

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
 Data File : BG043549.D
 Acq On : 7 Nov 2019 21:26
 Operator : JU
 Sample : K5723-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 10-A

Quant Time: Nov 08 04:52:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

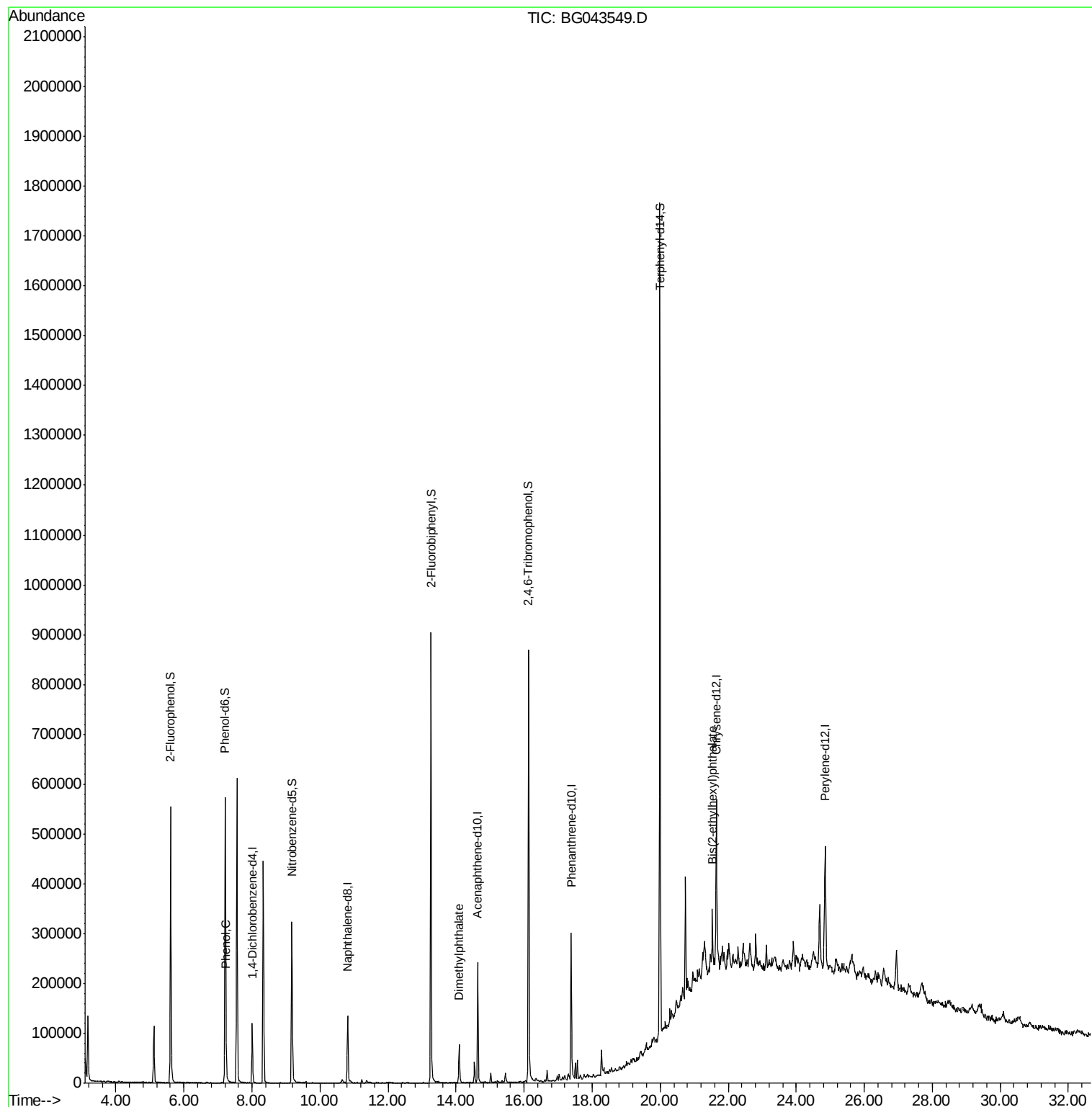
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	36036	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	134989	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	94512	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	216223	20.00	ng	0.00
76) Chrysene-d12	21.65	240	218810	20.00	ng	0.00
87) Perylene-d12	24.85	264	252703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	264025	134.26	ng	0.02
7) Phenol-d6	7.21	99	365072	129.03	ng	0.02
23) Nitrobenzene-d5	9.17	82	221909	84.75	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	211422	117.55	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	514143	75.17	ng	0.00
79) Terphenyl-d14	19.99	244	894356	76.68	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12179	4.711	ng	91
50) Dimethylphthalate	14.09	163	61735	8.433	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	45651	6.263	ng	99

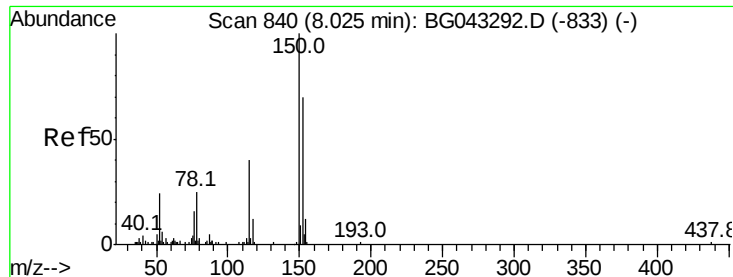
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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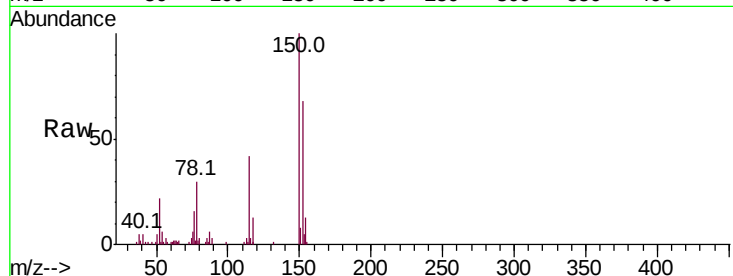


