

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043516.D
 Acq On : 5 Nov 2019 20:24
 Operator : JU
 Sample : K5612-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMPRES

Quant Time: Nov 06 02:29:21 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

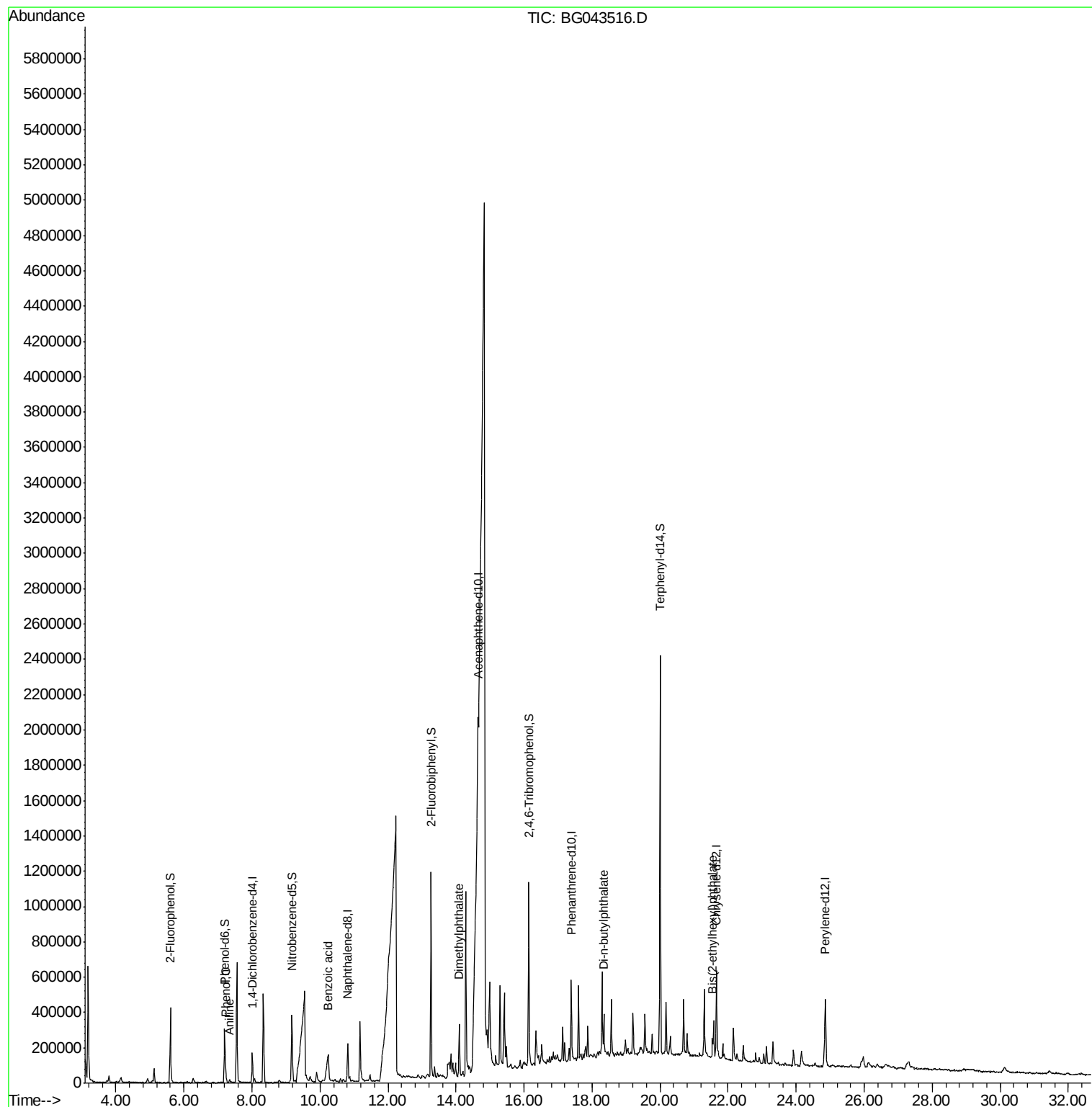
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	52177	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	194234	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	542710	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	298167	20.00	ng	0.00
76) Chrysene-d12	21.66	240	310227	20.00	ng	0.00
87) Perylene-d12	24.85	264	368315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	206029	72.36	ng	0.01
7) Phenol-d6	7.20	99	192329	46.95	ng	0.00
23) Nitrobenzene-d5	9.18	82	249281	66.17	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	253652	24.56	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	643744	16.39	ng	0.00
79) Terphenyl-d14	20.00	244	1172963	70.93	ng	0.00
Target Compounds						
6) Aniline	7.34	93	11060	2.344	ng	Qvalue # 87
10) Phenol	7.23	94	34524	9.222	ng	97
32) Benzoic acid	10.24	122	117236	59.219	ng	97
50) Dimethylphthalate	14.09	163	194624	4.630	ng	98
74) Di-n-butylphthalate	18.35	149	161187	9.603	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	44154	4.273	ng	99

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

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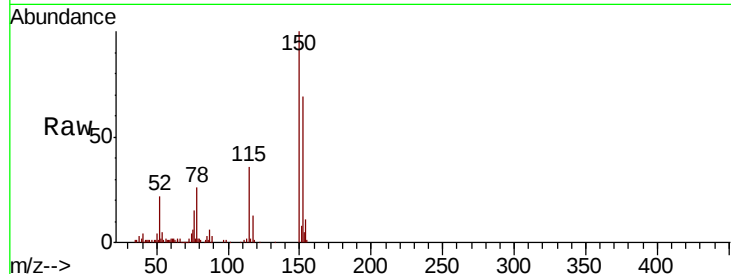


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043516.D
Acq: 5 Nov 2019 20:24

Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	129.4	194.0
115	52.0	48.8	73.2

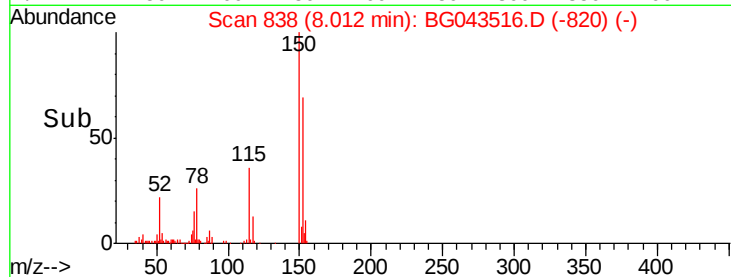
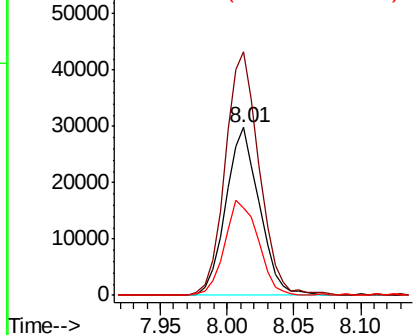


