

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044037.D
 Acq On : 14 Jan 2020 15:28
 Operator : JU
 Sample : L1111-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OUTSIDE-BRICK

Quant Time: Jan 14 21:16:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

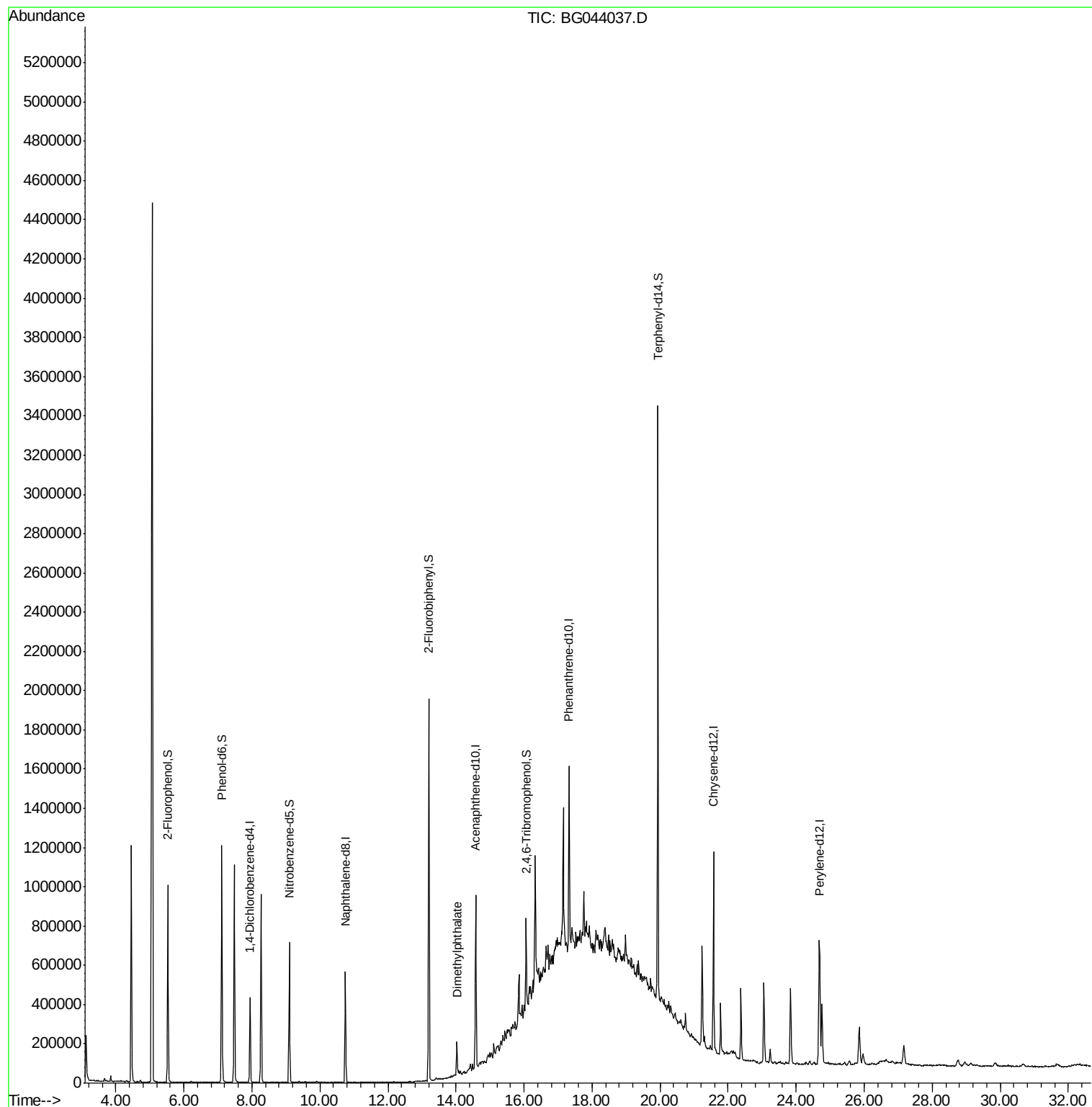
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	127703	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	516655	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	307492	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	589857	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	552488	20.00	ng	-0.02
87) Perylene-d12	24.69	264	631314	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	469217	67.46	ng	0.00
7) Phenol-d6	7.11	99	768638	79.06	ng	0.00
23) Nitrobenzene-d5	9.10	82	458220	47.45	ng	-0.02
42) 2,4,6-Tribromophenol	16.06	330	76618	23.81	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1014594	59.78	ng	-0.02
79) Terphenyl-d14	19.93	244	1342344	51.96	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.03	163	124540	5.704	ng	Qvalue 98

