

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045370.D
 Acq On : 13 May 2020 20:34
 Operator : CG/JU
 Sample : L2575-10
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-27

Quant Time: May 14 02:01:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 11:40:01 2020
 Response via : Initial Calibration

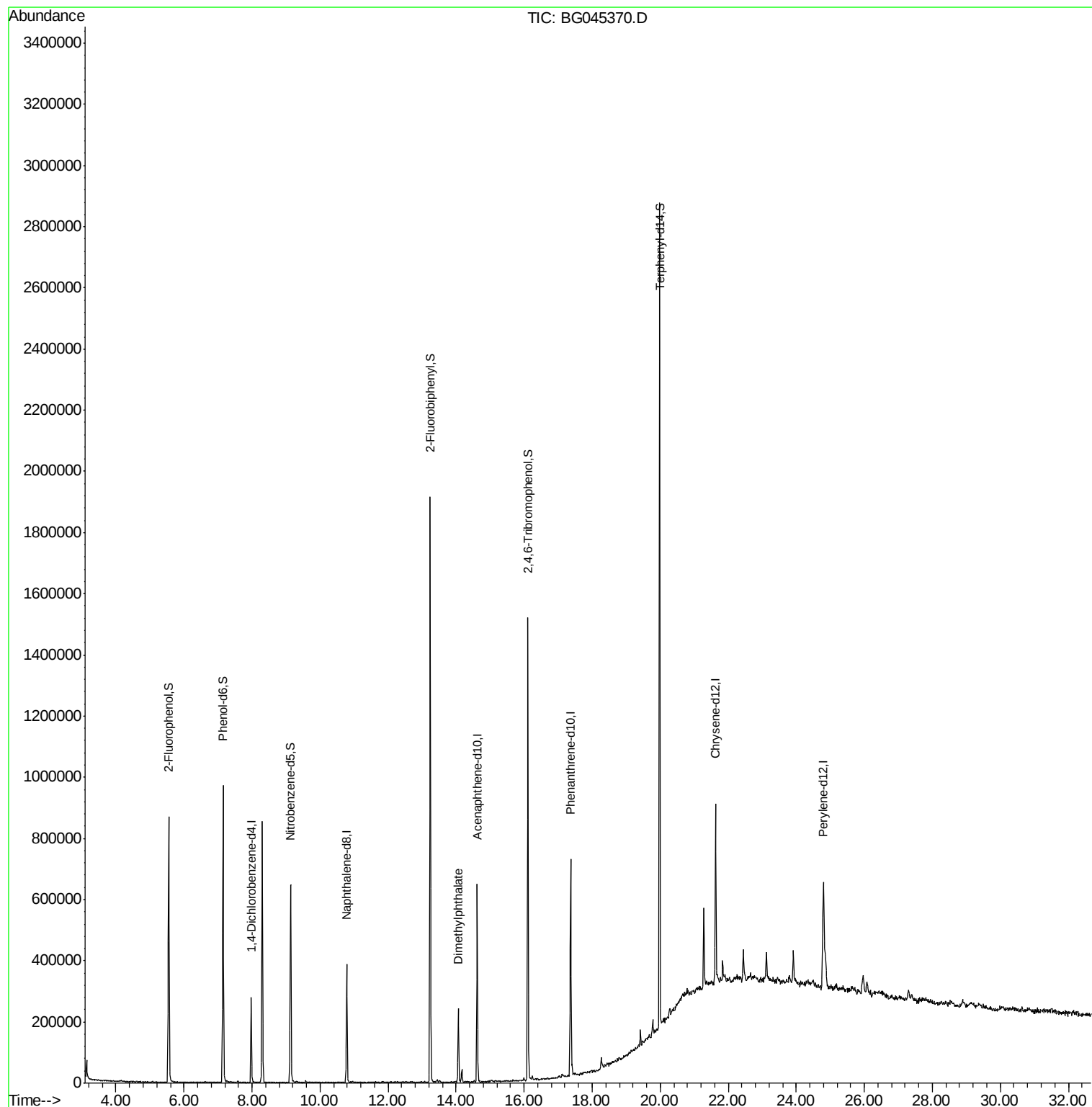
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	83273	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	344322	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	232182	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	465912	20.00	ng	0.00
76) Chrysene-d12	21.63	240	368435	20.00	ng	0.00
87) Perylene-d12	24.80	264	405384	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	426865	84.63	ng	0.00
7) Phenol-d6	7.15	99	653094	87.15	ng	0.00
23) Nitrobenzene-d5	9.13	82	451882	59.88	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	301709	84.11	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1070279	67.59	ng	0.00
79) Terphenyl-d14	19.98	244	1281041	75.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.07	163	164428	8.697	ng	Qvalue 97

