

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043430.D
 Acq On : 31 Oct 2019 11:29
 Operator : JU
 Sample : PB124413BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124413BL

Quant Time: Oct 31 13:14:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38439	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	129684	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	104127	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	255011	20.00	ng	0.00
76) Chrysene-d12	21.66	240	282930	20.00	ng	0.00
87) Perylene-d12	24.86	264	329040	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	298934	142.51	ng	0.00
7) Phenol-d6	7.20	99	411757	136.43	ng	0.00
23) Nitrobenzene-d5	9.18	82	243422	96.77	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	253622	127.99	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	672864	89.29	ng	0.00
79) Terphenyl-d14	20.01	244	1414902	93.82	ng	0.00

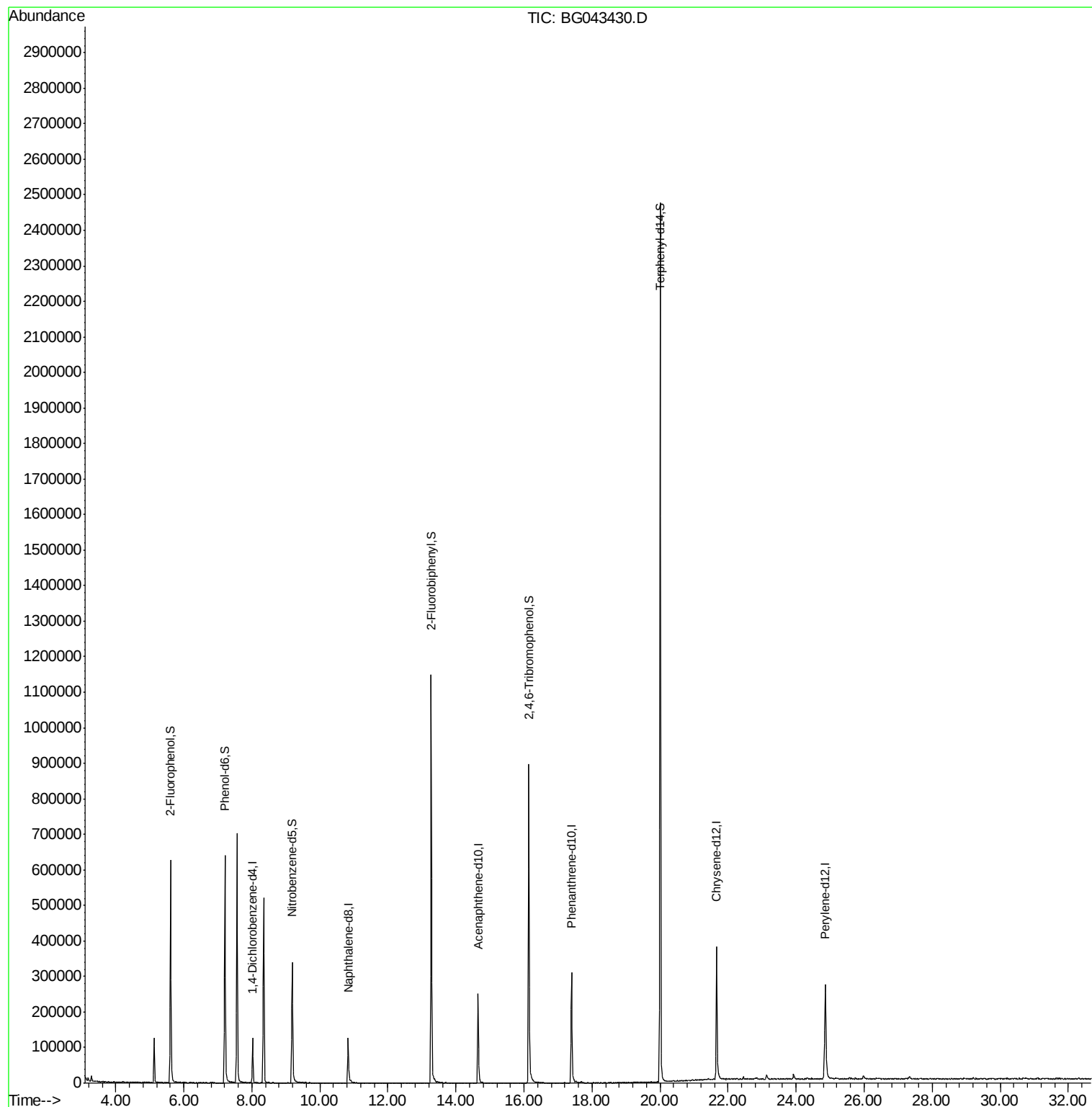
Target Compounds Qvalue

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

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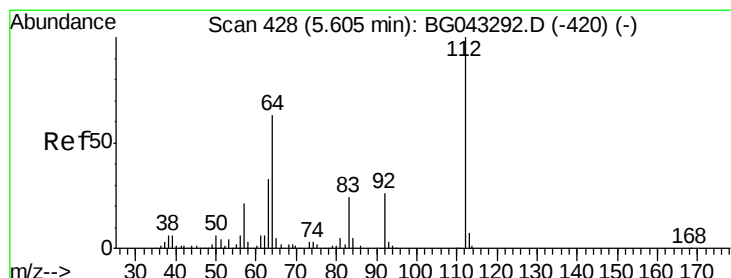
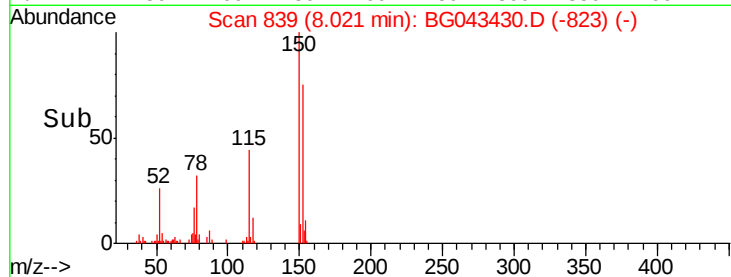
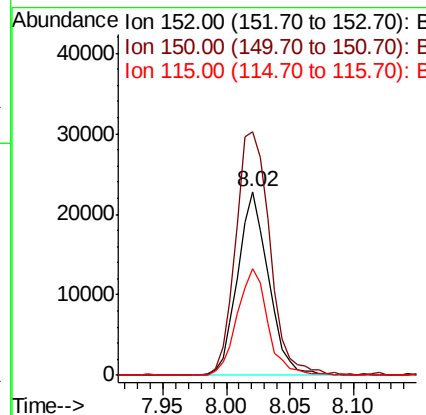
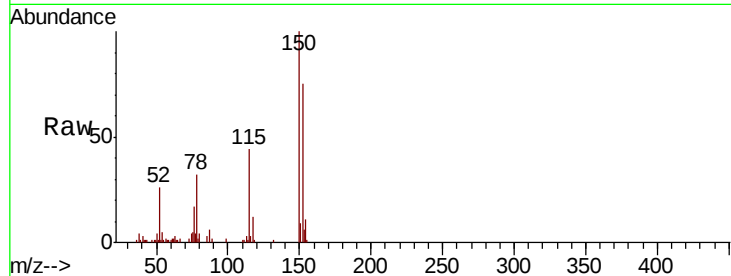


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG043430.D
Acq: 31 Oct 2019 11:29

Instrument :
BNA_G
ClientSampleId :
PB124413BL

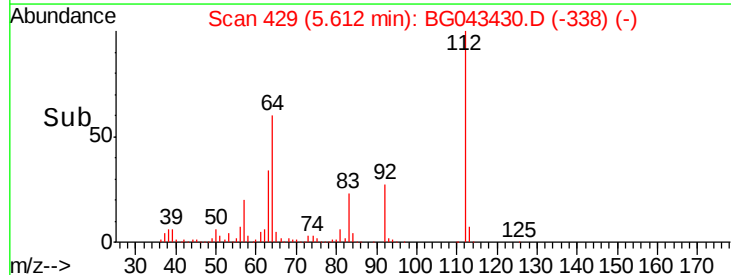
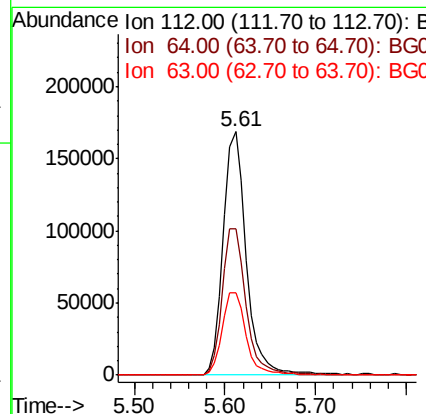
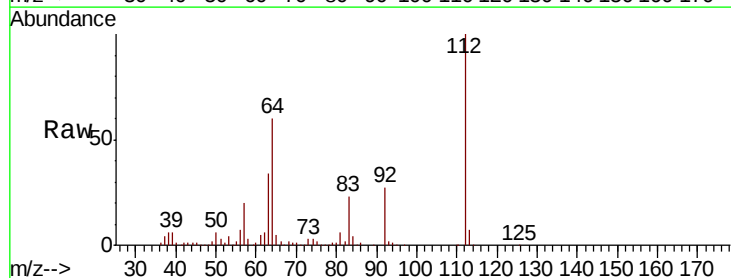
Tot Ion	Ratio	Lower	Upper
152	100		
150	132.5	113.6	170.4
115	58.4	45.9	68.9



