

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043228.D
 Acq On : 15 Oct 2019 21:05
 Operator : JU
 Sample : K5339-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 01:18:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

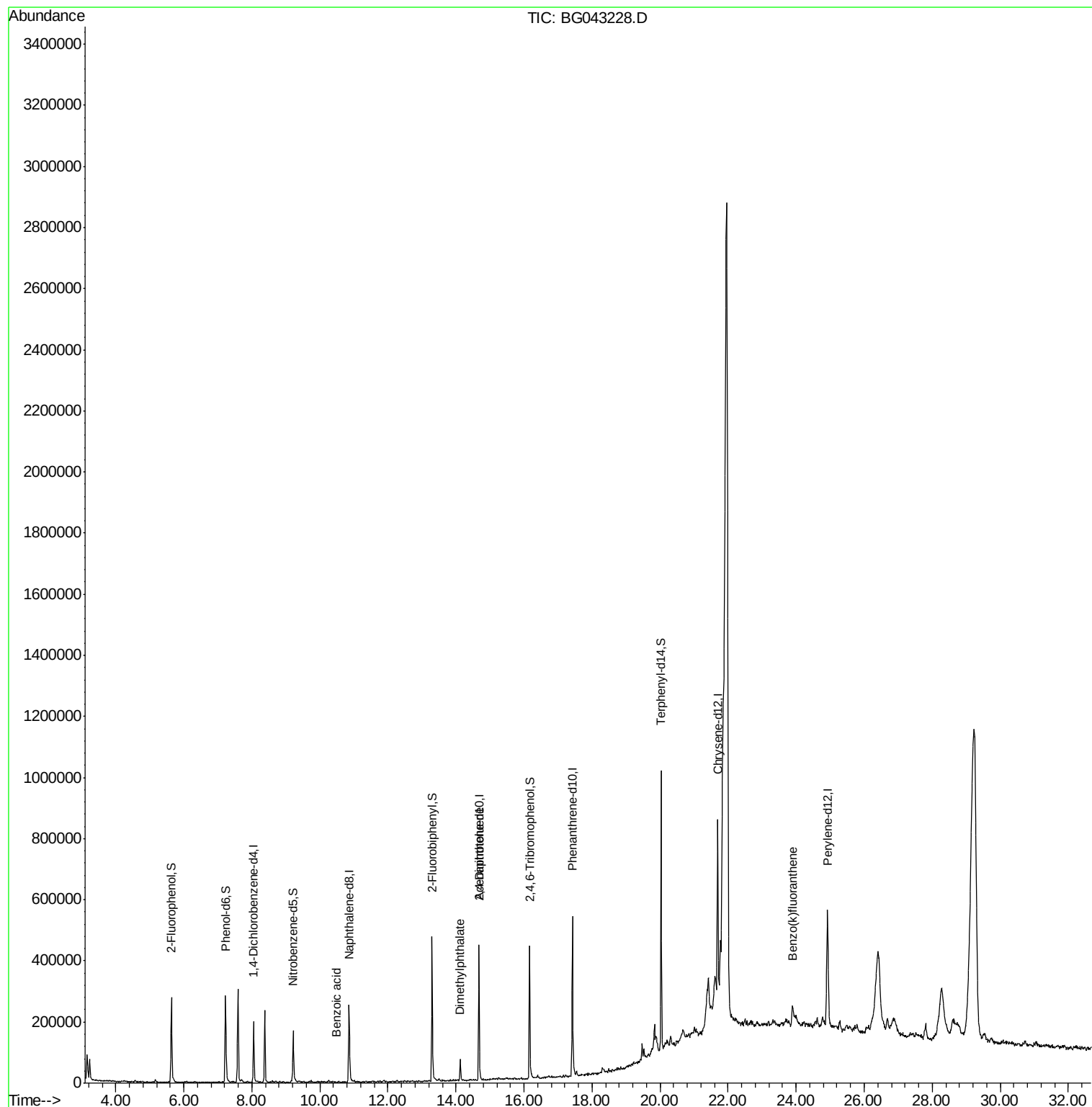
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61741	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	241950	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	168361	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	367143	20.00	ng	0.00
76) Chrysene-d12	21.69	240	391730	20.00	ng	0.00
87) Perylene-d12	24.92	264	478136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	133640	38.63	ng	0.00
7) Phenol-d6	7.22	99	194988	39.14	ng	0.00
23) Nitrobenzene-d5	9.21	82	117421	23.59	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	110806	38.27	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	290672	25.03	ng	0.00
79) Terphenyl-d14	20.03	244	504862	27.46	ng	0.00
Target Compounds						
32) Benzoic acid	10.49	122	60	2.825	ng	Qvalue # 33
50) Dimethylphthalate	14.12	163	50263	3.984	ng	98
57) 2,4-Dinitrotoluene	14.67	165	21660	5.506	ng	# 26
89) Benzo(k)fluoranthene	23.90	252	53674	2.005	ng	# 86

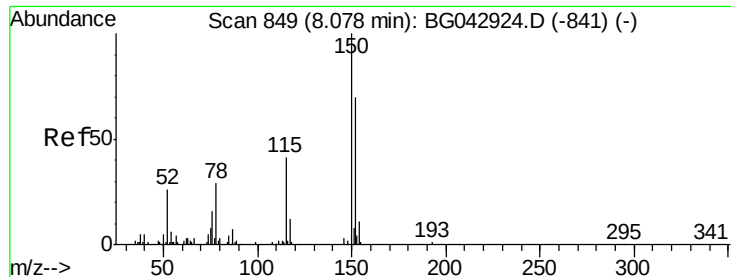
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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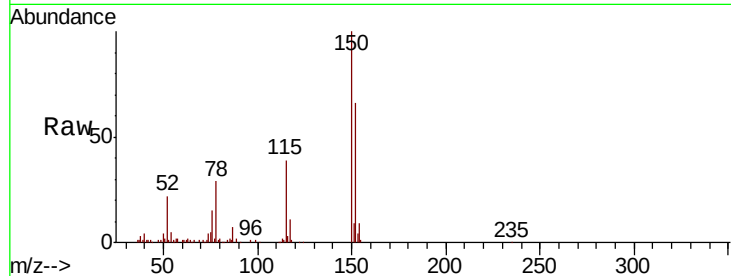