#1

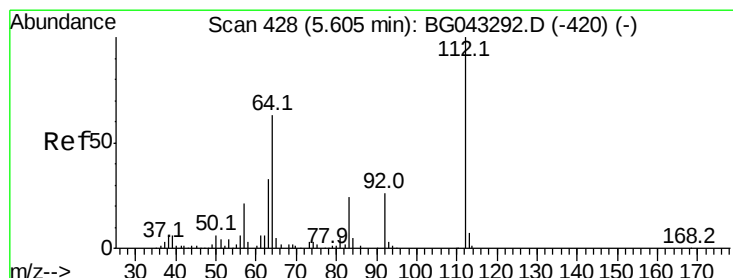
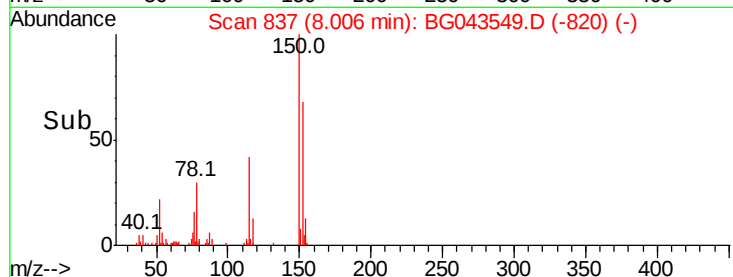
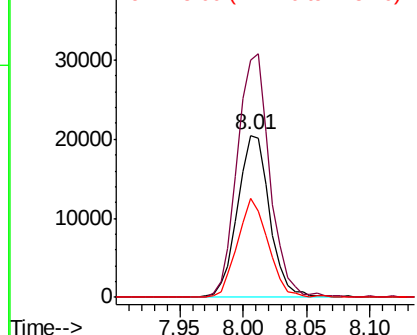
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043549.D
Acq: 7 Nov 2019 21:26

Instrument :
BNA_G
ClientSampleId :
10-A

Tot Ion:152 Resp: 36036
Ion Ratio Lower Upper
152 100
150 146.1 129.4 194.0
115 60.7 48.8 73.2



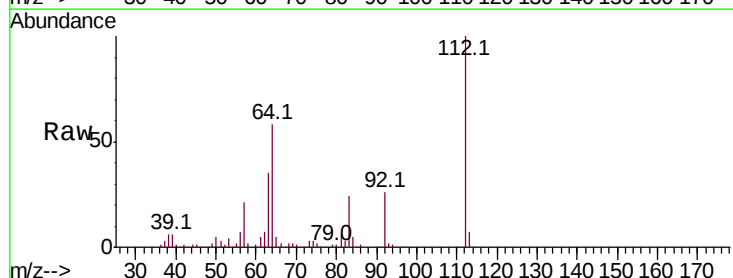
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



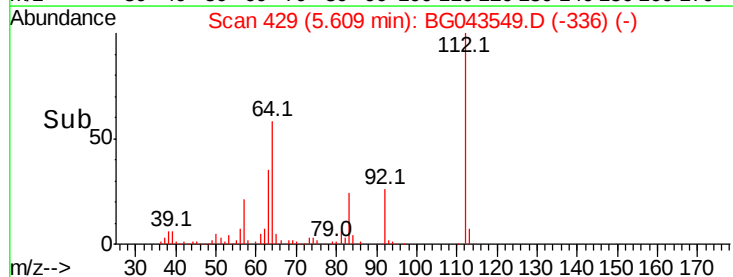
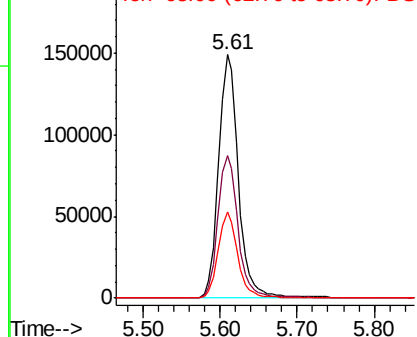
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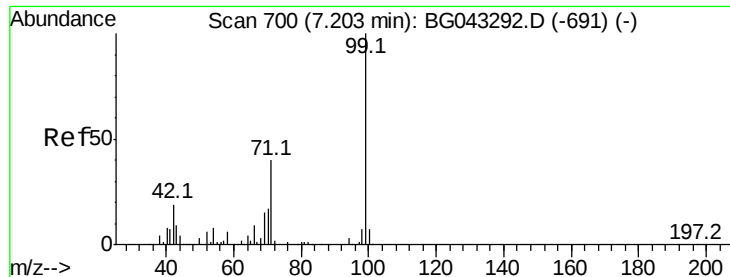
2-Fluorophenol
Concen: 134.258 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.02 min
Lab File: BG043549.D
Acq: 7 Nov 2019 21:26

Tgt Ion:112 Resp: 264025
Ion Ratio Lower Upper
112 100
64 58.4 50.0 75.0
63 35.5 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 129.028 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.02 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