#5

2-Fluorophenol
Concen: 142.507 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG043430.D
Acq: 31 Oct 2019 11:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	50.2	75.2
63	33.9	26.7	40.1





#7

Phenol-d6

Concen: 136.430 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043430.D

Acq: 31 Oct 2019 11:29

Instrument :

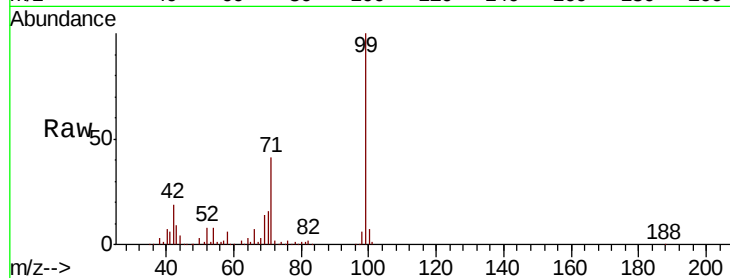
BNA_G

ClientSampleId :

PB124413BL

Tot Ion: 99 Resp: 411757

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	41.1	32.2	48.2

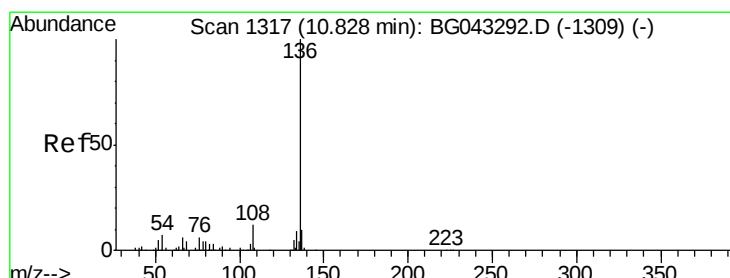
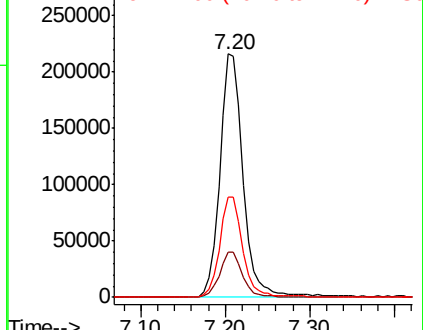
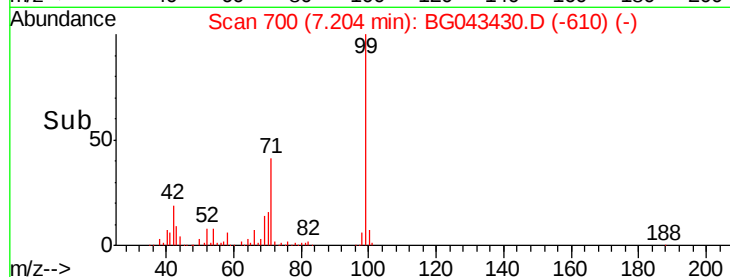