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG043228.D
Acq: 15 Oct 2019 21:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	115.0	172.4
115	60.0	47.0	70.6

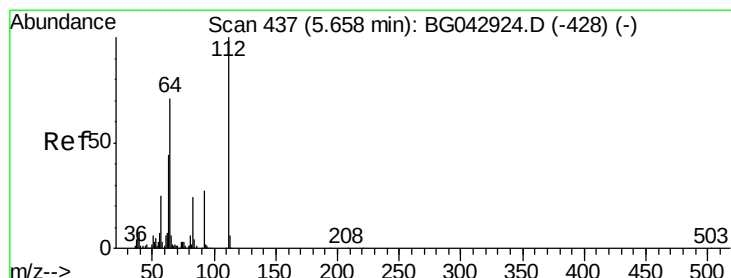
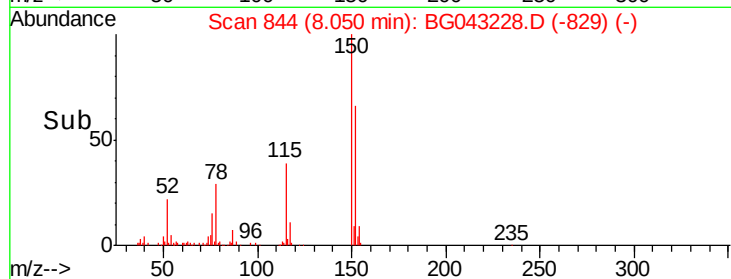
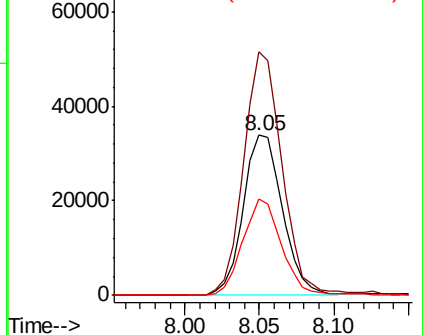


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

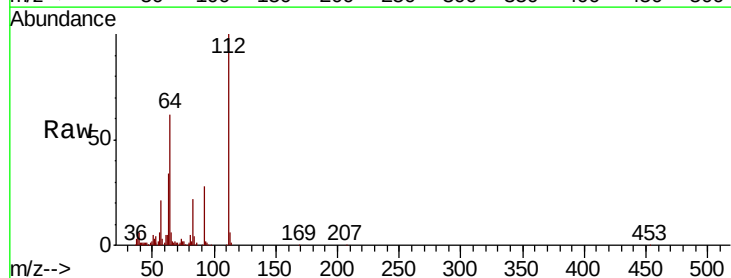
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.629 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.00 min
Lab File: BG043228.D
Acq: 15 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	56.6	84.8
63	33.7	35.1	52.7

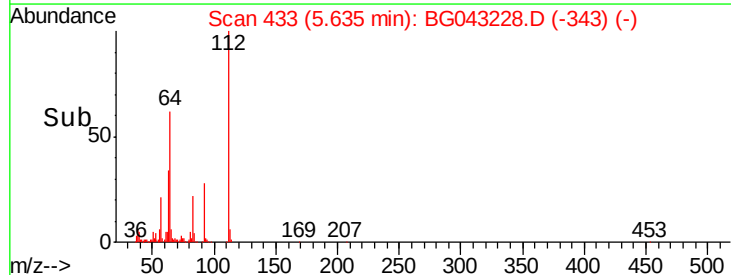
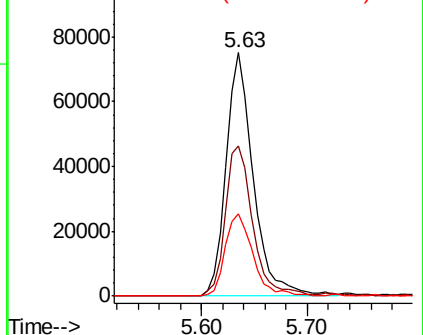


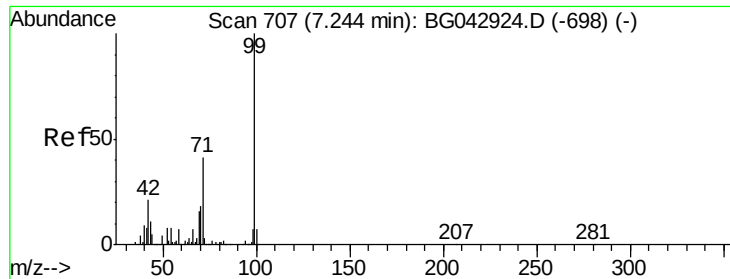
Abundance

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





#7

Phenol-d6

Concen: 39.138 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG043228.D

Acq: 15 Oct 2019 21:05

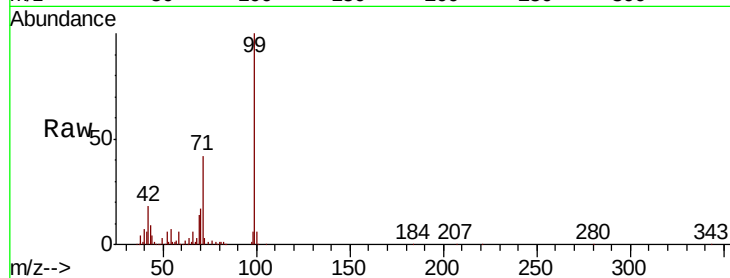
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 194988

