

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043032.D
 Acq On : 4 Oct 2019 17:39
 Operator : JU
 Sample : PB123594BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BL

Quant Time: Oct 05 06:20:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

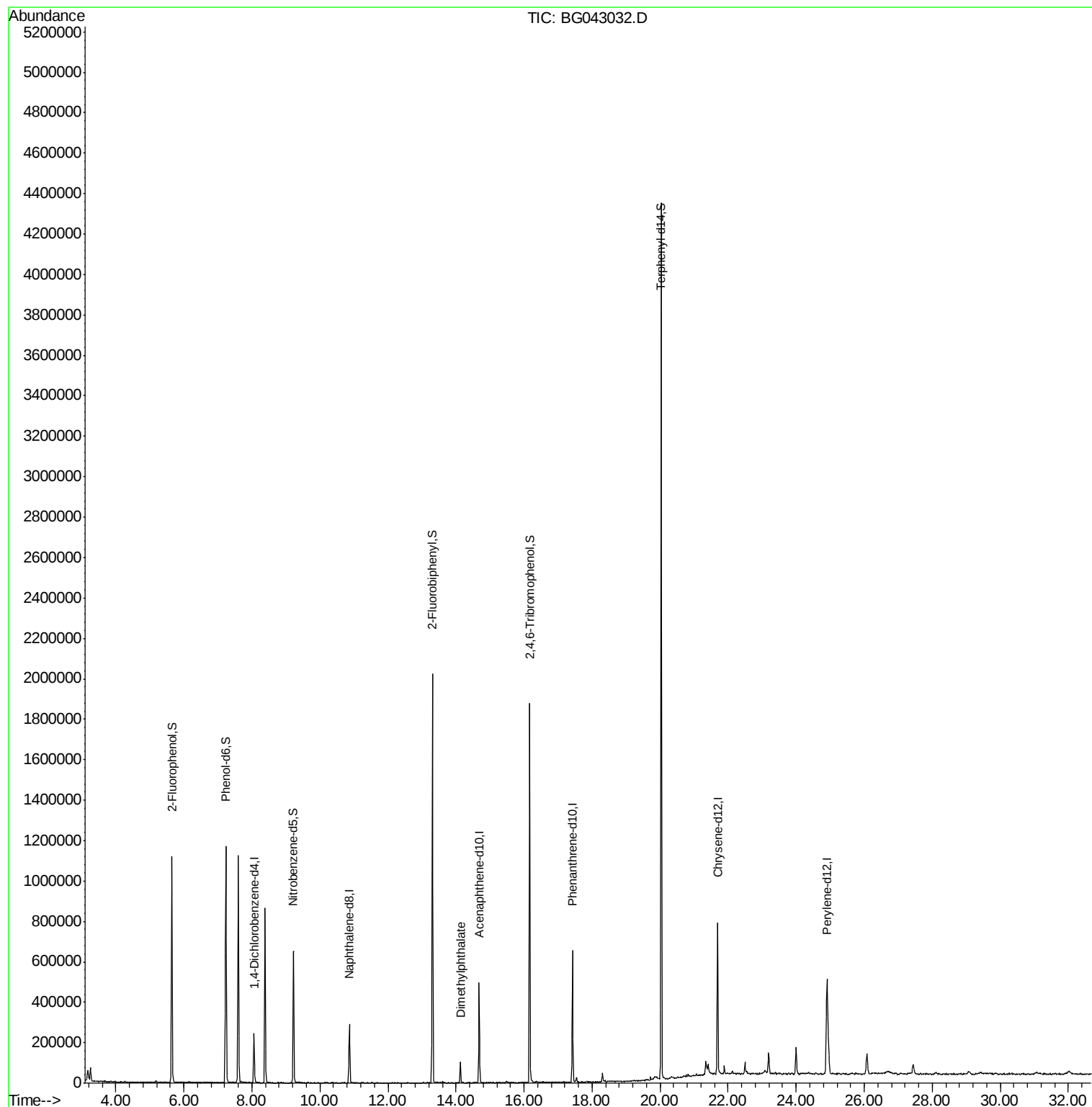
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	70735	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	254766	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	177237	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	423441	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	467365	20.00	ng	-0.02
87) Perylene-d12	24.91	264	544001	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	472867	119.30	ng	-0.01
7) Phenol-d6	7.23	99	676307	118.49	ng	-0.01
23) Nitrobenzene-d5	9.22	82	419138	79.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	415368	136.29	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1075708	87.99	ng	-0.02
79) Terphenyl-d14	20.04	244	2082048	94.93	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.13	163	73573	5.540	ng	Qvalue 98

