

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110119\
 Data File : BG043464.D
 Acq On : 1 Nov 2019 14:06
 Operator : JU
 Sample : PB124454TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124454TB

Quant Time: Nov 01 22:53:56 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	8.01	152	37178	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	130334	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	98632	20.00	ng	-0.01
64) Phenanthrene-d10	17.39	188	250770	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	285340	20.00	ng	-0.01
87) Perylene-d12	24.85	264	335158	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	210543	103.77	ng	0.00
7) Phenol-d6	7.20	99	284904	97.60	ng	0.00
23) Nitrobenzene-d5	9.18	82	170725	67.53	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	190461	101.47	ng	-0.01
45) 2-Fluorobiphenyl	13.26	172	484073	67.82	ng	-0.01
79) Terphenyl-d14	20.00	244	1121799	73.76	ng	-0.01

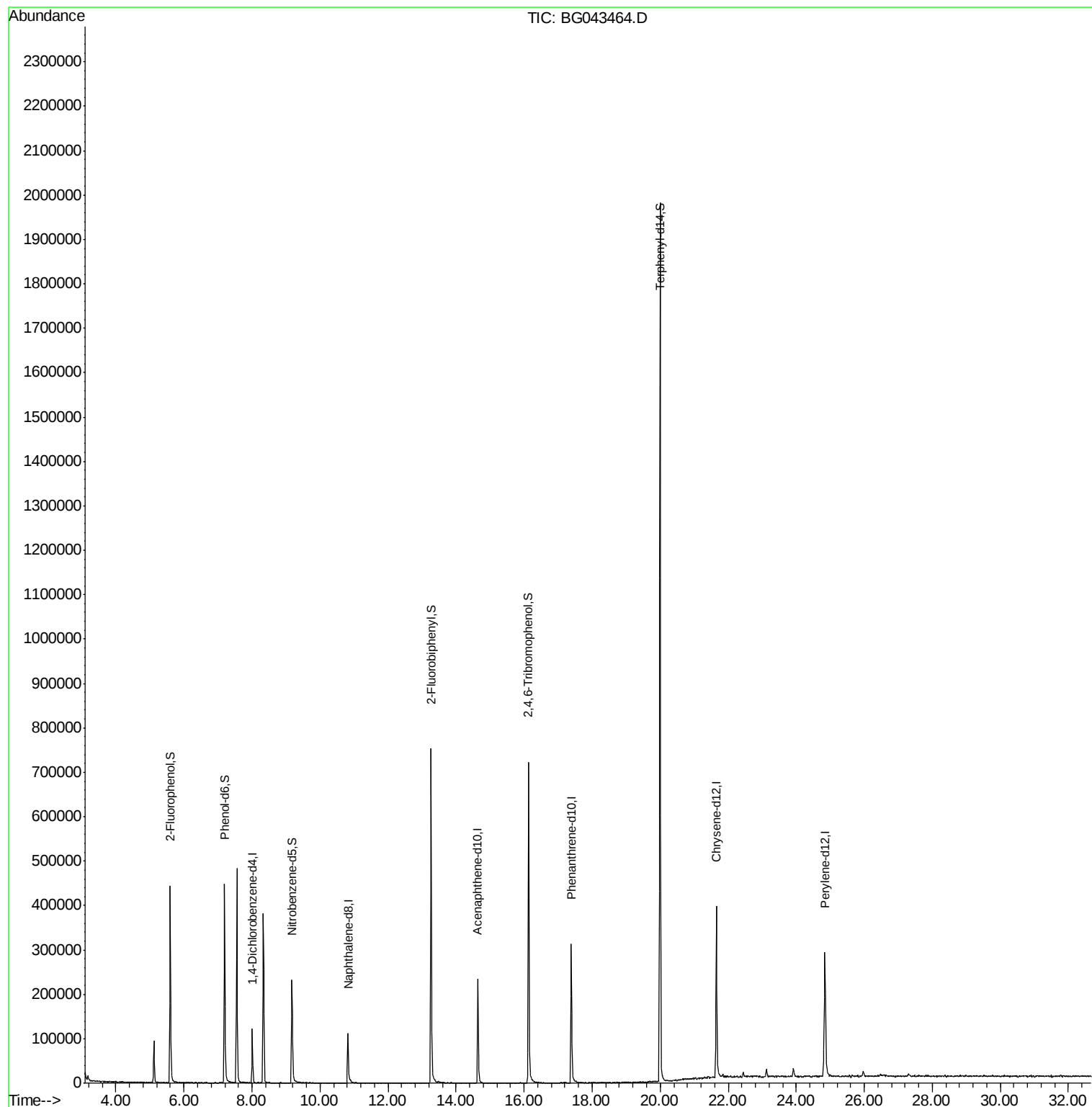
Target Compounds Qvalue

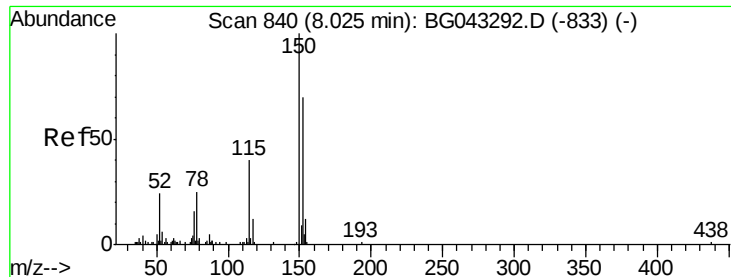
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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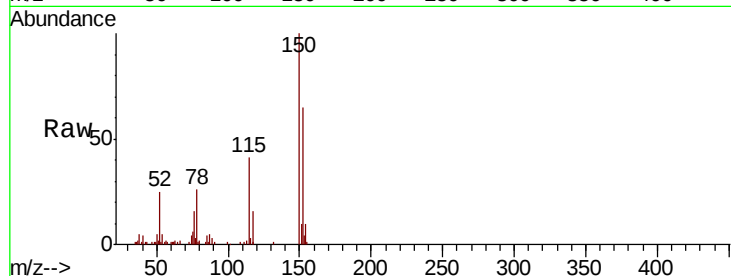


#1

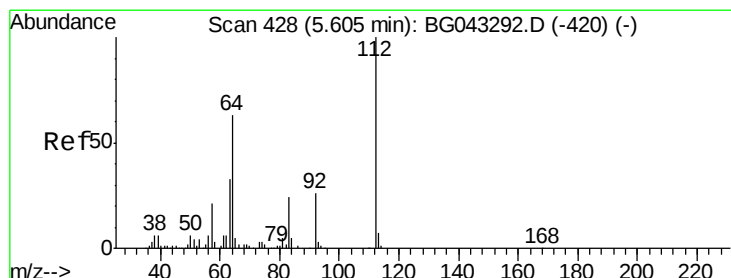
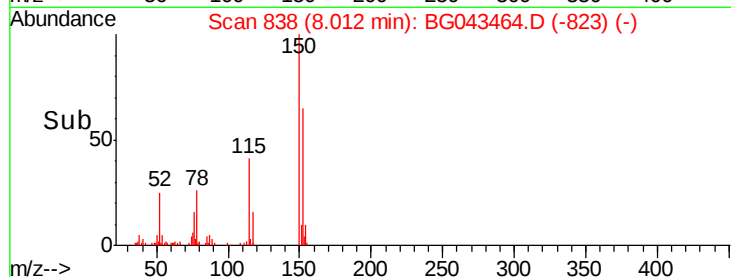
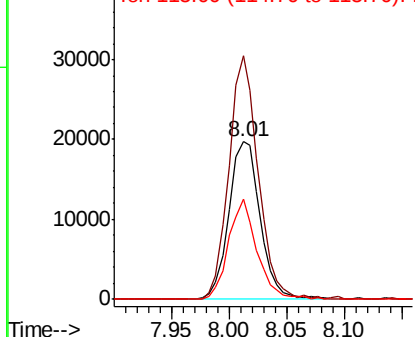
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.01 min
Lab File: BG043464.D
Acq: 1 Nov 2019 14:06

Instrument :
BNA_G
ClientSampleId :
PB124454TB

Tot Ion:152 Resp: 37178
Ion Ratio Lower Upper
152 100
150 154.4 113.6 170.4
115 63.8 45.9 68.9



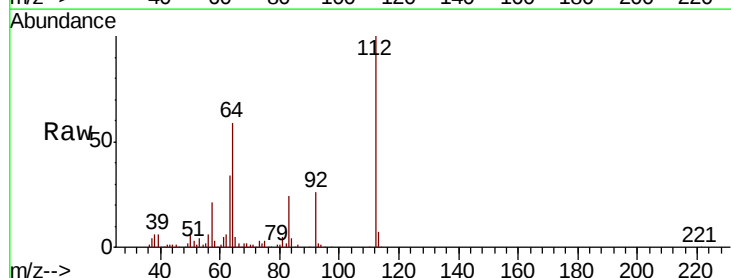
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



