

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121119\
 Data File : BG043811.D
 Acq On : 12 Dec 2019 1:19
 Operator : JU
 Sample : K6245-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RELAY-FLOOR

Quant Time: Dec 12 03:54:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

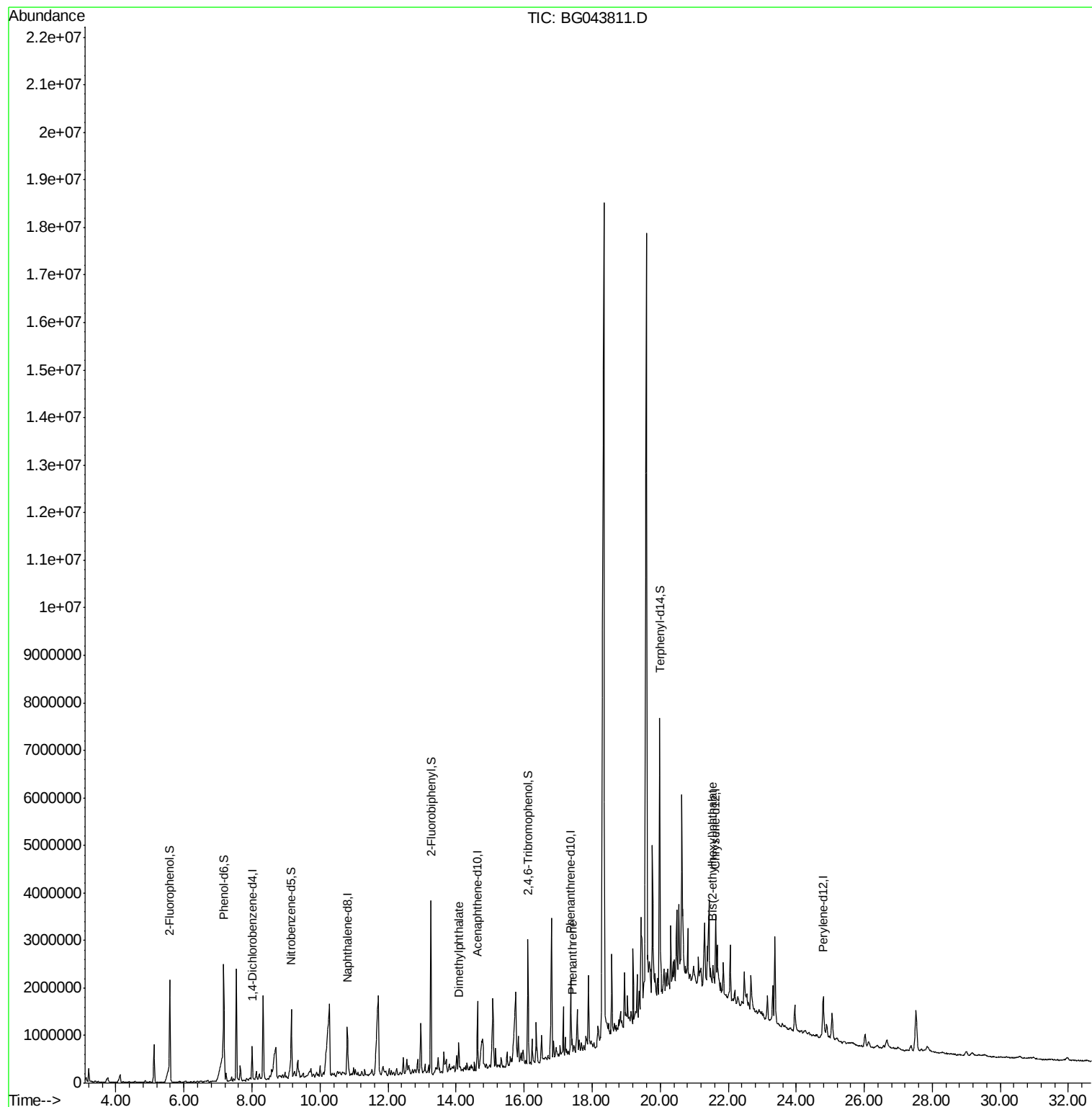
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	192661	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	799438	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	513918	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	972196	20.00	ng	0.00
76) Chrysene-d12	21.63	240	798849	20.00	ng	0.00
87) Perylene-d12	24.79	264	924012	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	958995	94.31	ng	0.00
7) Phenol-d6	7.17	99	1413022	96.36	ng	0.01
23) Nitrobenzene-d5	9.16	82	891727	62.63	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	427799	87.32	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1824273	62.35	ng	0.00
79) Terphenyl-d14	19.99	244	2132196	64.21	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.08	163	92190	2.513	ng	99
71) Phenanthrene	17.41	178	130288	2.831	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	138679	4.447	ng	98

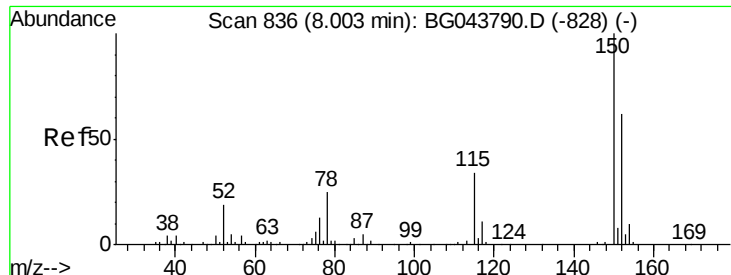
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_G
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Quant Time: Dec 12 03:54:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

Instrument :

BNA_G

ClientSampleId :