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

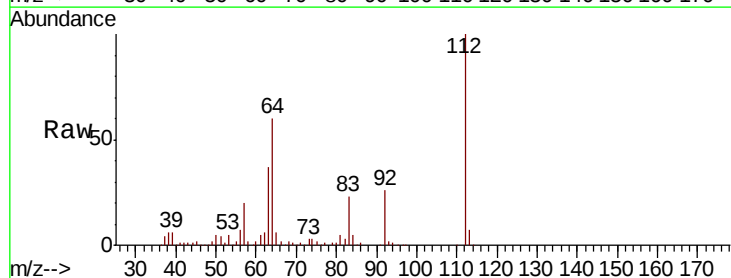
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 72.357 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043516.D
Acq: 5 Nov 2019 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	50.0	75.0
63	36.8	26.6	40.0

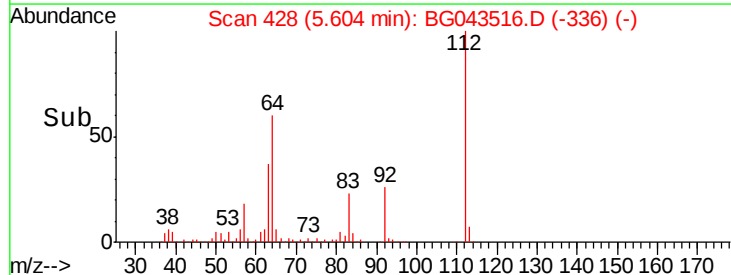
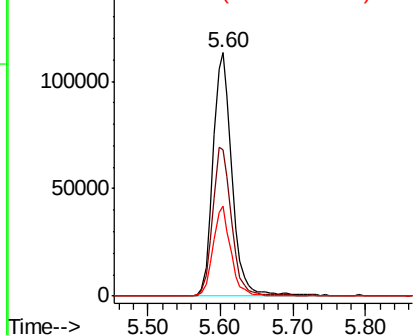


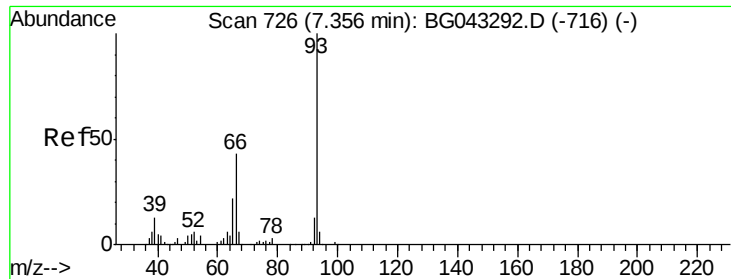
Abundance

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





#6

Aniline

Concen: 2.344 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG043516.D

Acq: 5 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

DRUM-COMPRES

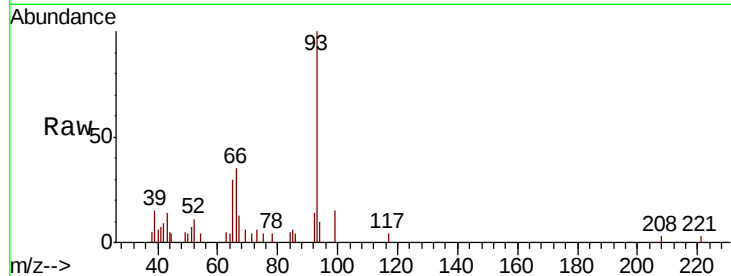
Tot Ion: 93 Resp: 11060

Ion Ratio Lower Upper

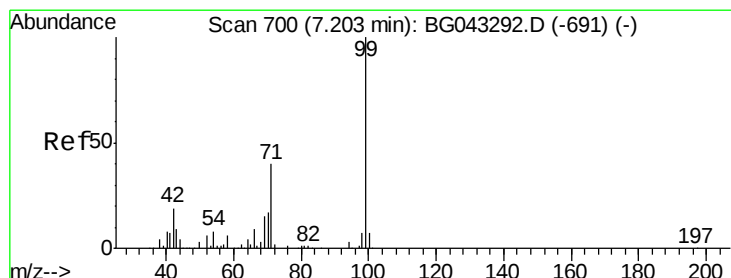
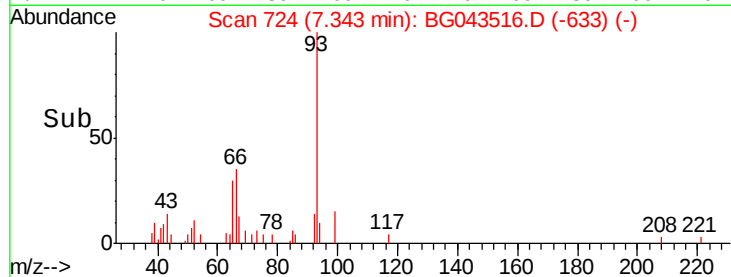
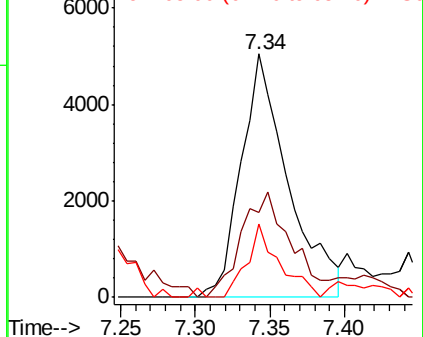
93 100

66 34.8 32.3 48.5

65 30.3 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 46.947 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043516.D

