

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042827.D
 Acq On : 13 Sep 2019 21:44
 Operator : HP/JU
 Sample : K4847-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-37-COMP

Quant Time: Sep 13 23:59:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

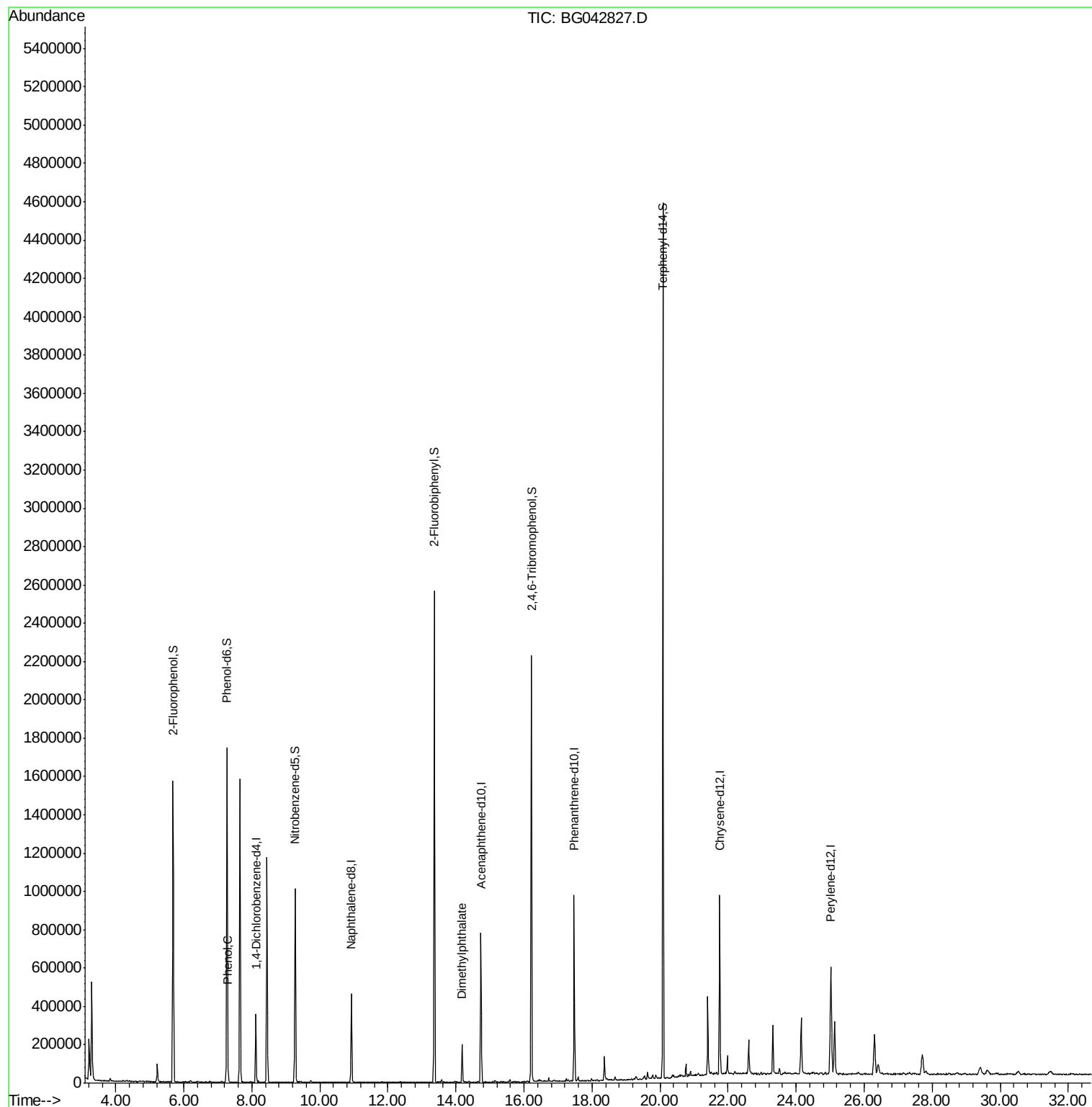
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	100092	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	395672	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	271055	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	593035	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	570586	20.00	ng	-0.01
87) Perylene-d12	25.02	264	619669	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	634650	110.24	ng	0.00
7) Phenol-d6	7.27	99	970586	117.45	ng	0.00
23) Nitrobenzene-d5	9.27	82	613814	80.77	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	416094	115.38	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1348659	78.76	ng	-0.01
79) Terphenyl-d14	20.08	244	2015879	78.30	ng	-0.01
Target Compounds						
10) Phenol	7.30	94	43196	5.097	ng	97
50) Dimethylphthalate	14.18	163	127346	6.272	ng	98

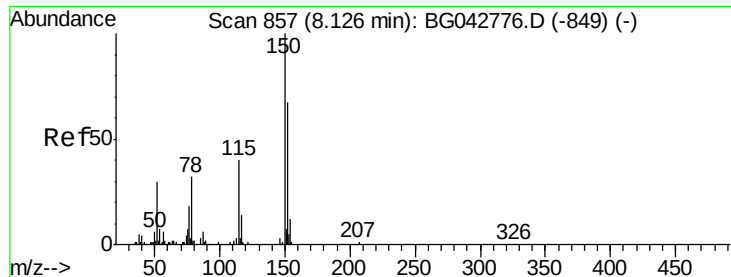
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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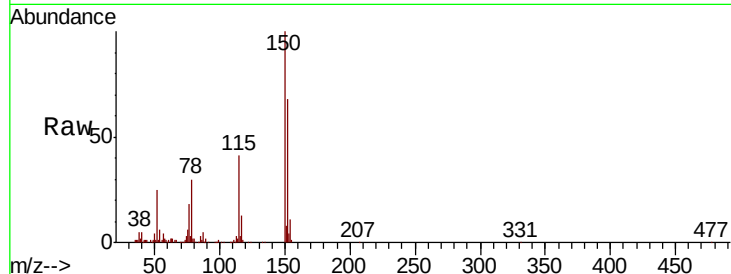