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

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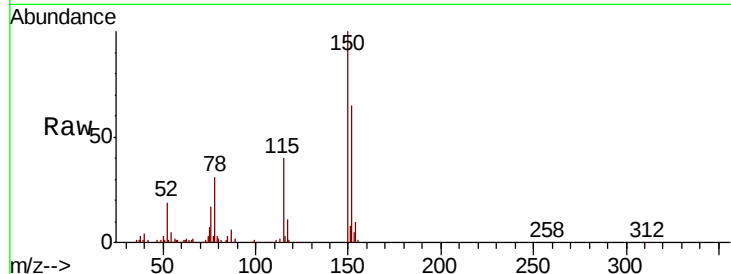


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 832
Delta R.T. 0.00 min
Lab File: BG045370.D
Acq: 13 May 2020 20:34

Instrument :
BNA_G
ClientSampleId :
TP-27

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.6	185.4
115	60.5	49.1	73.7

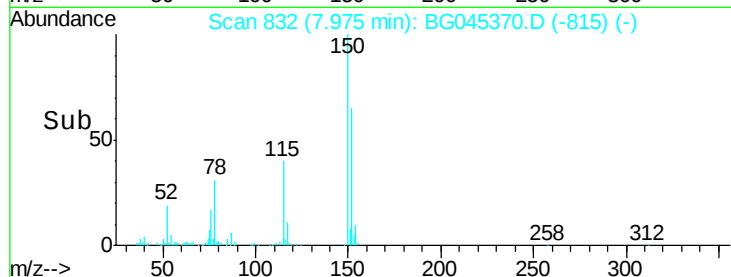
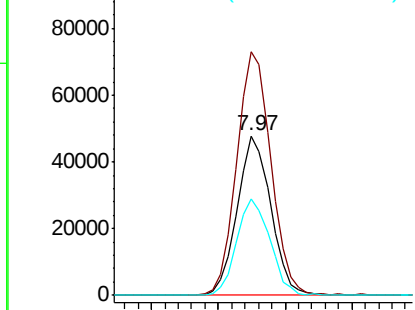


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

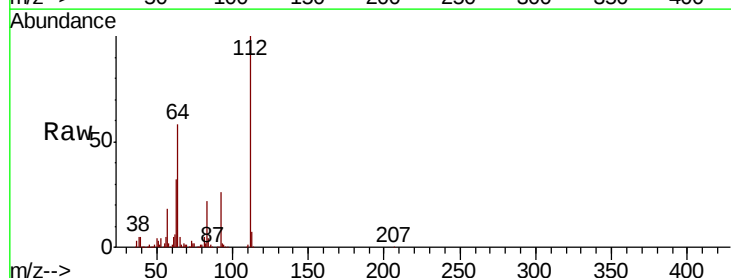
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 84.629 ng
RT: 5.55 min Scan# 419
Delta R.T. 0.01 min
Lab File: BG045370.D
Acq: 13 May 2020 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	42.4	63.6
63	32.1	23.1	34.7

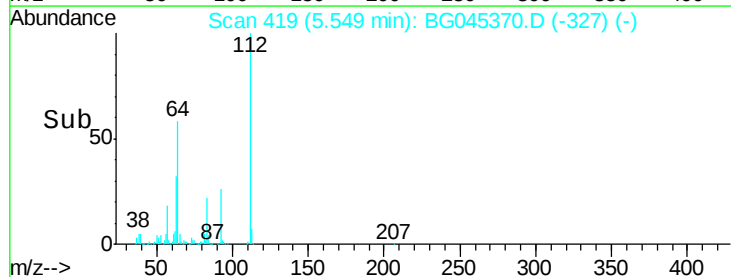
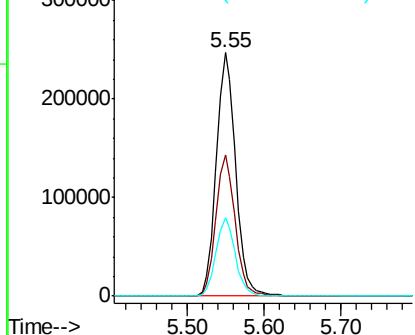


Abundance

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: 87.148 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.01 min

Lab File: BG045370.D

Acq: 13 May 2020 20:34

Instrument :

BNA_G

ClientSampleId :

