

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
 Data File : BG042819.D
 Acq On : 13 Sep 2019 16:39
 Operator : HP/JU
 Sample : K4826-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-20

Quant Time: Sep 13 23:03:43 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

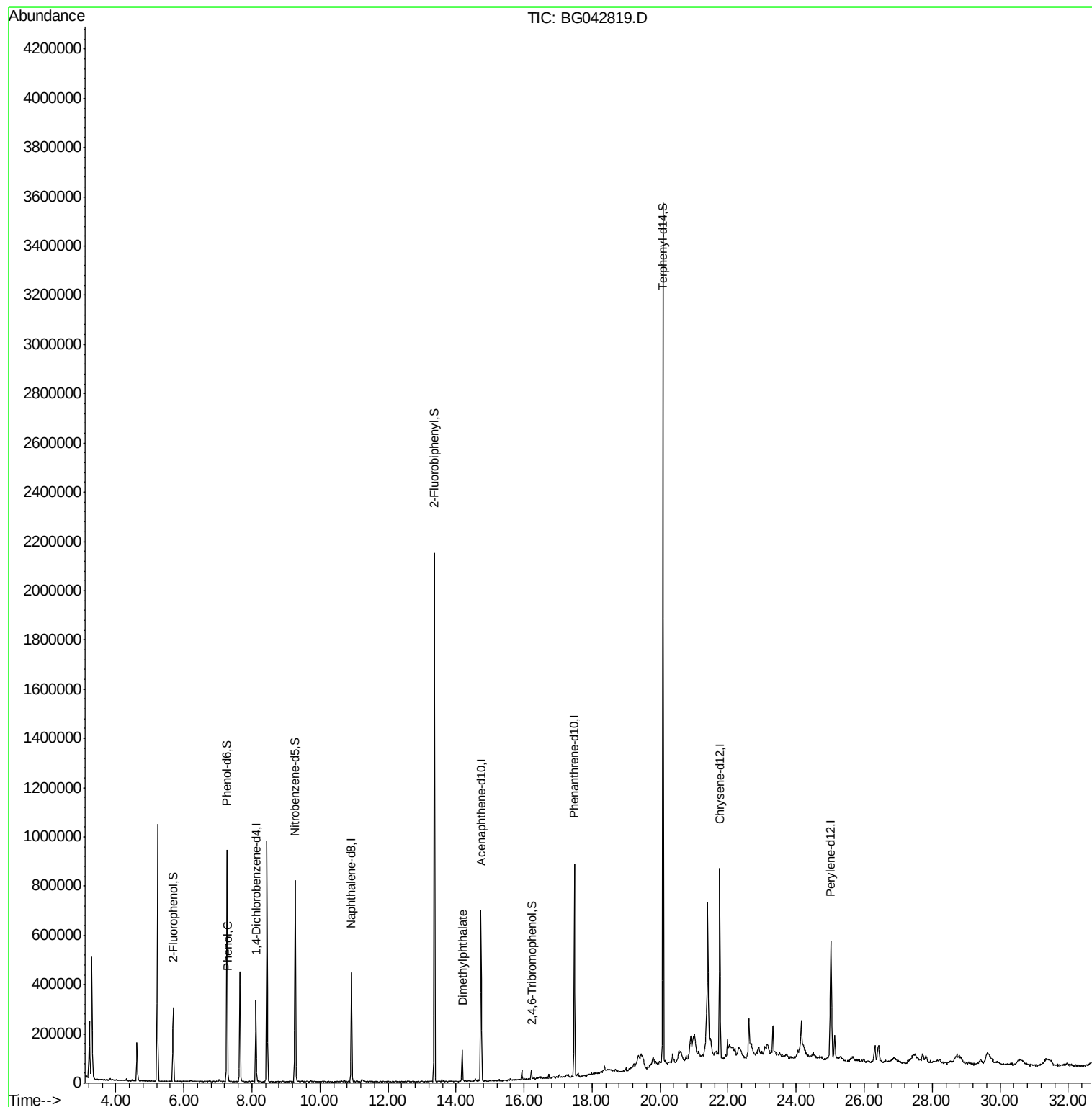
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	92608	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	364721	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	247091	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	530740	20.00	ng	0.00
76) Chrysene-d12	21.75	240	479856	20.00	ng	-0.01
87) Perylene-d12	25.02	264	539778	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	123562	23.20	ng	0.00
7) Phenol-d6	7.27	99	512771	67.07	ng	0.00
23) Nitrobenzene-d5	9.27	82	515263	73.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	7037	2.14	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1136144	72.78	ng	0.00
79) Terphenyl-d14	20.08	244	1658749	76.61	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	19536	2.492	ng	88
50) Dimethylphthalate	14.18	163	79378	4.288	ng	100