10-A

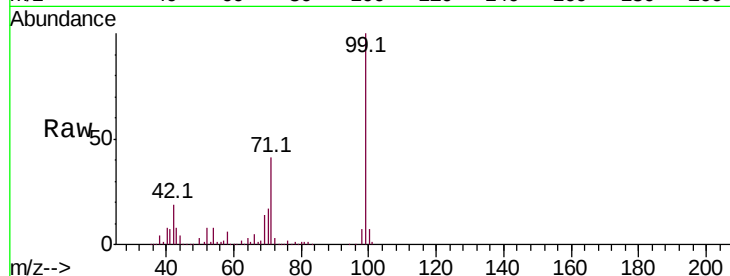
Tot Ion: 99 Resp: 365072

Ion Ratio Lower Upper

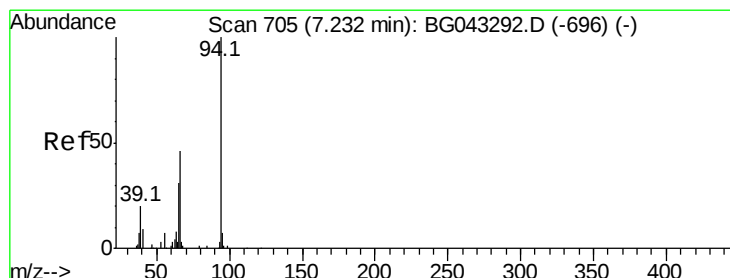
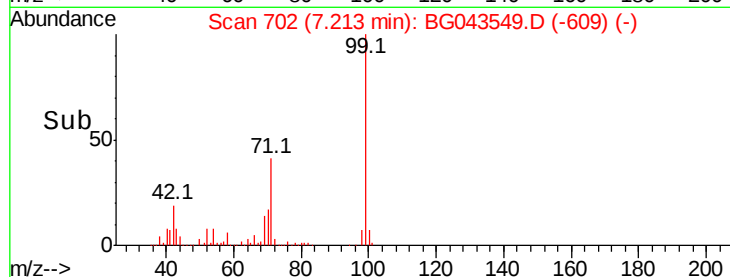
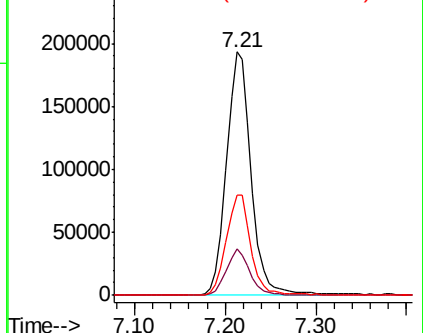
99 100

42 19.0 14.6 21.8

71 41.0 32.5 48.7



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: 4.711 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.02 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

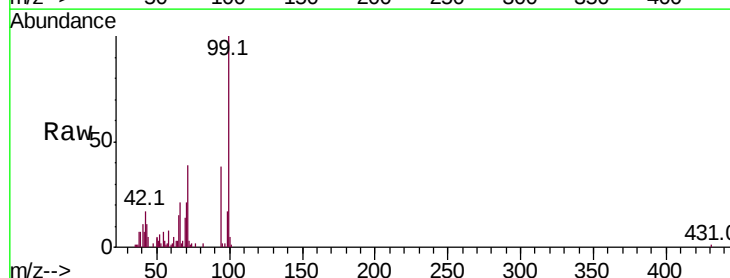
Tgt Ion: 94 Resp: 12179

Ion Ratio Lower Upper

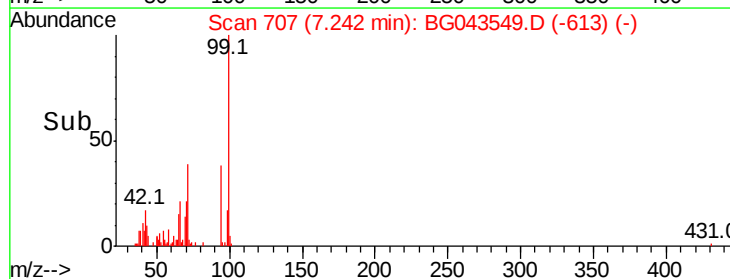
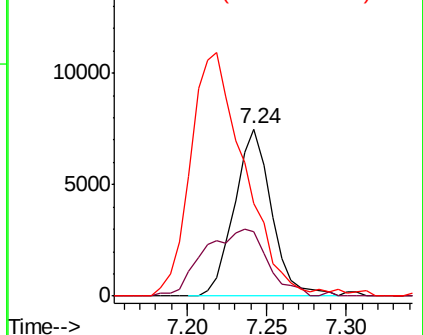
94 100

