

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
 Data File : BG044007.D
 Acq On : 10 Jan 2020 18:41
 Operator : JU
 Sample : L1068-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OB1

Quant Time: Jan 11 05:29:32 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	118238	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	511757	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	330940	20.00	ng	-0.01
64) Phenanthrene-d10	17.33	188	688625	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	586480	20.00	ng	-0.02
87) Perylene-d12	24.69	264	655851	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	602789	93.61	ng	0.00
7) Phenol-d6	7.12	99	875667	97.28	ng	0.00
23) Nitrobenzene-d5	9.11	82	515026	53.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	308508	89.08	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	1169572	64.03	ng	-0.01
79) Terphenyl-d14	19.94	244	1664684	63.68	ng	-0.02

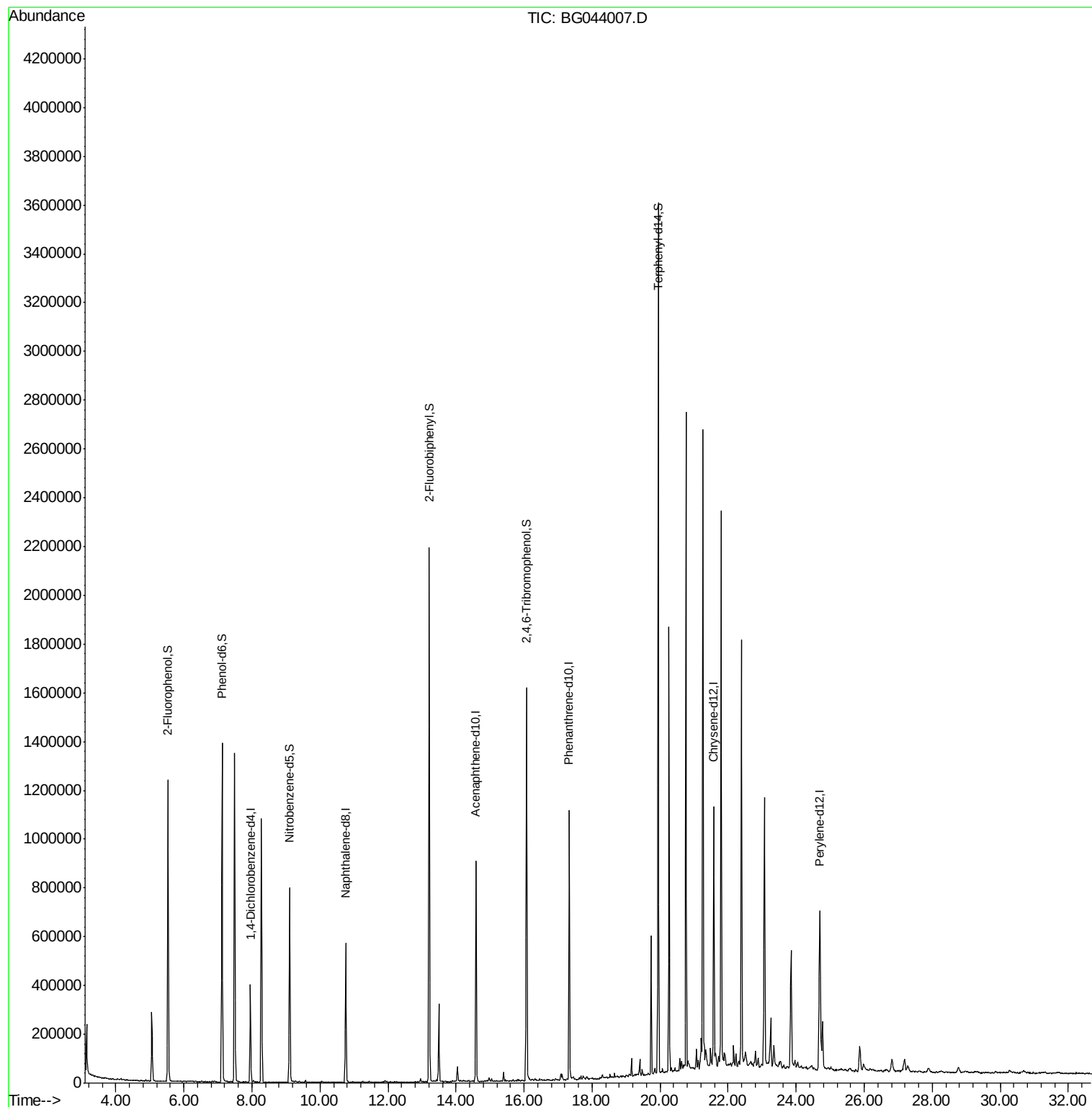
Target Compounds Qvalue

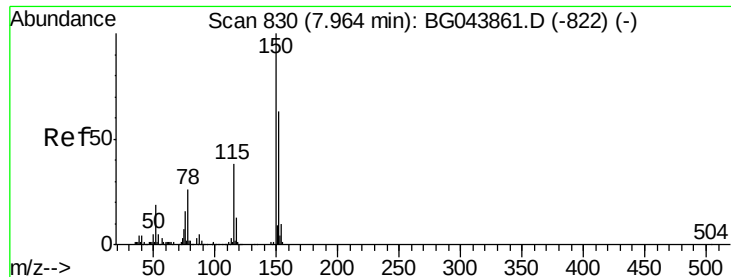
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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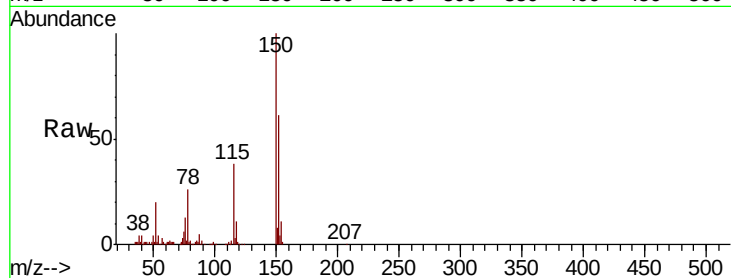


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG044007.D
Acq: 10 Jan 2020 18:41

Instrument :
BNA_G
ClientSampleId :
OB1

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	127.0	190.4
115	61.9	47.8	71.8

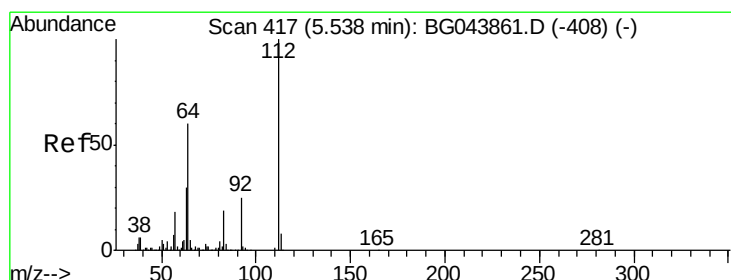
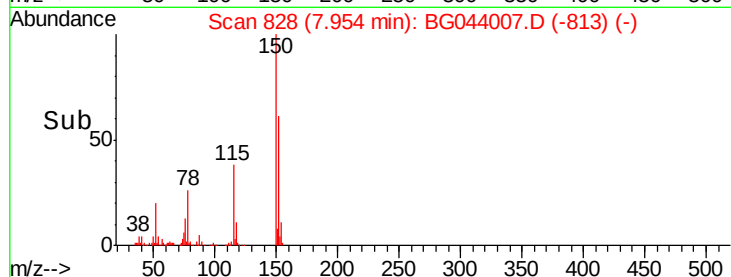
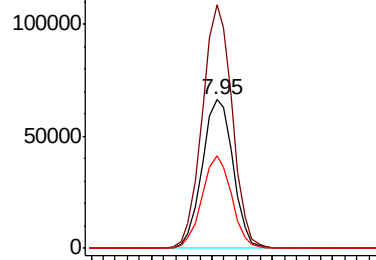


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

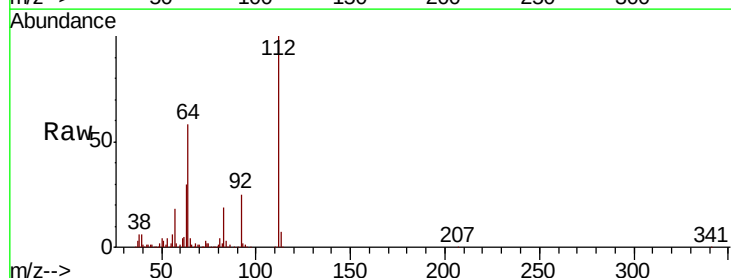
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.607 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG044007.D
Acq: 10 Jan 2020 18:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.8	71.6
63	30.3	24.3	36.5