RELAY-FLOOR

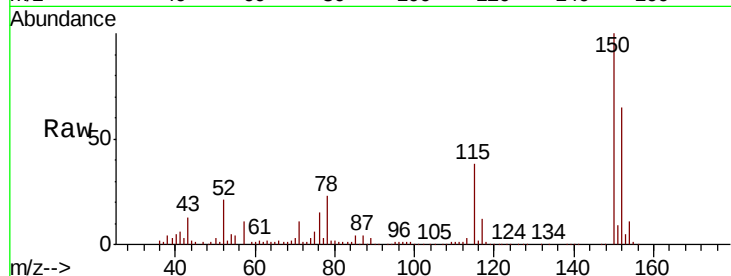
Tot Ion:152 Resp: 192661

Ion Ratio Lower Upper

152 100

150 154.1 128.6 192.8

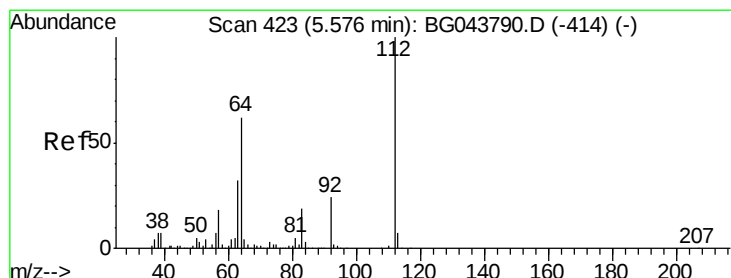
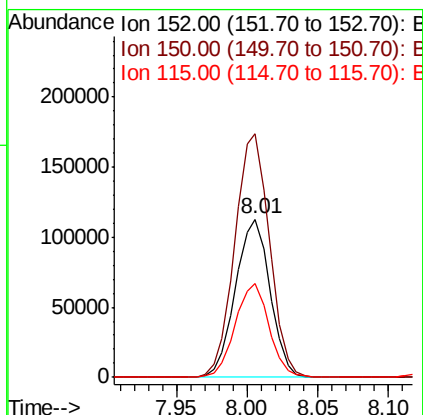
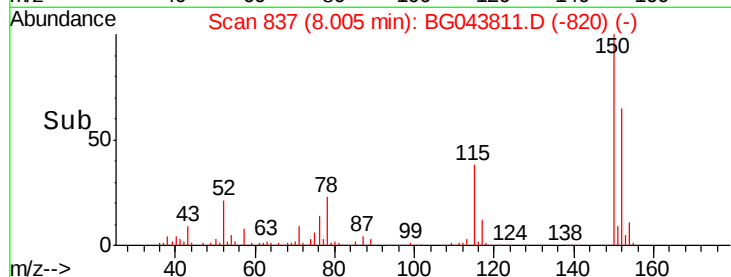
115 59.1 44.3 66.5



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: 94.312 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.01 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

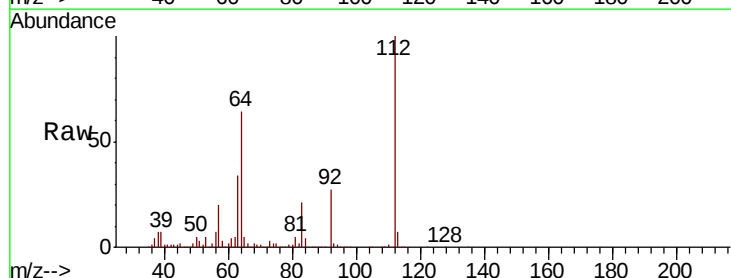
Tgt Ion:112 Resp: 958995

Ion Ratio Lower Upper

112 100

64 63.5 49.9 74.9

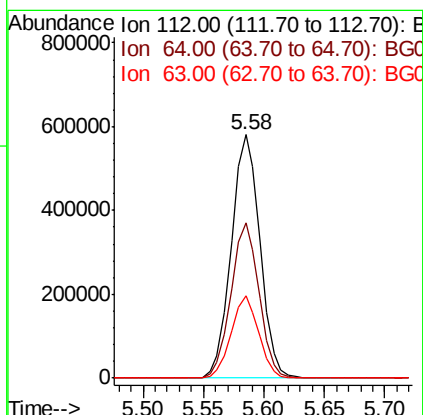
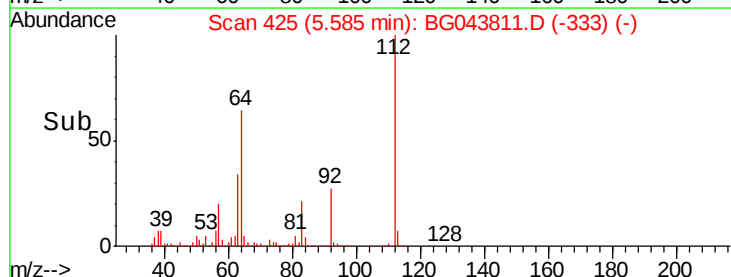
63 33.7 26.0 39.0

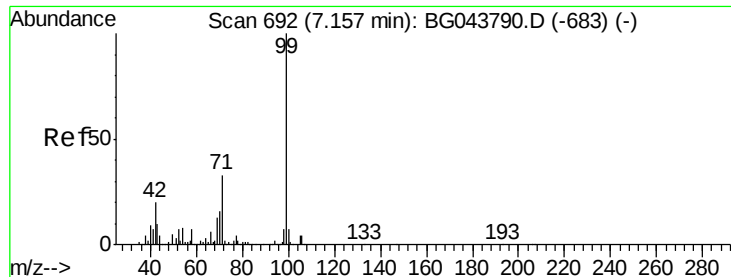


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 96.356 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

Instrument :

BNA_G

ClientSampled :