#1

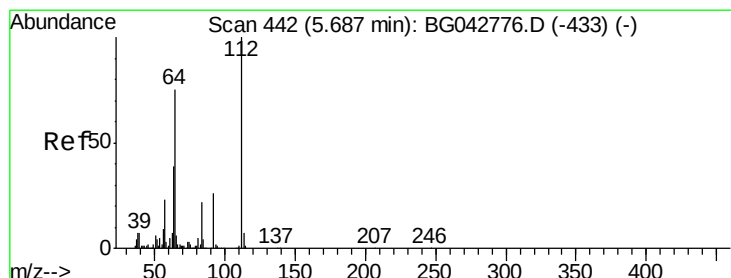
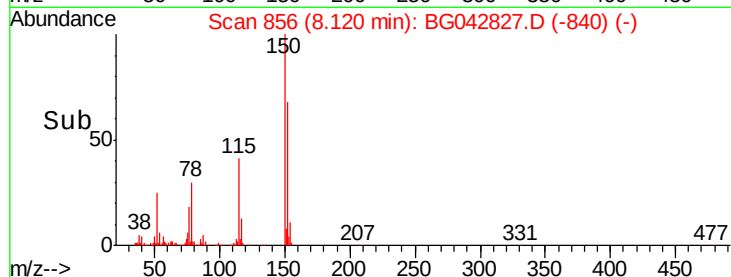
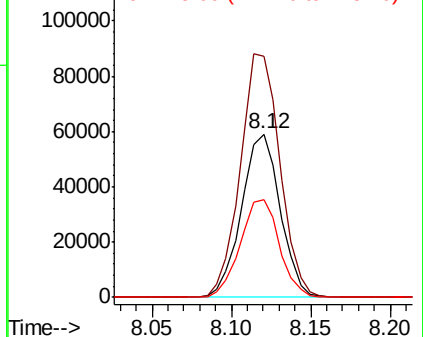
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042827.D
Acq: 13 Sep 2019 21:44

Instrument :
BNA_G
ClientSampleId :
SB-37-COMP

Tot Ion:152 Resp: 100092
Ion Ratio Lower Upper
152 100
150 147.5 118.9 178.3
115 60.1 47.4 71.2



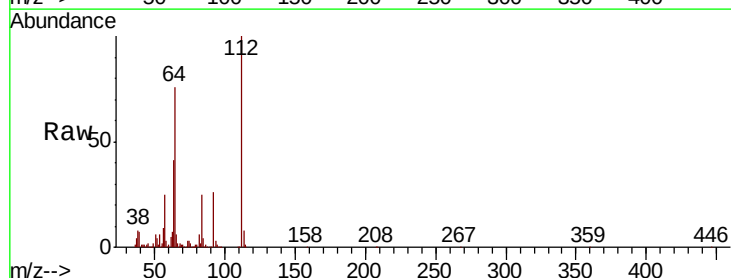
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



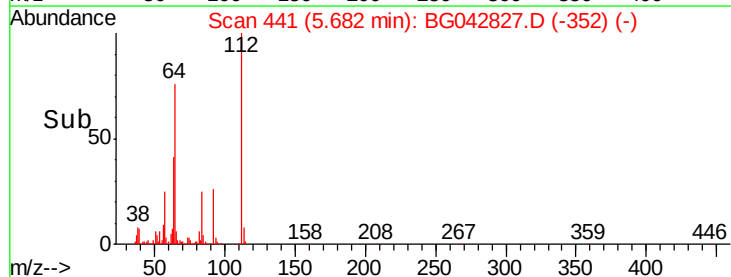
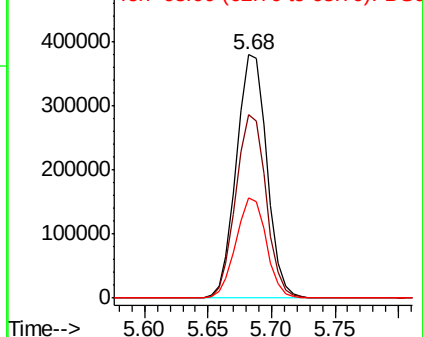
#5

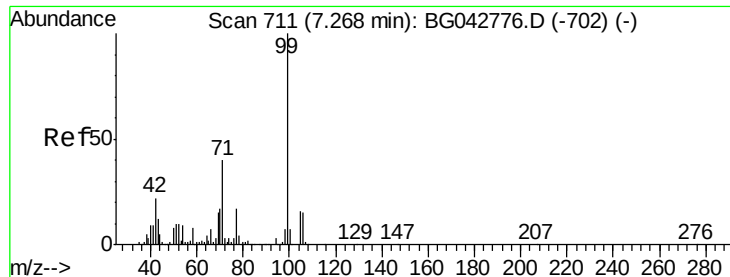
2-Fluorophenol
Concen: 110.236 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG042827.D
Acq: 13 Sep 2019 21:44

