

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040849.D
 Acq On : 10 May 2019 13:27
 Operator : HP/JU
 Sample : K2762-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P021-SS003-0002-01

Quant Time: May 10 17:17:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

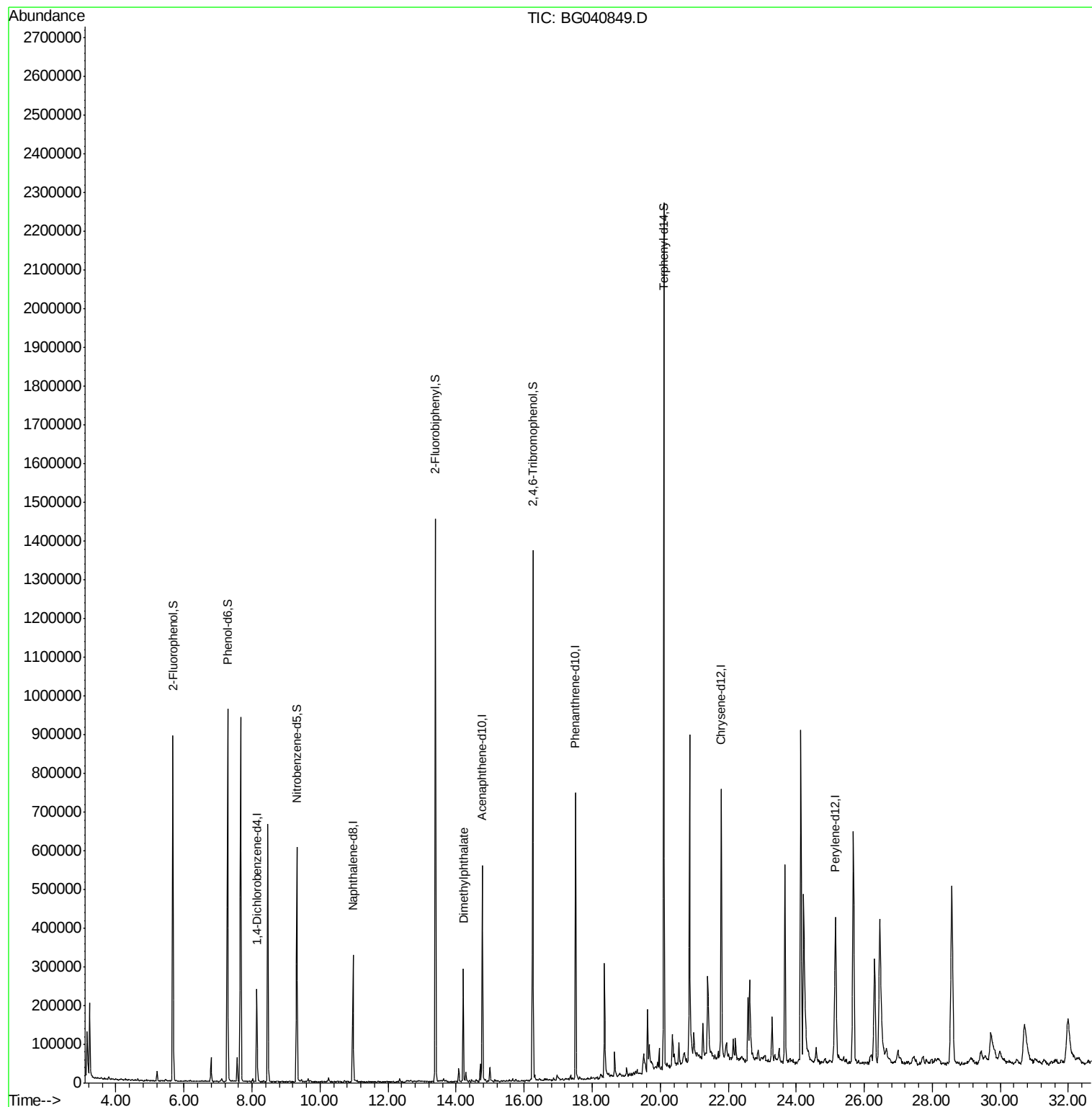
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	65978	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	267196	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	194516	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	458059	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	436675	20.00	ng	-0.03
87) Perylene-d12	25.16	264	458405	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	325345	86.92	ng	-0.01
7) Phenol-d6	7.28	99	508359	88.21	ng	-0.01
23) Nitrobenzene-d5	9.32	82	368263	63.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	248246	92.85	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	725790	53.89	ng	-0.02
79) Terphenyl-d14	20.11	244	1073007	54.44	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	14.21	163	176757	10.861	ng	96

