

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043456.D
 Acq On : 1 Nov 2019 6:44
 Operator : JU
 Sample : PB124468TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124468TB

Quant Time: Nov 01 08:17:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

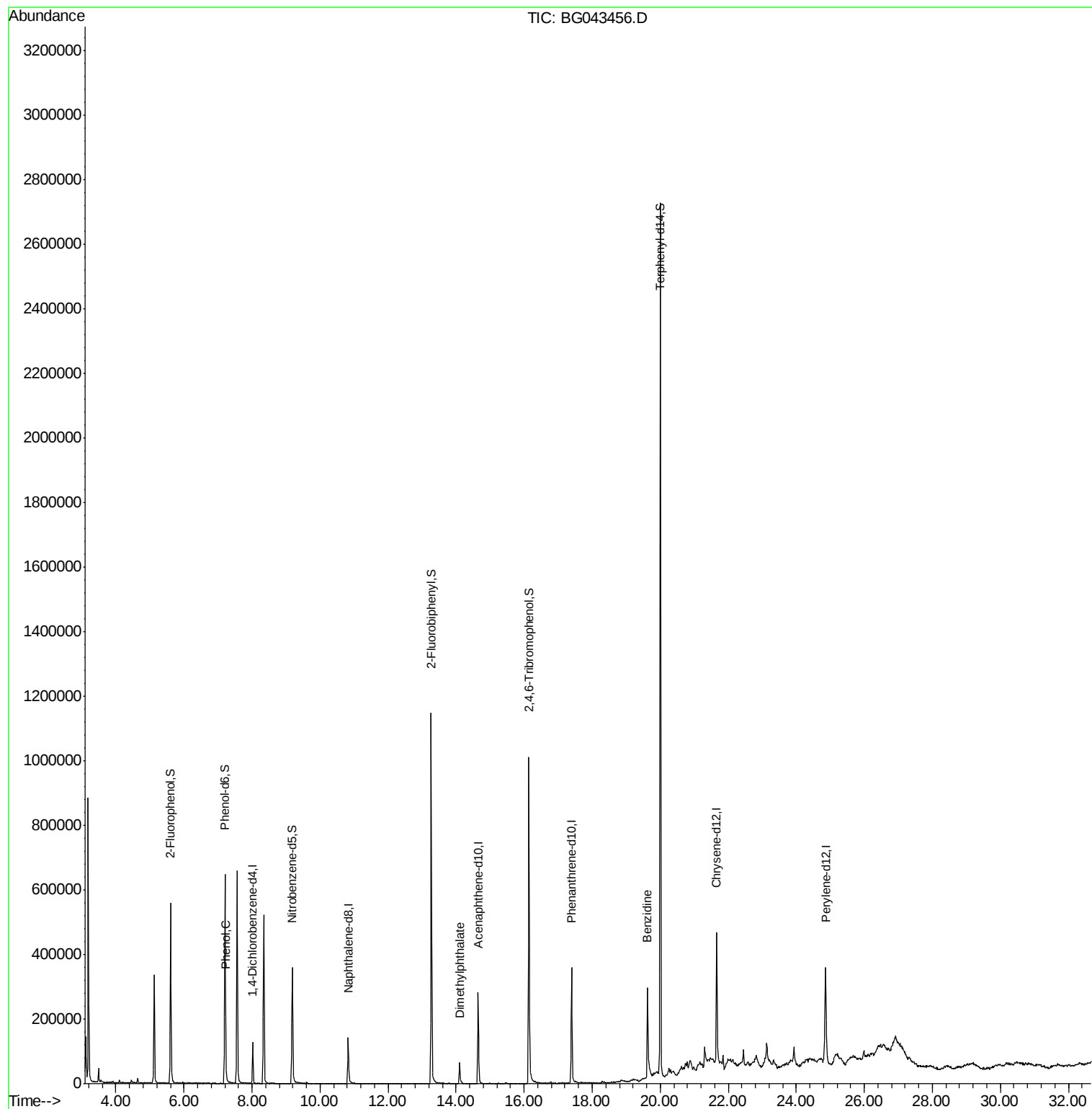
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39888	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	146048	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	111607	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	270353	20.00	ng	0.00
76) Chrysene-d12	21.66	240	276925	20.00	ng	0.00
87) Perylene-d12	24.86	264	325703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	263633	121.11	ng	0.00
7) Phenol-d6	7.21	99	396513	126.61	ng	0.00
23) Nitrobenzene-d5	9.18	82	256430	90.52	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	268744	126.53	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	691306	85.59	ng	0.00
79) Terphenyl-d14	20.00	244	1373078	93.02	ng	0.00
Target Compounds						
10) Phenol	7.23	94	6066	2.120	ng	Qvalue # 32
50) Dimethylphthalate	14.10	163	63940	7.396	ng	97
77) Benzidine	19.63	184	242551	43.521	ng	99

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

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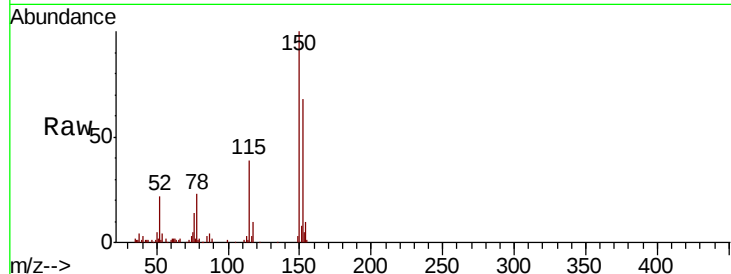