Tgt Ion:112 Resp: 634650
Ion Ratio Lower Upper
112 100
64 75.5 60.2 90.2
63 41.4 31.2 46.8



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: 117.454 ng

RT: 7.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BG042827.D

Acq: 13 Sep 2019 21:44

Instrument :

BNA_G

ClientSampleId :

SB-37-COMP

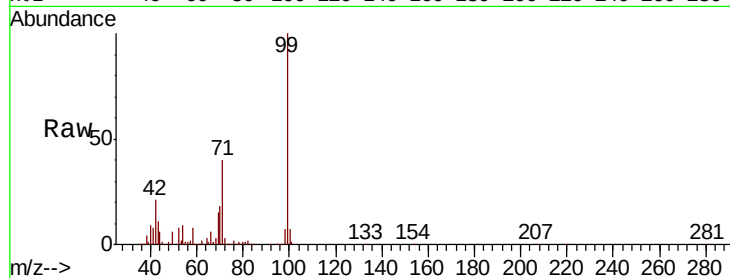
Tot Ion: 99 Resp: 970586

Ion Ratio Lower Upper

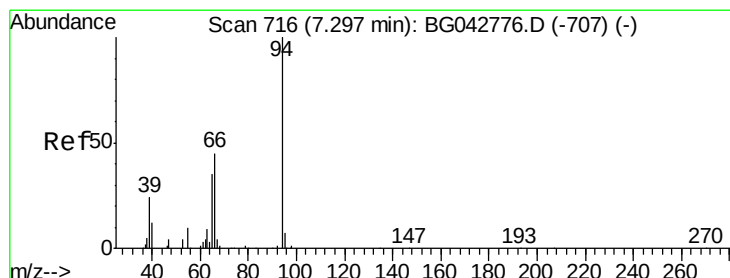
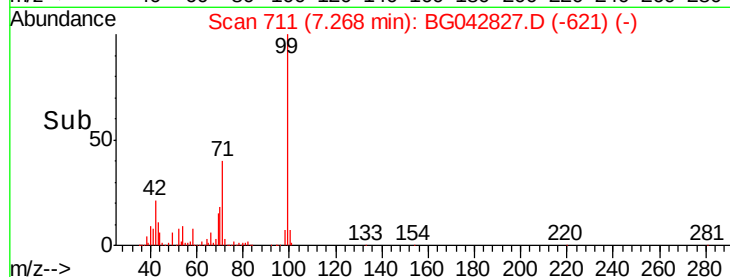
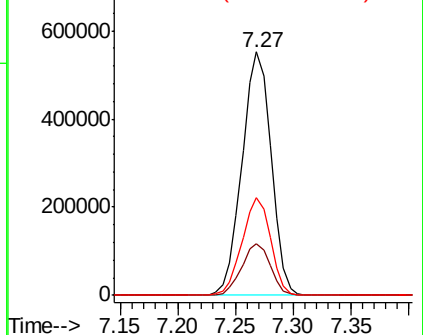
99 100

42 21.4 17.5 26.3

71 40.2 32.0 48.0



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: 5.097 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG042827.D

Acq: 13 Sep 2019 21:44

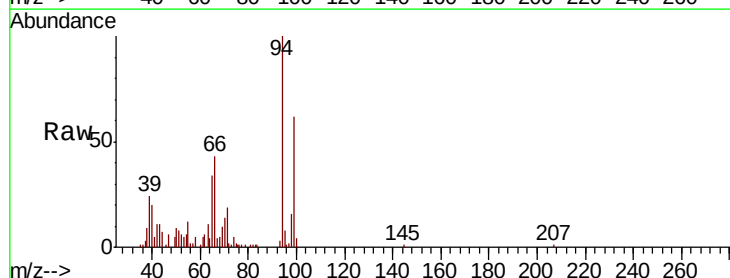
Tgt Ion: 94 Resp: 43196

Ion Ratio Lower Upper

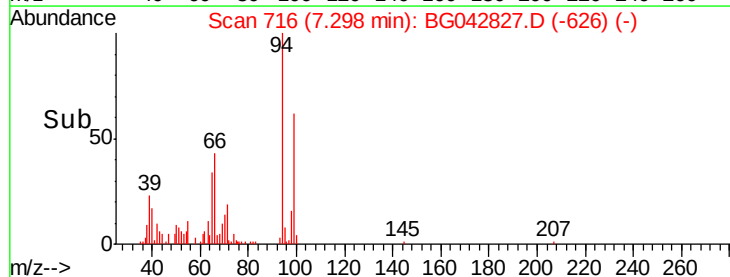
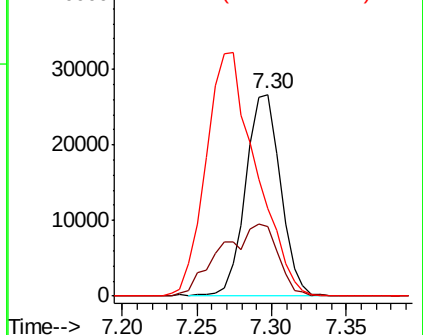
94 100

