

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045715.D
 Acq On : 11 Jun 2020 9:25
 Operator : CG/JU
 Sample : L2965-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MASON-BRICK-COMP-2

Quant Time: Jun 11 10:42:11 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

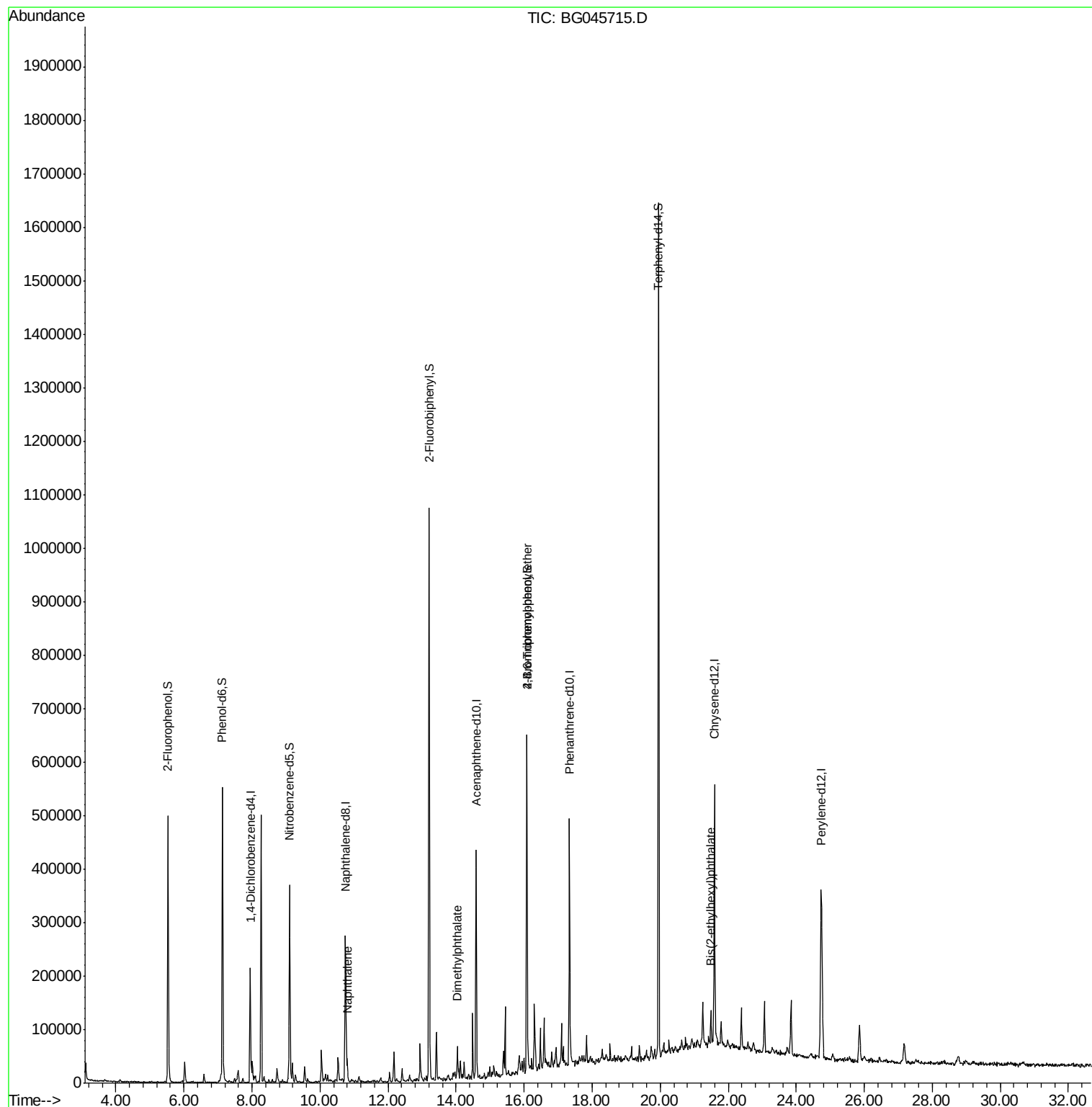
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60288	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	238360	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	155969	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	315815	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	309650	20.00	ng	-0.01
87) Perylene-d12	24.74	264	350213	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	242565	78.63	ng	0.00
7) Phenol-d6	7.13	99	365911	83.34	ng	-0.02
23) Nitrobenzene-d5	9.10	82	254300	58.18	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	131057	65.70	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	567133	61.68	ng	0.00
79) Terphenyl-d14	19.95	244	812185	61.17	ng	0.00
Target Compounds						
31) Naphthalene	10.80	128	25625	2.307	ng	# 96
50) Dimethylphthalate	14.04	163	38068	3.558	ng	# 98
67) 4-Bromophenyl-phenylether	16.08	248	8996	2.631	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.49	149	27589	2.634	ng	98

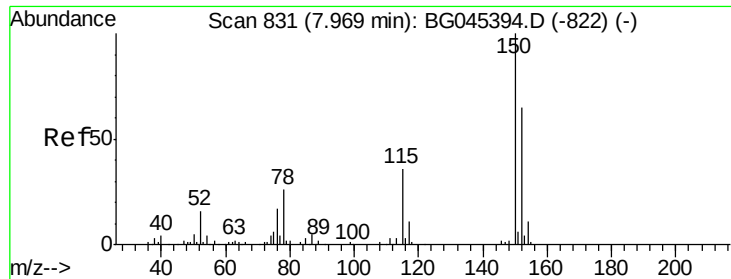
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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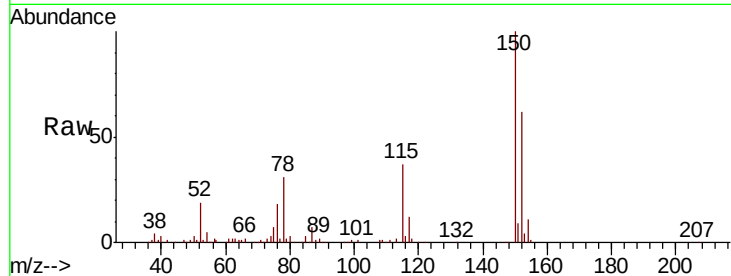


