

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
 Data File : BG045207.D
 Acq On : 29 Apr 2020 16:19
 Operator : CG/JU
 Sample : L2430-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 37-ST-2020

Quant Time: Apr 29 17:36:10 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

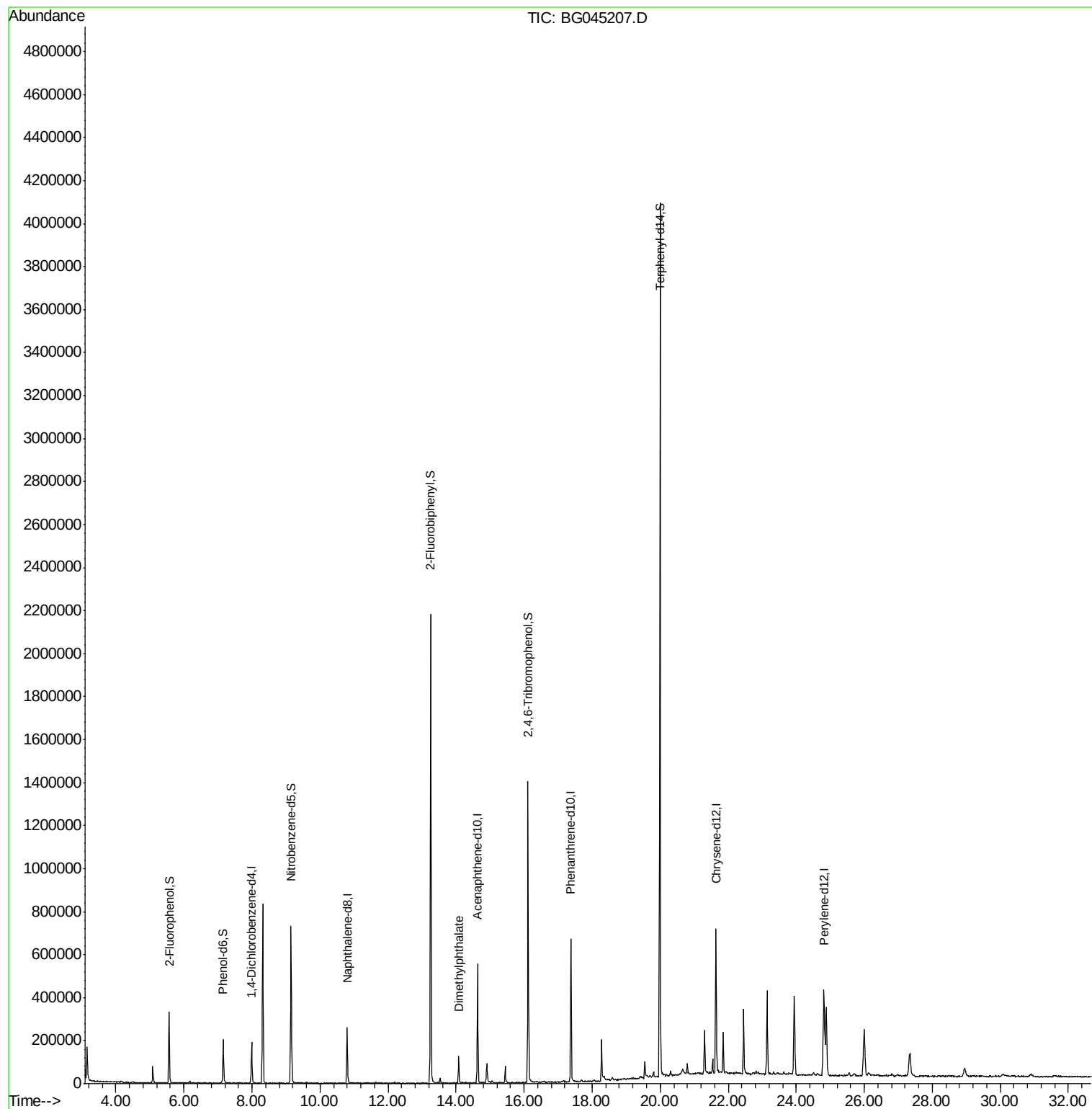
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	61645	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	247644	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	200812	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	462918	20.00	ng	0.00
76) Chrysene-d12	21.64	240	432425	20.00	ng	0.00
87) Perylene-d12	24.81	264	472586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	166417	44.57	ng	0.00
7) Phenol-d6	7.16	99	142319	25.65	ng	0.00
23) Nitrobenzene-d5	9.15	82	517176	95.29	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	295454	95.24	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1240072	90.55	ng	0.00
79) Terphenyl-d14	19.99	244	2021877	101.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.08	163	85484	5.228	ng	Qvalue 100