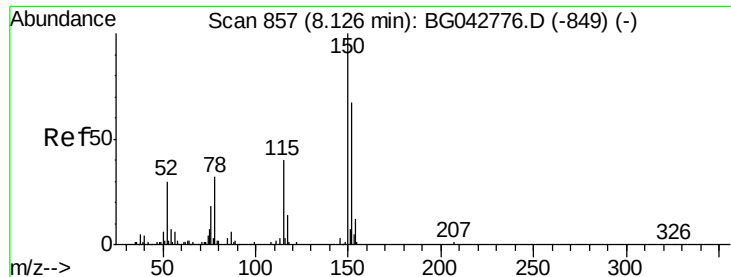
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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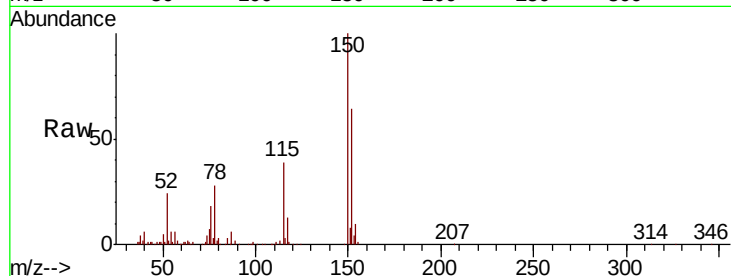


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042819.D
Acq: 13 Sep 2019 16:39

Instrument :
BNA_G
ClientSampled :
RO-20

Tot Ion	152	Resp	92608
Ion	Ratio	Lower	Upper
152	100		
150	157.3	118.9	178.3
115	61.7	47.4	71.2

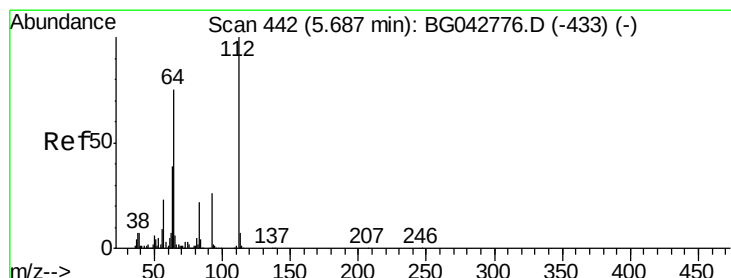
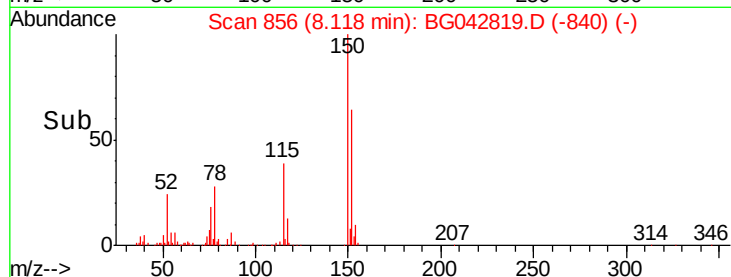
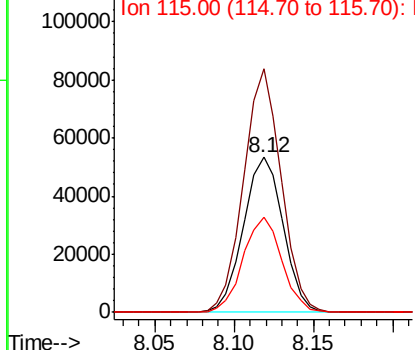


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

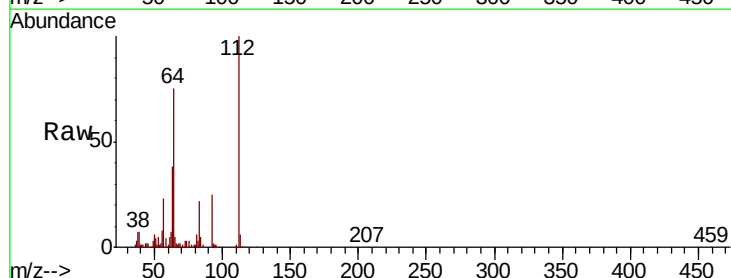
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 23.197 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.00 min
Lab File: BG042819.D
Acq: 13 Sep 2019 16:39

Tgt Ion	112	Resp	123562
Ion	Ratio	Lower	Upper
112	100		
64	75.4	60.2	90.2
63	37.6	31.2	46.8

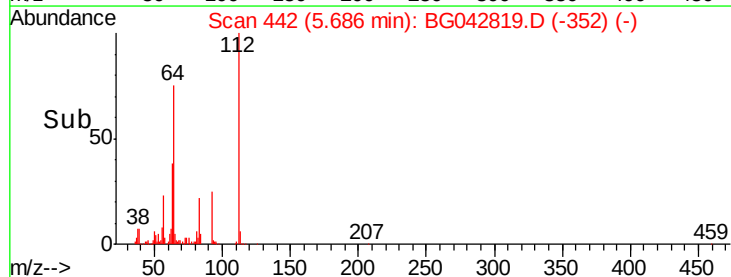
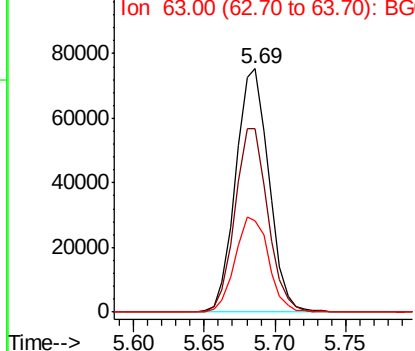


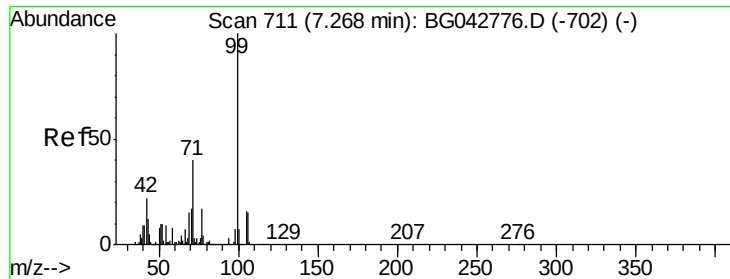
Abundance

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: 67.067 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042819.D