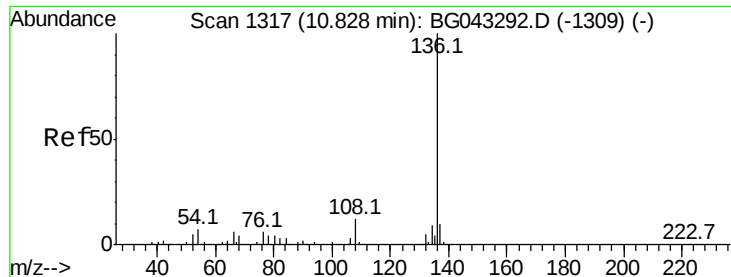
65 38.8 12.6 52.6

66 55.7 30.7 70.7



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

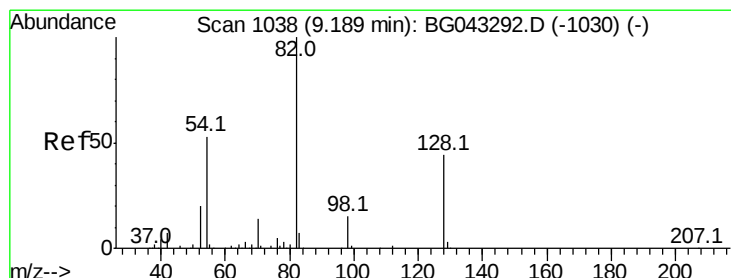
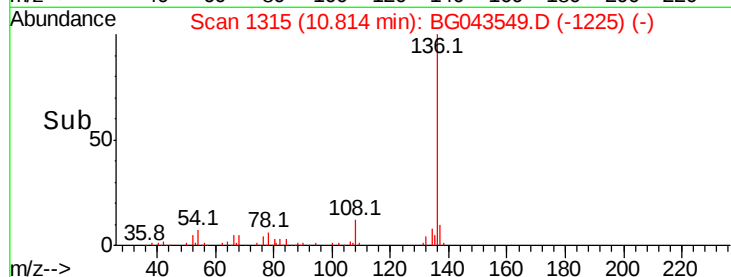
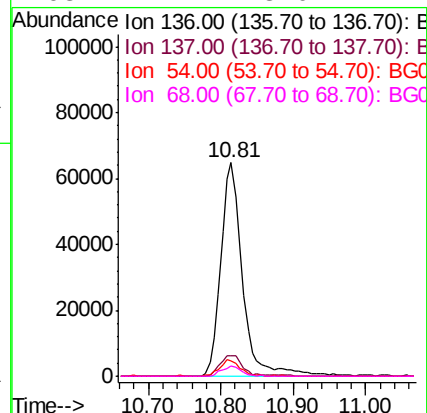
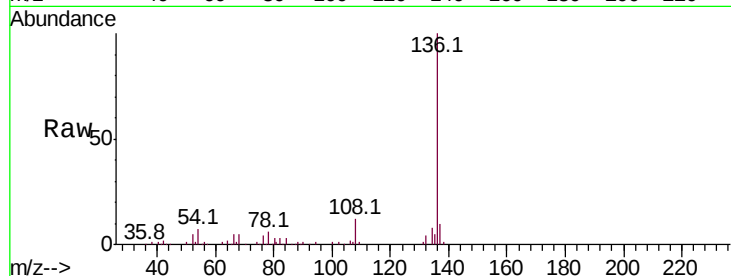




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043549.D
Acq: 7 Nov 2019 21:26

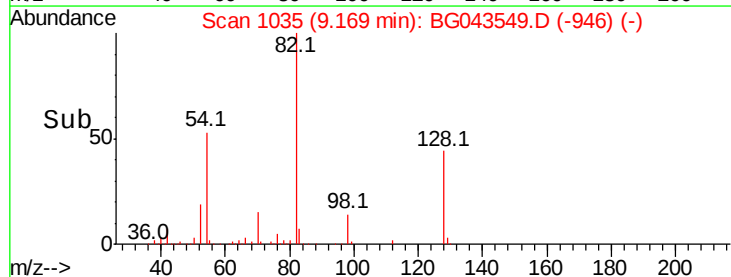
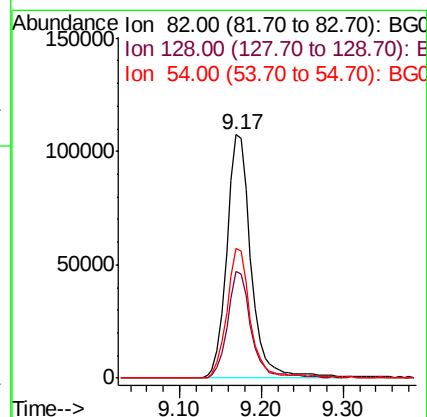
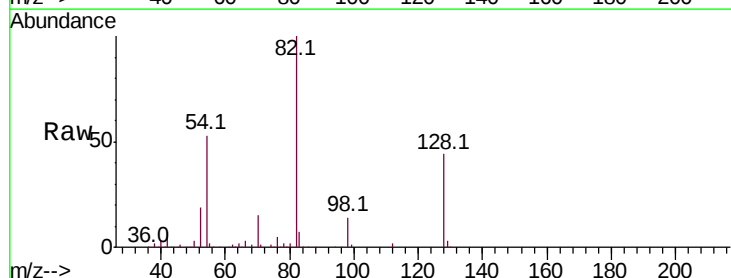
Instrument :
BNA_G
ClientSampleId :
10-A

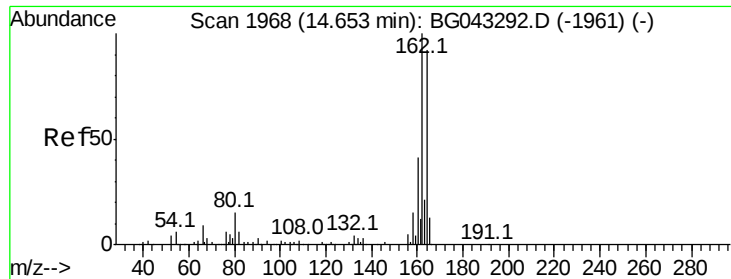
Tot Ion:	136	Resp:	134989
Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.7	13.1
54	7.4	5.4	8.2
68	4.7	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 84.751 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043549.D
Acq: 7 Nov 2019 21:26

