

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043914.D
 Acq On : 4 Jan 2020 9:38
 Operator : JU
 Sample : K6113-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-123119

Quant Time: Jan 06 05:34:25 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	7.97	152	123343	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	523883	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	347159	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	772212	20.00	ng	0.00
76) Chrysene-d12	21.59	240	674047	20.00	ng	0.00
87) Perylene-d12	24.72	264	741664	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	973446	144.91	ng	0.00
7) Phenol-d6	7.13	99	1289880	137.37	ng	0.00
23) Nitrobenzene-d5	9.12	82	838478	85.62	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	480935	132.38	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1778594	92.82	ng	0.00
79) Terphenyl-d14	19.95	244	2518700	92.06	ng	0.00

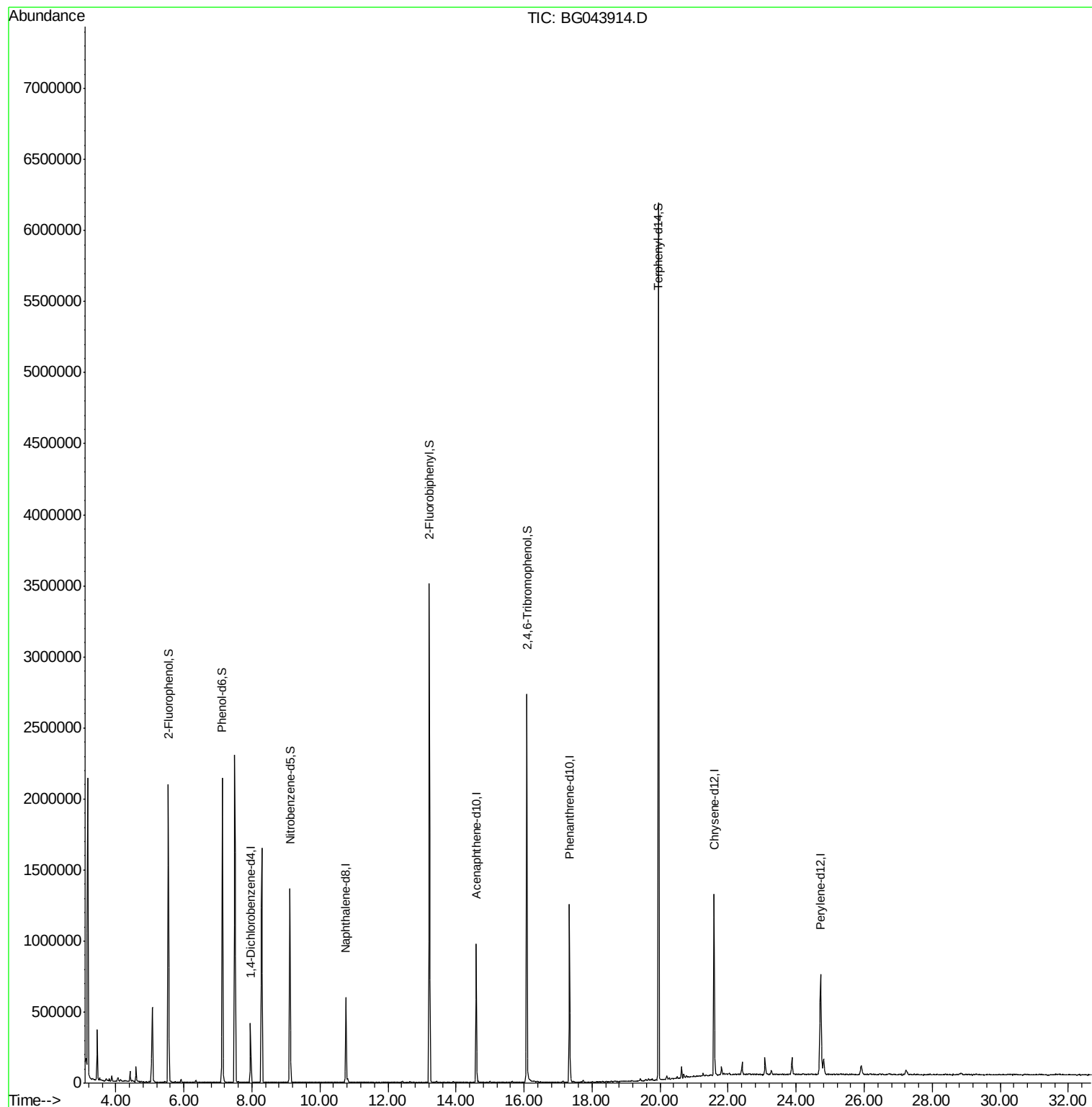
Target Compounds Qvalue

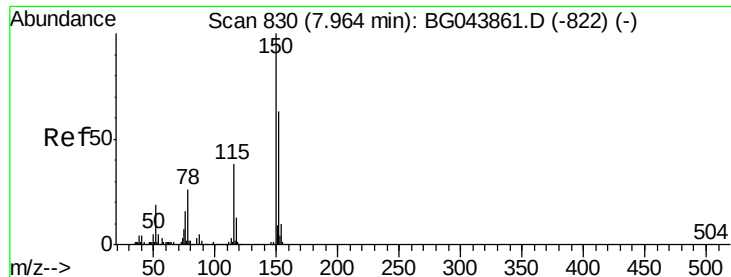
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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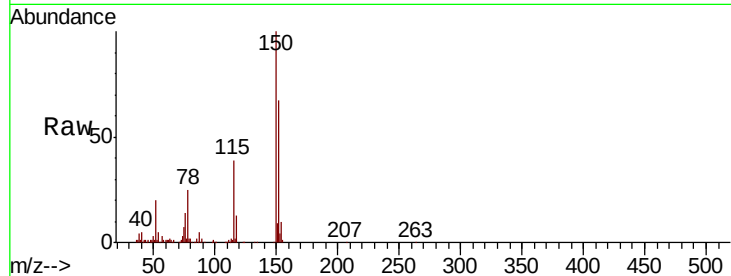


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043914.D
Acq: 4 Jan 2020 9:38

Instrument :
BNA_G
ClientSampleId :
OR-02-123119

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	127.0	190.4
115	58.3	47.8	71.8

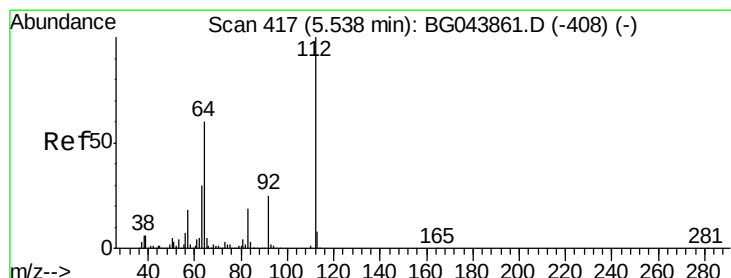
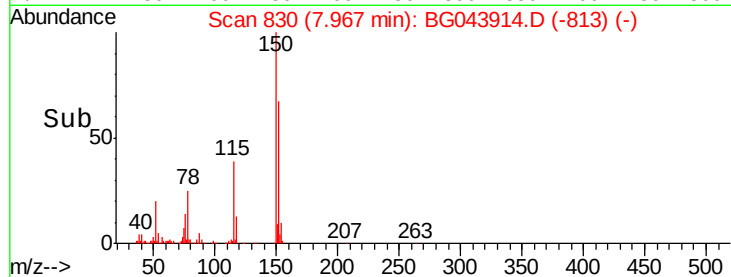
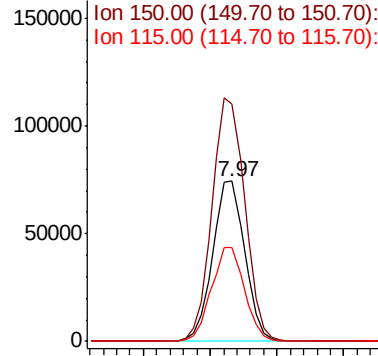


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

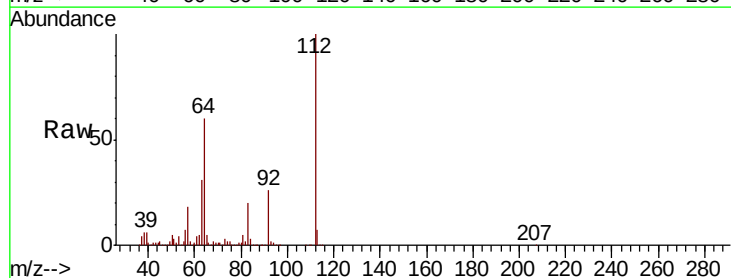
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 144.910 ng
RT: 5.55 min Scan# 418
Delta R.T. 0.01 min
Lab File: BG043914.D
Acq: 4 Jan 2020 9:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.8	71.6
63	31.1	24.3	36.5