#1

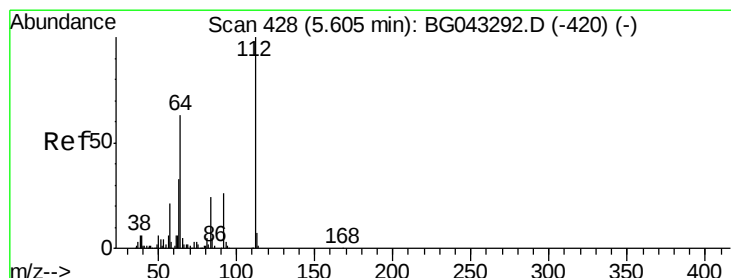
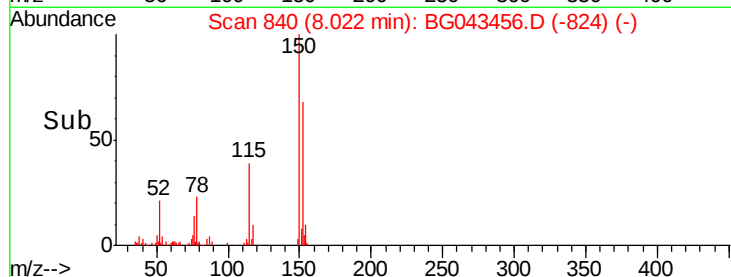
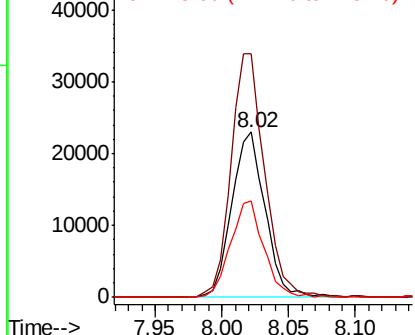
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Instrument :
BNA_G
ClientSampleId :
PB124468TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	113.6	170.4
115	58.1	45.9	68.9



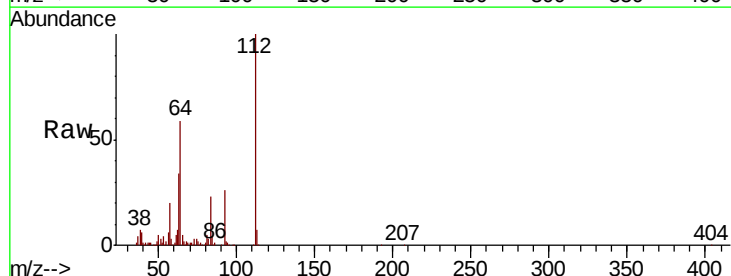
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



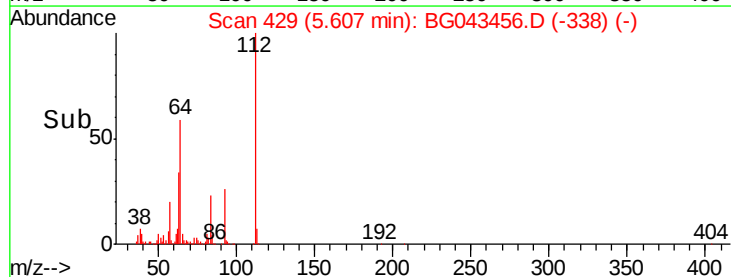
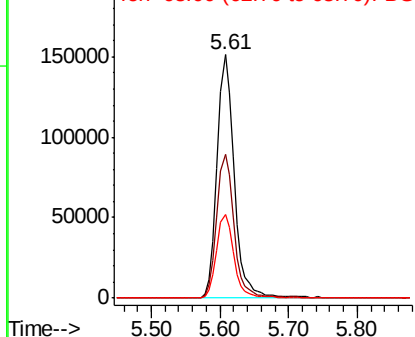
#5

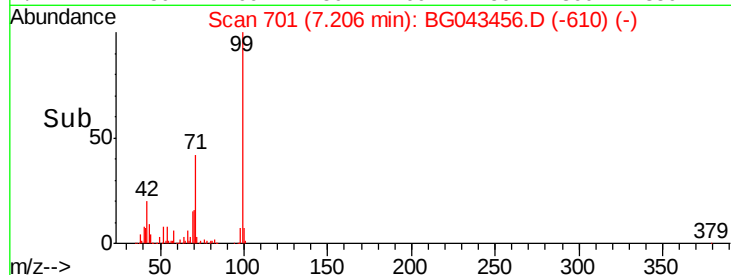
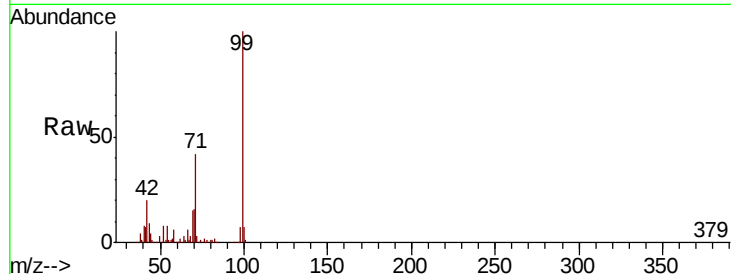
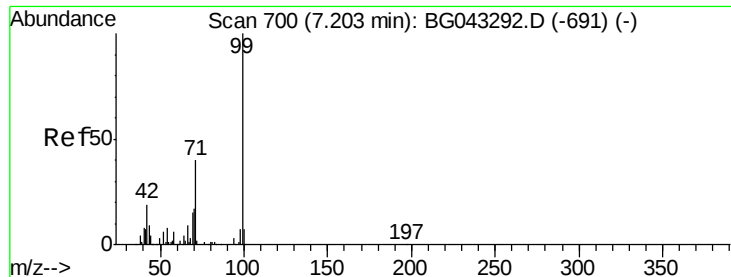
2-Fluorophenol
Concen: 121.113 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	50.2	75.2
63	34.2	26.7	40.1