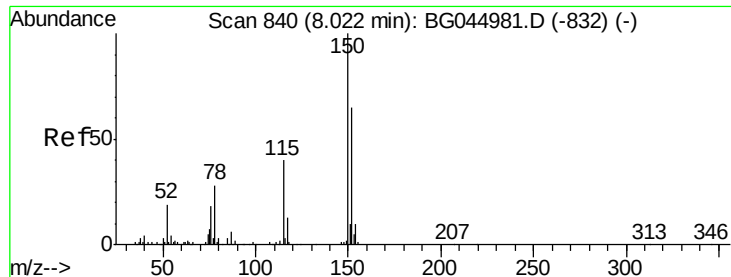
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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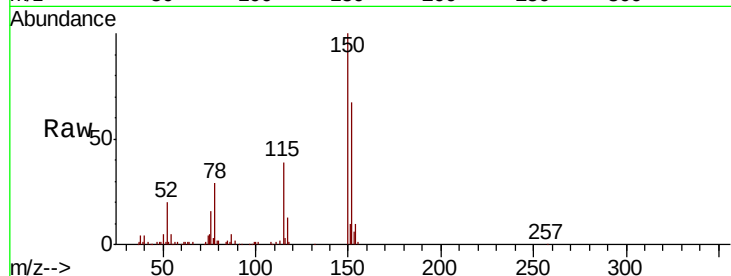


#1

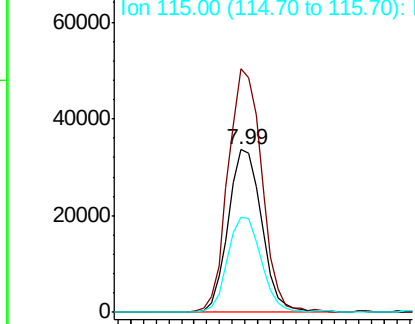
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BG045207.D
 Acq: 29 Apr 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 37-ST-2020

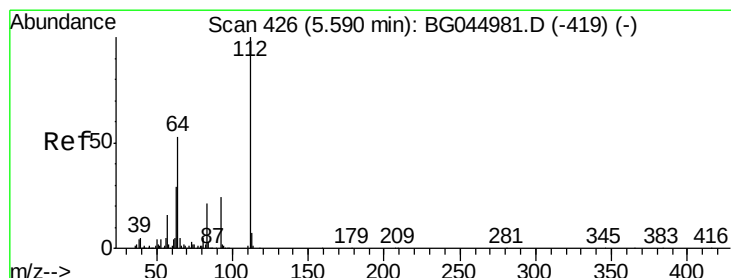
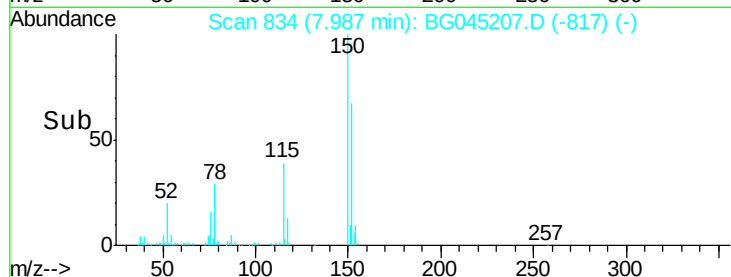
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.8	123.6	185.4
115	58.3	49.1	73.7



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



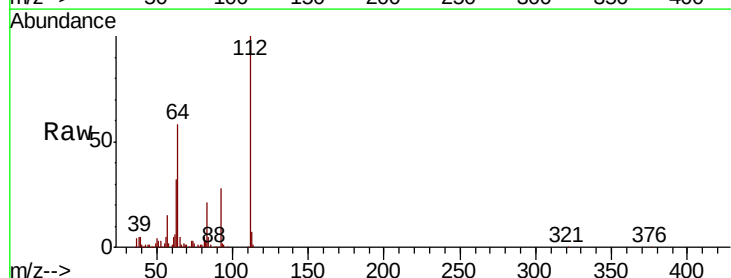
Time-->



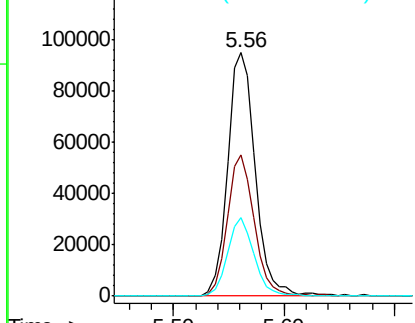
#5

2-Fluorophenol
 Concen: 44.569 ng
 RT: 5.56 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BG045207.D
 Acq: 29 Apr 2020 16:19

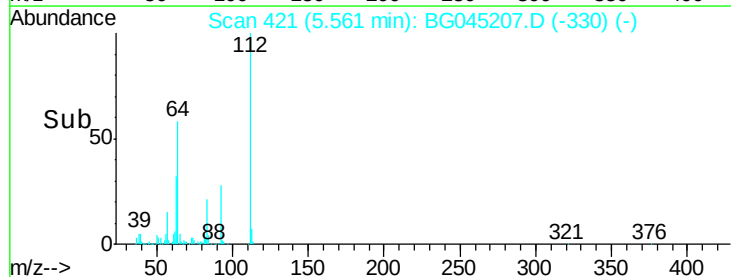
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	42.4	63.6
63	32.3	23.1	34.7