TP-27

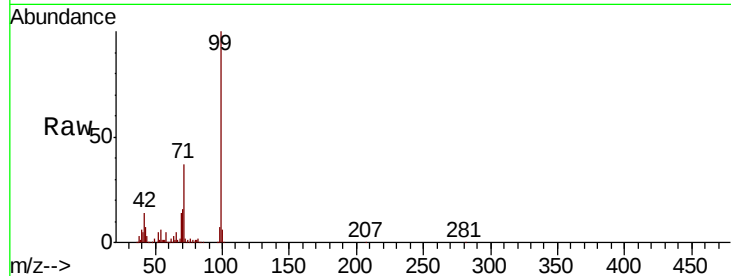
Tot Ion: 99 Resp: 653094

Ion Ratio Lower Upper

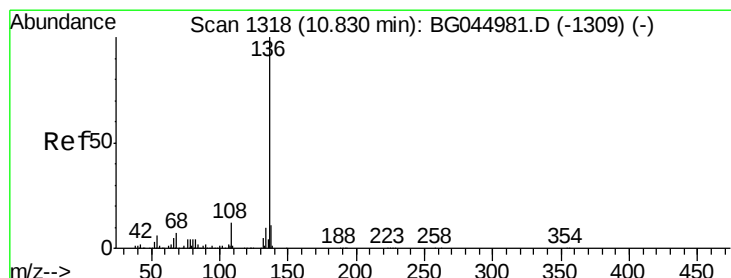
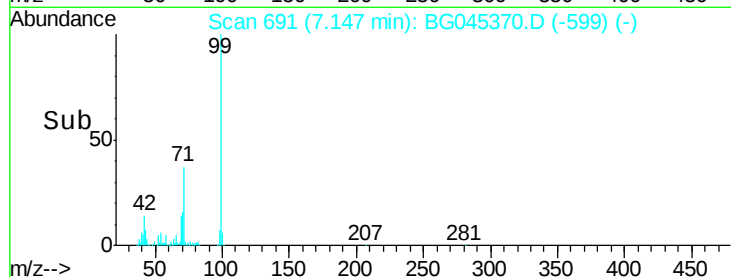
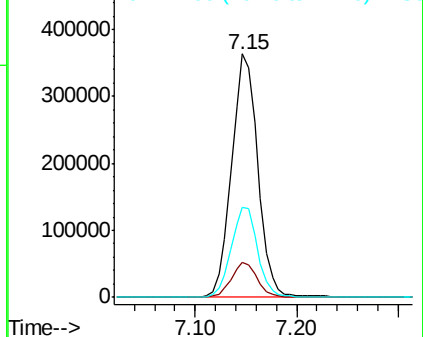
99 100

42 14.2 11.3 16.9

71 36.8 28.3 42.5



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: 10.78 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BG045370.D

Acq: 13 May 2020 20:34

Tgt Ion: 136 Resp: 344322

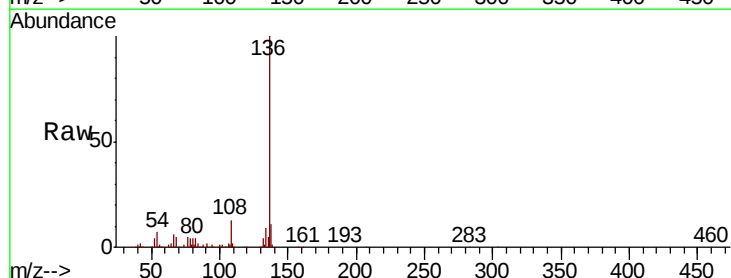
Ion Ratio Lower Upper

136 100

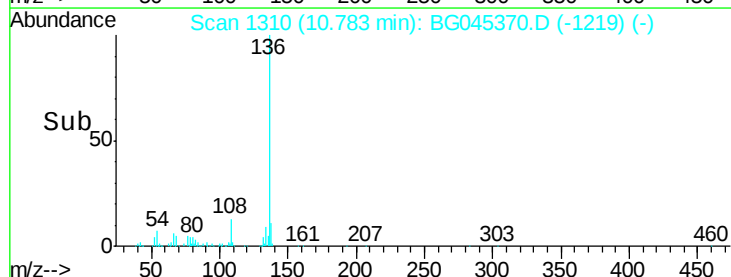
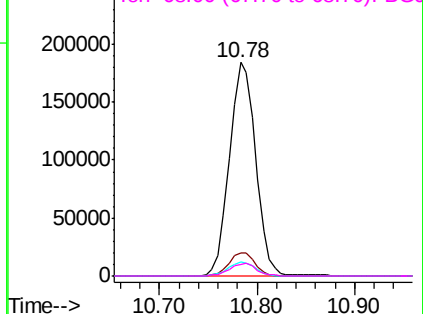
137 10.8 8.6 13.0