RELAY-FLOOR

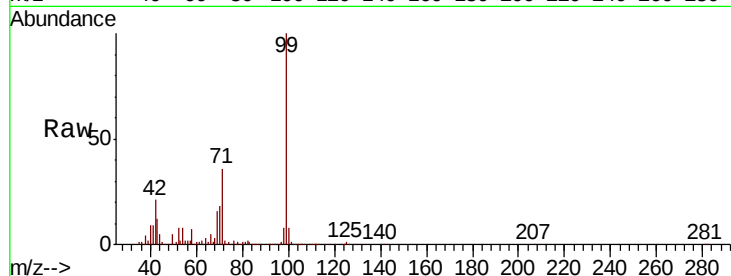
Tot Ion: 99 Resp: 1413022

Ion Ratio Lower Upper

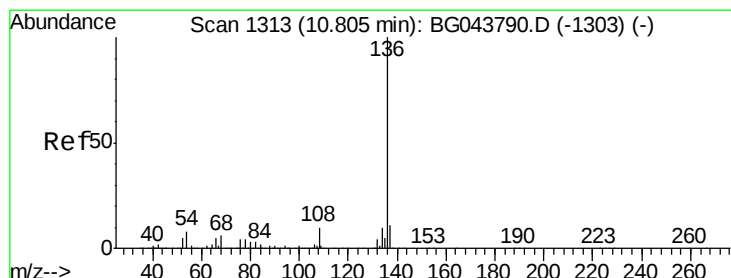
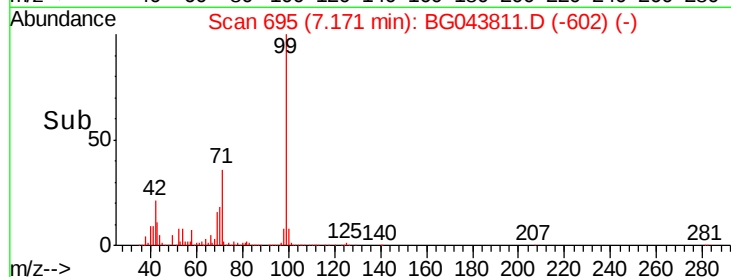
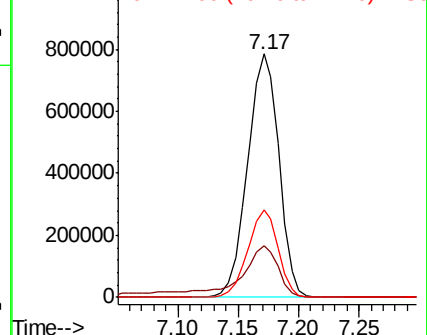
99 100

42 21.2 16.2 24.2

71 36.2 26.6 40.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

Tgt Ion: 136 Resp: 799438

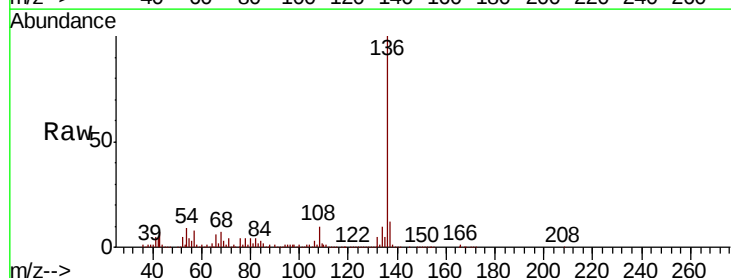
Ion Ratio Lower Upper

136 100

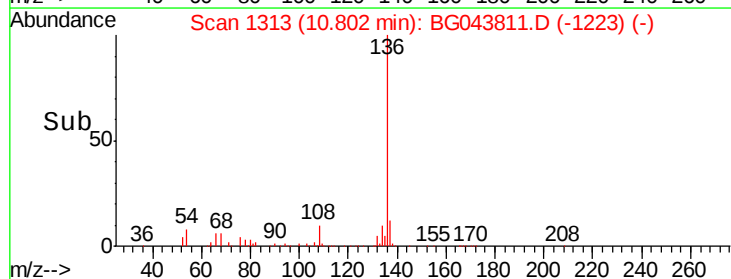
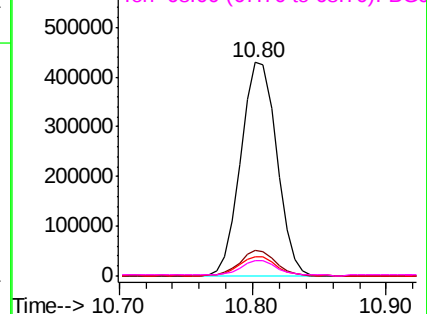
137 12.2 8.7 13.1