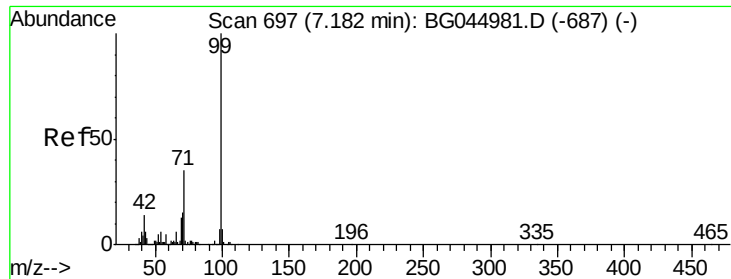


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG



Time-->





#7

Phenol-d6

Concen: 25.654 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG045207.D

Acq: 29 Apr 2020 16:19

Instrument :

BNA_G

ClientSampleId :

37-ST-2020

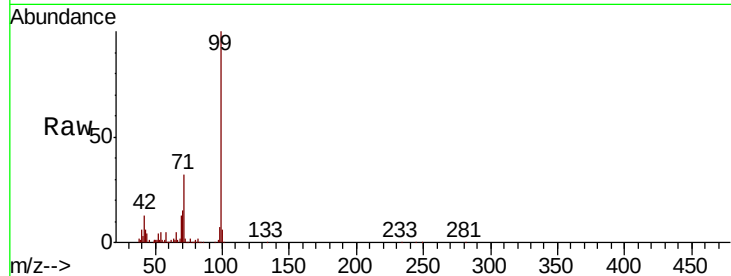
Tot Ion: 99 Resp: 142319

Ion Ratio Lower Upper

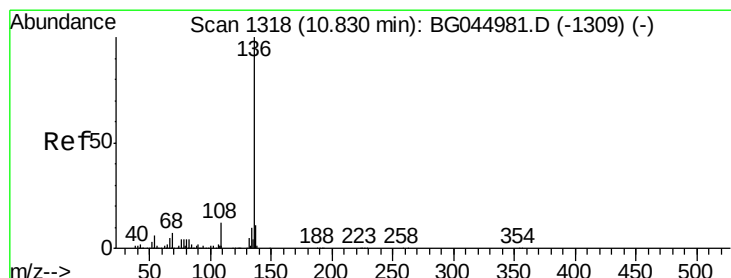
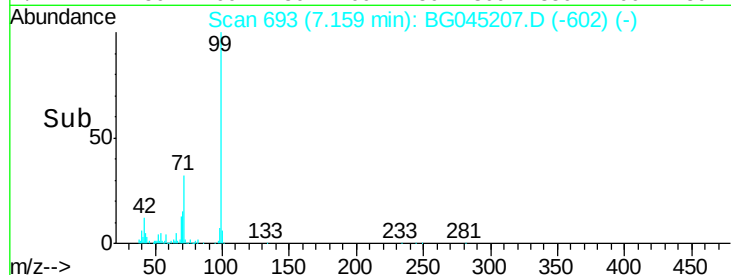
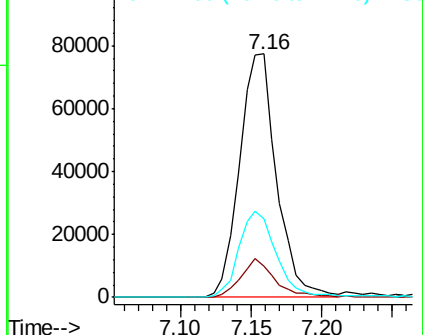
99 100

