

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
 Data File : BG045409.D
 Acq On : 15 May 2020 23:17
 Operator : CG/JU
 Sample : L2663-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1381

Quant Time: May 16 01:10:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 15:45:48 2020
 Response via : Initial Calibration

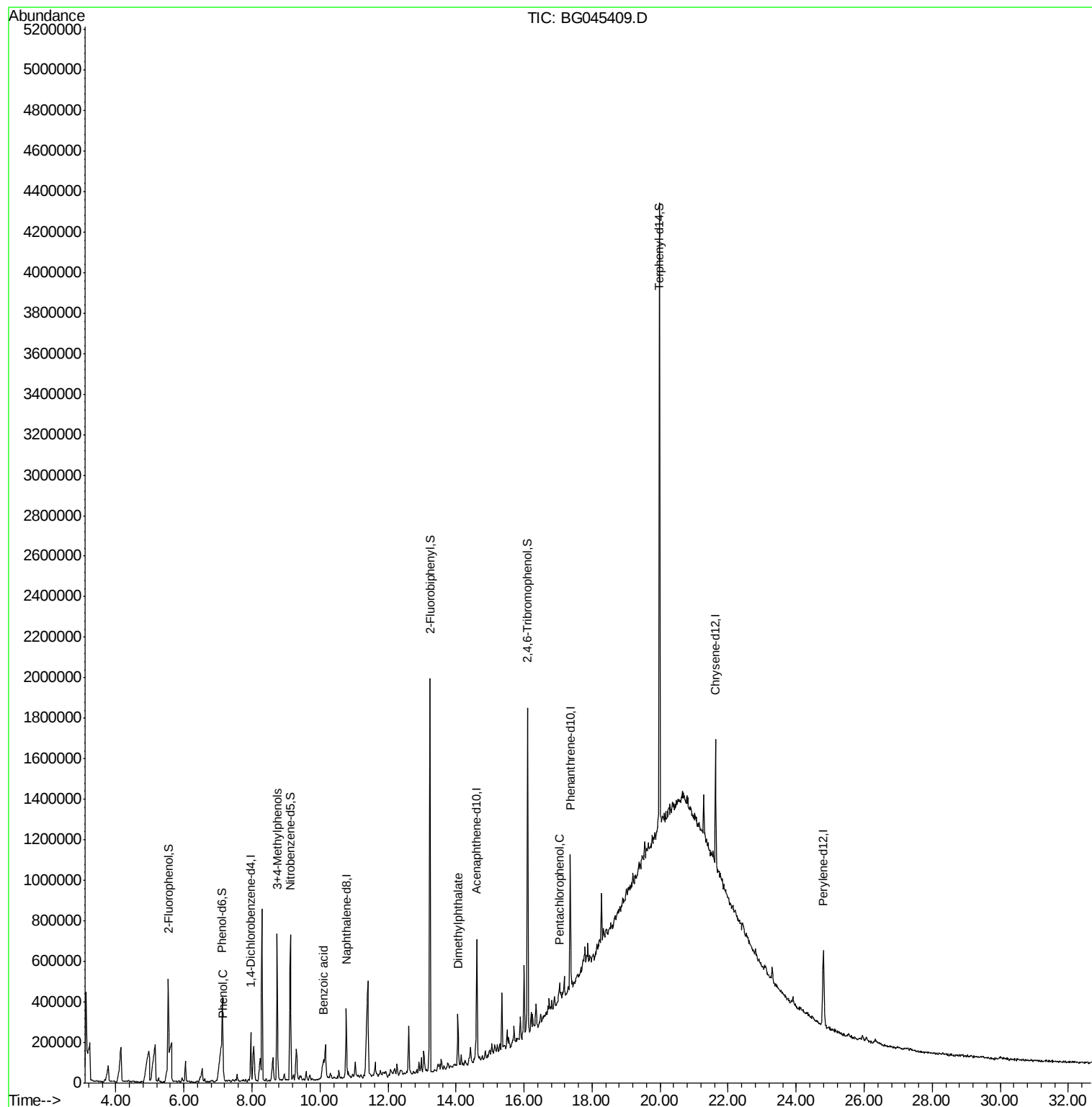
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	71236	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	291340	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	198524	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	406594	20.00	ng	0.00
76) Chrysene-d12	21.63	240	385541	20.00	ng	0.00
87) Perylene-d12	24.80	264	413831	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	200961	55.13	ng	0.00
7) Phenol-d6	7.14	99	182217	35.12	ng	0.00
23) Nitrobenzene-d5	9.13	82	476821	89.25	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	334418	131.72	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1069348	91.37	ng	0.00
79) Terphenyl-d14	19.98	244	1530016	92.56	ng	0.00
Target Compounds						
10) Phenol	7.17	94	13242	2.477	ng	90
20) 3+4-Methylphenols	8.74	107	347204	63.708	ng	91
32) Benzoic acid	10.10	122	56612	28.157	ng	95
50) Dimethylphthalate	14.06	163	161675	11.872	ng	99
70) Pentachlorophenol	17.02	266	9412	3.936	ng	89

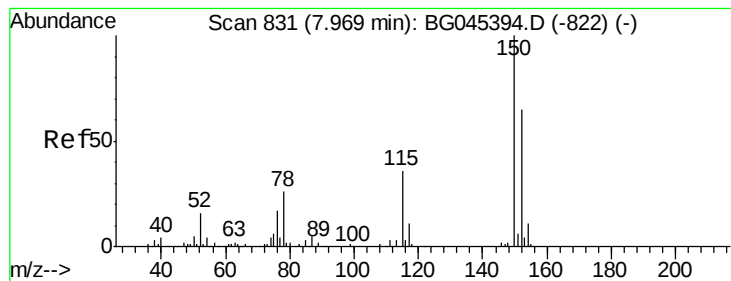
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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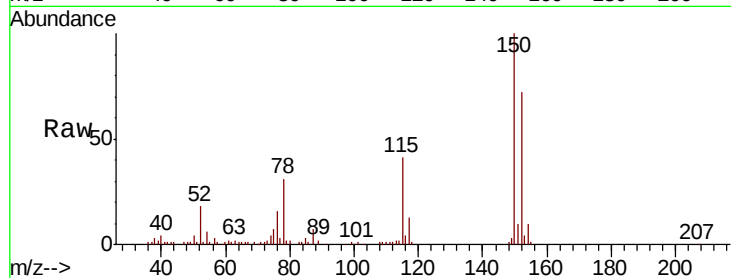