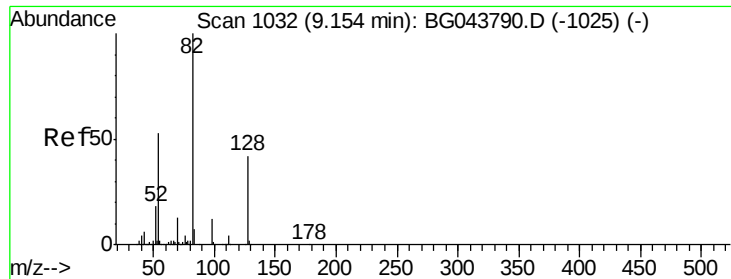
54 9.3 6.8 10.2

68 7.0 5.0 7.4



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

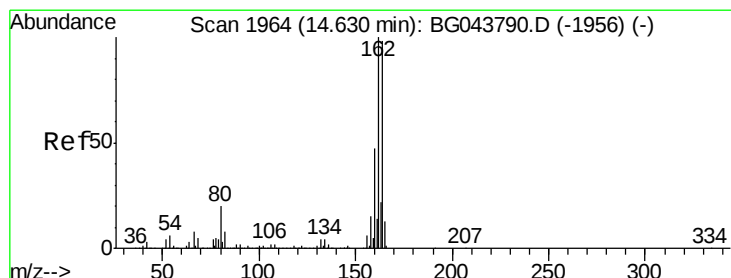
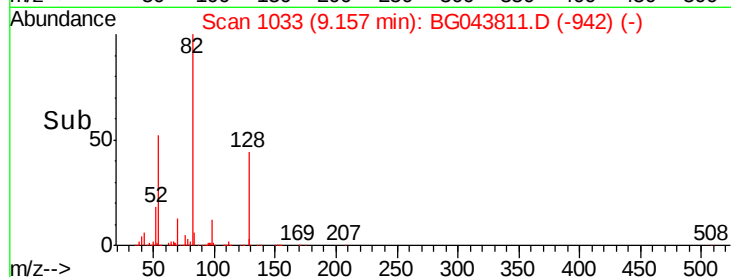
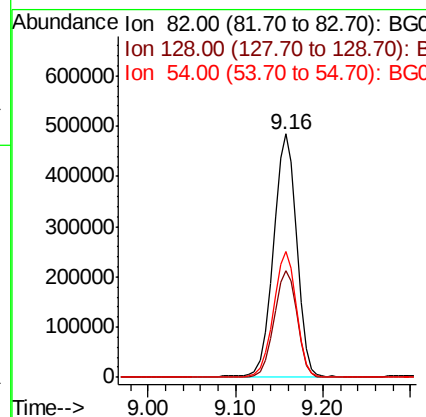
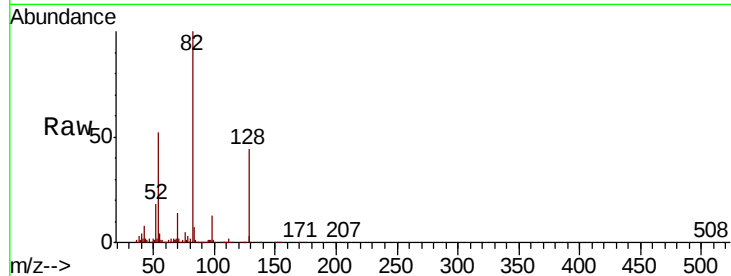




#23
Nitrobenzene-d5
Concen: 62.629 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

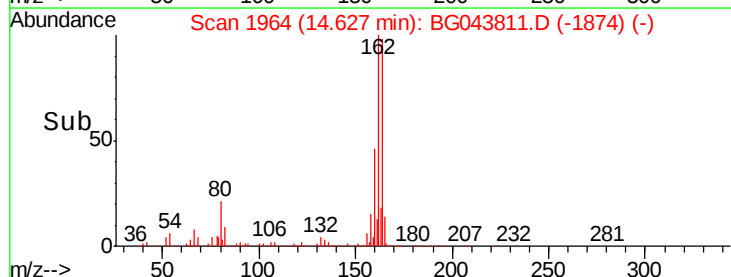
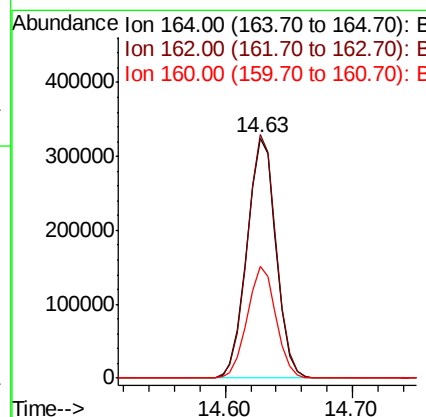
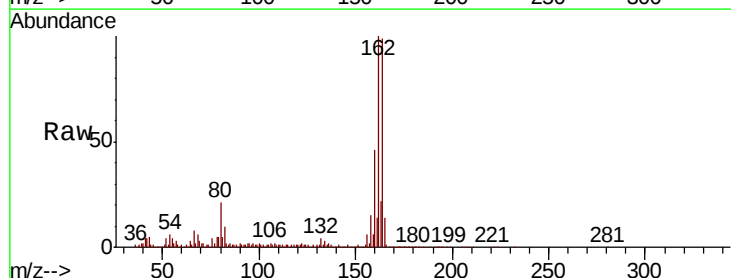
Instrument :
BNA_G
ClientSampleId :
RELAY-FLOOR

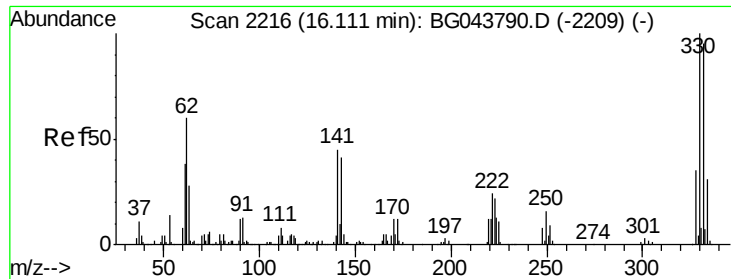
Tot Ion: 82 Resp: 891727
Ion Ratio Lower Upper
82 100
128 43.9 33.6 50.4
54 51.8 42.1 63.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

Tgt Ion:164 Resp: 513918
Ion Ratio Lower Upper
164 100
162 101.5 81.9 122.9
160 46.4 38.3 57.5