Tgt Ion:	82	Resp:	221909
Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.0	52.6
54	53.2	40.2	60.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

10-A

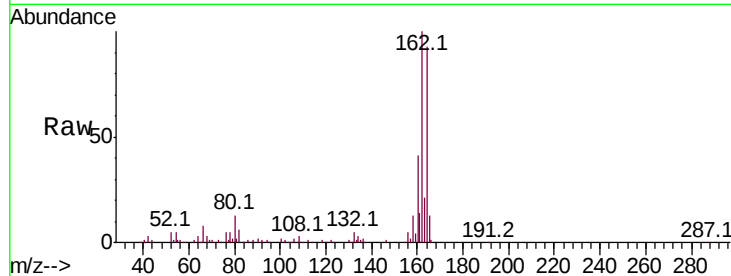
Tot Ion:164 Resp: 94512

Ion Ratio Lower Upper

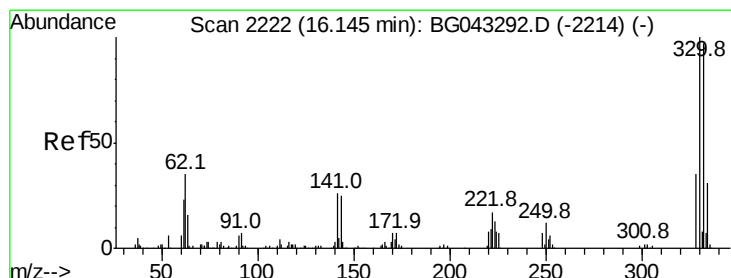
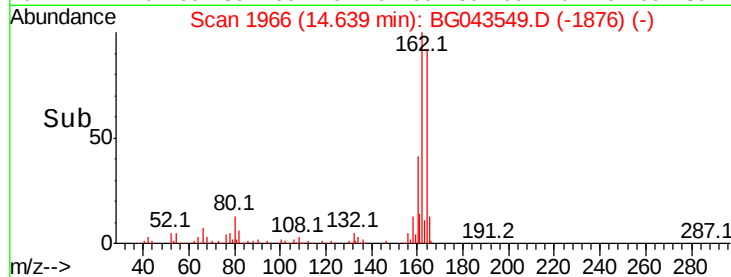
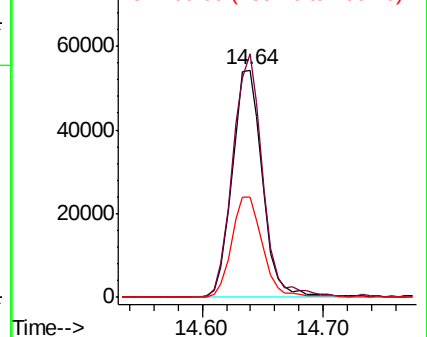
164 100

162 107.1 83.5 125.3

160 44.4 36.5 54.7



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: 117.550 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

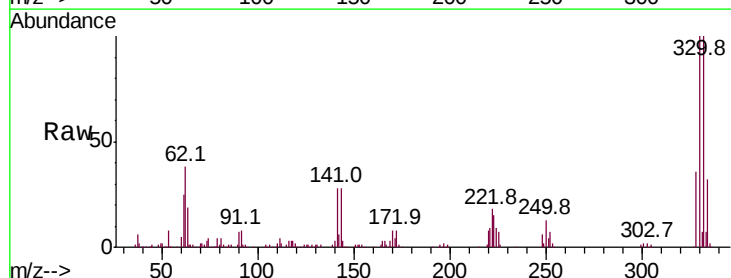
Tgt Ion:330 Resp: 211422

Ion Ratio Lower Upper

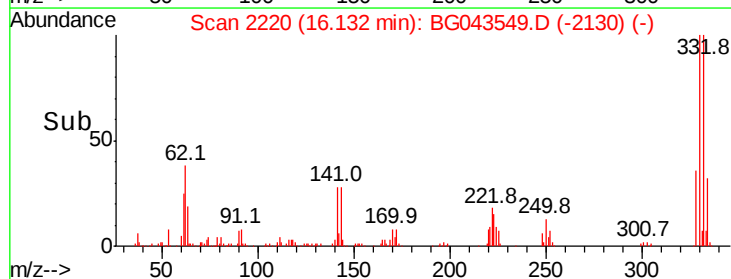
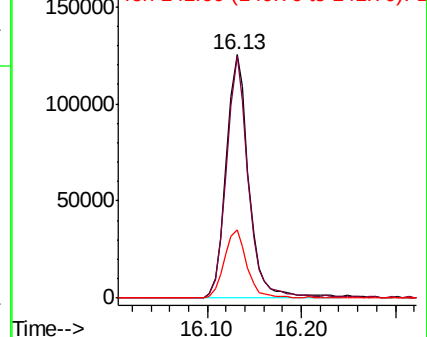
330 100