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

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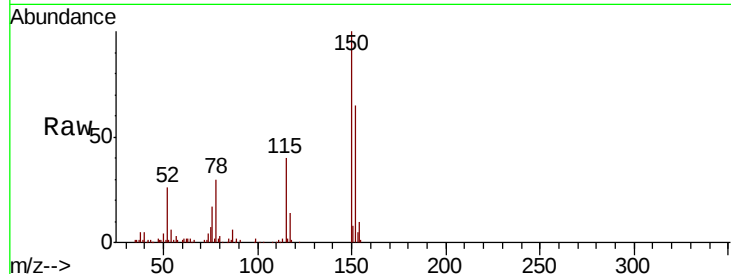


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043032.D
Acq: 4 Oct 2019 17:39

Instrument :
BNA_G
ClientSampleId :
PB123594BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	115.0	172.4
115	61.2	47.0	70.6

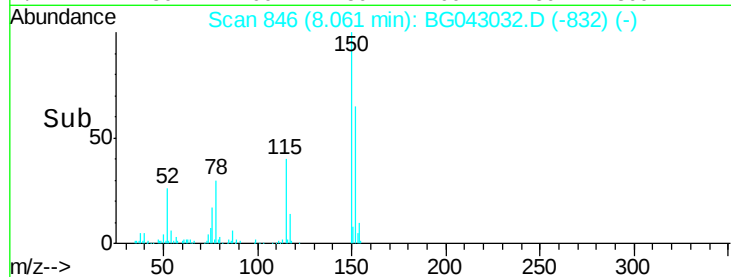
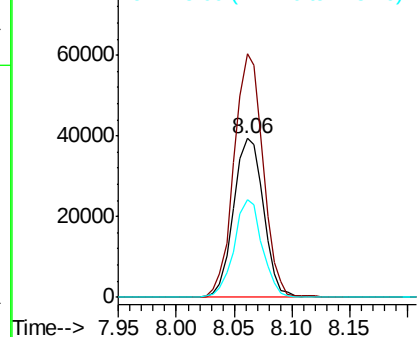


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

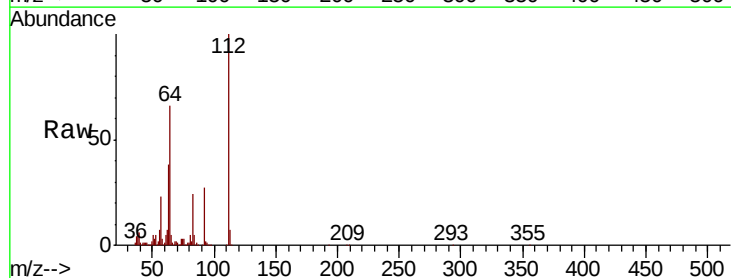
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.303 ng
RT: 5.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG043032.D
Acq: 4 Oct 2019 17:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	56.6	84.8
63	38.4	35.1	52.7

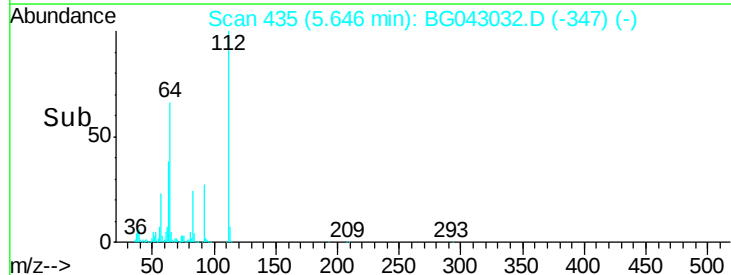
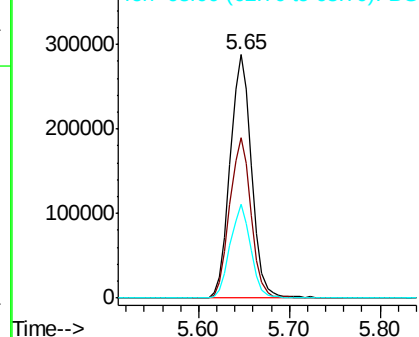


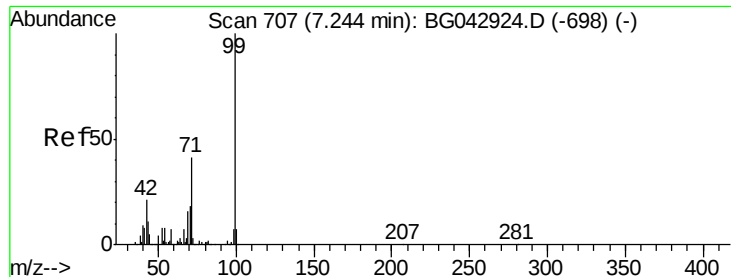
Abundance

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: 118.488 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043032.D

Acq: 4 Oct 2019 17:39

Instrument :