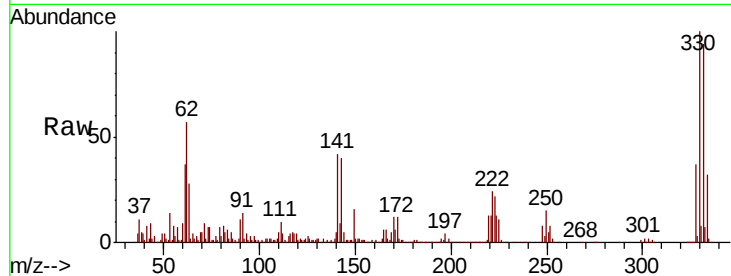




#42
 2,4,6-Tribromophenol
 Concen: 87.316 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG043811.D
 Acq: 12 Dec 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 RELAY-FLOOR

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	41.7	33.8	50.8

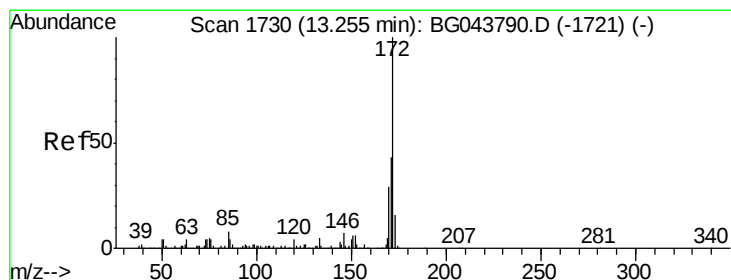
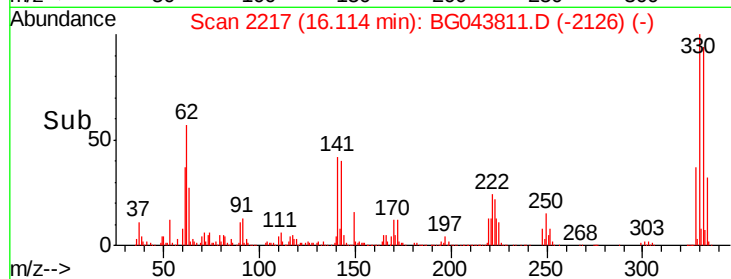
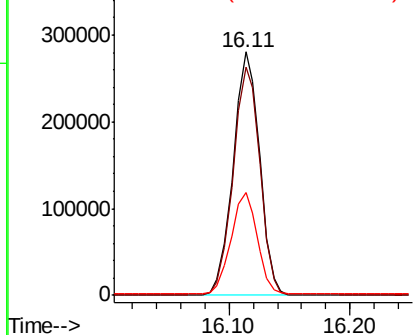


Abundance

Ion 329.80 (329.50 to 330.50): E

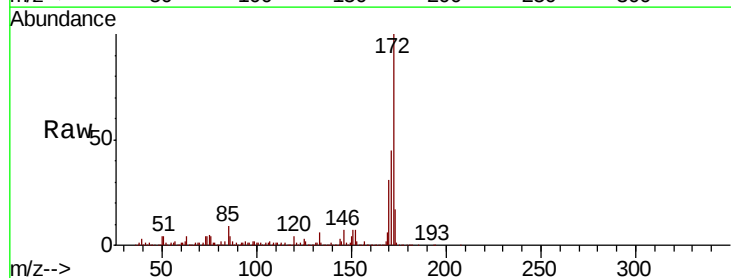
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.354 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG043811.D
 Acq: 12 Dec 2019 1:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	44.8	34.6	51.8
170	30.6	23.3	34.9

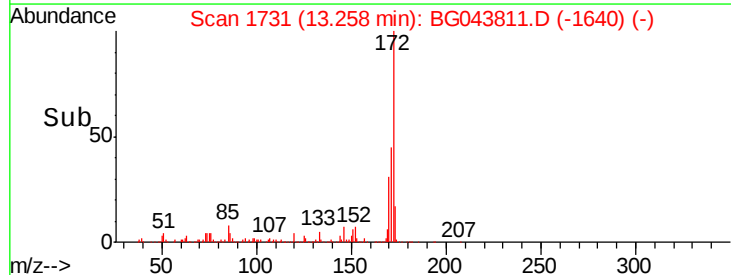
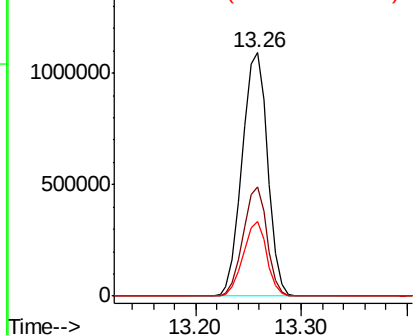


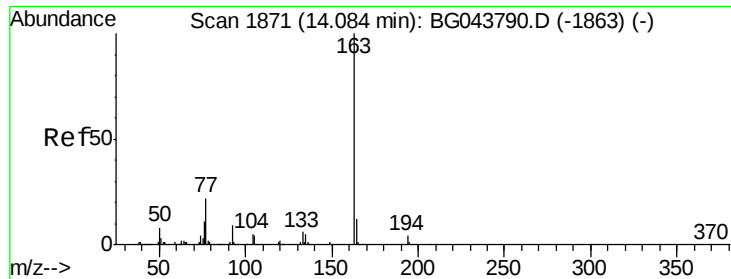
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