#1

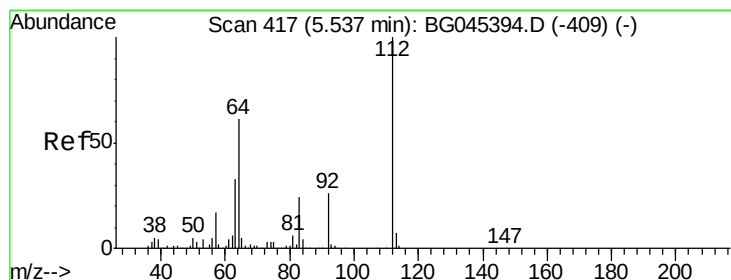
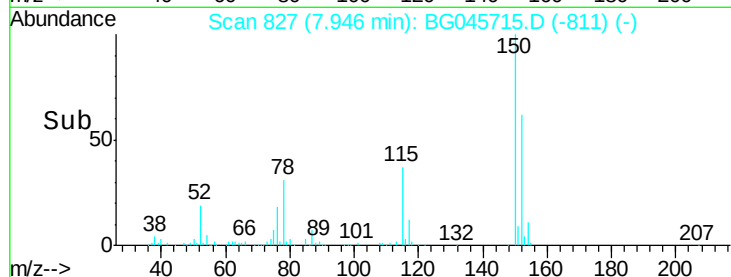
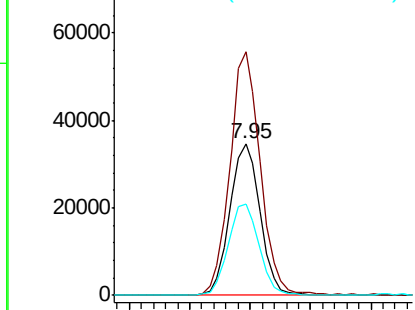
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG045715.D
 Acq: 11 Jun 2020 9:25

Instrument :
 BNA_G
 ClientSampleId :
 MASON-BRICK-COMP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	122.4	183.6
115	59.8	44.2	66.4



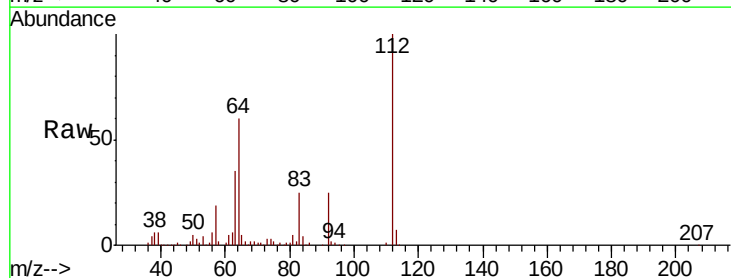
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



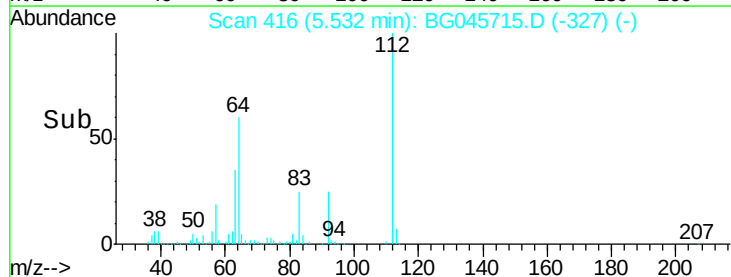
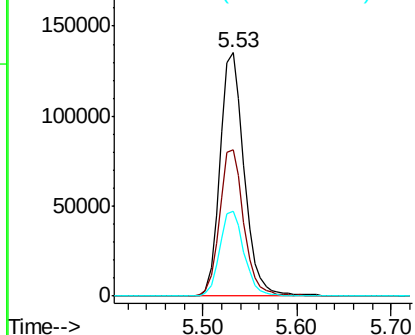
#5

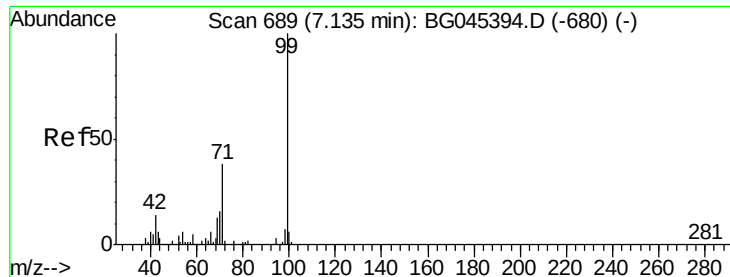
2-Fluorophenol
 Concen: 78.630 ng
 RT: 5.53 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BG045715.D
 Acq: 11 Jun 2020 9:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	48.6	72.8
63	34.8	26.5	39.7



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: 83.337 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-2