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG045409.D
Acq: 15 May 2020 23:17

Instrument :
BNA_G
ClientSampleId :
1381

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.3	122.4	183.6
115	56.4	44.2	66.4

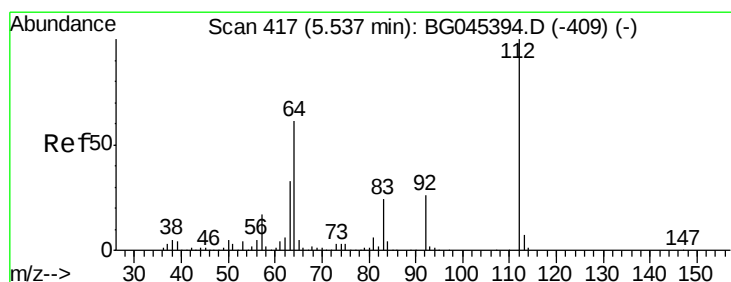
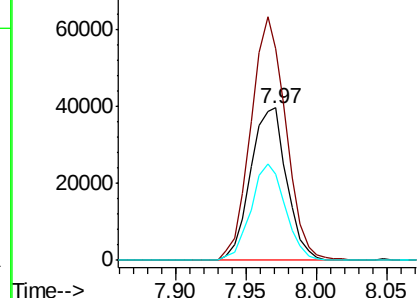
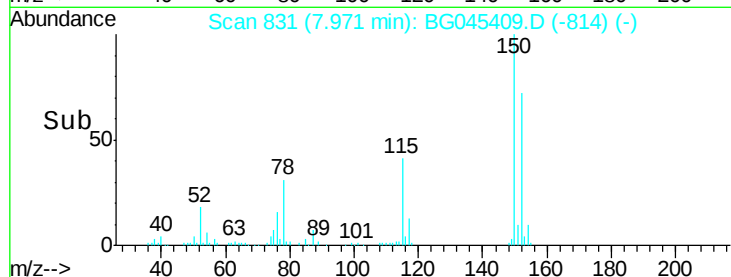


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

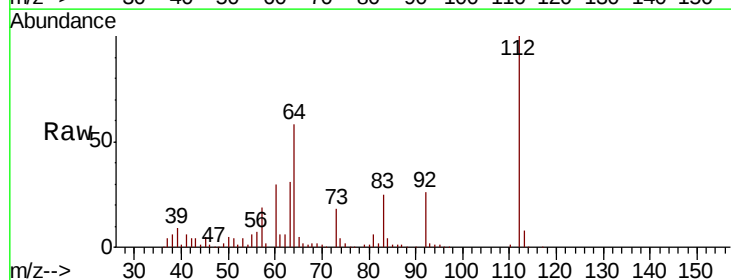
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.132 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045409.D
Acq: 15 May 2020 23:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	48.6	72.8
63	31.1	26.5	39.7

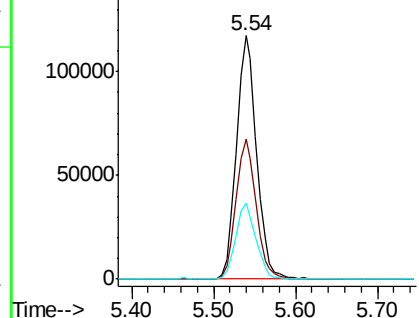
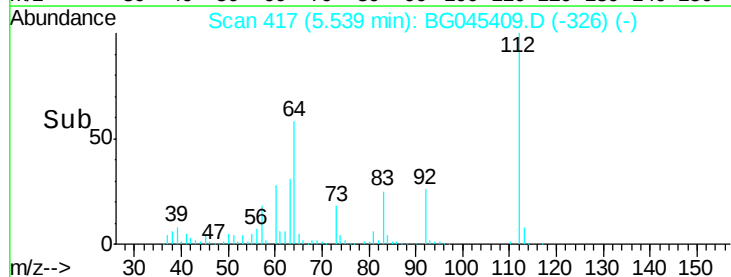


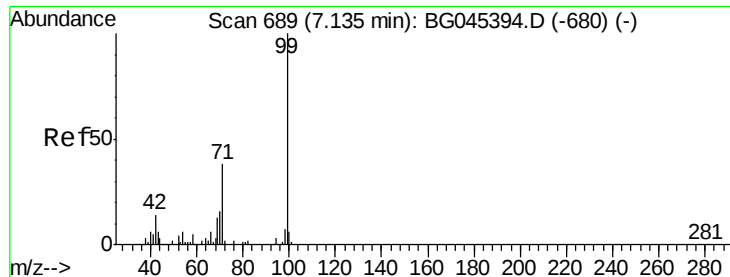
Abundance

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: 35.122 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG045409.D

Acq: 15 May 2020 23:17

Instrument :

BNA_G

ClientSampled :