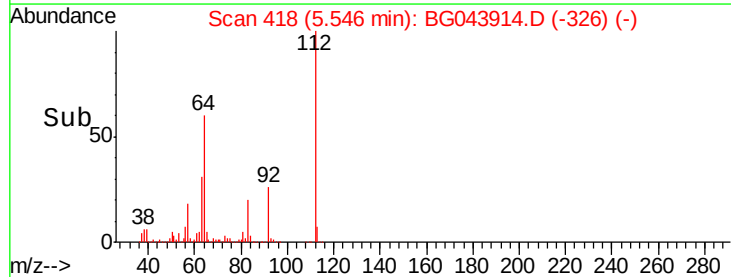
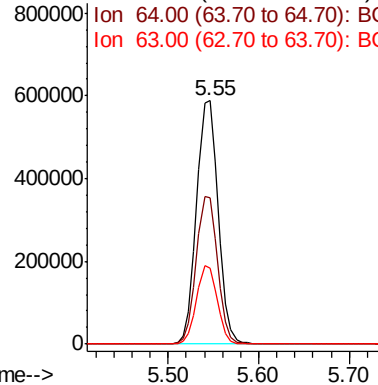


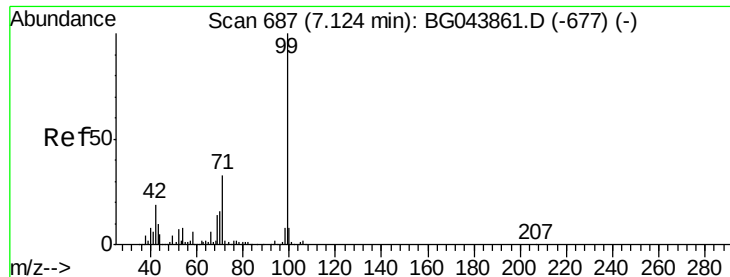
Abundance

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: 137.368 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043914.D

Acq: 4 Jan 2020 9:38

Instrument :

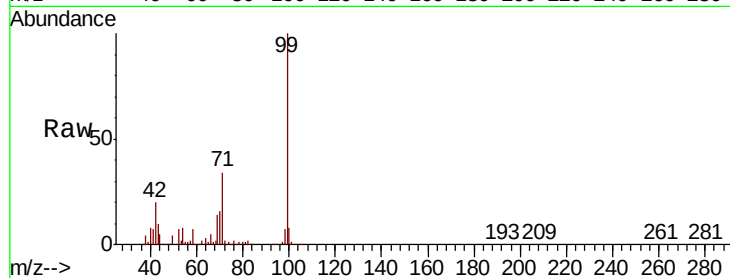
BNA_G

ClientSampleId :

OR-02-123119

Tot Ion: 99 Resp: 1289880

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.9	22.3
71	34.0	26.4	39.6

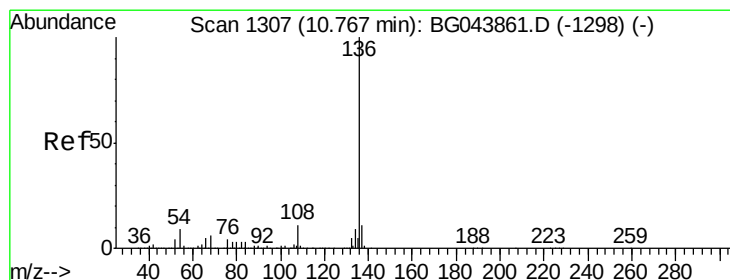
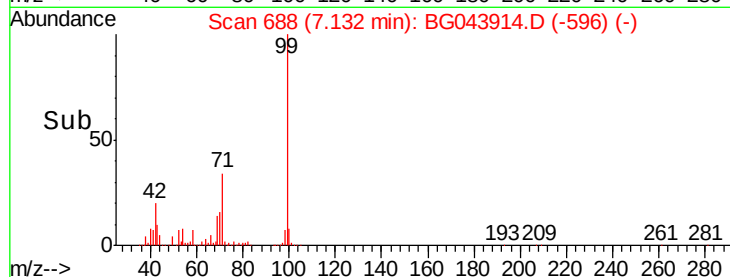
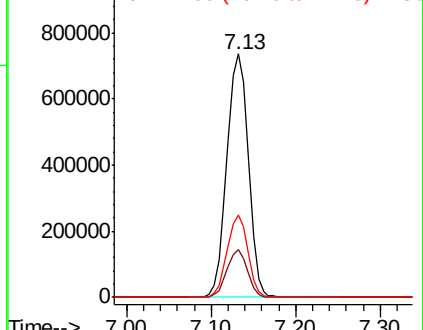


