

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044433.D
 Acq On : 14 Feb 2020 1:13
 Operator : CG/JU
 Sample : L1510-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Feb 14 04:02:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

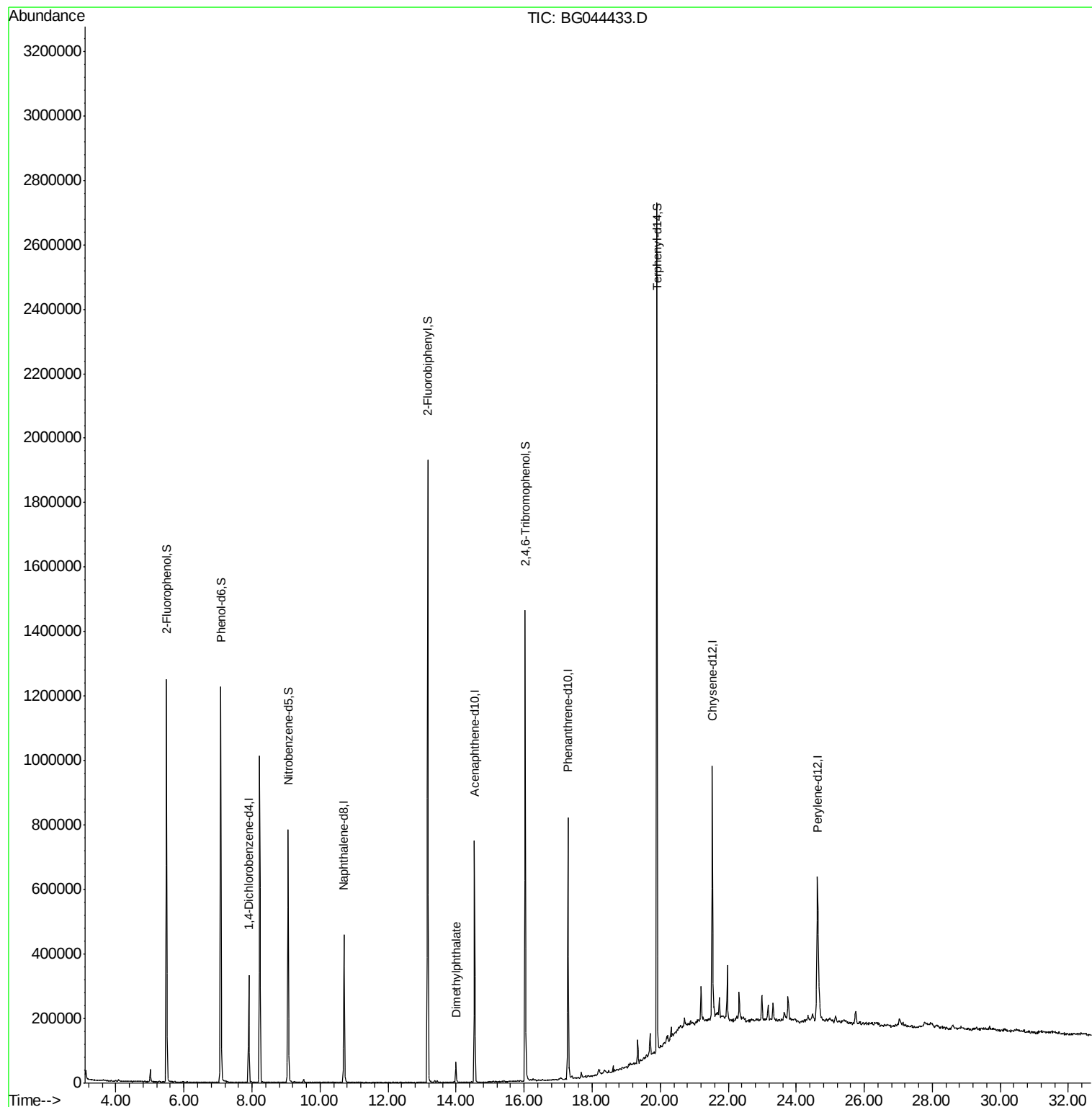
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	100087	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	434467	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	264042	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	526016	20.00	ng	0.00
76) Chrysene-d12	21.53	240	469352	20.00	ng	0.00
87) Perylene-d12	24.63	264	508105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	608435	107.29	ng	0.00
7) Phenol-d6	7.08	99	820986	107.80	ng	0.00
23) Nitrobenzene-d5	9.06	82	506837	65.86	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	294232	94.92	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1054785	66.89	ng	0.00
79) Terphenyl-d14	19.90	244	1239136	54.30	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.00	163	48835	2.573	ng	Qvalue 98