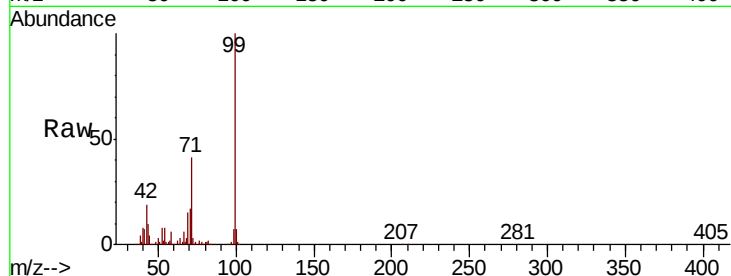
BNA_G

ClientSampleId :

PB123594BL

Tot Ion: 99 Resp: 676307

Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.2	25.8
71	41.4	33.1	49.7

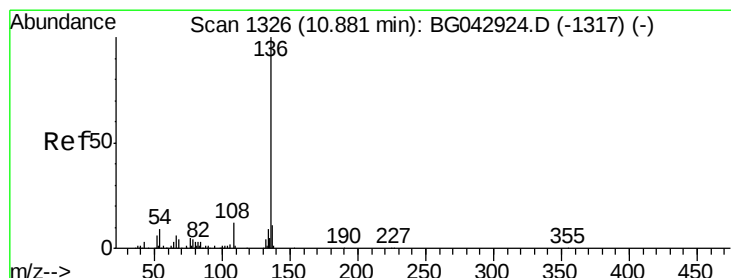
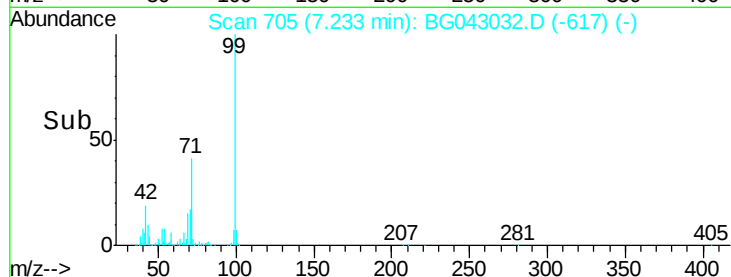
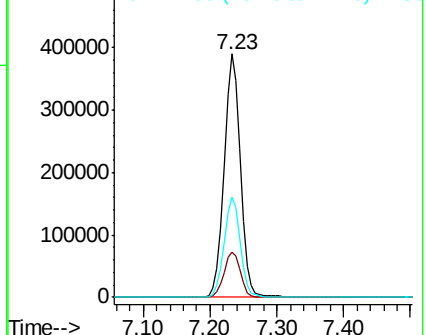


Abundance

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# 1323

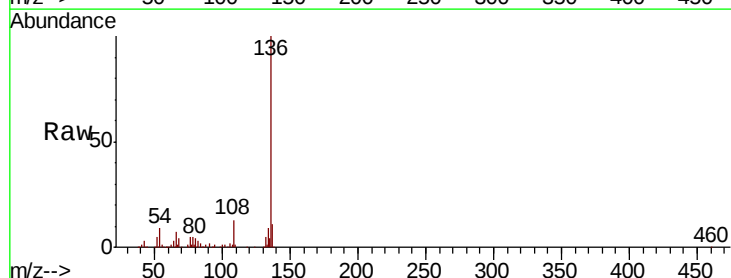
Delta R.T. -0.02 min

Lab File: BG043032.D

Acq: 4 Oct 2019 17:39

Tgt Ion: 136 Resp: 254766

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.3	7.4	11.2
68	3.6	3.6	5.4



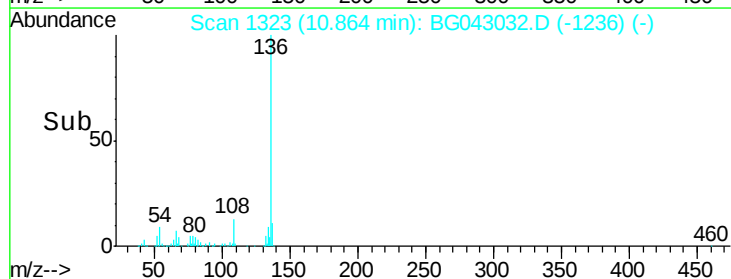
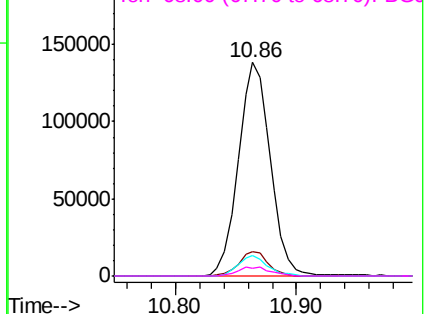
Abundance