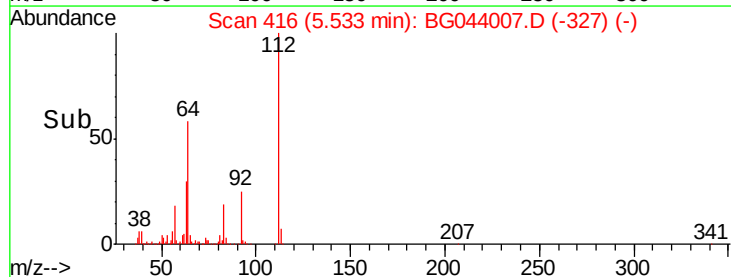
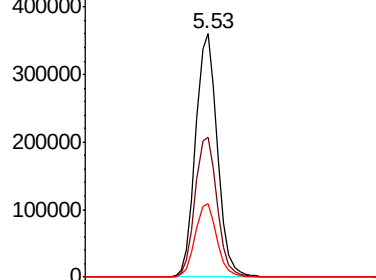


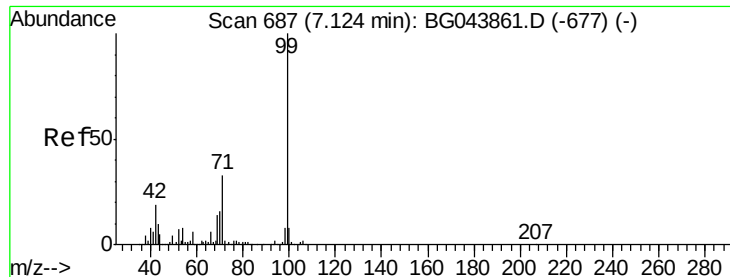
Abundance

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: 97.282 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044007.D

Acq: 10 Jan 2020 18:41

Instrument :

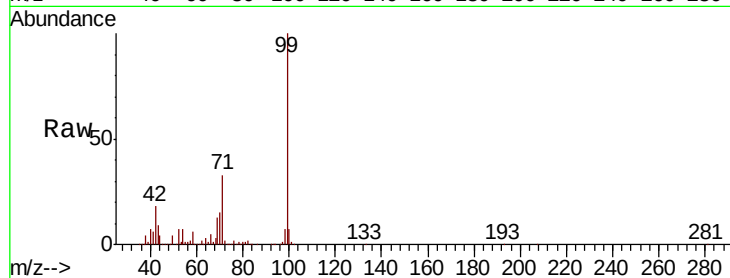
BNA_G

ClientSampleId :

OB1

Tot Ion: 99 Resp: 875667

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.9	22.3
71	32.8	26.4	39.6

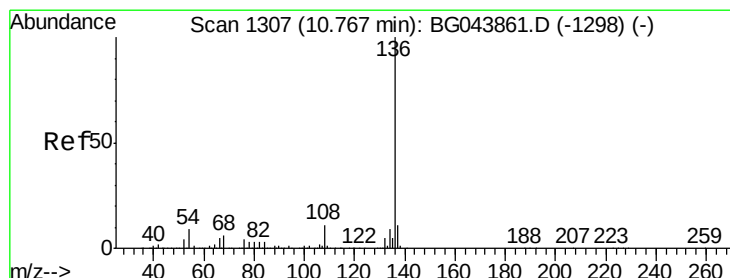
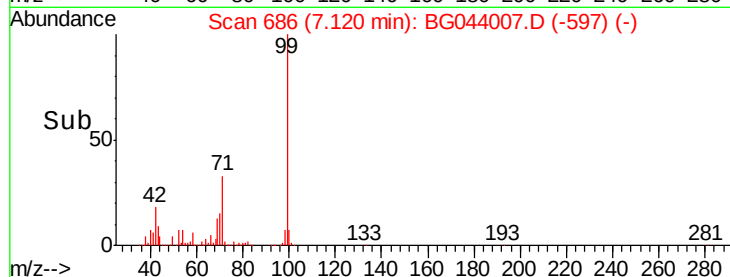
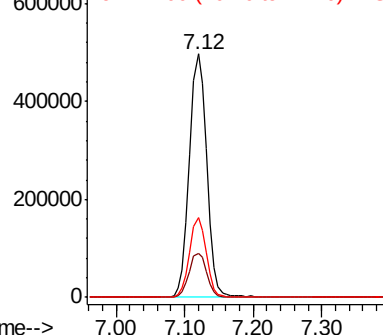


Abundance

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: 10.76 min Scan# 1305

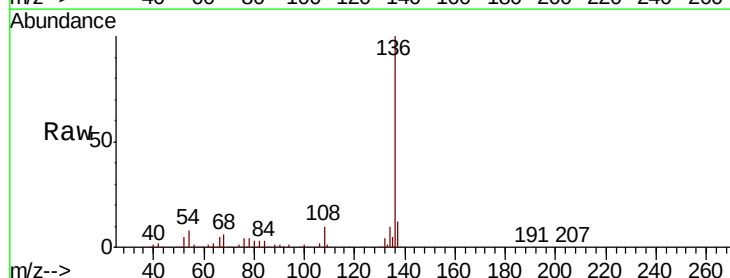
Delta R.T. -0.01 min

Lab File: BG044007.D

Acq: 10 Jan 2020 18:41

Tgt Ion: 136 Resp: 511757

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	7.6	7.0	10.4
68	5.8	4.9	7.3



