

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
 Data File : BG045009.D
 Acq On : 16 Apr 2020 16:51
 Operator : CG/JU
 Sample : PB128228BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128228BL

Quant Time: Apr 16 17:27:57 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 15 17:57:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	61983	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	261361	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	202408	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	535567	20.00	ng	0.00
76) Chrysene-d12	21.66	240	553606	20.00	ng	0.00
87) Perylene-d12	24.85	264	596052	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	515137	137.21	ng	0.00
7) Phenol-d6	7.18	99	785759	140.87	ng	0.00
23) Nitrobenzene-d5	9.17	82	535278	93.45	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	487319	155.85	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1309809	94.89	ng	0.00
79) Terphenyl-d14	20.01	244	2508962	98.78	ng	0.00

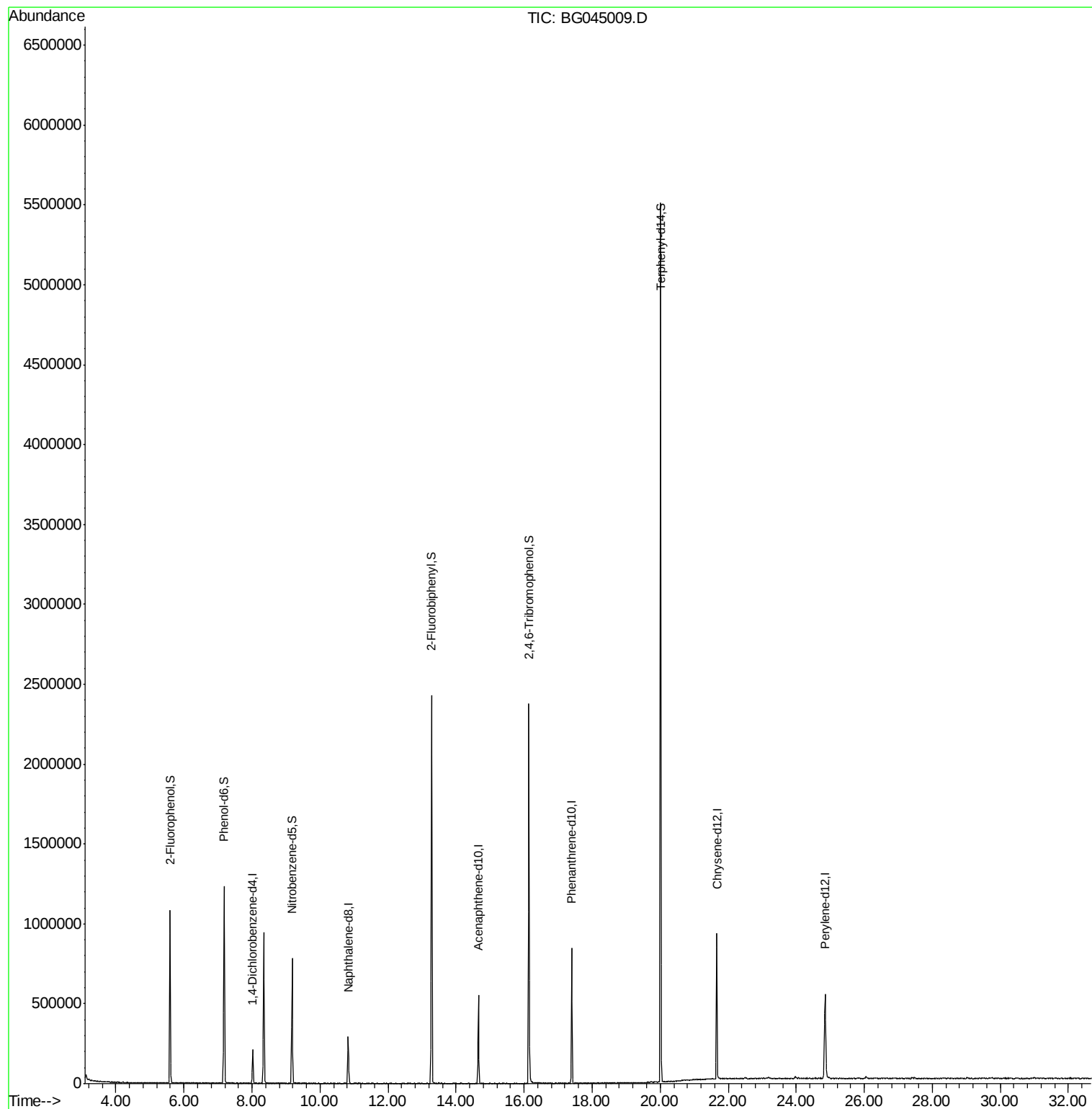
Target Compounds Qvalue

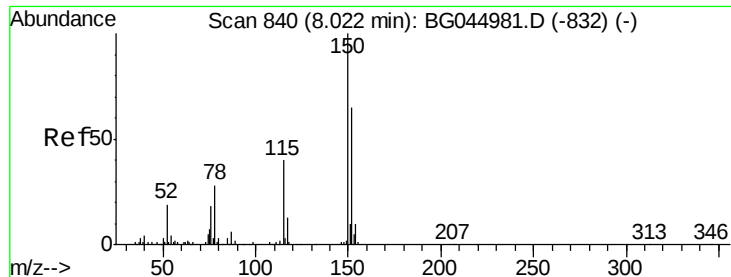
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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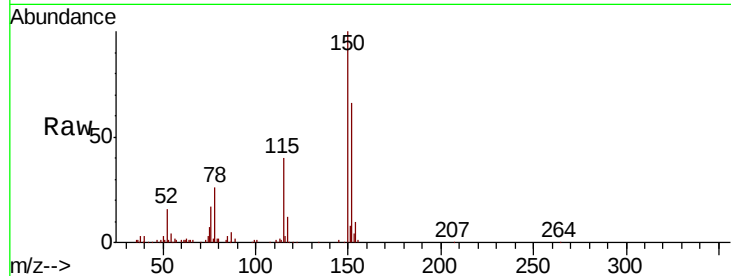


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045009.D
Acq: 16 Apr 2020 16:51

Instrument :
BNA_G
ClientSampleId :
PB128228BL

Tot Ion	152	Resp	61983
Ion	Ratio	Lower	Upper
152	100		
150	150.4	123.6	185.4
115	59.4	49.1	73.7

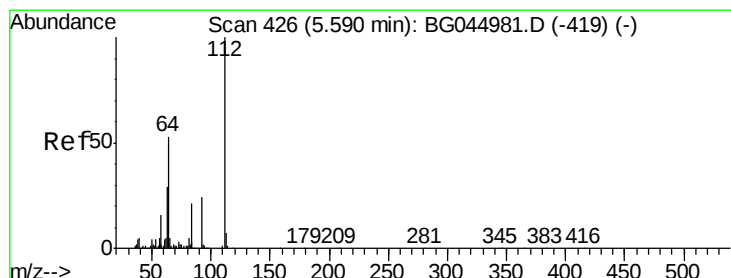
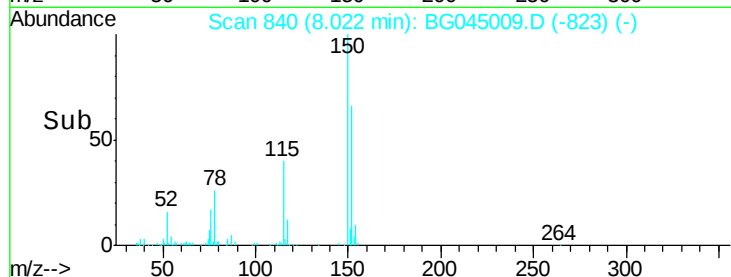
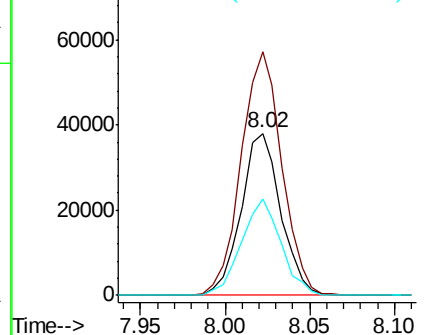


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

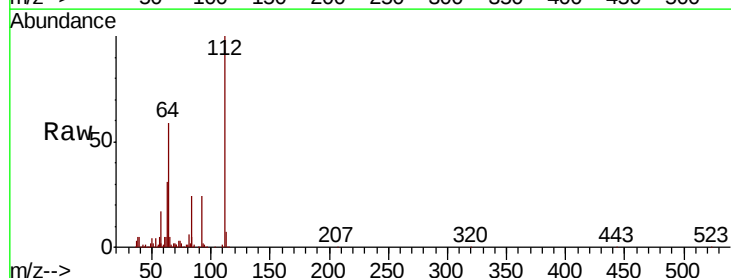
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.209 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045009.D
Acq: 16 Apr 2020 16:51

Tgt Ion	112	Resp	515137
Ion	Ratio	Lower	Upper
112	100		
64	58.6	42.4	63.6
63	31.3	23.1	34.7