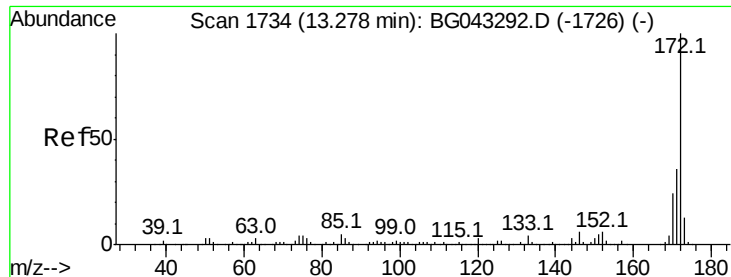
332 96.2 77.4 116.0

141 27.9 22.8 34.2



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

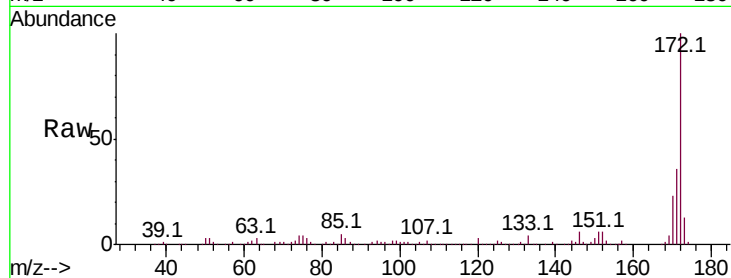




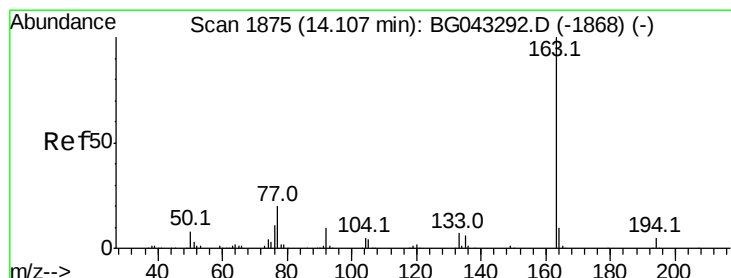
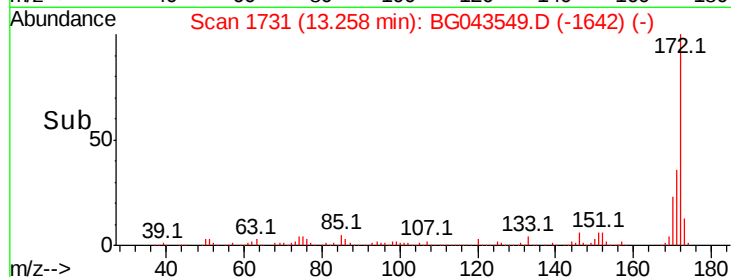
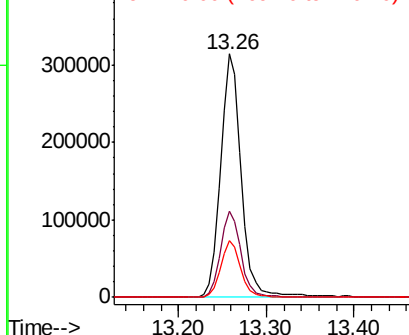
#45
 2-Fluorobiphenyl
 Concen: 75.170 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043549.D
 Acq: 7 Nov 2019 21:26

Instrument :
 BNA_G
 ClientSampleId :
 10-A

Tot Ion:172 Resp: 514143
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 23.1 18.5 27.7

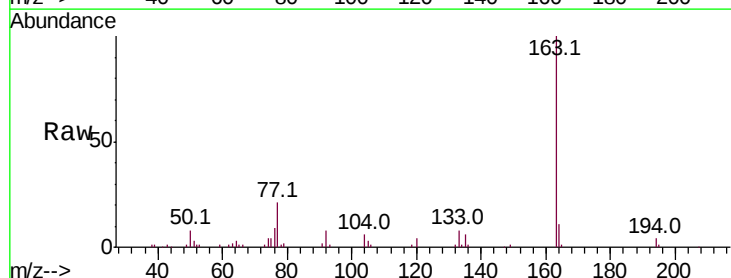


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

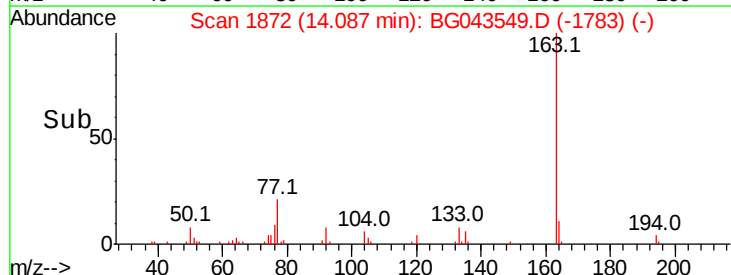
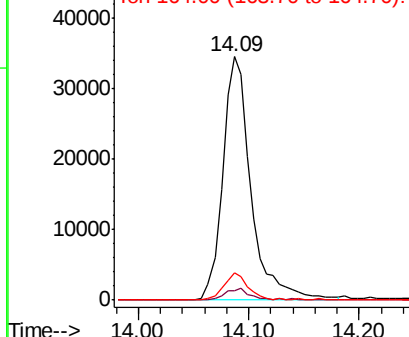


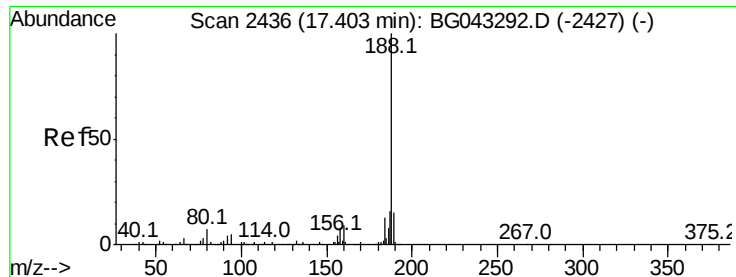
#50
 Dimethylphthalate
 Concen: 8.433 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG043549.D
 Acq: 7 Nov 2019 21:26

Tgt Ion:163 Resp: 61735
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.8 5.6
 164 11.0 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