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: 126.607 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG043456.D

Acq: 1 Nov 2019 6:44

Instrument :

BNA_G

ClientSampleId :

PB124468TB

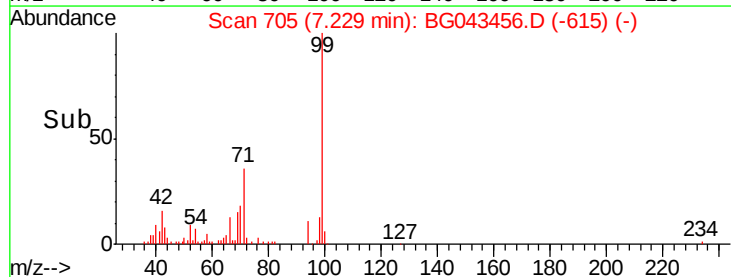
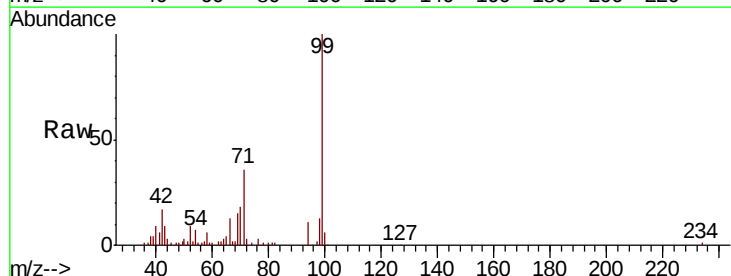
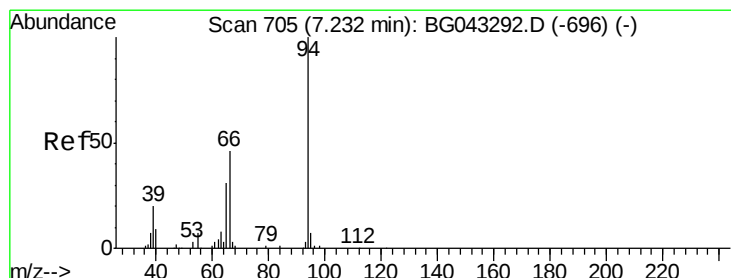
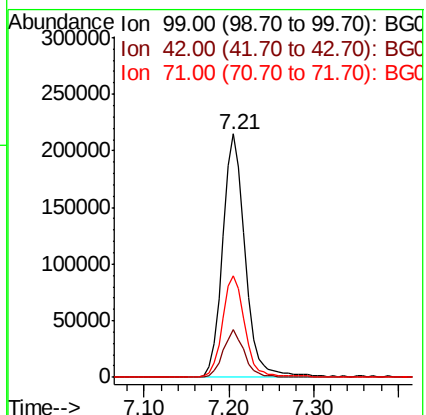
Tot Ion: 99 Resp: 396513