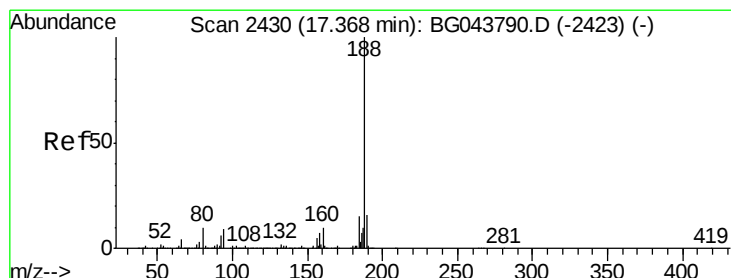
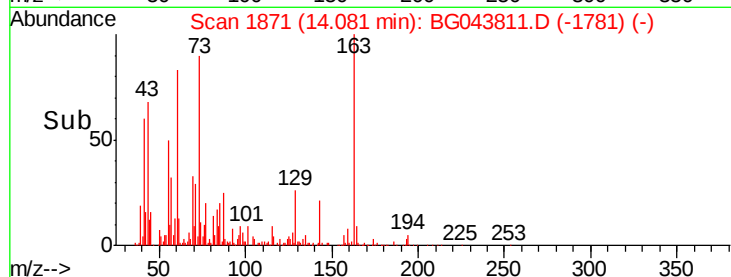
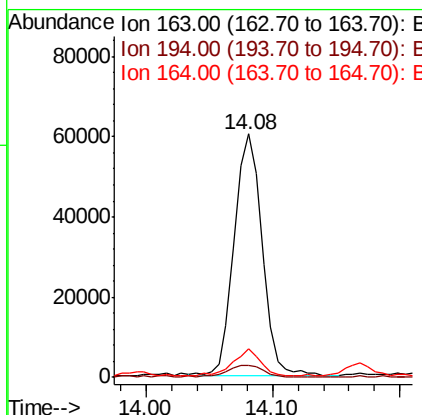
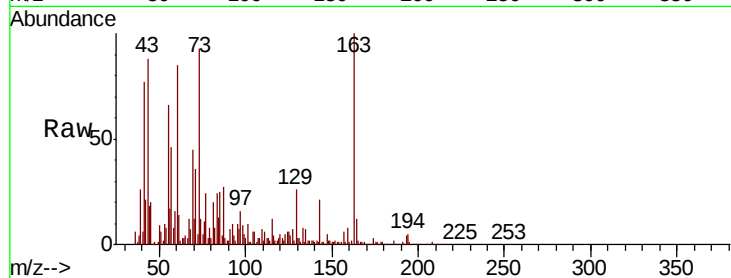




#50
Dimethylphthalate
Concen: 2.513 ng
RT: 14.08 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

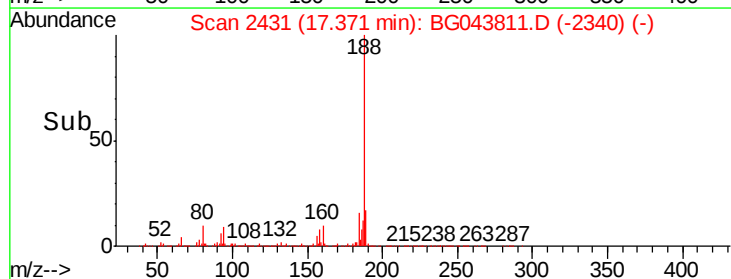
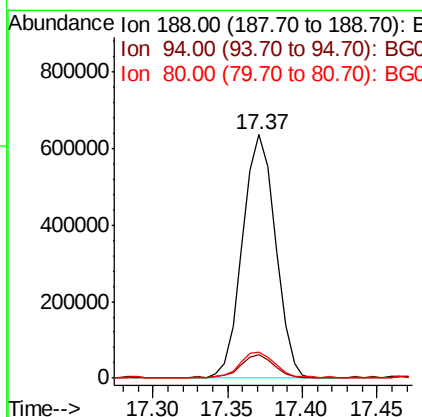
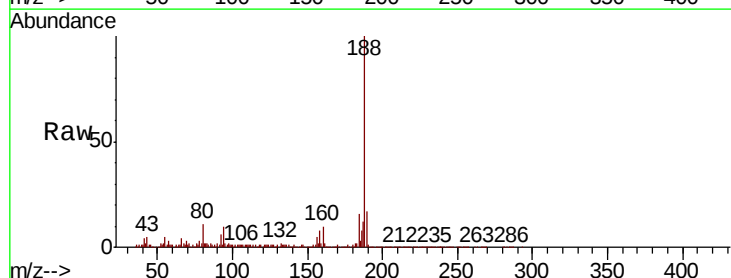
Instrument :
BNA_G
ClientSampleId :
RELAY-FLOOR

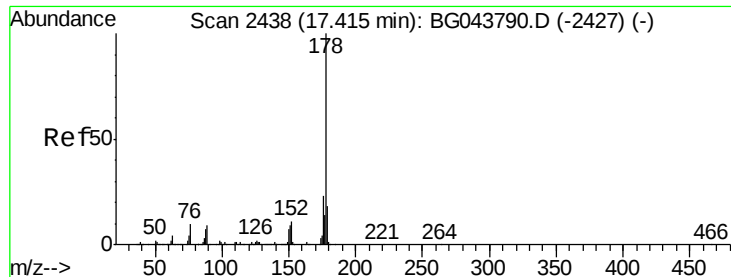
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.6	5.4
164	11.6	9.4	14.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043811.D
Acq: 12 Dec 2019 1:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.9	10.3
80	10.7	7.8	11.8





#71

Phenanthrene

Concen: 2.831 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

Instrument :

BNA_G

ClientSampleId :