Abundance

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# 1317

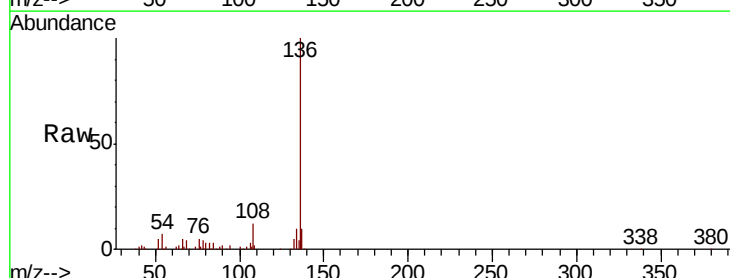
Delta R.T. 0.00 min

Lab File: BG043430.D

Acq: 31 Oct 2019 11:29

Tgt Ion: 136 Resp: 129684

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	7.5	5.4	8.2
68	4.5	3.3	4.9



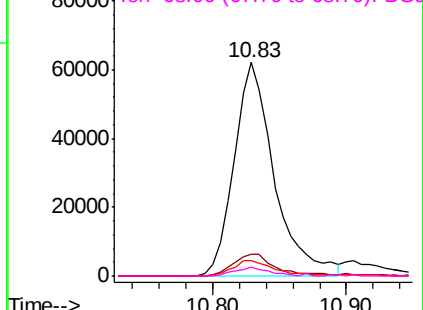
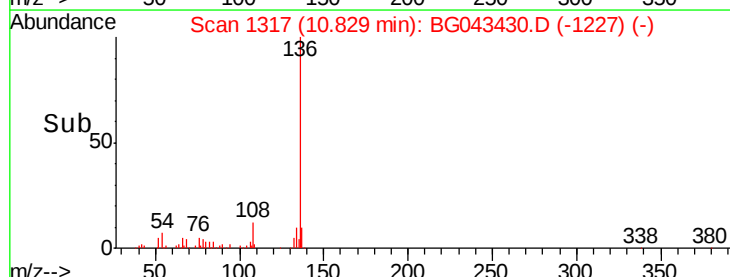
Abundance

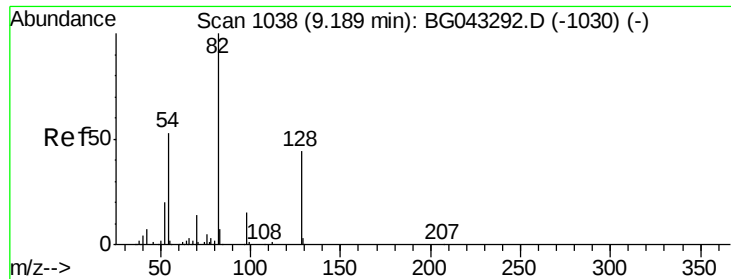
Ion 136.00 (135.70 to 136.70): BGC

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: 96.770 ng

RT: 9.18 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BG043430.D

Acq: 31 Oct 2019 11:29

Instrument :

BNA_G

ClientSampleId :

PB124413BL

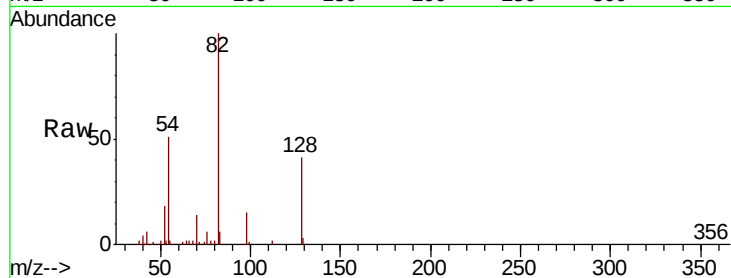
Tot Ion: 82 Resp: 243422

Ion Ratio Lower Upper

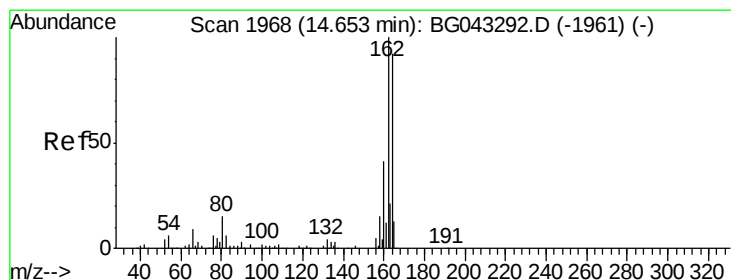
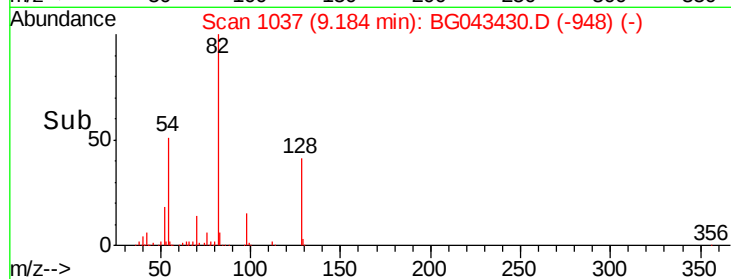
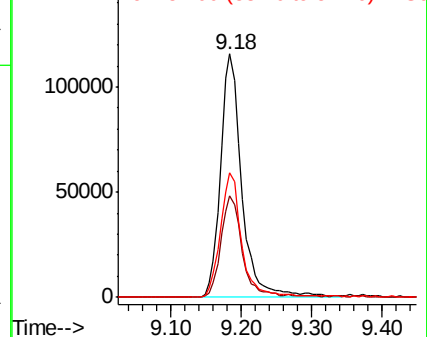
82 100