Ion Ratio Lower Upper

99 100

42 19.8 14.9 22.3

71 41.9 32.2 48.2



#10

Phenol

Concen: 2.120 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043456.D

Acq: 1 Nov 2019 6:44

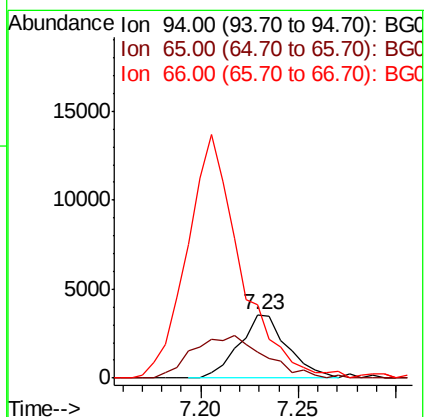
Tgt Ion: 94 Resp: 6066

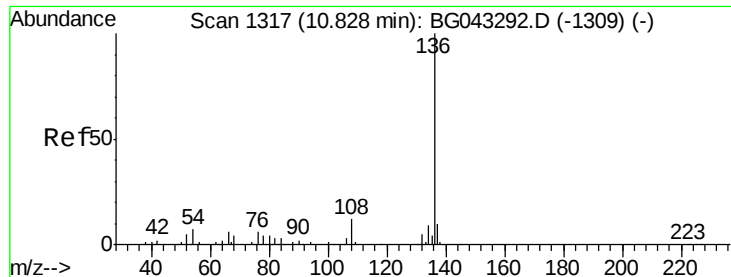
Ion Ratio Lower Upper

94 100

65 40.4 11.1 51.1

66 115.8 27.8 67.8#

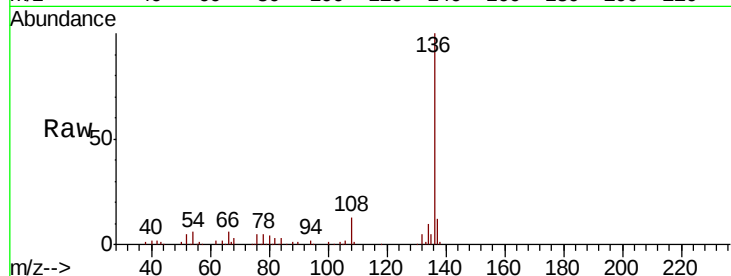




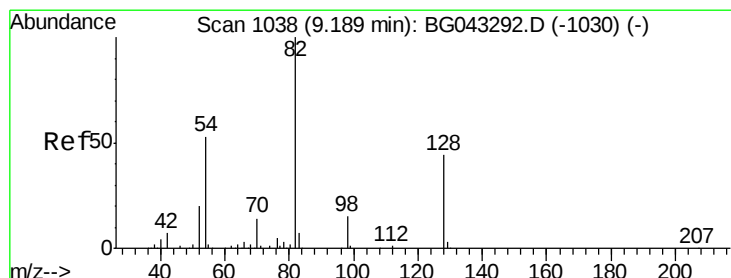
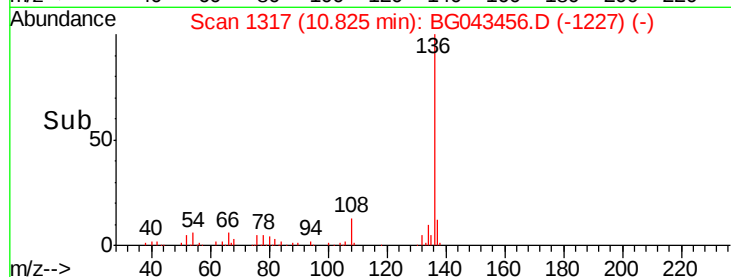
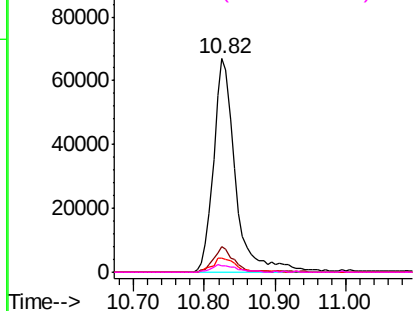
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Instrument :
BNA_G
ClientSampleId :
PB124468TB

Tot Ion:136	Resp:	146048
Ion Ratio	Lower	Upper
136 100		
137 12.0	8.2	12.2
54 6.3	5.4	8.2
68 3.3	3.3	4.9

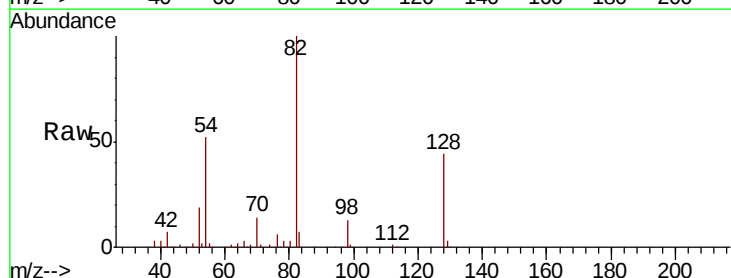


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

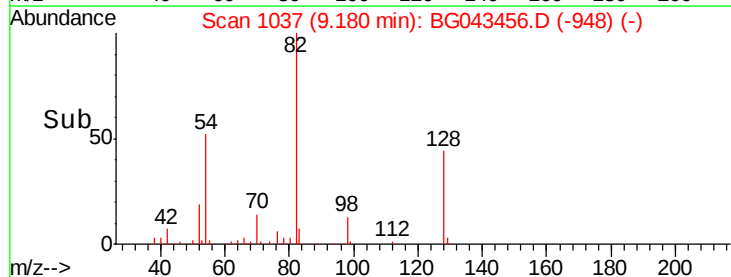
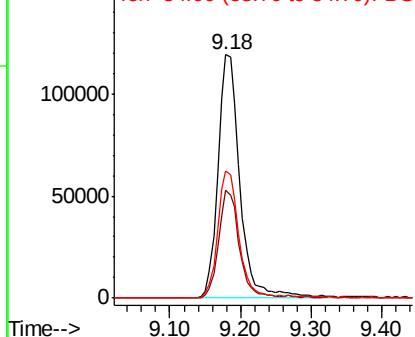


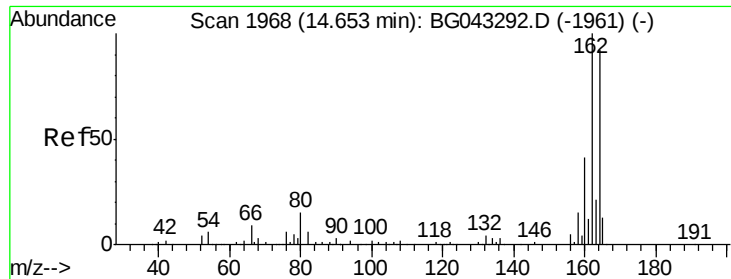
#23
Nitrobenzene-d5
Concen: 90.519 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Tgt Ion: 82	Resp: 256430
Ion Ratio	Lower Upper
82 100	
128 44.4	35.3 52.9
54 52.2	42.3 63.5