54 6.5 4.8 7.2

68 5.2 5.2 7.8#



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

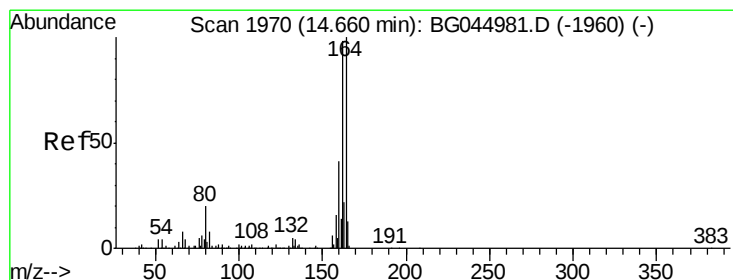
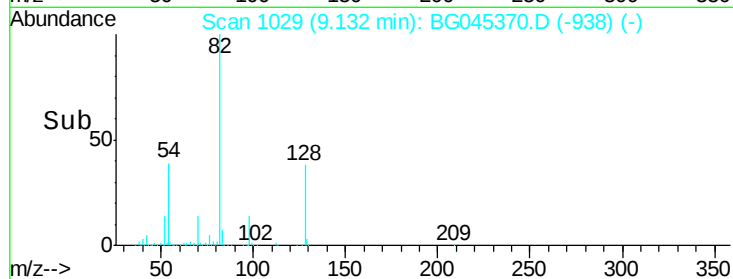
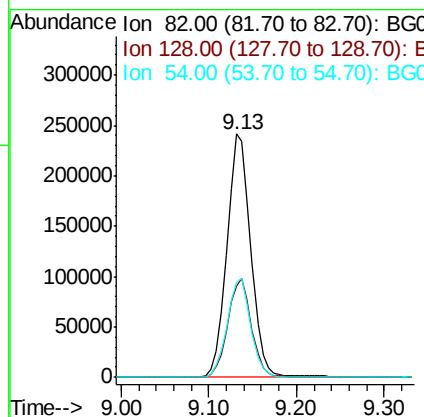
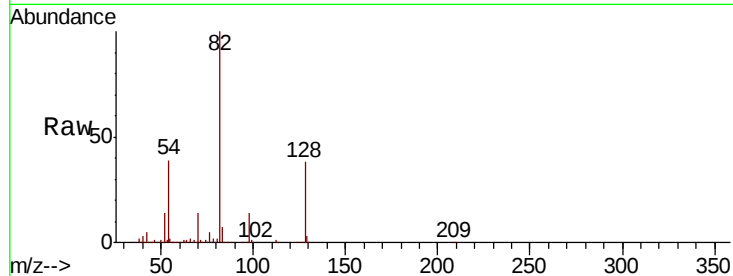




#23
 Nitrobenzene-d5
 Concen: 59.882 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BG045370.D
 Acq: 13 May 2020 20:34

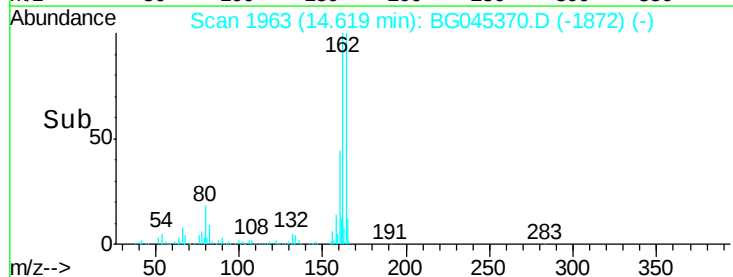
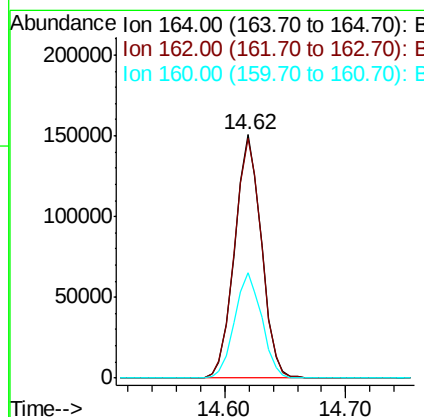
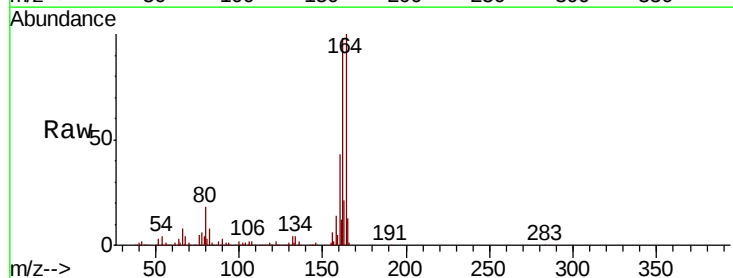
Instrument :
 BNA_G
 ClientSampleId :
 TP-27