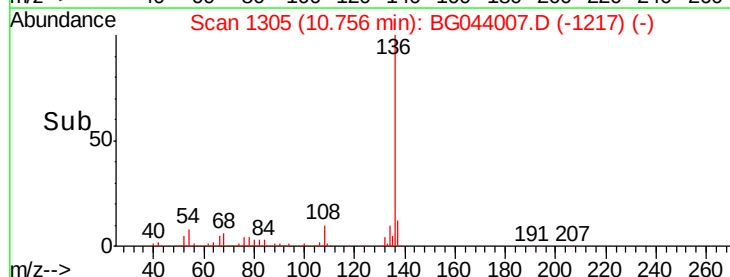
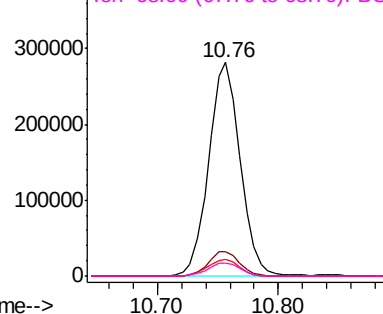
Abundance

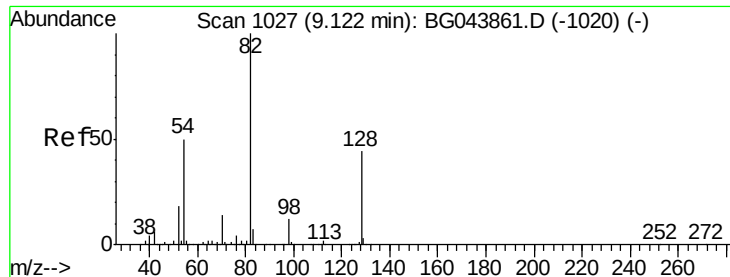
Ion 136.00 (135.70 to 136.70): BGC

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

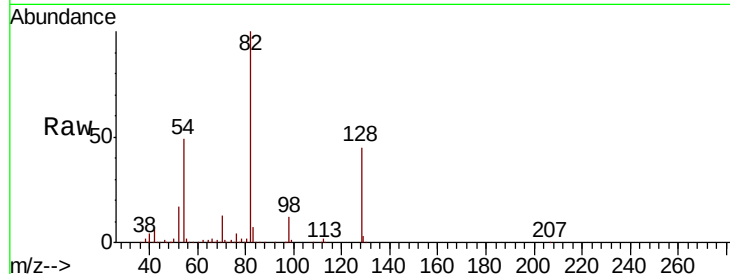




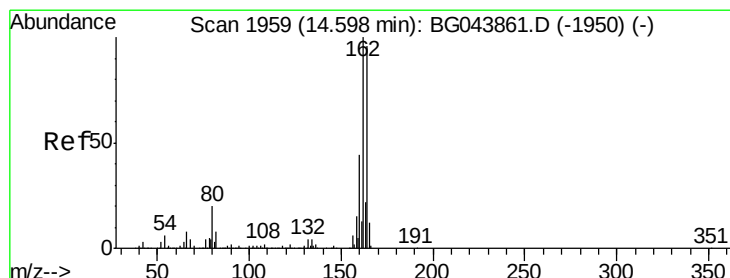
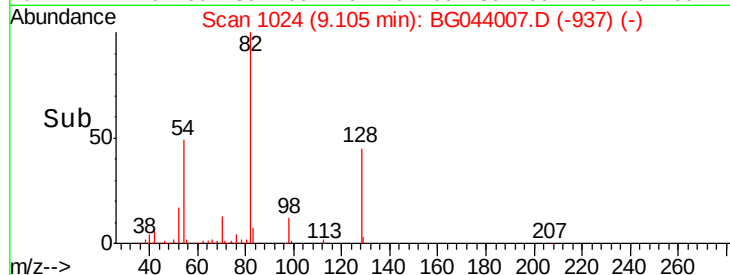
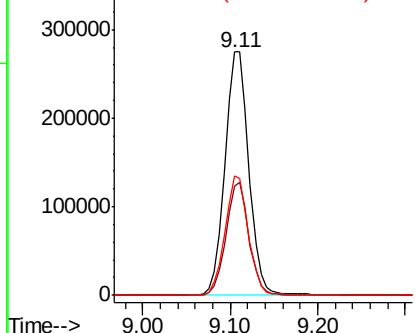
#23
 Nitrobenzene-d5
 Concen: 53.838 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG044007.D
 Acq: 10 Jan 2020 18:41