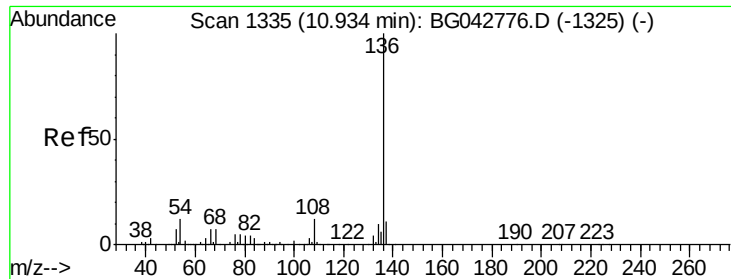
65 34.4 15.0 55.0

66 43.3 26.1 66.1



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

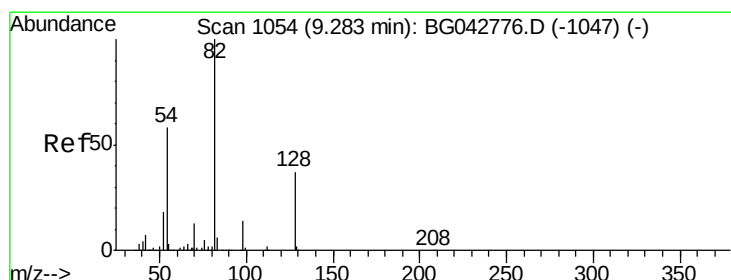
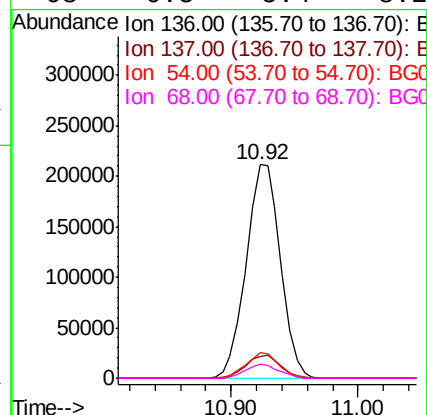
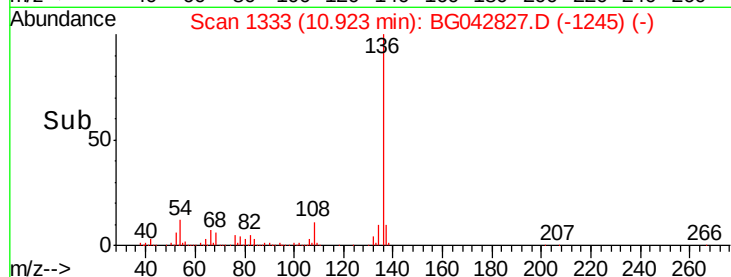
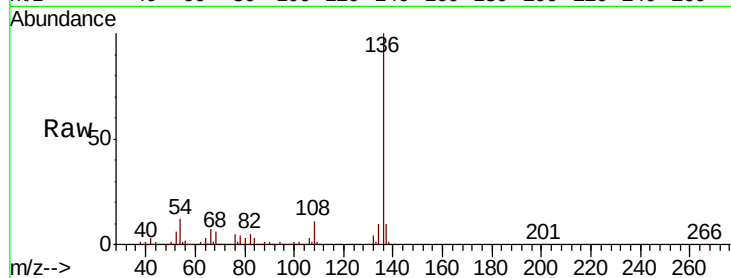




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042827.D
Acq: 13 Sep 2019 21:44

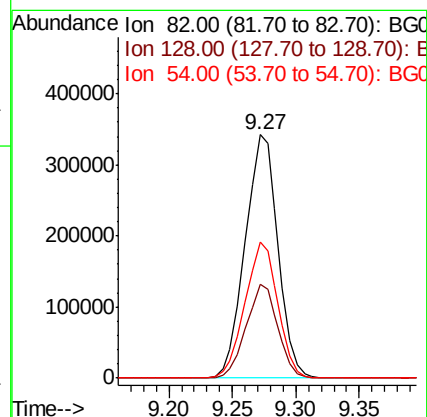
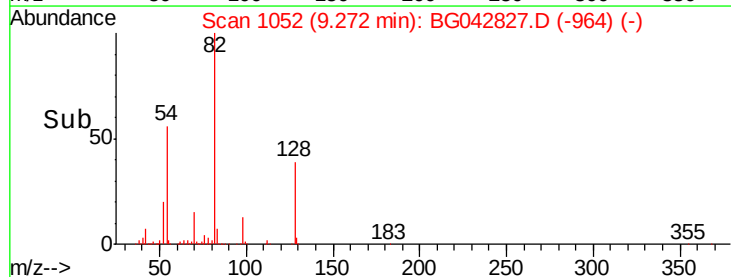
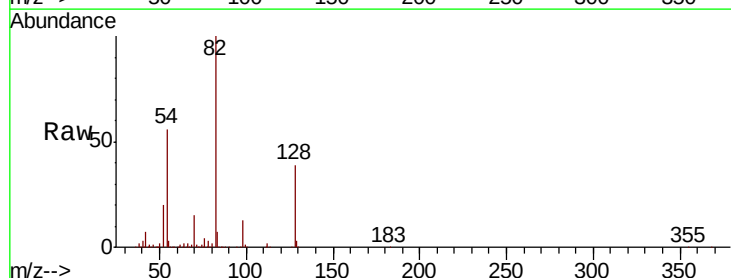
Instrument :
BNA_G
ClientSampleId :
SB-37-COMP