Instrument :

BNA_G

ClientSampleId :

10-A

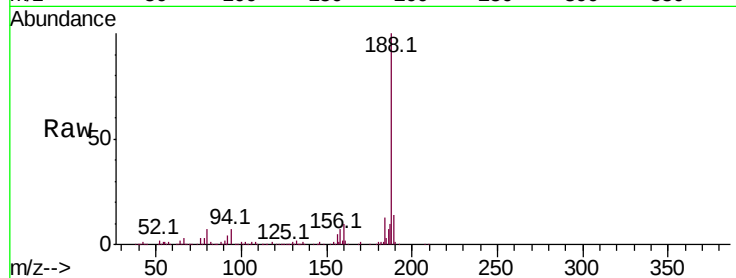
Tot Ion:188 Resp: 216223

Ion Ratio Lower Upper

188 100

94 6.8 4.2 6.4#

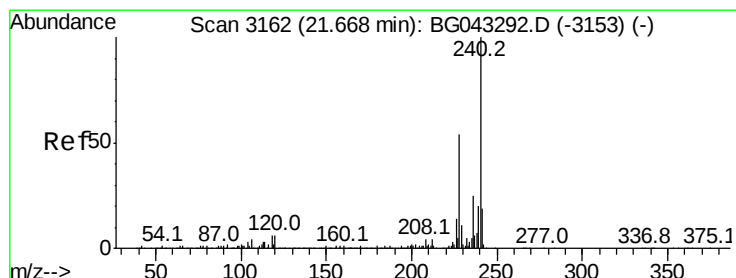
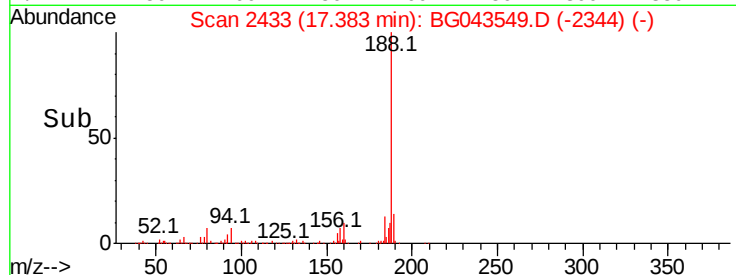
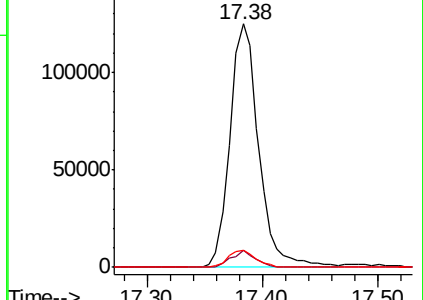
80 7.0 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

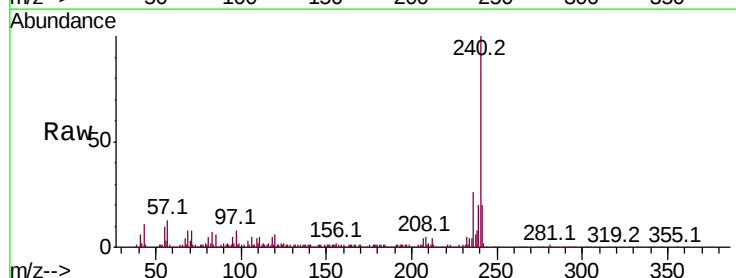
Tgt Ion:240 Resp: 218810

Ion Ratio Lower Upper

240 100

120 5.8 4.6 6.8

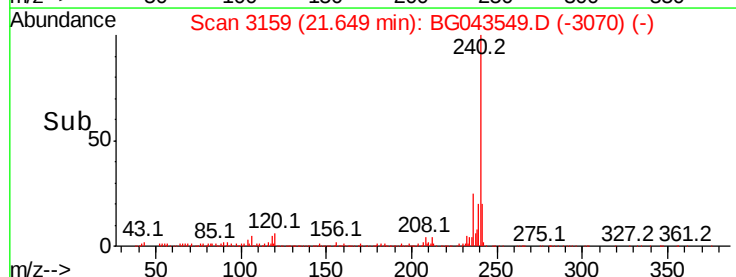
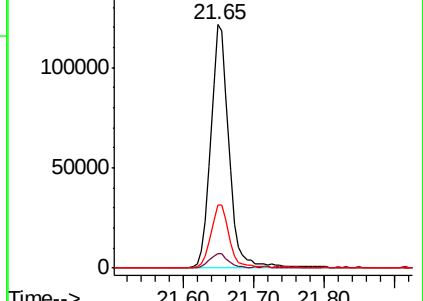
236 25.8 19.8 29.8

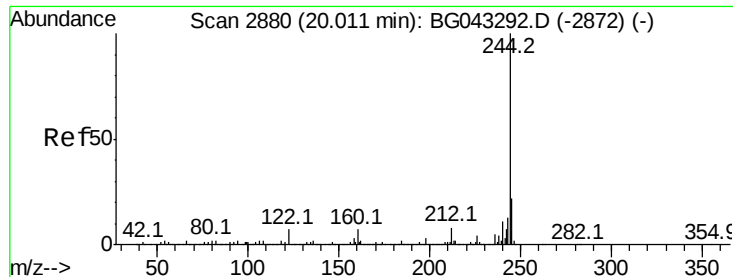


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.681 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BG043549.D