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: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043456.D

Acq: 1 Nov 2019 6:44

Instrument :

BNA_G

ClientSampleId :

PB124468TB

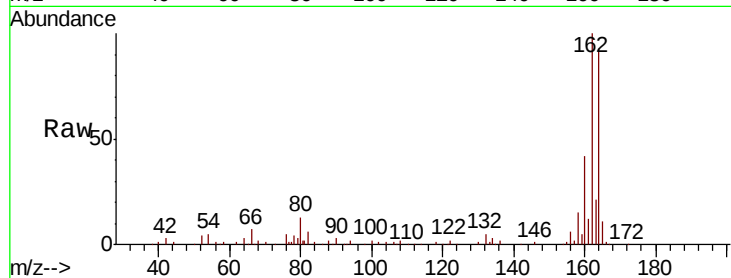
Tot Ion:164 Resp: 111607

Ion Ratio Lower Upper

164 100

162 107.1 87.0 130.4

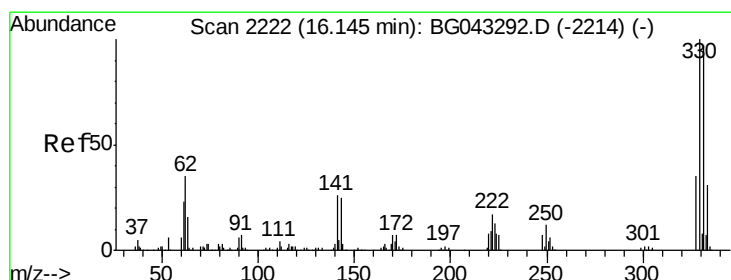
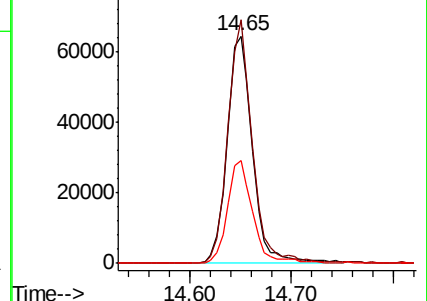
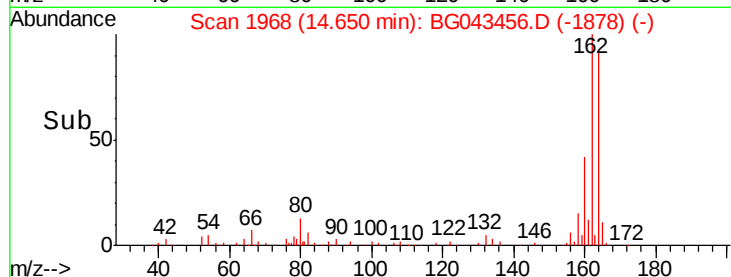
160 45.1 35.5 53.3



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: 126.534 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043456.D

Acq: 1 Nov 2019 6:44

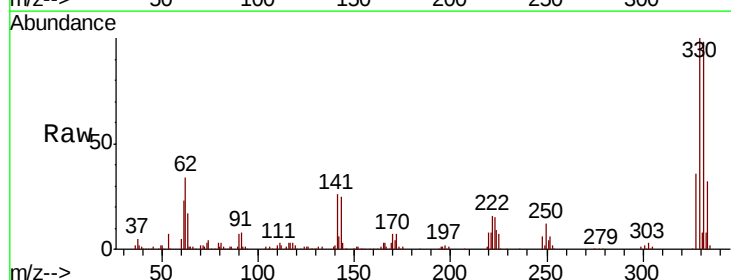
Tgt Ion:330 Resp: 268744

Ion Ratio Lower Upper

330 100

332 98.4 76.4 114.6

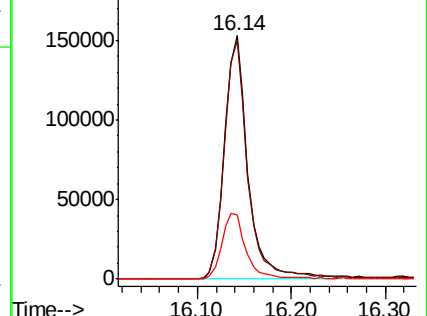
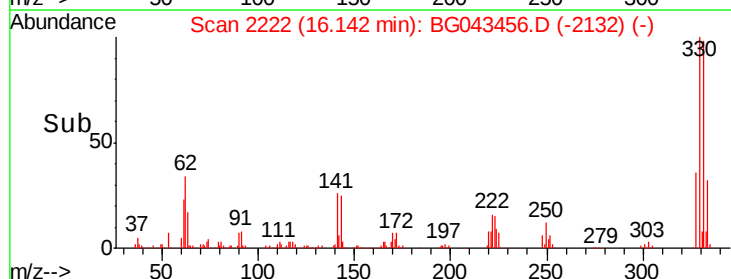
141 27.9 21.4 32.0



