

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045704.D
 Acq On : 10 Jun 2020 23:20
 Operator : CG/JU
 Sample : L2965-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAFE-COMP

Quant Time: Jun 11 01:25:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

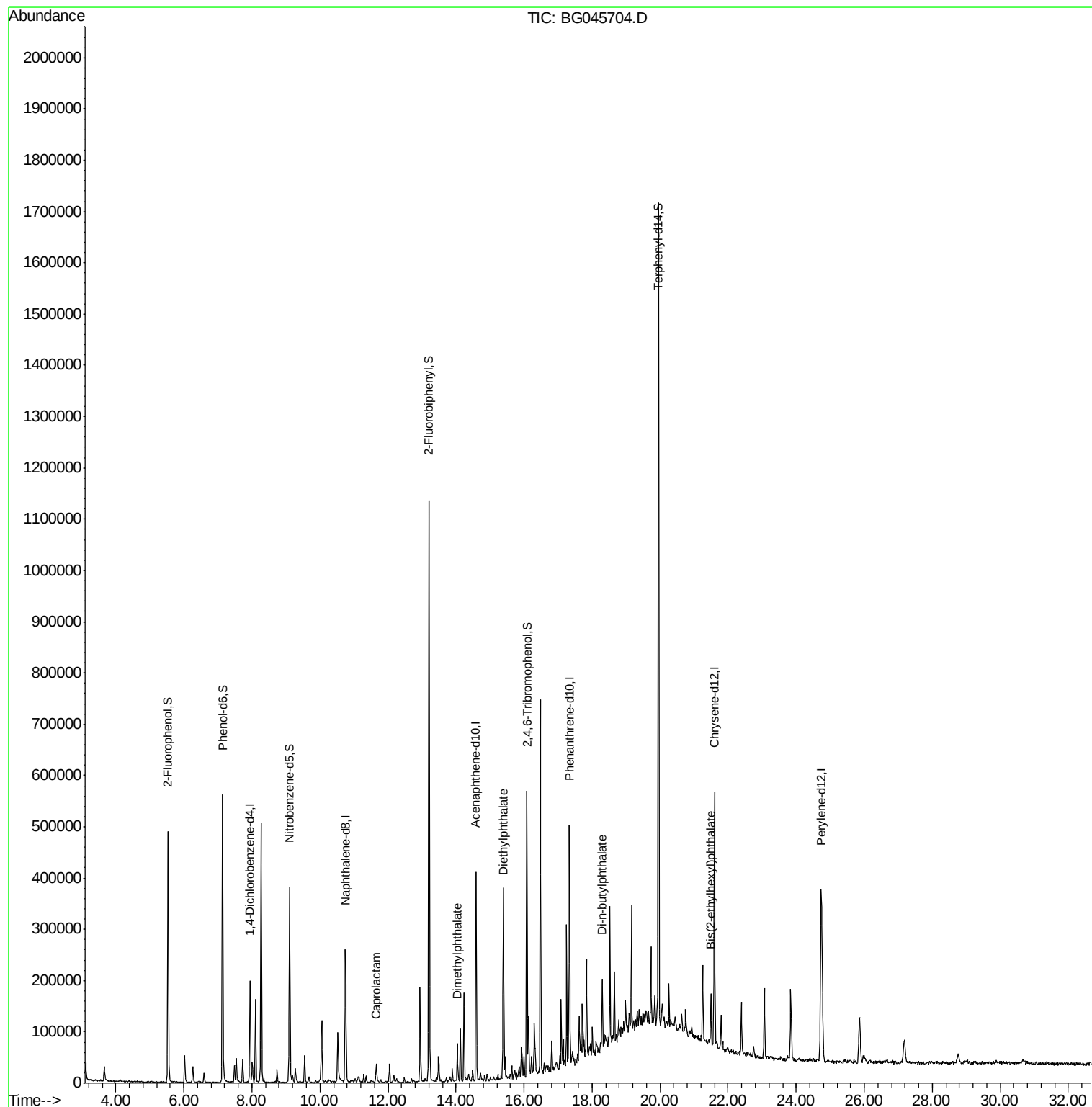
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	58781	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	233910	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	154322	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	312997	20.00	ng	0.00
76) Chrysene-d12	21.59	240	311363	20.00	ng	0.00
87) Perylene-d12	24.74	264	358899	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	234255	77.88	ng	0.00
7) Phenol-d6	7.14	99	376869	88.03	ng	0.00
23) Nitrobenzene-d5	9.10	82	269797	62.90	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	117248	59.41	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	597525	65.68	ng	0.00
79) Terphenyl-d14	19.95	244	848405	63.55	ng	0.00
Target Compounds						
35) Caprolactam	11.65	113	8820	6.979	ng	Qvalue # 88
50) Dimethylphthalate	14.04	163	44963	4.247	ng	98
60) Diethylphthalate	15.40	149	40315	3.659	ng	95
74) Di-n-butylphthalate	18.30	149	100872	6.283	ng	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	41525	3.943	ng	97

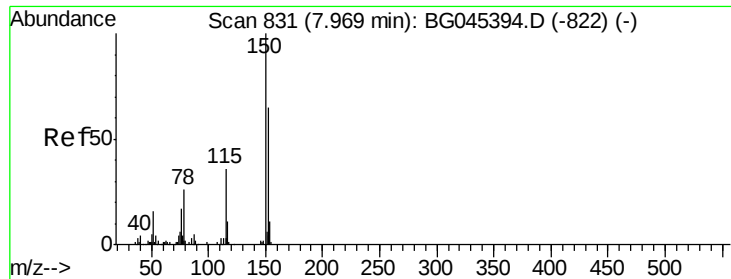
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration