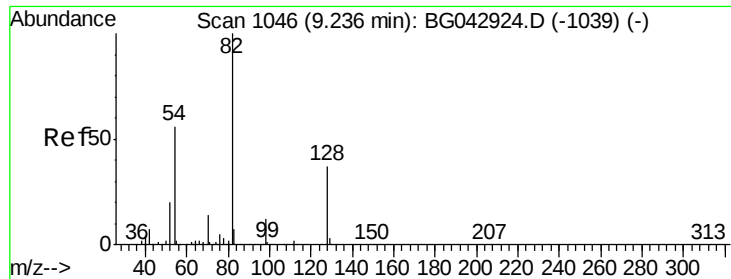
Ion 136.00 (135.70 to 136.70): BGC

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

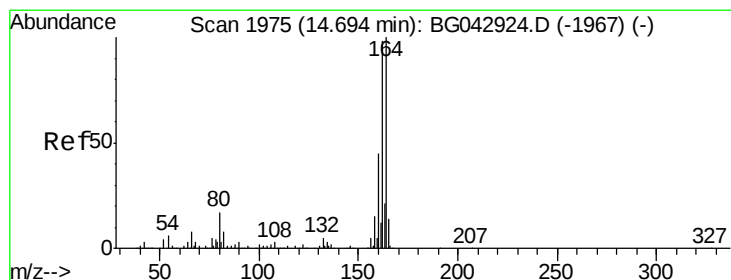
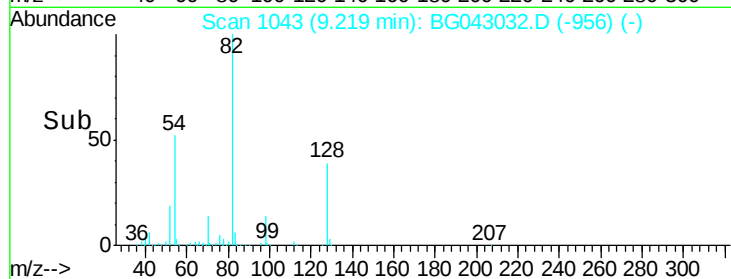
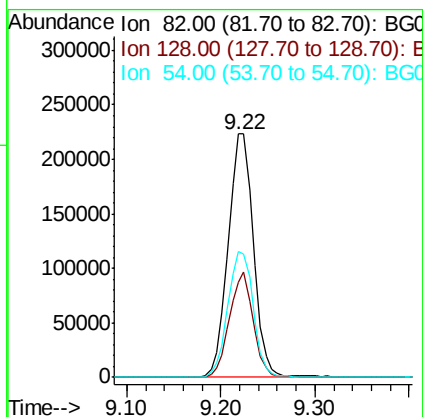
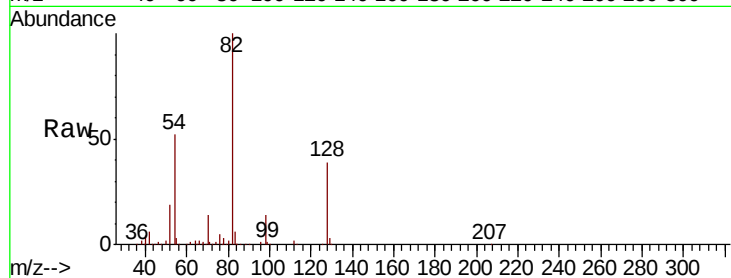




#23
Nitrobenzene-d5
Concen: 79.965 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BG043032.D
Acq: 4 Oct 2019 17:39