Ion	Ratio	Lower	Upper
99	100		
42	18.0	17.2	25.8
71	42.1	33.1	49.7

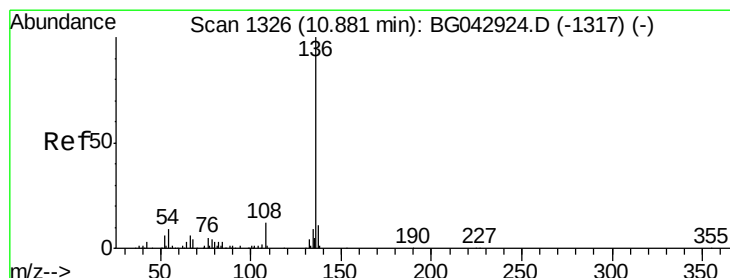
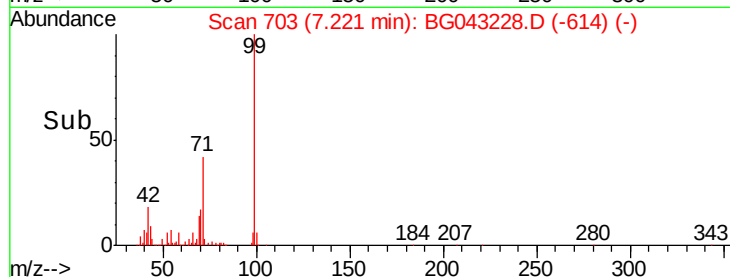
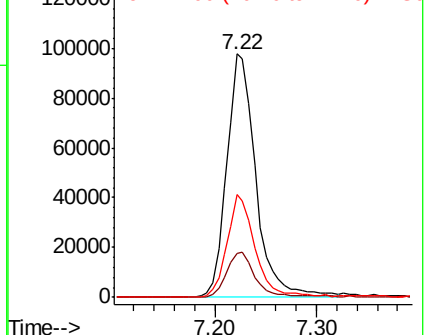


Abundance

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: 10.86 min Scan# 1322

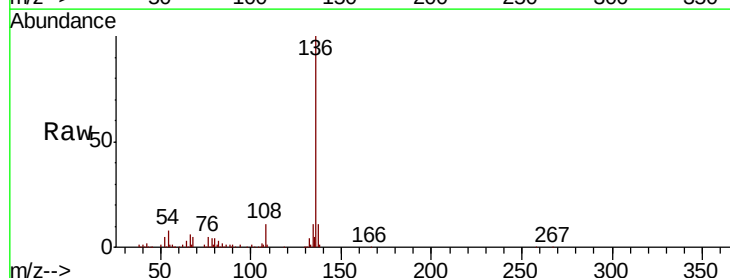
Delta R.T. -0.00 min

Lab File: BG043228.D

Acq: 15 Oct 2019 21:05

Tgt Ion: 136 Resp: 241950

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	8.3	7.4	11.2
68	4.9	3.6	5.4



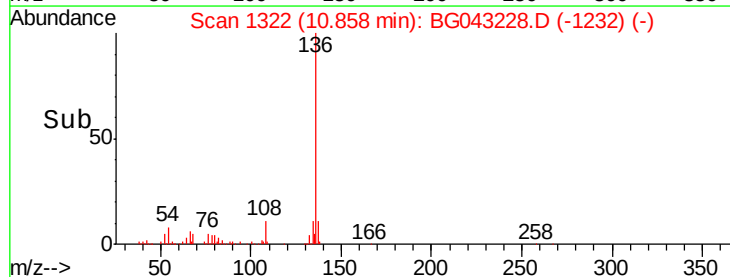
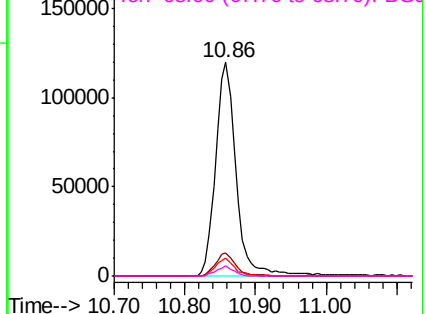
Abundance

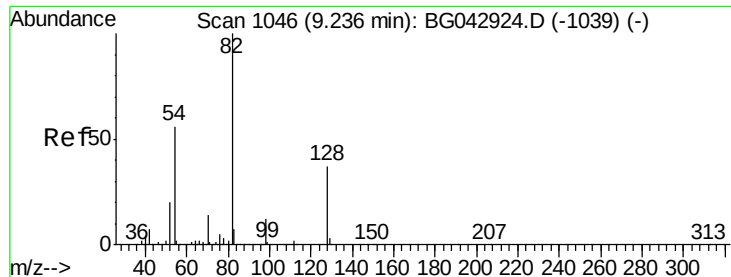
Ion 136.00 (135.70 to 136.70): BGC

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

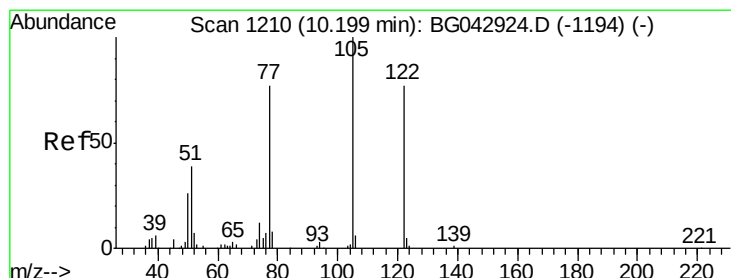
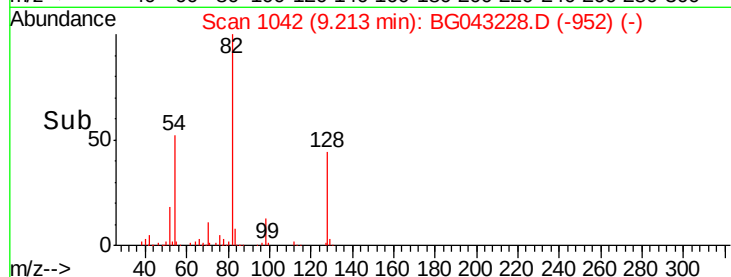
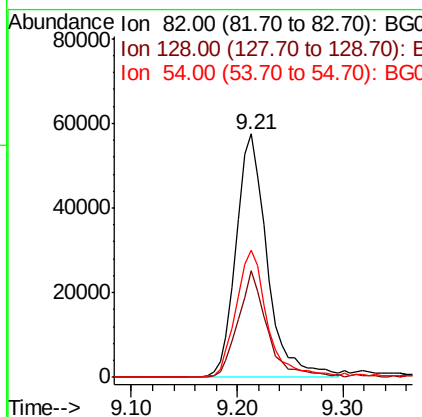
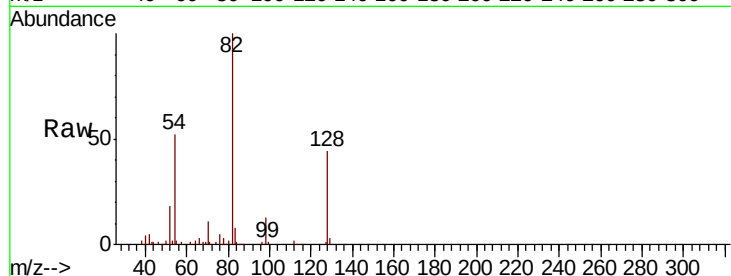




