

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
 Data File : BG045209.D
 Acq On : 29 Apr 2020 17:39
 Operator : CG/JU
 Sample : PB128554TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128554TB

Quant Time: Apr 29 19:02:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 12:24:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	61156	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	248736	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	196724	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	458323	20.00	ng	0.00
76) Chrysene-d12	21.64	240	447186	20.00	ng	0.00
87) Perylene-d12	24.81	264	477017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	505944	136.58	ng	0.00
7) Phenol-d6	7.15	99	736874	133.89	ng	0.00
23) Nitrobenzene-d5	9.14	82	523569	96.04	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	429842	141.44	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1284685	95.76	ng	0.00
79) Terphenyl-d14	20.00	244	2146146	104.60	ng	0.00

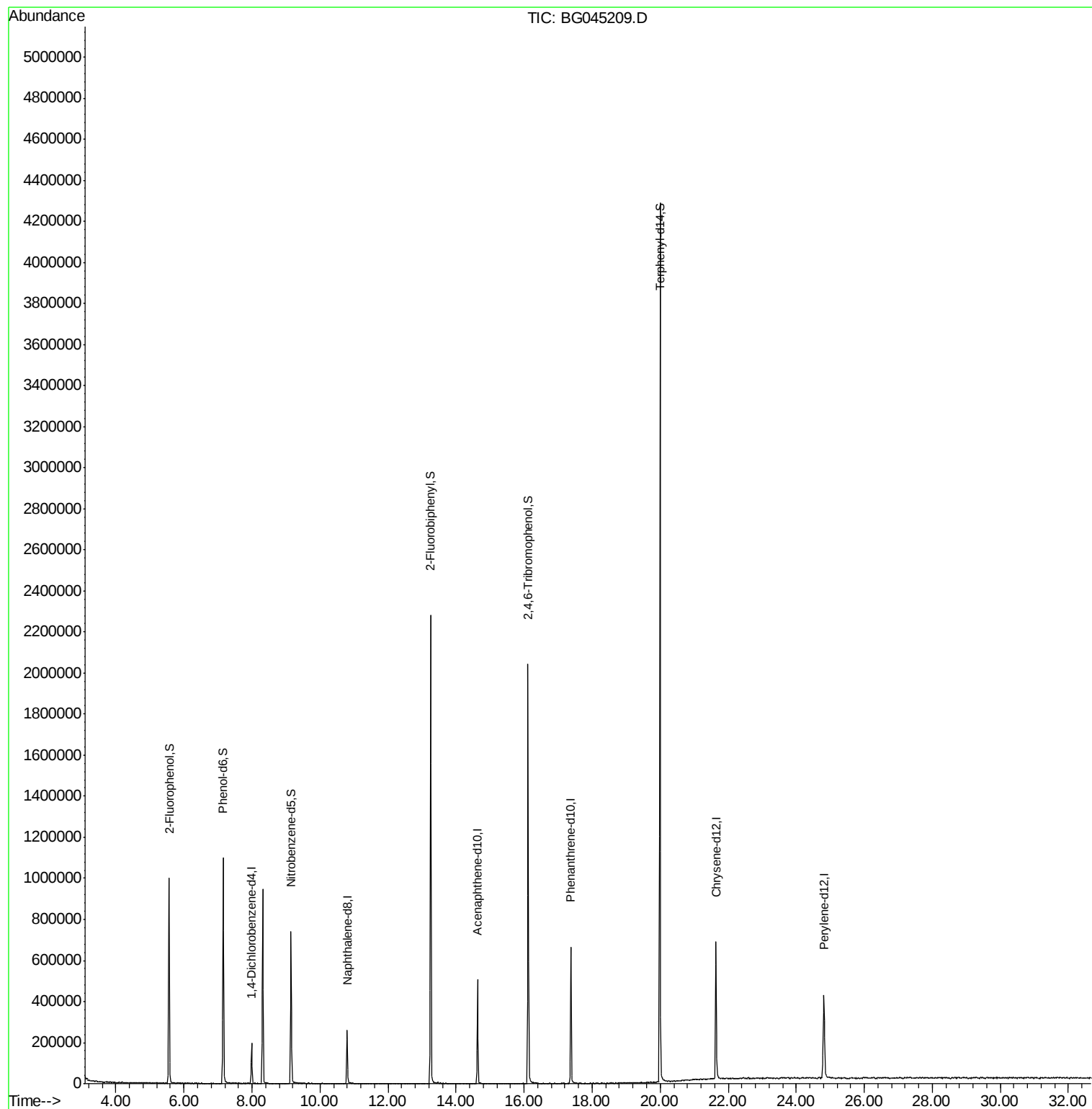
Target Compounds Qvalue

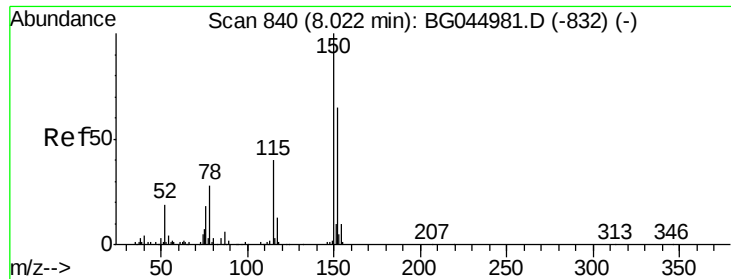
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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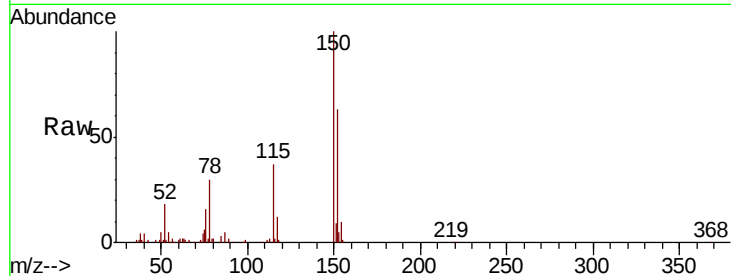


#1

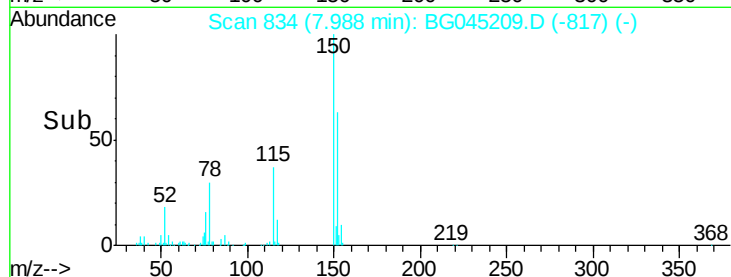
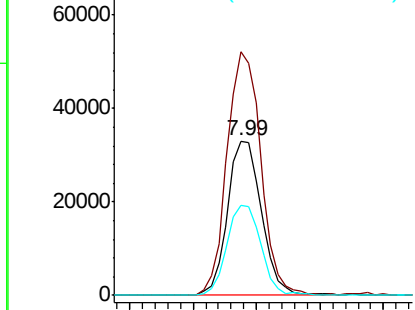
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG045209.D
 Acq: 29 Apr 2020 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB128554TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	123.6	185.4
115	58.6	49.1	73.7



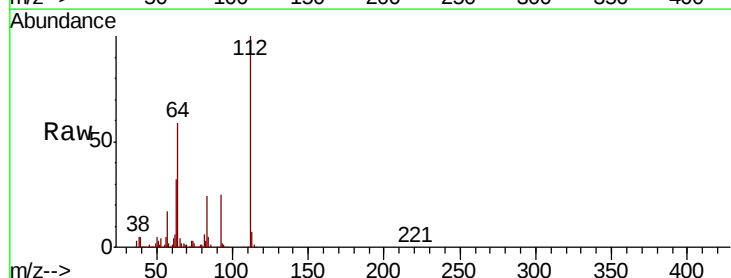
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