128 41.4 35.3 52.9

54 51.3 42.3 63.5



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: 14.65 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG043430.D

Acq: 31 Oct 2019 11:29

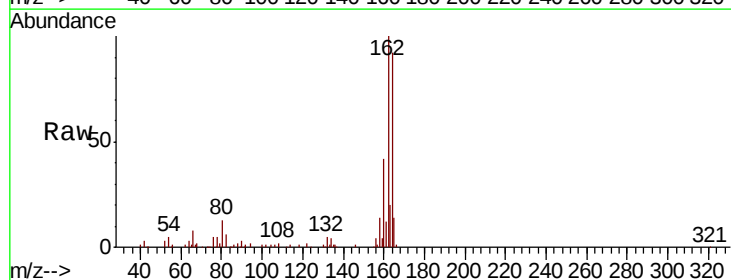
Tgt Ion:164 Resp: 104127

Ion Ratio Lower Upper

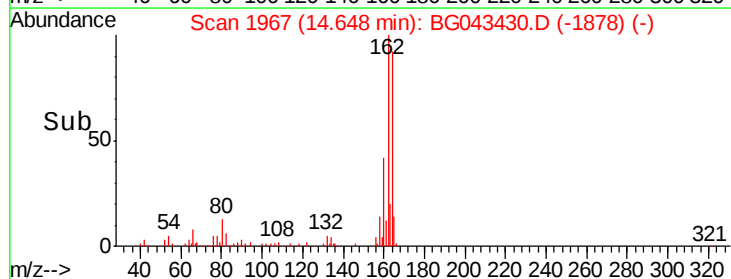
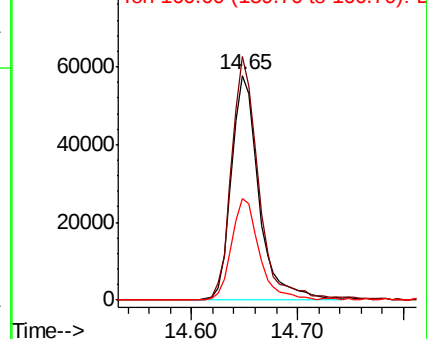
164 100

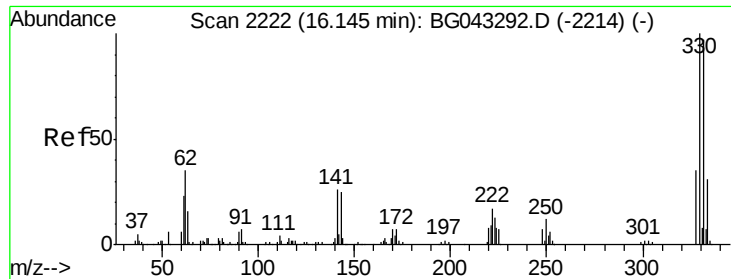
162 108.2 87.0 130.4

160 45.3 35.5 53.3



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

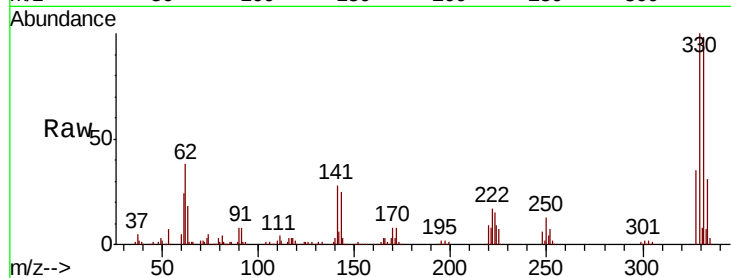




#42
 2,4,6-Tribromophenol
 Concen: 127.992 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.00 min
 Lab File: BG043430.D
 Acq: 31 Oct 2019 11:29

Instrument :
 BNA_G
 ClientSampleId :
 PB124413BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.4	114.6
141	27.8	21.4	32.0