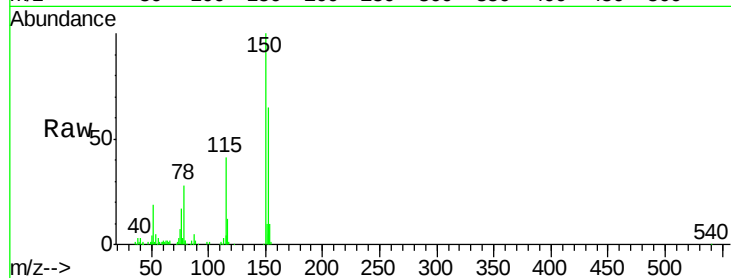


#1

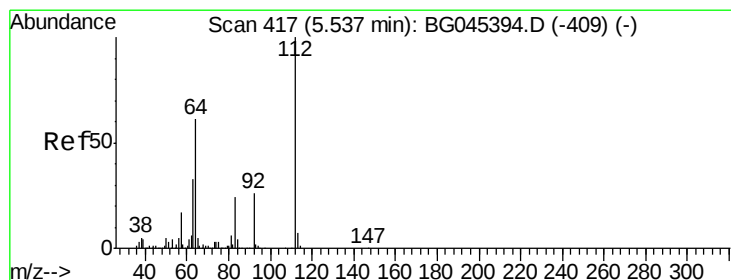
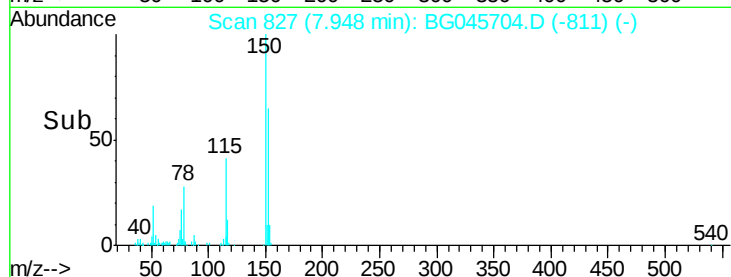
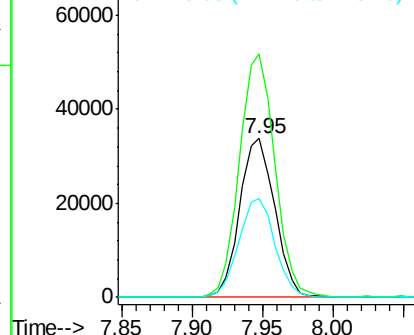
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Instrument :
BNA_G
ClientSampleId :
SAFE-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	122.4	183.6
115	62.6	44.2	66.4



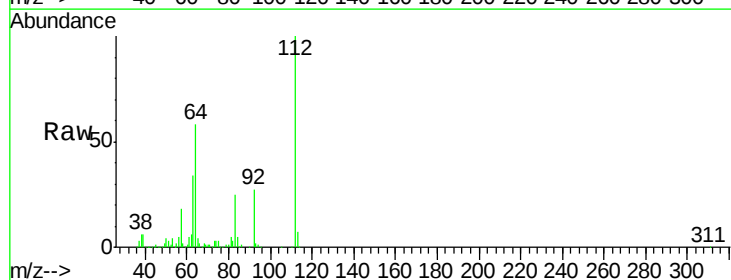
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



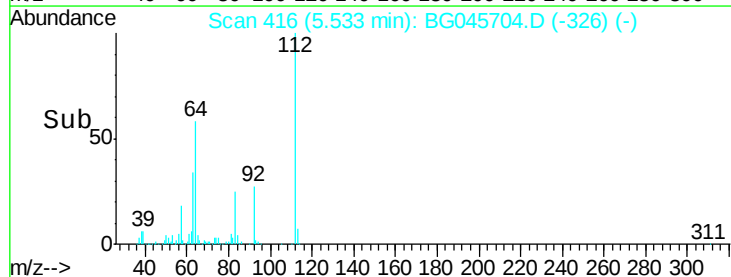
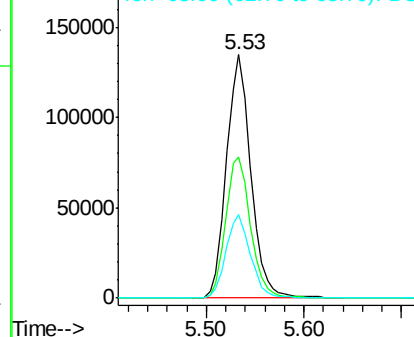
#5

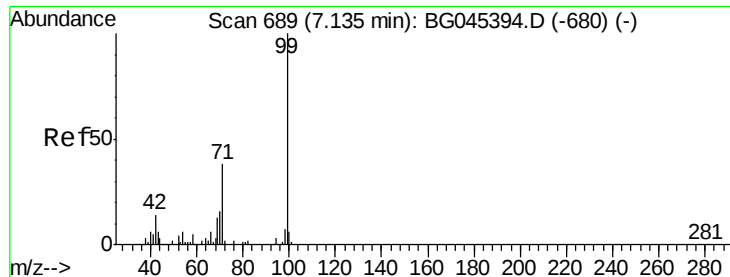
2-Fluorophenol
Concen: 77.883 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	48.6	72.8
63	34.4	26.5	39.7



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: 88.033 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

BNA_G

ClientSampleId :