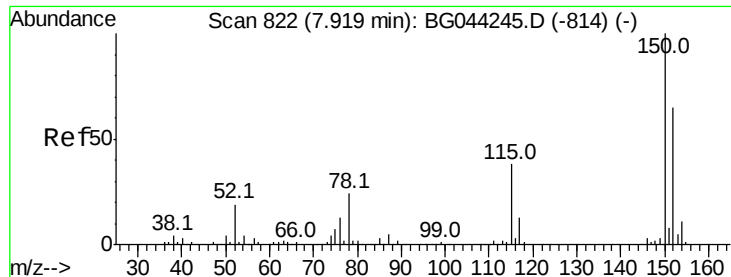
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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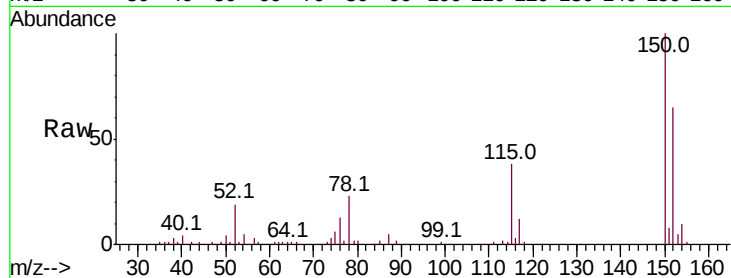


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG044433.D
Acq: 14 Feb 2020 1:13

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.6	183.8
115	58.5	46.0	69.0

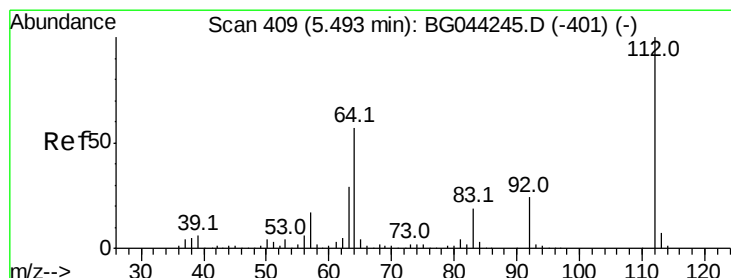
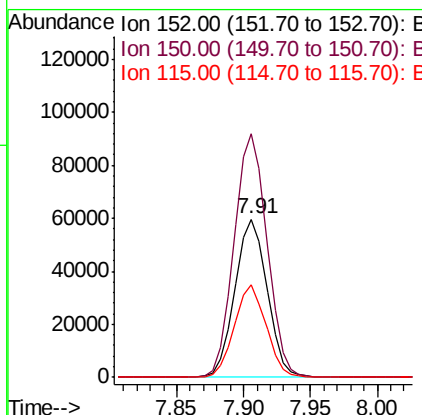
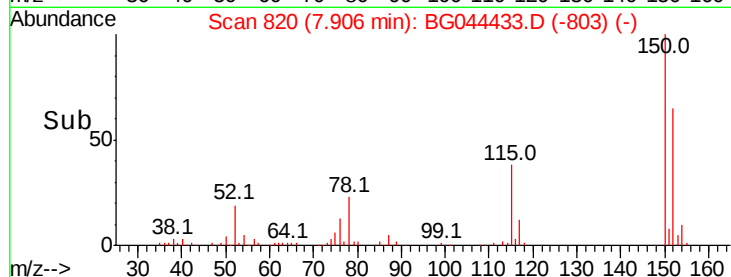


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

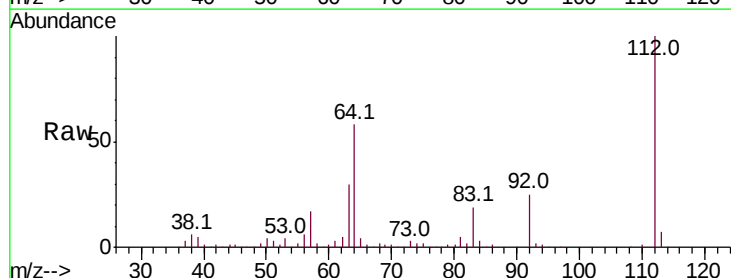
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.286 ng
RT: 5.49 min Scan# 408
Delta R.T. 0.01 min
Lab File: BG044433.D
Acq: 14 Feb 2020 1:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	45.4	68.2
63	29.8	22.9	34.3

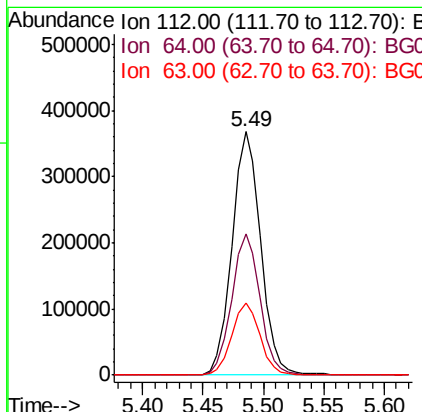
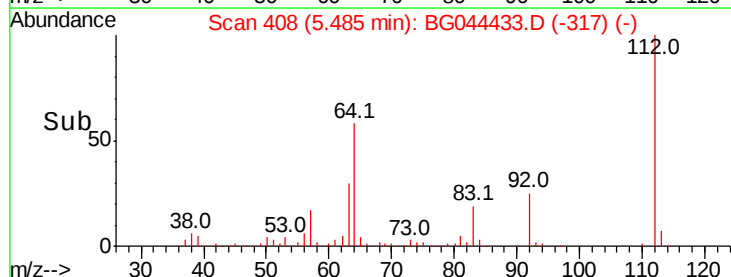