1381

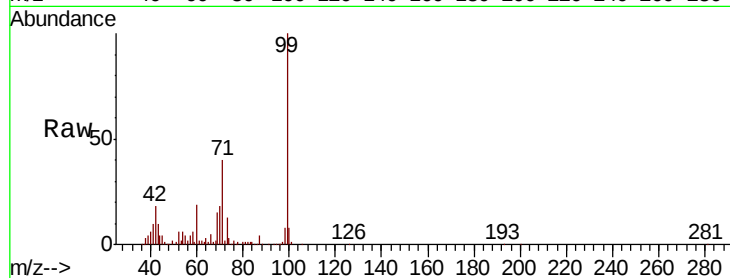
Tot Ion: 99 Resp: 182217

Ion Ratio Lower Upper

99 100

42 17.5 11.3 16.9#

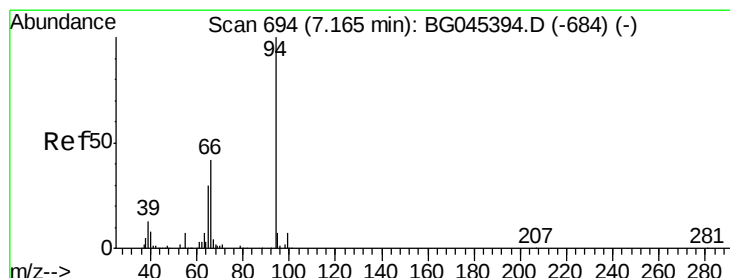
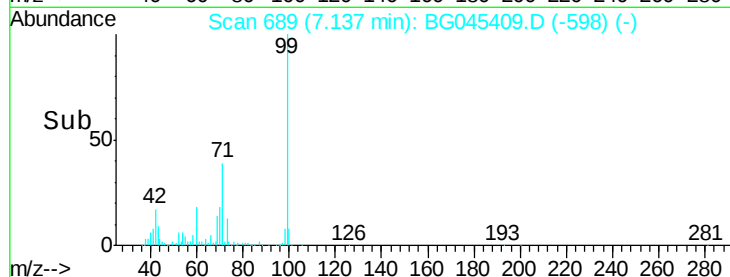
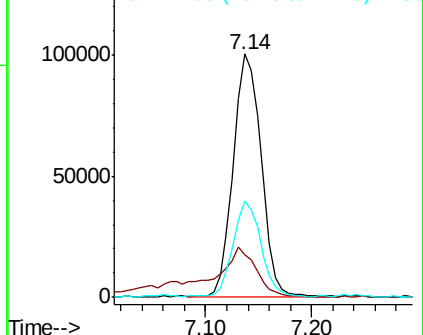
71 39.7 30.8 46.2



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



#10

Phenol

Concen: 2.477 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045409.D

Acq: 15 May 2020 23:17

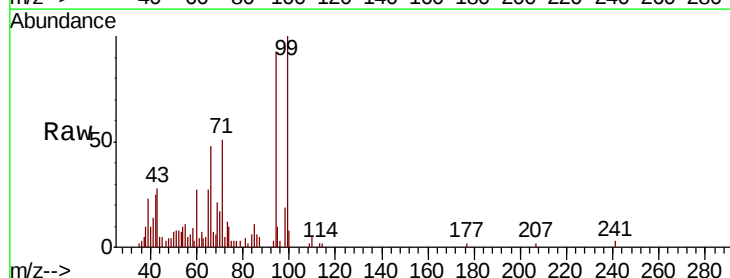
Tgt Ion: 94 Resp: 13242

Ion Ratio Lower Upper

94 100

65 29.6 9.8 49.8

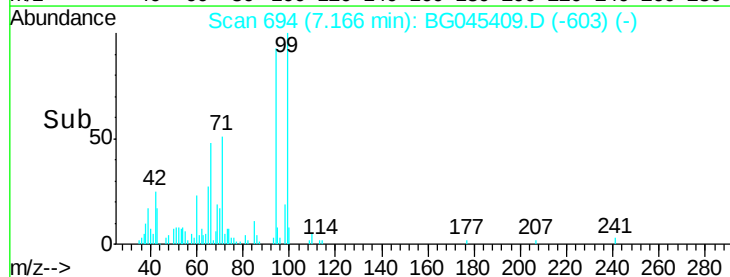
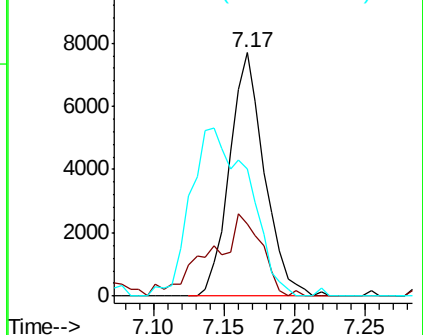
66 52.1 22.0 62.0

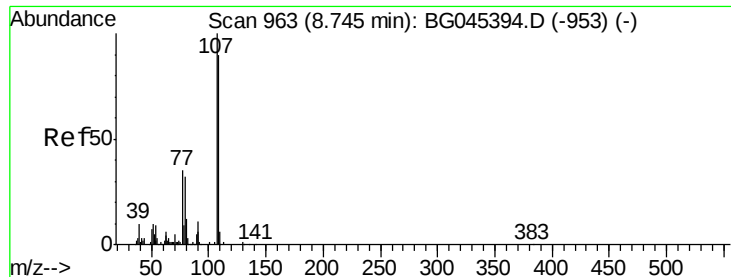


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#20

3+4-Methylphenols

Concen: 63.708 ng

RT: 8.74 min Scan# 962

Delta R.T. -0.00 min

Lab File: BG045409.D

Acq: 15 May 2020 23:17

Instrument :

BNA_G

ClientSampleId :

1381

Tot Ion:107 Resp: 347204

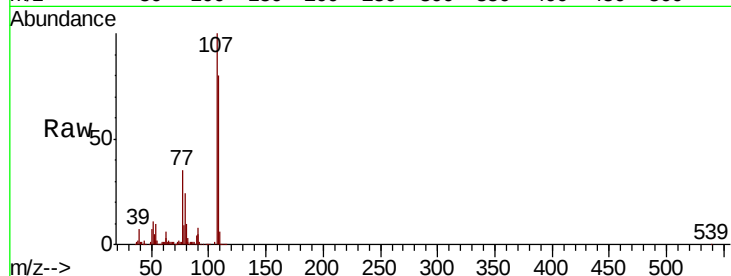
Ion Ratio Lower Upper

107 100

108 80.2 70.3 110.3

77 34.8 15.4 55.4

79 24.2 12.6 52.6

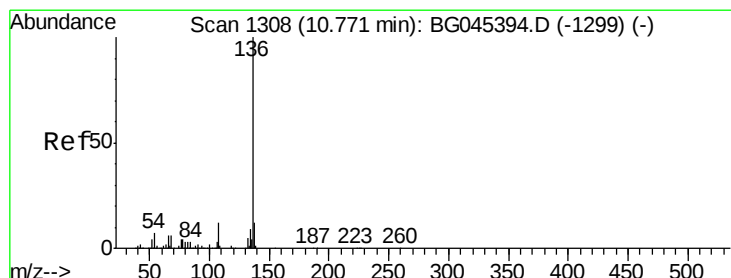
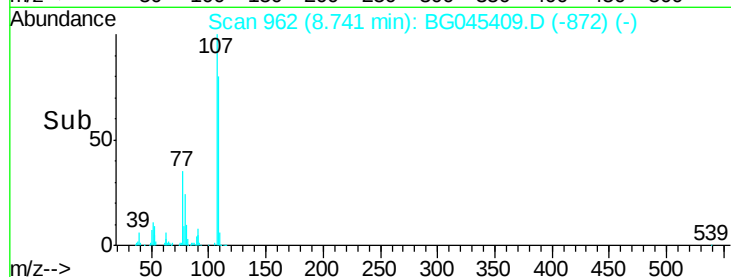
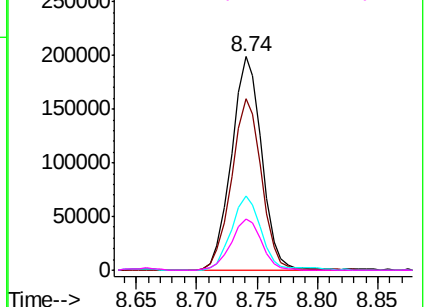