Abundance

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# 1306

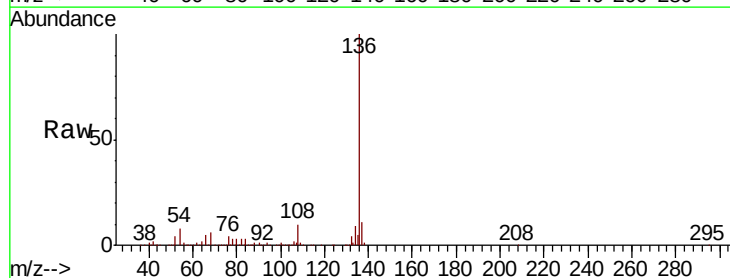
Delta R.T. -0.00 min

Lab File: BG043914.D

Acq: 4 Jan 2020 9:38

Tgt Ion: 136 Resp: 523883

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	7.0	10.4
68	6.3	4.9	7.3



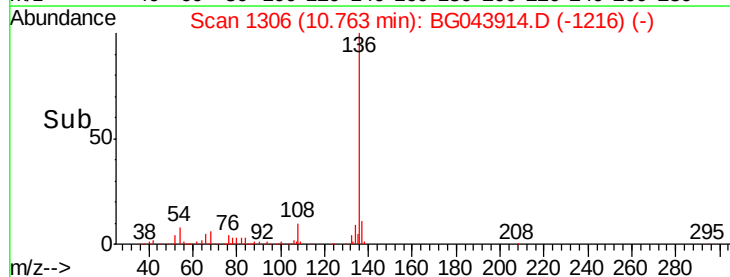
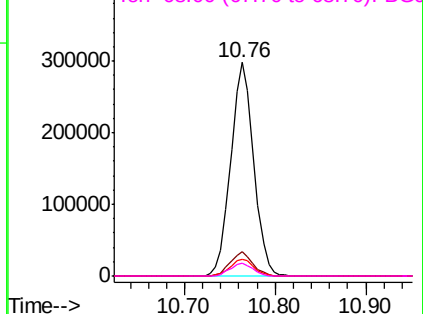
Abundance

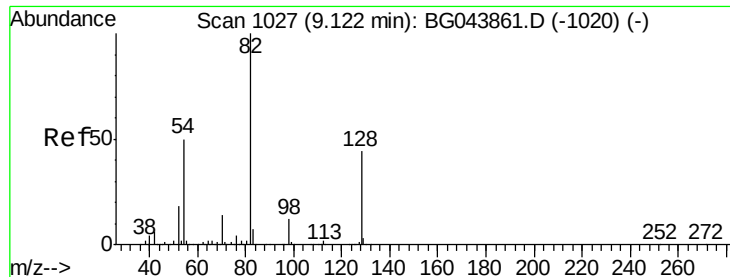
Ion 136.00 (135.70 to 136.70): BGC

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: 85.620 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043914.D

Acq: 4 Jan 2020 9:38

Instrument :

BNA_G

ClientSampleId :

OR-02-123119

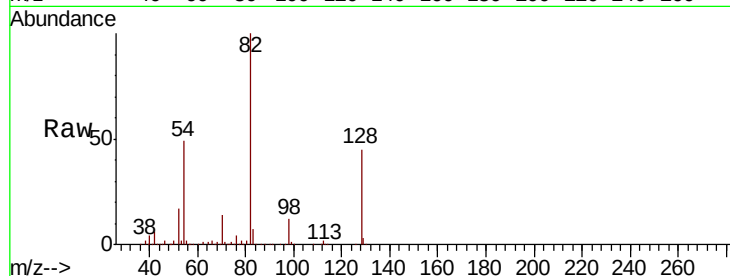
Tot Ion: 82 Resp: 838478

Ion Ratio Lower Upper

82 100

128 45.2 35.1 52.7

54 48.9 40.1 60.1

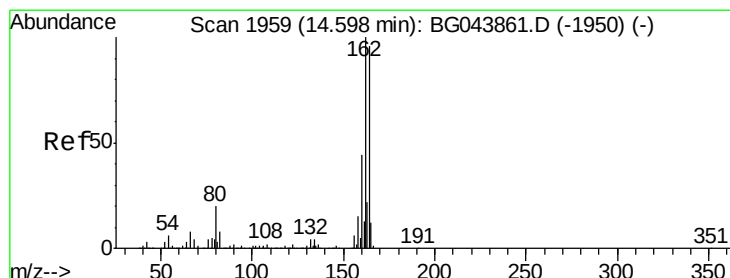
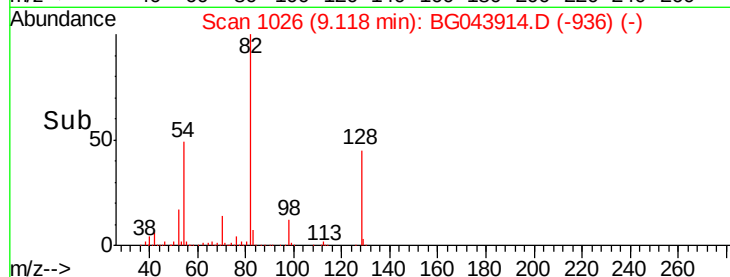
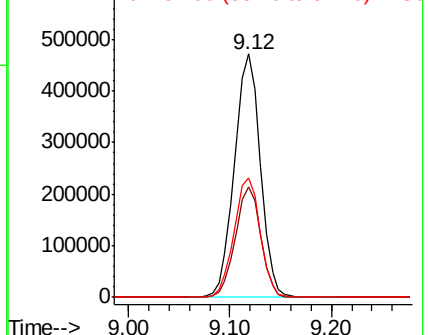