42 12.7 11.3 16.9

71 32.3 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# 1313

Delta R.T. 0.00 min

Lab File: BG045207.D

Acq: 29 Apr 2020 16:19

Tgt Ion: 136 Resp: 247644

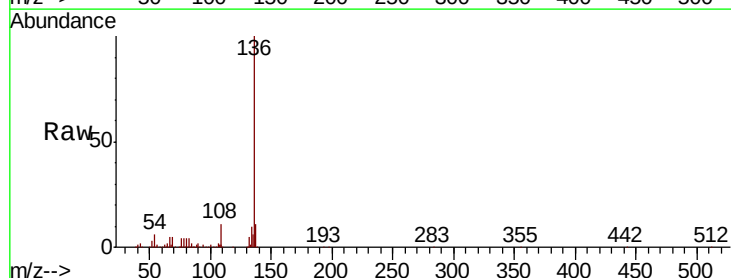
Ion Ratio Lower Upper

136 100

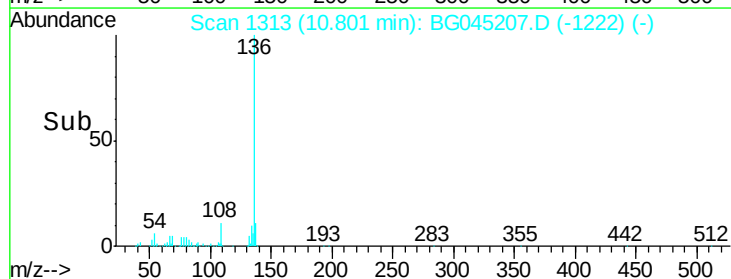
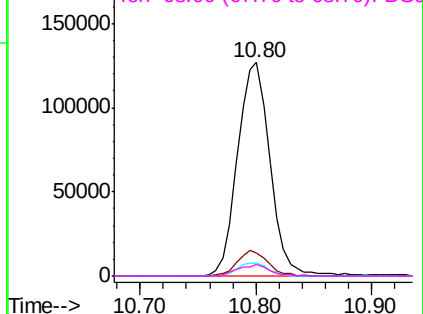
137 10.8 8.6 13.0

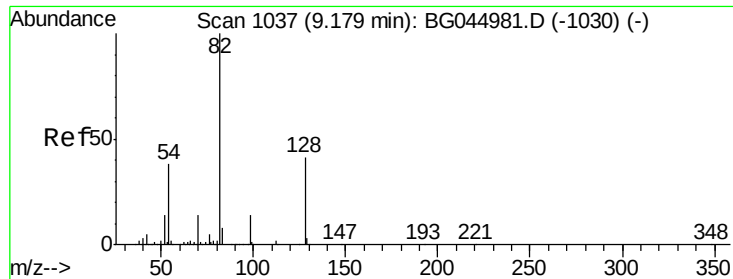
54 6.1 4.8 7.2

68 5.4 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

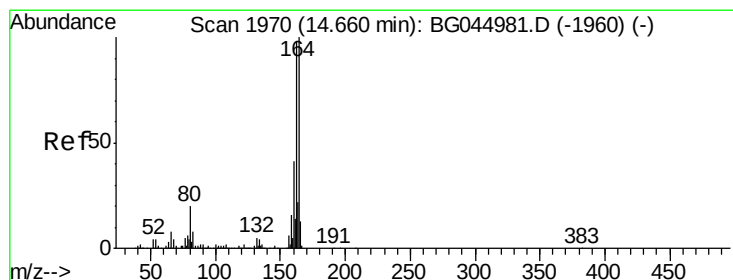
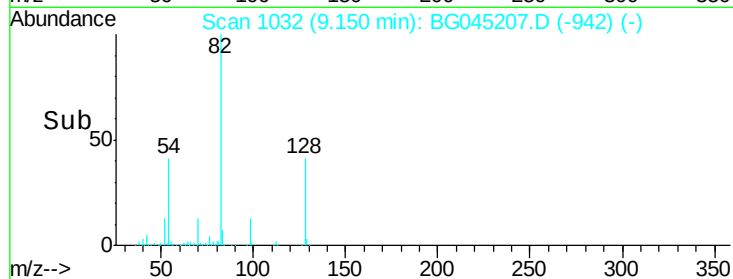
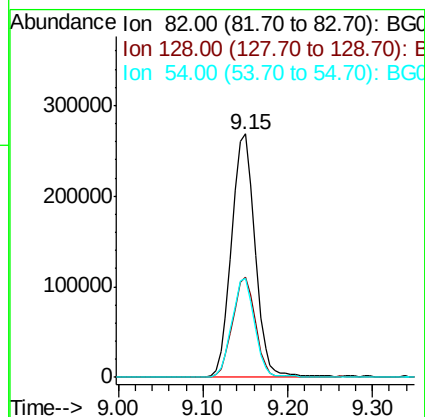
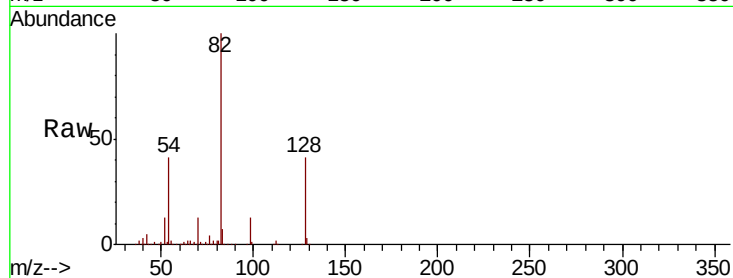




#23
Nitrobenzene-d5
Concen: 95.291 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045207.D
Acq: 29 Apr 2020 16:19