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.77 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG045409.D

Acq: 15 May 2020 23:17

Tgt Ion:136 Resp: 291340

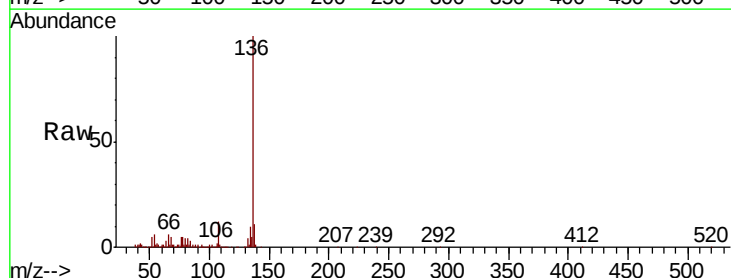
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.2

54 6.3 5.8 8.6

68 4.9 4.5 6.7

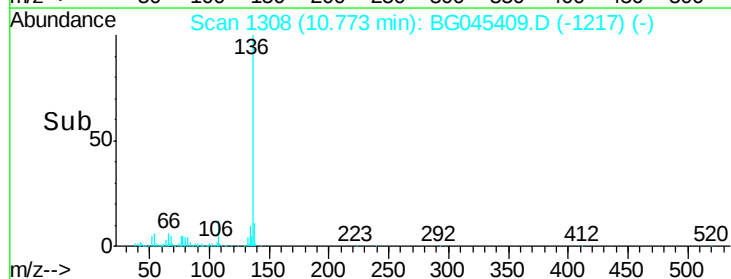
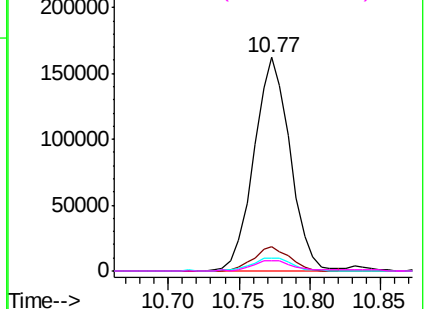


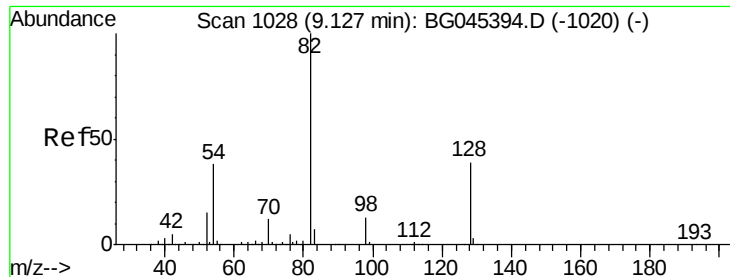
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG

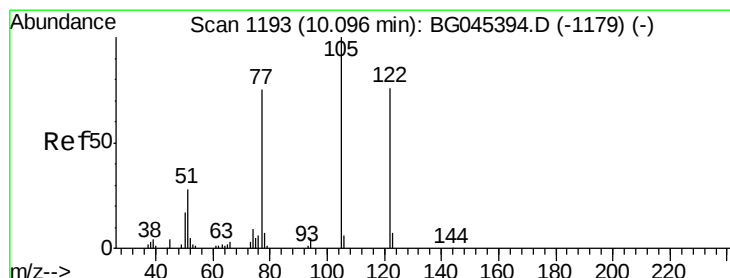
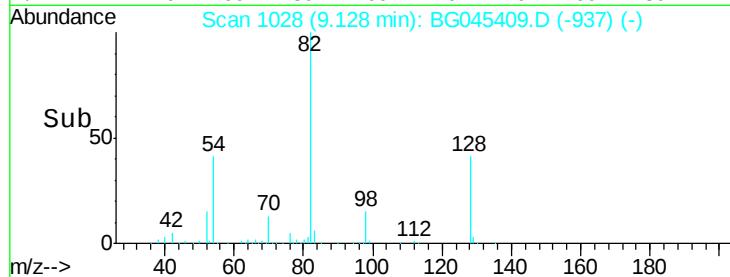
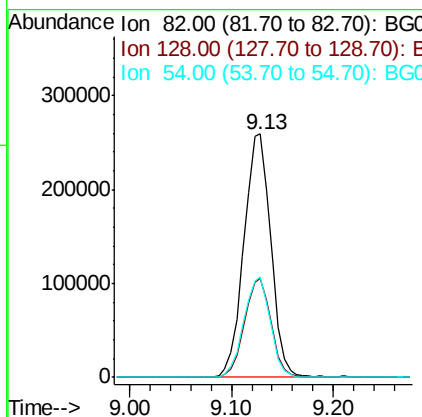
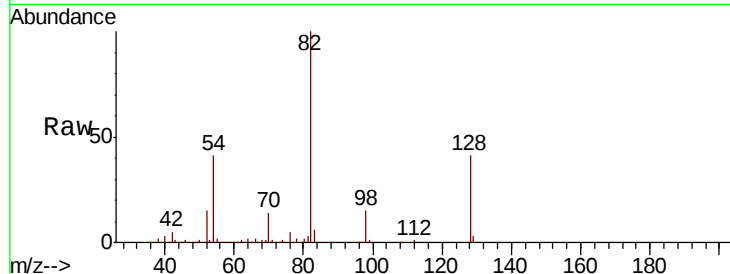




#23
 Nitrobenzene-d5
 Concen: 89.249 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045409.D
 Acq: 15 May 2020 23:17