SAFE-COMP

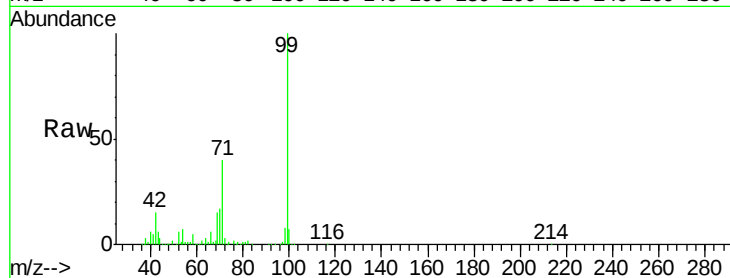
Tot Ion: 99 Resp: 376869

Ion Ratio Lower Upper

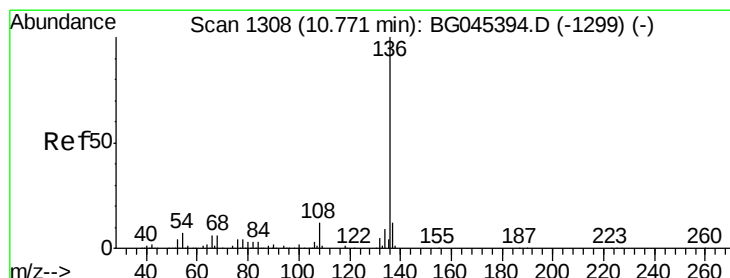
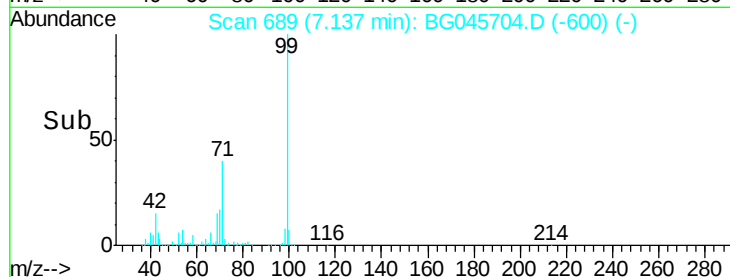
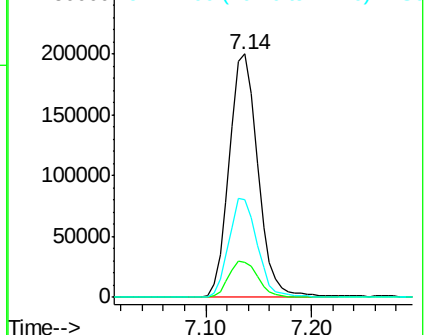
99 100

42 14.6 11.3 16.9

71 40.2 30.8 46.2



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: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Tgt Ion: 136 Resp: 233910

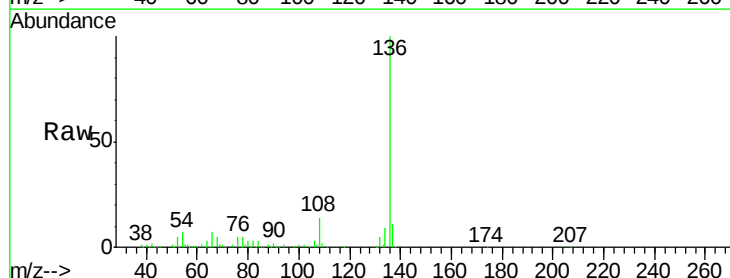
Ion Ratio Lower Upper

136 100

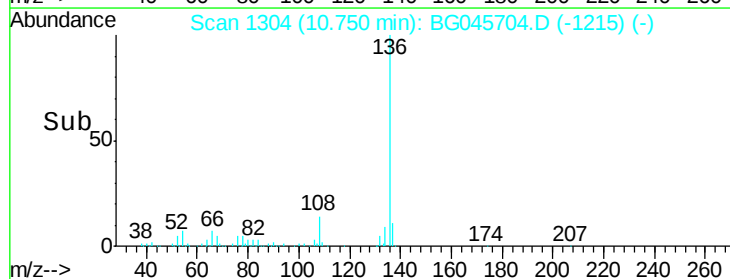
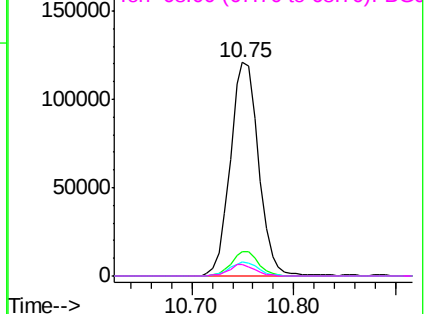
137 11.2 9.4 14.2

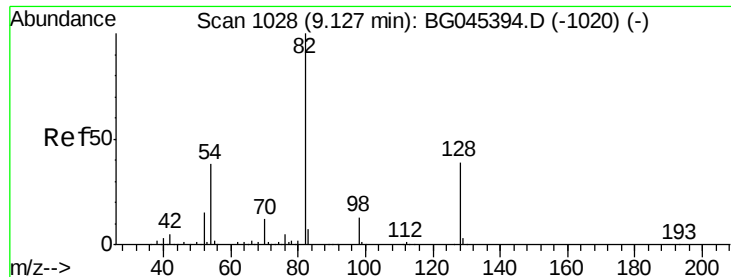
54 6.5 5.8 8.6

68 5.2 4.5 6.7



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

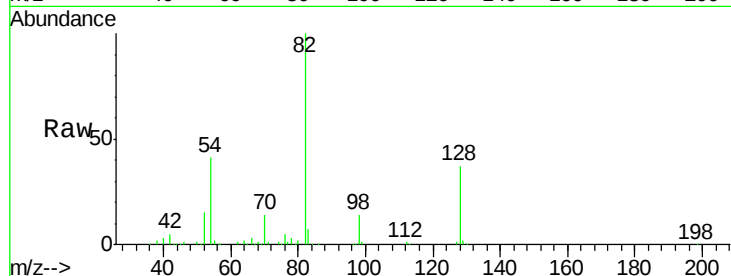




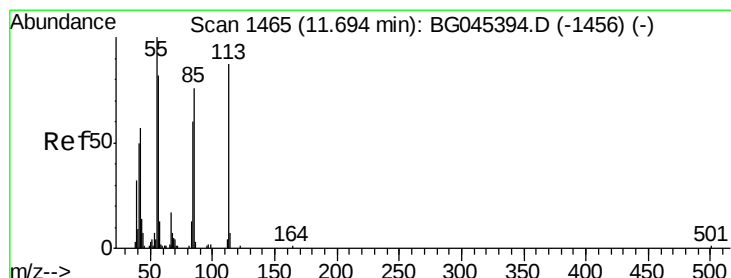
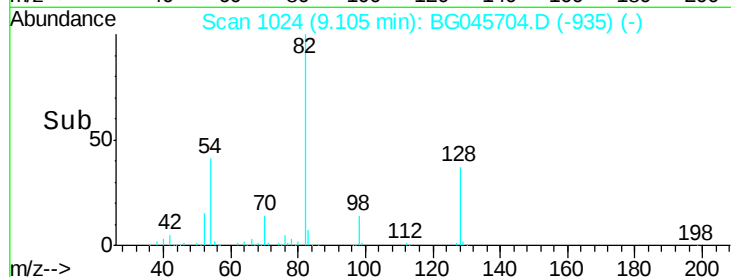
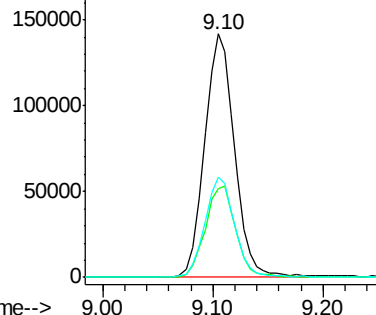
#23
Nitrobenzene-d5
Concen: 62.898 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Instrument :
BNA_G
ClientSampleId :
SAFE-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.5	30.9	46.3
54	41.1	30.3	45.5