Acq: 5 Nov 2019 20:24

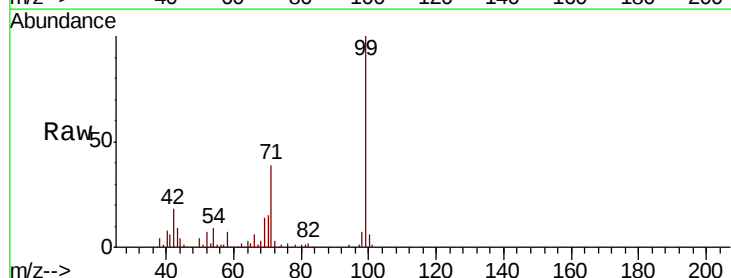
Tgt Ion: 99 Resp: 192329

Ion Ratio Lower Upper

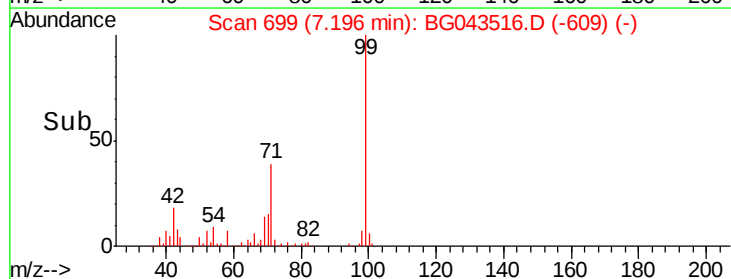
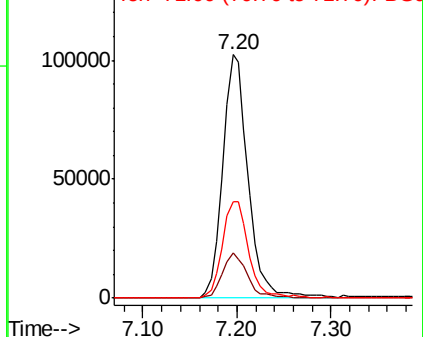
99 100

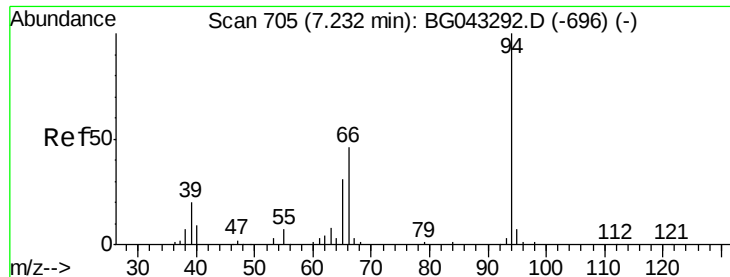
42 18.4 14.6 21.8

71 39.4 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

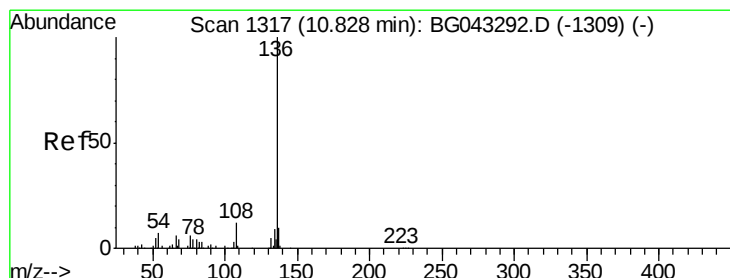
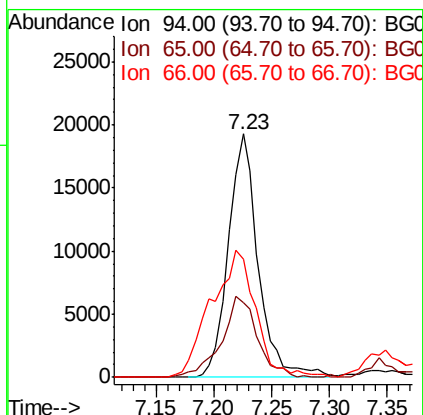
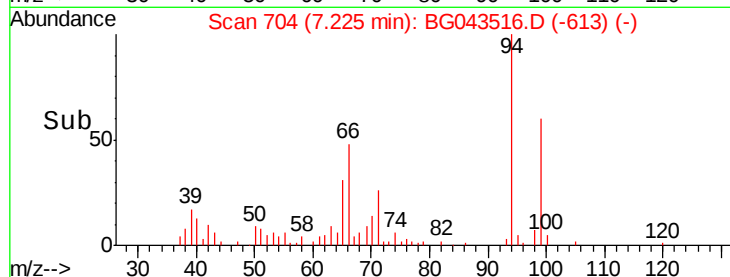
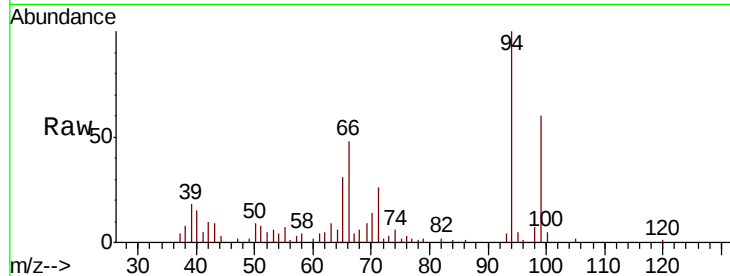




#10
Phenol
Concen: 9.222 ng
RT: 7.23 min Scan# 704
Delta R.T. 0.00 min
Lab File: BG043516.D
Acq: 5 Nov 2019 20:24

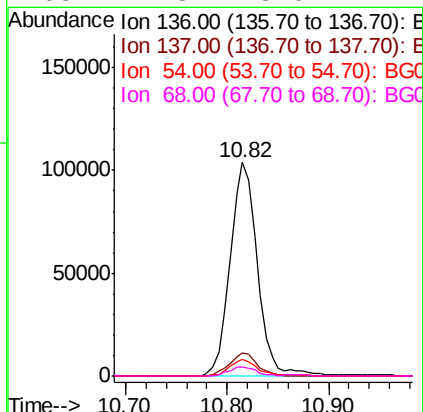
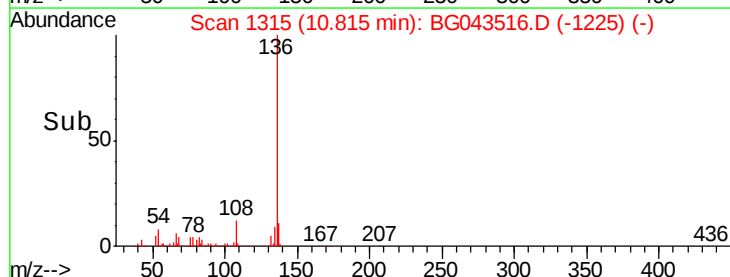
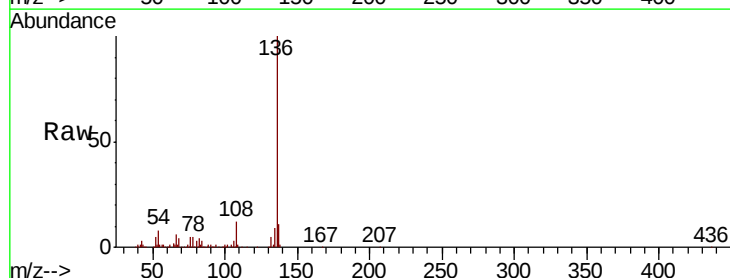
Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