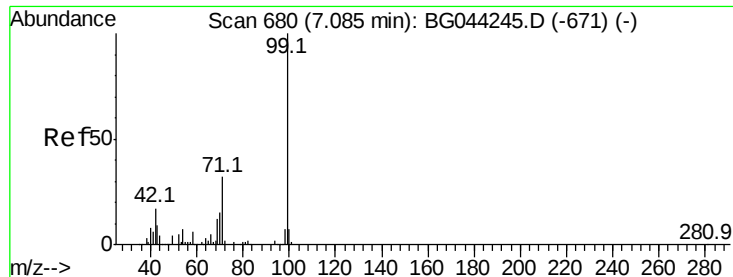
Abundance

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: 107.804 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

Instrument :

BNA_G

ClientSampleId :

TP-2

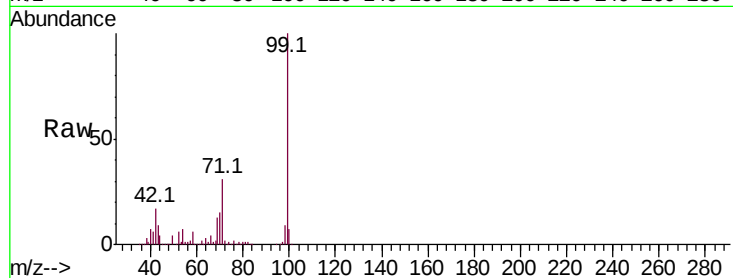
Tot Ion: 99 Resp: 820986

Ion Ratio Lower Upper

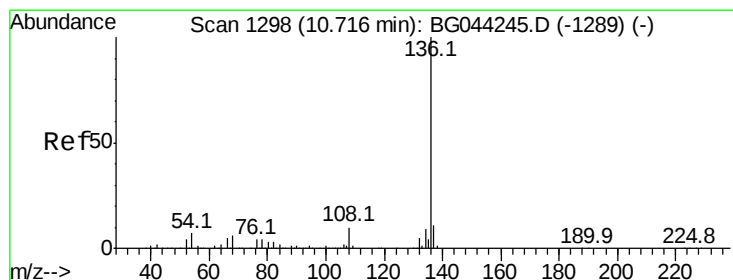
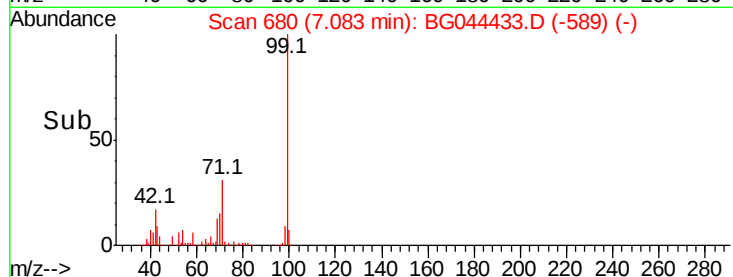
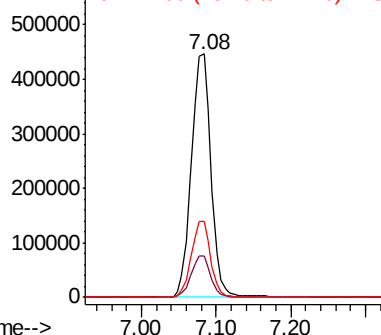
99 100

42 16.8 13.8 20.6

71 31.2 25.5 38.3



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: 10.71 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