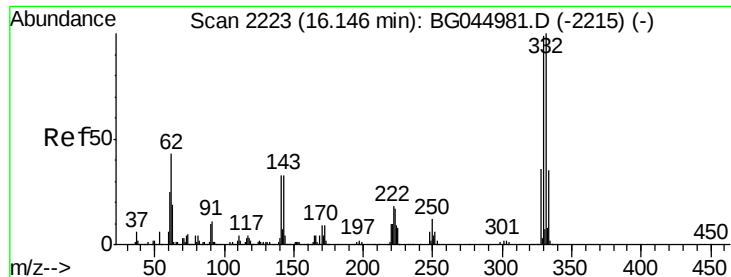
Tot Ion	82	Resp	451882
Ion Ratio	Lower	Upper	
82	100		
128	37.7	33.0	49.4
54	39.3	30.4	45.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG045370.D
 Acq: 13 May 2020 20:34

Tgt Ion	164	Resp	232182
Ion Ratio	Lower	Upper	
164	100		
162	98.3	78.7	118.1
160	43.1	32.8	49.2

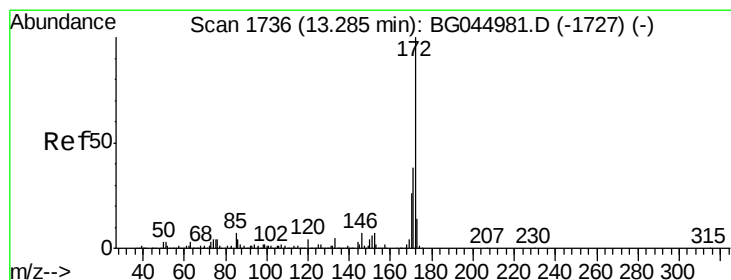
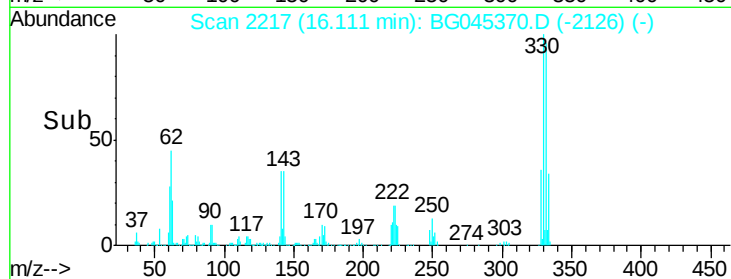
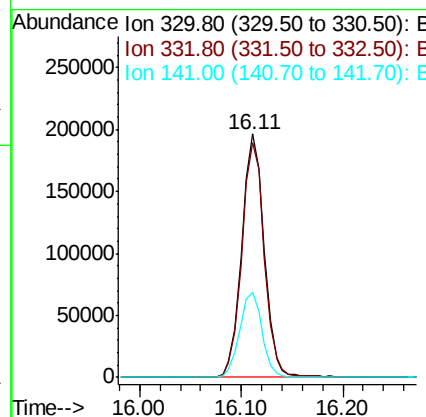
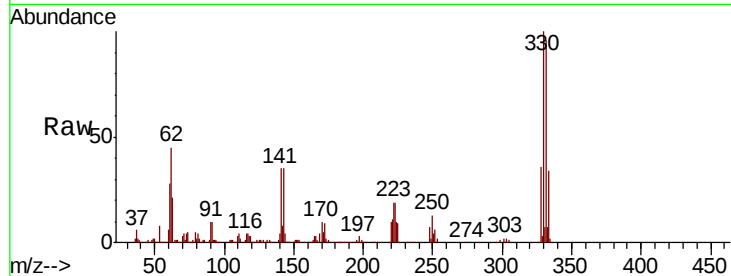




#42
 2,4,6-Tribromophenol
 Concen: 84.114 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG045370.D
 Acq: 13 May 2020 20:34