Abundance

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# 1958

Delta R.T. -0.00 min

Lab File: BG043914.D

Acq: 4 Jan 2020 9:38

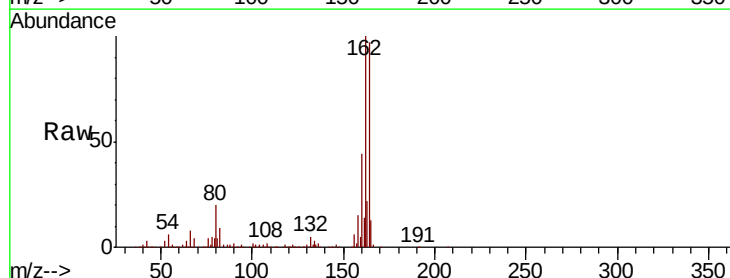
Tgt Ion:164 Resp: 347159

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.4

160 45.8 36.1 54.1

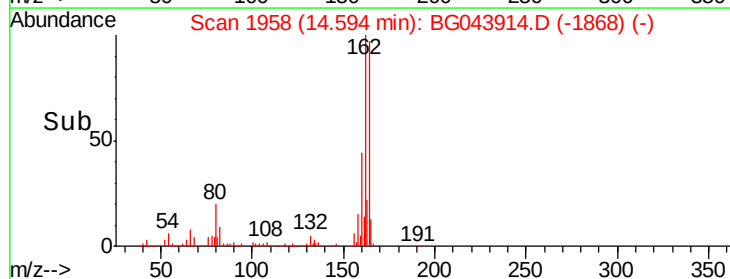
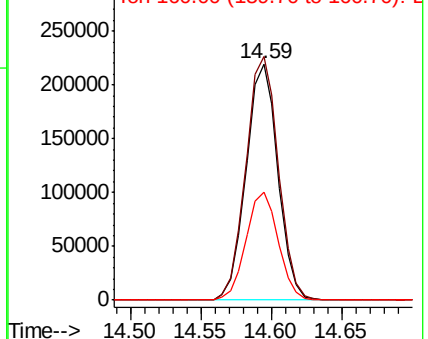


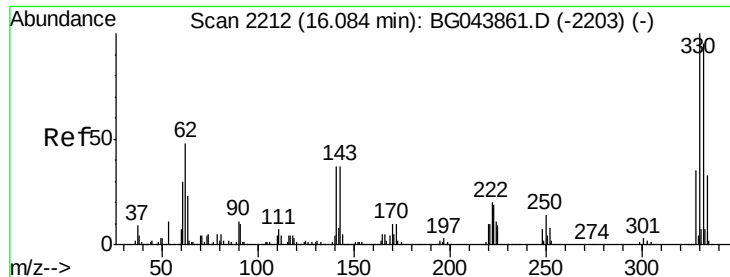
Abundance

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: 132.381 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG043914.D

Acq: 4 Jan 2020 9:38

Instrument :

BNA_G

ClientSampleId :