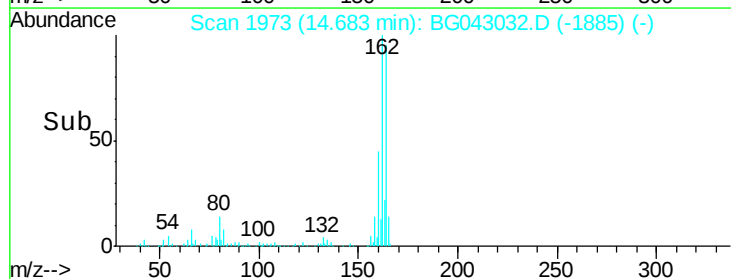
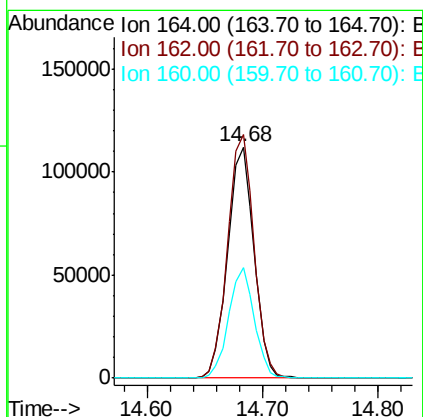
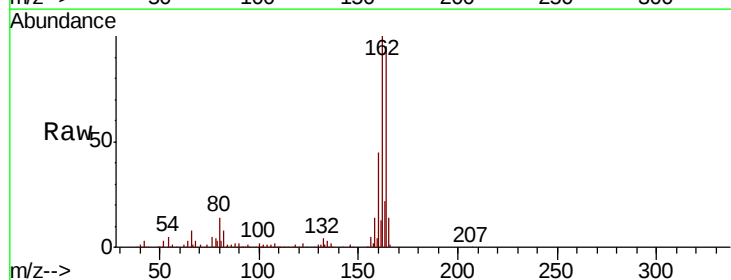
Instrument :
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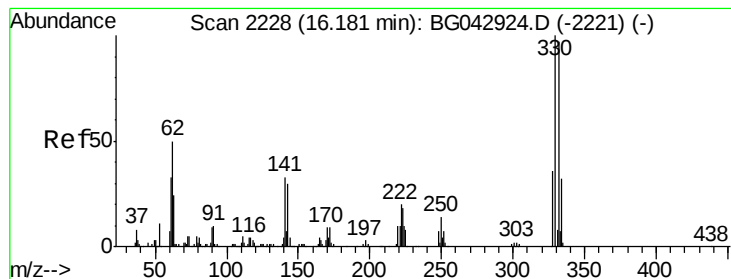
Tot Ion	82	Resp	419138
Ion Ratio	Lower	Upper	
82	100		
128	39.0	29.5	44.3
54	51.9	44.6	67.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG043032.D
Acq: 4 Oct 2019 17:39

Tgt Ion	164	Resp	177237
Ion Ratio	Lower	Upper	
164	100		
162	105.2	78.5	117.7
160	47.6	35.9	53.9





#42

2,4,6-Tribromophenol

Concen: 136.289 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043032.D

Acq: 4 Oct 2019 17:39

Instrument :

BNA_G

ClientSampleId :

PB123594BL

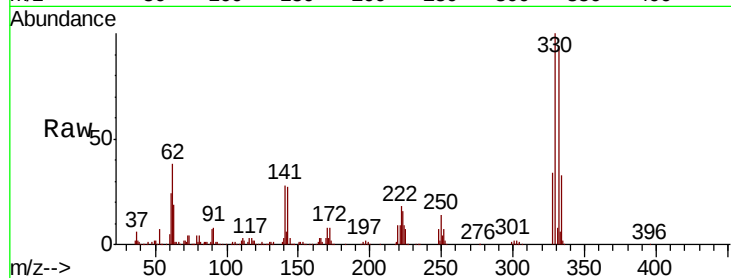
Tot Ion:330 Resp: 415368

Ion Ratio Lower Upper

330 100

332 96.0 78.2 117.2

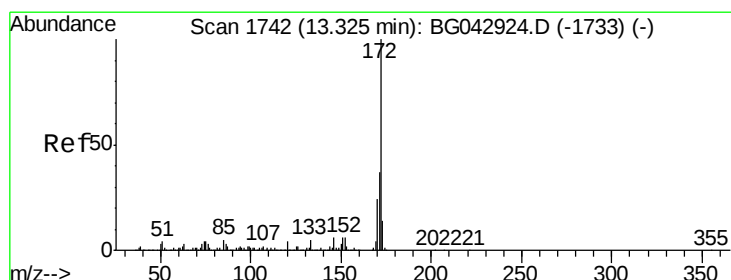
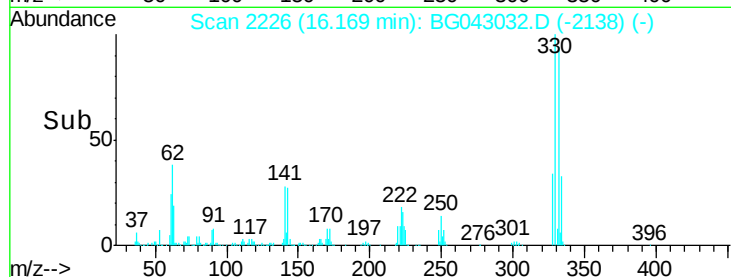
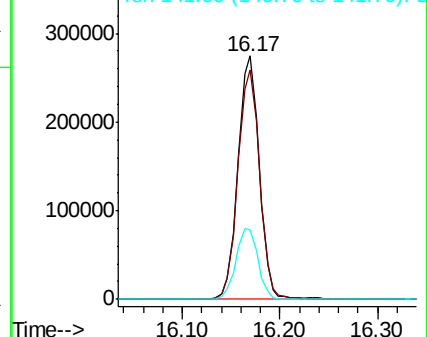
141 30.2 26.0 39.0



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: 87.987 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG043032.D