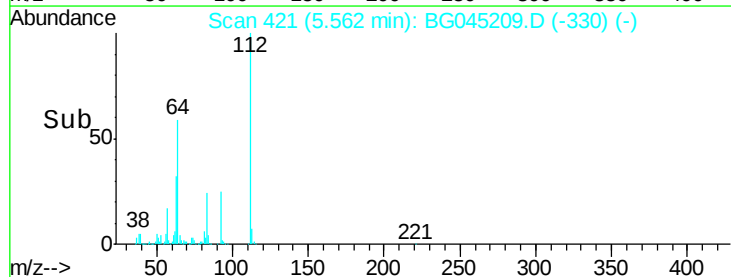
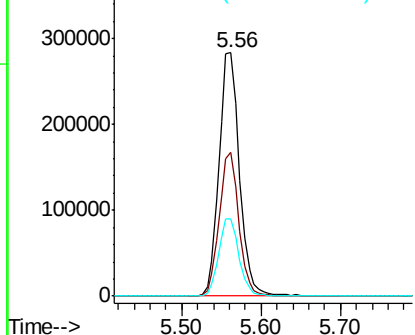
#5

2-Fluorophenol
 Concen: 136.583 ng
 RT: 5.56 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BG045209.D
 Acq: 29 Apr 2020 17:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	42.4	63.6
63	31.9	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: 133.888 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG045209.D

Acq: 29 Apr 2020 17:39

Instrument :

BNA_G

ClientSampleId :

PB128554TB

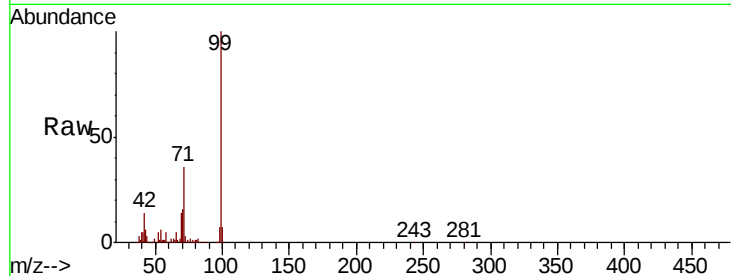
Tot Ion: 99 Resp: 736874

Ion Ratio Lower Upper

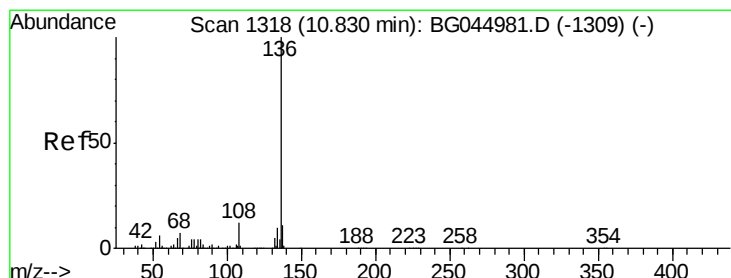
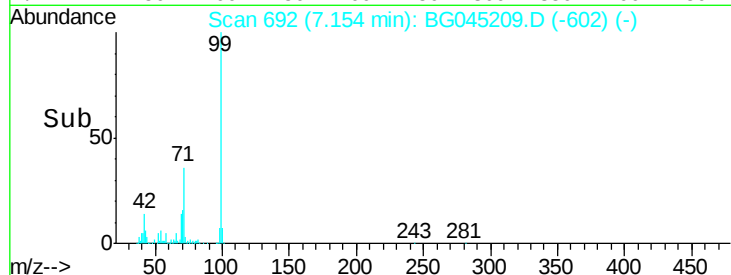
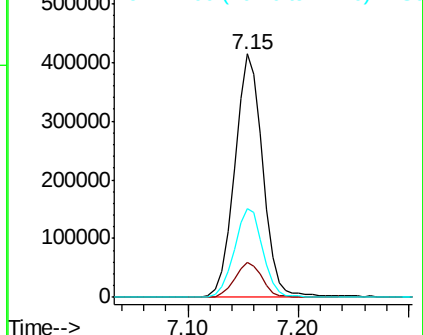
99 100

42 14.2 11.3 16.9

71 36.4 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: 10.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG045209.D