RELAY-FLOOR

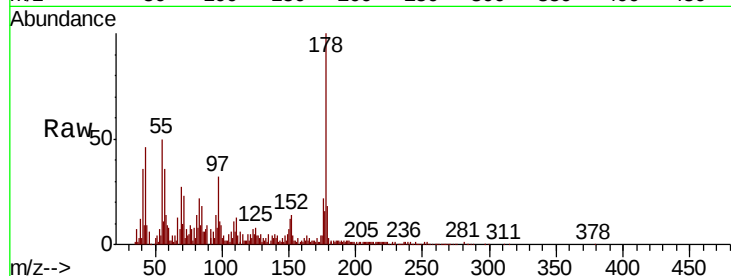
Tot Ion:178 Resp: 130288

Ion Ratio Lower Upper

178 100

176 22.5 18.6 27.8

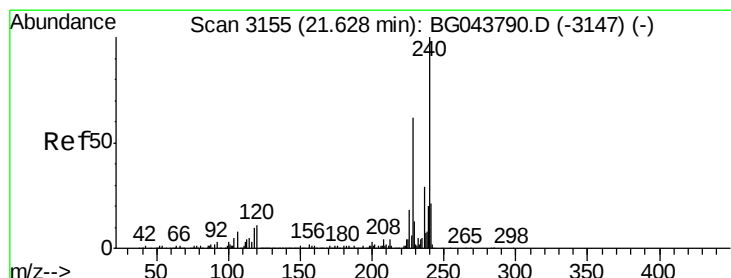
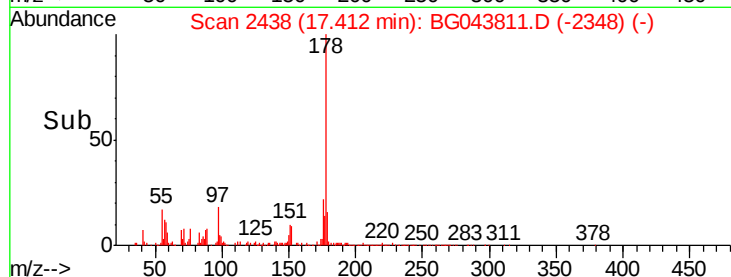
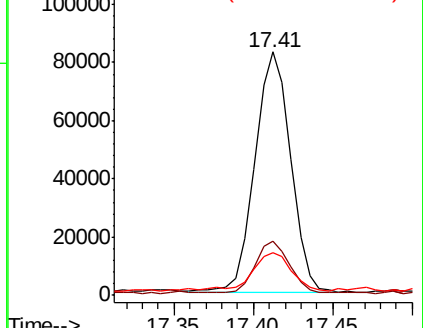
179 17.6 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

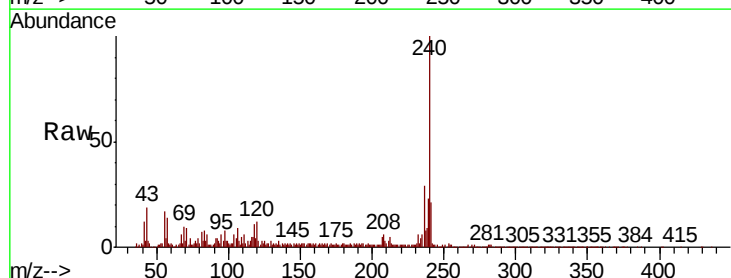
Tgt Ion:240 Resp: 798849

Ion Ratio Lower Upper

240 100

120 11.8 8.6 12.8

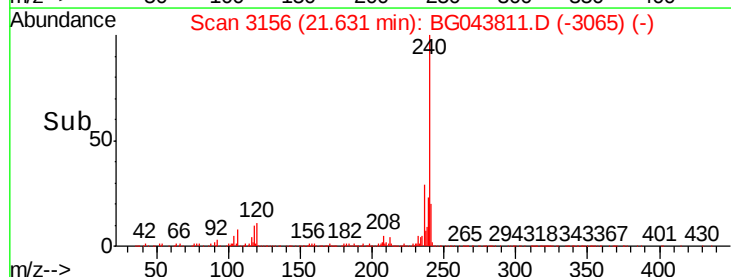
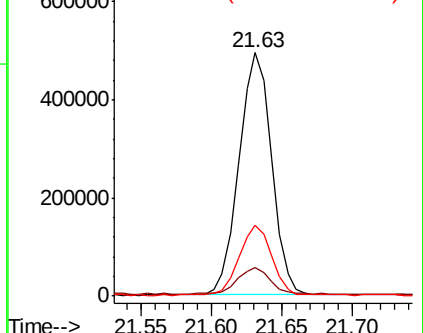
236 29.2 23.1 34.7

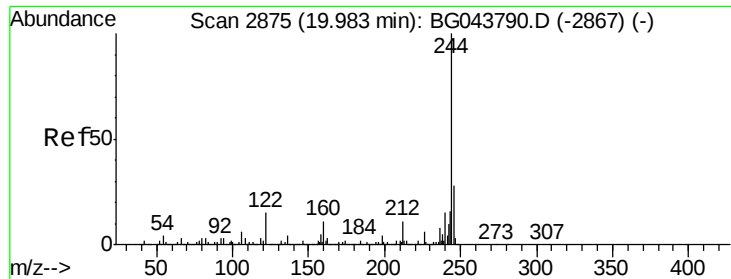


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.212 ng

RT: 19.99 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

Instrument :

BNA_G

ClientSampleId :

