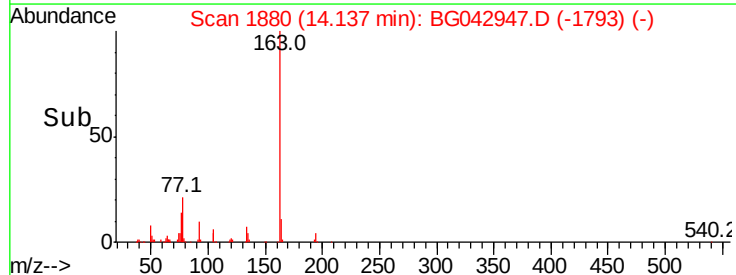
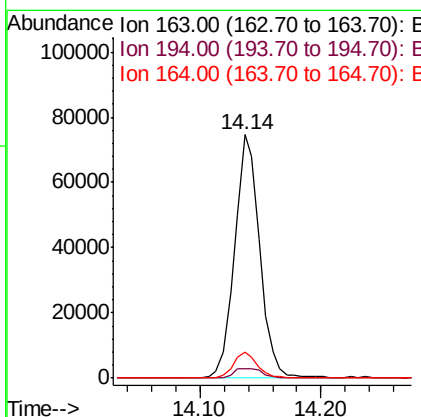
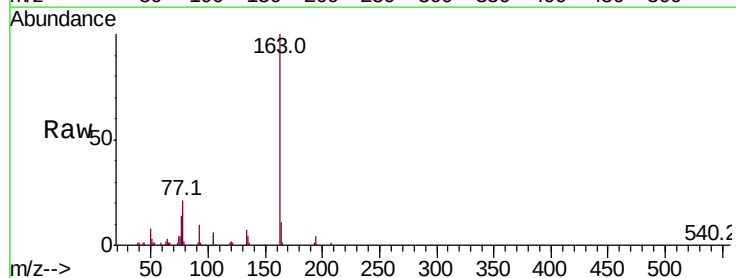
Instrument :
BNA_G
ClientSampleId :
20190705-RR-COMPOSITE-5

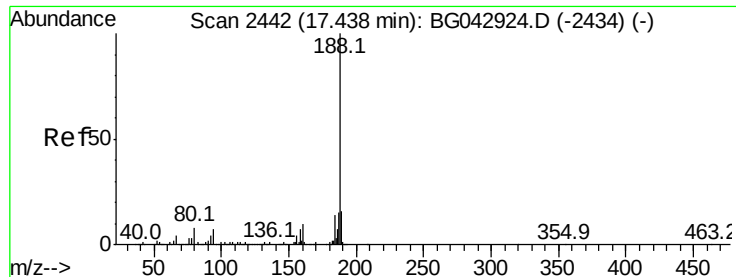
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.1	19.6	29.4



#50
Dimethylphthalate
Concen: 8.226 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG042947.D
Acq: 30 Sep 2019 17:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.4	6.6#
164	10.6	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

Instrument :

BNA_G

ClientSampleId :