Tgt Ion: 136 Resp: 434467

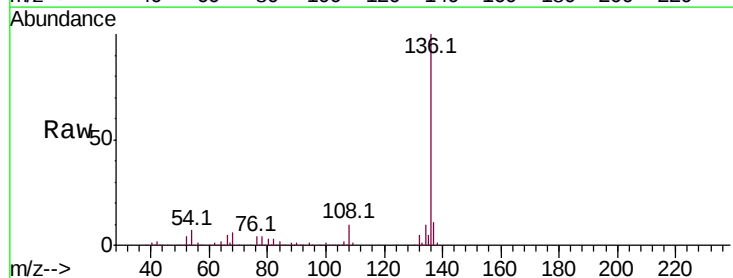
Ion Ratio Lower Upper

136 100

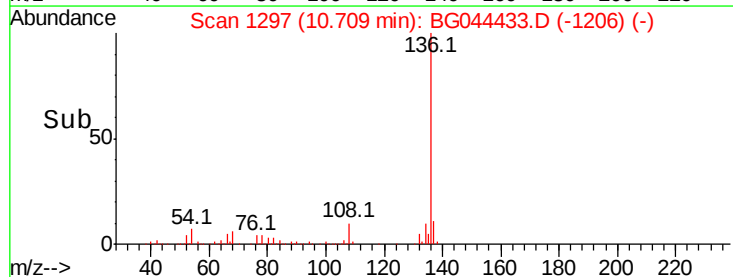
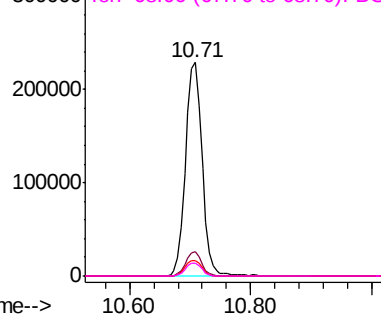
137 11.2 8.8 13.2

54 7.0 5.8 8.8

68 6.1 4.6 6.8



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

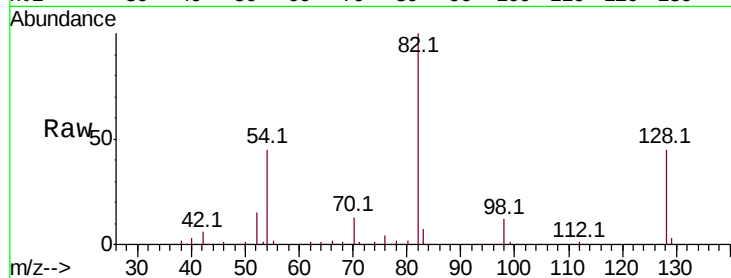




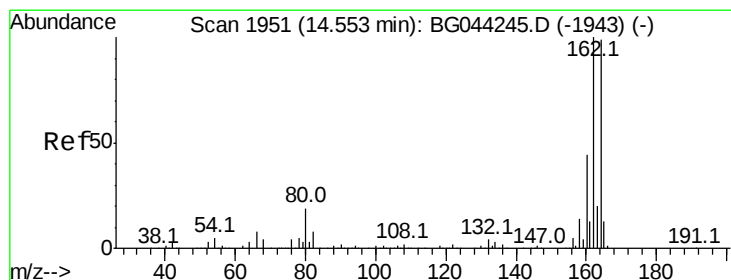
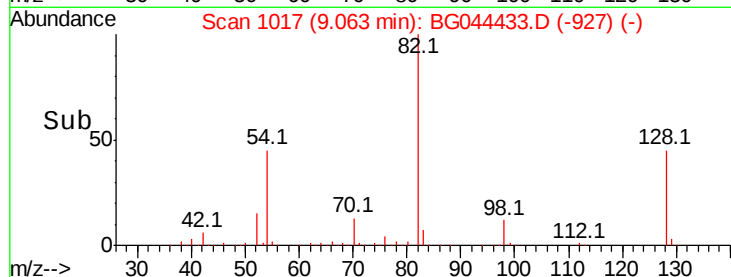
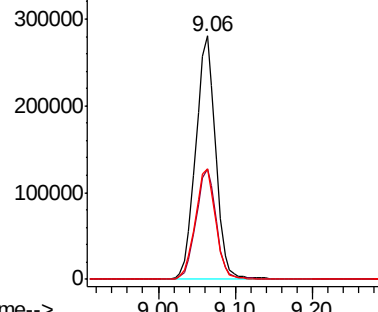
#23
 Nitrobenzene-d5
 Concen: 65.860 ng
 RT: 9.06 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG044433.D
 Acq: 14 Feb 2020 1:13

Instrument :
 BNA_G
 ClientSampled :
 TP-2

Tot Ion	82	Resp	506837
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.5	54.7
54	45.3	38.6	58.0