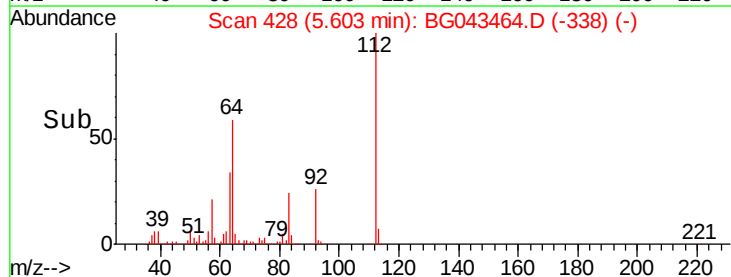
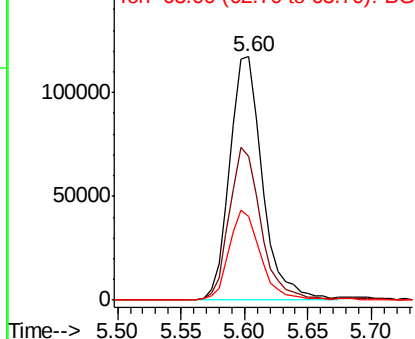
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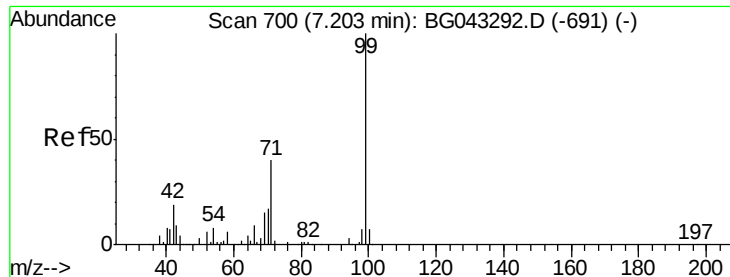
2-Fluorophenol
Concen: 103.773 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG043464.D
Acq: 1 Nov 2019 14:06

Tgt Ion:112 Resp: 210543
Ion Ratio Lower Upper
112 100
64 59.2 50.2 75.2
63 34.2 26.7 40.1



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: 97.601 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG043464.D

Acq: 1 Nov 2019 14:06

Instrument :

BNA_G

ClientSampleId :

PB124454TB

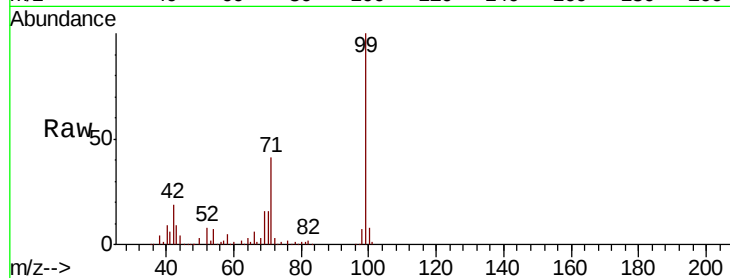
Tot Ion: 99 Resp: 284904

Ion Ratio Lower Upper

99 100

42 19.3 14.9 22.3

71 40.6 32.2 48.2

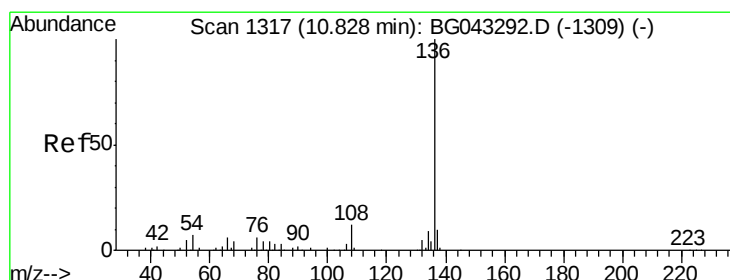
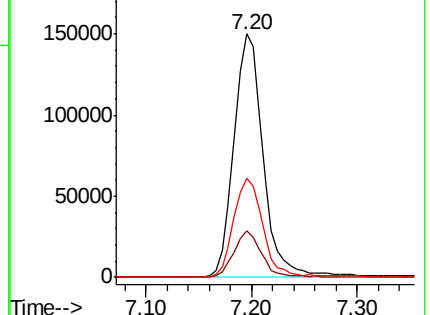
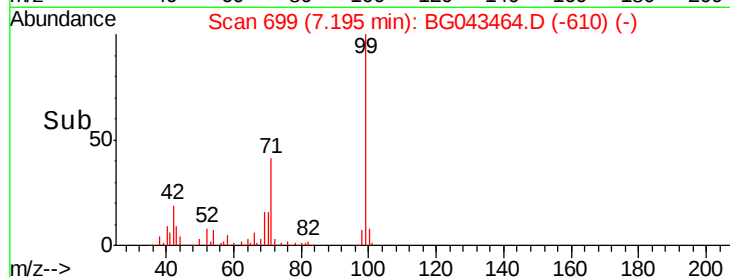