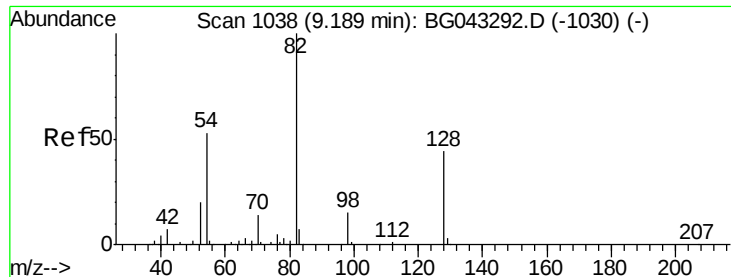
Tot Ion: 94 Resp: 34524
Ion Ratio Lower Upper
94 100
65 30.8 12.6 52.6
66 48.5 30.7 70.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043516.D
Acq: 5 Nov 2019 20:24

Tgt Ion: 136 Resp: 194234
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 7.7 5.4 8.2
68 4.3 3.0 4.4

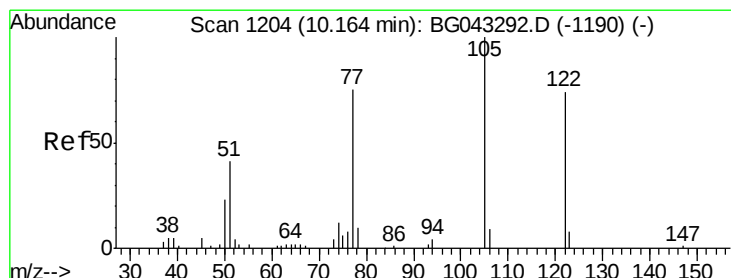
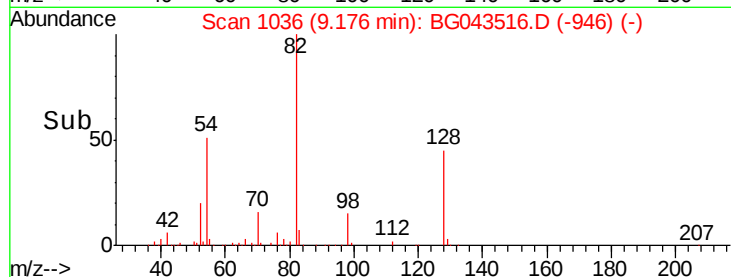
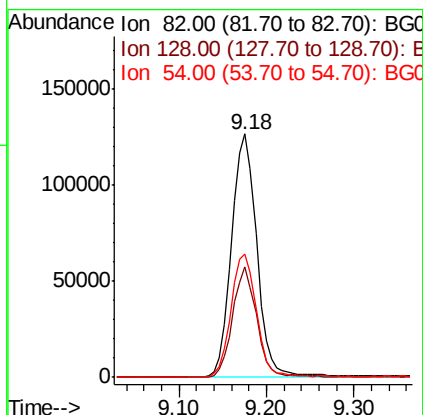
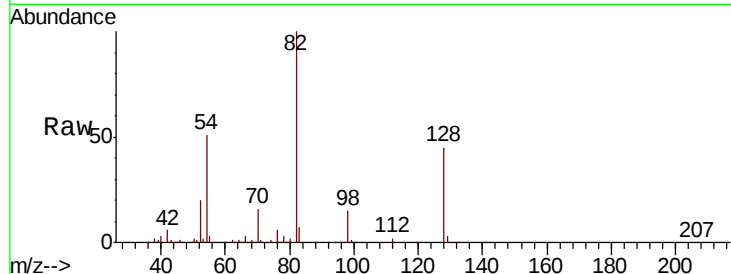




#23
Nitrobenzene-d5
Concen: 66.165 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043516.D
Acq: 5 Nov 2019 20:24

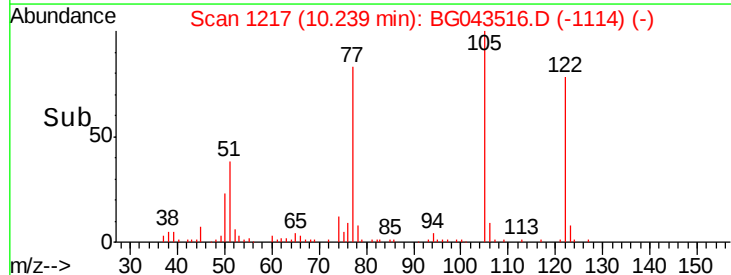
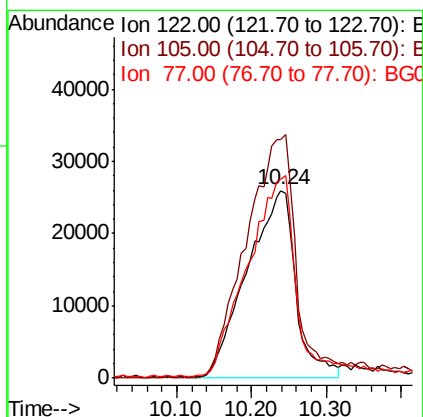
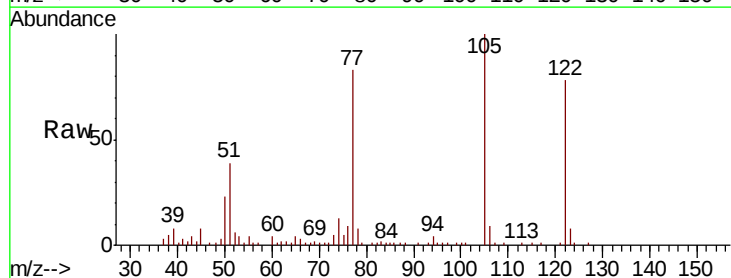
Instrument :
BNA_G
ClientSampleId :
DRUM-COMPRES

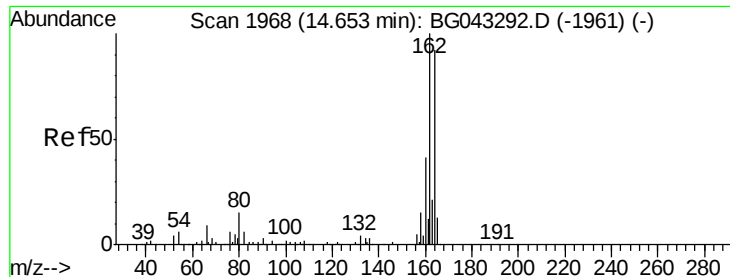
Tot Ion: 82 Resp: 249281
Ion Ratio Lower Upper
82 100
128 45.1 35.0 52.6
54 50.8 40.2 60.2