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10-A

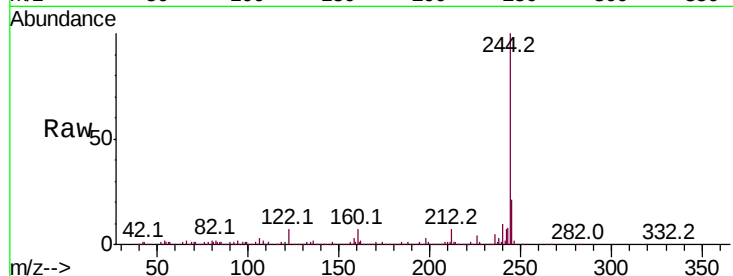
Tot Ion:244 Resp: 894356

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

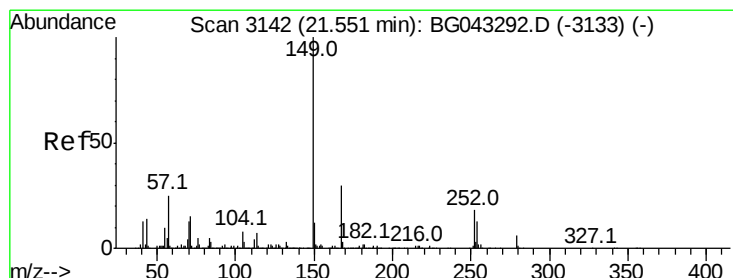
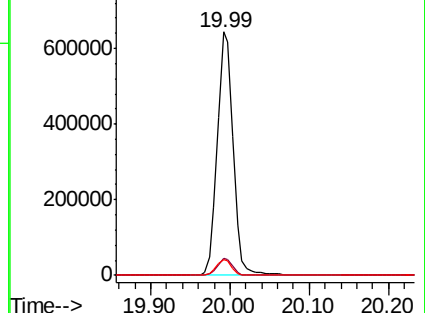
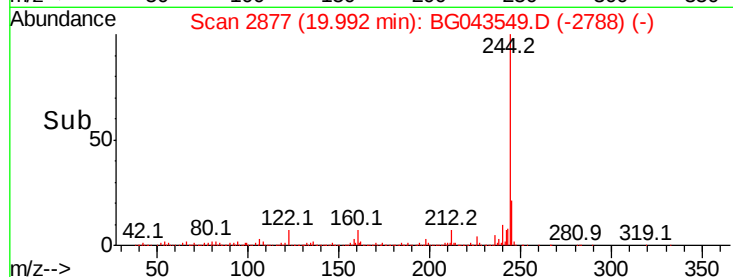
122 6.7 5.4 8.2



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: 6.263 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG043549.D

Acq: 7 Nov 2019 21:26

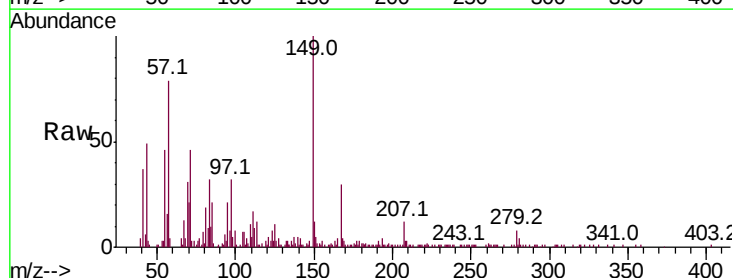
Tgt Ion:149 Resp: 45651

Ion Ratio Lower Upper

149 100

167 29.6 24.0 36.0

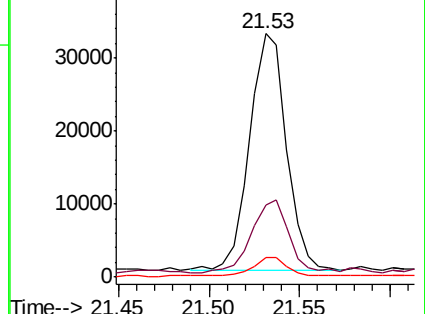
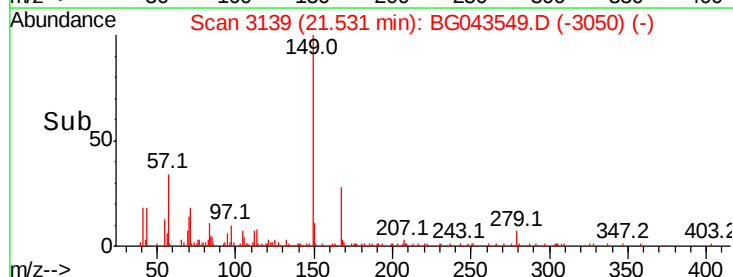
279 7.9 5.4 8.2

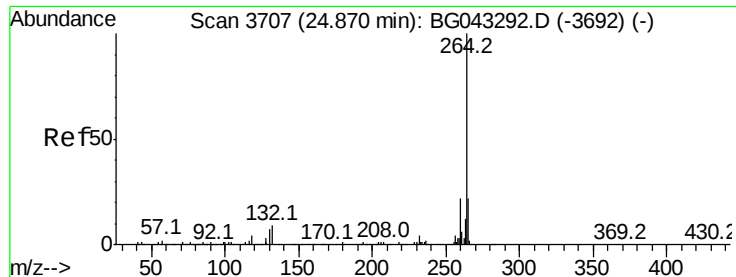


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.85 min Scan# 3704
 Delta R.T. -0.00 min
 Lab File: BG043549.D
 Acq: 7 Nov 2019 21:26

Instrument :
 BNA_G
 ClientSampleId :
 10-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.5	26.3
265	21.9	17.4	26.0