OR-02-123119

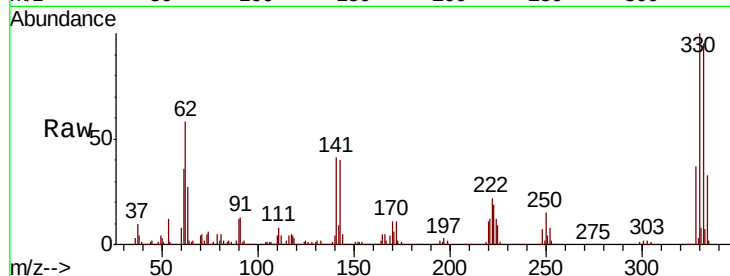
Tot Ion:330 Resp: 480935

Ion Ratio Lower Upper

330 100

332 95.9 77.2 115.8

141 41.1 33.1 49.7

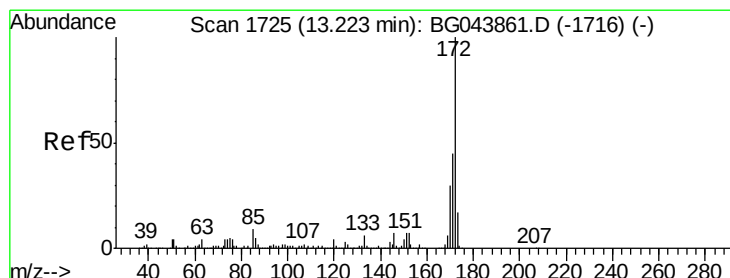
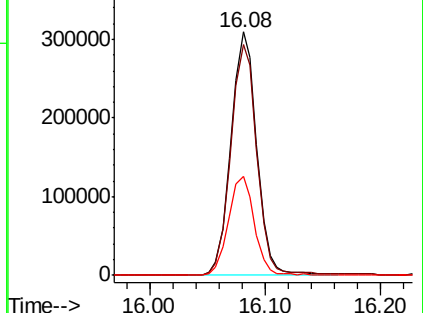
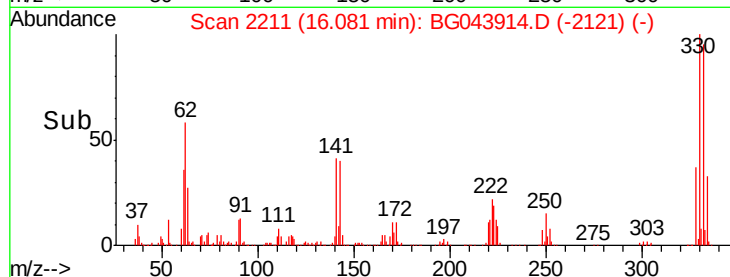


Abundance

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: 92.822 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG043914.D

Acq: 4 Jan 2020 9:38

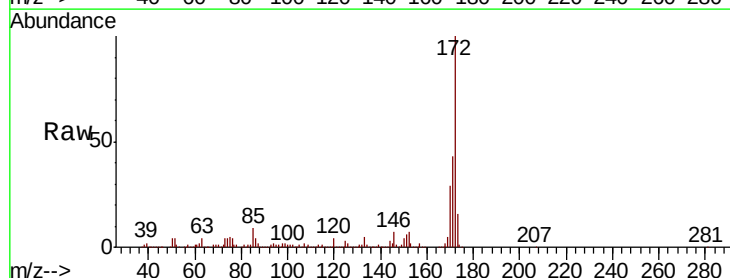
Tgt Ion:172 Resp: 1778594

Ion Ratio Lower Upper

172 100

171 42.7 35.8 53.8

170 28.7 24.2 36.4

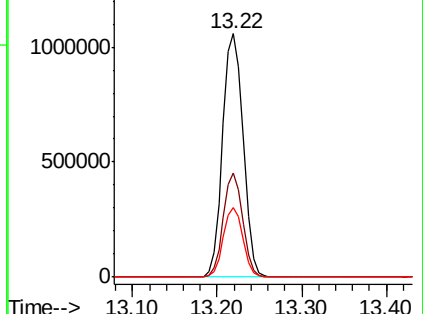
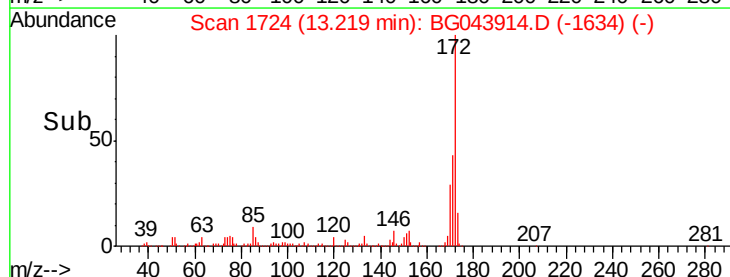


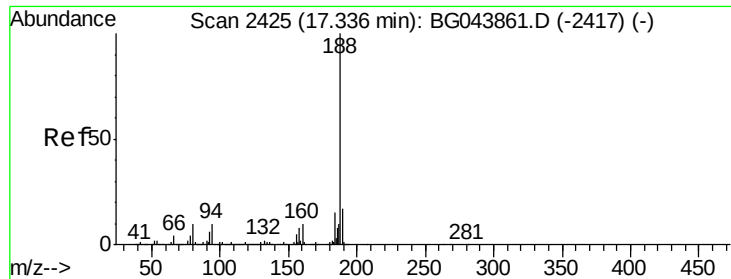
Abundance

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: 17.34 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG043914.D