Acq: 4 Oct 2019 17:39

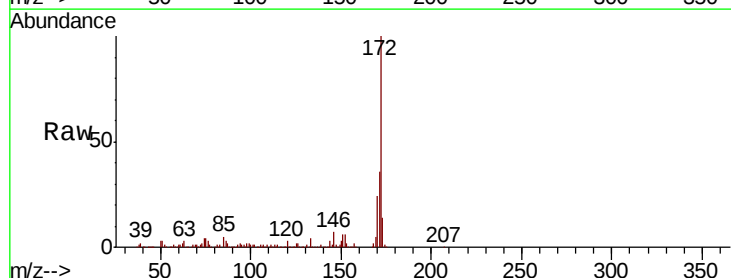
Tgt Ion:172 Resp: 1075708

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

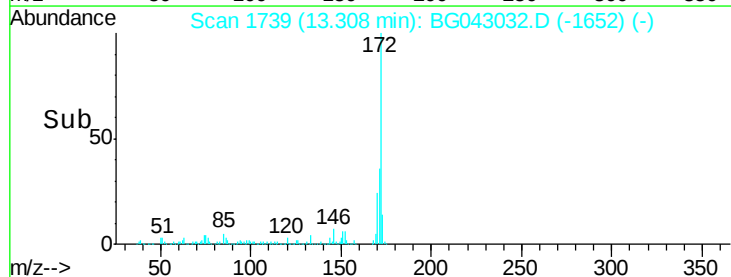
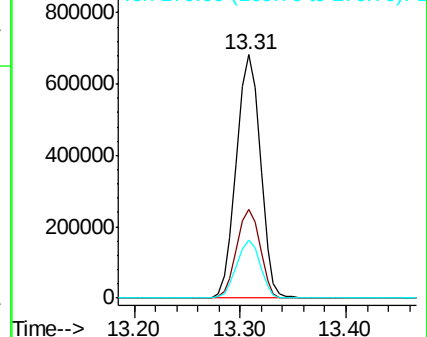
170 24.0 19.6 29.4

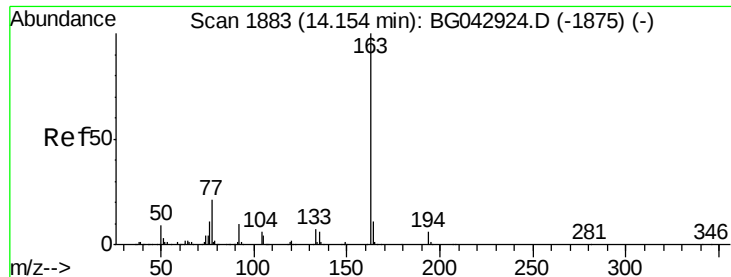


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

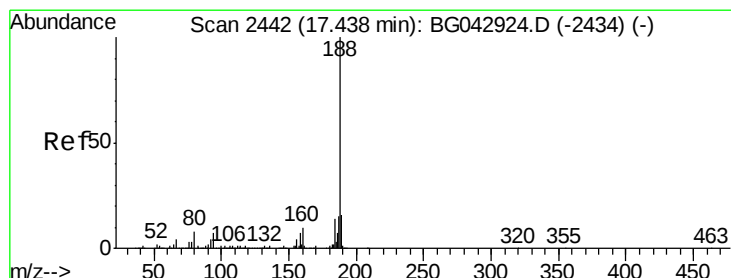
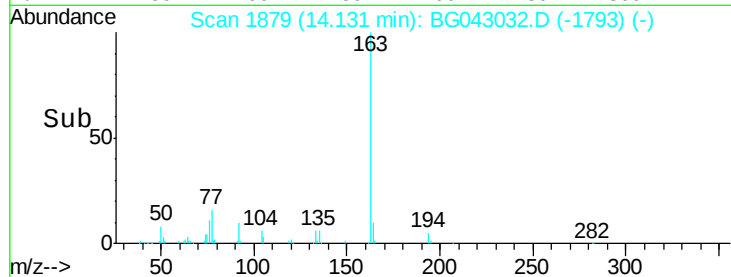
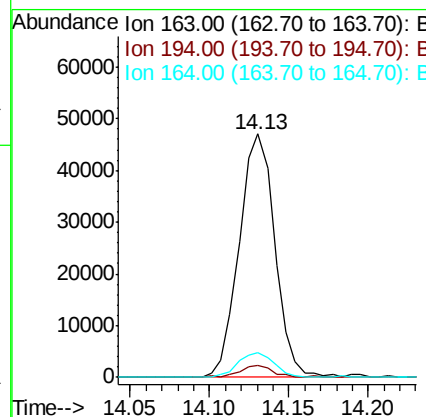
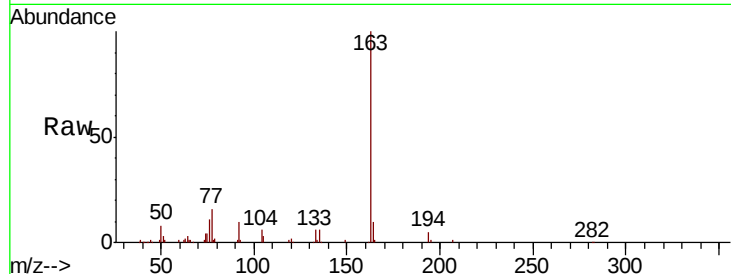