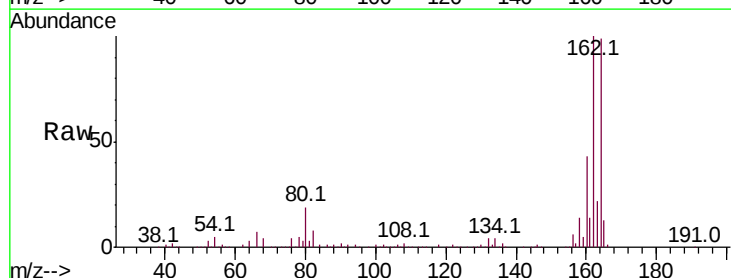


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

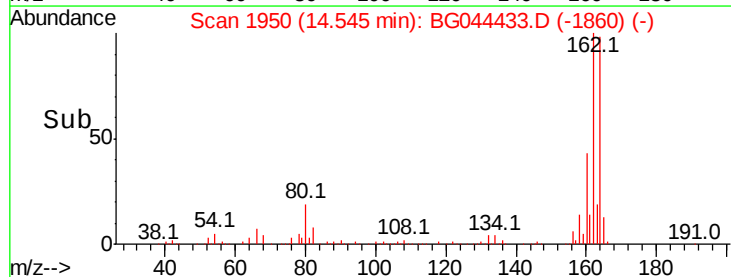
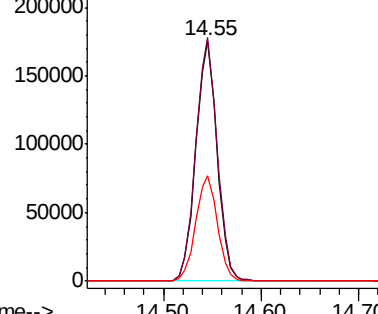


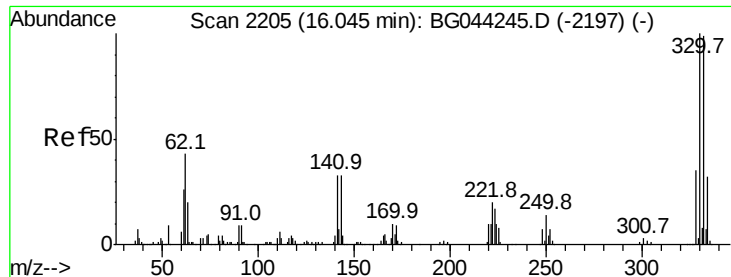
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.55 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BG044433.D
 Acq: 14 Feb 2020 1:13

Tgt Ion	164	Resp	264042
Ion Ratio	Lower	Upper	
164	100		
162	101.5	80.7	121.1
160	43.9	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 94.923 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

Instrument :

BNA_G

ClientSampled :

TP-2

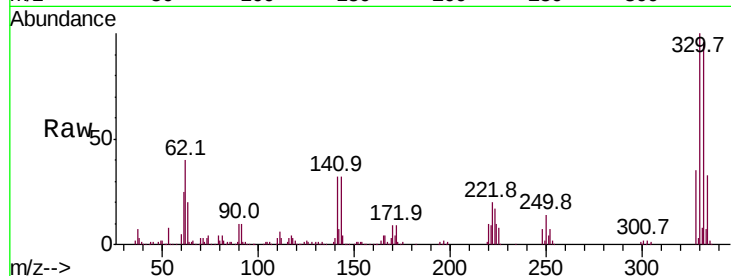
Tot Ion:330 Resp: 294232

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

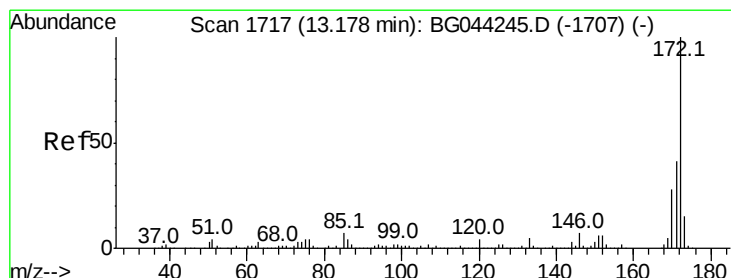
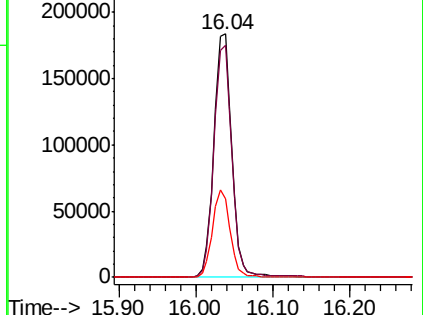
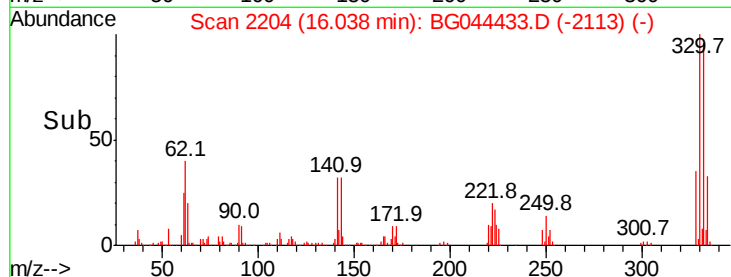
141 35.5 28.3 42.5