Acq: 29 Apr 2020 17:39

Tgt Ion: 136 Resp: 248736

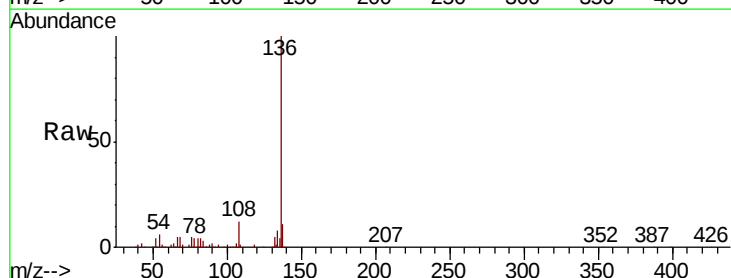
Ion Ratio Lower Upper

136 100

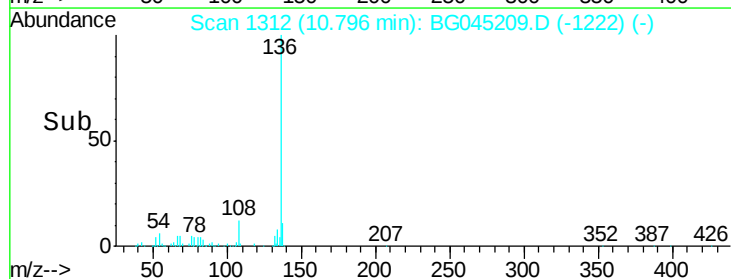
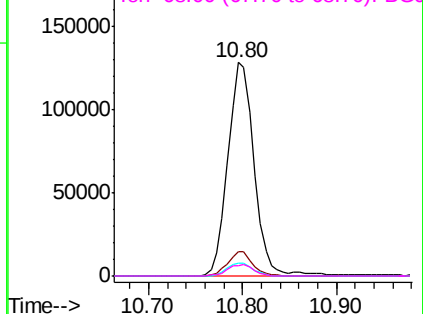
137 11.3 8.6 13.0

54 5.9 4.8 7.2

68 4.9 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

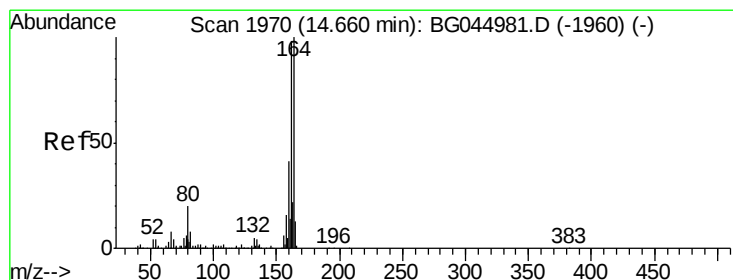
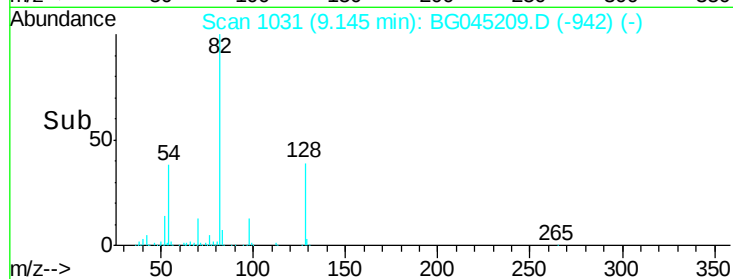
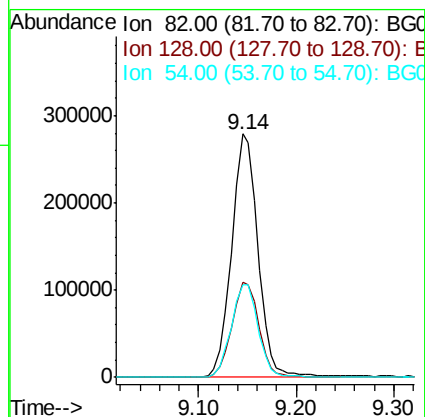
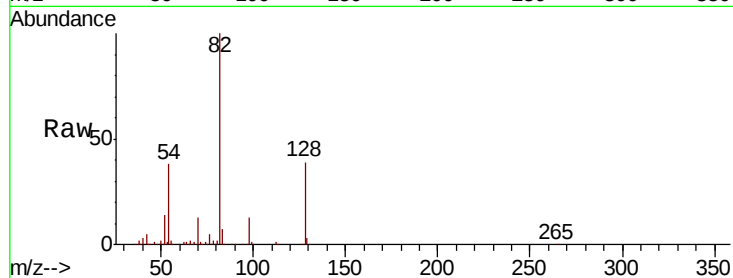




#23
Nitrobenzene-d5
Concen: 96.045 ng
RT: 9.14 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG045209.D
Acq: 29 Apr 2020 17:39