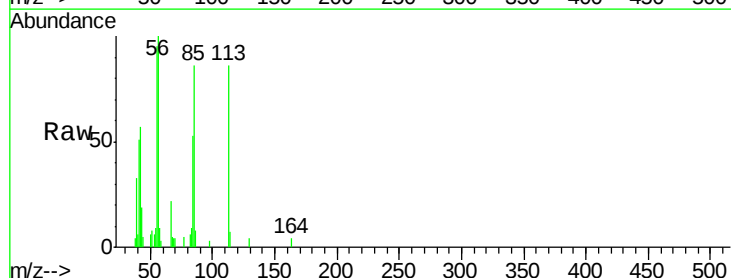


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

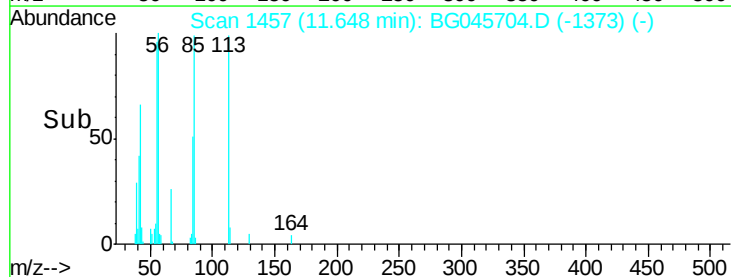
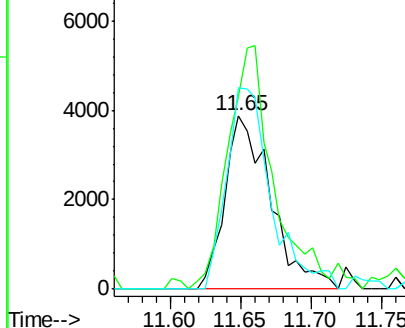


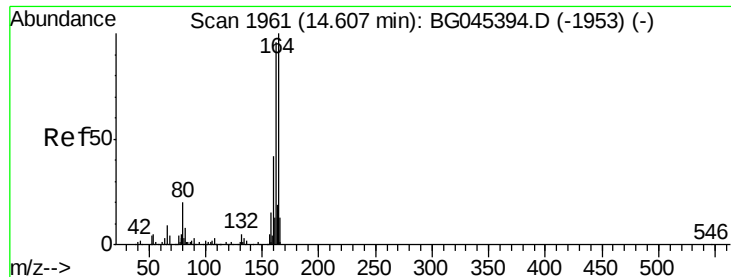
#35
Caprolactam
Concen: 6.979 ng
RT: 11.65 min Scan# 1457
Delta R.T. -0.04 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Tgt Ion	Ratio	Lower	Upper
113	100		
55	110.7	96.0	136.0
56	116.2	75.1	115.1#



Abundance Ion 113.00 (112.70 to 113.70): BGC
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

BNA_G

ClientSampleId :

SAFE-COMP

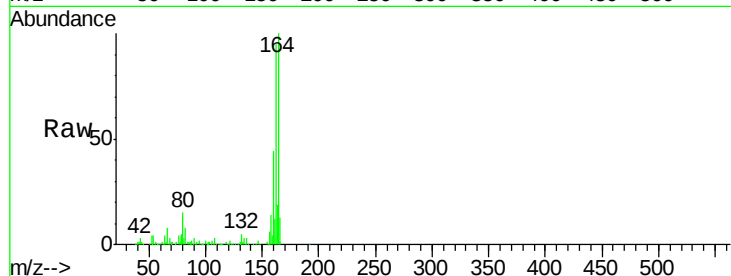
Tot Ion:164 Resp: 154322

Ion Ratio Lower Upper

164 100

162 95.3 76.9 115.3

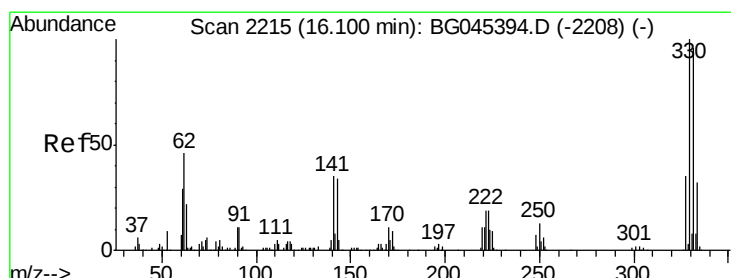
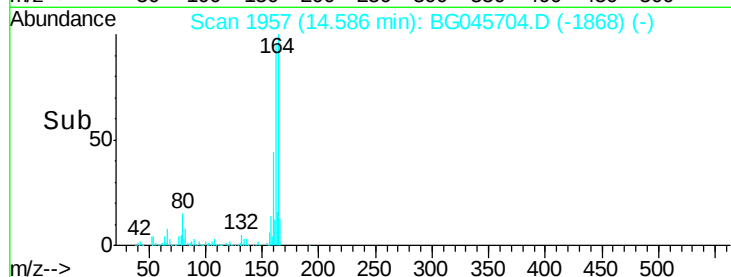
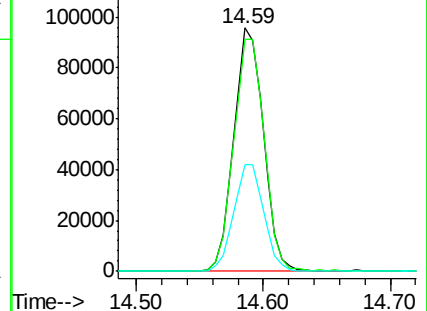
160 44.1 33.8 50.8



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: 59.408 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