Instrument :
 BNA_G
 ClientSampleId :
 OB1

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.1	52.7
54	49.0	40.1	60.1

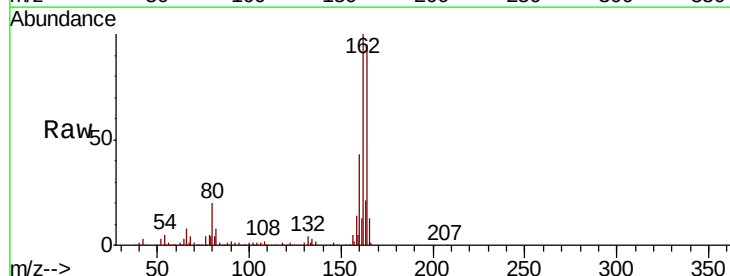


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

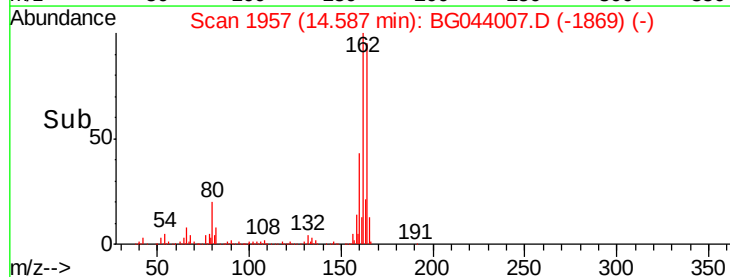
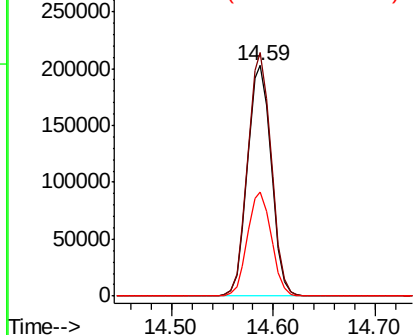


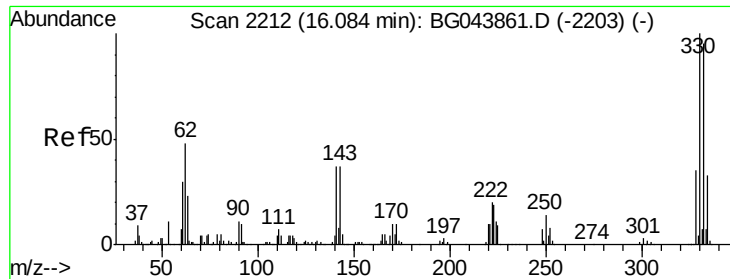
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG044007.D
 Acq: 10 Jan 2020 18:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.4
160	45.2	36.1	54.1



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: 89.081 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG044007.D

Acq: 10 Jan 2020 18:41

Instrument :

BNA_G

ClientSampled :