#23
 Nitrobenzene-d5
 Concen: 23.589 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG043228.D
 Acq: 15 Oct 2019 21:05

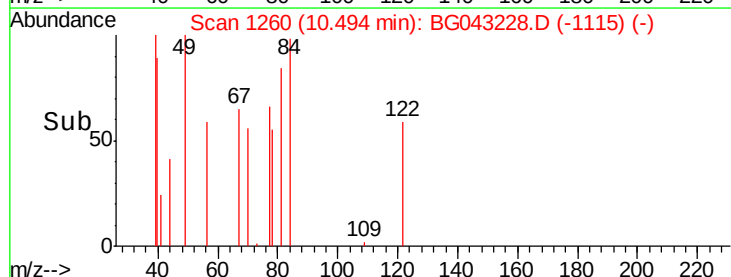
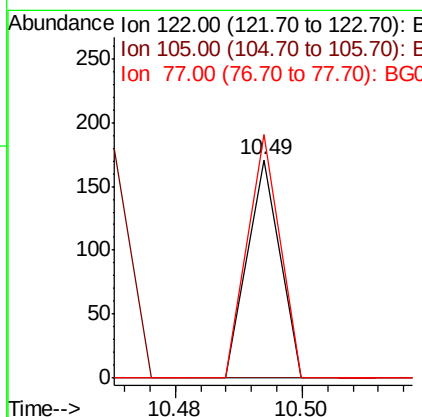
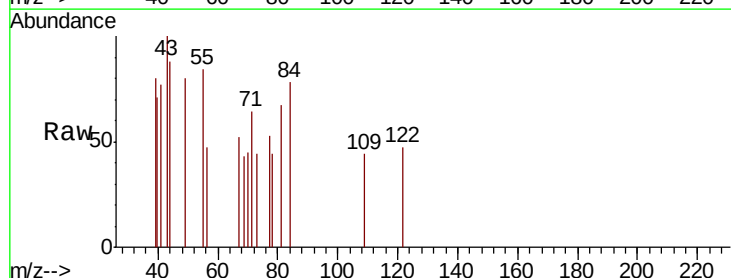
Instrument :
 BNA_G
 ClientSampleId :

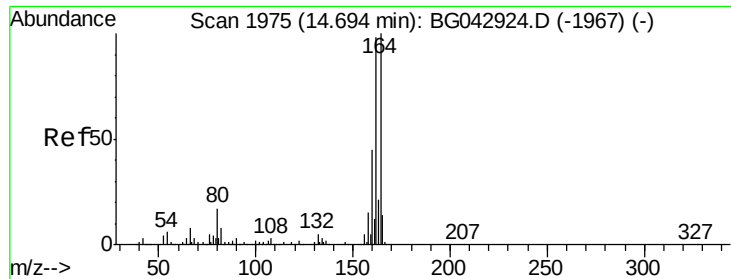
Tot Ion	82	Resp	117421
Ion Ratio	Lower	Upper	
82	100		
128	43.8	29.5	44.3
54	52.0	44.6	67.0



#32
 Benzoic acid
 Concen: 2.825 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.32 min
 Lab File: BG043228.D
 Acq: 15 Oct 2019 21:05

Tgt Ion	122	Resp	60
Ion Ratio	Lower	Upper	
122	100		
105	0.0	107.5	147.5#
77	111.7	79.8	119.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG043228.D

Acq: 15 Oct 2019 21:05

Instrument :

BNA_G

ClientSampleId :