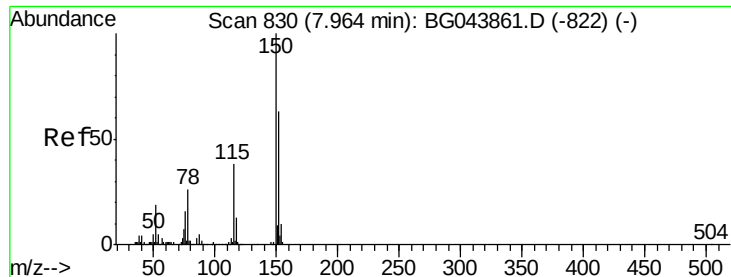
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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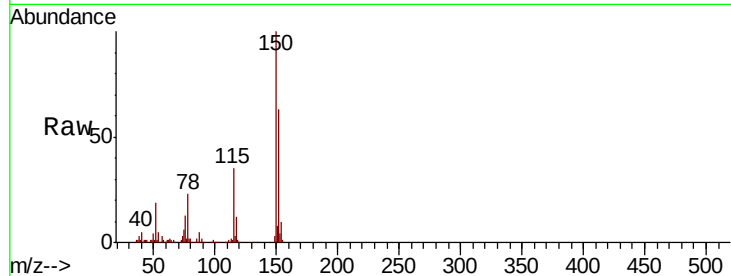


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044037.D
Acq: 14 Jan 2020 15:28

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.0	190.4
115	56.1	47.8	71.8

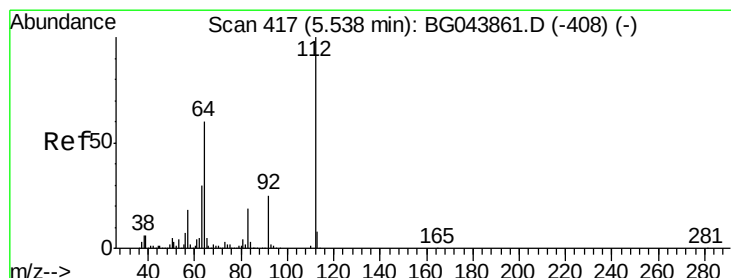
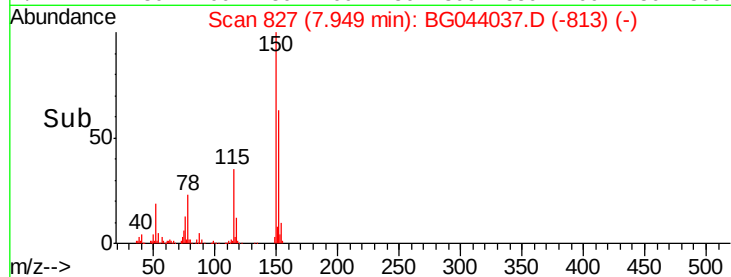
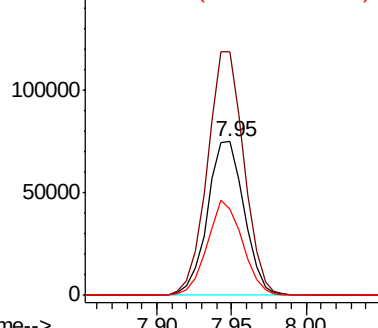


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

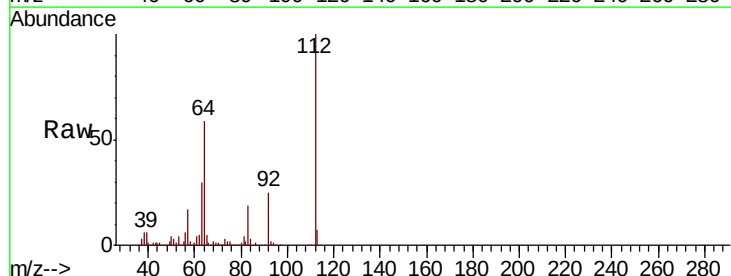
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 67.464 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044037.D
Acq: 14 Jan 2020 15:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.8	71.6
63	30.4	24.3	36.5

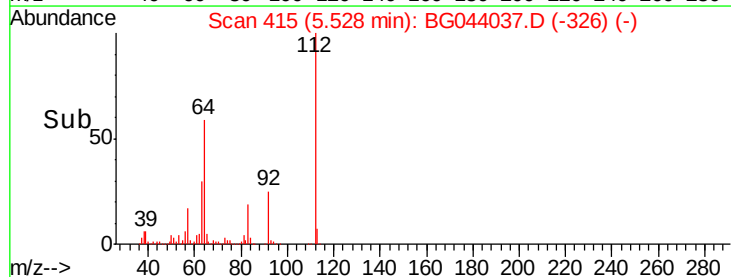
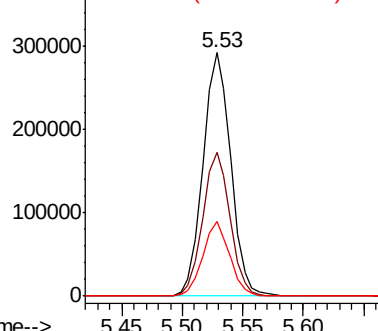