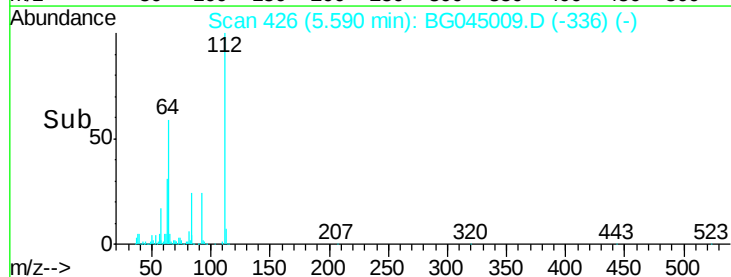
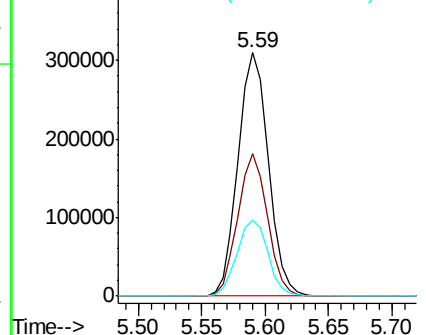


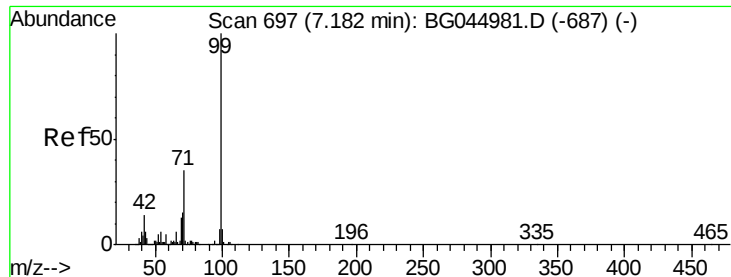
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 140.865 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG045009.D

Acq: 16 Apr 2020 16:51

Instrument :

BNA_G

ClientSampleId :

PB128228BL

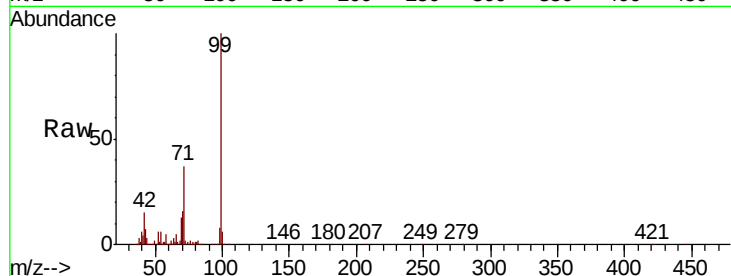
Tot Ion: 99 Resp: 785759

Ion Ratio Lower Upper

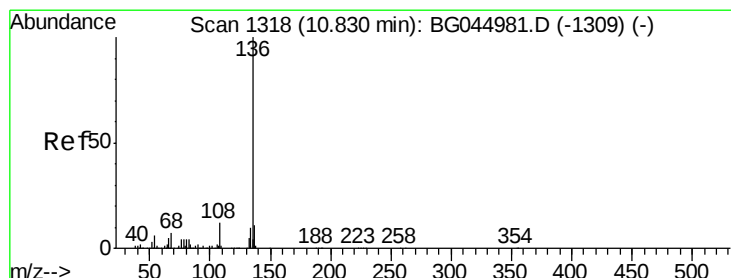
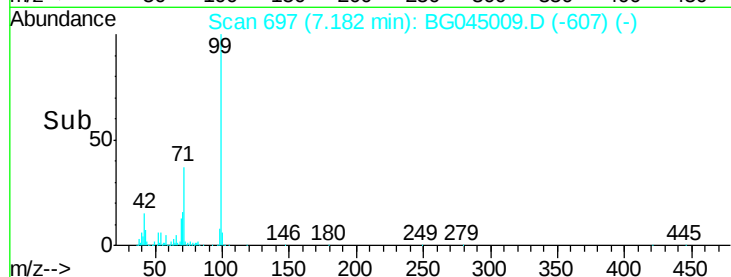
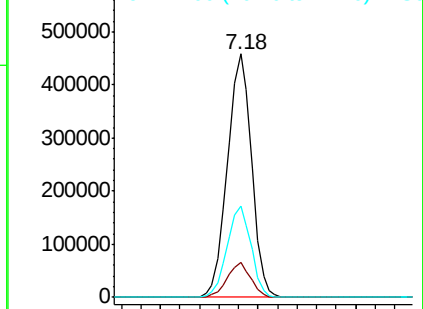
99 100

42 14.5 11.3 16.9

71 37.4 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: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG045009.D