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: 66.894 ng

RT: 13.16 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

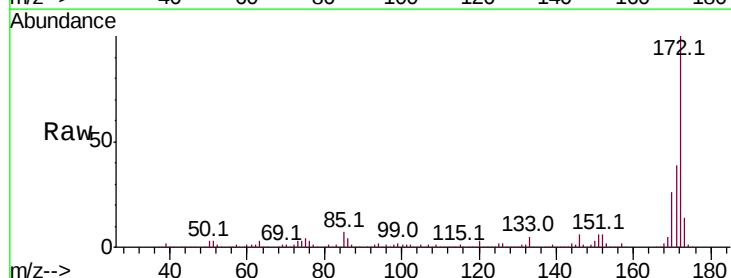
Tgt Ion:172 Resp: 1054785

Ion Ratio Lower Upper

172 100

171 39.0 32.9 49.3

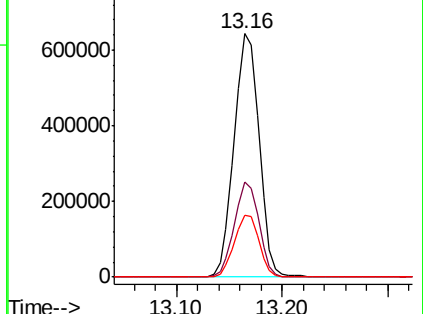
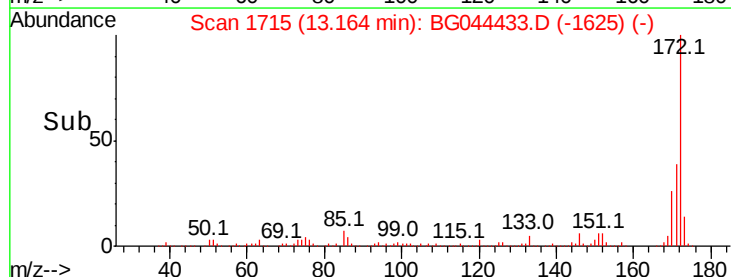
170 25.6 22.0 33.0

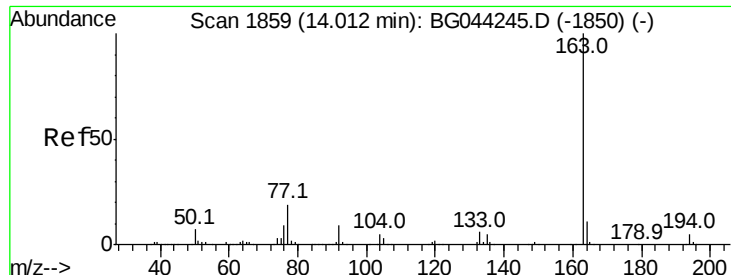


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.573 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

Instrument :

BNA_G

ClientSampleId :

TP-2

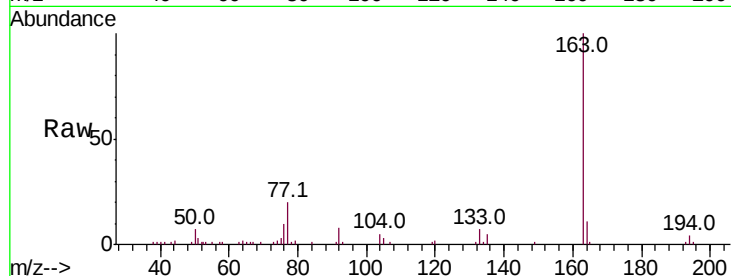
Tot Ion:163 Resp: 48835

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

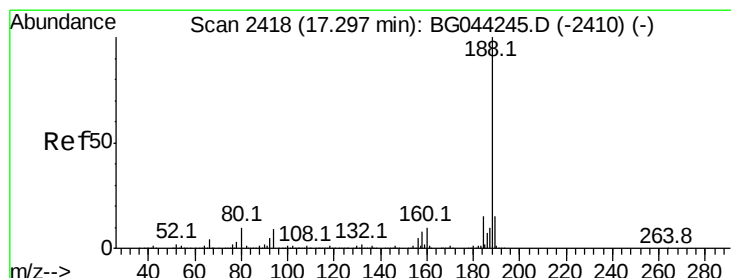
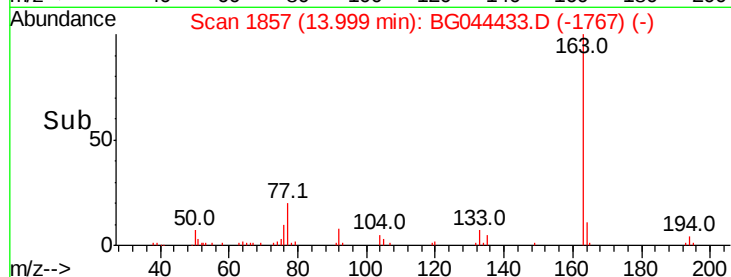
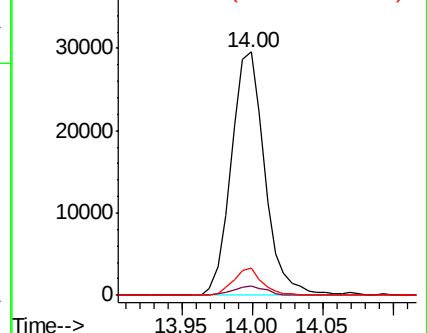
164 11.4 8.7 13.1