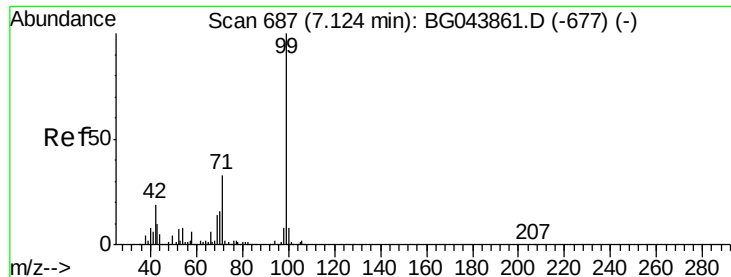
Abundance

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: 79.063 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

Instrument :

BNA_G

ClientSampleId :

OUTSIDE-BRICK

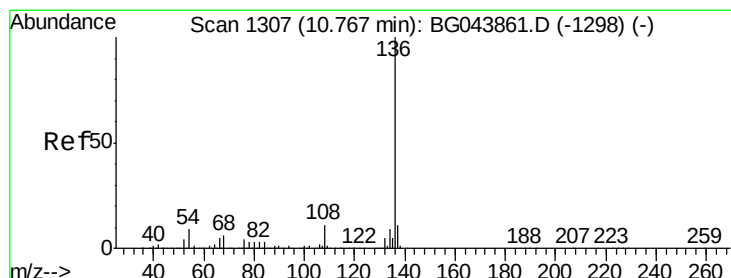
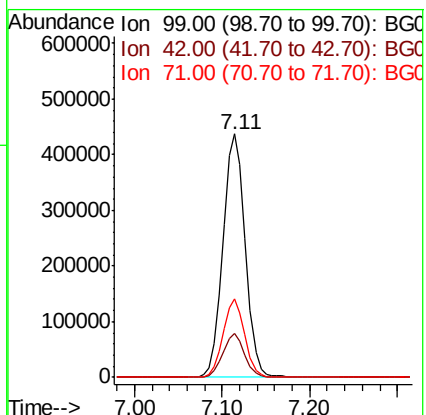
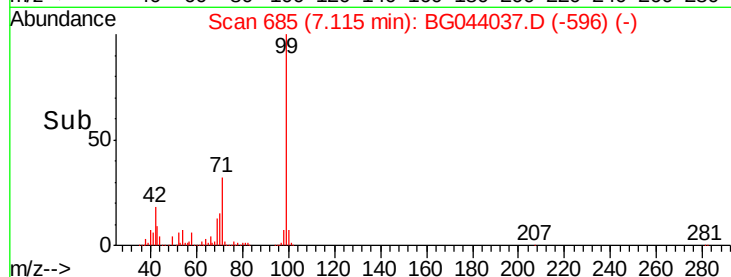
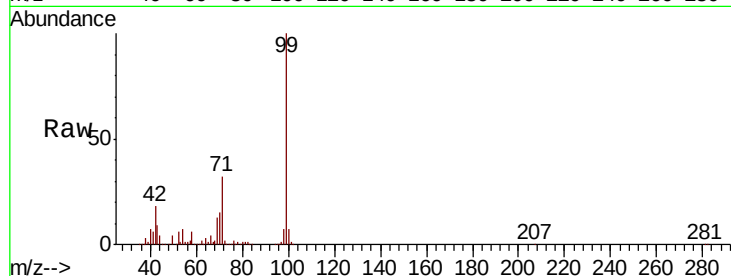
Tot Ion: 99 Resp: 768638

Ion Ratio Lower Upper

99 100

42 17.9 14.9 22.3

71 32.4 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

Tgt Ion: 136 Resp: 516655

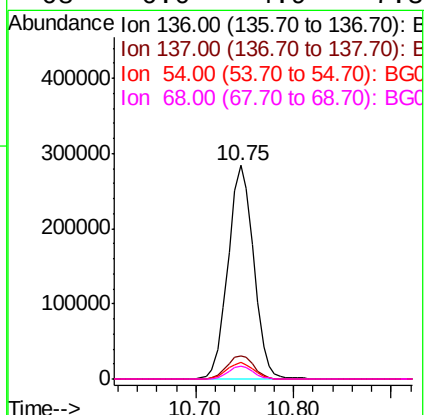
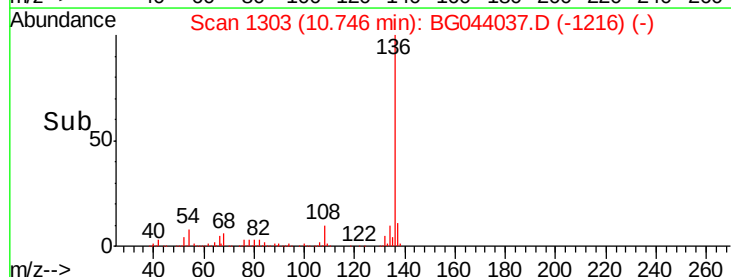
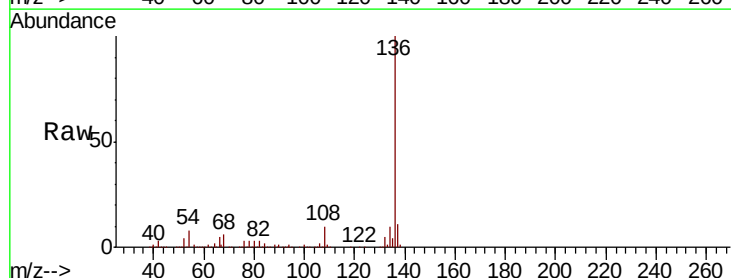
Ion Ratio Lower Upper