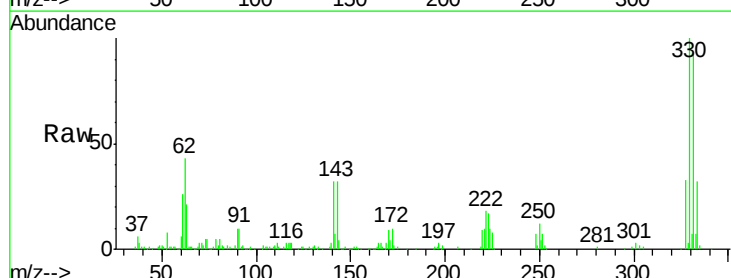
Tgt Ion:330 Resp: 117248

Ion Ratio Lower Upper

330 100

332 97.3 78.2 117.4

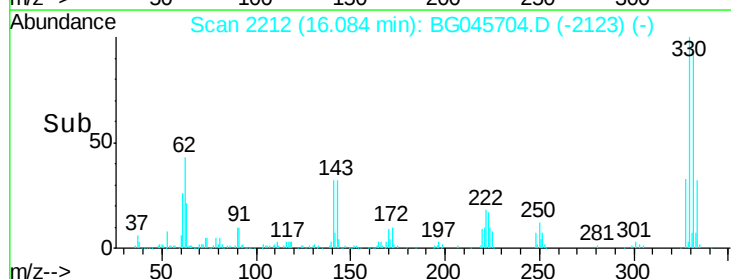
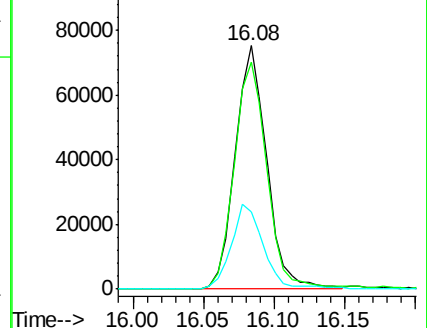
141 36.1 28.2 42.4

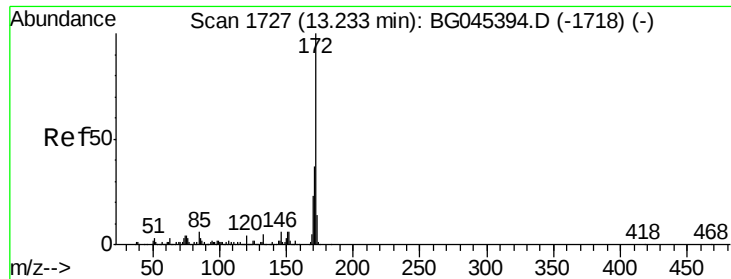


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

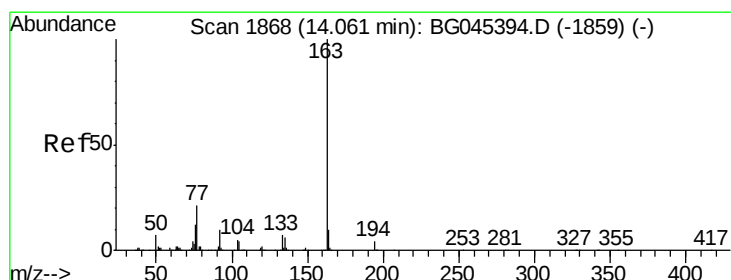
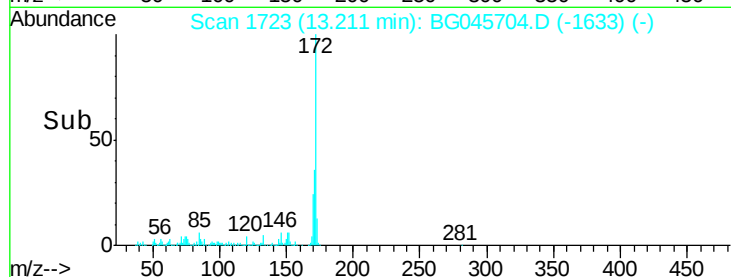
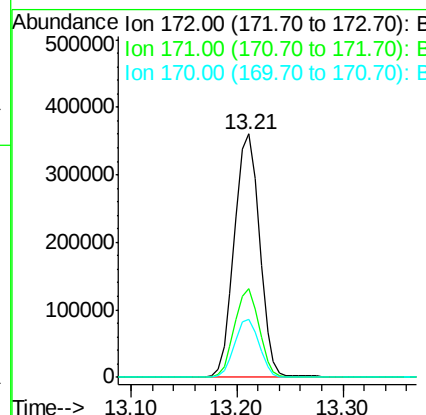
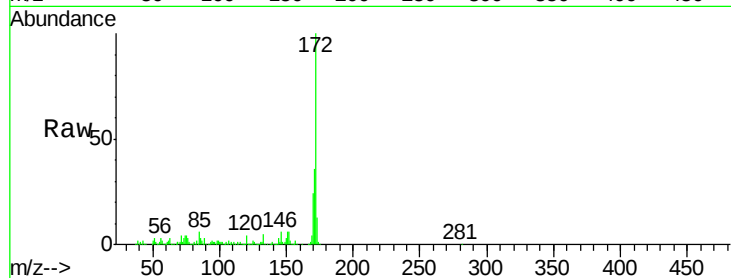




#45
2-Fluorobiphenyl
Concen: 65.676 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

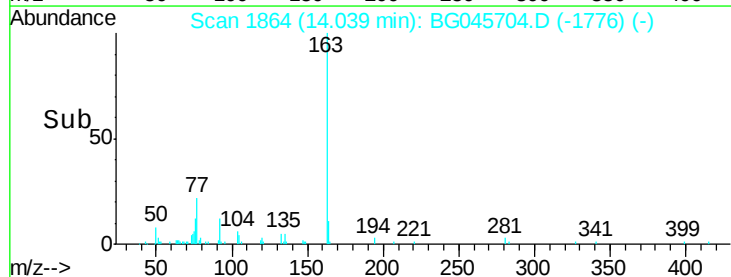
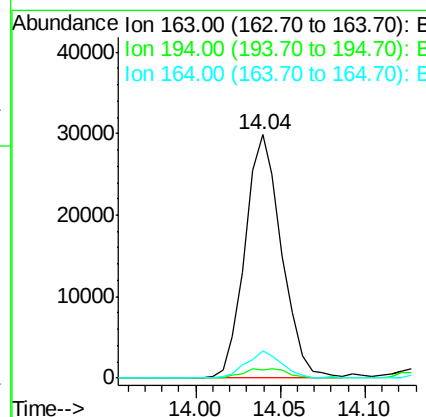
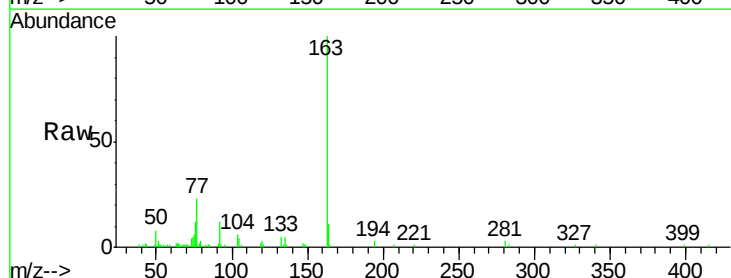
Instrument :
BNA_G
ClientSampleId :
SAFE-COMP