Abundance

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: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG043464.D

Acq: 1 Nov 2019 14:06

Tgt Ion: 136 Resp: 130334

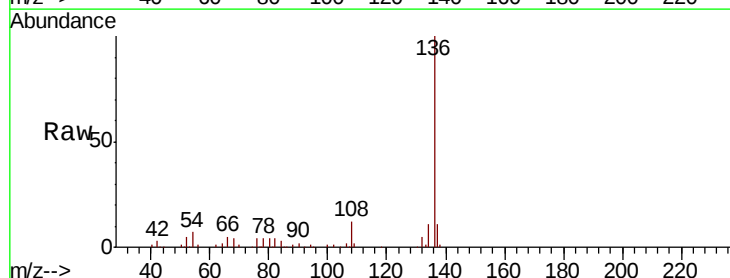
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.2

54 6.6 5.4 8.2

68 4.3 3.3 4.9



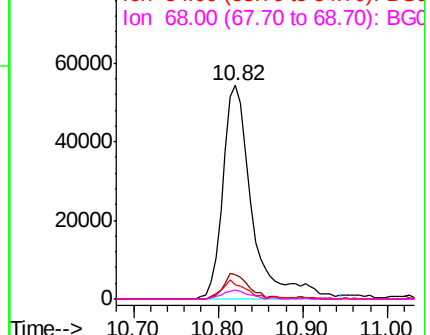
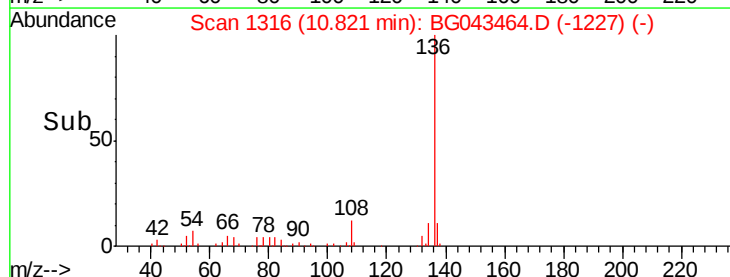
Abundance

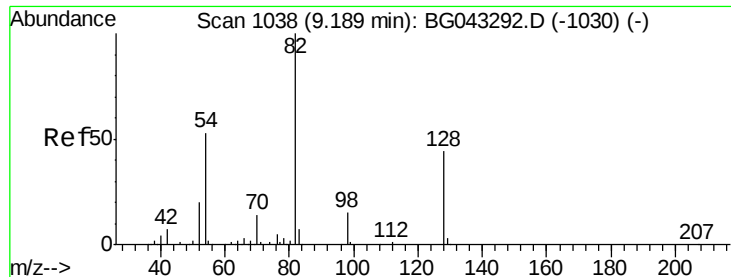
Ion 136.00 (135.70 to 136.70): BGC

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

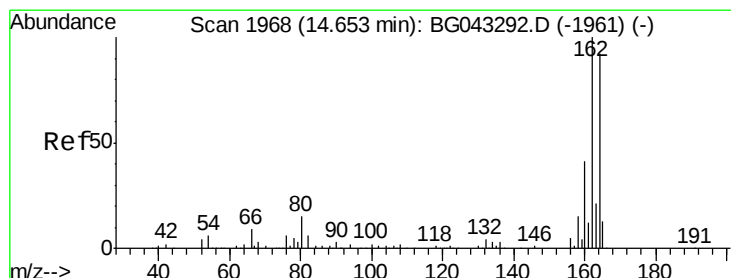
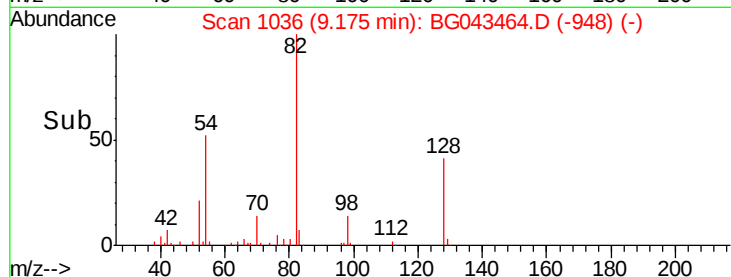
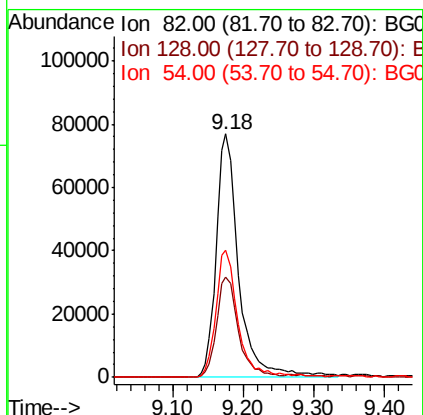
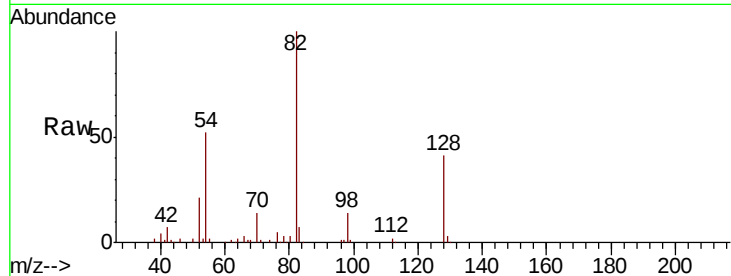