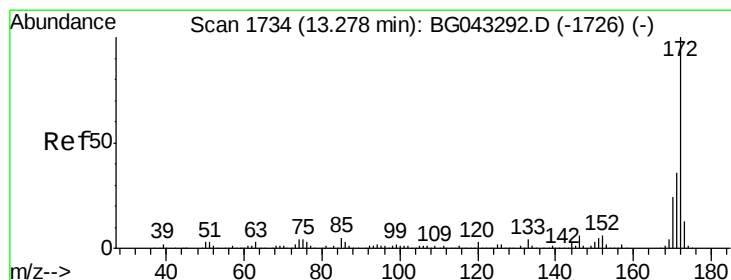
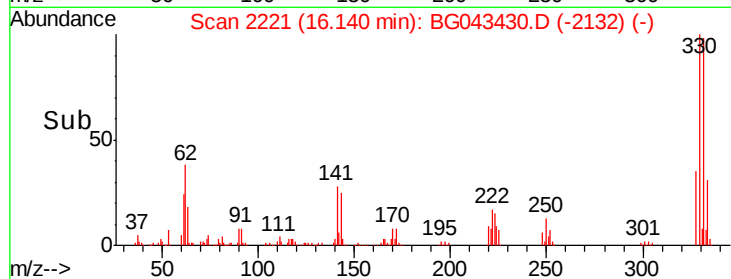
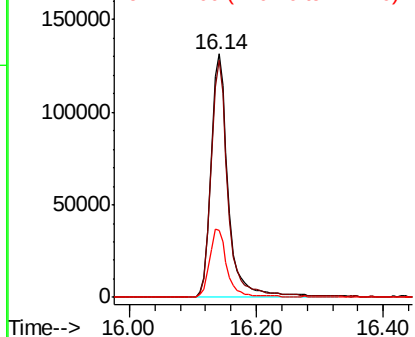


Abundance

Ion 329.80 (329.50 to 330.50): E

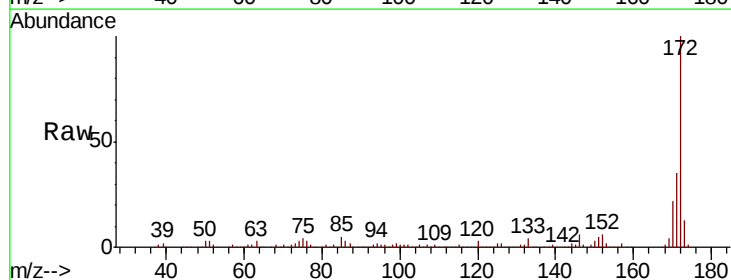
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.292 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043430.D
 Acq: 31 Oct 2019 11:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.5	18.8	28.2

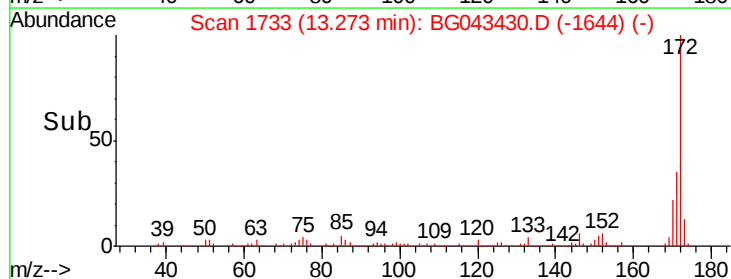
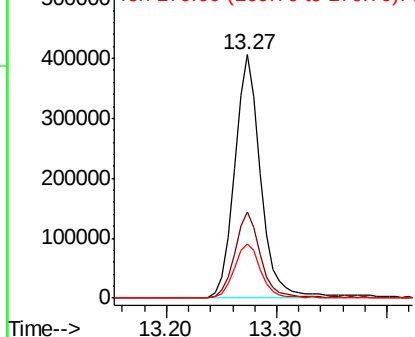