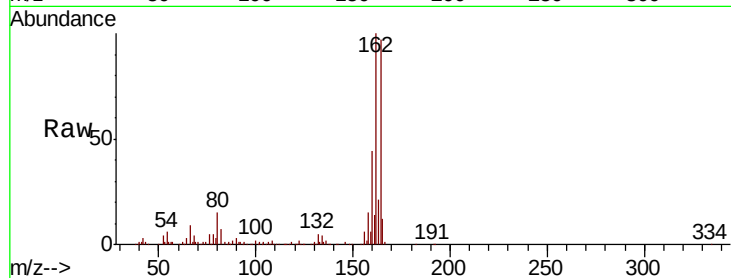
Tot Ion:164 Resp: 168361

Ion Ratio Lower Upper

164 100

162 103.5 78.5 117.7

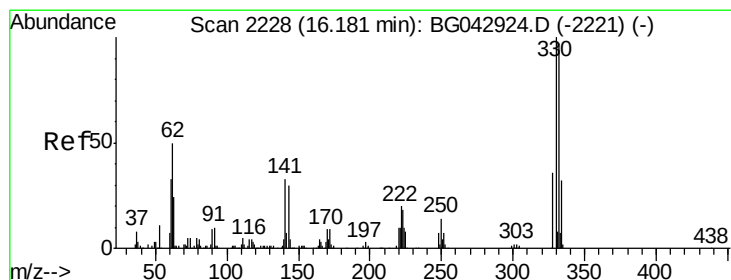
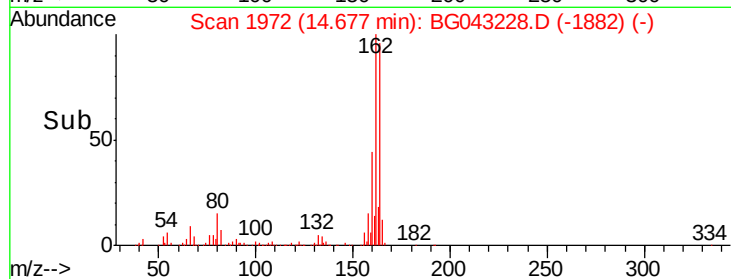
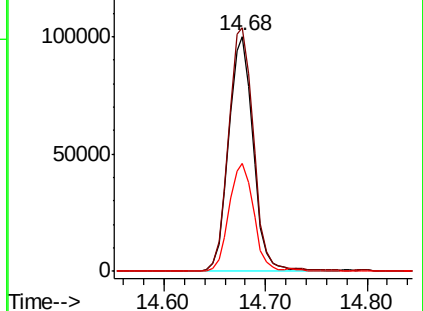
160 45.8 35.9 53.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 38.274 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG043228.D

Acq: 15 Oct 2019 21:05

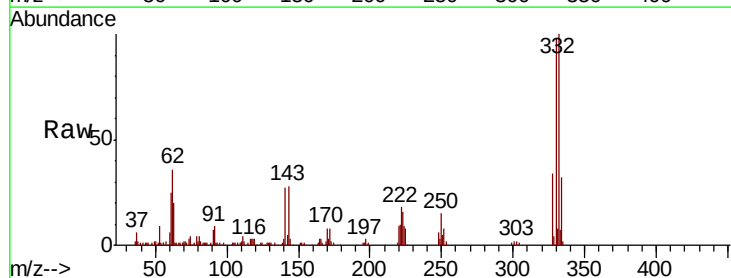
Tgt Ion:330 Resp: 110806

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.2

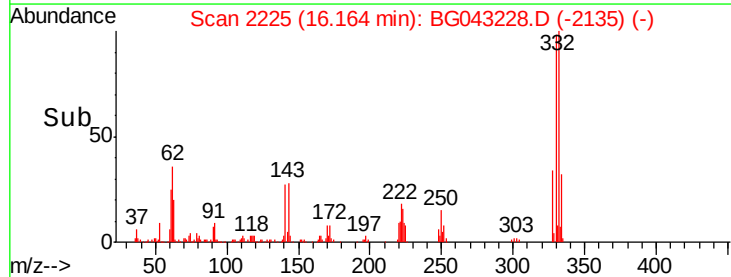
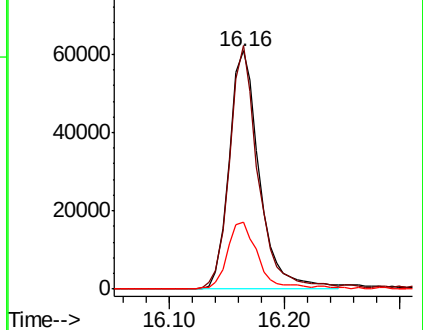
141 28.2 26.0 39.0

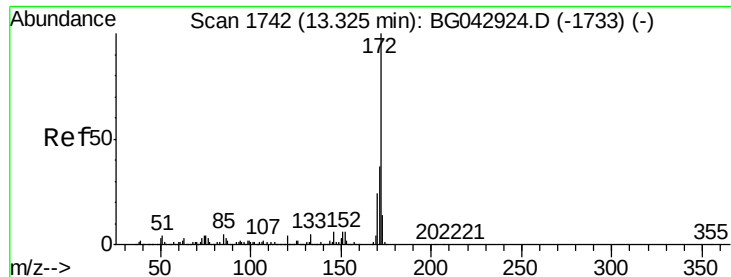


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

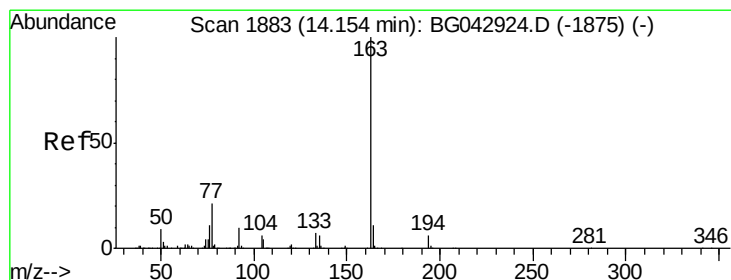
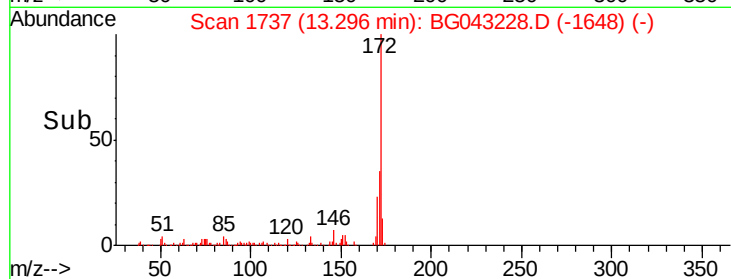
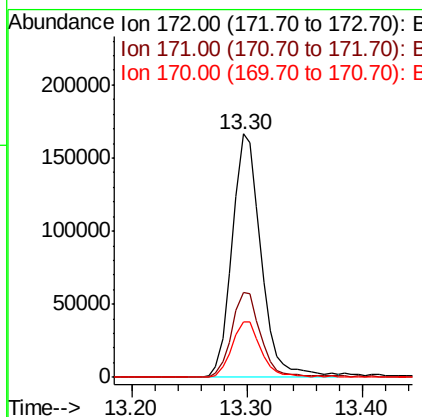
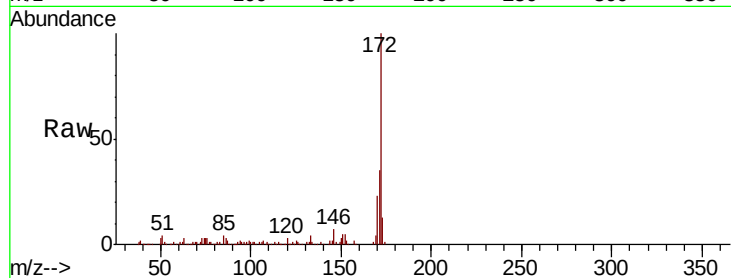