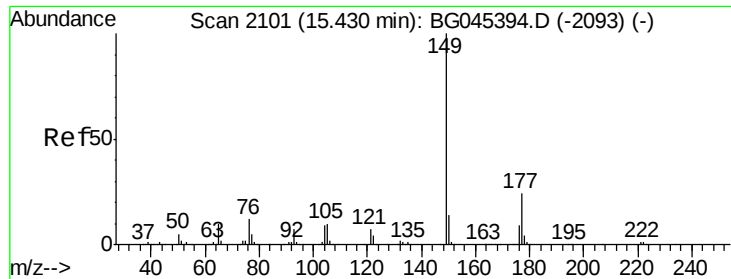
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.5	44.3
170	23.6	18.5	27.7



#50
Dimethylphthalate
Concen: 4.247 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	11.3	8.3	12.5

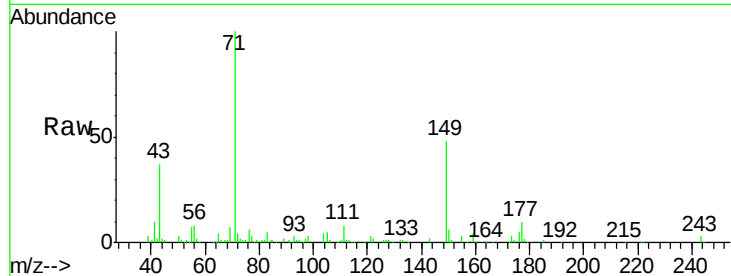




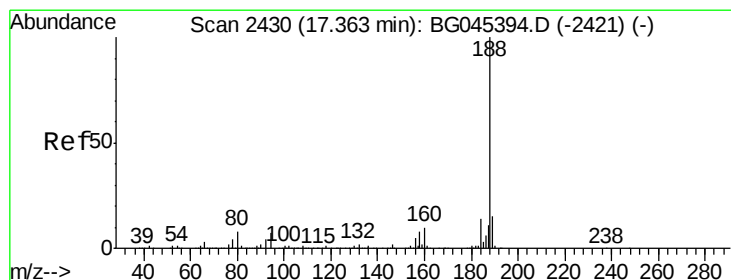
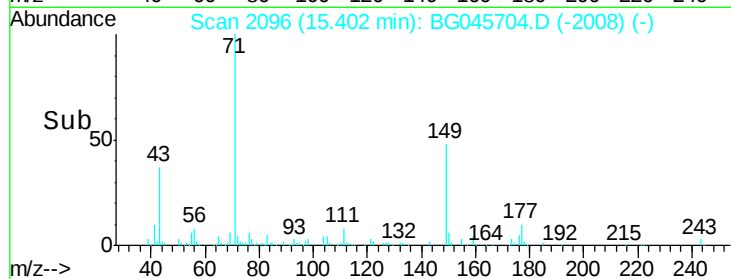
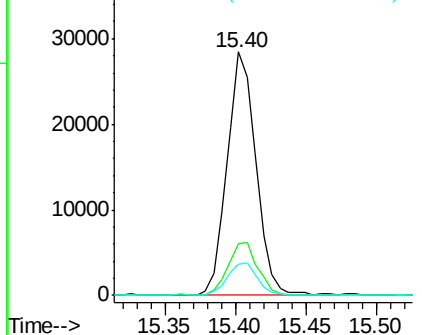
#60
Diethylphthalate
Concen: 3.659 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Instrument :
BNA_G
ClientSampleId :
SAFE-COMP

Tot Ion:149 Resp: 40315
Ion Ratio Lower Upper
149 100
177 21.3 19.0 28.4
150 12.6 11.4 17.0

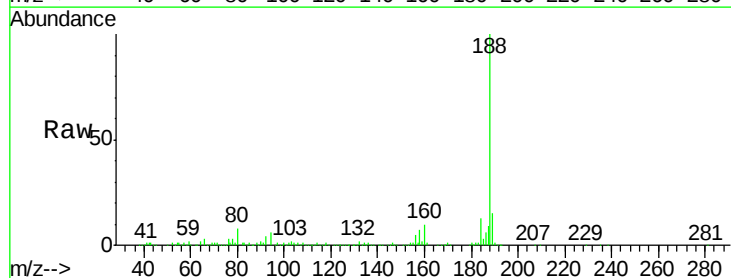


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

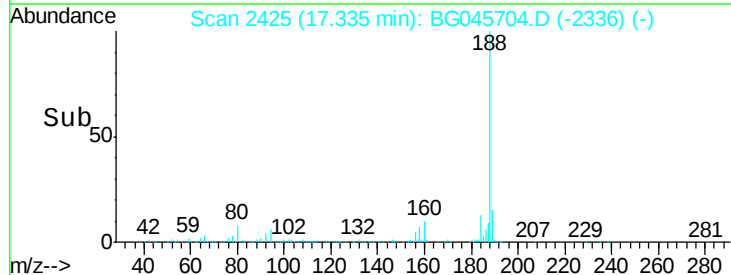
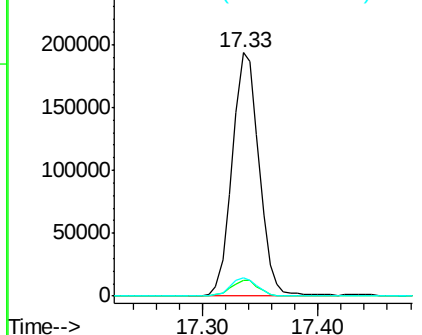