OB1

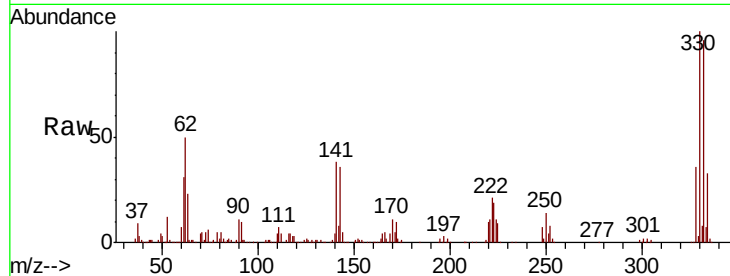
Tot Ion:330 Resp: 308508

Ion Ratio Lower Upper

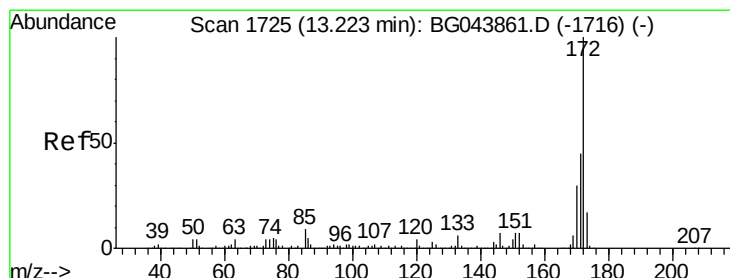
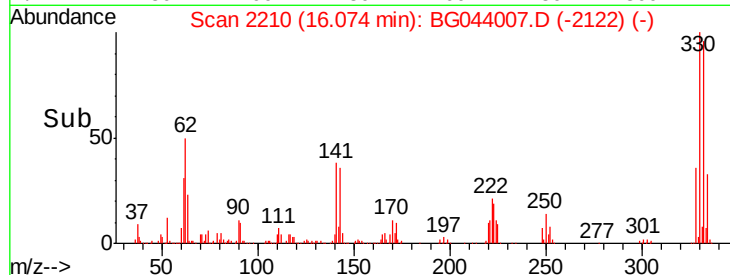
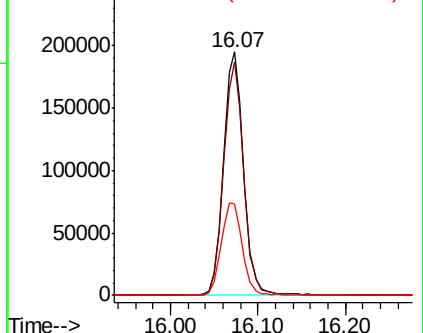
330 100

332 95.8 77.2 115.8

141 39.8 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: 64.030 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BG044007.D

Acq: 10 Jan 2020 18:41

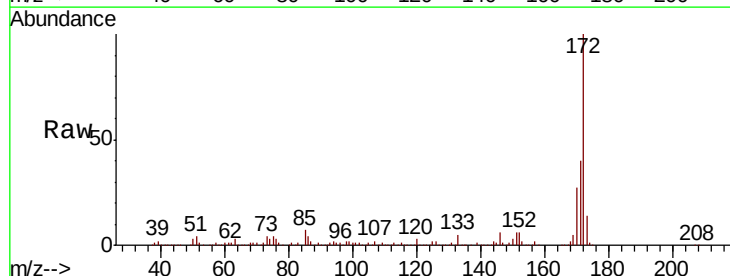
Tgt Ion:172 Resp: 1169572

Ion Ratio Lower Upper

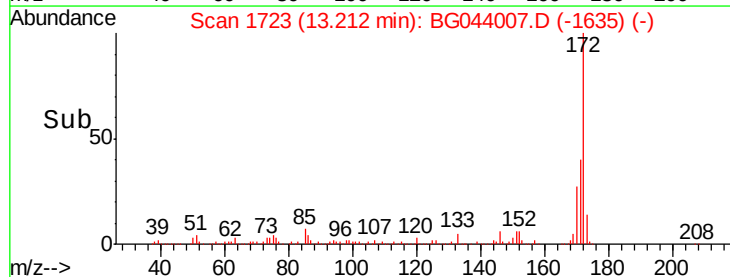
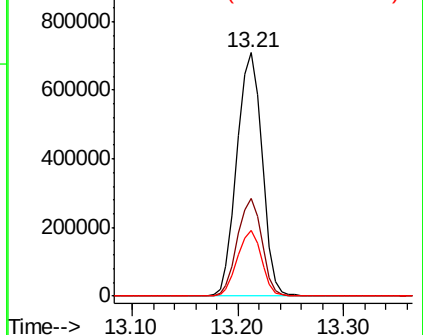
172 100