#23
Nitrobenzene-d5
Concen: 67.531 ng
RT: 9.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG043464.D
Acq: 1 Nov 2019 14:06

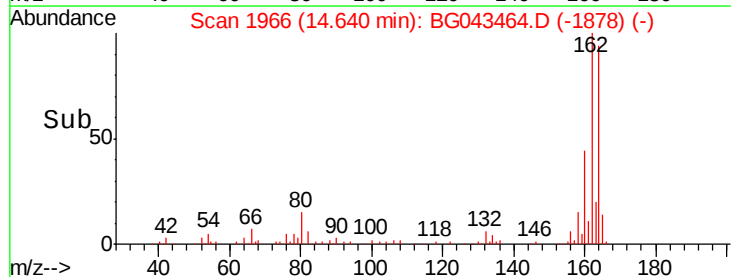
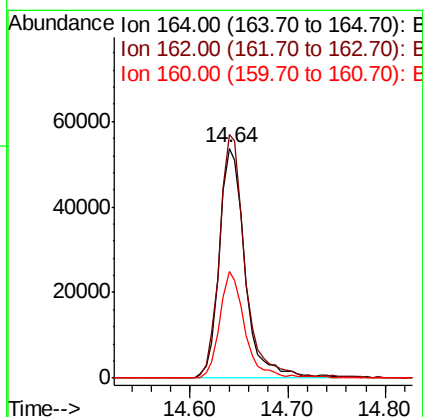
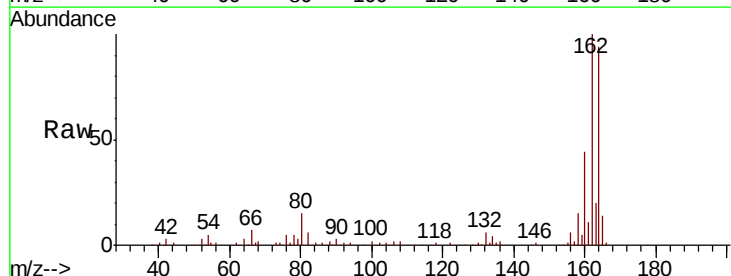
Instrument :
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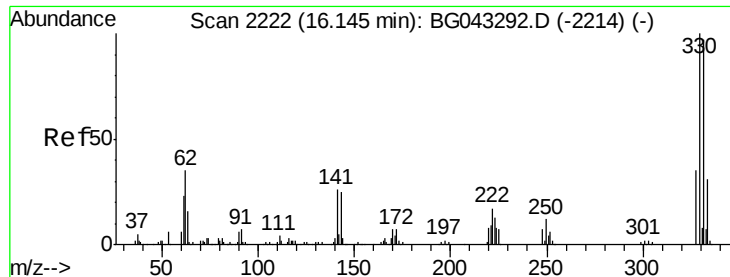
Tot Ion: 82 Resp: 170725
Ion Ratio Lower Upper
82 100
128 41.0 35.3 52.9
54 52.1 42.3 63.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG043464.D
Acq: 1 Nov 2019 14:06

Tgt Ion:164 Resp: 98632
Ion Ratio Lower Upper
164 100
162 106.1 87.0 130.4
160 46.5 35.5 53.3