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: 17.29 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BG044433.D

Acq: 14 Feb 2020 1:13

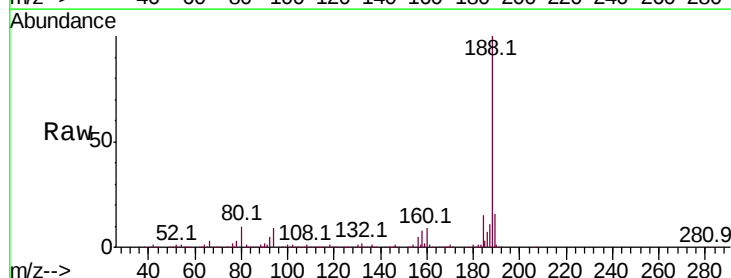
Tgt Ion:188 Resp: 526016

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

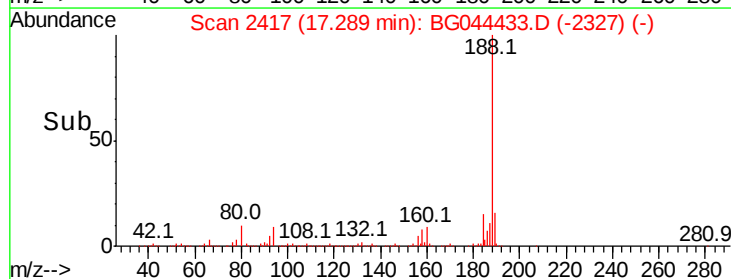
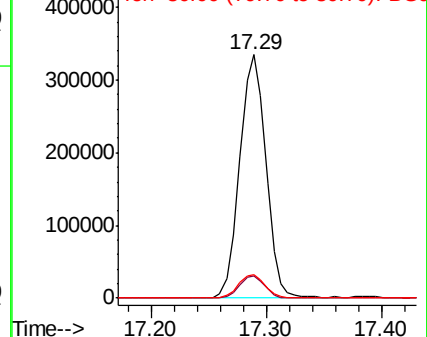
80 9.8 7.7 11.5

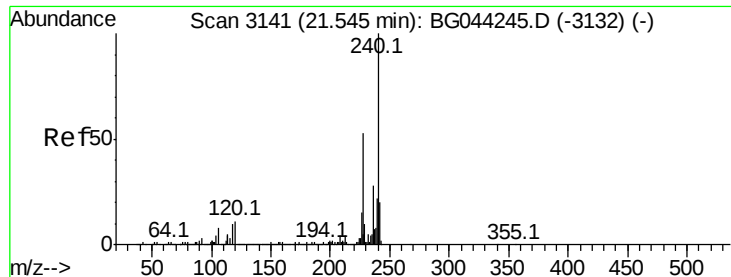


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

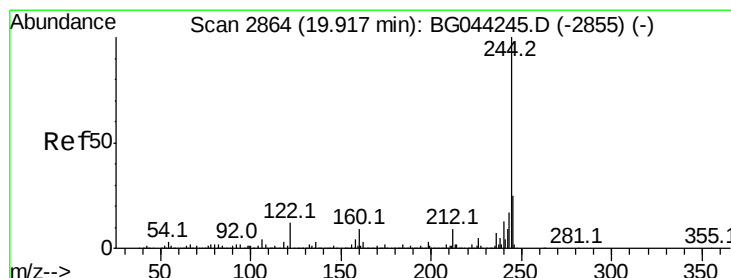
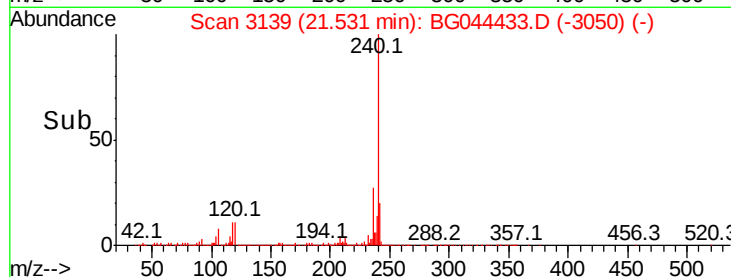
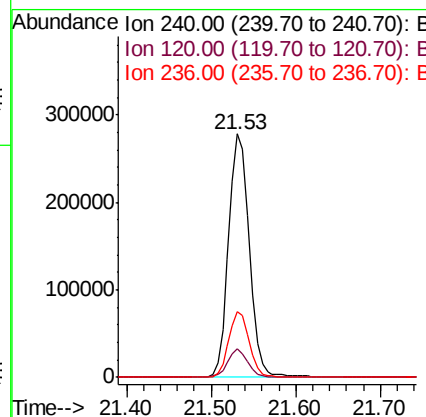
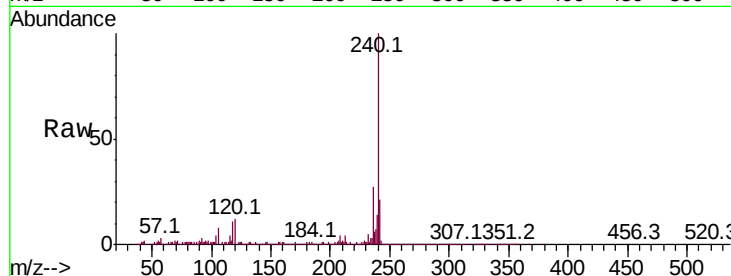