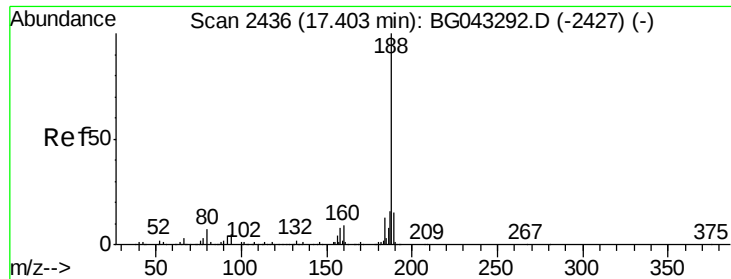
Abundance

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

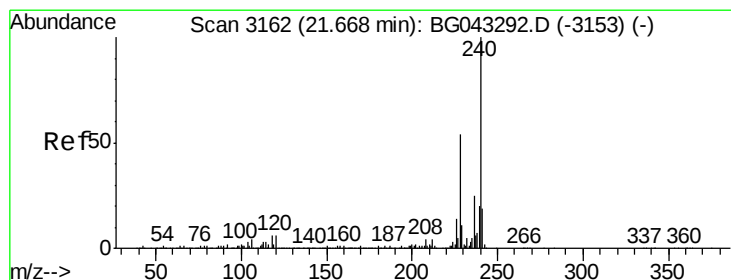
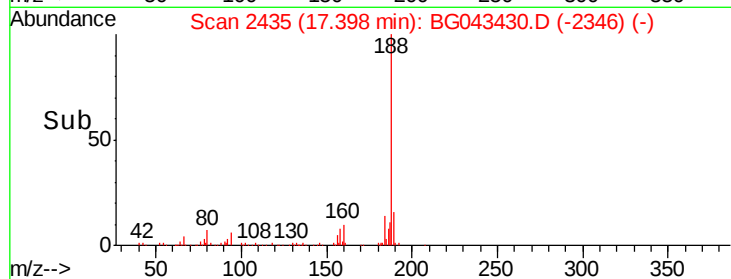
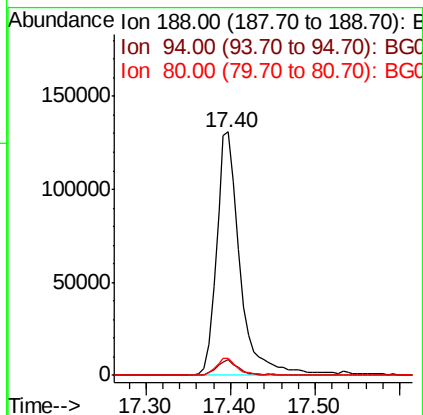
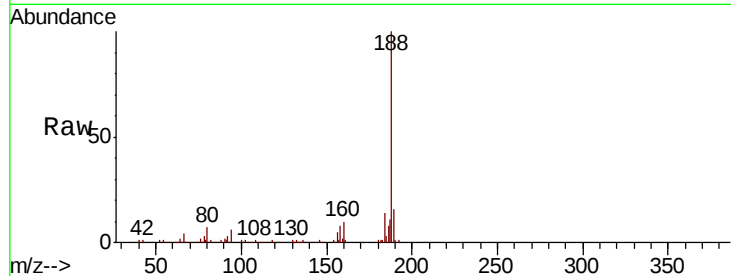




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043430.D
Acq: 31 Oct 2019 11:29

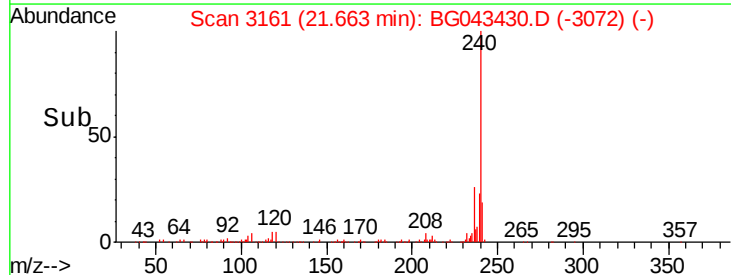
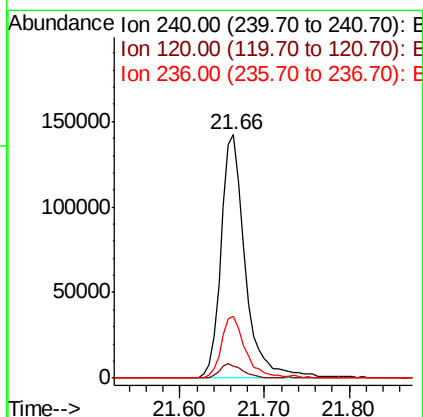
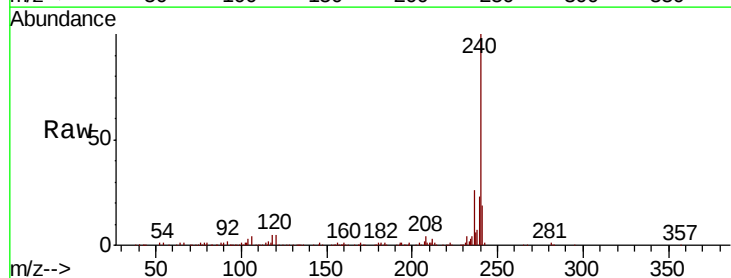
Instrument :
BNA_G
ClientSampleId :
PB124413BL