#50
Dimethylphthalate
Concen: 5.540 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG043032.D
Acq: 4 Oct 2019 17:39

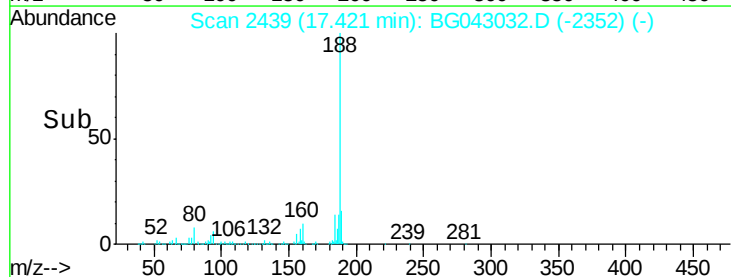
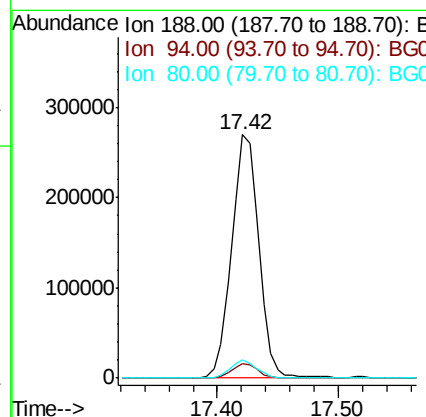
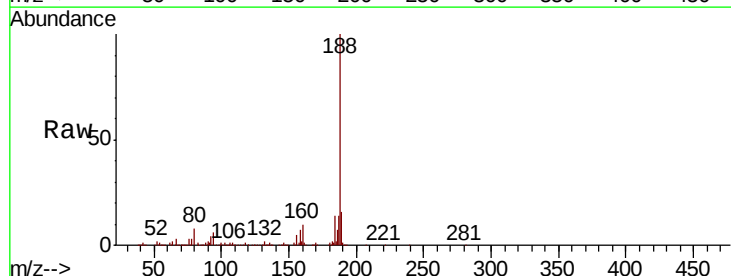
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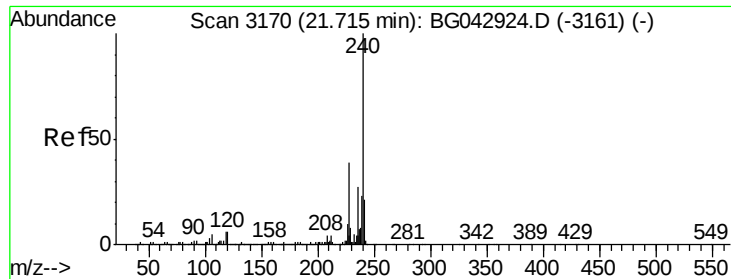
Tot Ion	163	Resp	73573
Ion Ratio	Lower	Upper	
163	100		
194	4.7	4.4	6.6
164	10.2	8.6	12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BG043032.D
Acq: 4 Oct 2019 17:39

Tgt Ion	188	Resp	423441
Ion Ratio	Lower	Upper	
188	100		
94	6.2	5.7	8.5
80	7.6	6.5	9.7