Acq: 13 Sep 2019 16:39

Instrument :

BNA_G

ClientSampleId :

RO-20

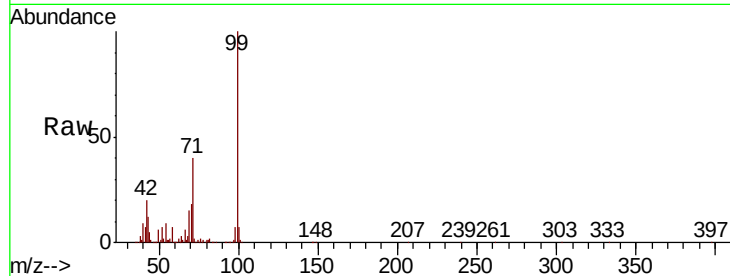
Tot Ion: 99 Resp: 512771

Ion Ratio Lower Upper

99 100

42 20.3 17.5 26.3

71 39.7 32.0 48.0

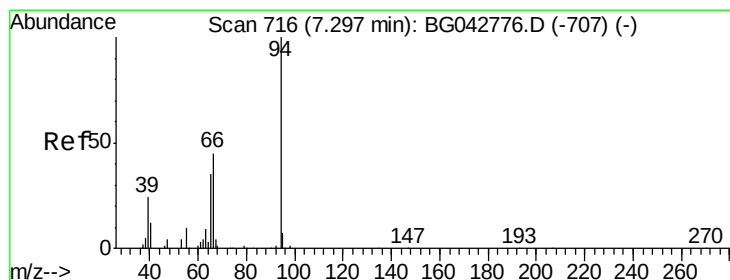
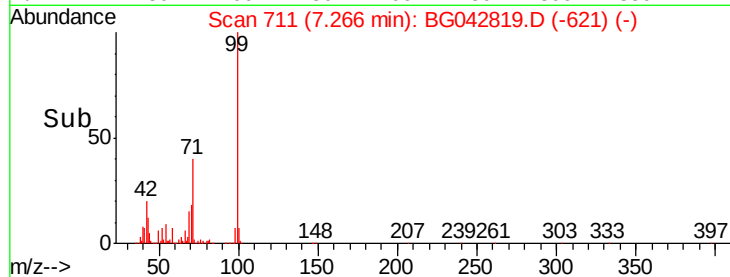
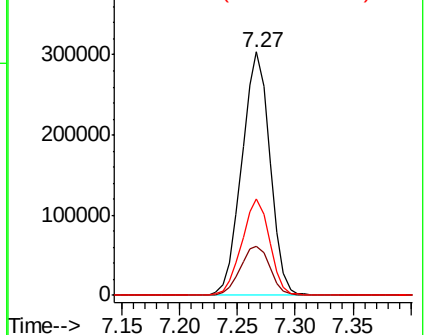


Abundance

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: 2.492 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG042819.D

Acq: 13 Sep 2019 16:39

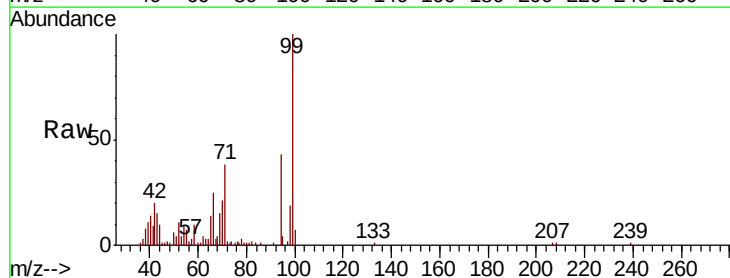
Tgt Ion: 94 Resp: 19536

Ion Ratio Lower Upper

94 100

65 33.4 15.0 55.0

66 58.7 26.1 66.1

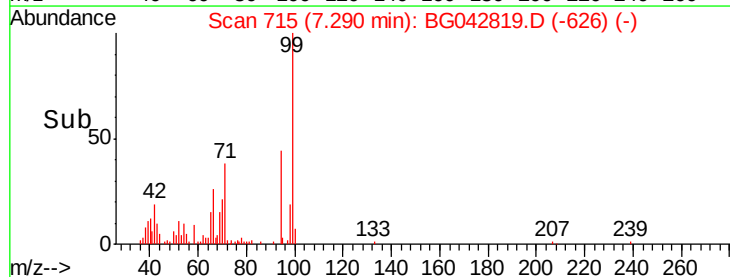
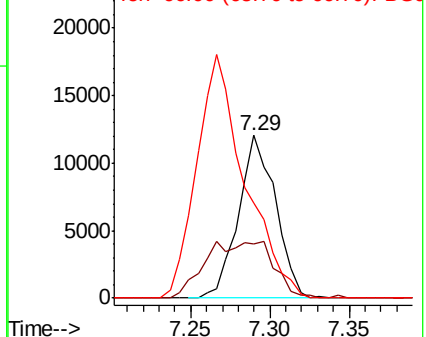