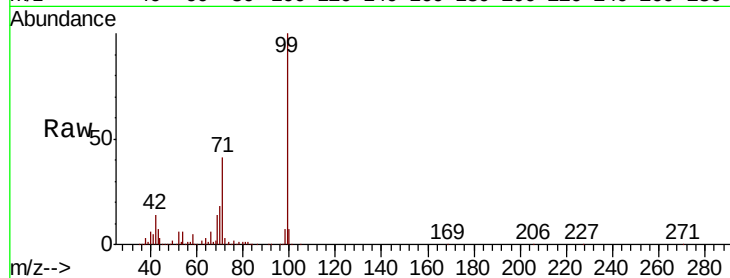
Tot Ion: 99 Resp: 365911

Ion Ratio Lower Upper

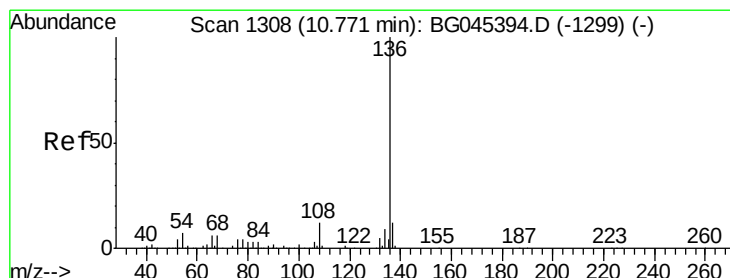
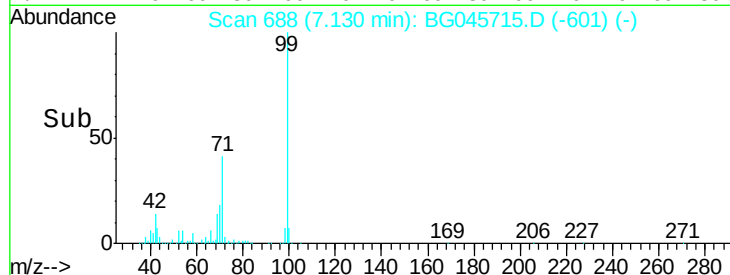
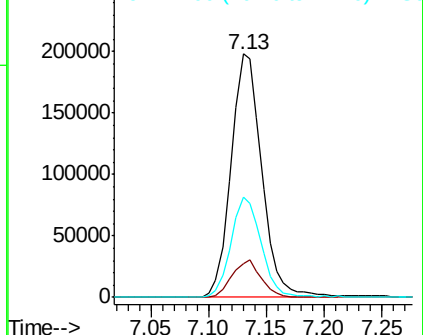
99 100

42 14.0 11.3 16.9

71 41.2 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: BG045715.D

Acq: 11 Jun 2020 9:25

Tgt Ion: 136 Resp: 238360

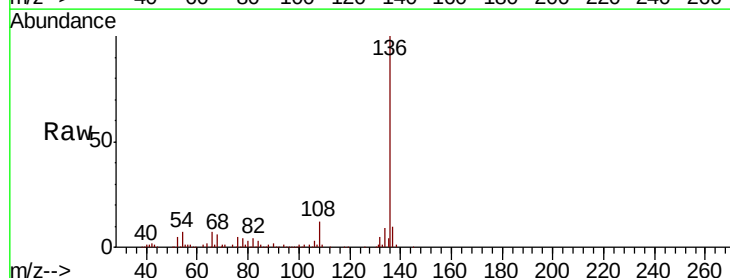
Ion Ratio Lower Upper

136 100

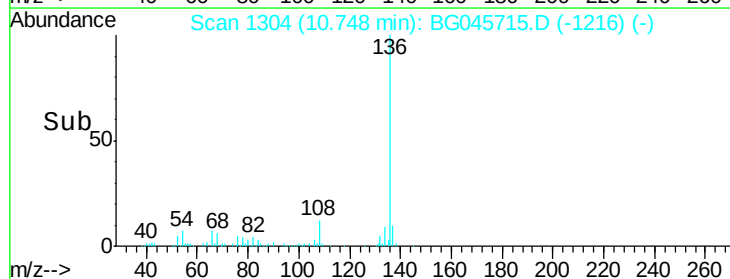
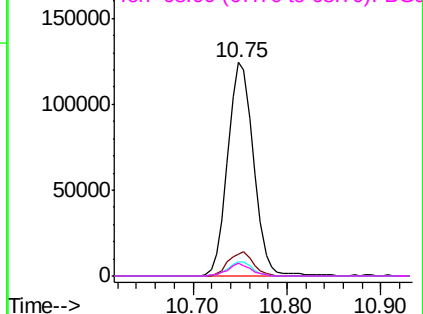
137 10.5 9.4 14.2