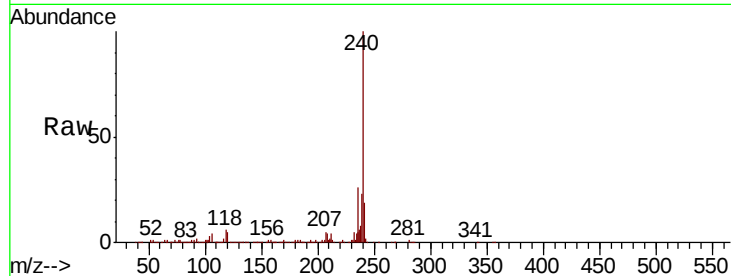




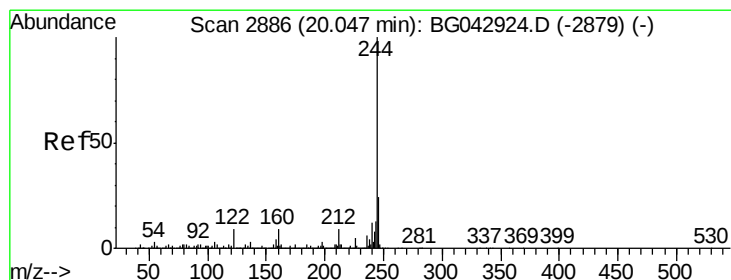
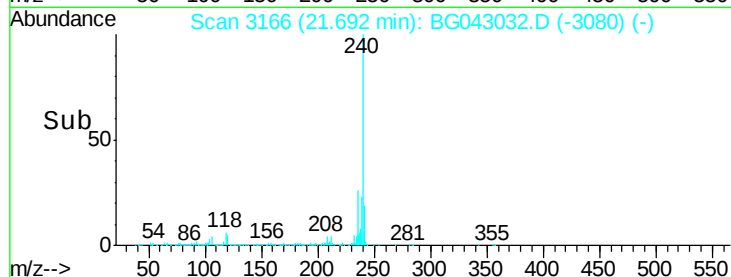
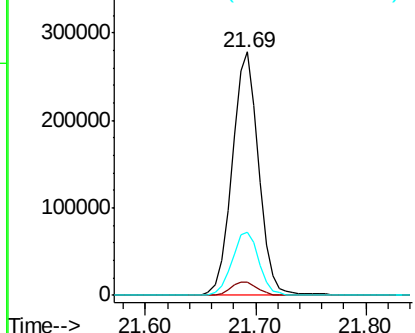
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.02 min
 Lab File: BG043032.D
 Acq: 4 Oct 2019 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BL

Tot Ion:240 Resp: 467365
 Ion Ratio Lower Upper
 240 100
 120 5.2 4.8 7.2
 236 26.2 21.4 32.0

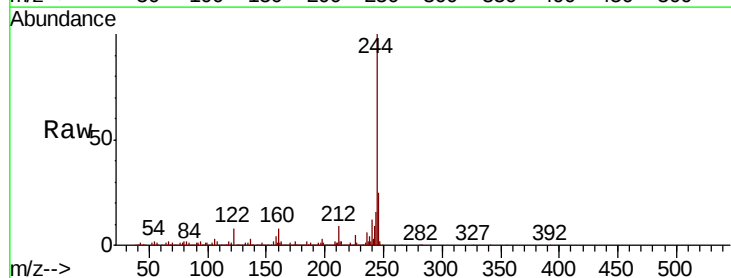


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

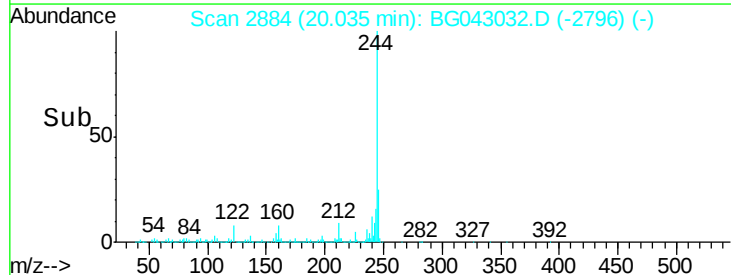
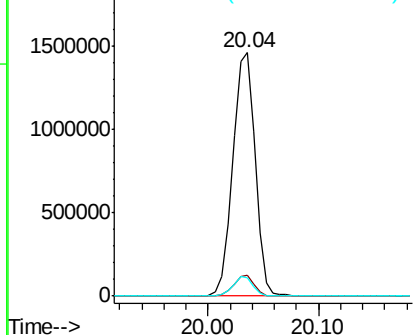


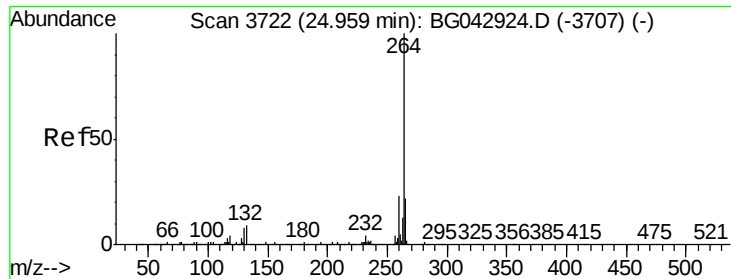
#79
 Terphenyl-d14
 Concen: 94.928 ng
 RT: 20.04 min Scan# 2884
 Delta R.T. -0.01 min
 Lab File: BG043032.D
 Acq: 4 Oct 2019 17:39

Tgt Ion:244 Resp: 2082048
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.4 11.0
 122 7.8 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: 24.91 min Scan# 3714
 Delta R.T. -0.05 min
 Lab File: BG043032.D
 Acq: 4 Oct 2019 17:39

Instrument :
 BNA_G
 ClientSampleId :
 PB123594BL

Tot Ion:	264	Resp:	544001
Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	22.3	17.7	26.5