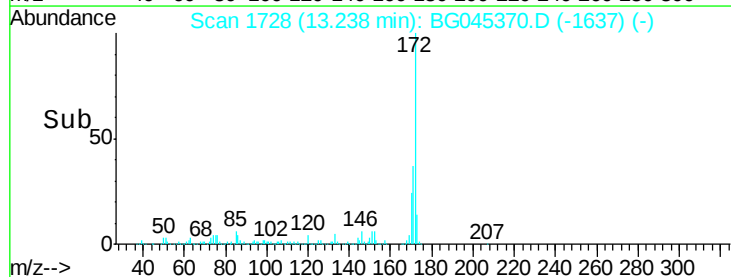
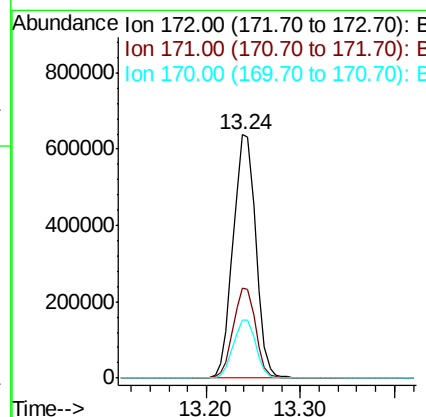
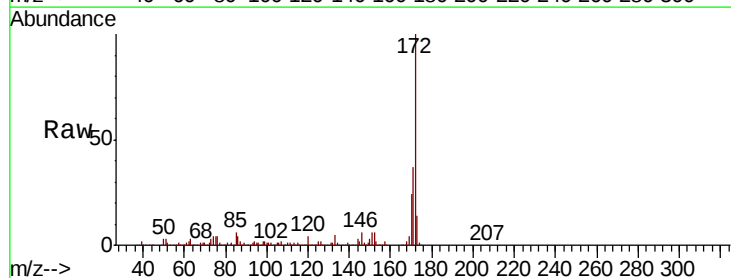
Instrument :
 BNA_G
 ClientSampled :
 TP-27

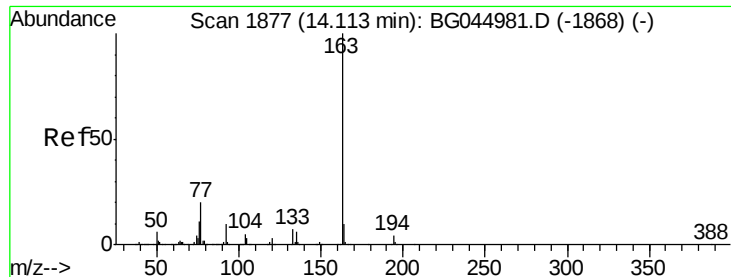
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.1	118.7
141	35.4	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 67.592 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG045370.D
 Acq: 13 May 2020 20:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	46.0
170	23.9	20.5	30.7





#50

Dimethylphthalate

Concen: 8.697 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG045370.D

Acq: 13 May 2020 20:34

Instrument :

BNA_G

ClientSampleId :

TP-27

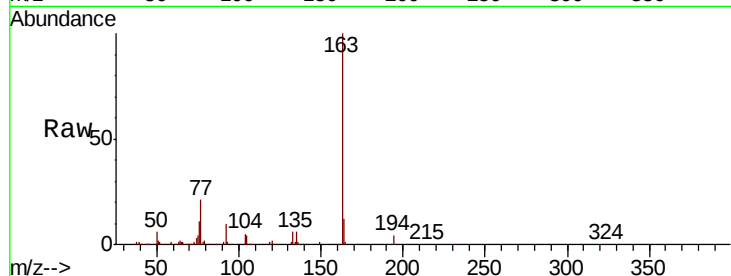
Tot Ion:163 Resp: 164428

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 11.8 8.2 12.4

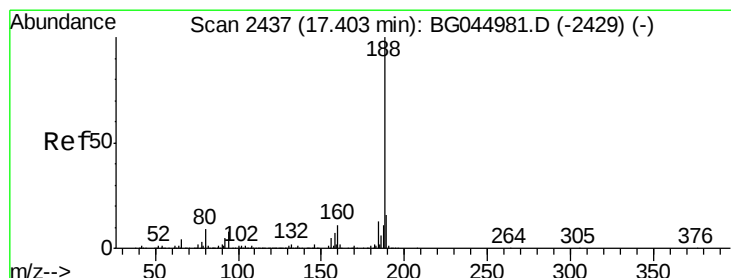
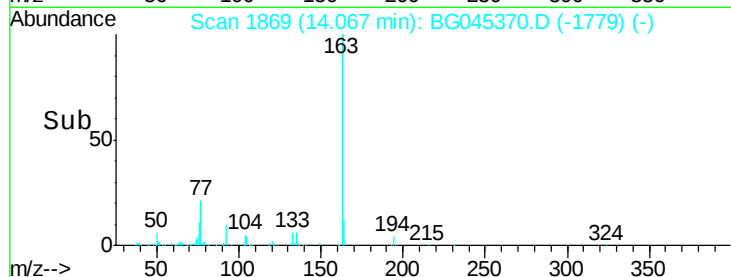
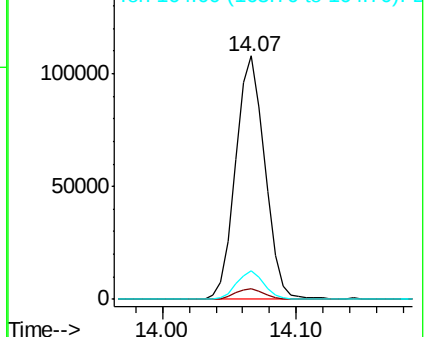