RELAY-FLOOR

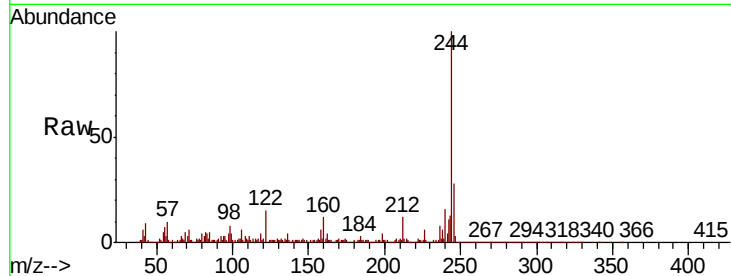
Tot Ion:244 Resp: 2132196

Ion Ratio Lower Upper

244 100

212 11.5 9.1 13.7

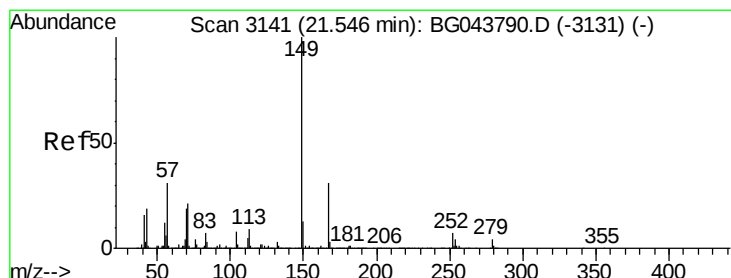
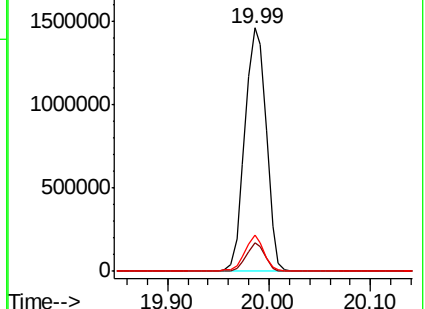
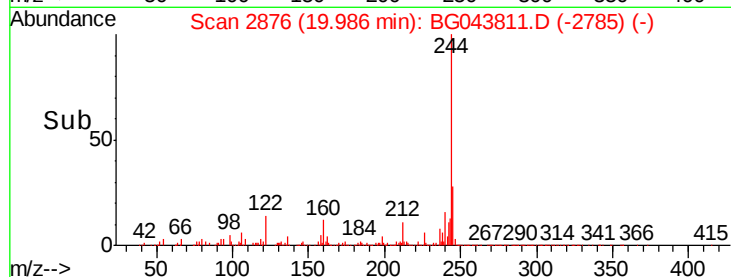
122 14.8 11.6 17.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.447 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG043811.D

Acq: 12 Dec 2019 1:19

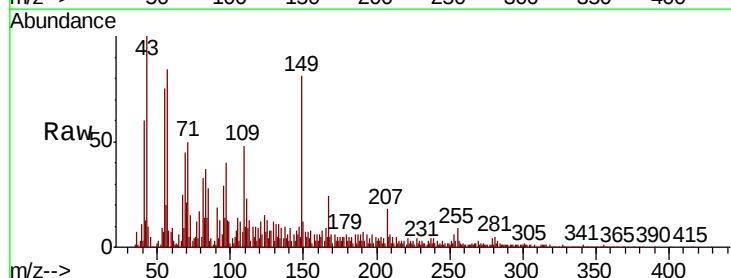
Tgt Ion:149 Resp: 138679

Ion Ratio Lower Upper

149 100

167 29.9 25.1 37.7

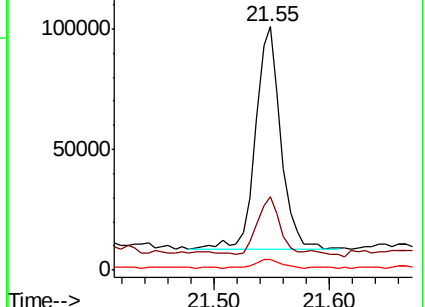
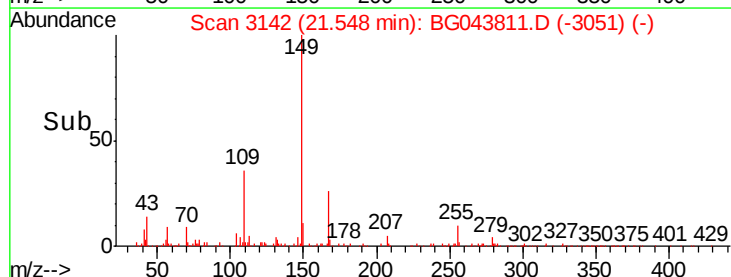
279 4.5 3.5 5.3

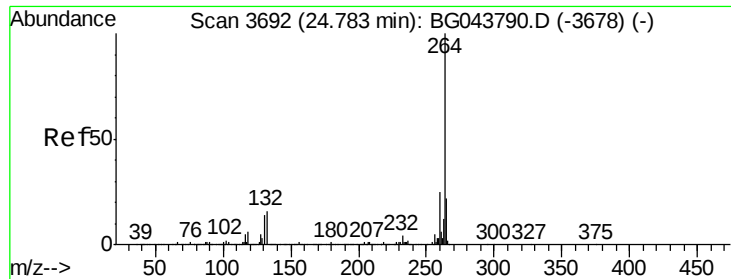


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

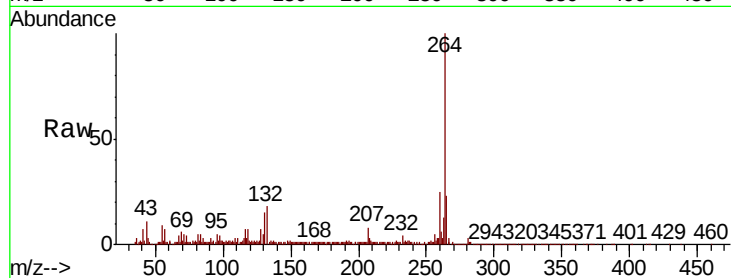




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.79 min Scan# 3694
 Delta R.T. 0.01 min
 Lab File: BG043811.D
 Acq: 12 Dec 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 RELAY-FLOOR

Tot Ion:	264	Resp:	924012
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	22.5	17.9	26.9



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