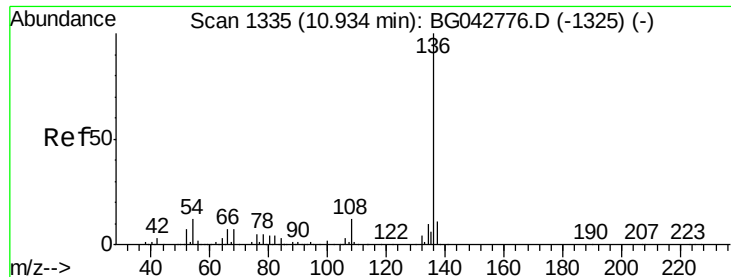
Abundance

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

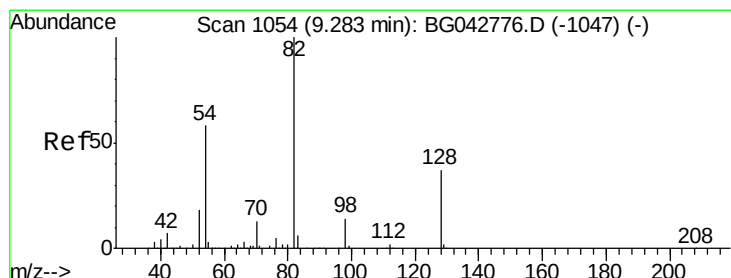
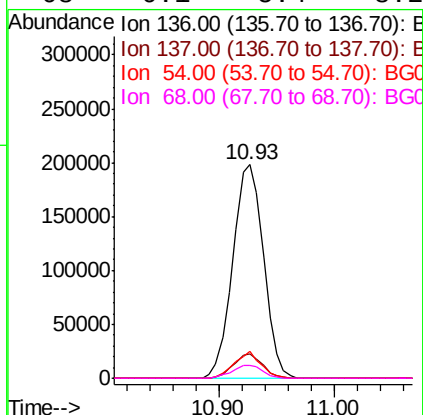
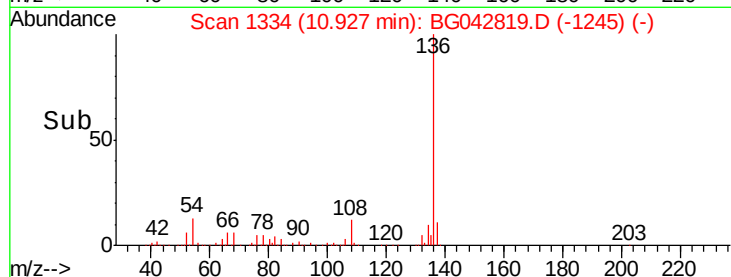
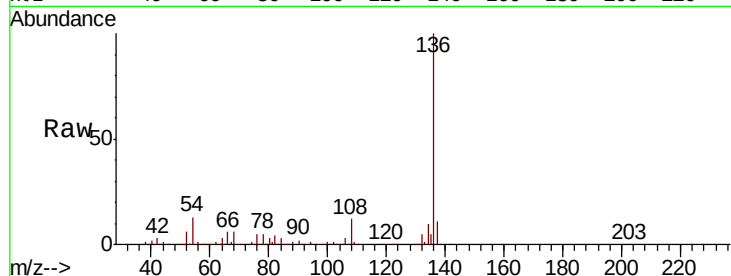




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042819.D
Acq: 13 Sep 2019 16:39

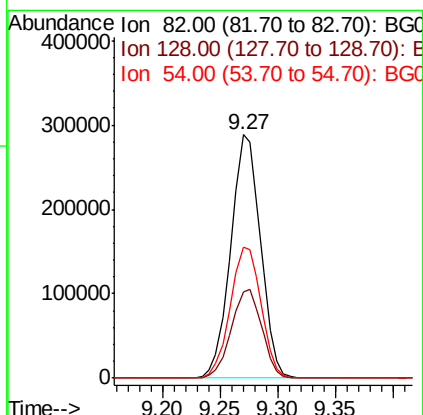
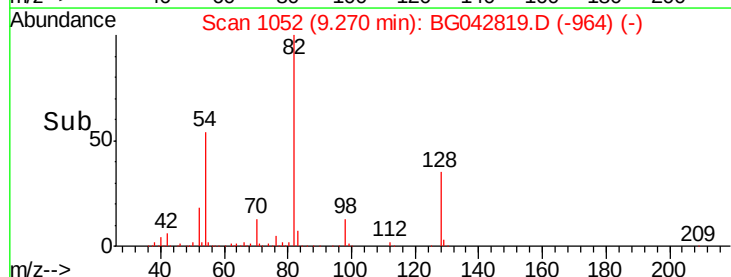
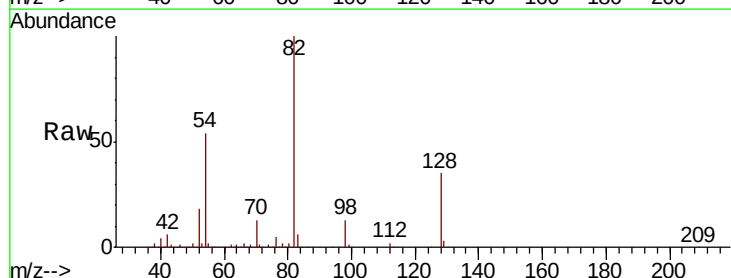
Instrument :
BNA_G
ClientSampleId :
RO-20