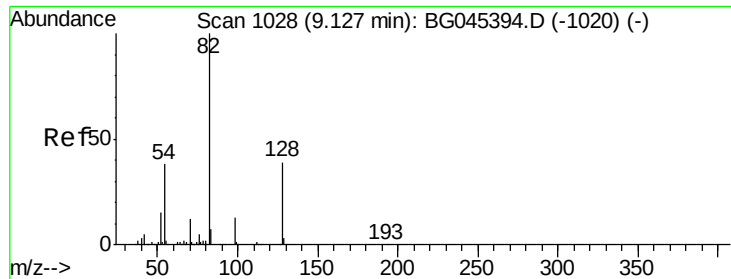
54 6.6 5.8 8.6

68 6.0 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

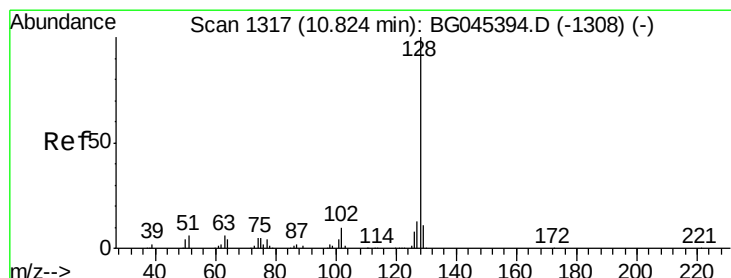
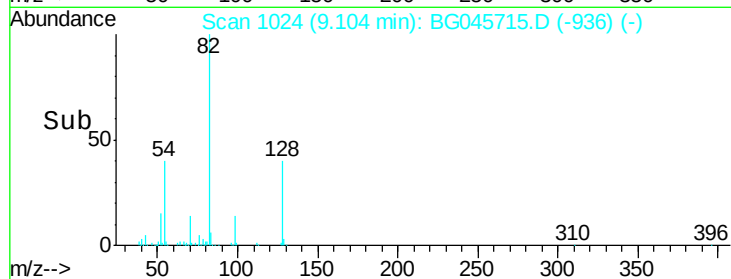
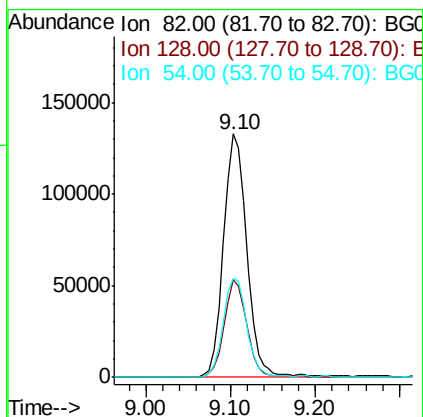
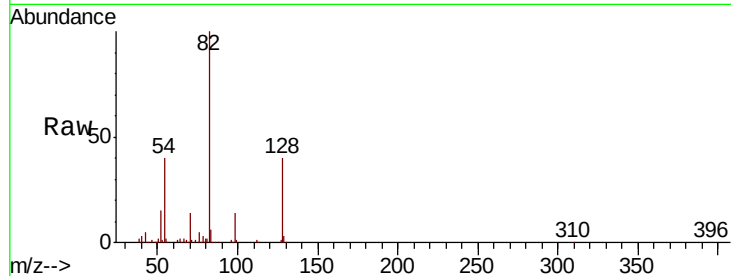




#23
 Nitrobenzene-d5
 Concen: 58.178 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045715.D
 Acq: 11 Jun 2020 9:25

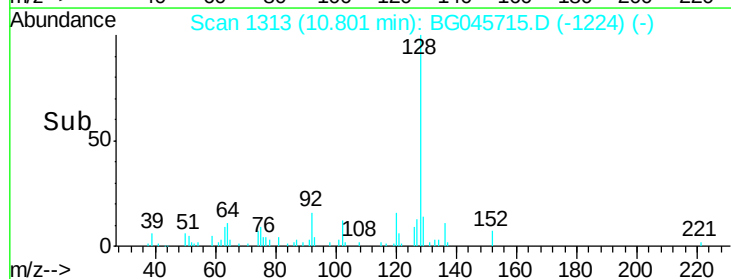
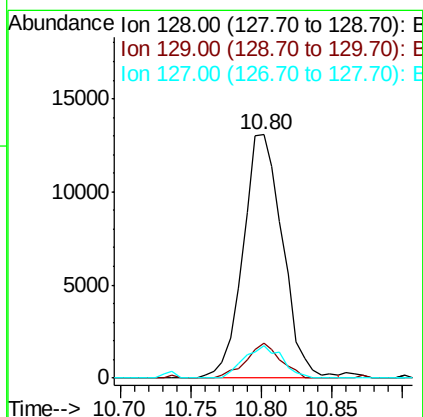
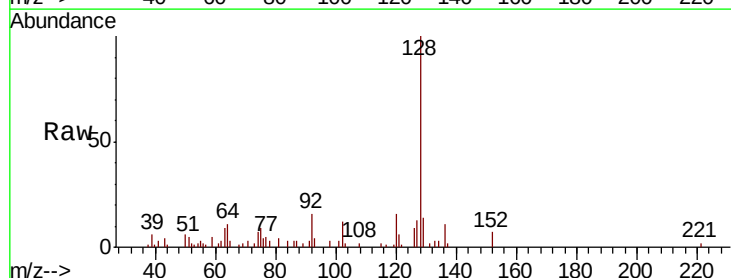
Instrument :
 BNA_G
 ClientSampleId :
 MASON-BRICK-COMP-2

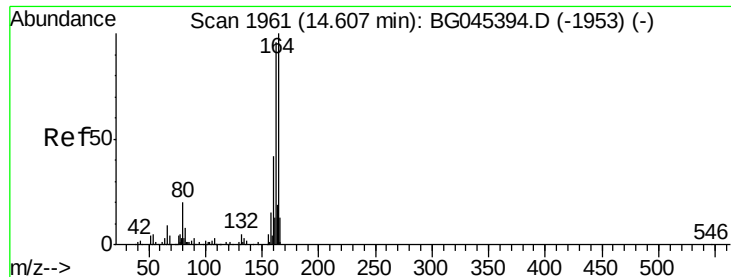
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	30.9	46.3
54	40.4	30.3	45.5



#31
 Naphthalene
 Concen: 2.307 ng
 RT: 10.80 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BG045715.D
 Acq: 11 Jun 2020 9:25

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.4	9.0	13.6#
127	13.2	10.7	16.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

Instrument :

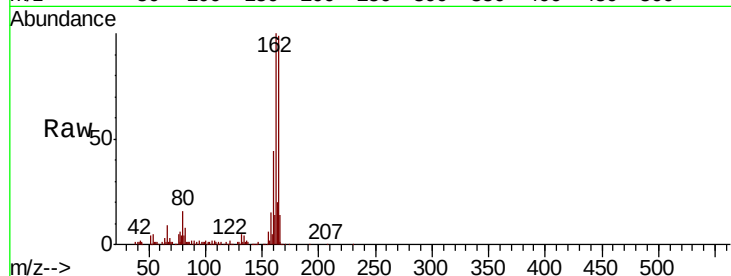
BNA_G

ClientSampleId :