Acq: 16 Apr 2020 16:51

Tgt Ion: 136 Resp: 261361

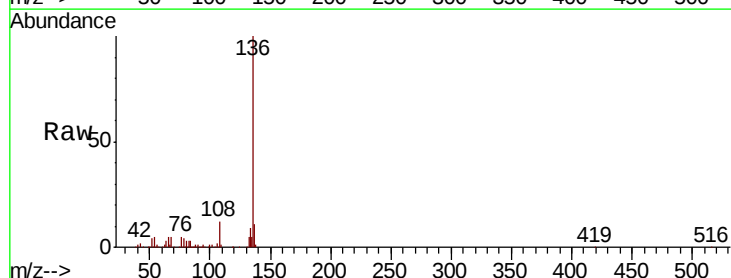
Ion Ratio Lower Upper

136 100

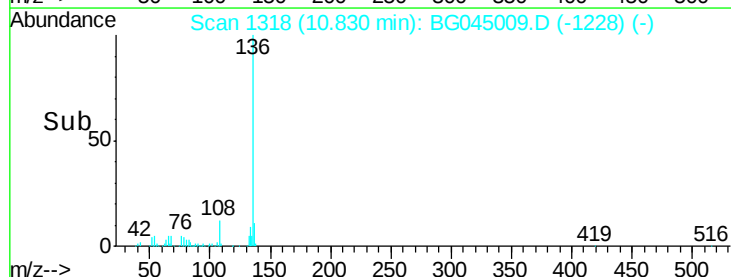
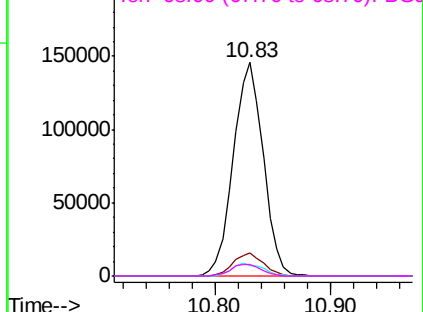
137 10.9 8.6 13.0

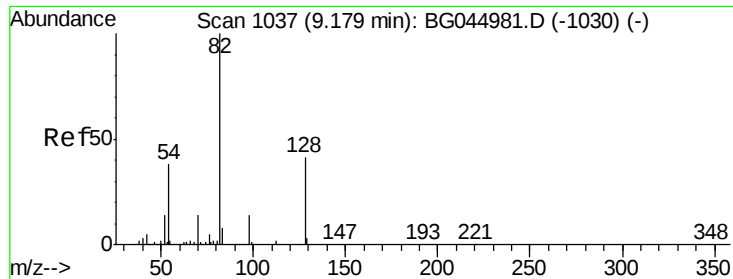
54 4.7 4.8 7.2#

68 5.5 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

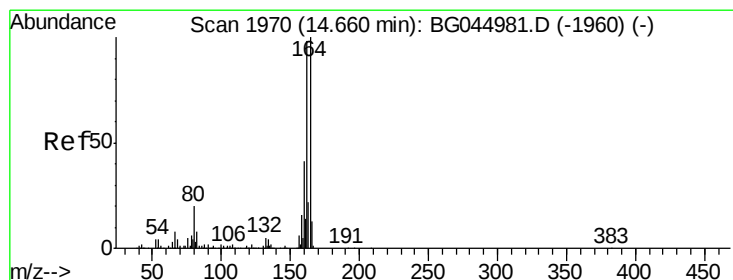
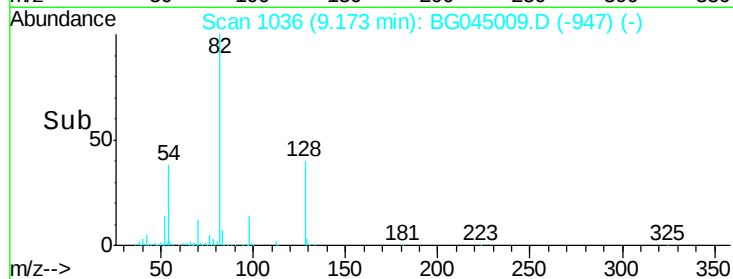
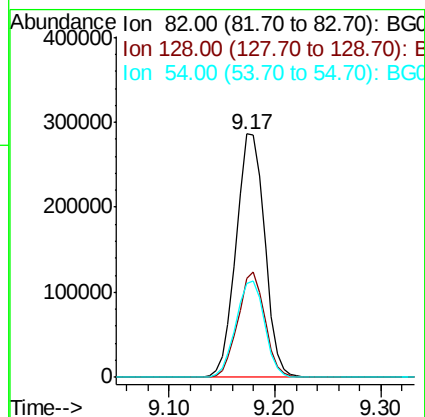
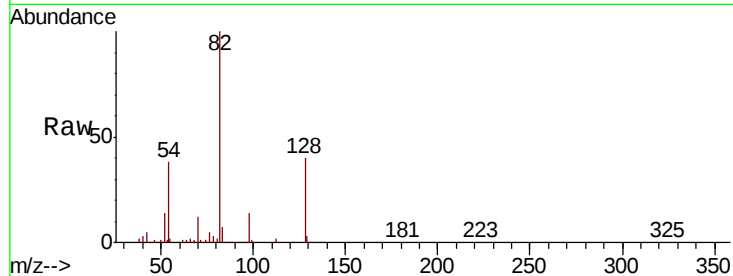