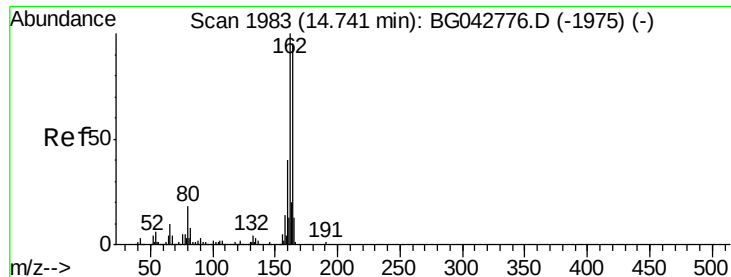
Tot Ion:136	Resp:	364721
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.6
54	12.5	9.4 14.0
68	6.1	5.4 8.2



#23
Nitrobenzene-d5
Concen: 73.552 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042819.D
Acq: 13 Sep 2019 16:39

Tgt Ion: 82	Resp:	515263
Ion	Ratio	Lower Upper
82	100	
128	35.1	29.8 44.8
54	53.7	46.1 69.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042819.D

Acq: 13 Sep 2019 16:39

Instrument :

BNA_G

ClientSampleId :

RO-20

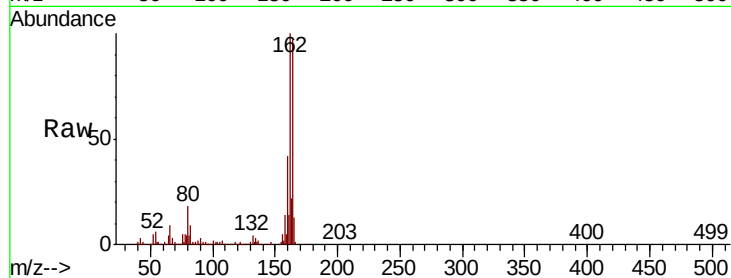
Tot Ion:164 Resp: 247091

Ion Ratio Lower Upper

164 100

162 103.4 84.6 126.8

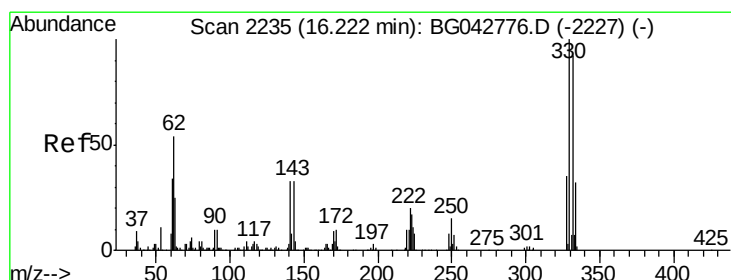
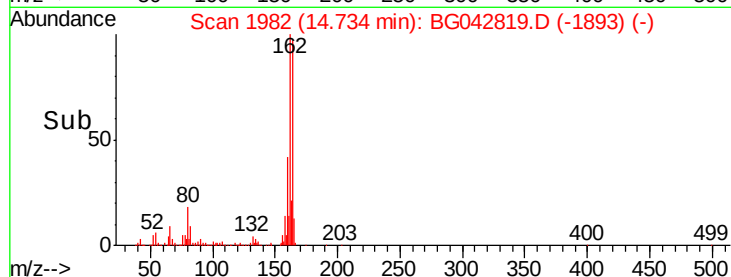
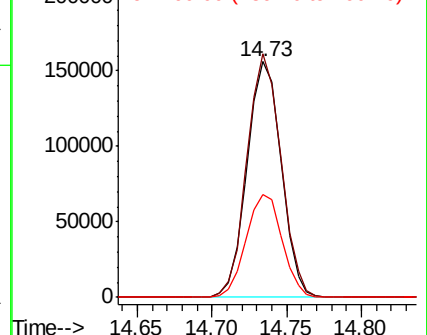
160 43.6 34.2 51.2



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: 2.141 ng

RT: 16.21 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BG042819.D

Acq: 13 Sep 2019 16:39

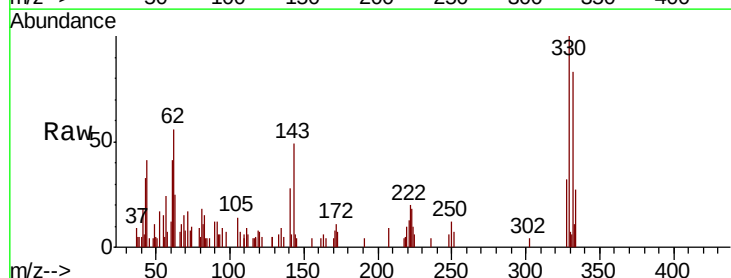
Tgt Ion:330 Resp: 7037

Ion Ratio Lower Upper

330 100

332 95.3 76.7 115.1

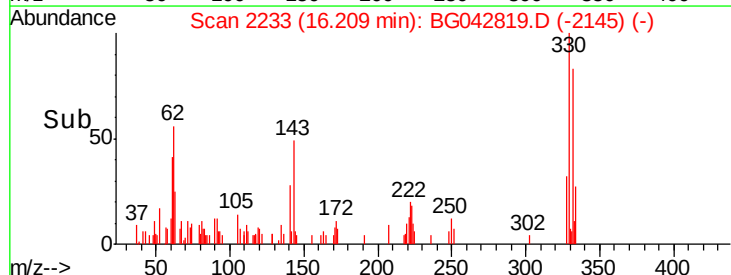
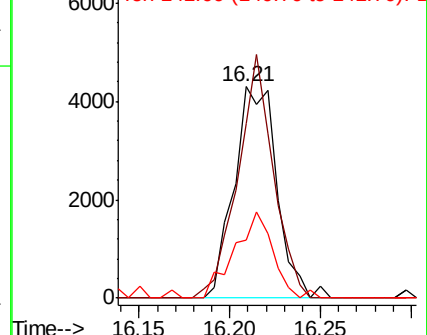
141 36.9 27.0 40.6