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

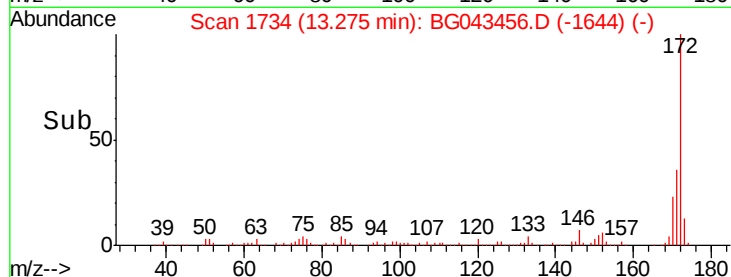
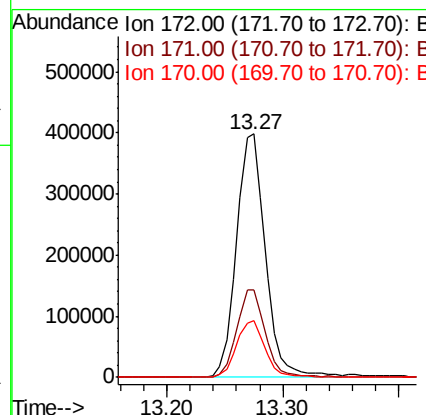
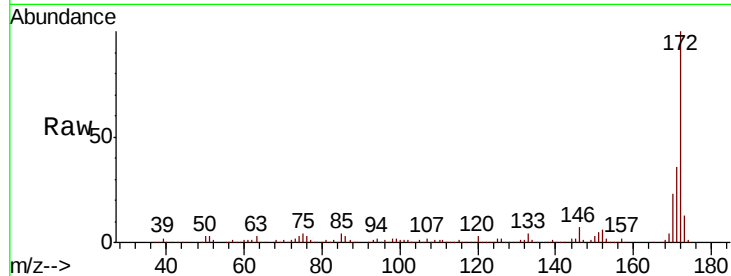




#45
2-Fluorobiphenyl
Concen: 85.590 ng
RT: 13.27 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

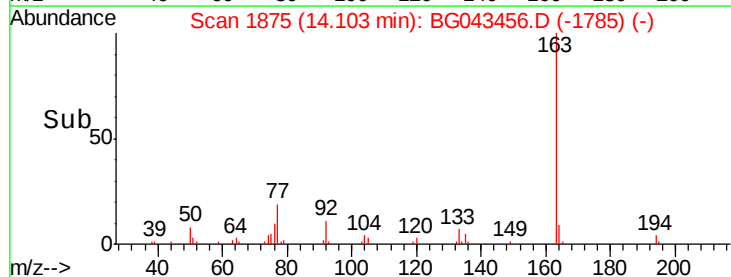
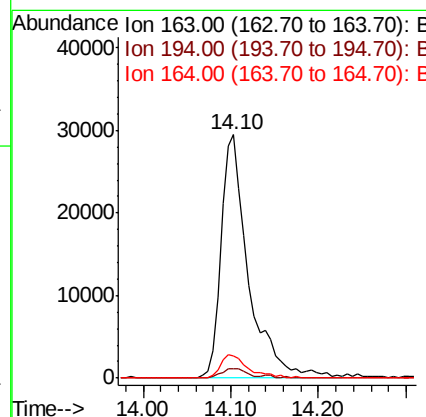
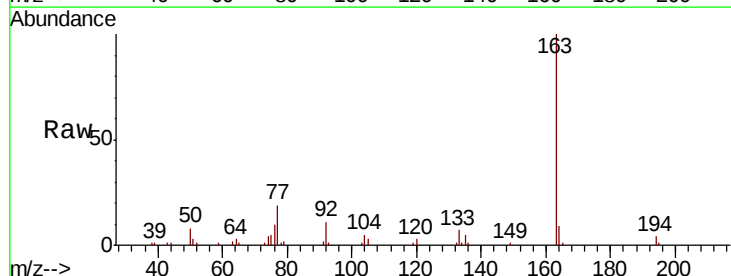
Instrument :
BNA_G
ClientSampleId :
PB124468TB

Tot Ion:172 Resp: 691306
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.1 18.8 28.2



#50
Dimethylphthalate
Concen: 7.396 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Tgt Ion:163 Resp: 63940
Ion Ratio Lower Upper
163 100
194 4.0 3.7 5.5
164 8.9 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG043456.D

Acq: 1 Nov 2019 6:44

Instrument :

BNA_G

ClientSampleId :

PB124468TB

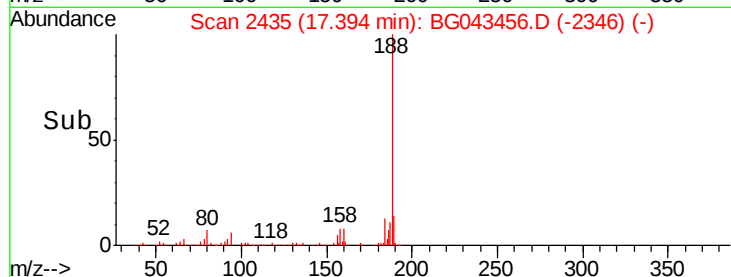
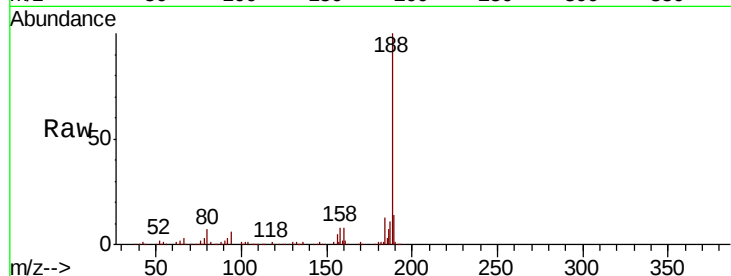
Tot Ion:188 Resp: 270353