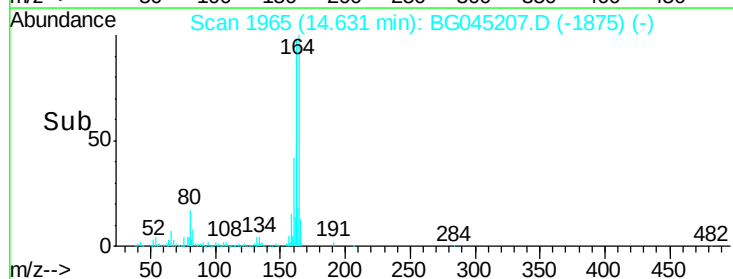
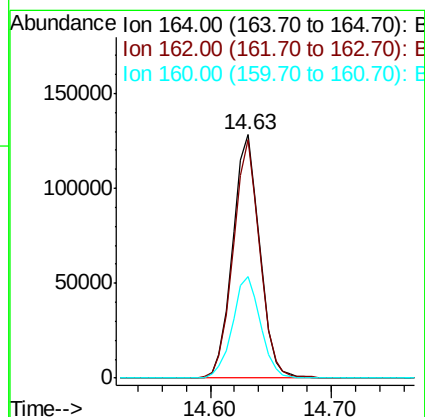
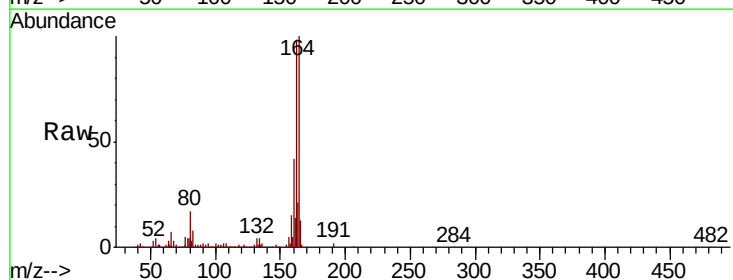
Instrument :
BNA_G
ClientSampleId :
37-ST-2020

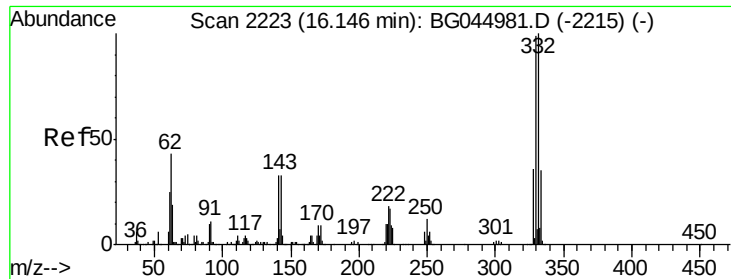
Tot Ion	82	Resp	517176
Ion Ratio	Lower	Upper	
82	100		
128	41.2	33.0	49.4
54	40.6	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG045207.D
Acq: 29 Apr 2020 16:19

Tgt Ion	164	Resp	200812
Ion Ratio	Lower	Upper	
164	100		
162	97.9	78.7	118.1
160	41.9	32.8	49.2

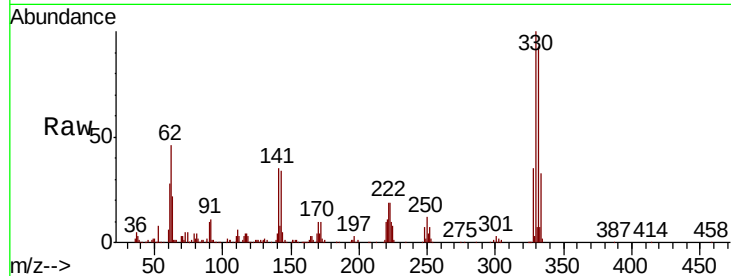




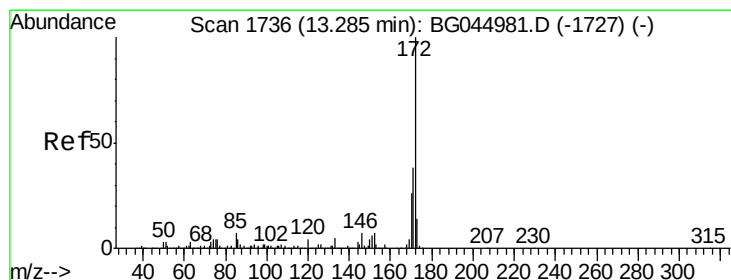
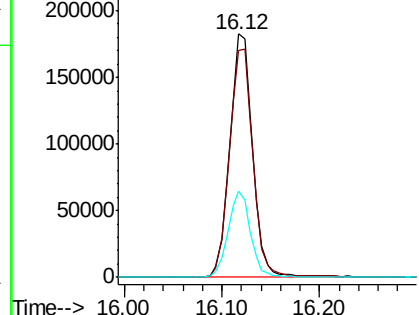
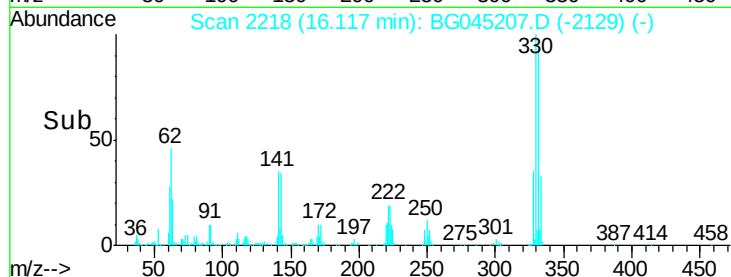
#42
 2,4,6-Tribromophenol
 Concen: 95.238 ng
 RT: 16.12 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG045207.D
 Acq: 29 Apr 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 37-ST-2020