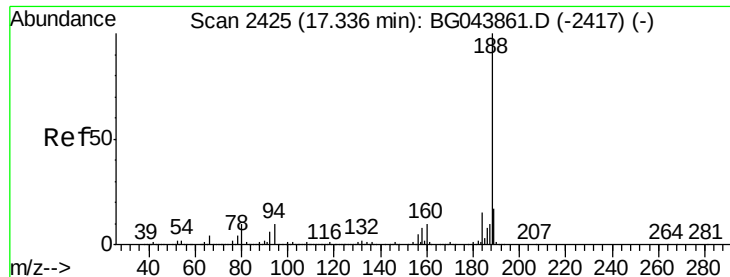
171 40.2 35.8 53.8

170 26.9 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

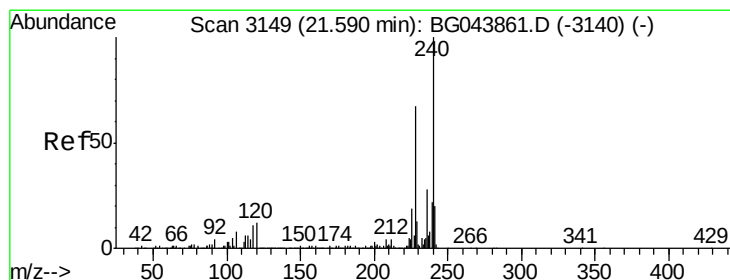
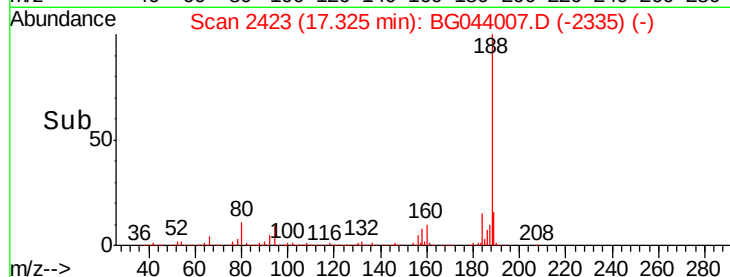
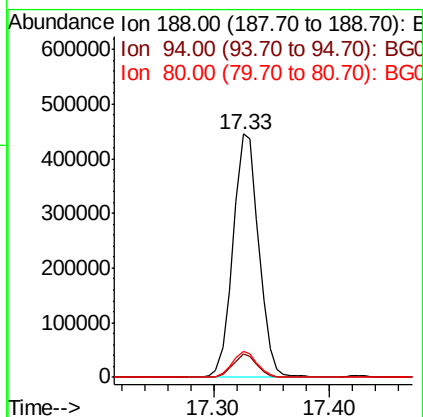
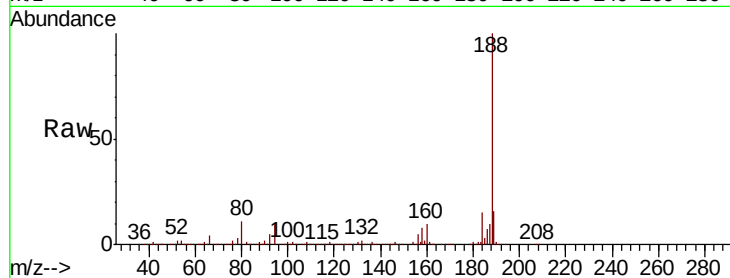




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG044007.D
Acq: 10 Jan 2020 18:41

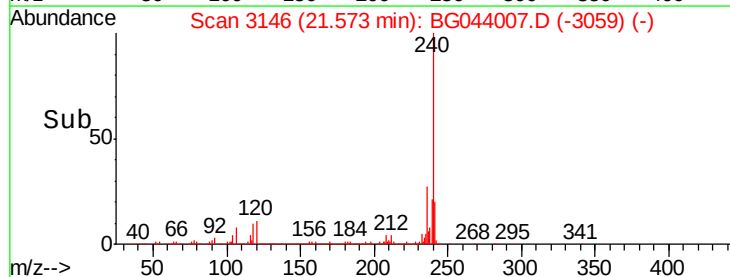
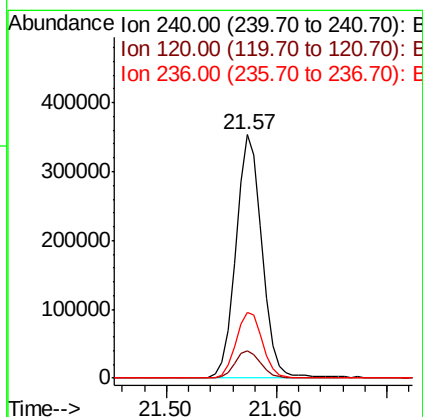
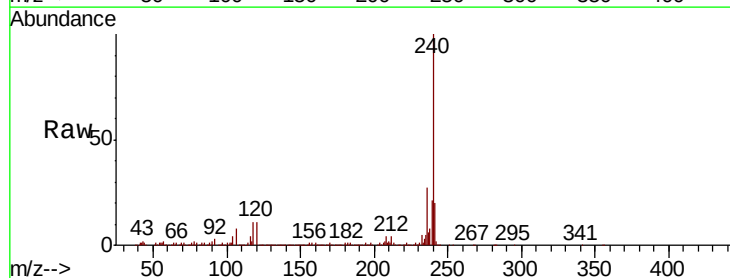
Instrument :
BNA_G
ClientSampleId :
OB1