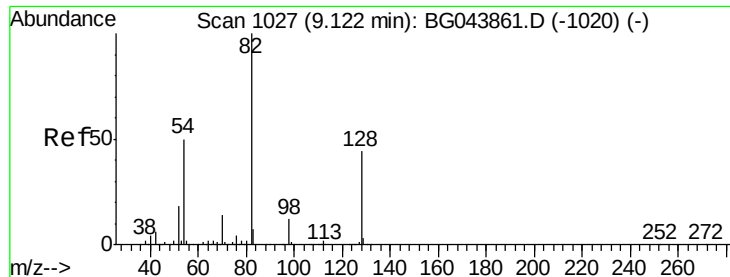
136 100

137 10.8 8.8 13.2

54 7.8 7.0 10.4

68 6.0 4.9 7.3

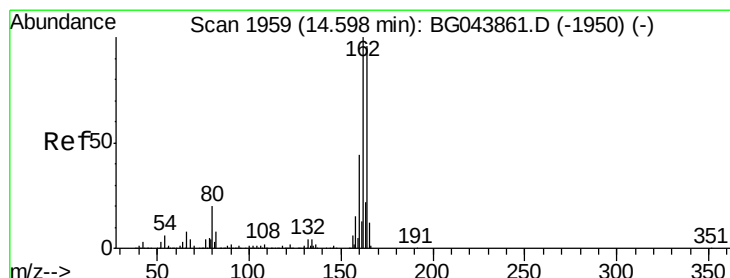
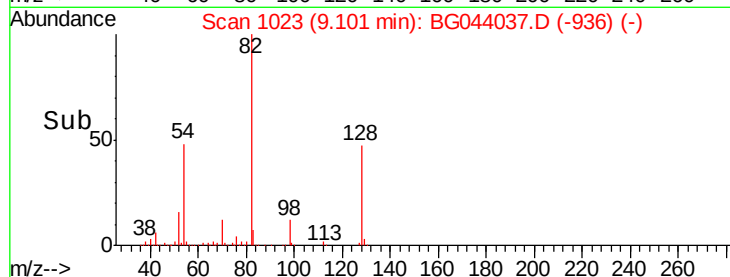
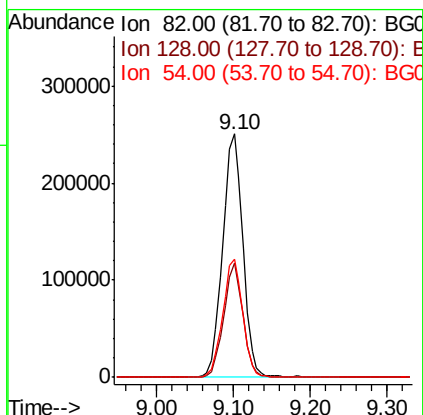
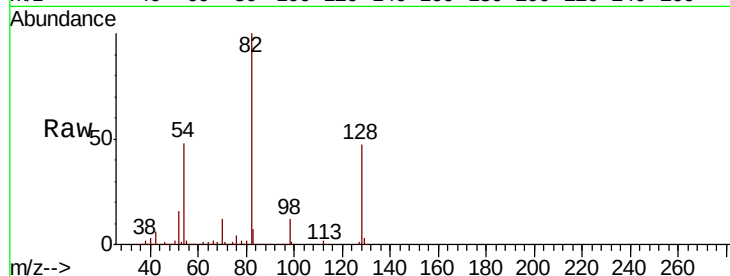




#23
Nitrobenzene-d5
Concen: 47.445 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044037.D
Acq: 14 Jan 2020 15:28

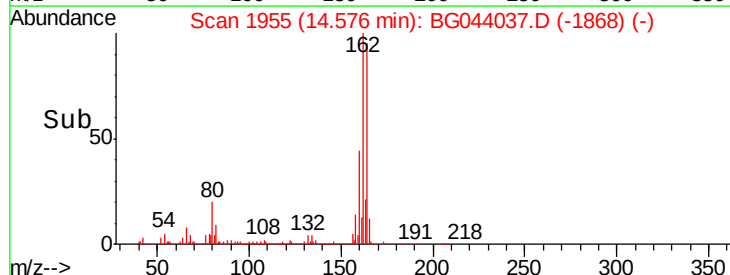
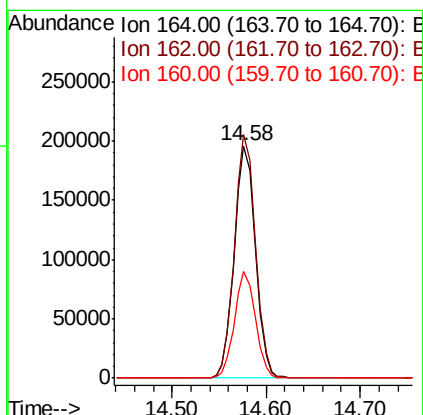
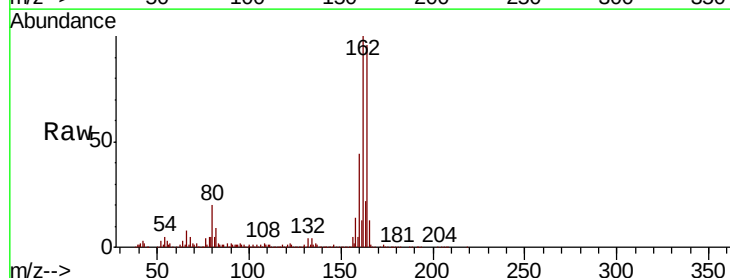
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK