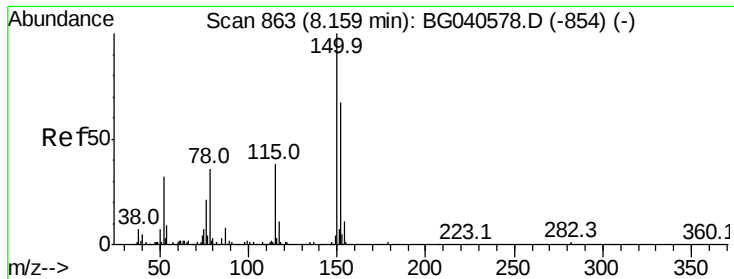
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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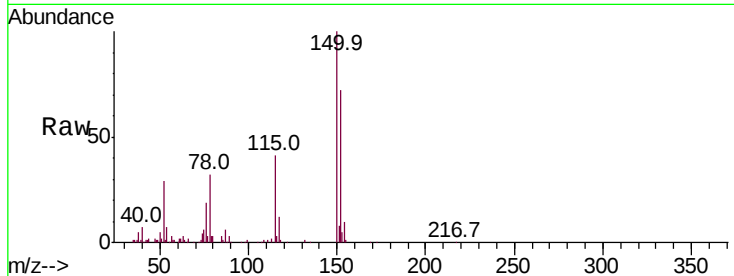


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040849.D
Acq: 10 May 2019 13:27

Instrument :
BNA_G
ClientSampleId :
P021-SS003-0002-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.8	120.2	180.2
115	56.3	46.2	69.2

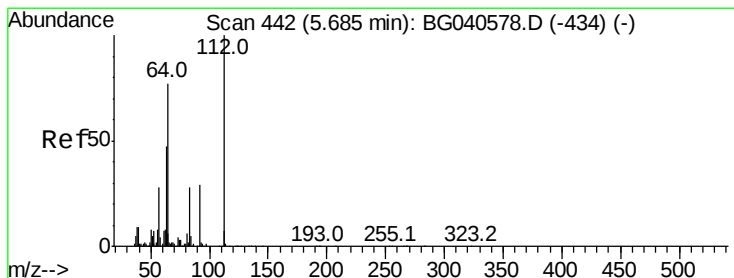
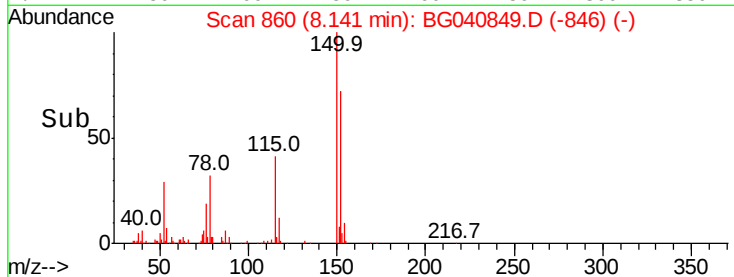
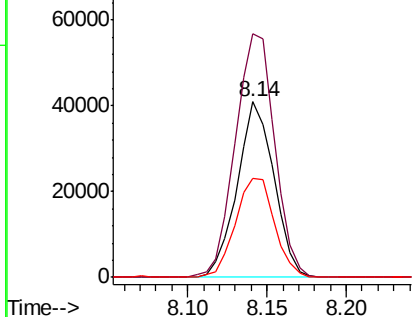


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

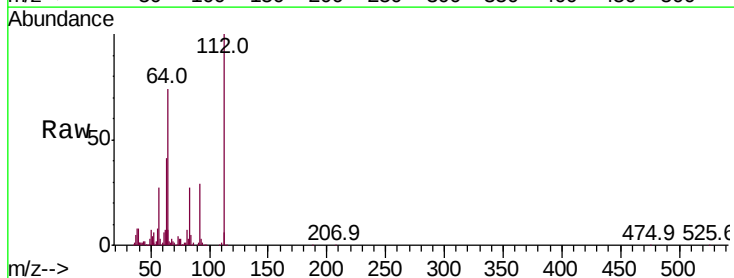
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.924 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040849.D
Acq: 10 May 2019 13:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.1	61.4	92.0
63	40.9	37.8	56.6