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044433.D
 Acq: 14 Feb 2020 1:13

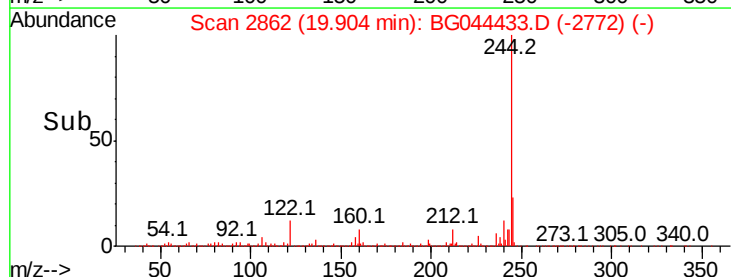
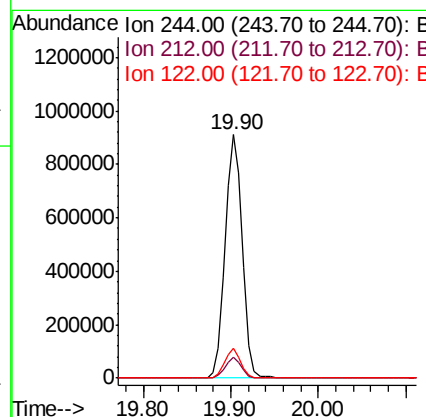
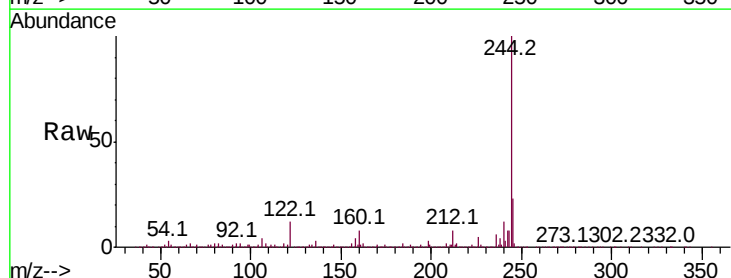
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

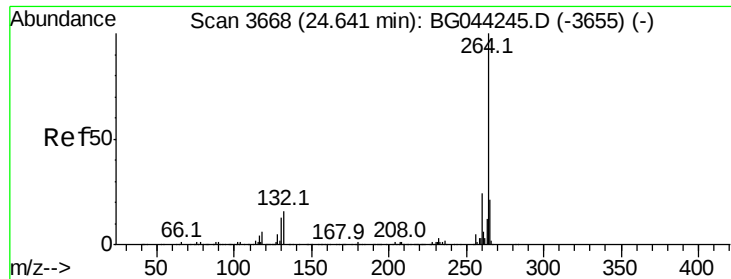
Tot Ion:240 Resp: 469352
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.4 12.6
 236 27.2 22.1 33.1



#79
 Terphenyl-d14
 Concen: 54.303 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044433.D
 Acq: 14 Feb 2020 1:13

Tgt Ion:244 Resp: 1239136
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.4 11.2
 122 12.0 9.8 14.6

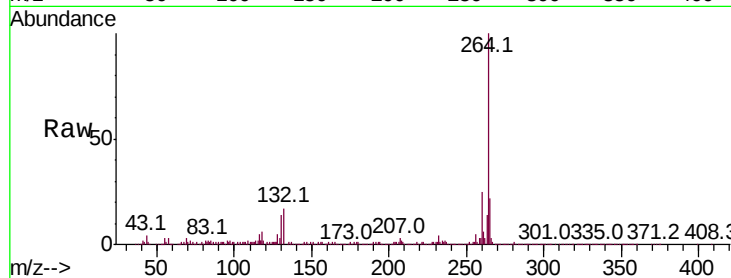




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BG044433.D
Acq: 14 Feb 2020 1:13

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:	264	Resp:	508105
Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	22.2	16.7	25.1



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