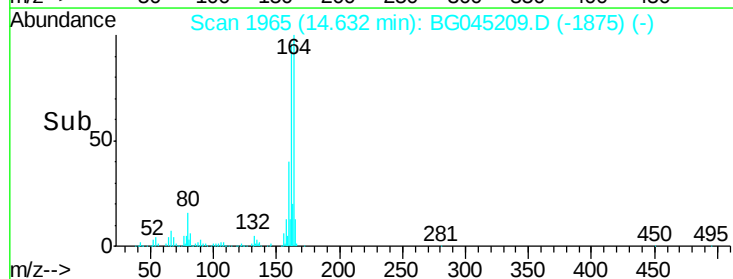
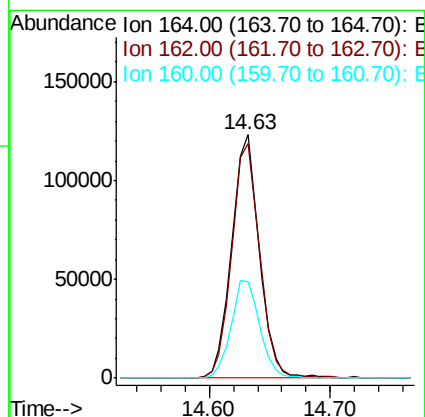
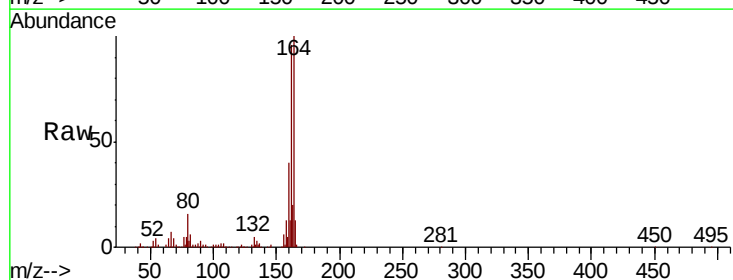
Instrument :
BNA_G
ClientSampleId :
PB128554TB

Tot Ion	82	Resp	523569
Ion Ratio	Lower	Upper	
82	100		
128	39.1	33.0	49.4
54	38.0	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045209.D
Acq: 29 Apr 2020 17:39

Tgt Ion	164	Resp	196724
Ion Ratio	Lower	Upper	
164	100		
162	96.4	78.7	118.1
160	39.9	32.8	49.2

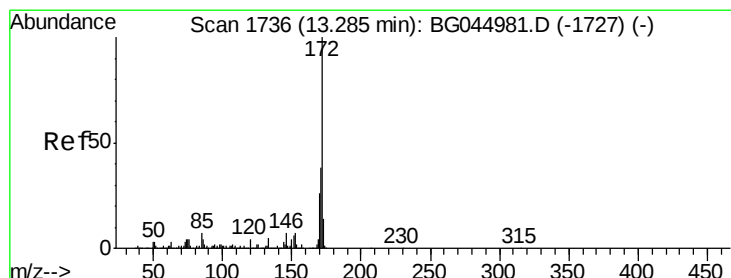
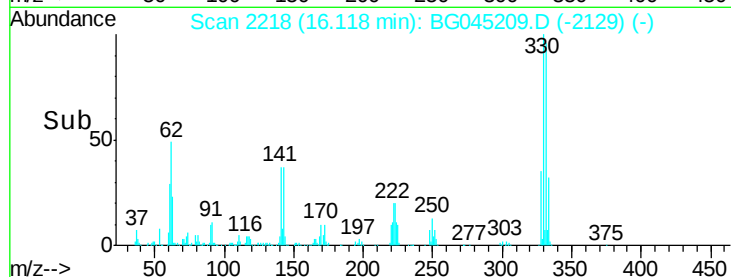
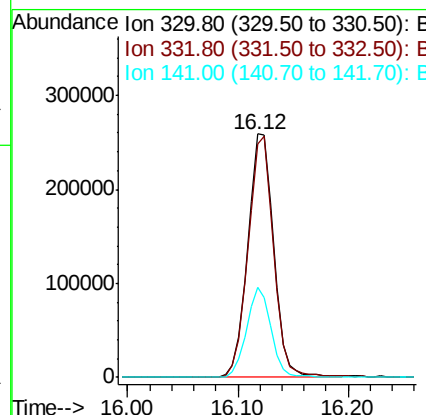
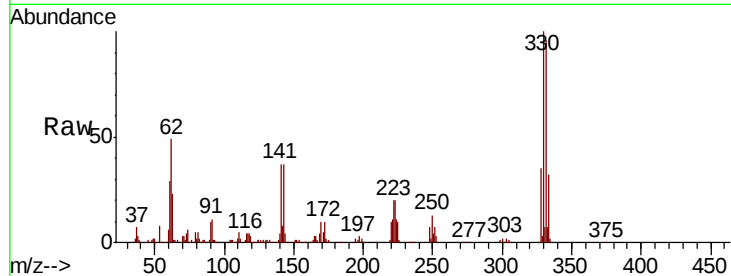