#23
Nitrobenzene-d5
Concen: 93.450 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG045009.D
Acq: 16 Apr 2020 16:51

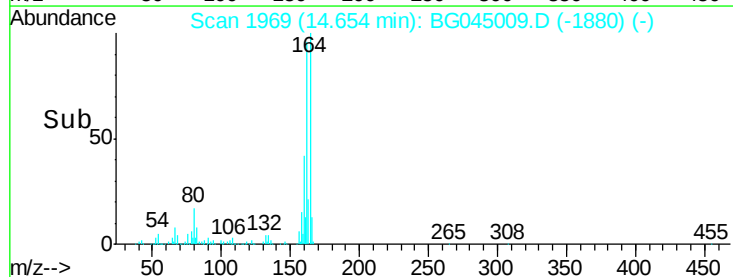
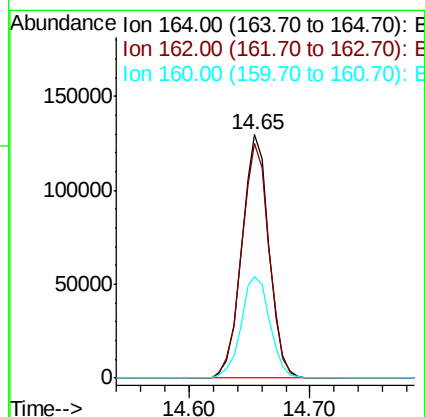
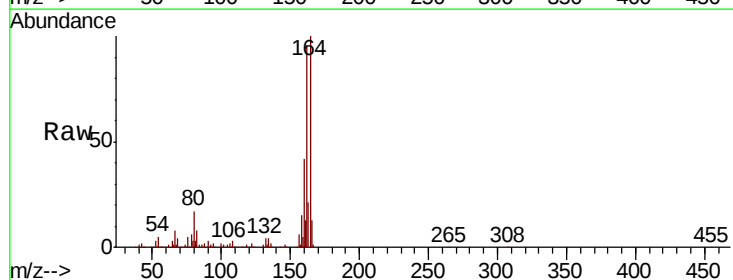
Instrument :
BNA_G
ClientSampleId :
PB128228BL

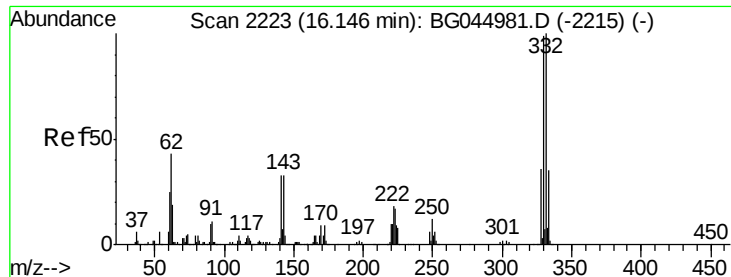
Tot Ion	82	Resp	535278
Ion Ratio	Lower	Upper	
82	100		
128	40.5	33.0	49.4
54	38.4	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG045009.D
Acq: 16 Apr 2020 16:51

Tgt Ion	164	Resp	202408
Ion Ratio	Lower	Upper	
164	100		
162	96.2	78.7	118.1
160	41.6	32.8	49.2