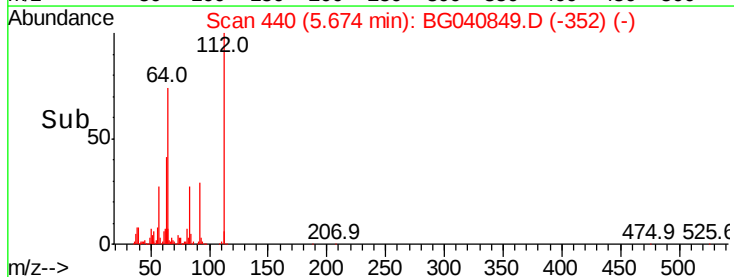
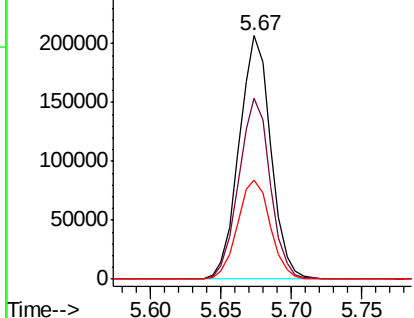


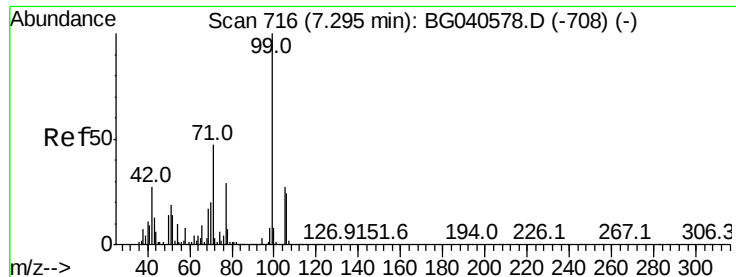
Abundance

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: 88.211 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

Instrument :

BNA_G

ClientSampleId :

P021-SS003-0002-01

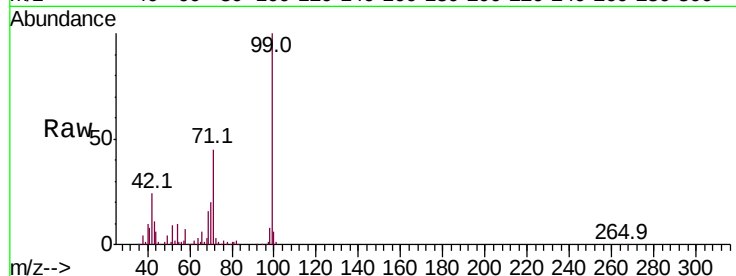
Tot Ion: 99 Resp: 508359

Ion Ratio Lower Upper

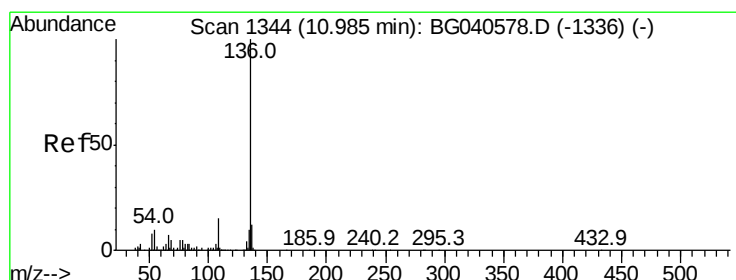
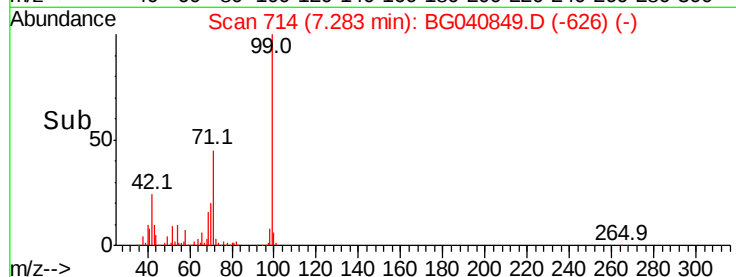
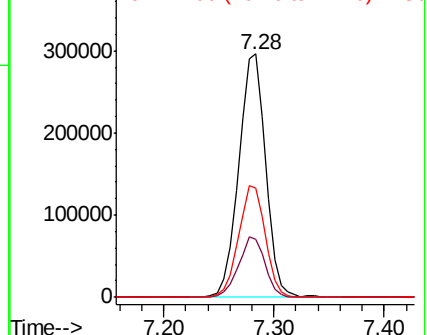
99 100