#42
 2,4,6-Tribromophenol
 Concen: 141.436 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG045209.D
 Acq: 29 Apr 2020 17:39

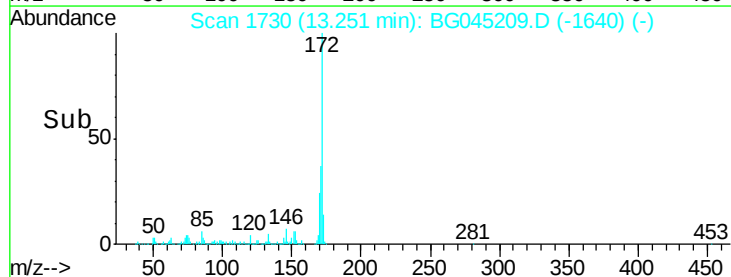
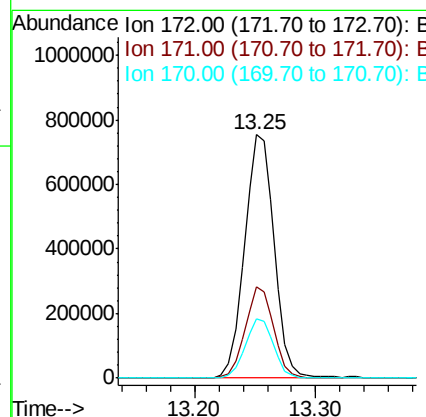
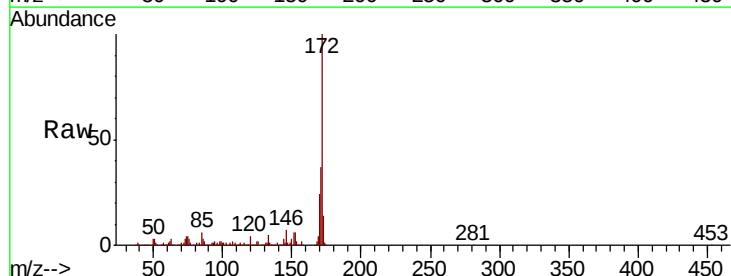
Instrument :
 BNA_G
 ClientSampleId :
 PB128554TB

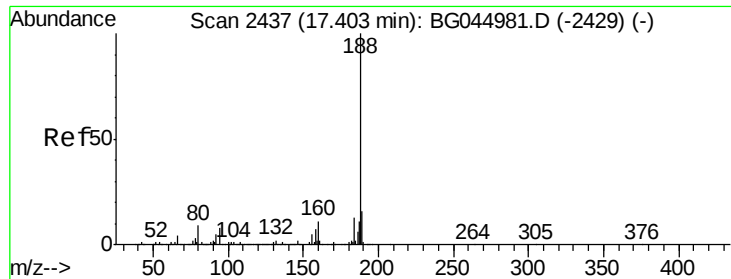
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.1	118.7
141	34.9	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 95.756 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BG045209.D
 Acq: 29 Apr 2020 17:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	24.3	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG045209.D

Acq: 29 Apr 2020 17:39

Instrument :

BNA_G

ClientSampleId :