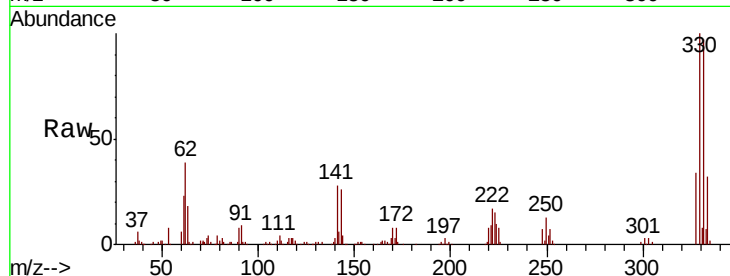




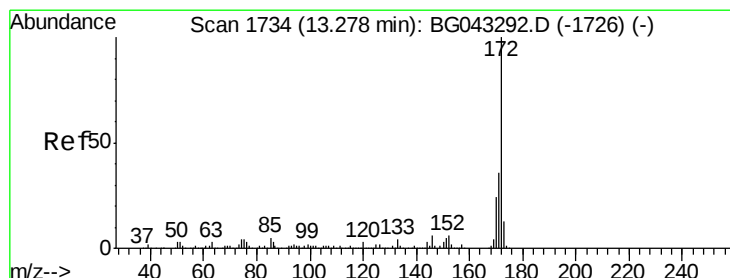
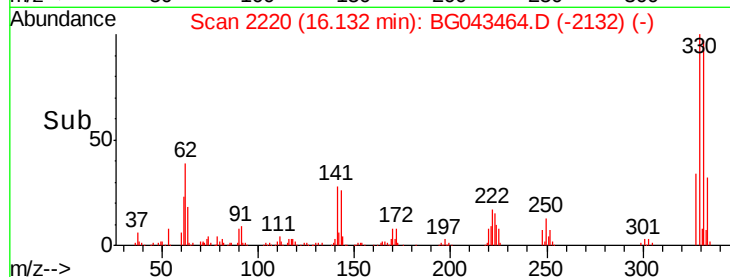
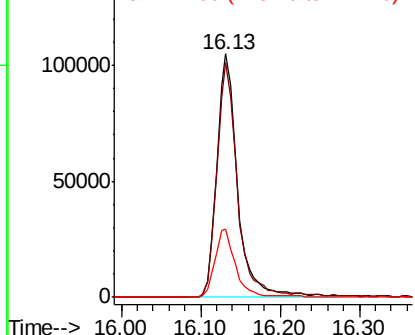
#42
 2,4,6-Tribromophenol
 Concen: 101.473 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG043464.D
 Acq: 1 Nov 2019 14:06

Instrument :
 BNA_G
 ClientSampleId :
 PB124454TB

Tot Ion:330 Resp: 190461
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.4 114.6
 141 27.5 21.4 32.0

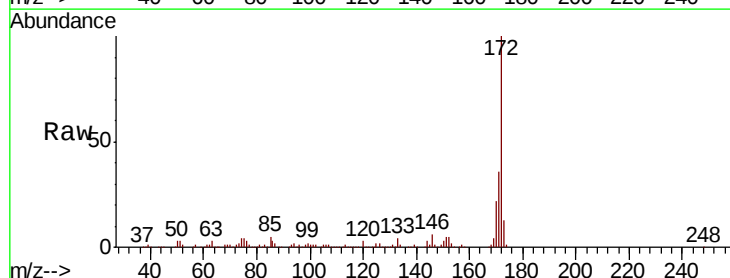


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

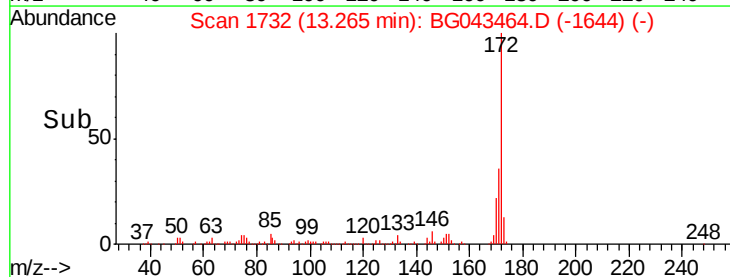
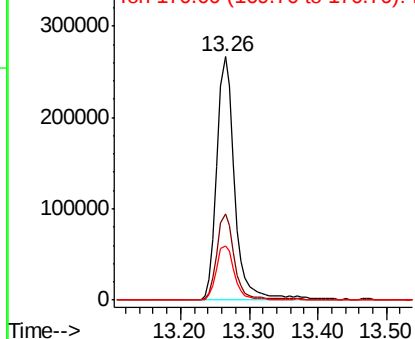


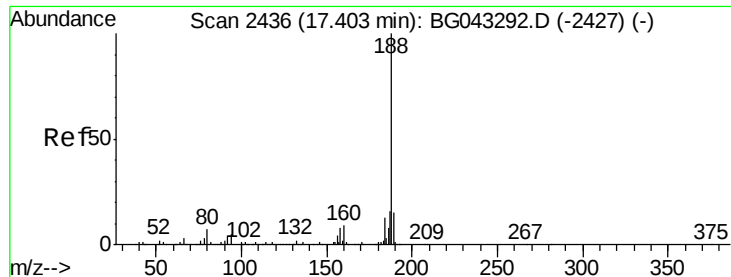
#45
 2-Fluorobiphenyl
 Concen: 67.817 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG043464.D
 Acq: 1 Nov 2019 14:06