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.1	118.7
141	34.3	27.1	40.7

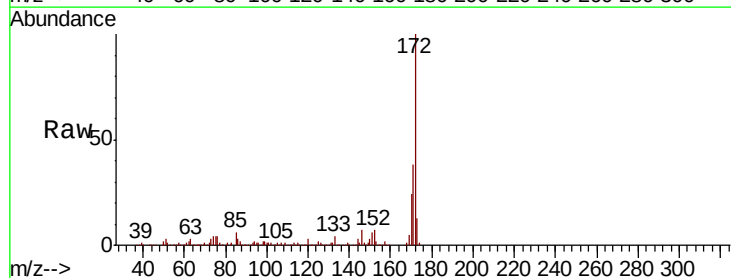


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

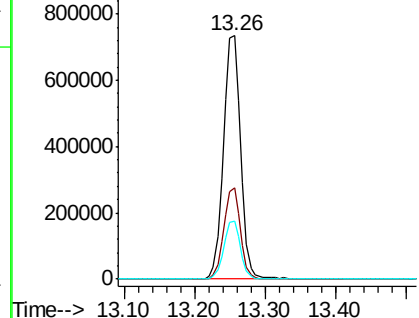
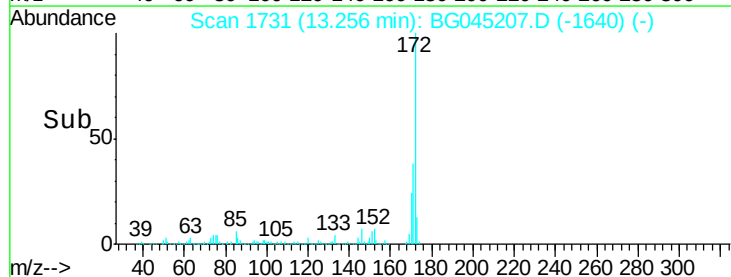


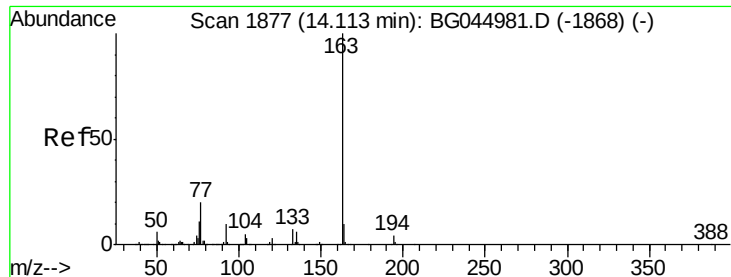
#45
 2-Fluorobiphenyl
 Concen: 90.549 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG045207.D
 Acq: 29 Apr 2020 16:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.6	46.0
170	24.1	20.5	30.7



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: 5.228 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG045207.D

Acq: 29 Apr 2020 16:19

Instrument :

BNA_G

ClientSampleId :

37-ST-2020

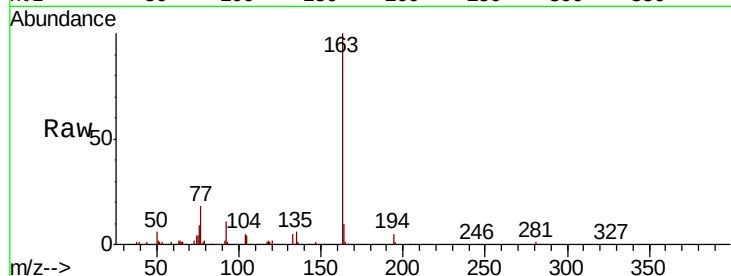
Tot Ion:163 Resp: 85484

Ion Ratio Lower Upper

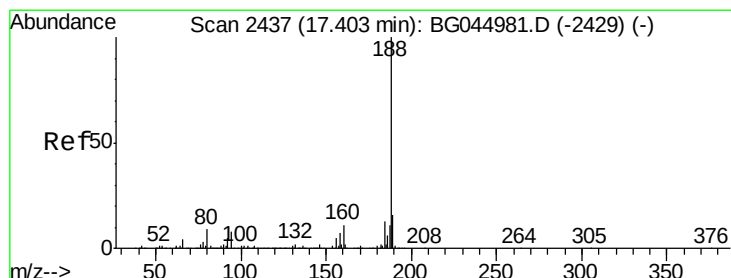
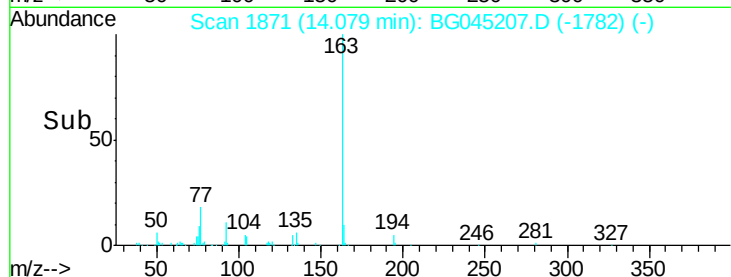
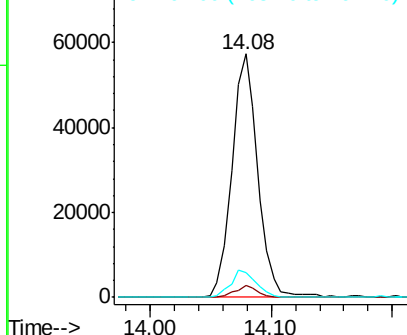
163 100