20190705-RR-COMPOSITE-5

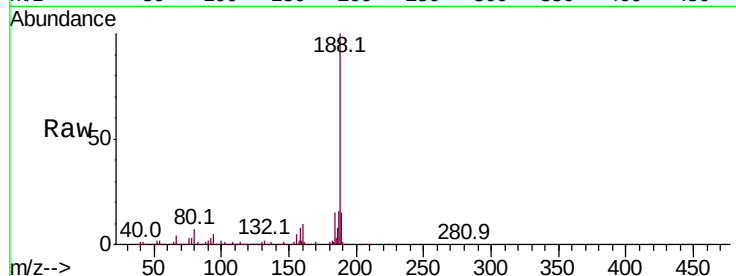
Tot Ion:188 Resp: 422298

Ion Ratio Lower Upper

188 100

94 5.4 5.7 8.5#

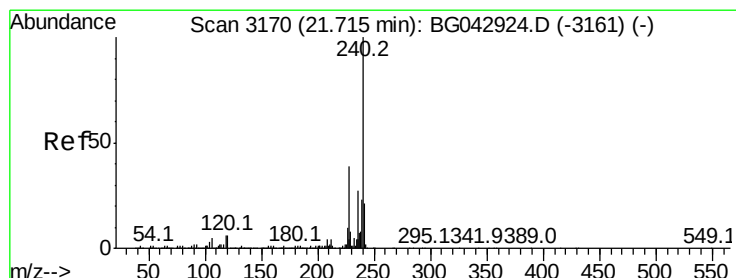
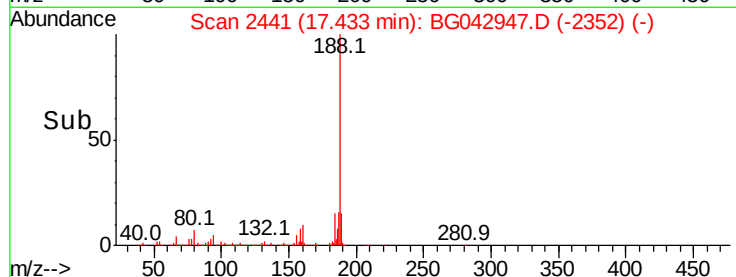
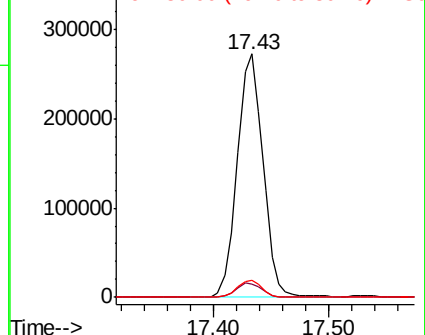
80 7.1 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

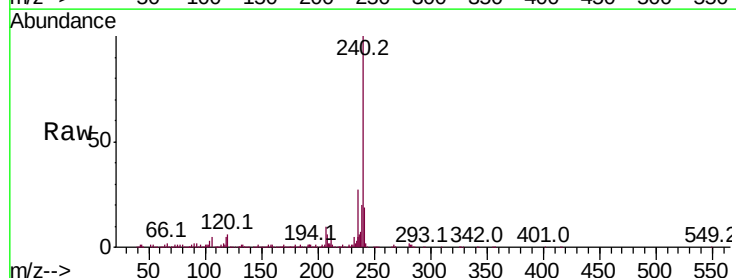
Tgt Ion:240 Resp: 463366

Ion Ratio Lower Upper

240 100

120 5.7 4.8 7.2

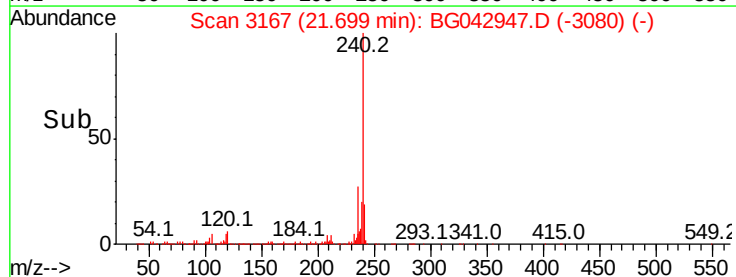
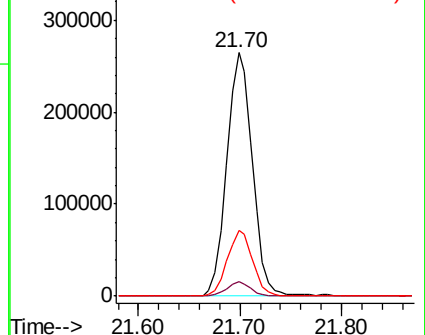
236 26.8 21.4 32.0