#32
Benzoic acid
Concen: 59.219 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.08 min
Lab File: BG043516.D
Acq: 5 Nov 2019 20:24

Tgt Ion: 122 Resp: 117236
Ion Ratio Lower Upper
122 100
105 127.6 103.3 143.3
77 106.0 84.9 124.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043516.D

Acq: 5 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

DRUM-COMPRE

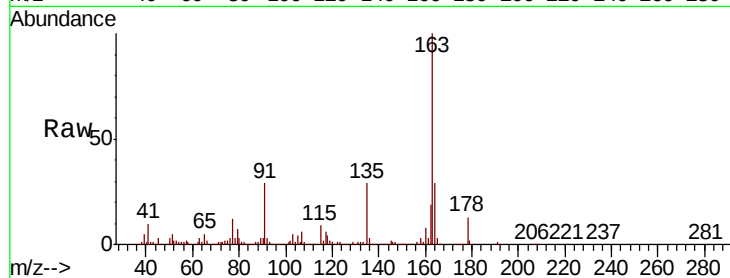
Tot Ion:164 Resp: 542710

Ion Ratio Lower Upper

164 100

162 66.1 83.5 125.3#

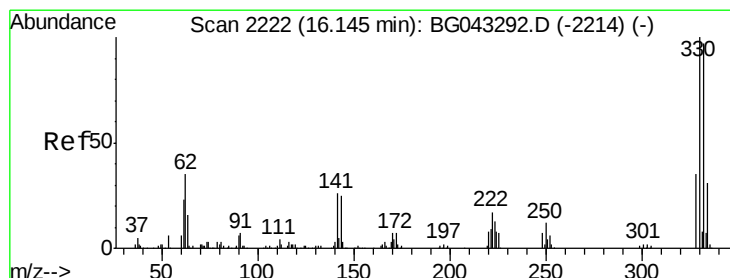
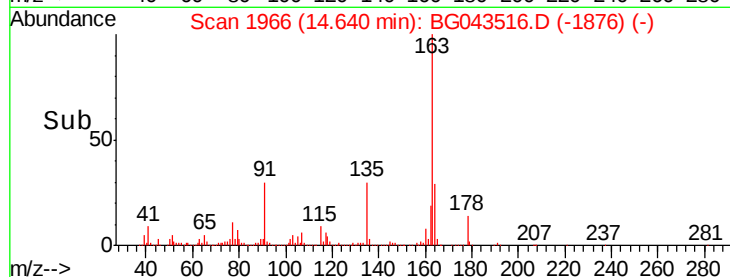
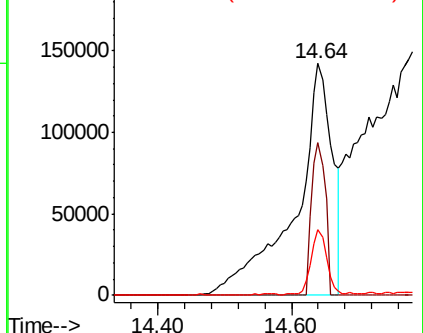
160 28.5 36.5 54.7#



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: 24.560 ng

RT: 16.14 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BG043516.D

Acq: 5 Nov 2019 20:24

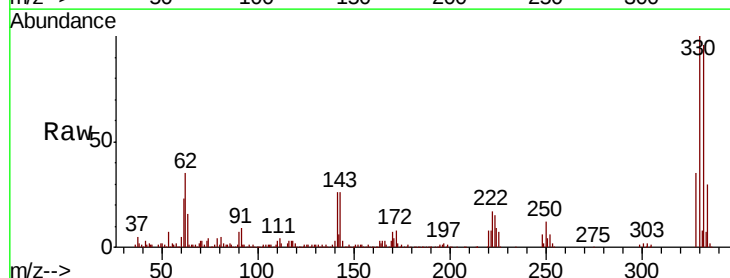
Tgt Ion:330 Resp: 253652

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.0

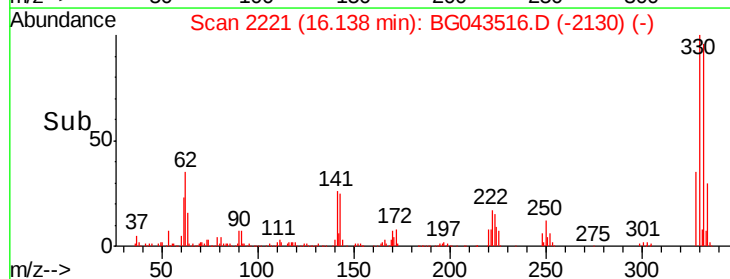
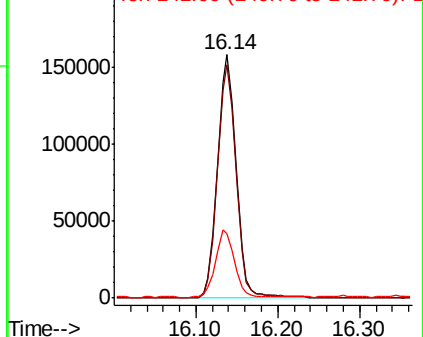
141 27.6 22.8 34.2