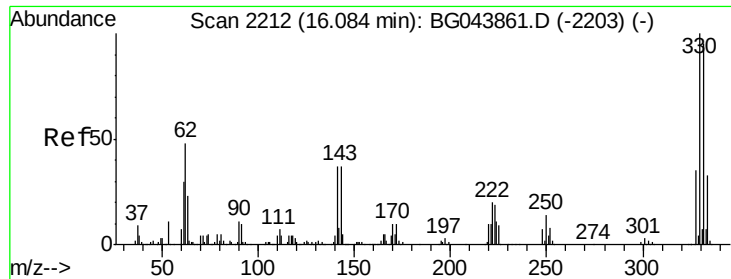
Tot Ion	82	Resp	458220
Ion Ratio	Lower	Upper	
82	100		
128	47.0	35.1	52.7
54	48.4	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG044037.D
Acq: 14 Jan 2020 15:28

Tgt Ion	164	Resp	307492
Ion Ratio	Lower	Upper	
164	100		
162	104.6	83.0	124.4
160	46.0	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 23.810 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

Instrument :

BNA_G

ClientSampleId :

OUTSIDE-BRICK

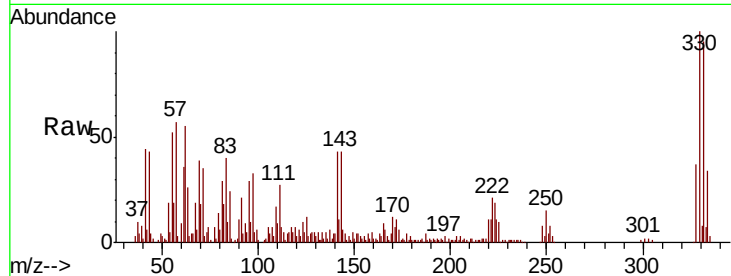
Tot Ion:330 Resp: 76618

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

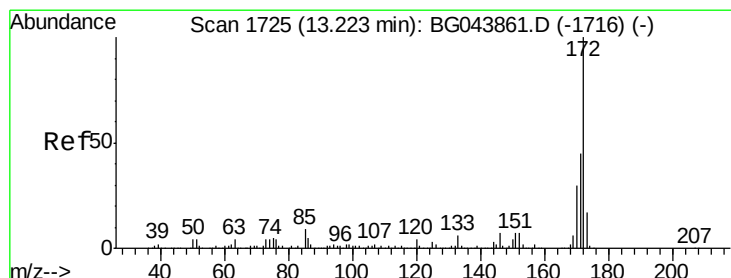
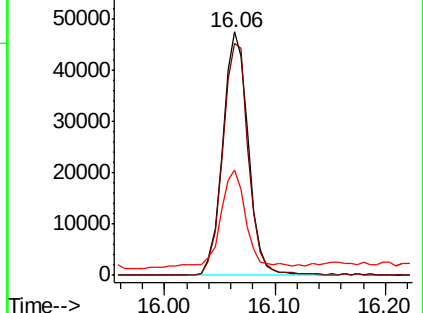
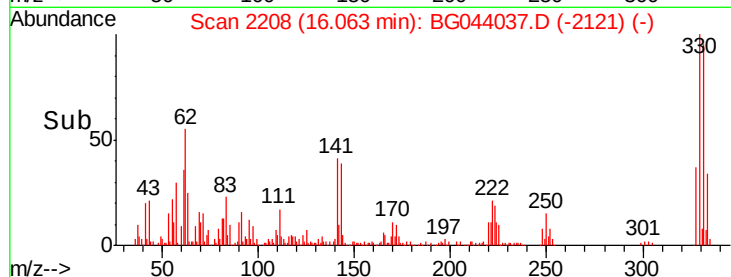
141 43.1 33.1 49.7



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: 59.781 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.02 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