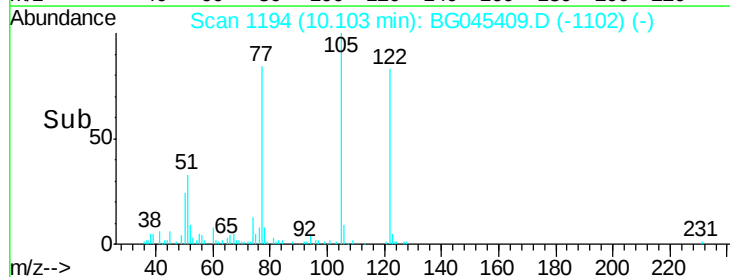
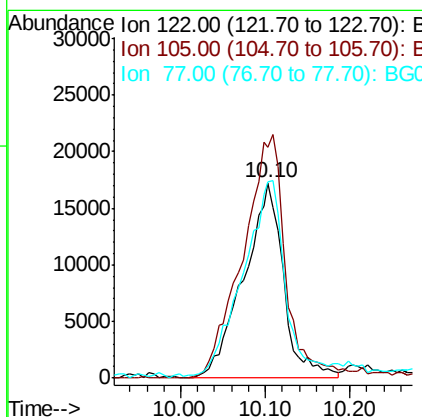
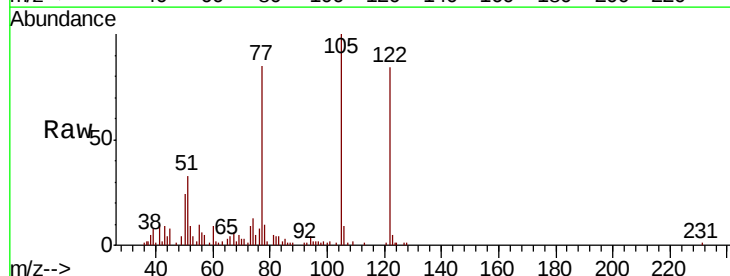
Instrument :
 BNA_G
 ClientSampleId :
 1381

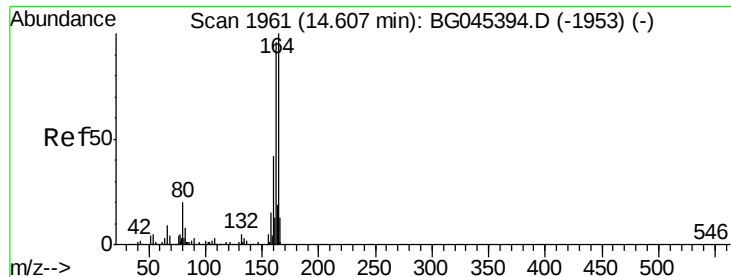
Tot Ion	82	Resp	476821
Ion Ratio	Lower	Upper	
82	100		
128	40.8	30.9	46.3
54	41.1	30.3	45.5



#32
 Benzoic acid
 Concen: 28.157 ng
 RT: 10.10 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BG045409.D
 Acq: 15 May 2020 23:17

Tgt Ion	122	Resp	56612
Ion Ratio	Lower	Upper	
122	100		
105	118.5	107.9	147.9
77	100.5	78.9	118.9

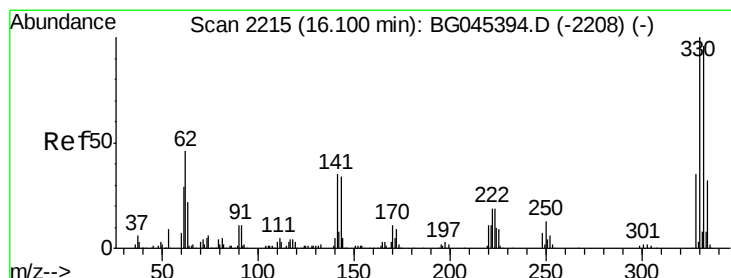
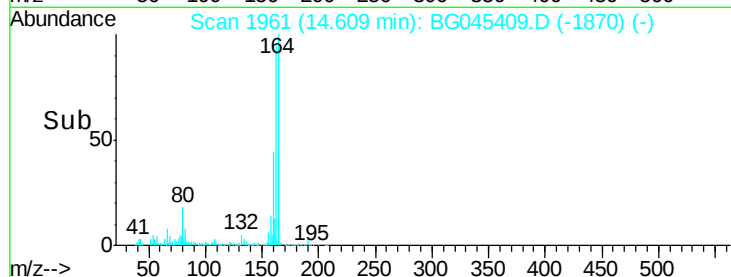
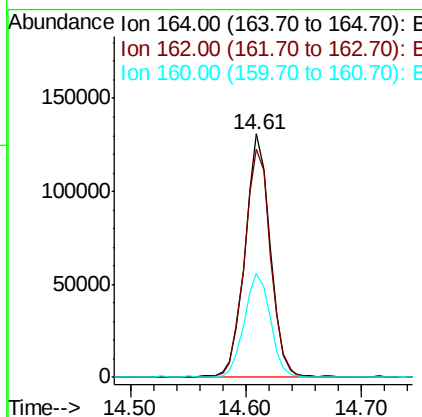
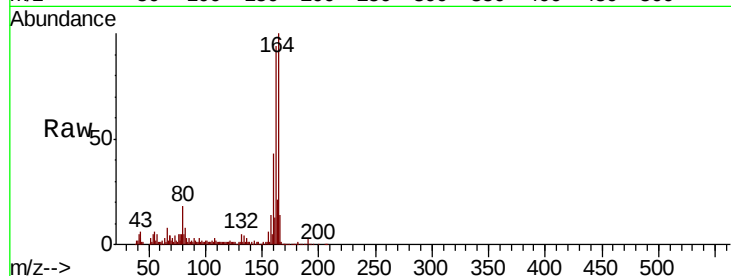




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.61 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG045409.D
Acq: 15 May 2020 23:17

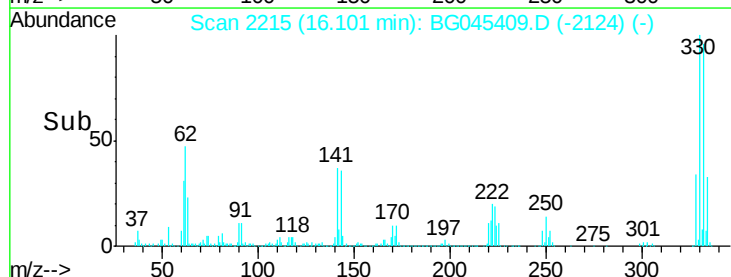
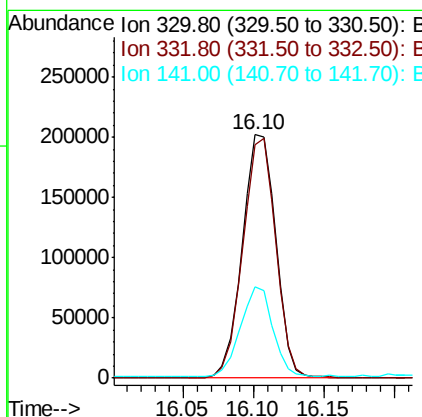
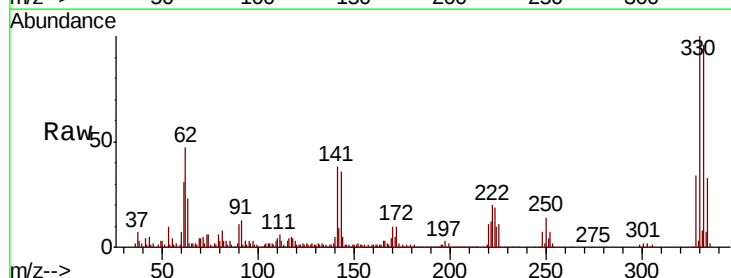
Instrument :
BNA_G
ClientSampleId :
1381