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.2

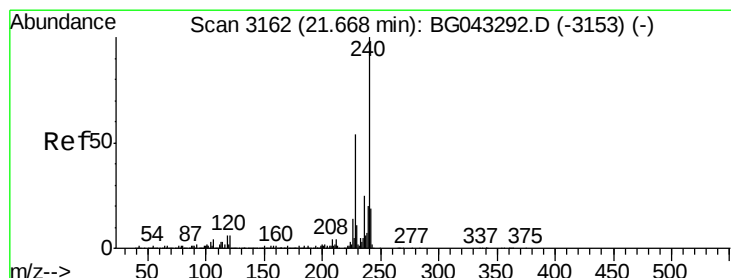
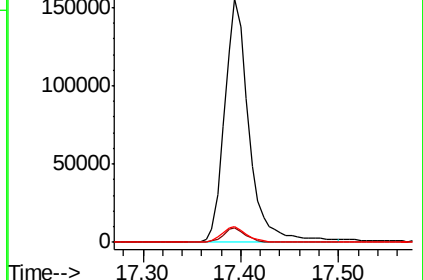
80 6.6 5.2 7.8



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: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043456.D

Acq: 1 Nov 2019 6:44

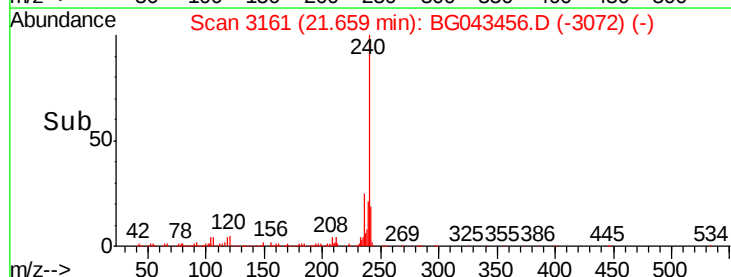
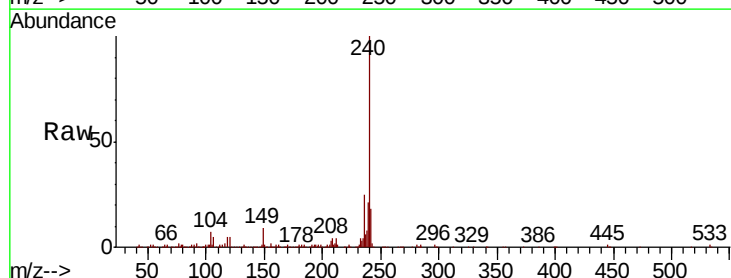
Tgt Ion:240 Resp: 276925

Ion Ratio Lower Upper

240 100

120 5.5 4.6 7.0

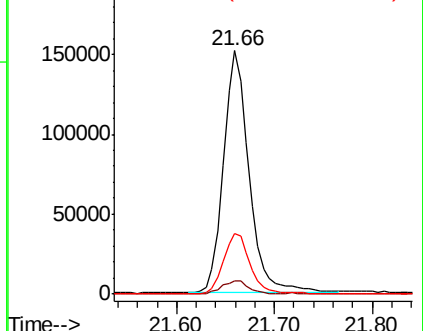
236 25.0 20.2 30.4

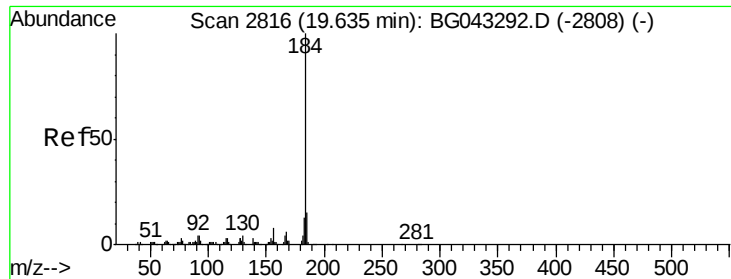


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.521 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043456.D

Acq: 1 Nov 2019 6:44

Instrument :

BNA_G

ClientSampleId :