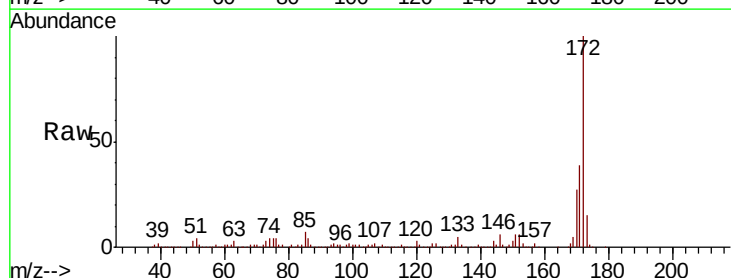
Tgt Ion:172 Resp: 1014594

Ion Ratio Lower Upper

172 100

171 39.3 35.8 53.8

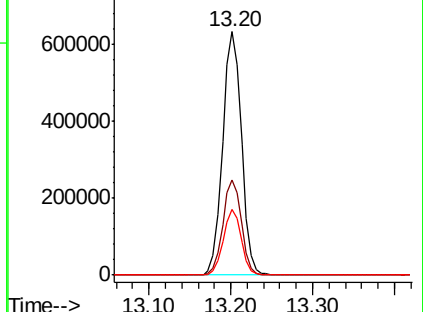
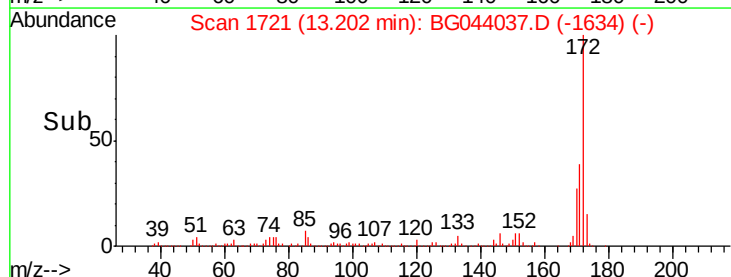
170 27.0 24.2 36.4

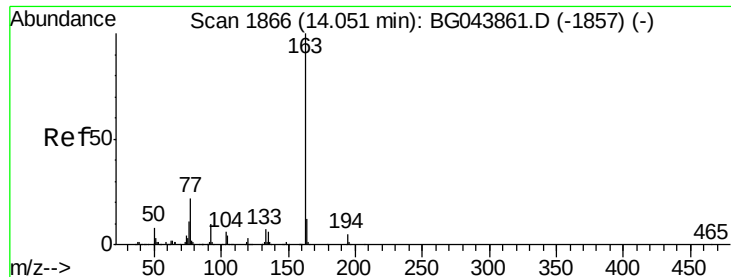


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

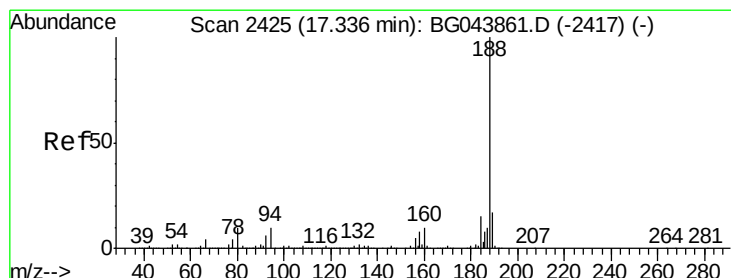
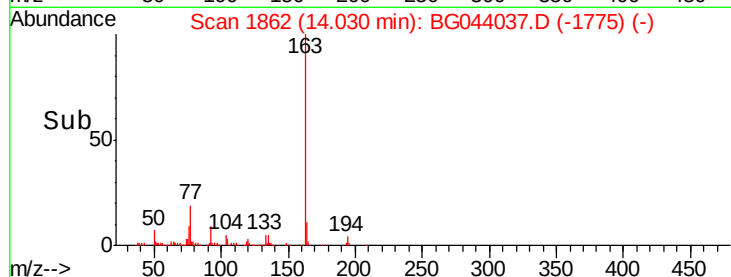
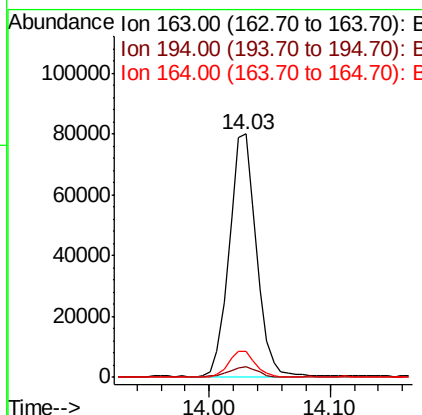
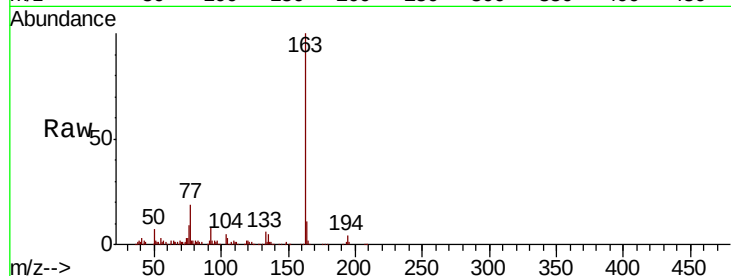




#50
Dimethylphthalate
Concen: 5.704 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044037.D
Acq: 14 Jan 2020 15:28