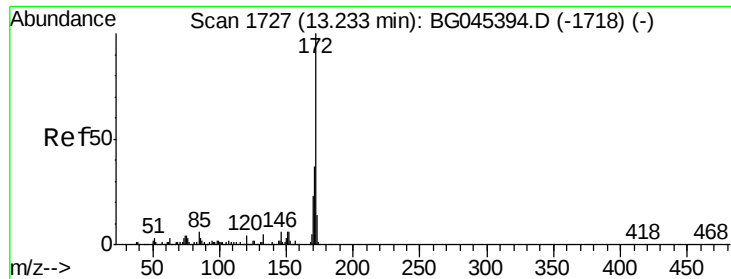
Tot Ion	164	Resp	198524
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
162	94.0		
160	42.6		
	33.8		
	50.8		



#42
2,4,6-Tribromophenol
Concen: 131.718 ng
RT: 16.10 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BG045409.D
Acq: 15 May 2020 23:17

Tgt Ion	330	Resp	334418
Ion Ratio	100		
Lower	78.2		
Upper	117.4		
332	97.0		
141	35.7		
	28.2		
	42.4		

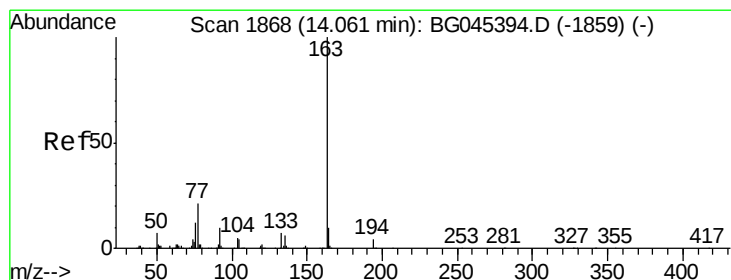
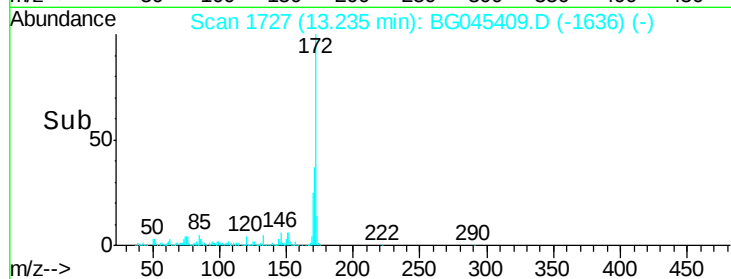
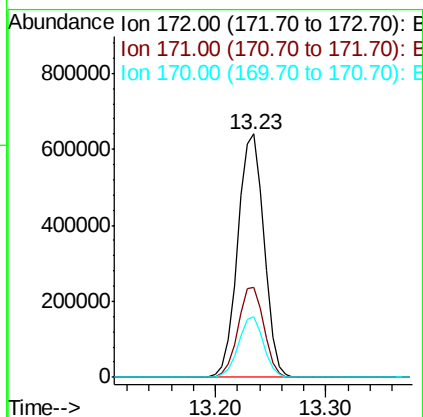
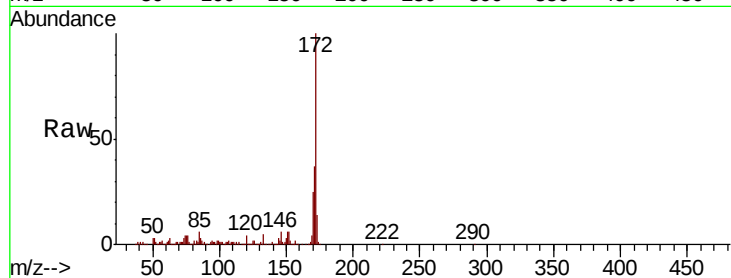




#45
2-Fluorobiphenyl
Concen: 91.366 ng
RT: 13.23 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG045409.D
Acq: 15 May 2020 23:17

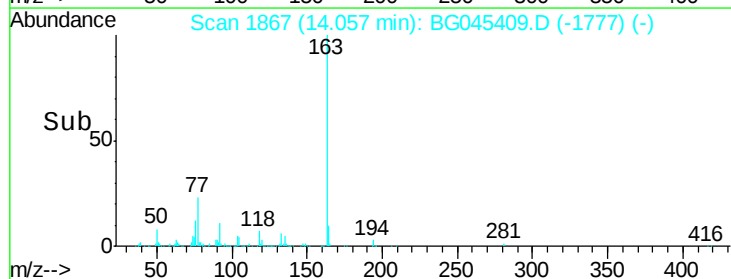
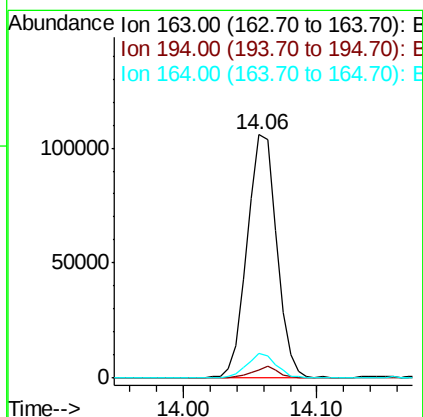
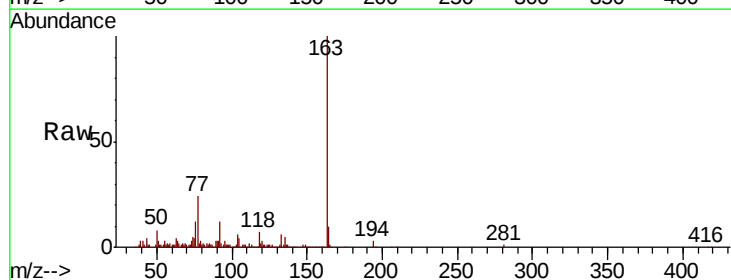
Instrument :
BNA_G
ClientSampleId :
1381