MASON-BRICK-COMP-2

Tot Ion:164 Resp: 155969

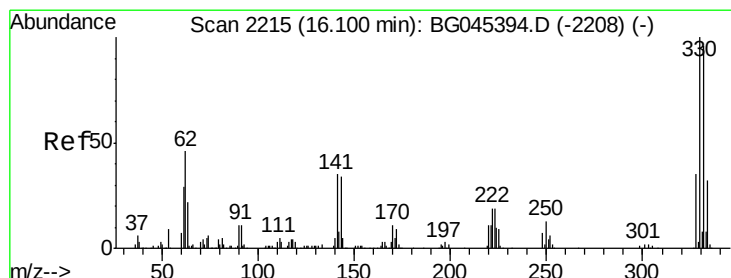
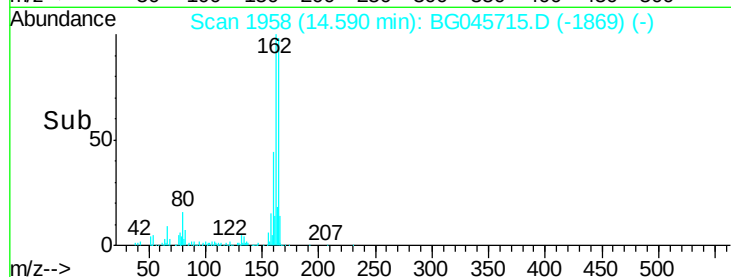
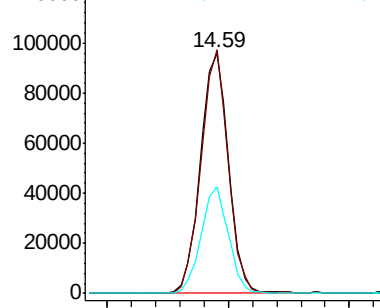
Ion	Ratio	Lower	Upper
164	100		
162	101.3	76.9	115.3
160	44.2	33.8	50.8



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: 65.704 ng

RT: 16.08 min Scan# 2212

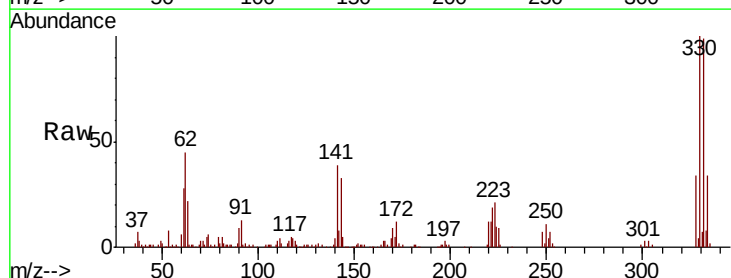
Delta R.T. -0.01 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

Tgt Ion:330 Resp: 131057

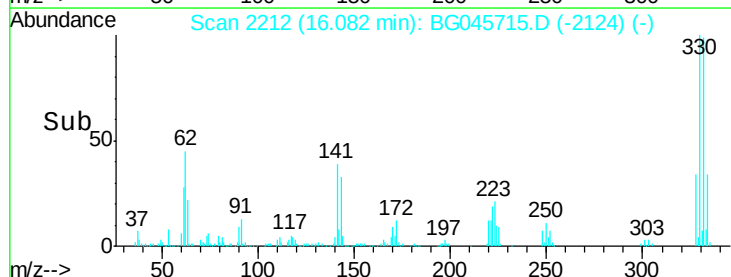
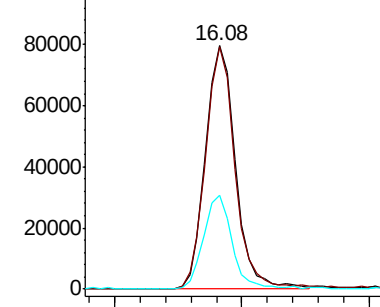
Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.2	117.4
141	37.7	28.2	42.4

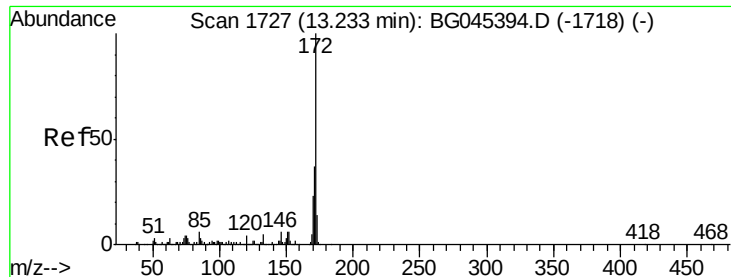


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

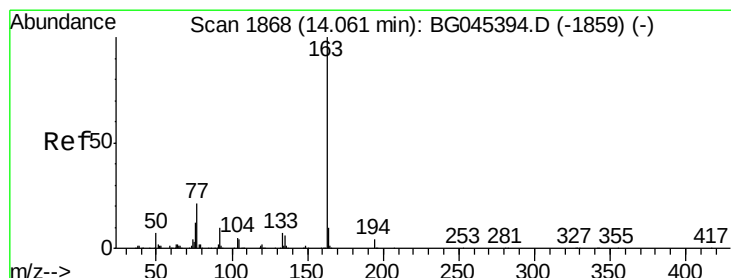
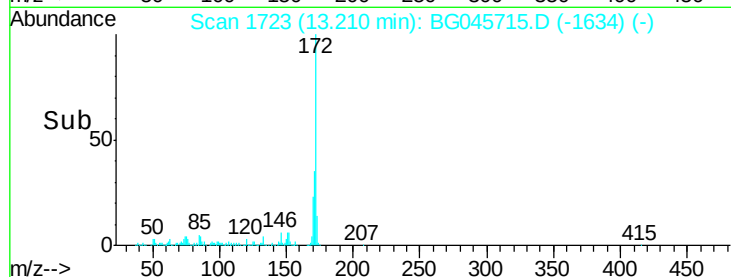
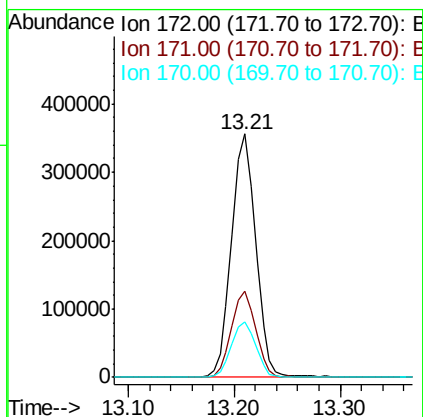
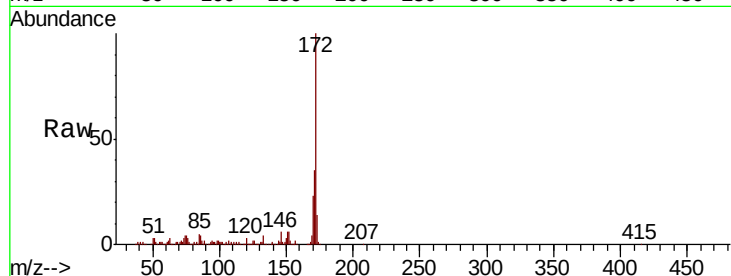