Acq: 4 Jan 2020 9:38

Instrument :

BNA_G

ClientSampleId :

OR-02-123119

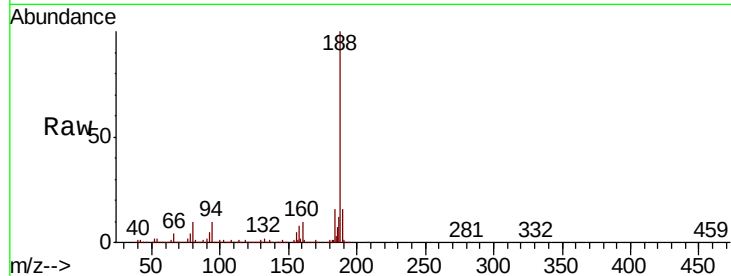
Tot Ion:188 Resp: 772212

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

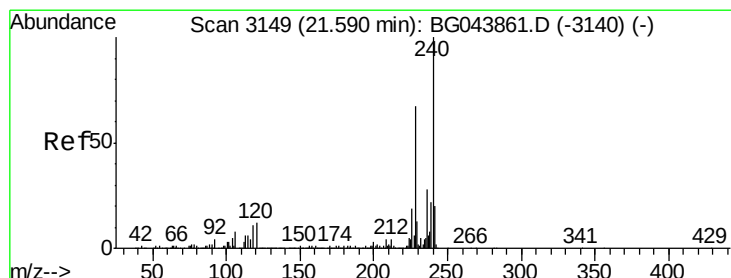
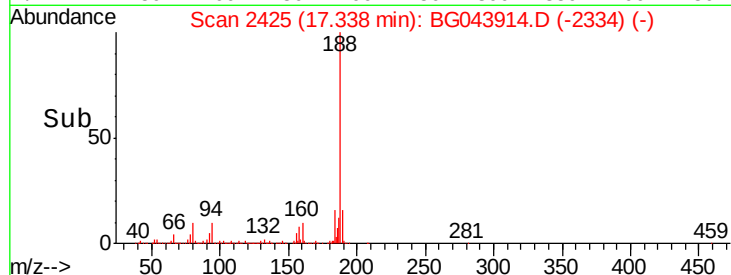
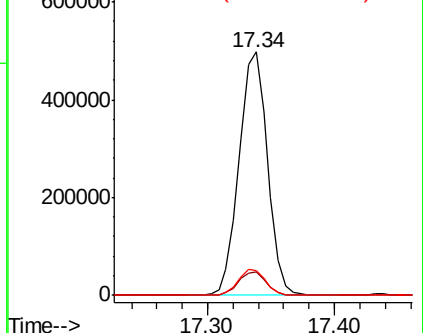
80 10.3 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG043914.D

Acq: 4 Jan 2020 9:38

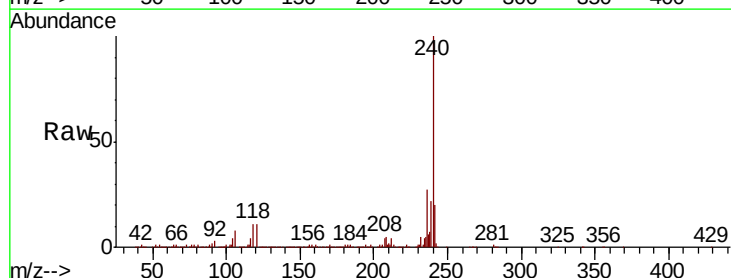
Tgt Ion:240 Resp: 674047

Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

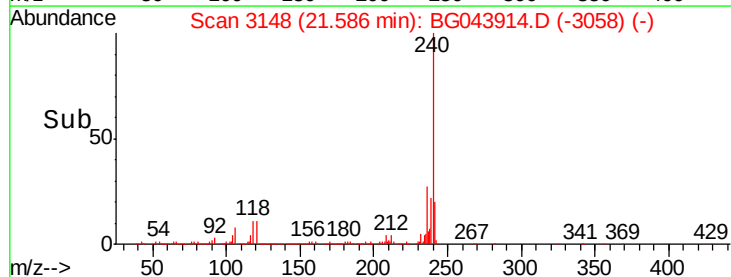
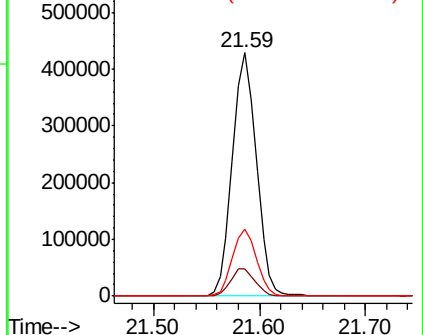
236 27.5 22.2 33.2