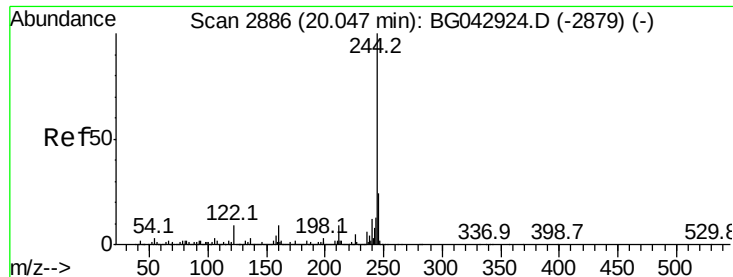


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.632 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

Instrument :

BNA_G

ClientSampleId :

20190705-RR-COMPOSITE-5

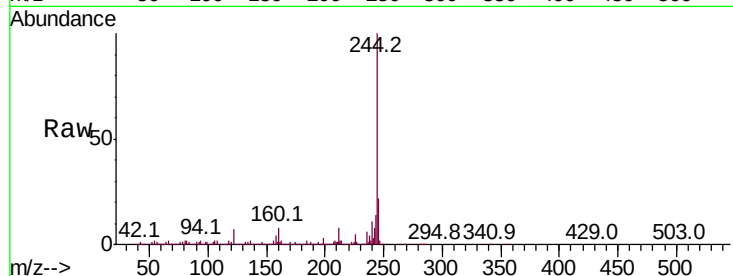
Tot Ion:244 Resp: 1666385

Ion Ratio Lower Upper

244 100

212 8.1 7.4 11.0

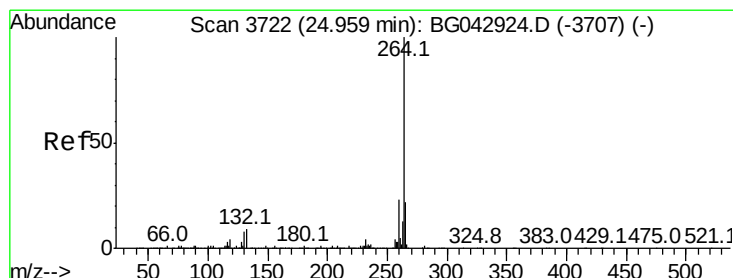
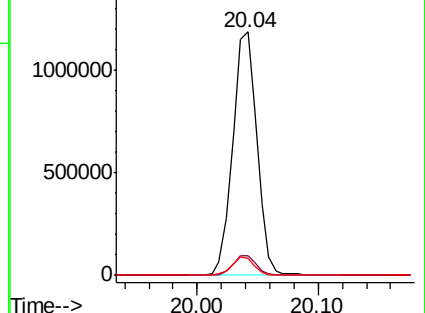
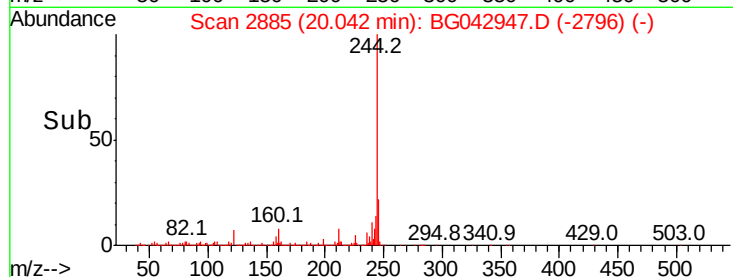
122 7.2 7.0 10.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.03 min

Lab File: BG042947.D

Acq: 30 Sep 2019 17:39

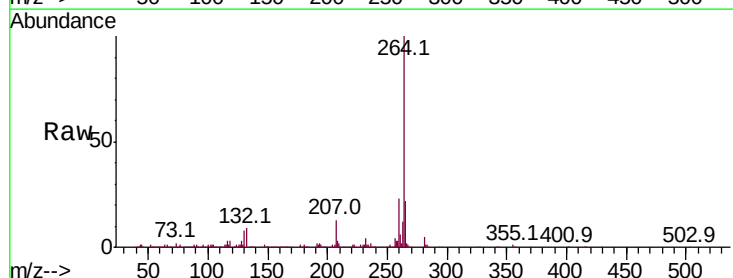
Tgt Ion:264 Resp: 527492

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.4 17.7 26.5



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