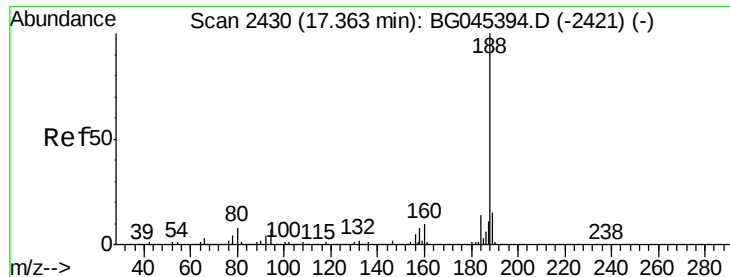
Tot Ion:172 Resp: 1069348
Ion Ratio Lower Upper
172 100
171 37.1 29.5 44.3
170 24.7 18.5 27.7



#50
Dimethylphthalate
Concen: 11.872 ng
RT: 14.06 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BG045409.D
Acq: 15 May 2020 23:17

Tgt Ion:163 Resp: 161675
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.2 8.3 12.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG045409.D

Acq: 15 May 2020 23:17

Instrument :

BNA_G

ClientSampleId :

1381

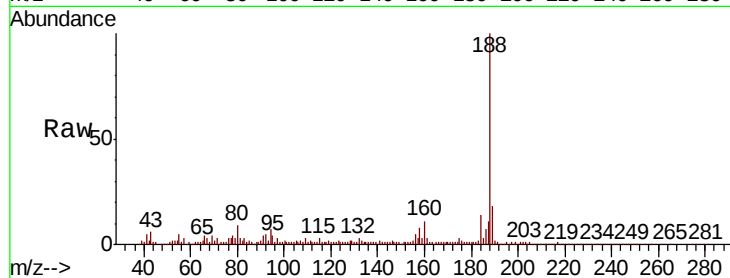
Tot Ion:188 Resp: 406594

Ion Ratio Lower Upper

188 100

94 7.5 5.5 8.3

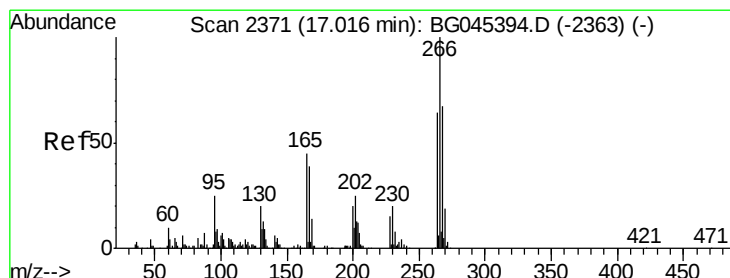
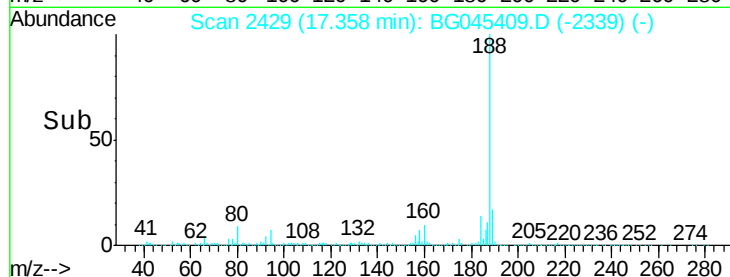
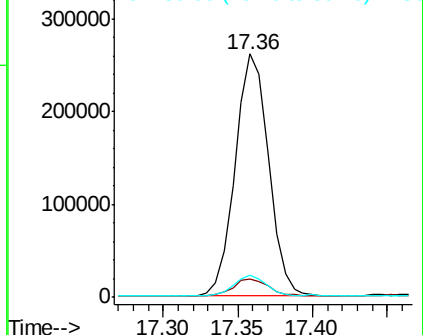
80 9.3 6.6 10.0



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



#70

Pentachlorophenol

Concen: 3.936 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.01 min

Lab File: BG045409.D

Acq: 15 May 2020 23:17

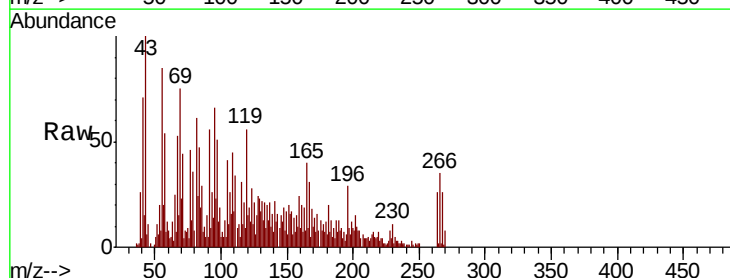
Tgt Ion:266 Resp: 9412

Ion Ratio Lower Upper

266 100

268 72.7 53.2 79.8

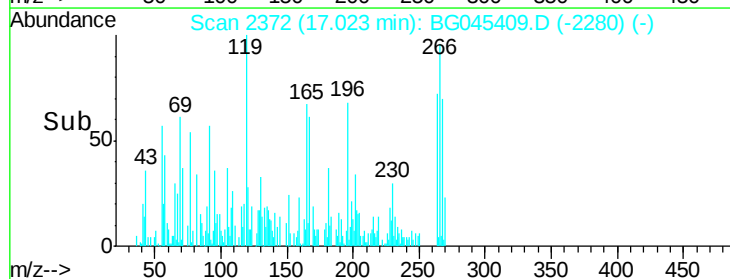
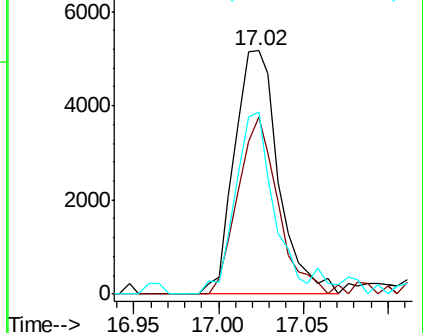
264 74.7 51.0 76.4