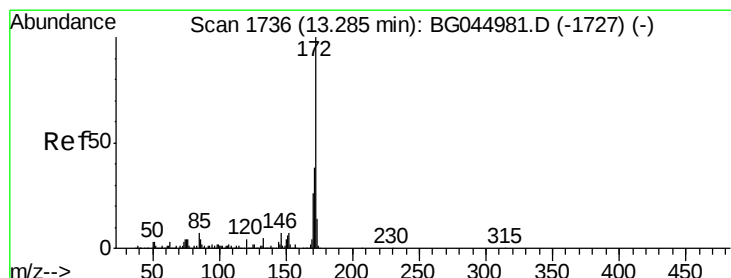
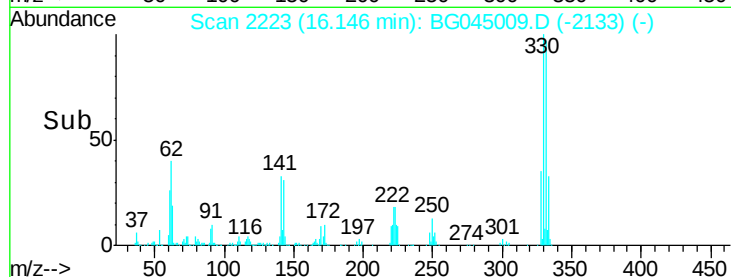
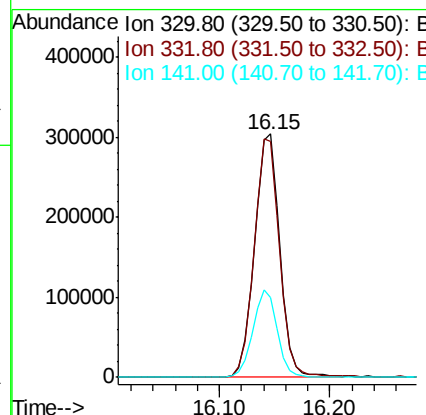
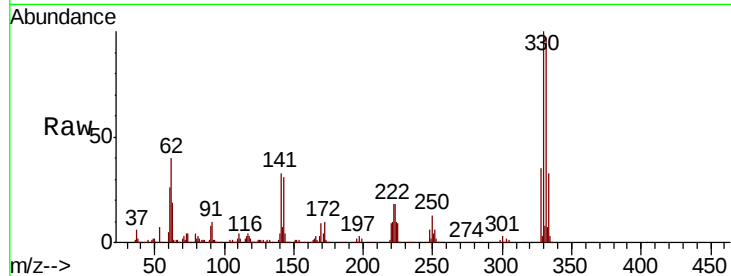




#42
 2,4,6-Tribromophenol
 Concen: 155.845 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BG045009.D
 Acq: 16 Apr 2020 16:51

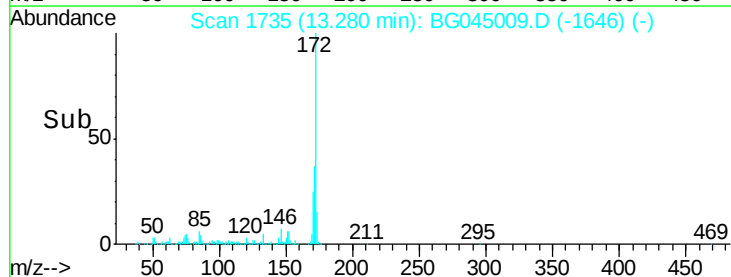
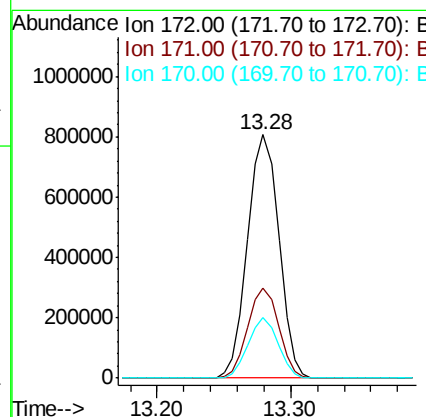
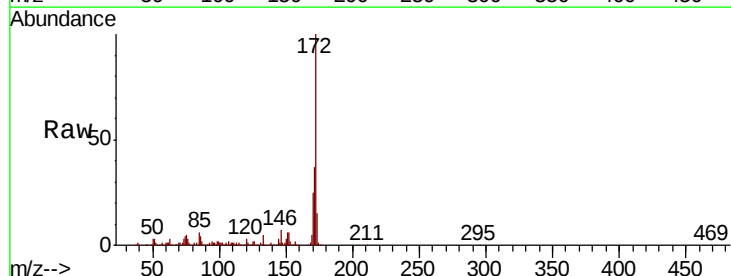
Instrument :
 BNA_G
 ClientSampleId :
 PB128228BL

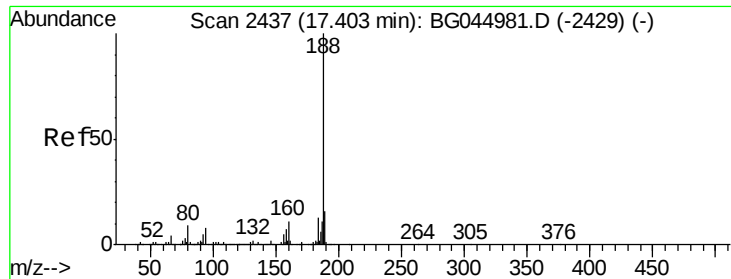
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.1	118.7
141	34.4	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 94.887 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG045009.D
 Acq: 16 Apr 2020 16:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.6	46.0
170	24.9	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG045009.D