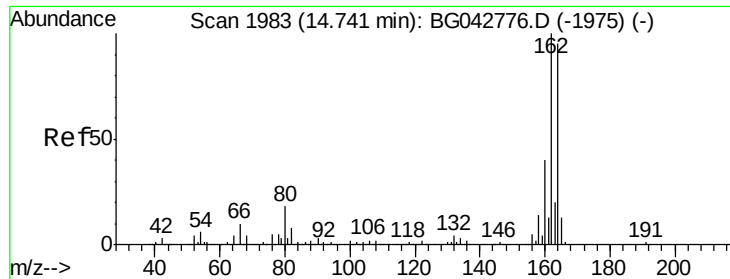
Tot Ion:136	Resp:	395672
Ion	Ratio	Lower Upper
136	100	
137	10.0	9.0 13.6
54	11.9	9.4 14.0
68	6.5	5.4 8.2



#23
Nitrobenzene-d5
Concen: 80.766 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042827.D
Acq: 13 Sep 2019 21:44

Tgt Ion: 82	Resp:	613814
Ion	Ratio	Lower Upper
82	100	
128	38.6	29.8 44.8
54	56.1	46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042827.D

Acq: 13 Sep 2019 21:44

Instrument :

BNA_G

ClientSampleId :

SB-37-COMP

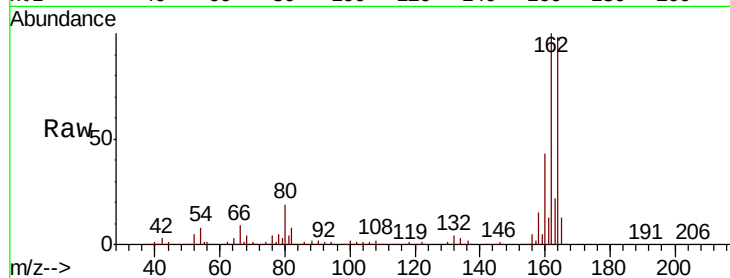
Tot Ion:164 Resp: 271055

Ion Ratio Lower Upper

164 100

162 101.6 84.6 126.8

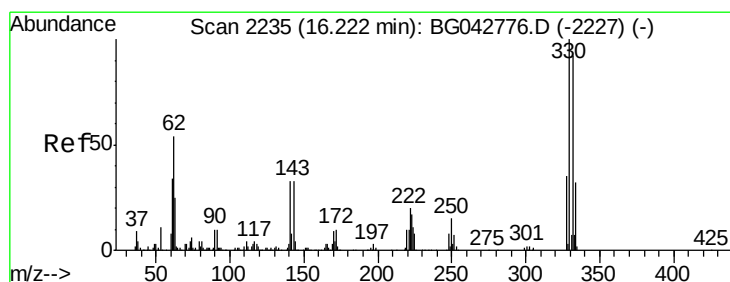
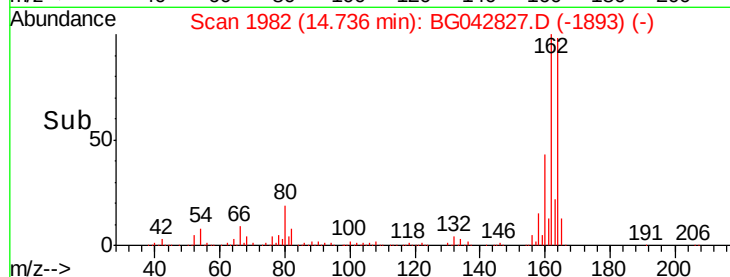
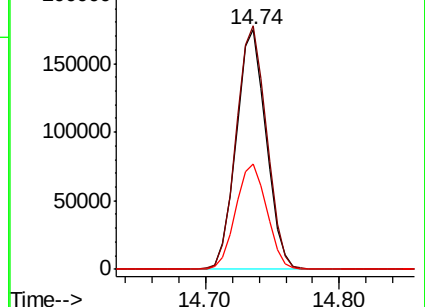
160 44.1 34.2 51.2



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: 115.384 ng

RT: 16.22 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BG042827.D

Acq: 13 Sep 2019 21:44

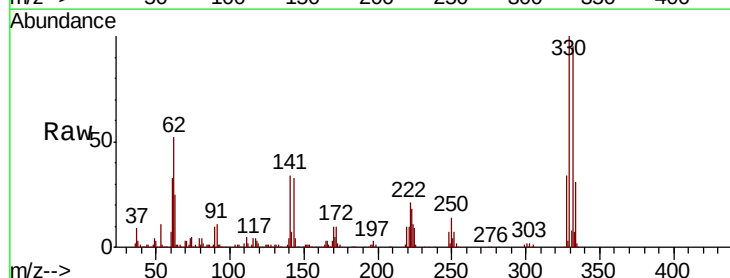
Tgt Ion:330 Resp: 416094

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

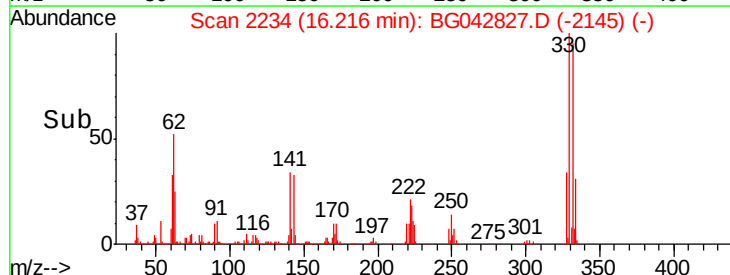
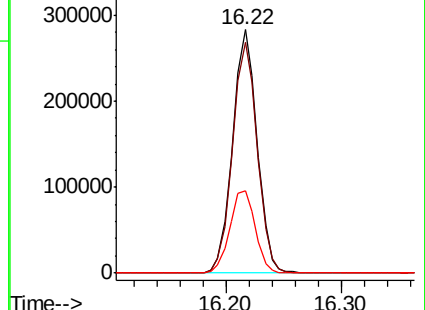
141 35.2 27.0 40.6