#45
2-Fluorobiphenyl
Concen: 25.029 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG043228.D
Acq: 15 Oct 2019 21:05

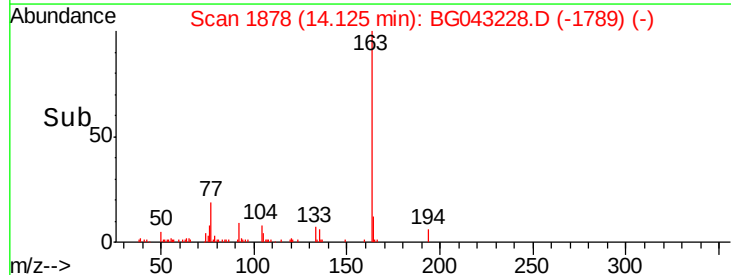
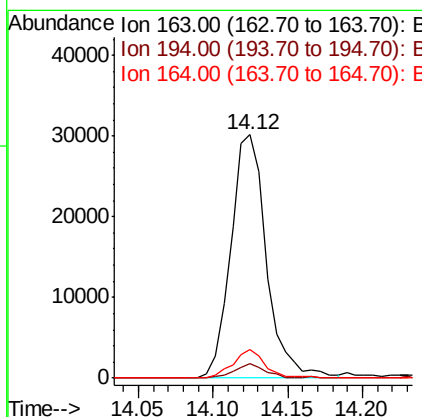
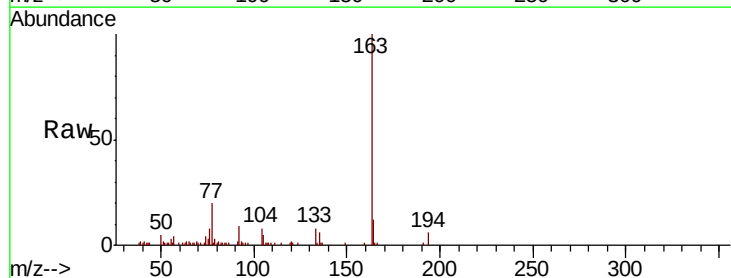
Instrument :
BNA_G
ClientSampleId :

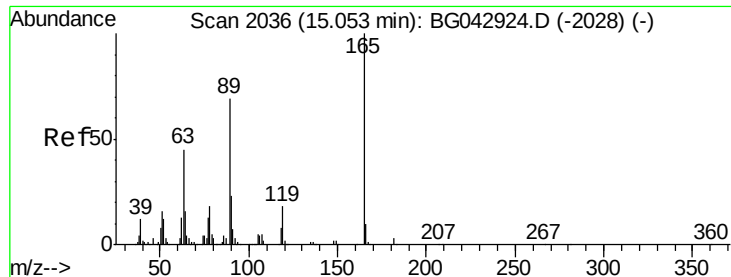
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	22.6	19.6	29.4



#50
Dimethylphthalate
Concen: 3.984 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043228.D
Acq: 15 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.9	4.4	6.6
164	11.7	8.6	12.8

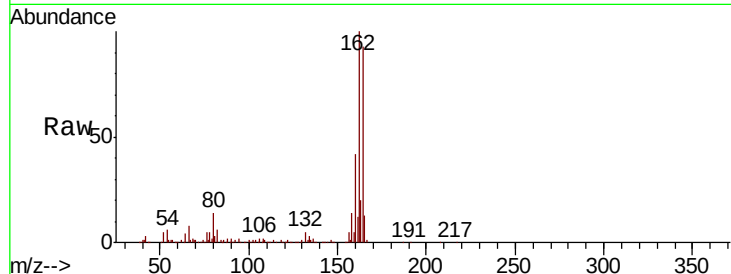




#57
 2,4-Dinitrotoluene
 Concen: 5.506 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.36 min
 Lab File: BG043228.D
 Acq: 15 Oct 2019 21:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	36.5	54.7#
89	1.5	55.5	83.3#
182	0.0	2.4	3.6#



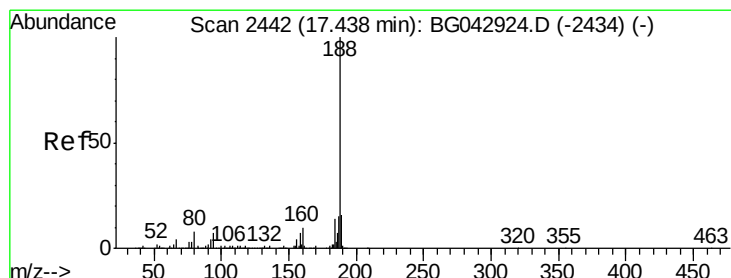
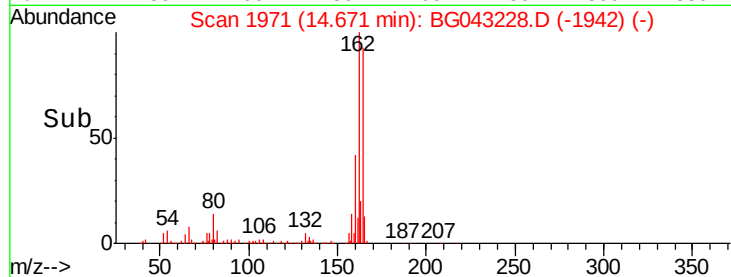
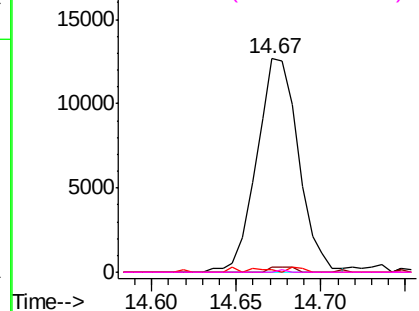
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