Tgt Ion:172 Resp: 484073
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 22.3 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

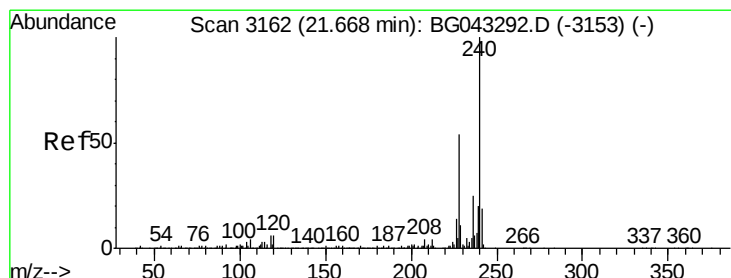
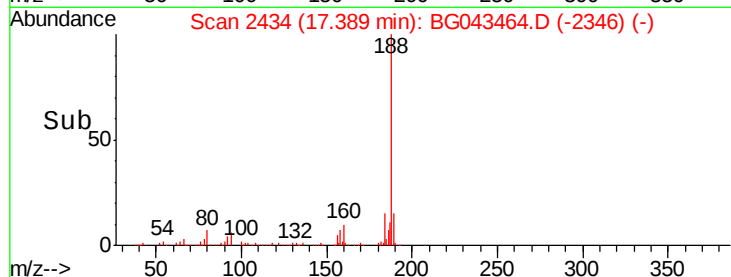
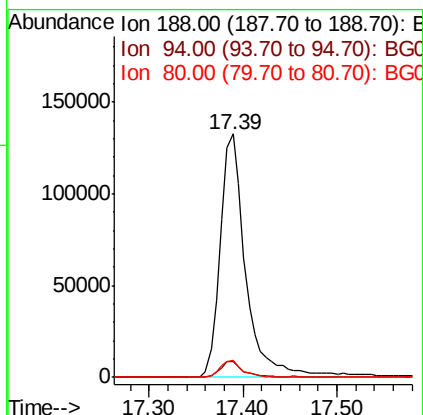
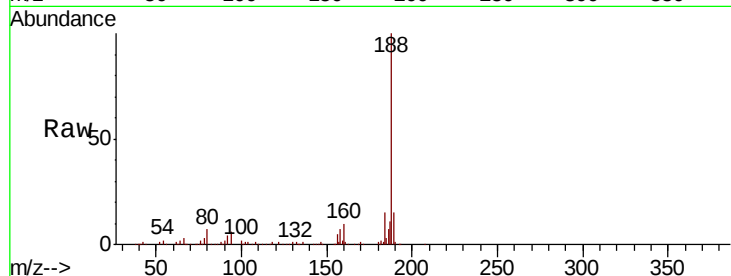




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043464.D
Acq: 1 Nov 2019 14:06

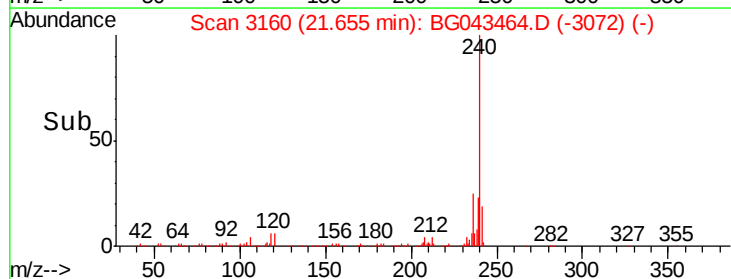
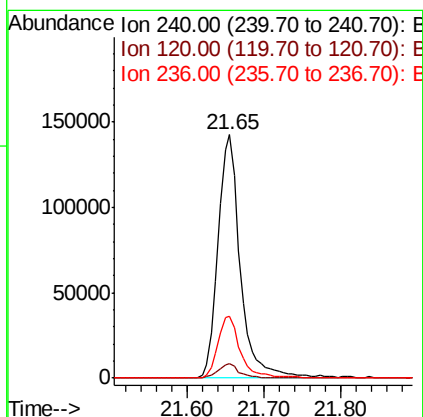
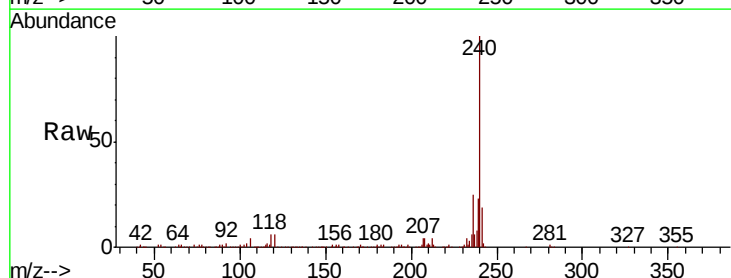
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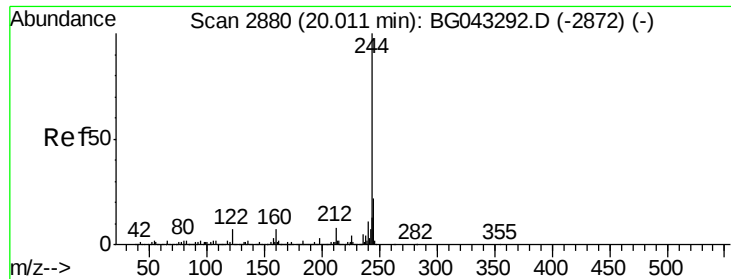
Tot Ion:188 Resp: 250770
Ion Ratio Lower Upper
188 100
94 6.3 4.2 6.2#
80 7.2 5.2 7.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG043464.D
Acq: 1 Nov 2019 14:06