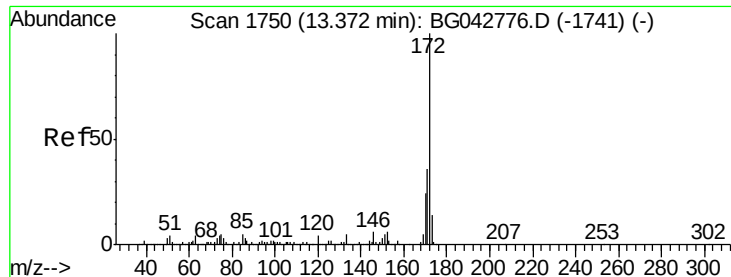


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

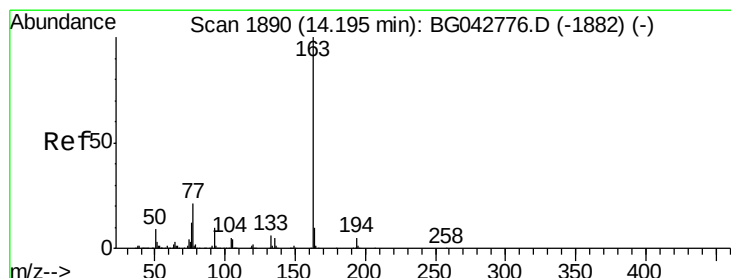
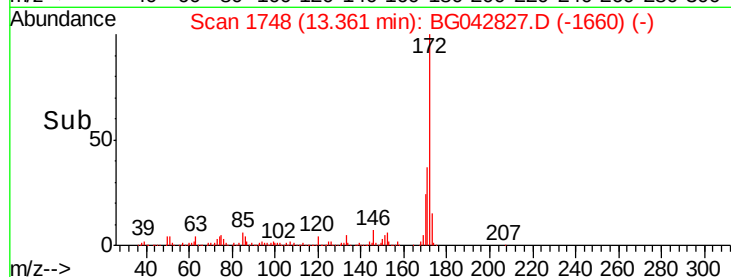
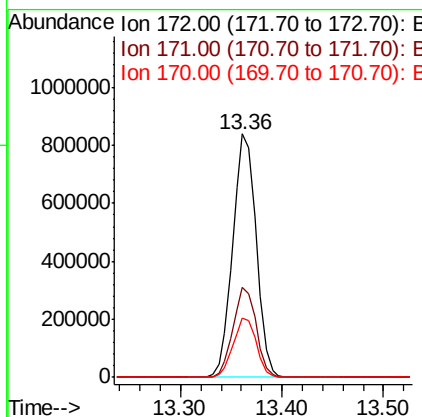
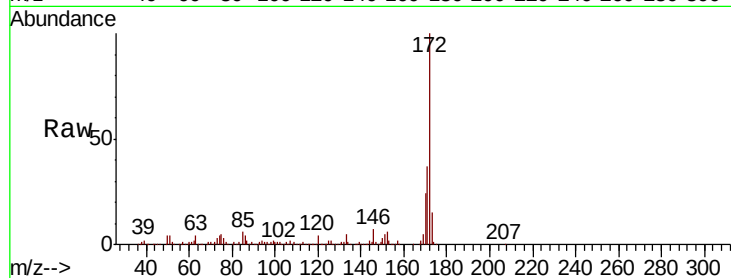




#45
2-Fluorobiphenyl
Concen: 78.760 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG042827.D
Acq: 13 Sep 2019 21:44

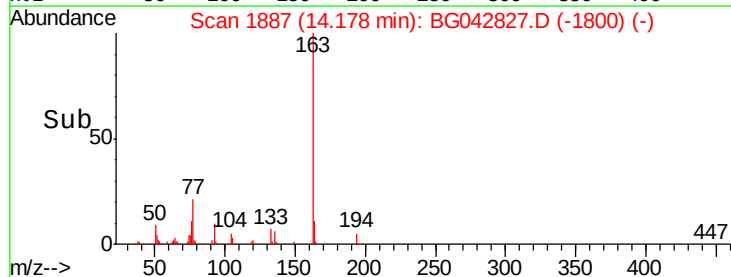
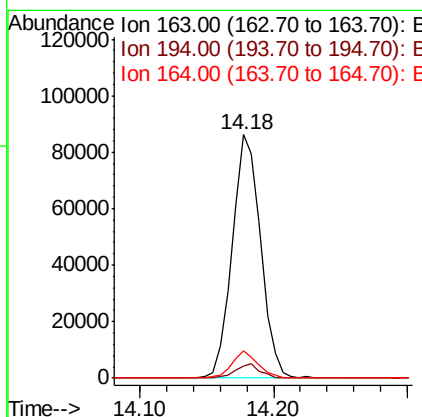
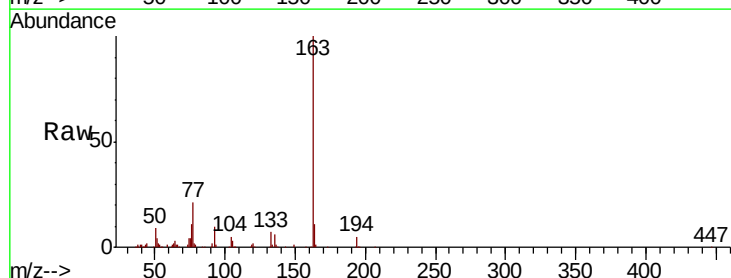
Instrument :
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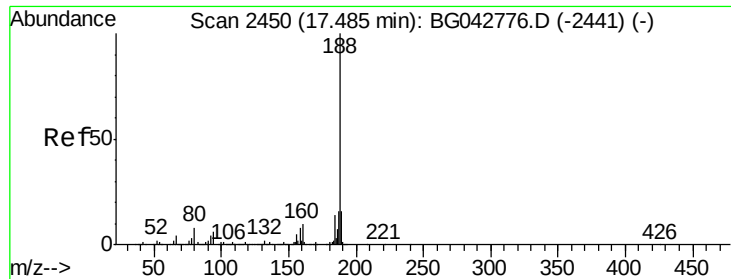
Tot Ion:172 Resp: 1348659
Ion Ratio Lower Upper
172 100
171 37.2 28.9 43.3
170 24.3 19.1 28.7