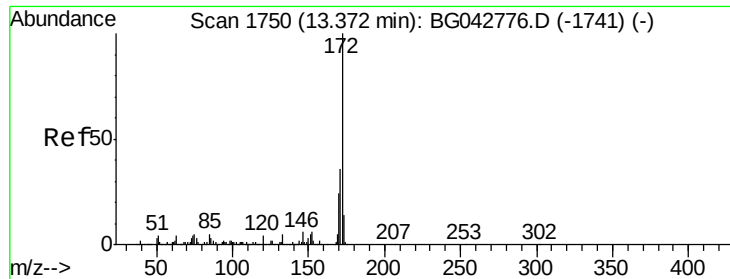


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



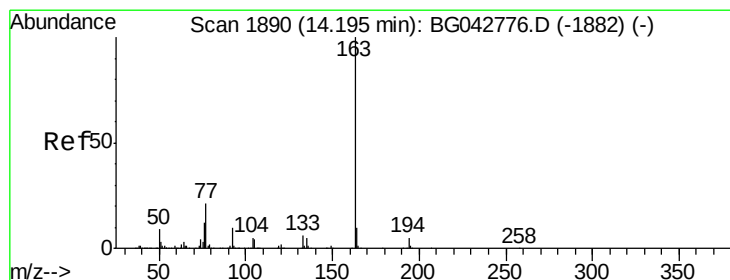
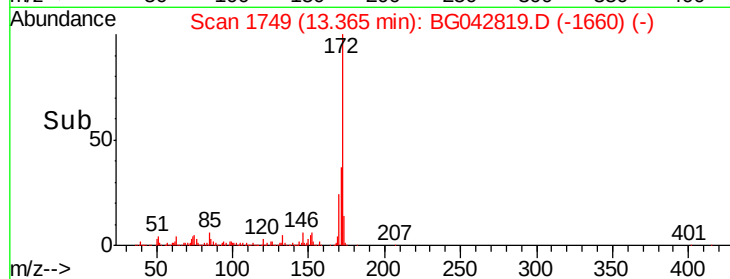
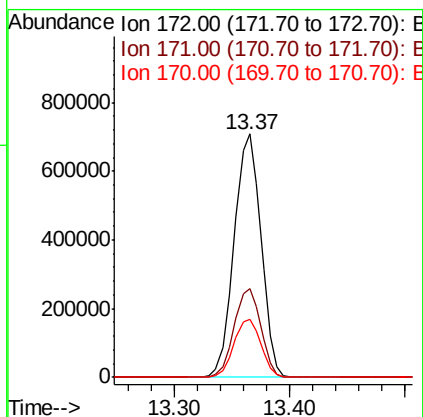
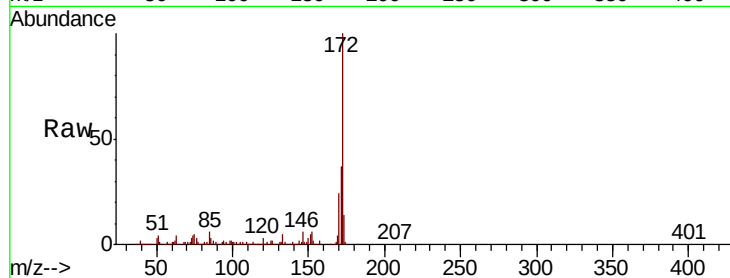


#45
 2-Fluorobiphenyl
 Concen: 72.785 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG042819.D
 Acq: 13 Sep 2019 16:39

Instrument :
 BNA_G
 ClientSampleId :
 RO-20

Tot Ion:172 Resp: 1136144

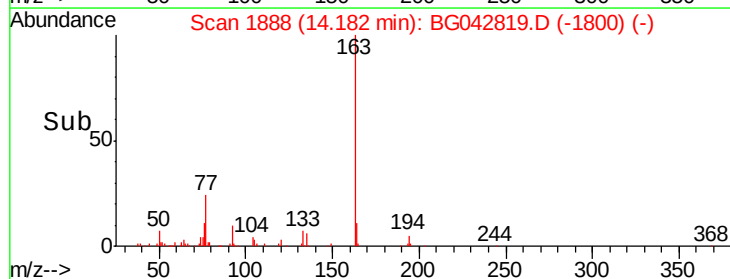
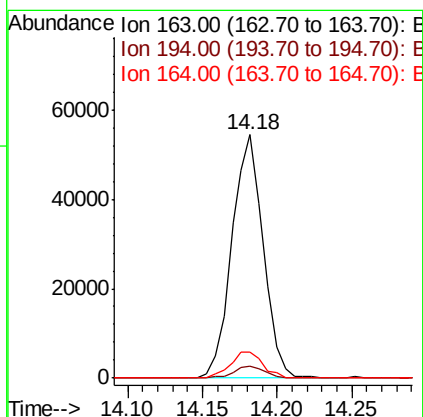
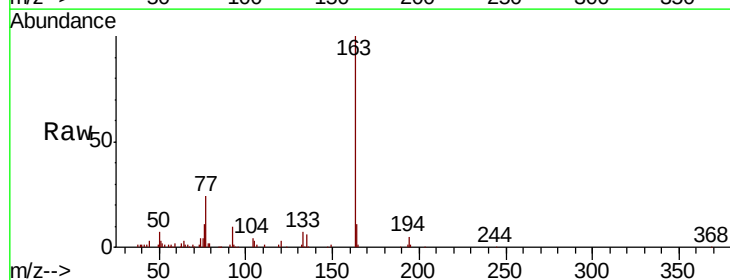
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	23.7	19.1	28.7