Abundance

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: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG045370.D

Acq: 13 May 2020 20:34

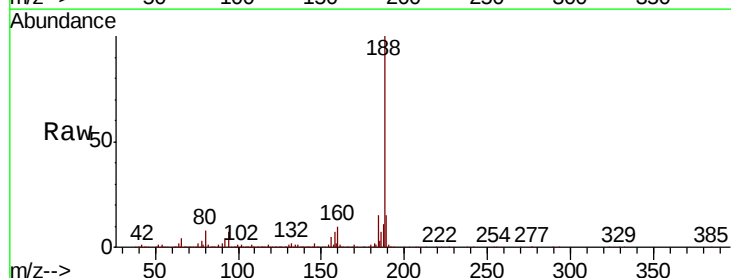
Tgt Ion:188 Resp: 465912

Ion Ratio Lower Upper

188 100

94 7.2 6.2 9.4

80 7.7 7.0 10.6

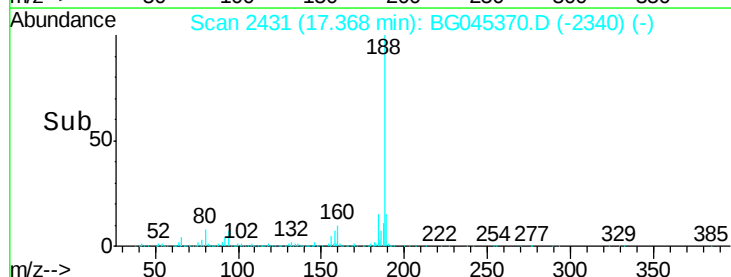
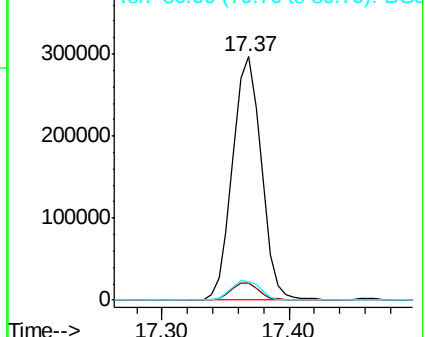


Abundance

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

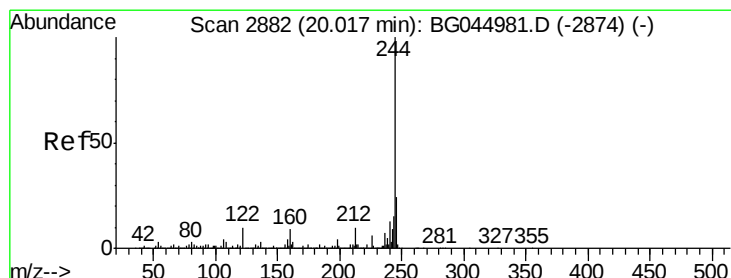
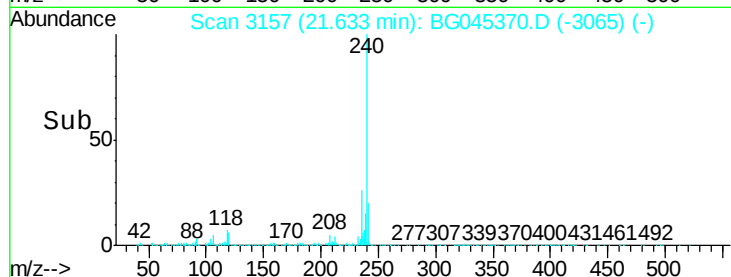
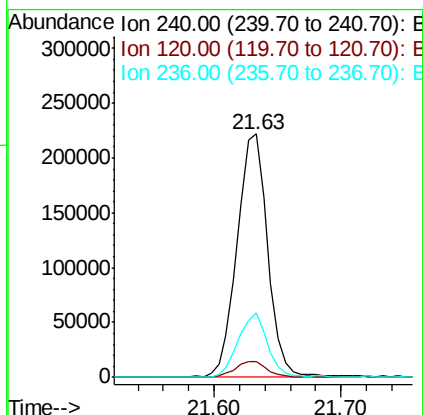
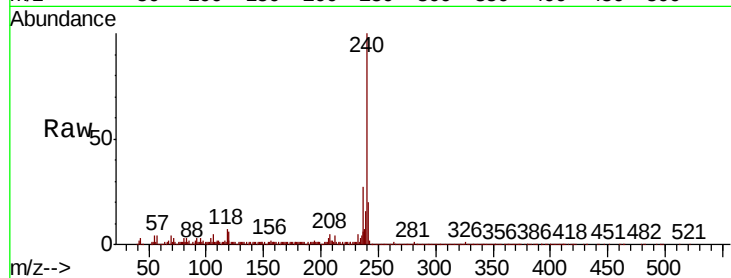