#45
2-Fluorobiphenyl
Concen: 61.677 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045715.D
Acq: 11 Jun 2020 9:25

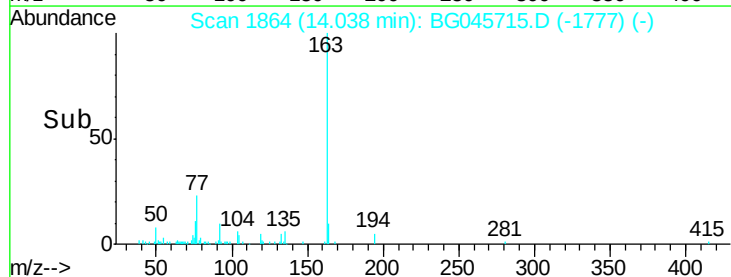
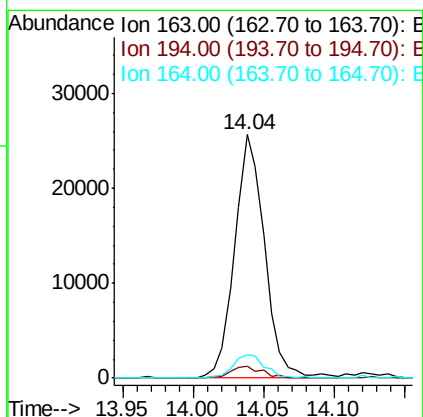
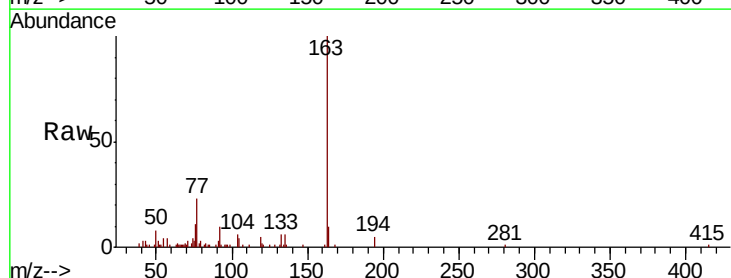
Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-2

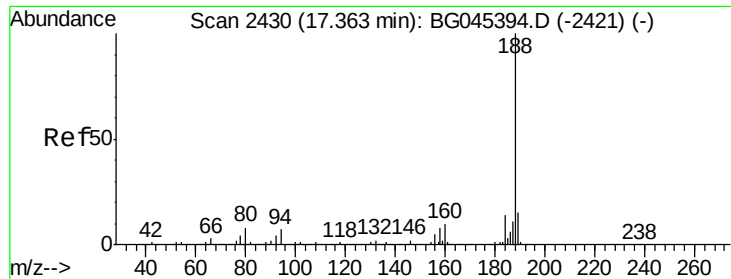
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.5	44.3
170	22.9	18.5	27.7



#50
Dimethylphthalate
Concen: 3.558 ng
RT: 14.04 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BG045715.D
Acq: 11 Jun 2020 9:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.2	4.8#
164	9.7	8.3	12.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-2

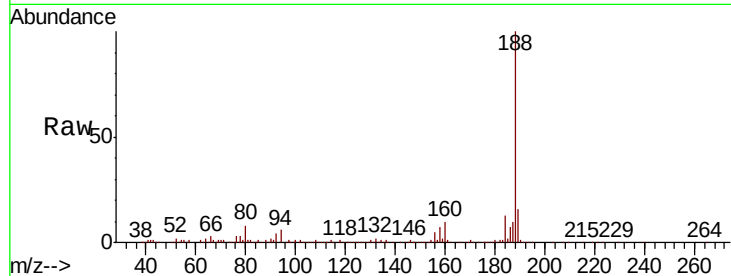
Tot Ion:188 Resp: 315815

Ion Ratio Lower Upper

188 100

94 6.5 5.5 8.3

80 8.2 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

250000

200000

150000

100000

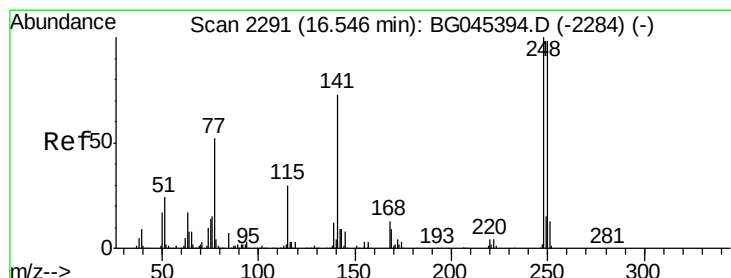
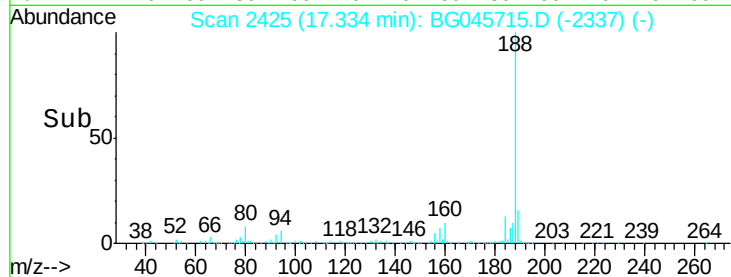
50000