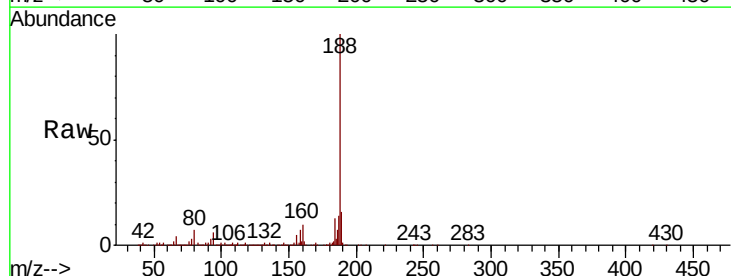
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. 0.00 min
 Lab File: BG043228.D
 Acq: 15 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	6.5	6.5	9.7

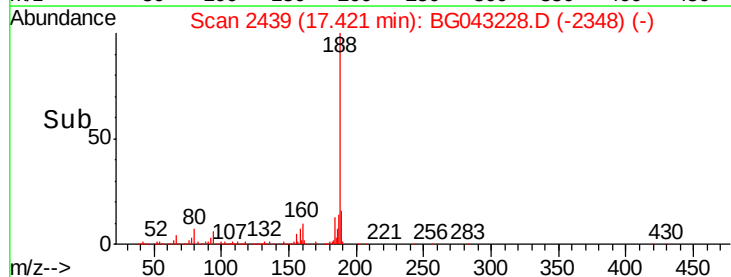
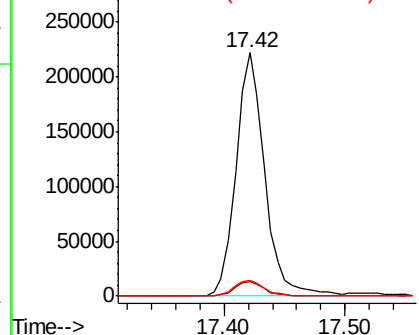


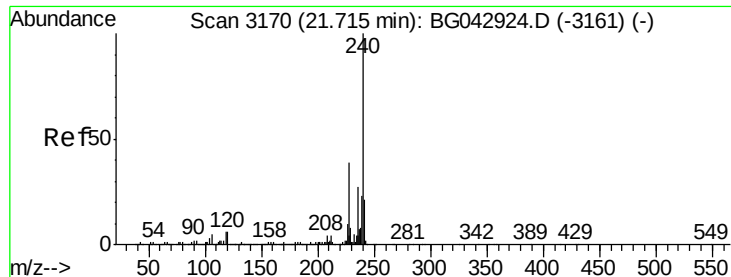
Abundance

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: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG043228.D

Acq: 15 Oct 2019 21:05

Instrument :

BNA_G

ClientSampled :

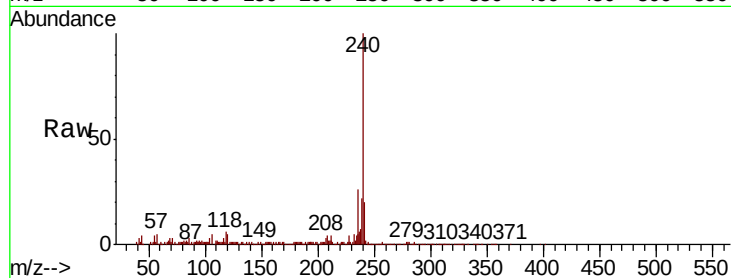
Tot Ion:240 Resp: 391730

Ion Ratio Lower Upper

240 100

120 5.3 4.8 7.2

236 26.5 21.4 32.0

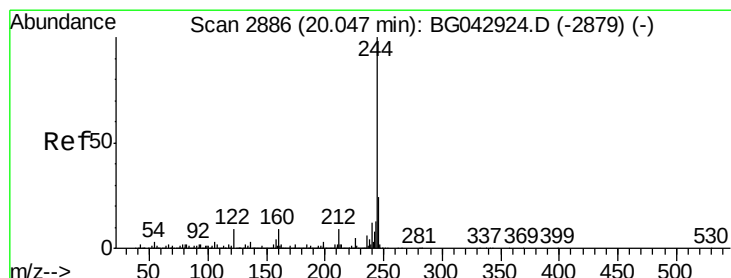
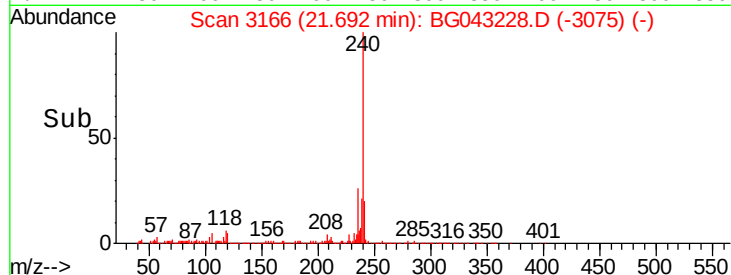
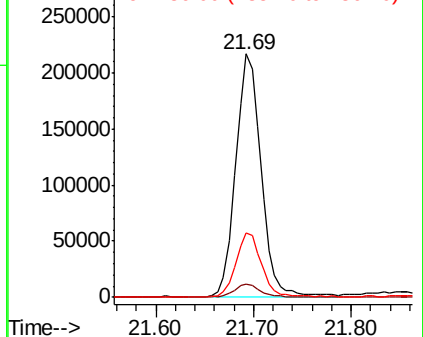


Abundance

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: 27.463 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG043228.D