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3157
 Delta R.T. 0.01 min
 Lab File: BG045370.D
 Acq: 13 May 2020 20:34

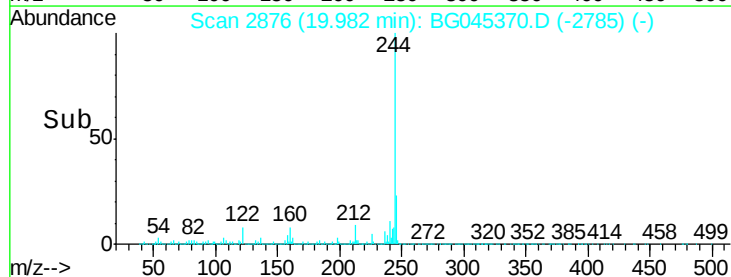
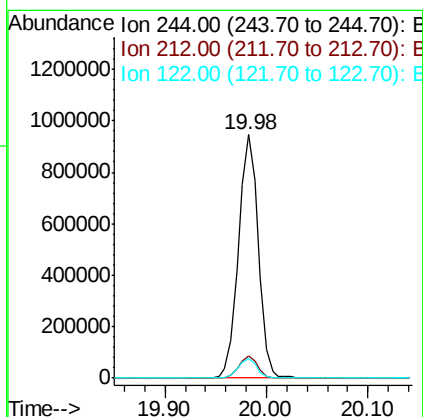
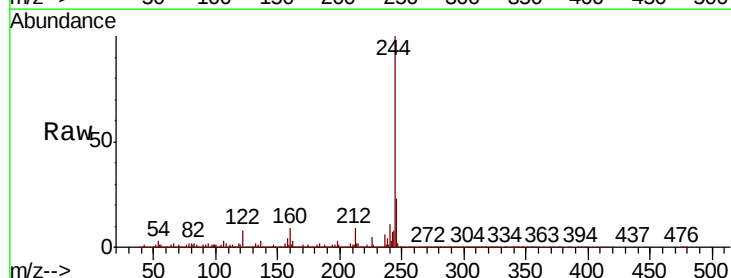
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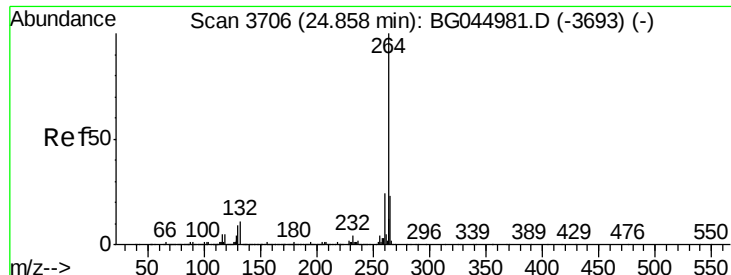
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.6	10.0#
236	26.5	22.2	33.2



#79
 Terphenyl-d14
 Concen: 75.783 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. 0.00 min
 Lab File: BG045370.D
 Acq: 13 May 2020 20:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.9	11.9
122	8.0	7.7	11.5

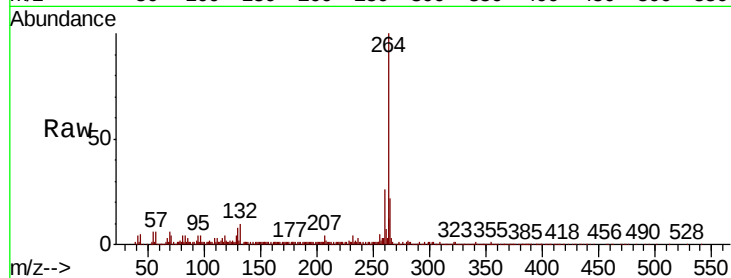




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.80 min Scan# 3696
 Delta R.T. 0.01 min
 Lab File: BG045370.D
 Acq: 13 May 2020 20:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-27

Tot Ion:264	Resp:	405384
Ion	Ratio	Lower Upper
264	100	
260	25.9	19.2 28.8
265	21.6	19.0 28.4



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