Acq: 16 Apr 2020 16:51

Instrument :

BNA_G

ClientSampleId :

PB128228BL

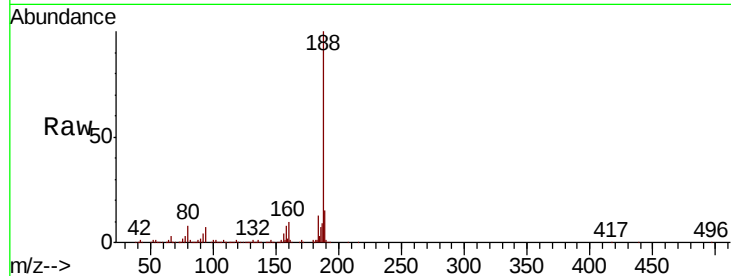
Tot Ion:188 Resp: 535567

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.4

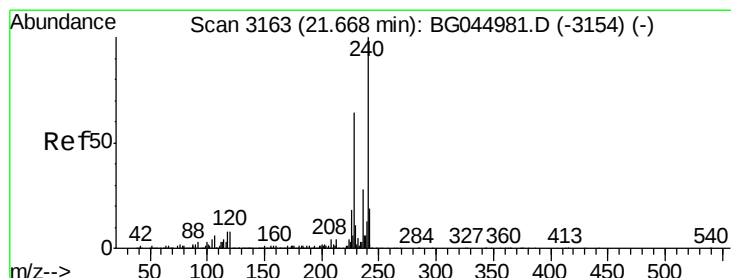
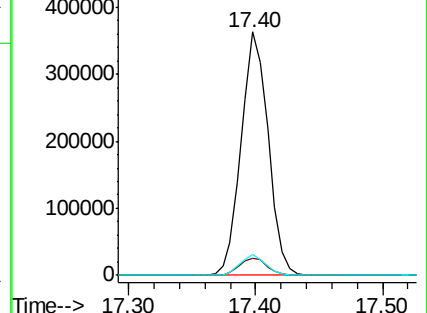
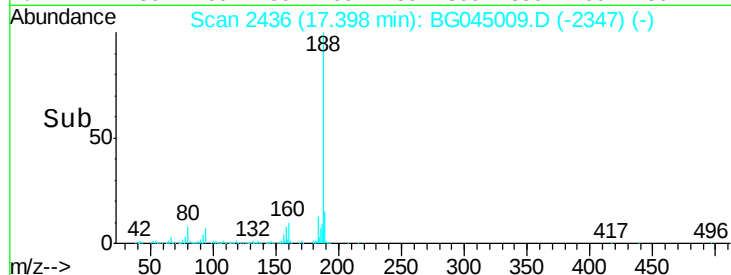
80 8.4 7.0 10.6



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: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG045009.D

Acq: 16 Apr 2020 16:51

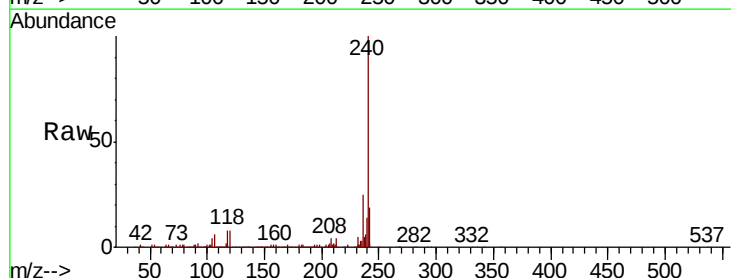
Tgt Ion:240 Resp: 553606

Ion Ratio Lower Upper

240 100

120 7.8 6.6 10.0

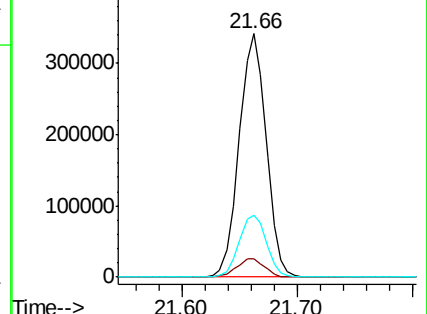
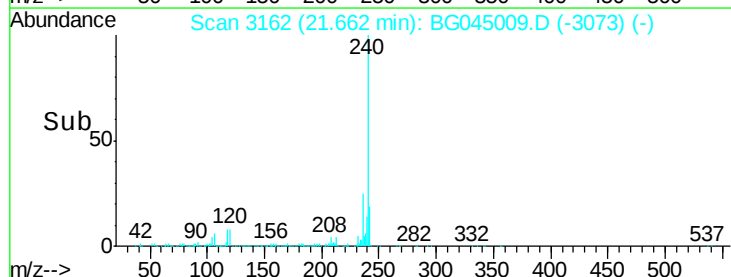
236 25.4 22.2 33.2