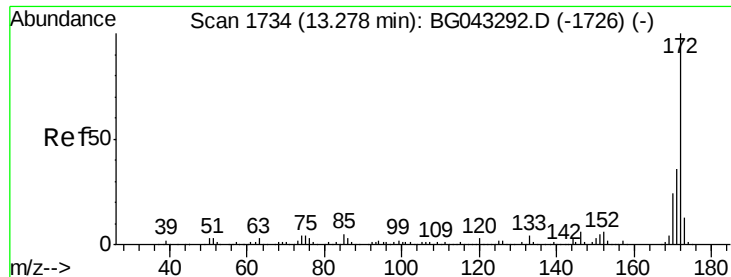


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

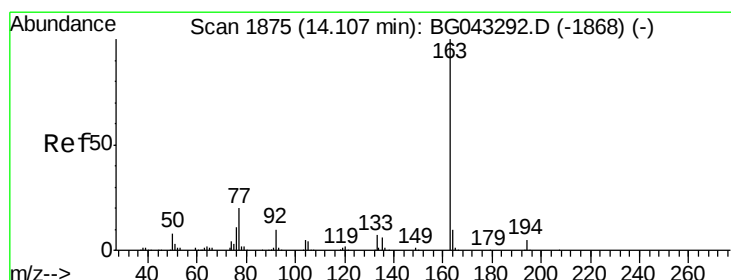
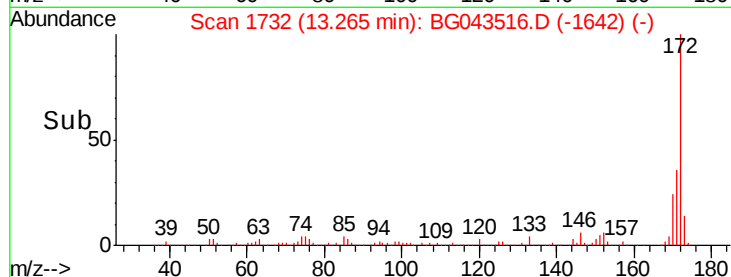
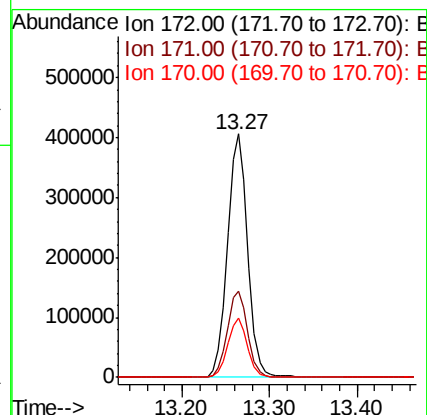
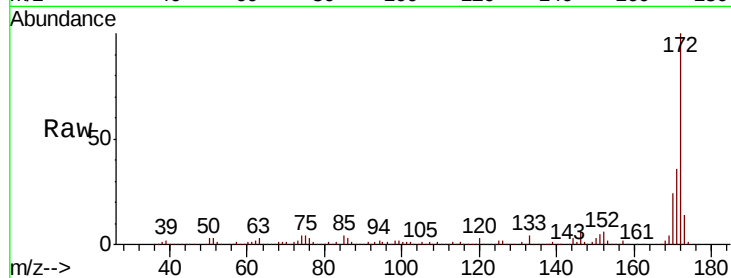




#45
2-Fluorobiphenyl
Concen: 16.390 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043516.D
Acq: 5 Nov 2019 20:24

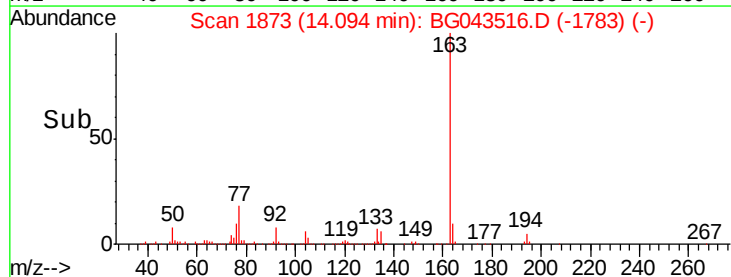
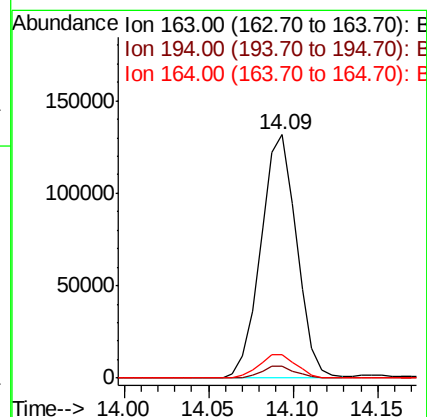
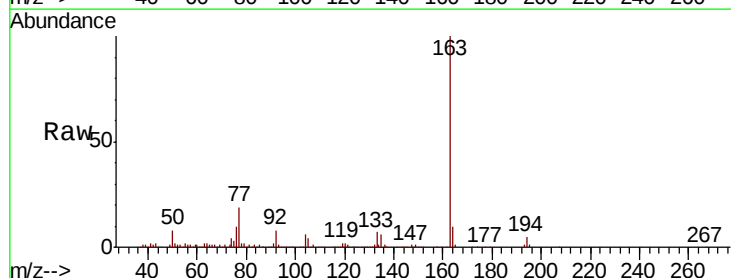
Instrument :
BNA_G
ClientSampleId :
DRUM-COMP

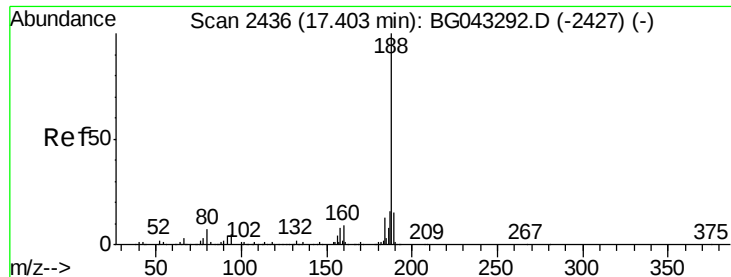
Tot Ion:172 Resp: 643744
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 24.3 18.5 27.7



#50
Dimethylphthalate
Concen: 4.630 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BG043516.D
Acq: 5 Nov 2019 20:24

Tgt Ion:163 Resp: 194624
Ion Ratio Lower Upper
163 100
194 4.7 3.8 5.6
164 9.8 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG043516.D