Tgt Ion:240 Resp: 285340
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.4 20.2 30.4





#79

Terphenyl-d14

Concen: 73.756 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043464.D

Acq: 1 Nov 2019 14:06

Instrument :

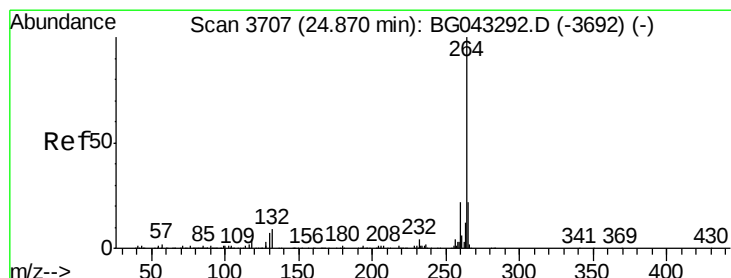
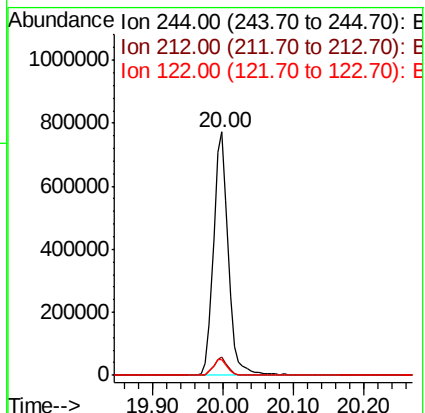
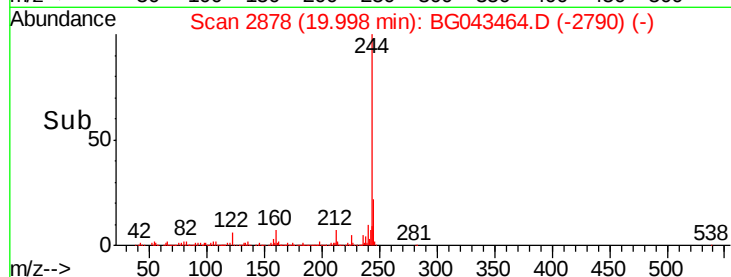
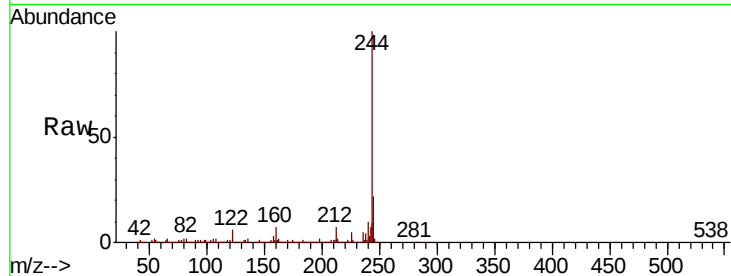
BNA_G

ClientSampleId :

PB124454TB

Tot Ion:244 Resp: 1121799

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	6.4	5.3	7.9



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3703

Delta R.T. -0.03 min

Lab File: BG043464.D

Acq: 1 Nov 2019 14:06

Tgt Ion:264 Resp: 335158

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.9	26.9
265	19.3	17.4	26.2