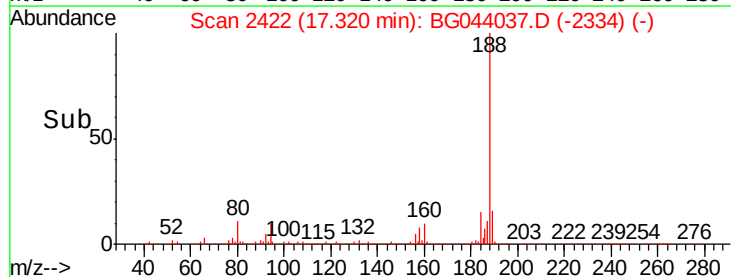
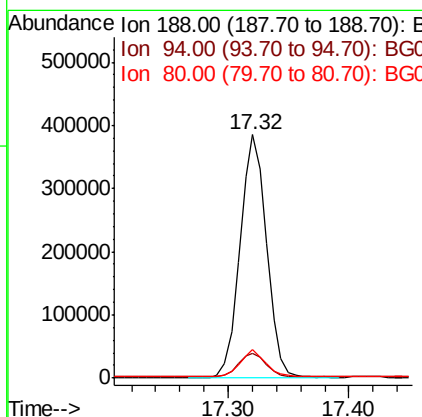
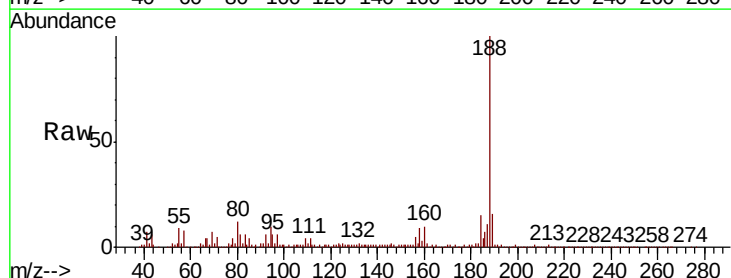
Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK

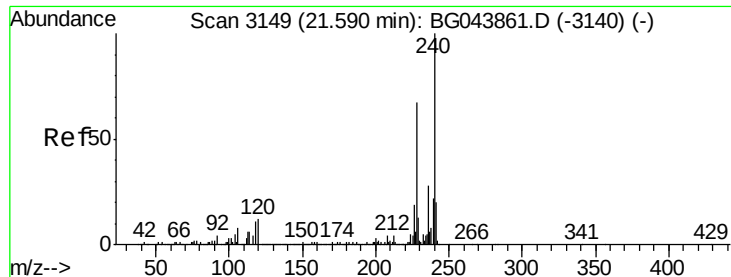
Tot Ion:163 Resp: 124540
Ion Ratio Lower Upper
163 100
194 4.1 3.7 5.5
164 10.7 9.3 13.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044037.D
Acq: 14 Jan 2020 15:28

Tgt Ion:188 Resp: 589857
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.7 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

Instrument :

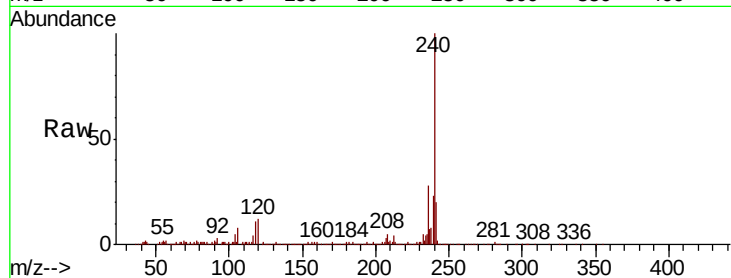
BNA_G

ClientSampleId :

OUTSIDE-BRICK

Tot Ion:240 Resp: 552488

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	28.0	22.2	33.2

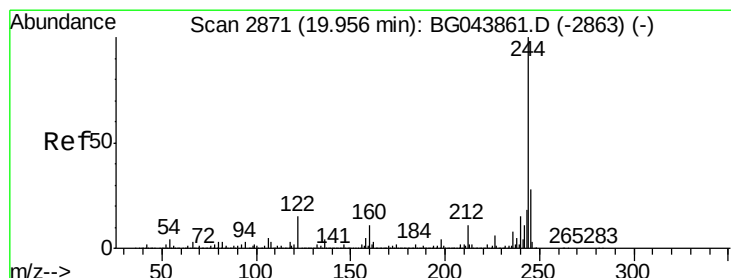
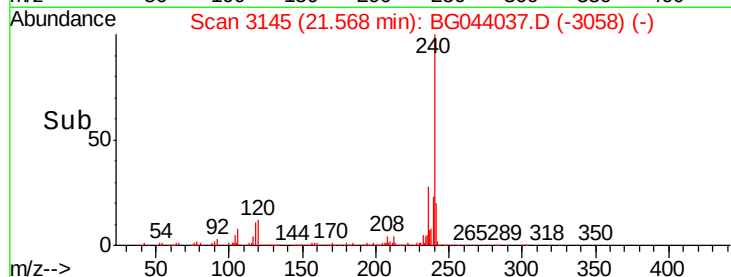
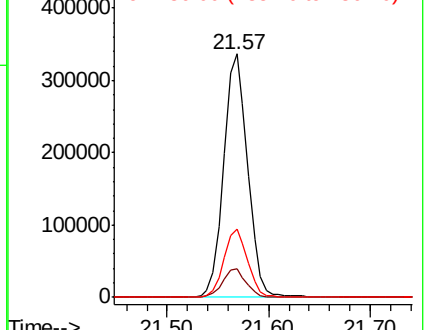