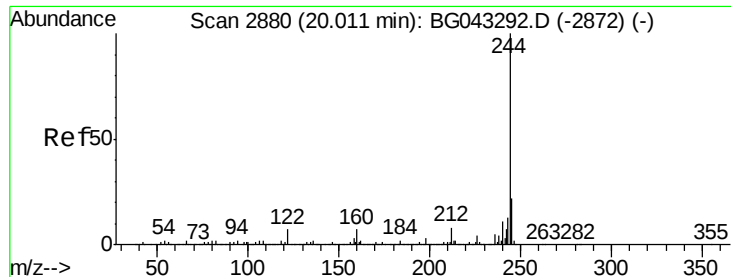
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.4	4.2	6.2#
80	7.0	5.2	7.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG043430.D
Acq: 31 Oct 2019 11:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	7.0
236	25.6	20.2	30.4



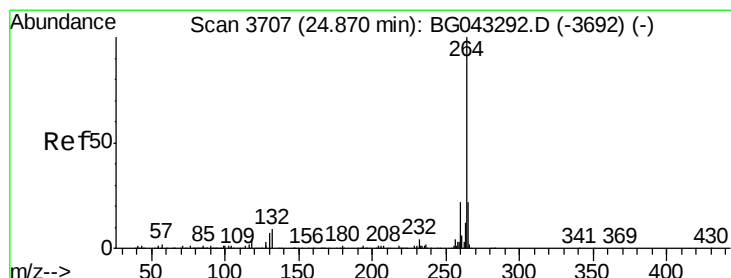
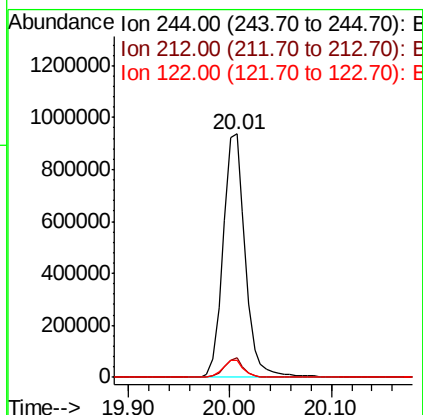
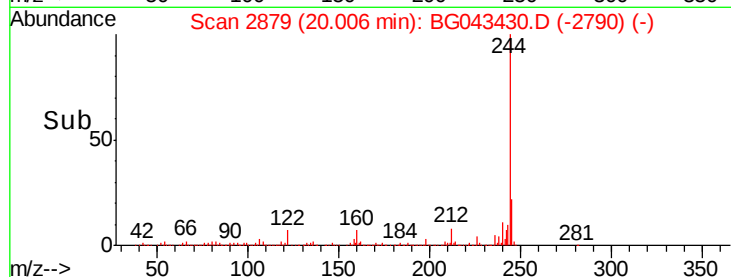
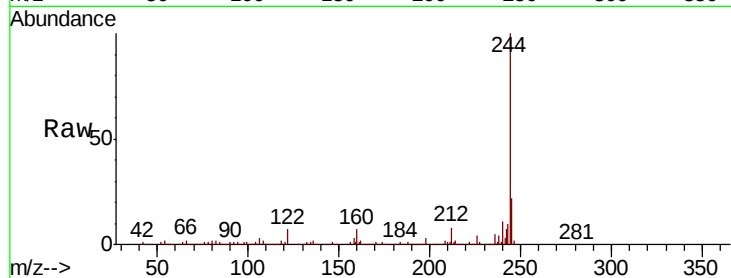


#79
 Terphenyl-d14
 Concen: 93.820 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG043430.D
 Acq: 31 Oct 2019 11:29

Instrument :
 BNA_G
 ClientSampleId :
 PB124413BL

Tot Ion:244 Resp: 1414902

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	6.9	5.3	7.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043430.D
 Acq: 31 Oct 2019 11:29

Tgt Ion:264 Resp: 329040

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	20.6	17.4	26.2