194 4.7 3.5 5.3

164 10.4 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# 2432

Delta R.T. -0.01 min

Lab File: BG045207.D

Acq: 29 Apr 2020 16:19

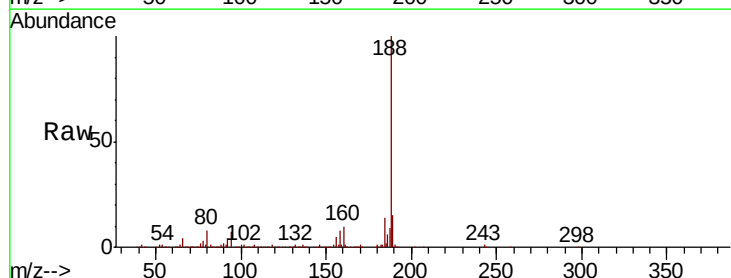
Tgt Ion:188 Resp: 462918

Ion Ratio Lower Upper

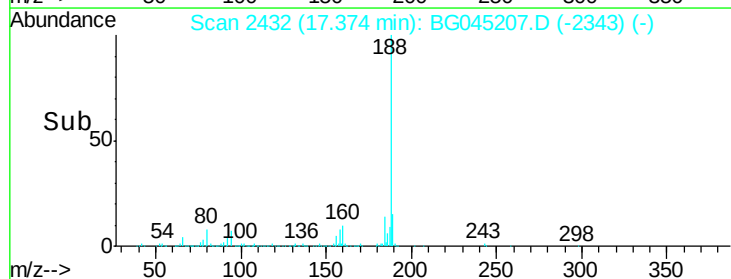
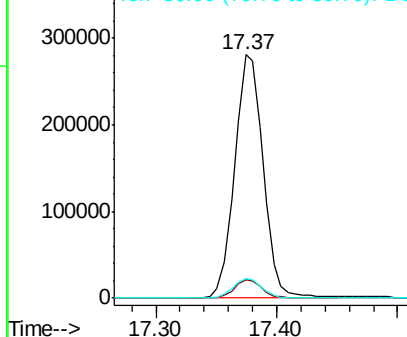
188 100