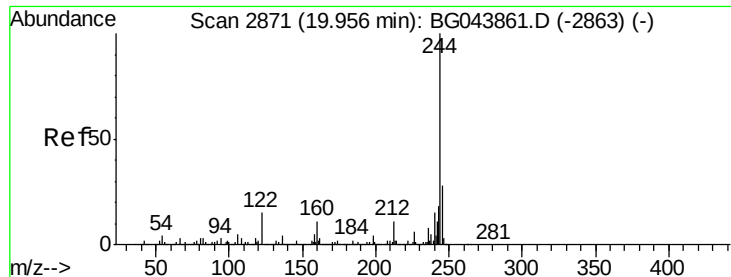


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.057 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.00 min

Lab File: BG043914.D

Acq: 4 Jan 2020 9:38

Instrument :

BNA_G

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OR-02-123119

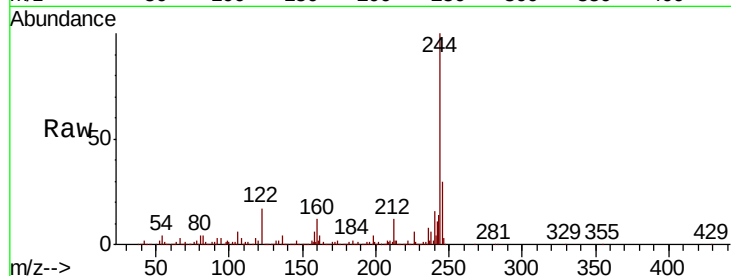
Tot Ion:244 Resp: 2518700

Ion Ratio Lower Upper

244 100

212 11.9 8.6 13.0

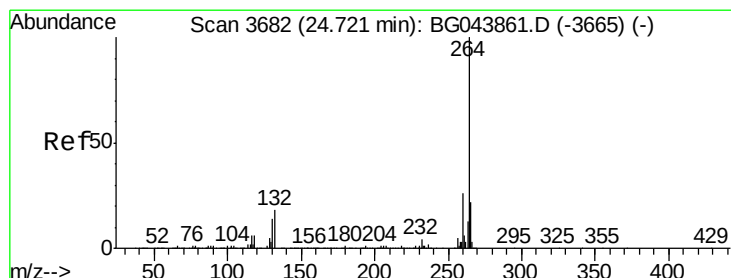
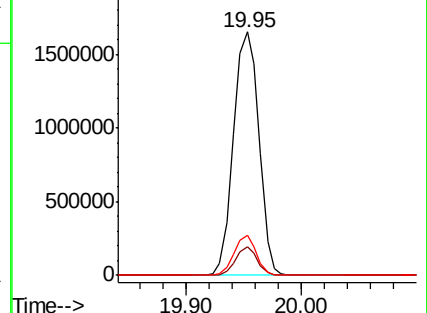
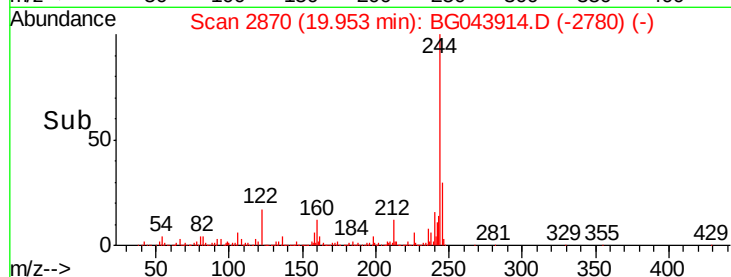
122 16.7 11.9 17.9



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: 24.72 min Scan# 3681

Delta R.T. -0.00 min

Lab File: BG043914.D

Acq: 4 Jan 2020 9:38

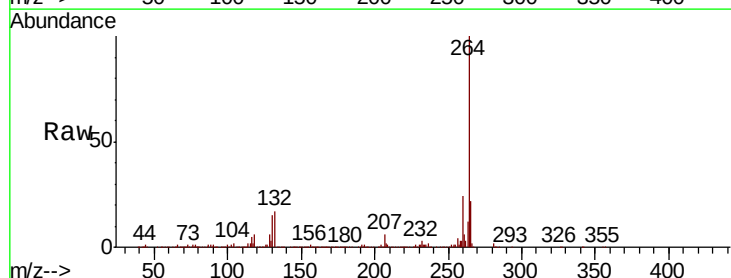
Tgt Ion:264 Resp: 741664

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

265 21.8 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