42 23.6 21.8 32.8

71 44.7 38.6 57.8



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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

Tgt Ion: 136 Resp: 267196

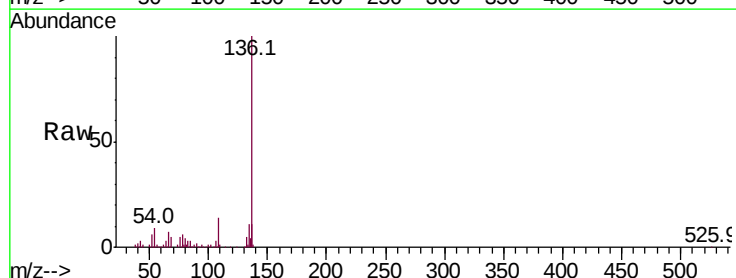
Ion Ratio Lower Upper

136 100

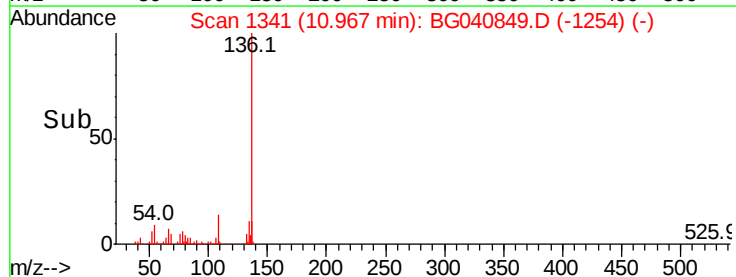
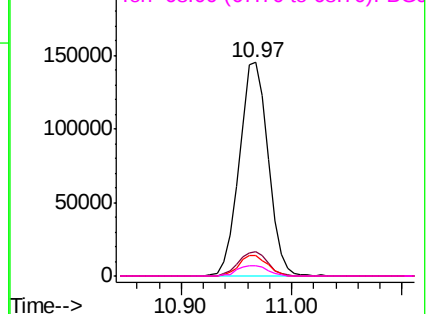
137 11.2 9.7 14.5

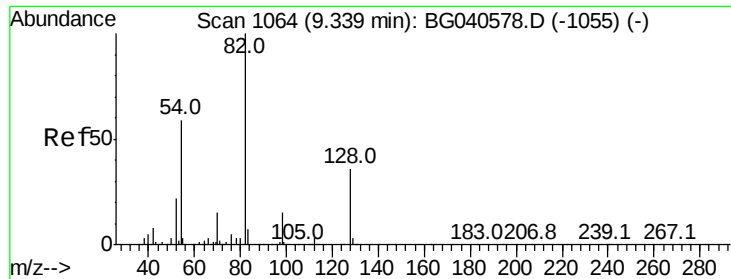
54 9.9 8.6 12.8

68 5.0 4.8 7.2



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: 63.684 ng

RT: 9.32 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

Instrument :

BNA_G

ClientSampleId :