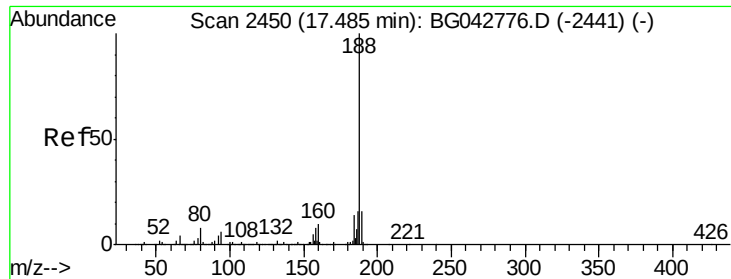


#50
 Dimethylphthalate
 Concen: 4.288 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: BG042819.D
 Acq: 13 Sep 2019 16:39

Tgt Ion:163 Resp: 79378

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.4
164	10.5	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042819.D

Acq: 13 Sep 2019 16:39

Instrument :

BNA_G

ClientSampleId :

RO-20

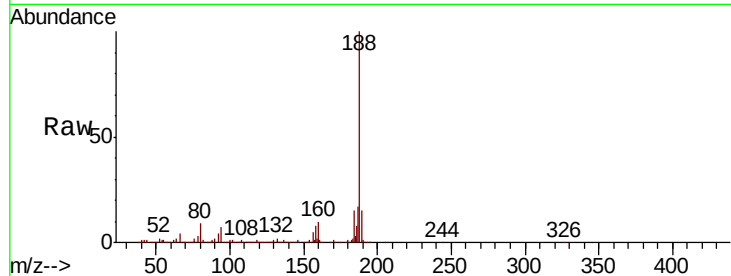
Tot Ion:188 Resp: 530740

Ion Ratio Lower Upper

188 100

94 6.6 4.8 7.2

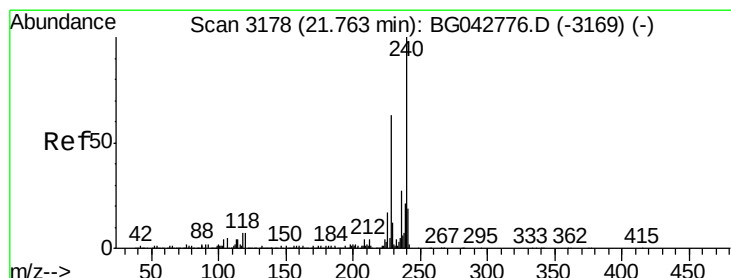
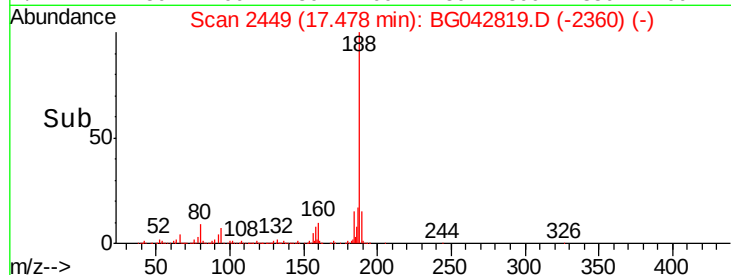
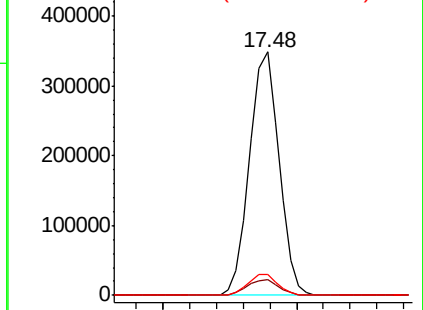
80 8.6 6.6 9.8



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: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042819.D