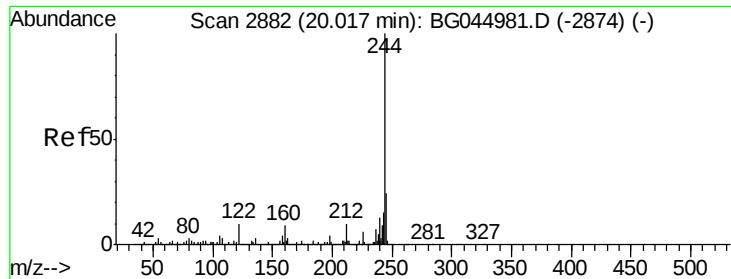


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.779 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG045009.D

Acq: 16 Apr 2020 16:51

Instrument :

BNA_G

ClientSampleId :

PB128228BL

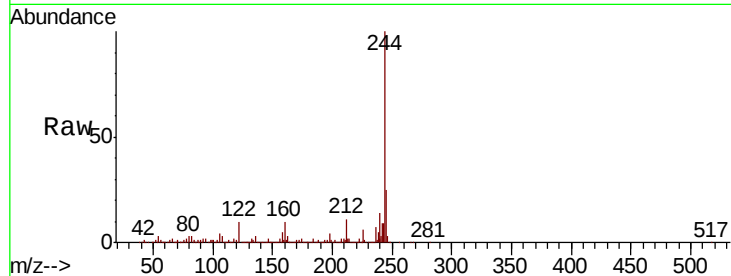
Tot Ion:244 Resp: 2508962

Ion Ratio Lower Upper

244 100

212 10.7 7.9 11.9

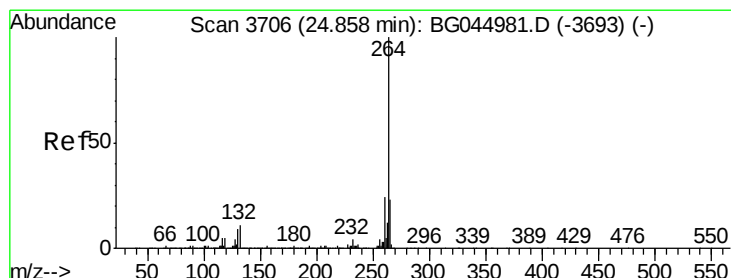
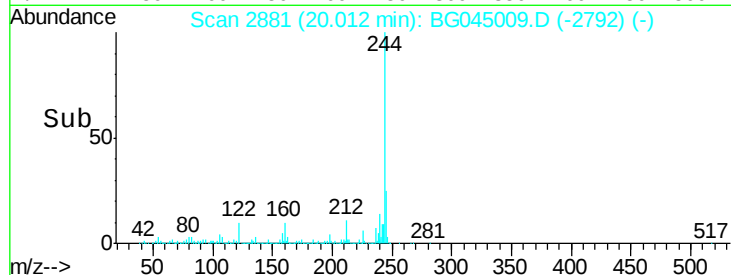
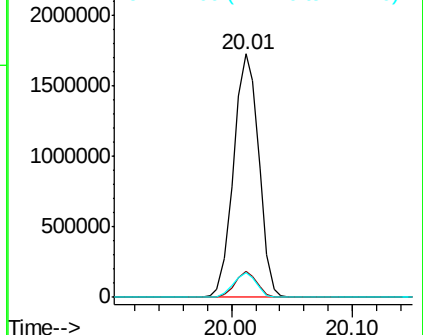
122 10.2 7.7 11.5



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: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG045009.D

Acq: 16 Apr 2020 16:51

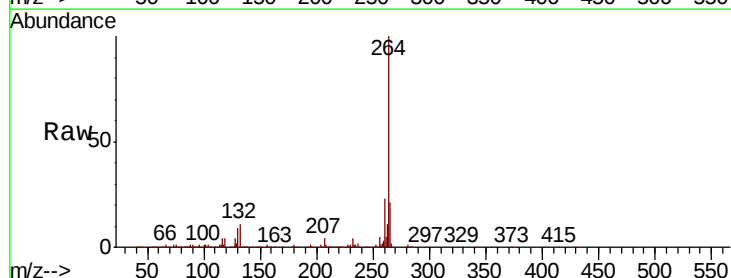
Tgt Ion:264 Resp: 596052

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.0 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