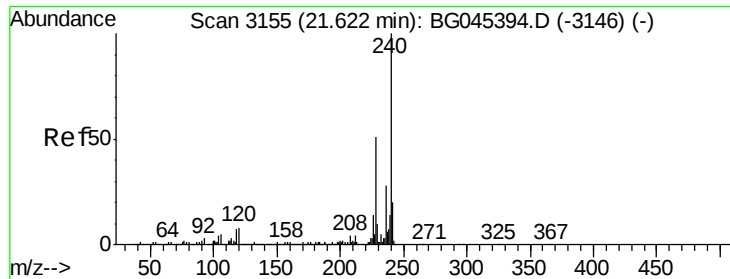


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

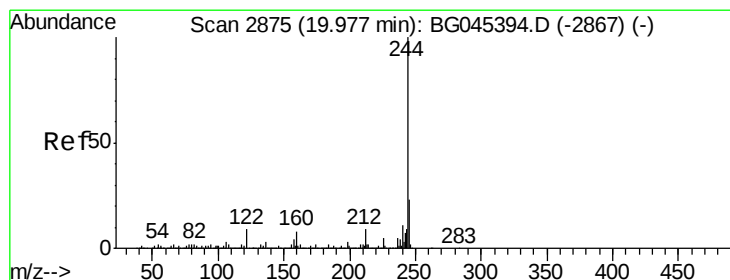
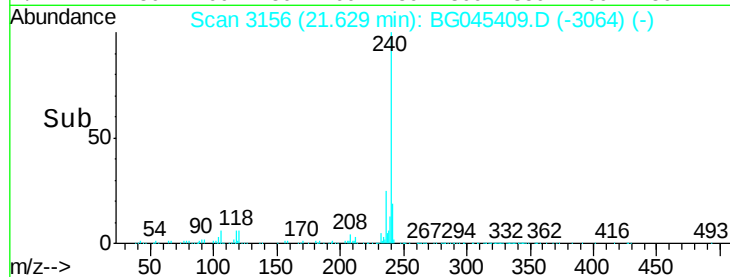
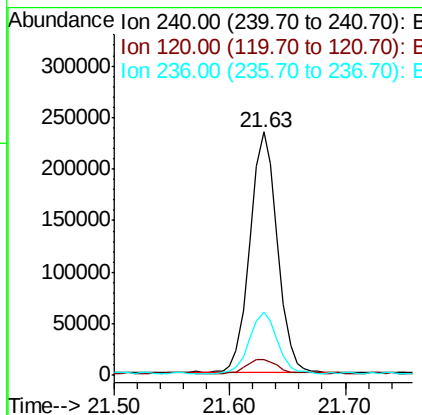
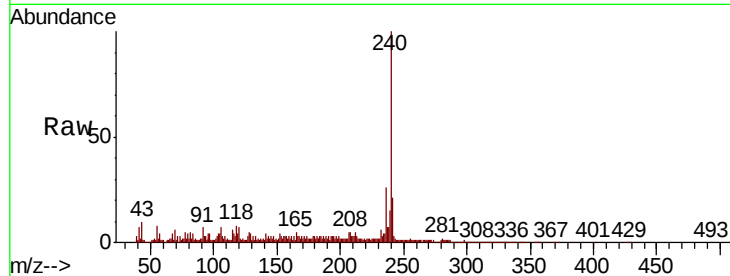




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. 0.01 min
 Lab File: BG045409.D
 Acq: 15 May 2020 23:17

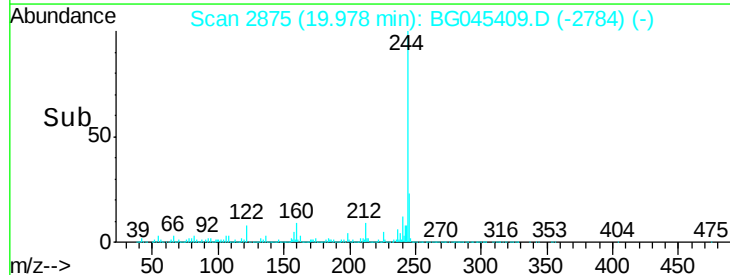
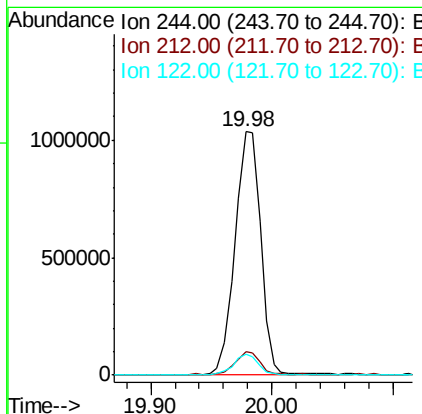
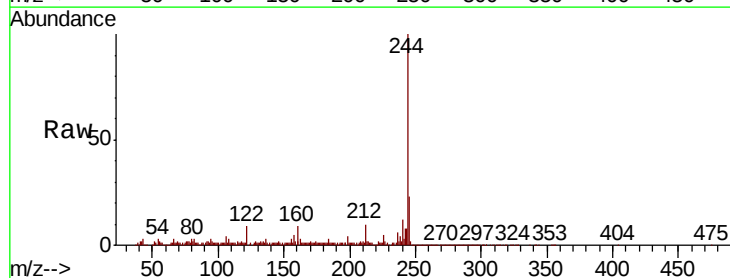
Instrument :
 BNA_G
 ClientSampleId :
 1381

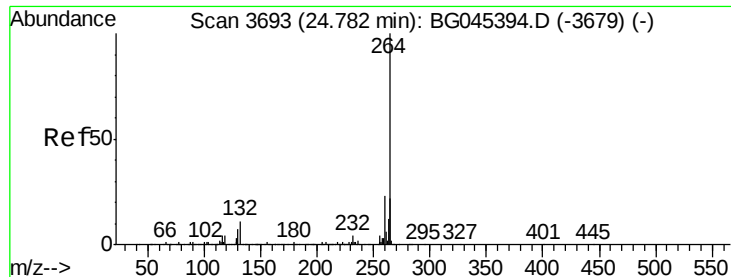
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.1	9.1
236	25.9	22.3	33.5



#79
 Terphenyl-d14
 Concen: 92.557 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. 0.00 min
 Lab File: BG045409.D
 Acq: 15 May 2020 23:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.4	11.0
122	8.7	6.8	10.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.80 min Scan# 3695
Delta R.T. 0.01 min
Lab File: BG045409.D
Acq: 15 May 2020 23:17

Instrument :
BNA_G
ClientSampleId :
1381

Tot Ion:264 Resp: 413831

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.6	17.6	26.4