#50
Dimethylphthalate
Concen: 6.272 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BG042827.D
Acq: 13 Sep 2019 21:44

Tgt Ion:163 Resp: 127346
Ion Ratio Lower Upper
163 100
194 5.1 4.2 6.4
164 11.4 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG042827.D

Acq: 13 Sep 2019 21:44

Instrument :

BNA_G

ClientSampleId :

SB-37-COMP

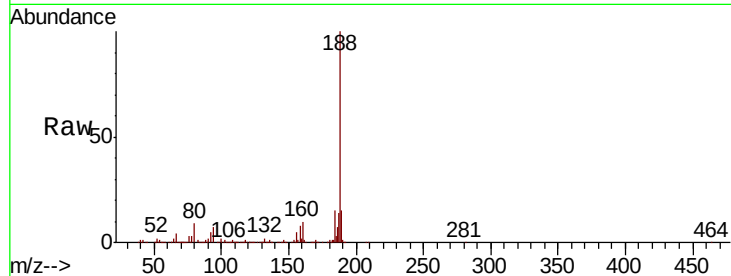
Tot Ion:188 Resp: 593035

Ion Ratio Lower Upper

188 100

94 7.2 4.8 7.2#

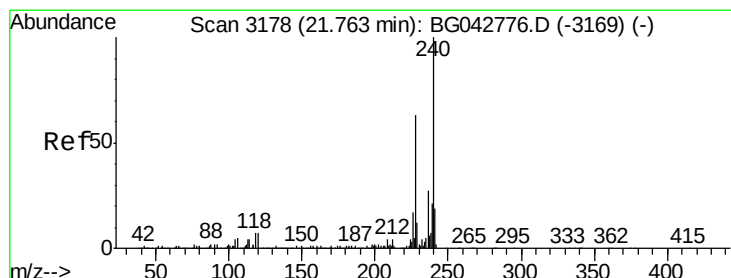
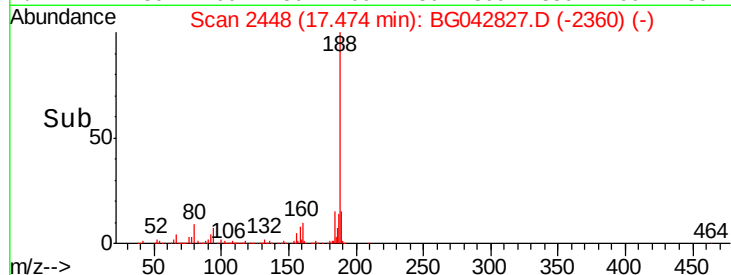
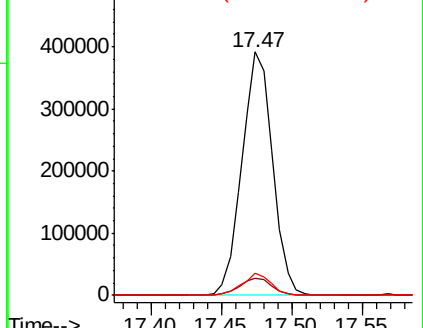
80 9.2 6.6 9.8



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: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042827.D