Acq: 13 Sep 2019 16:39

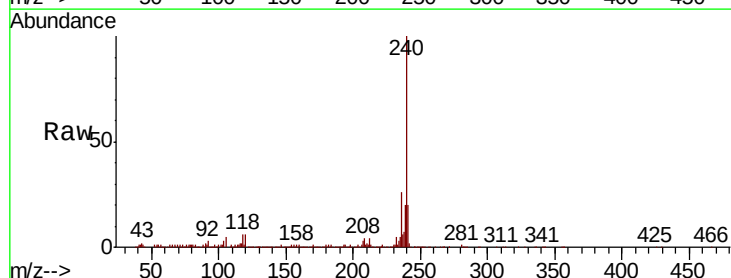
Tgt Ion:240 Resp: 479856

Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.2

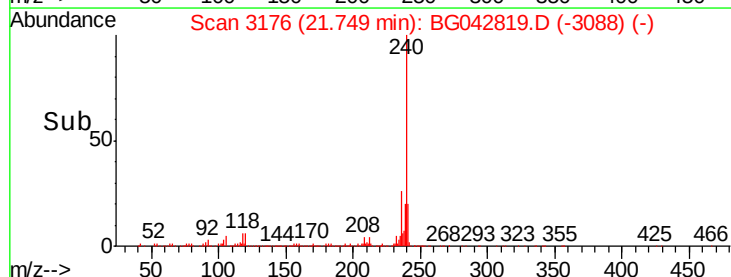
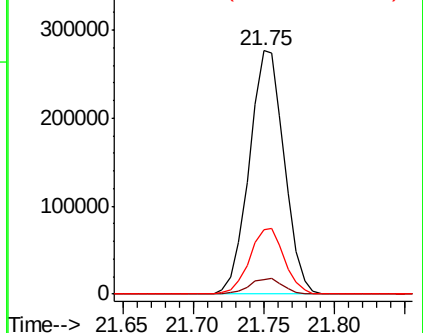
236 26.3 21.7 32.5

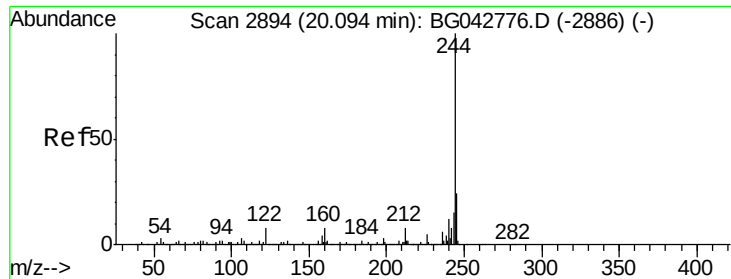


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.612 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG042819.D

Acq: 13 Sep 2019 16:39

Instrument :

BNA_G

ClientSampleId :

RO-20

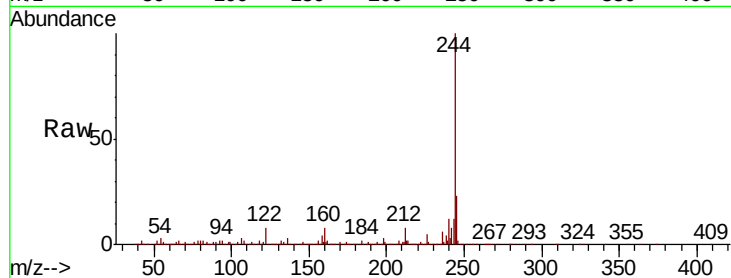
Tot Ion:244 Resp: 1658749

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

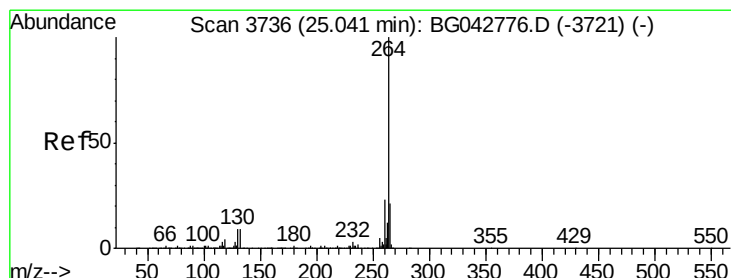
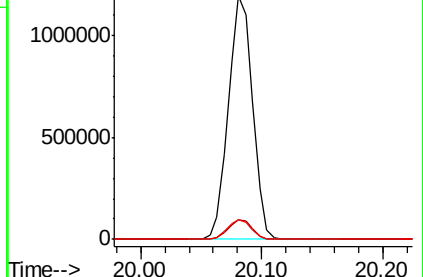
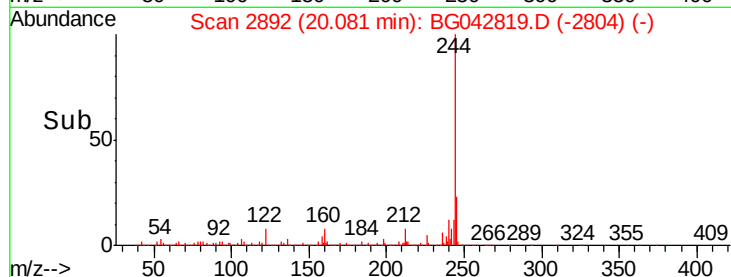
122 8.0 6.2 9.4



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: BG042819.D

Acq: 13 Sep 2019 16:39

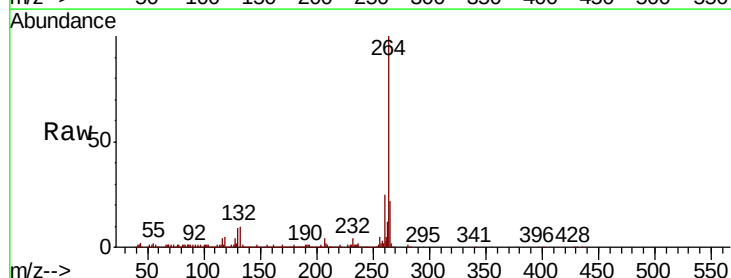
Tgt Ion:264 Resp: 539778

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.2

265 22.2 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