Acq: 15 Oct 2019 21:05

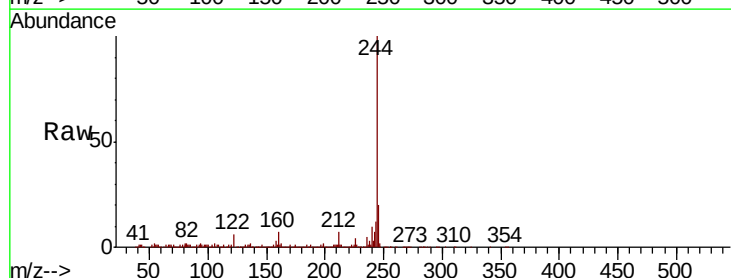
Tgt Ion:244 Resp: 504862

Ion Ratio Lower Upper

244 100

212 6.9 7.4 11.0#

122 6.1 7.0 10.4#

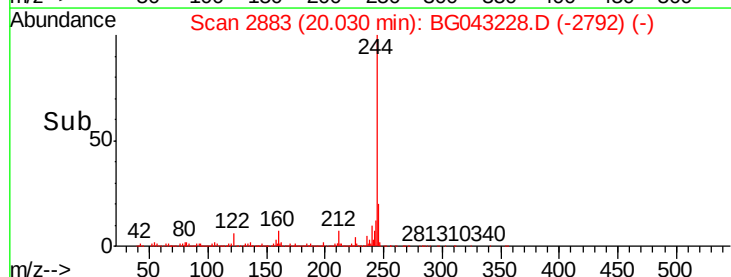
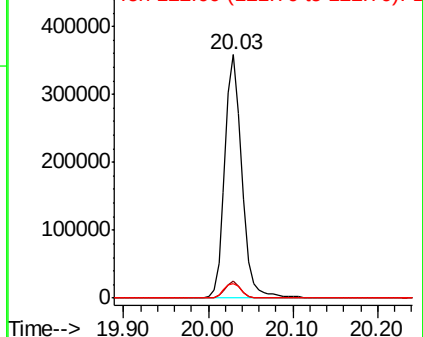


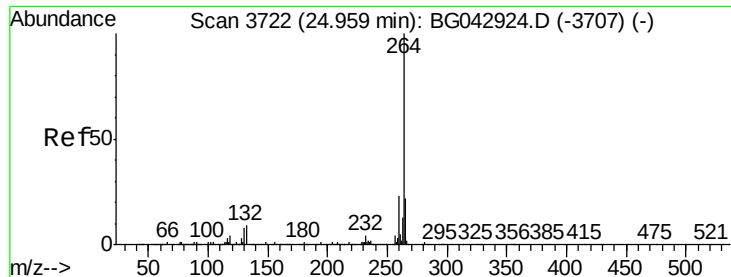
Abundance

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

Pervlene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3715

Delta R.T. 0.01 min

Lab File: BG043228.D

Acq: 15 Oct 2019 21:05

Instrument :

BNA_G

ClientSampleId :

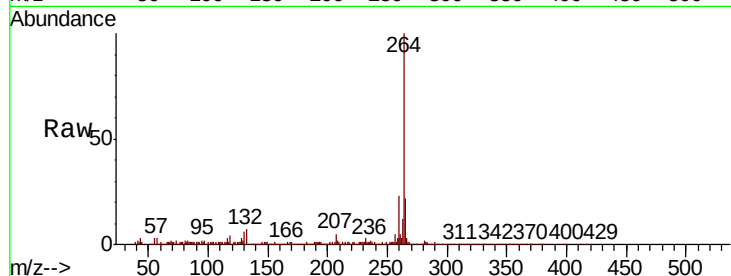
Tot Ion:264 Resp: 478136

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.3	17.7	26.5

264 100

260 23.0 18.7 28.1

265 22.3 17.7 26.5

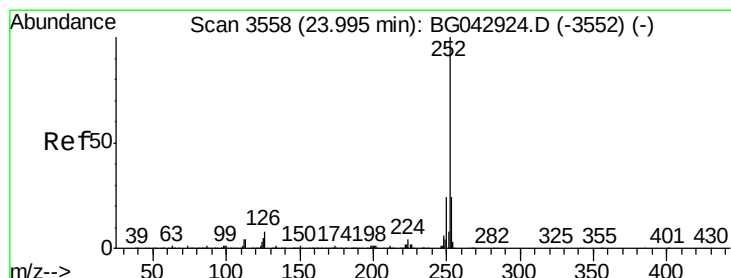
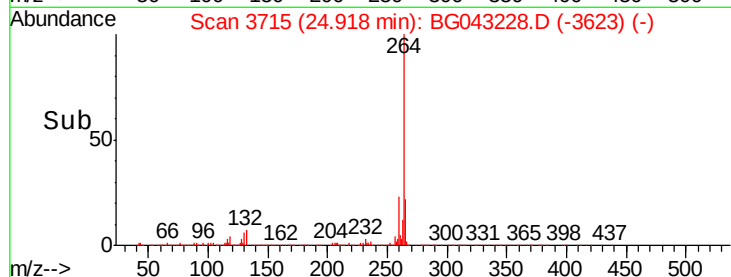
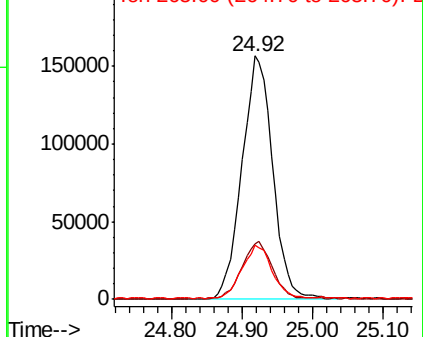


Abundance

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



#89

Benzo(k)fluoranthene

Concen: 2.005 ng

RT: 23.90 min Scan# 3541

Delta R.T. -0.06 min

Lab File: BG043228.D

Acq: 15 Oct 2019 21:05

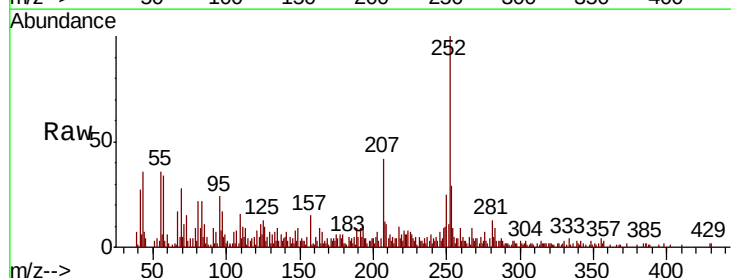
Tgt Ion:252 Resp: 53674

Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.9	28.3#
125	12.9	4.5	6.7#

252 100

253 29.2 18.9 28.3#

125 12.9 4.5 6.7#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