0

17.30

17.40

Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.631 ng

RT: 16.08 min Scan# 2212

Delta R.T. -0.45 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

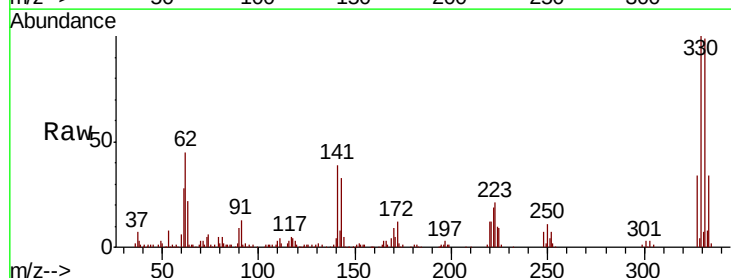
Tgt Ion:248 Resp: 8996

Ion Ratio Lower Upper

248 100

250 166.4 78.6 117.8#

141 566.7 58.2 87.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

40000

30000

20000

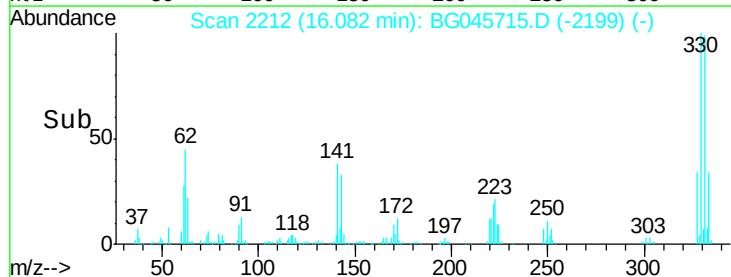
10000

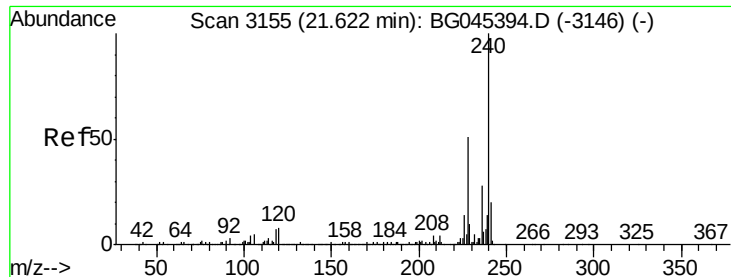
0

16.00

16.10

Time-->

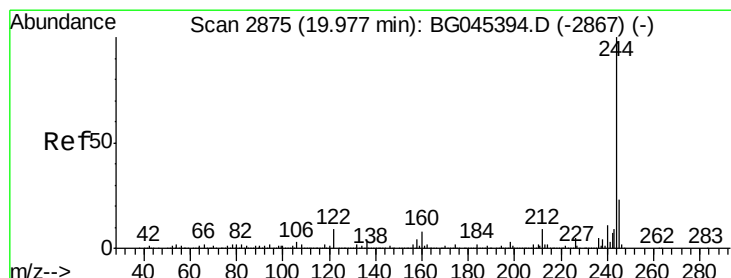
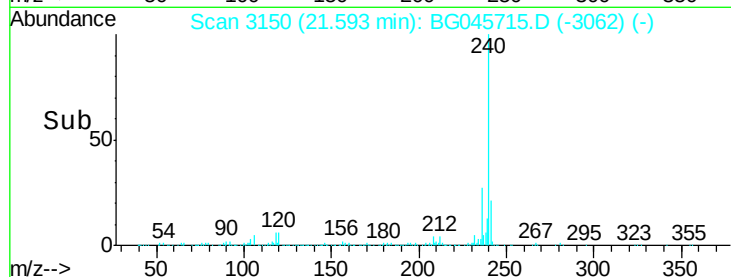
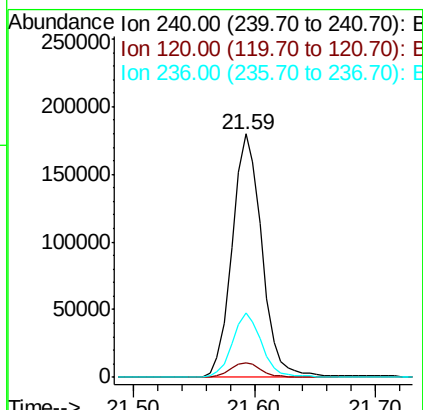
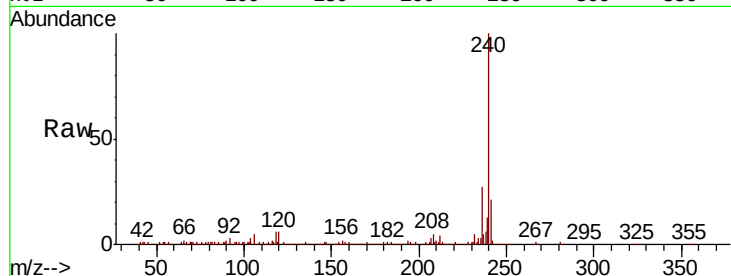




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.59 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG045715.D
Acq: 11 Jun 2020 9:25