Acq: 5 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

DRUM-COMPRES

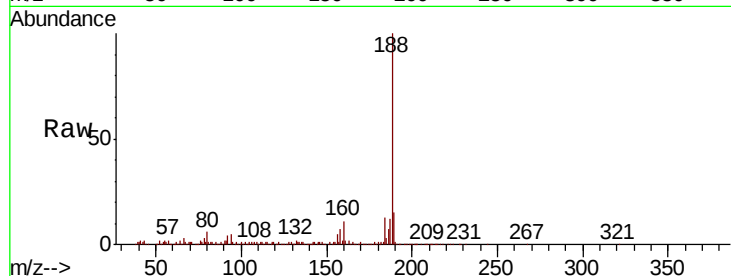
Tot Ion:188 Resp: 298167

Ion Ratio Lower Upper

188 100

94 4.9 4.2 6.4

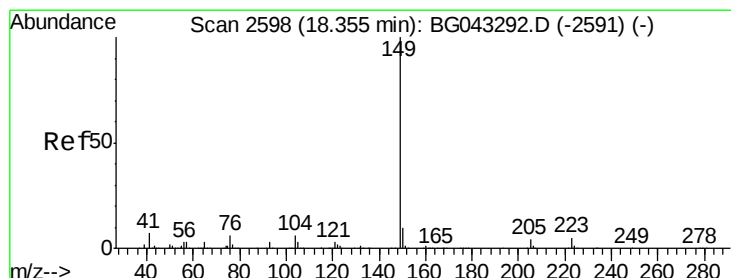
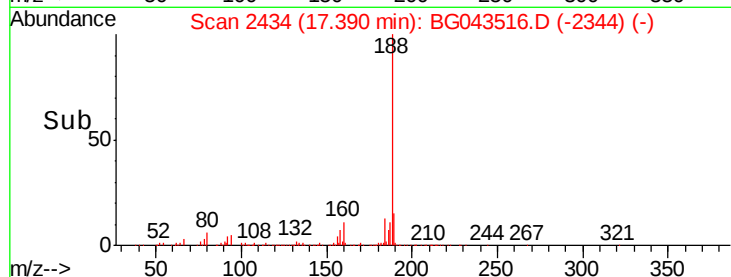
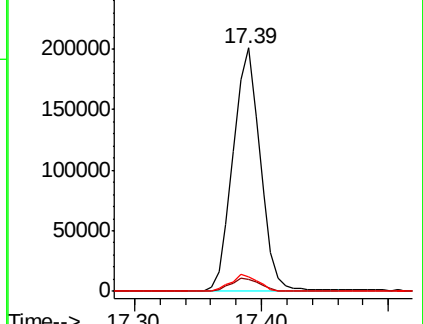
80 6.2 4.5 6.7



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



#74

Di-n-butylphthalate

Concen: 9.603 ng

RT: 18.35 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BG043516.D

Acq: 5 Nov 2019 20:24

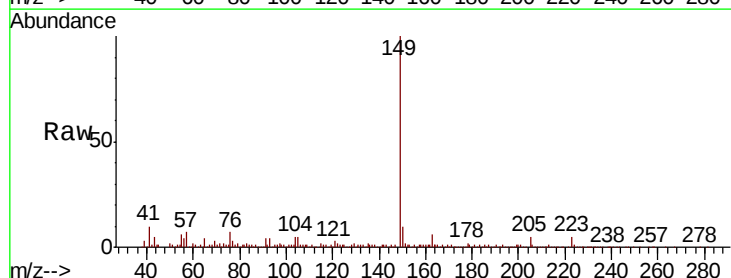
Tgt Ion:149 Resp: 161187

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

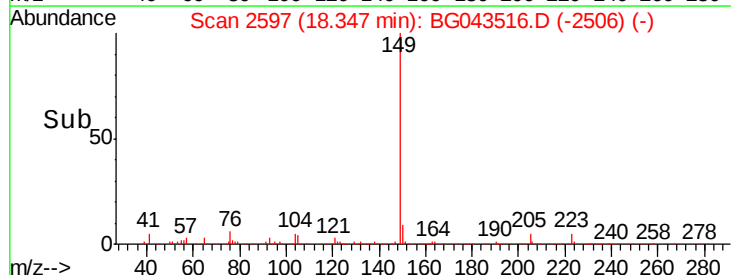
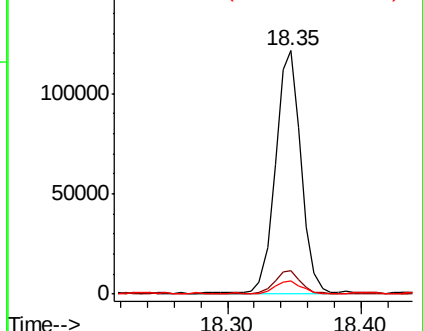
104 5.3 4.4 6.6

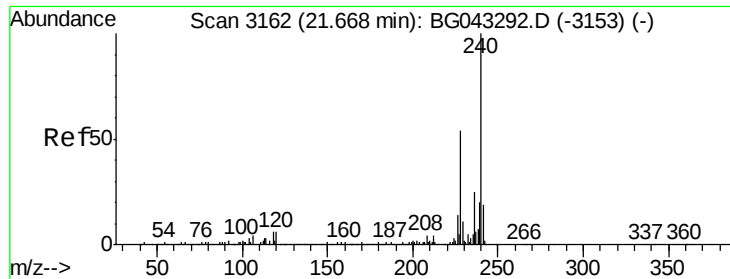


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

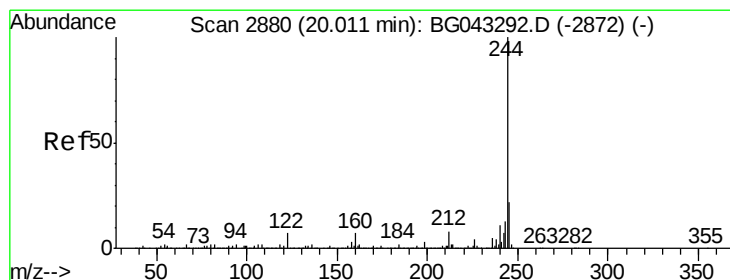
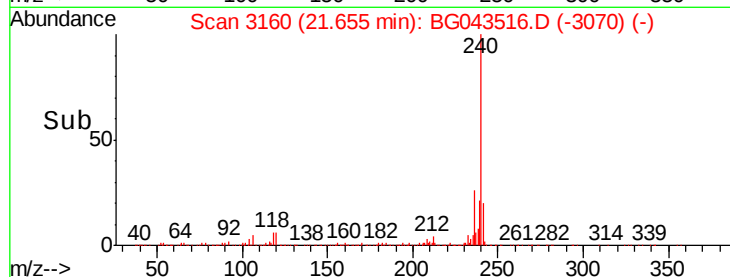
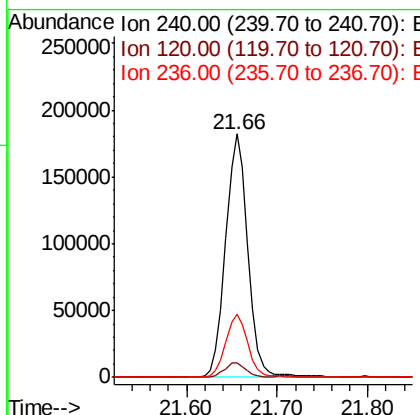
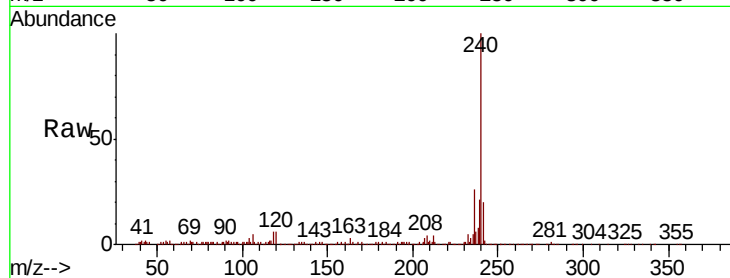