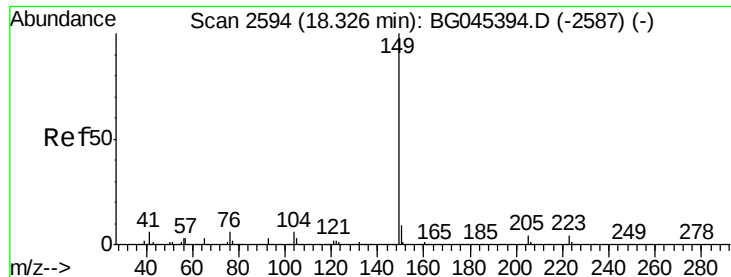
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG045704.D
Acq: 10 Jun 2020 23:20

Tgt Ion:188 Resp: 312997
Ion Ratio Lower Upper
188 100
94 6.2 5.5 8.3
80 7.5 6.6 10.0



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: 6.283 ng

RT: 18.30 min Scan# 2589

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

BNA_G

ClientSampleId :

SAFE-COMP

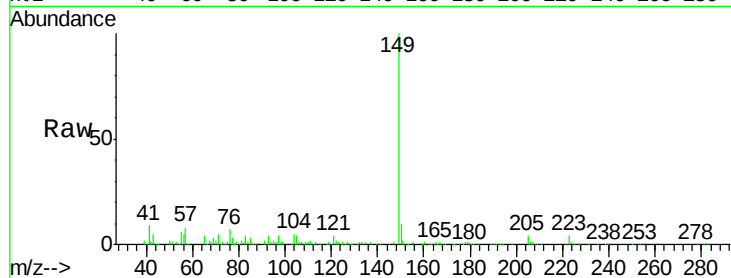
Tot Ion:149 Resp: 100872

Ion Ratio Lower Upper

149 100

150 9.9 7.6 11.4

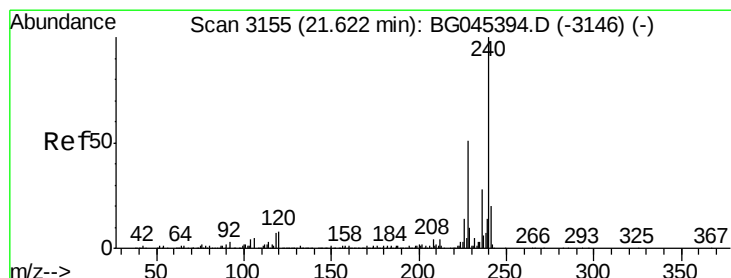
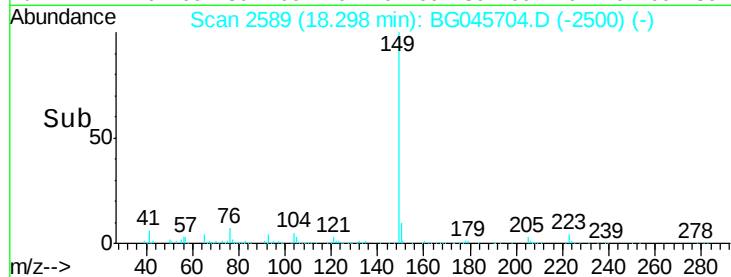
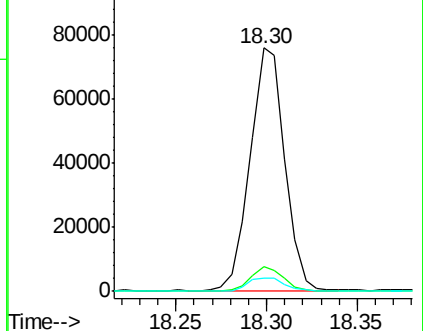
104 5.3 5.0 7.4



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

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

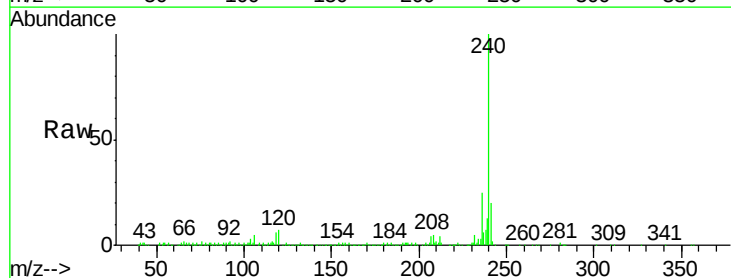
Tgt Ion:240 Resp: 311363

Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

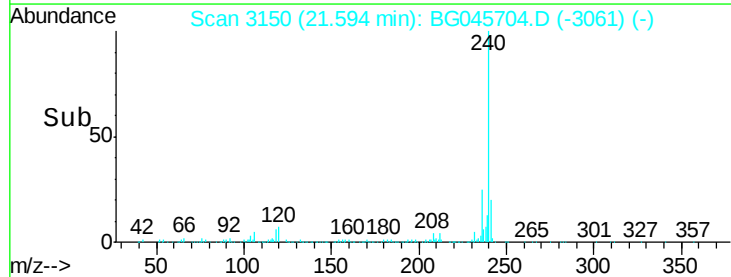
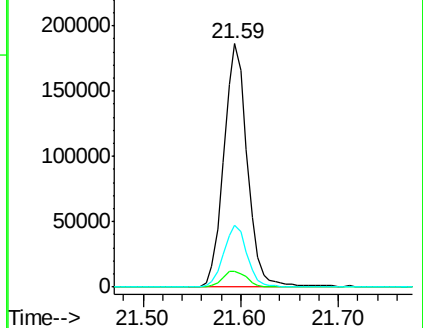
236 25.4 22.3 33.5

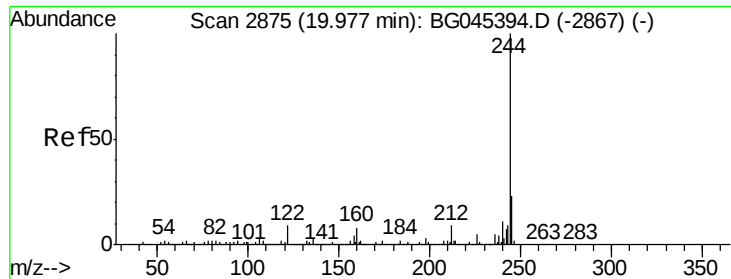


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.551 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

Instrument :

BNA_G

ClientSampleId :