PB128554TB

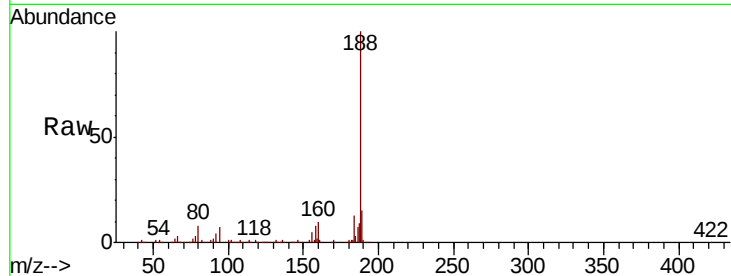
Tot Ion:188 Resp: 458323

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

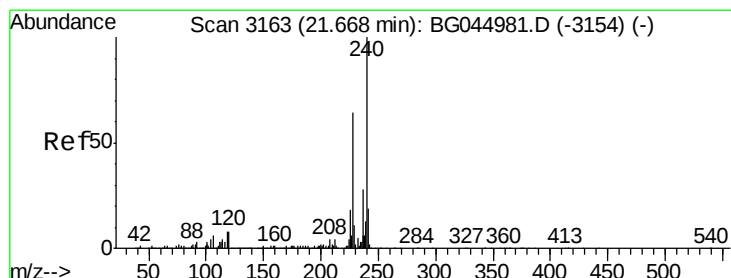
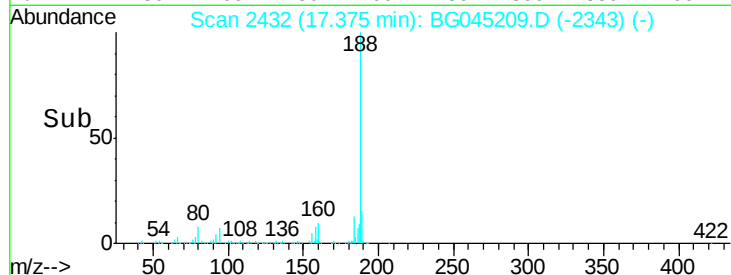
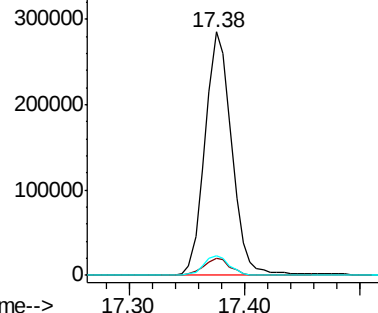
80 8.2 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG045209.D

Acq: 29 Apr 2020 17:39

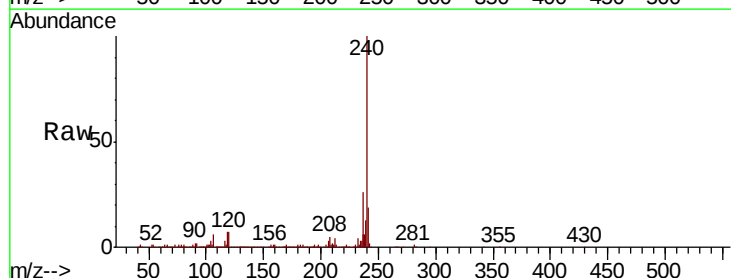
Tgt Ion:240 Resp: 447186

Ion Ratio Lower Upper

240 100

120 6.9 6.6 10.0

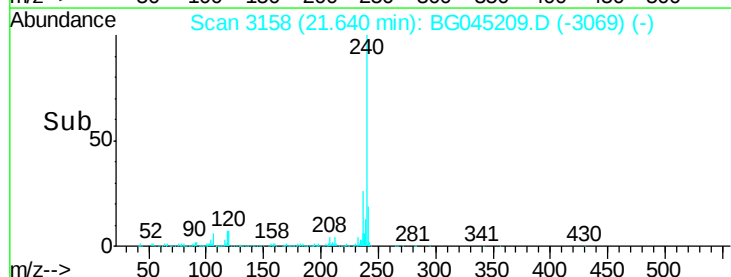
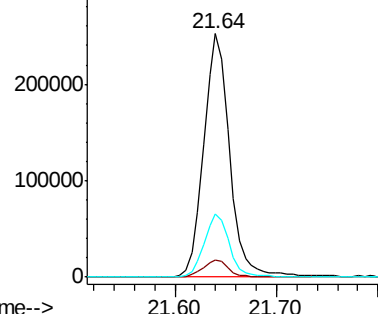
236 25.9 22.2 33.2