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3160
 Delta R.T. -0.00 min
 Lab File: BG043516.D
 Acq: 5 Nov 2019 20:24

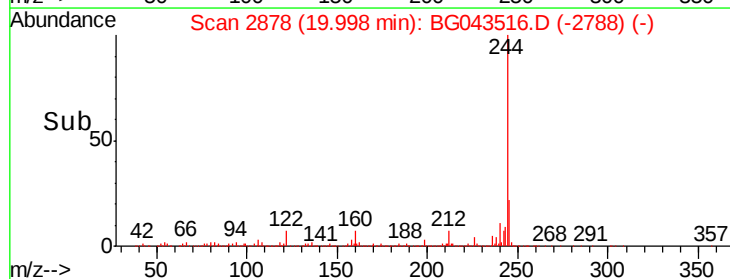
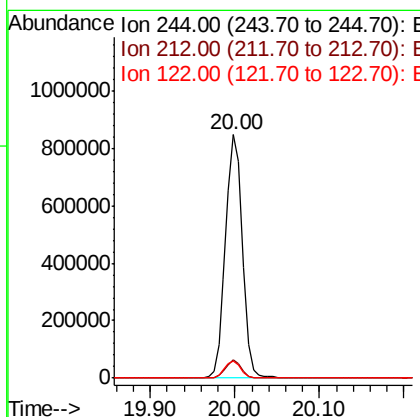
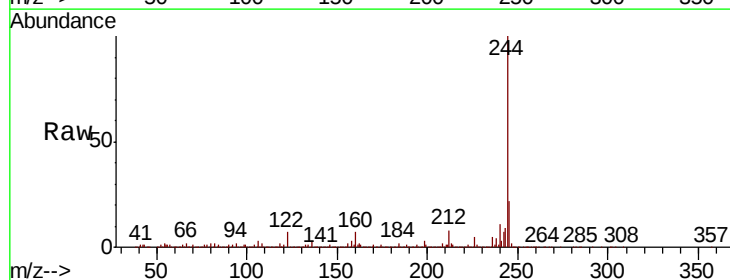
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-COMP

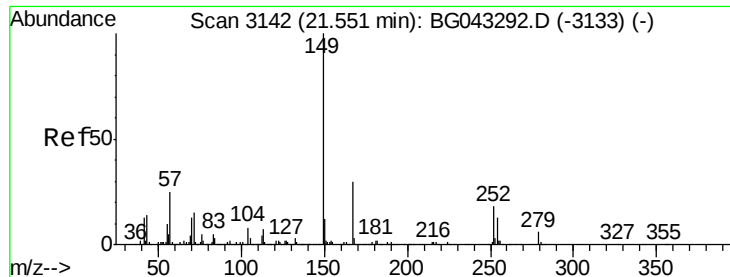
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.6	6.8
236	25.9	19.8	29.8



#79
 Terphenyl-d14
 Concen: 70.933 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043516.D
 Acq: 5 Nov 2019 20:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	7.2	5.4	8.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.273 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG043516.D

Acq: 5 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

DRUM-COMP

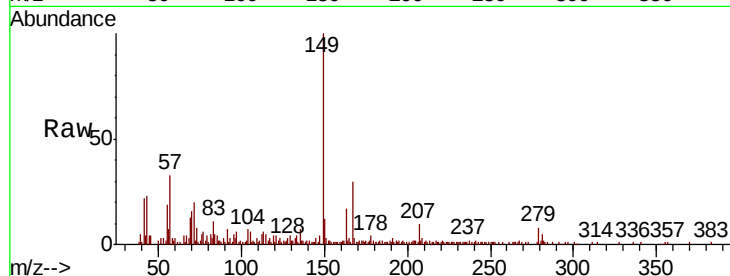
Tot Ion:149 Resp: 44154

Ion Ratio Lower Upper

149 100

167 29.7 24.0 36.0

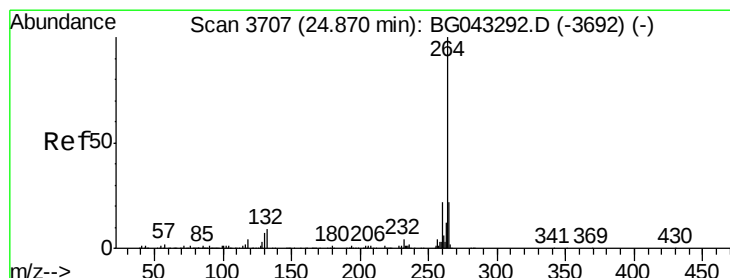
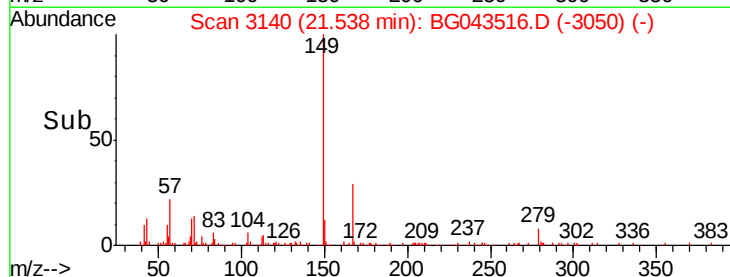
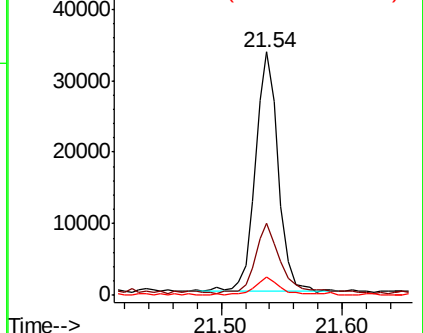
279 7.8 5.4 8.2



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

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043516.D

Acq: 5 Nov 2019 20:24

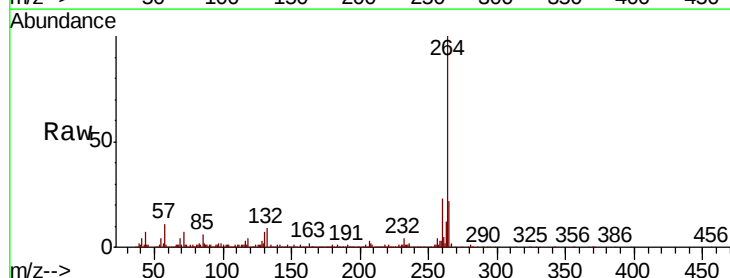
Tgt Ion:264 Resp: 368315

Ion Ratio Lower Upper

264 100

260 23.0 17.5 26.3

265 22.1 17.4 26.0



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