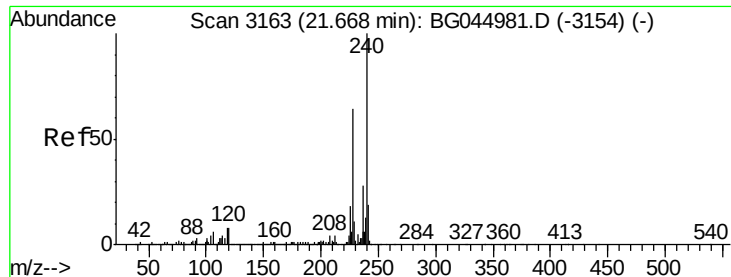
94 7.3 6.2 9.4

80 8.1 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

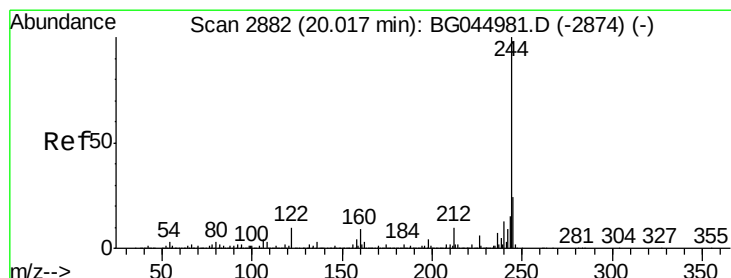
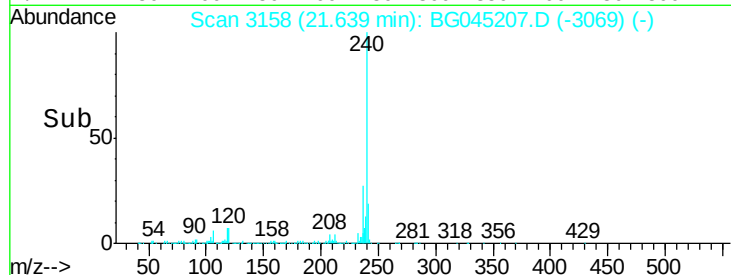
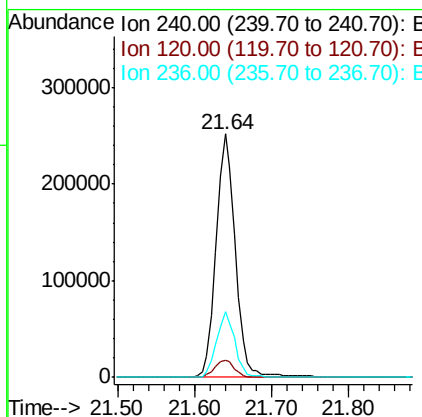
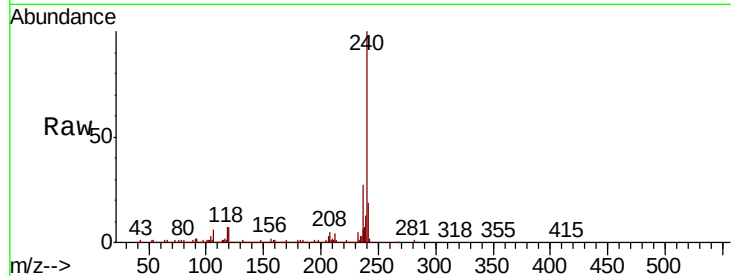




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG045207.D
 Acq: 29 Apr 2020 16:19

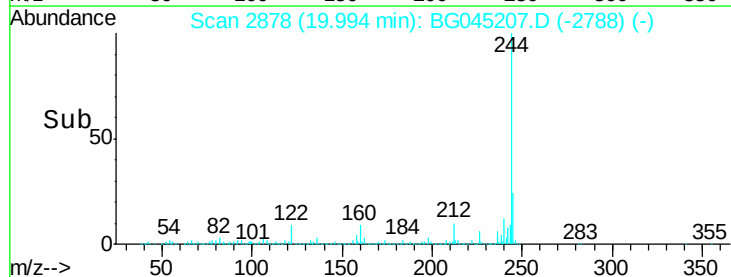
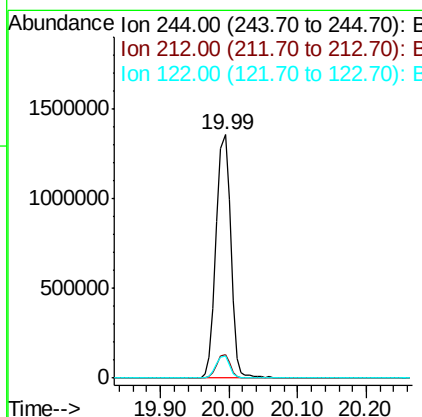
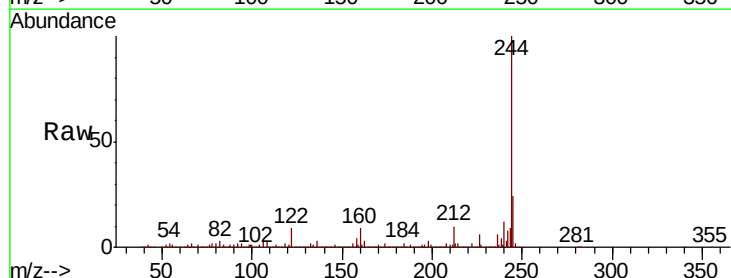
Instrument :
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 37-ST-2020

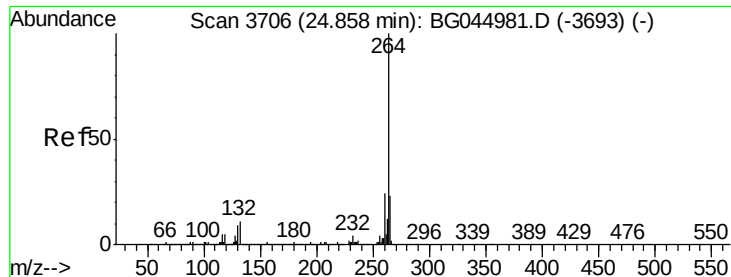
Tot Ion:240 Resp: 432425
 Ion Ratio Lower Upper
 240 100
 120 6.9 6.6 10.0
 236 26.7 22.2 33.2



#79
 Terphenyl-d14
 Concen: 101.909 ng
 RT: 19.99 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG045207.D
 Acq: 29 Apr 2020 16:19

Tgt Ion:244 Resp: 2021877
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.9 11.9
 122 8.9 7.7 11.5





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.81 min Scan# 3698
 Delta R.T. -0.01 min
 Lab File: BG045207.D
 Acq: 29 Apr 2020 16:19

Instrument :
 BNA_G
 ClientSampleId :
 37-ST-2020

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.3	19.0	28.4