Acq: 13 Sep 2019 21:44

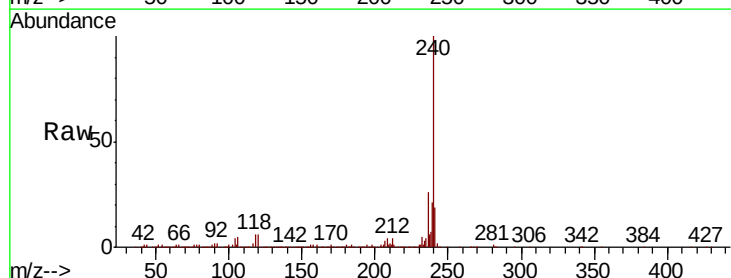
Tgt Ion:240 Resp: 570586

Ion Ratio Lower Upper

240 100

120 5.7 5.4 8.2

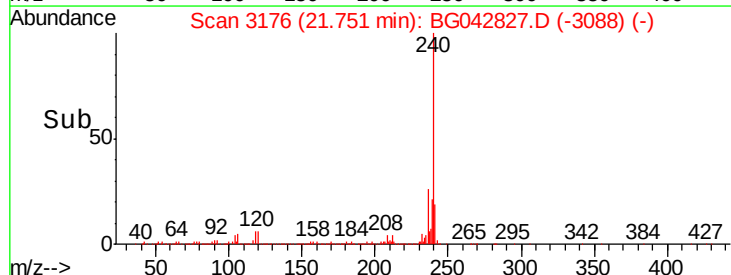
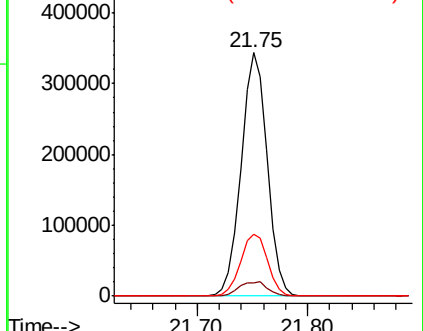
236 25.5 21.7 32.5

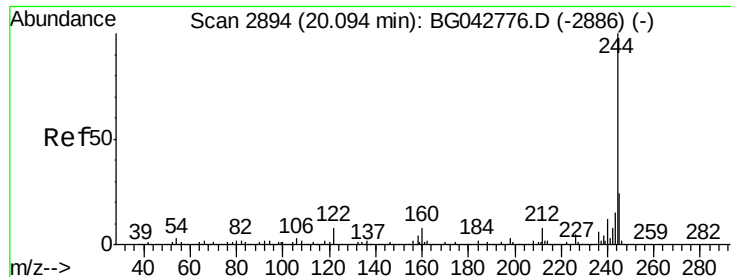


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.301 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042827.D

Acq: 13 Sep 2019 21:44

Instrument :

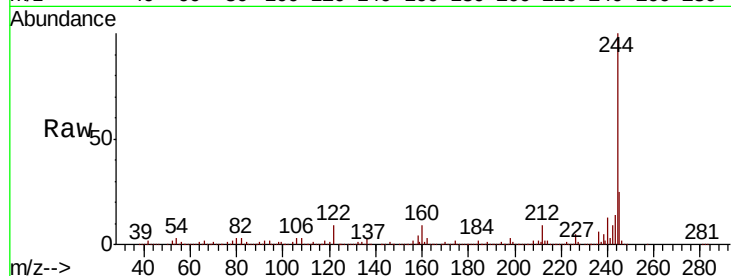
BNA_G

ClientSampleId :

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Tot Ion:244 Resp: 2015879

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.6	10.0
122	9.1	6.2	9.4

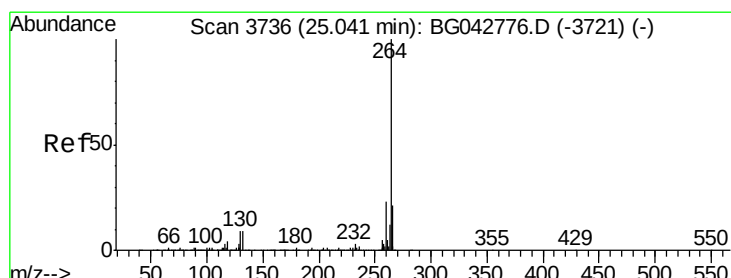
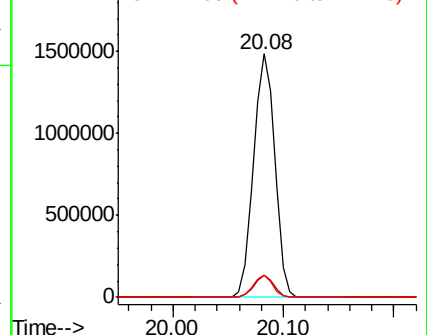
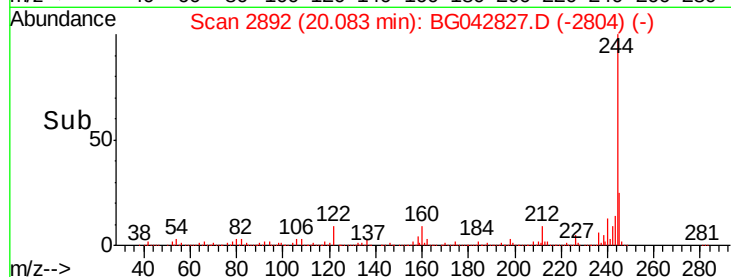


Abundance

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: 25.02 min Scan# 3733

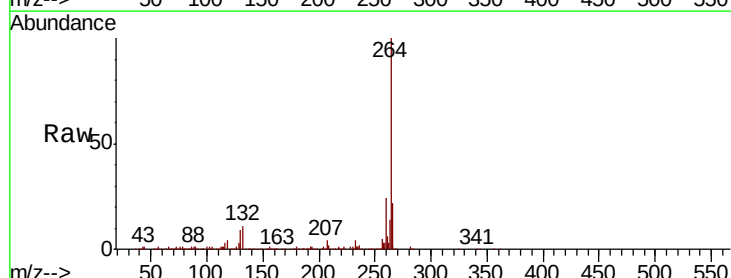
Delta R.T. -0.02 min

Lab File: BG042827.D

Acq: 13 Sep 2019 21:44

Tgt Ion:264 Resp: 619669

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	21.9	16.9	25.3



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