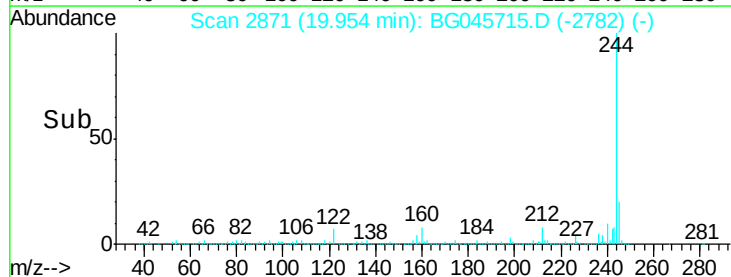
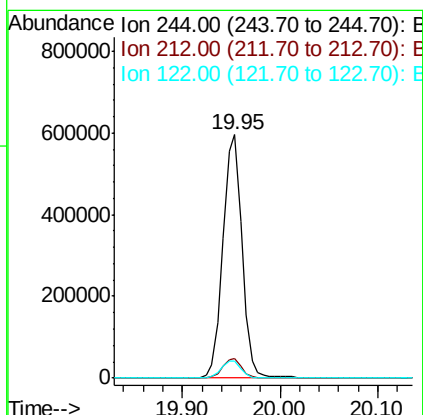
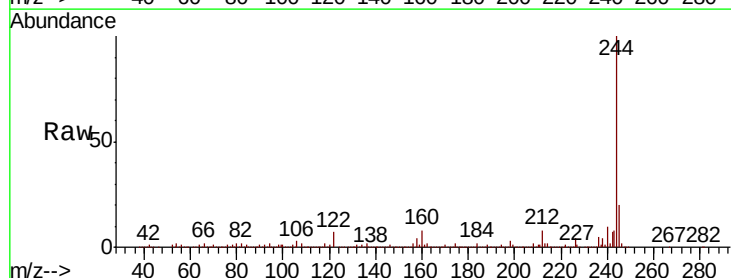
Instrument :
BNA_G
ClientSampleId :
MASON-BRICK-COMP-2

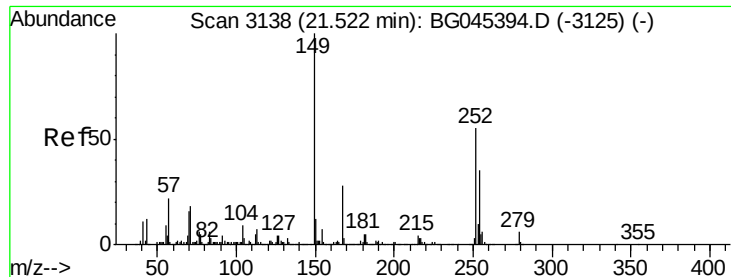
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.1	9.1
236	26.7	22.3	33.5



#79
Terphenyl-d14
Concen: 61.174 ng
RT: 19.95 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BG045715.D
Acq: 11 Jun 2020 9:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.4	11.0
122	7.0	6.8	10.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.634 ng

RT: 21.49 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

Instrument :

BNA_G

ClientSampleId :

MASON-BRICK-COMP-2

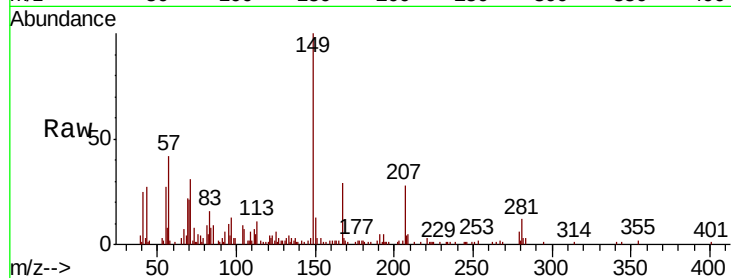
Tot Ion:149 Resp: 27589

Ion Ratio Lower Upper

149 100

167 29.0 22.2 33.2

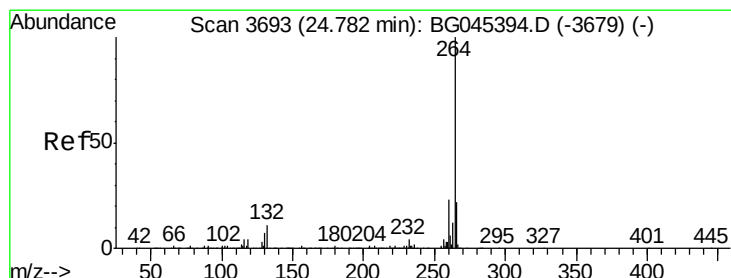
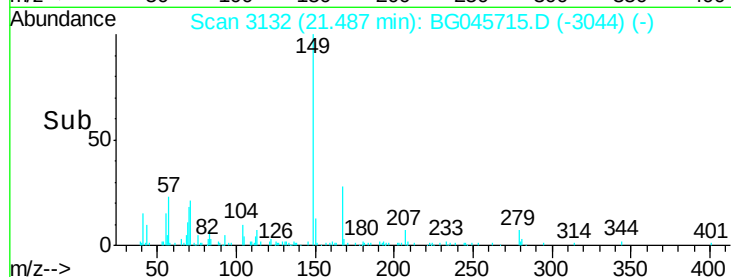
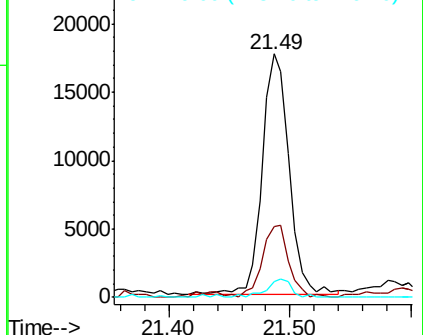
279 6.4 4.7 7.1



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

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG045715.D

Acq: 11 Jun 2020 9:25

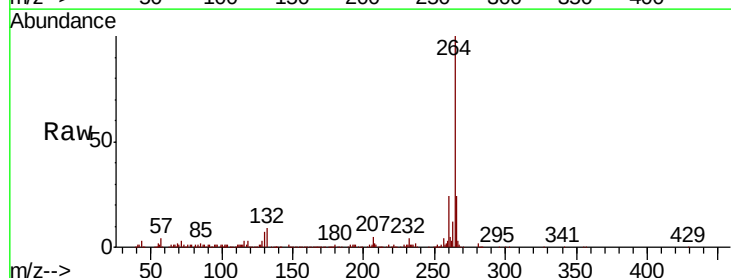
Tgt Ion:264 Resp: 350213

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 23.7 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