PB124468TB

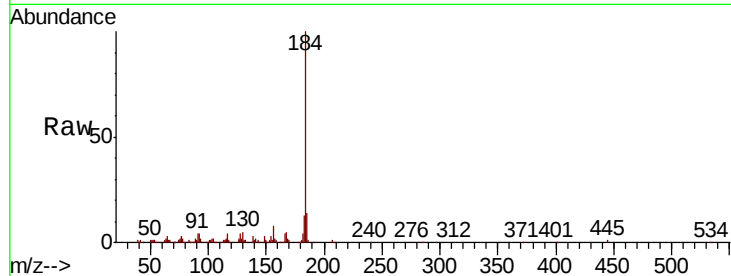
Tot Ion:184 Resp: 242551

Ion Ratio Lower Upper

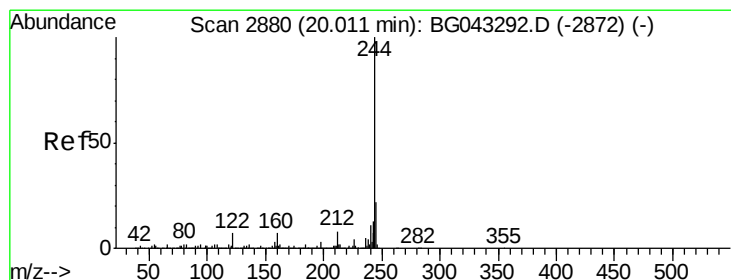
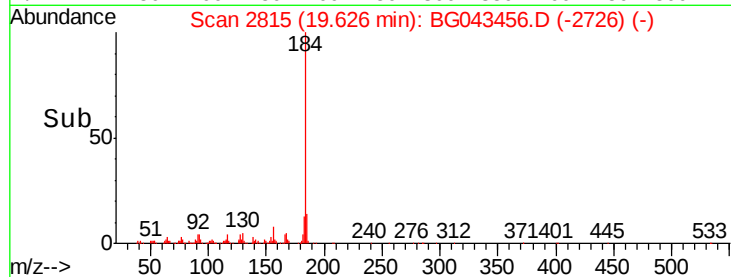
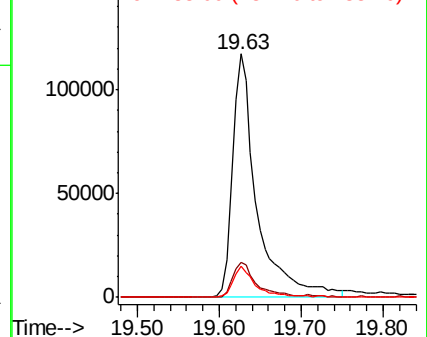
184 100

185 14.1 11.8 17.6

183 13.0 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 93.021 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043456.D

Acq: 1 Nov 2019 6:44

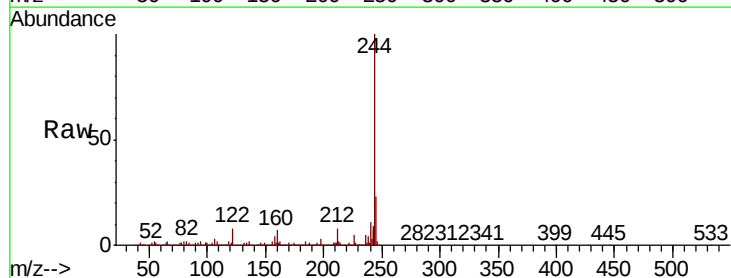
Tgt Ion:244 Resp: 1373078

Ion Ratio Lower Upper

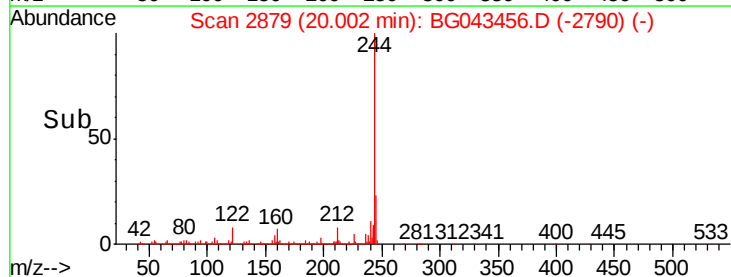
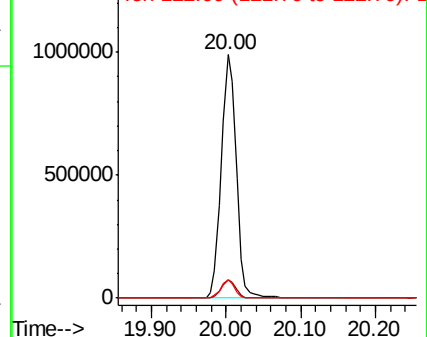
244 100

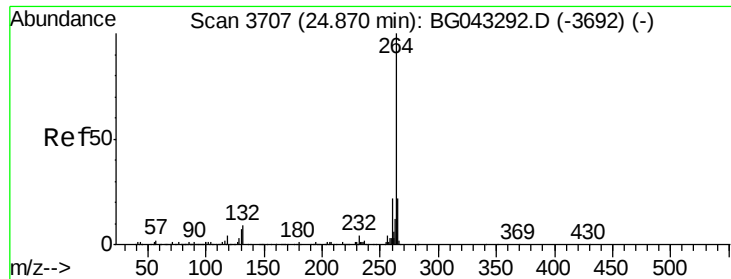
212 7.8 6.4 9.6

122 7.7 5.3 7.9



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

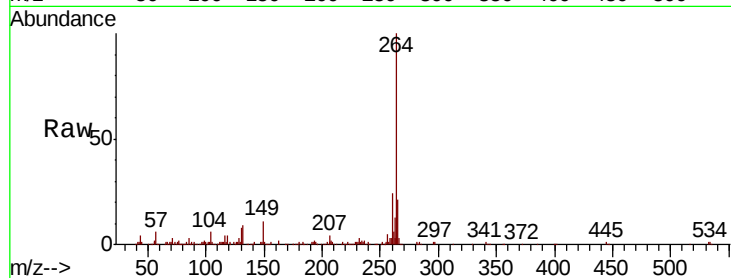




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043456.D
Acq: 1 Nov 2019 6:44

Instrument :
BNA_G
ClientSampleId :
PB124468TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.9	26.9
265	21.3	17.4	26.2



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