Abundance

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: 51.958 ng

RT: 19.93 min Scan# 2867

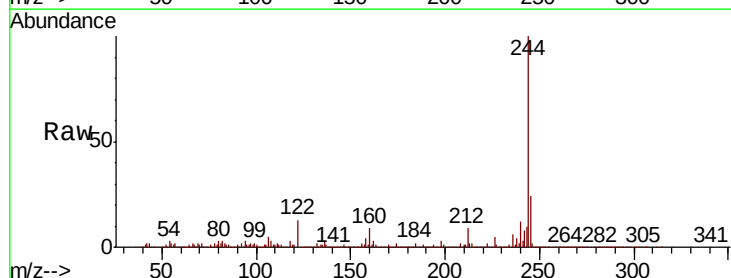
Delta R.T. -0.02 min

Lab File: BG044037.D

Acq: 14 Jan 2020 15:28

Tgt Ion:244 Resp: 1342344

Ion	Ratio	Lower	Upper
244	100		
212	8.7	8.6	13.0
122	13.3	11.9	17.9

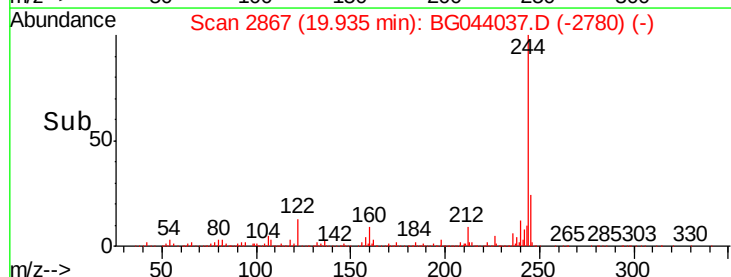
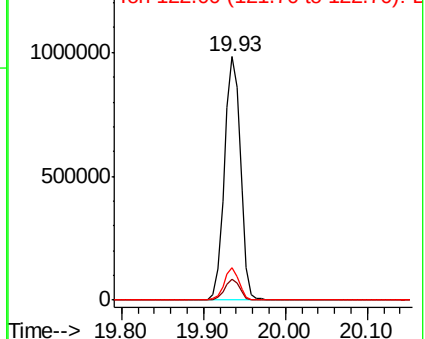


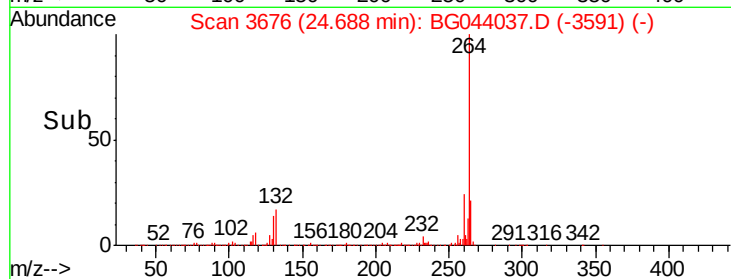
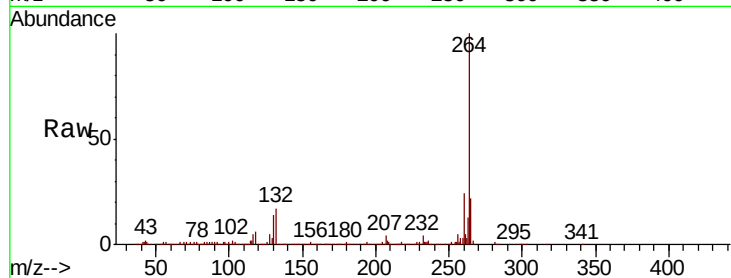
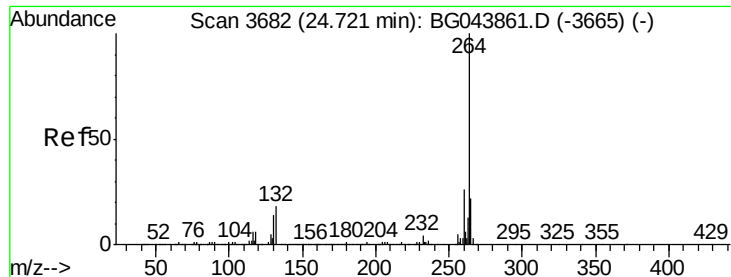
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG044037.D
Acq: 14 Jan 2020 15:28

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-BRICK

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	21.5	17.4	26.2