SAFE-COMP

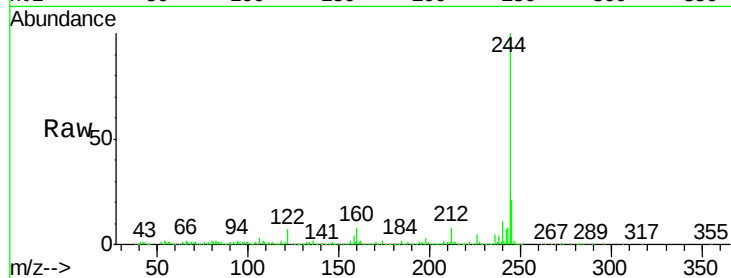
Tot Ion:244 Resp: 848405

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.0

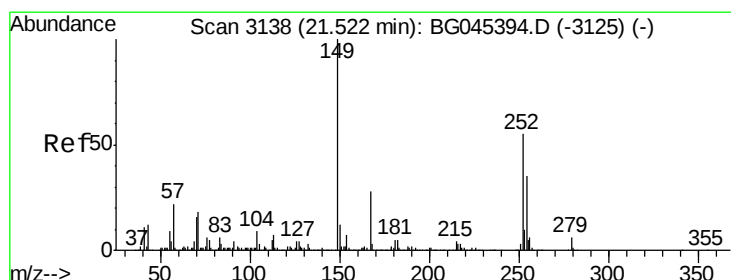
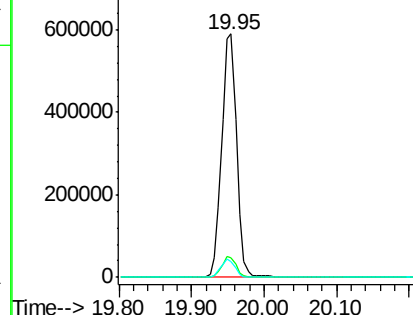
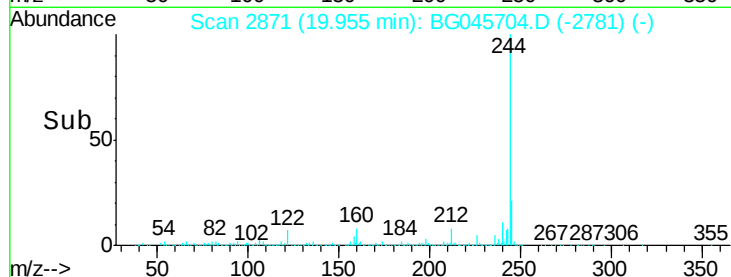
122 6.7 6.8 10.2#



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: 3.943 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045704.D

Acq: 10 Jun 2020 23:20

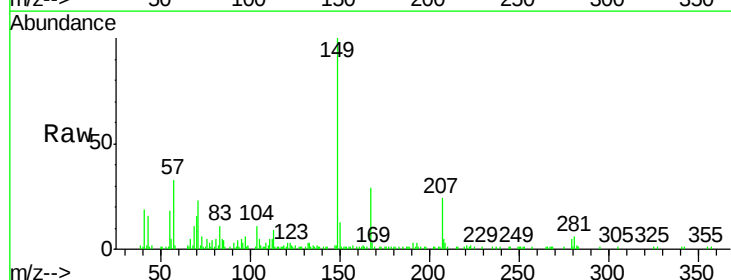
Tgt Ion:149 Resp: 41525

Ion Ratio Lower Upper

149 100

167 29.1 22.2 33.2

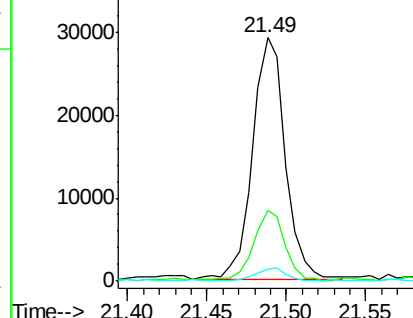
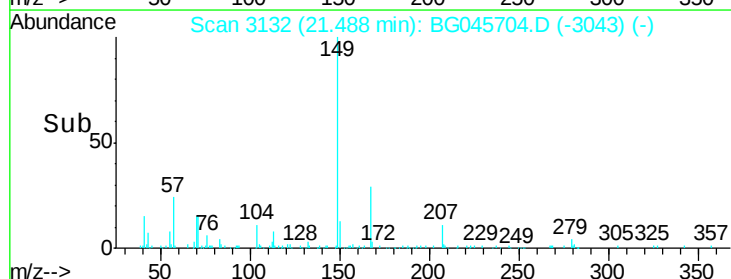
279 5.0 4.7 7.1

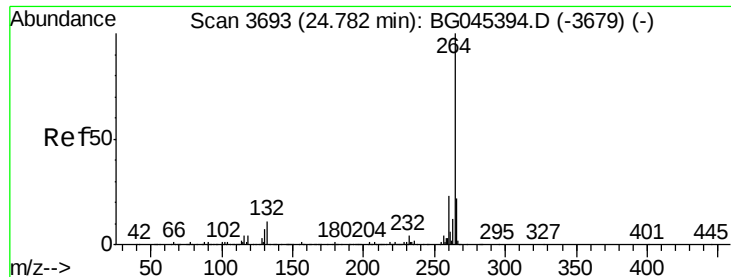


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

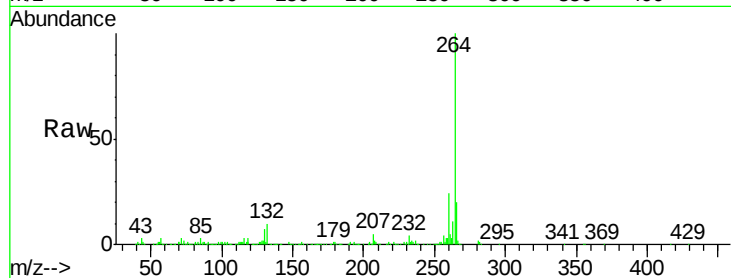




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.74 min Scan# 3685
 Delta R.T. -0.02 min
 Lab File: BG045704.D
 Acq: 10 Jun 2020 23:20

Instrument :
 BNA_G
 ClientSampleId :
 SAFE-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	20.1	17.6	26.4



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