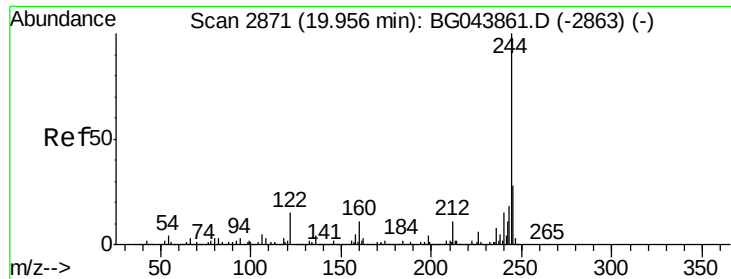
Tot Ion:188 Resp: 688625
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG044007.D
Acq: 10 Jan 2020 18:41

Tgt Ion:240 Resp: 586480
Ion Ratio Lower Upper
240 100
120 11.1 9.6 14.4
236 26.7 22.2 33.2





#79

Terphenyl-d14

Concen: 63.678 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG044007.D

Acq: 10 Jan 2020 18:41

Instrument :

BNA_G

ClientSampleId :

OB1

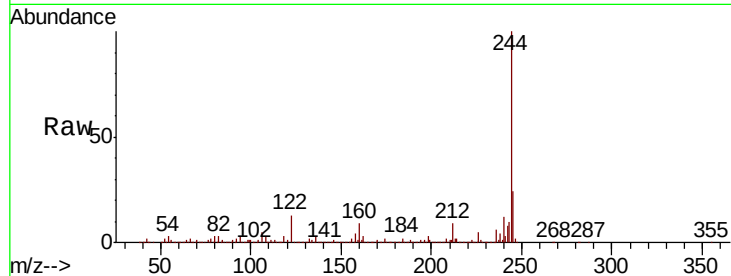
Tot Ion:244 Resp: 1664684

Ion Ratio Lower Upper

244 100

212 9.2 8.6 13.0

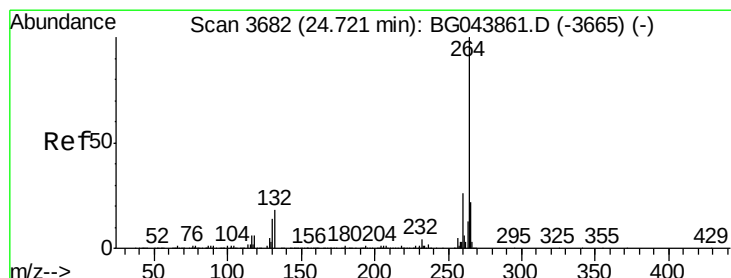
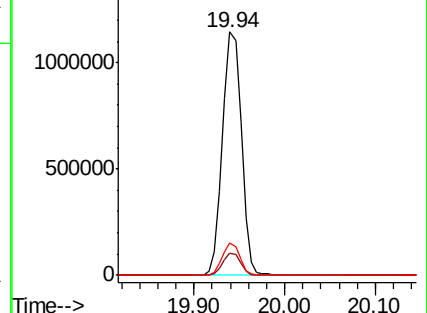
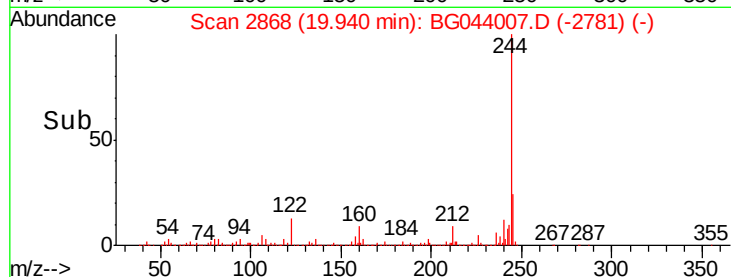
122 13.5 11.9 17.9



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

Perylene-d12

Concen: 20.000 ng

RT: 24.69 min Scan# 3677

Delta R.T. -0.03 min

Lab File: BG044007.D

Acq: 10 Jan 2020 18:41

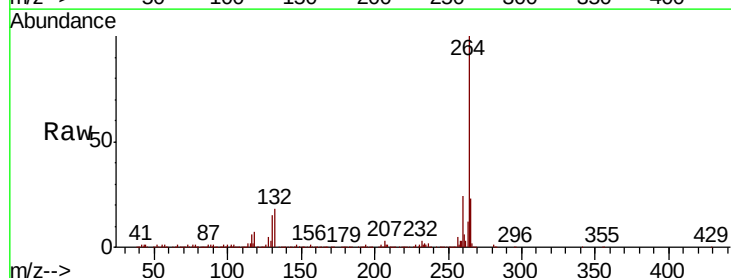
Tgt Ion:264 Resp: 655851

Ion Ratio Lower Upper

264 100

260 24.0 20.4 30.6

265 22.7 17.4 26.2



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