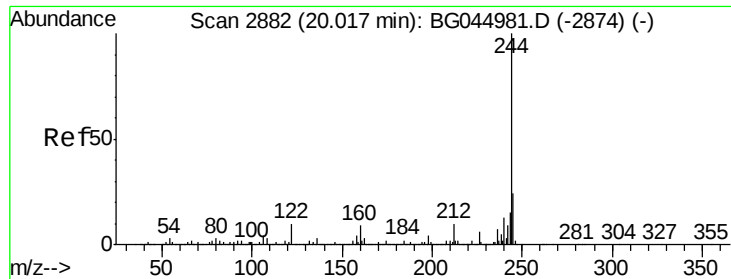


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.602 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG045209.D

Acq: 29 Apr 2020 17:39

Instrument :

BNA_G

ClientSampleId :

PB128554TB

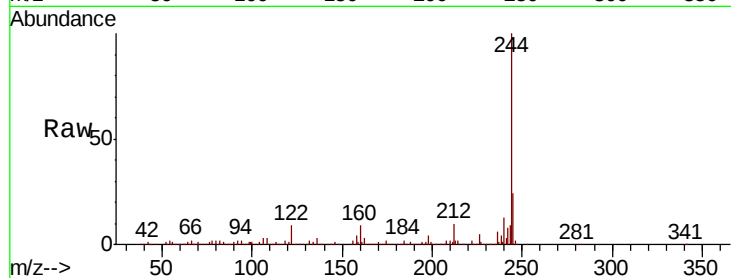
Tot Ion:244 Resp: 2146146

Ion Ratio Lower Upper

244 100

212 10.0 7.9 11.9

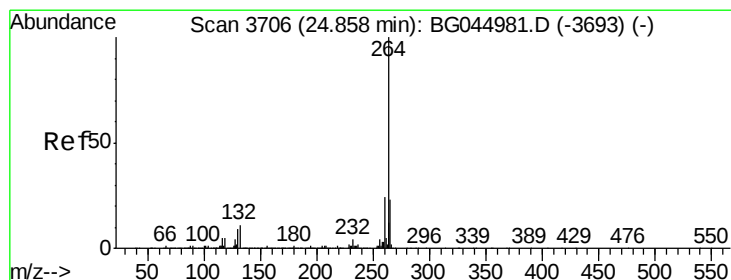
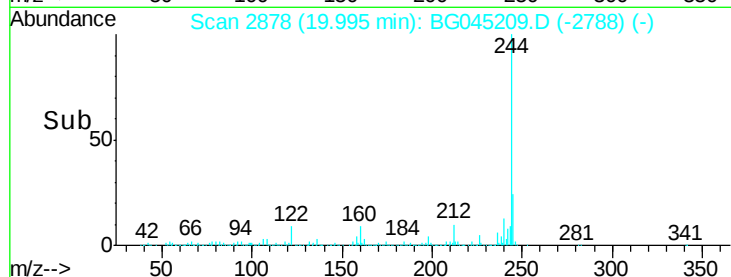
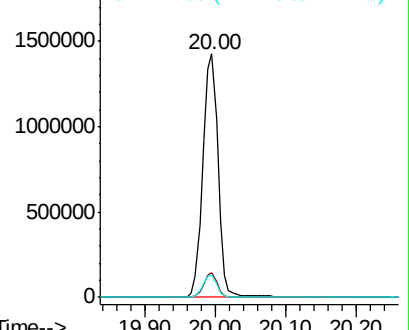
122 9.1 7.7 11.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3698

Delta R.T. -0.01 min

Lab File: BG045209.D

Acq: 29 Apr 2020 17:39

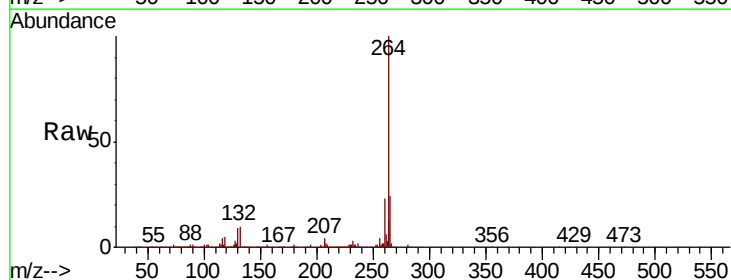
Tgt Ion:264 Resp: 477017

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 23.6 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