P021-SS003-0002-01

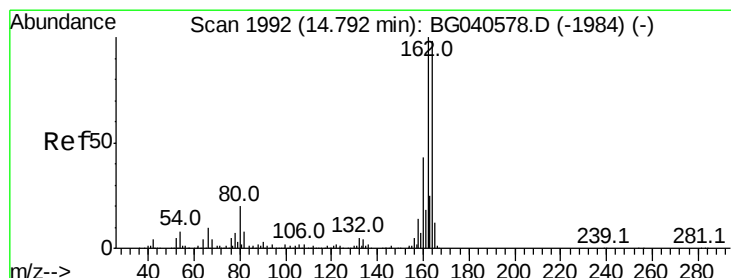
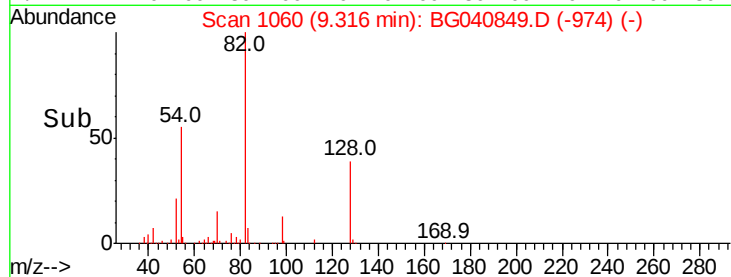
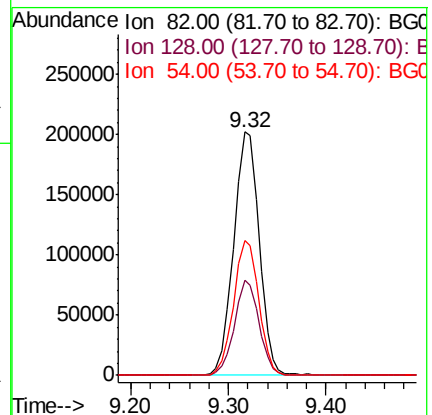
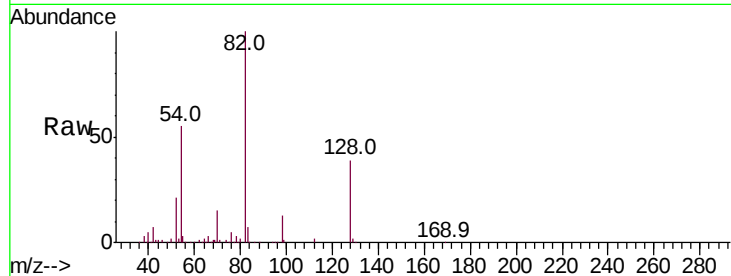
Tot Ion: 82 Resp: 368263

Ion Ratio Lower Upper

82 100

128 39.0 28.9 43.3

54 55.4 47.2 70.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

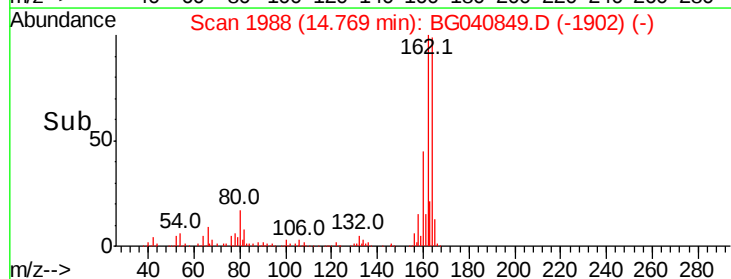
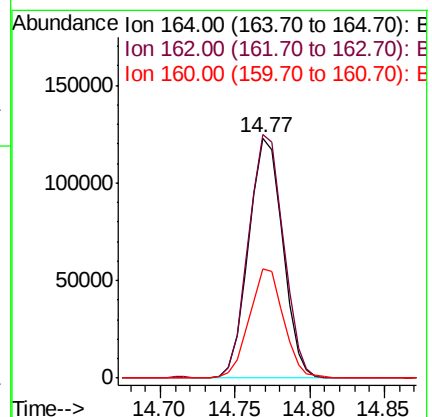
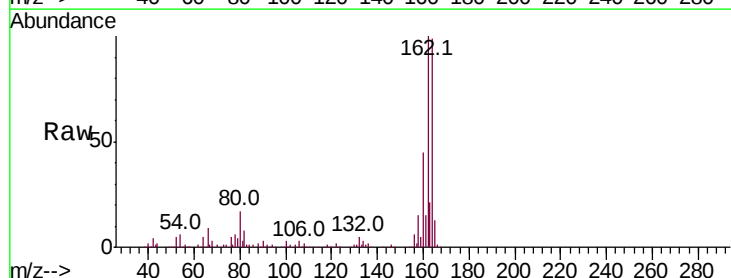
Tgt Ion: 164 Resp: 194516

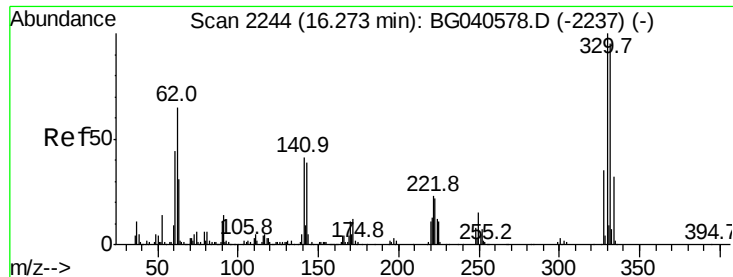
Ion Ratio Lower Upper

164 100

162 101.3 81.9 122.9

160 45.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 92.849 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

Instrument :

BNA_G

ClientSampleId :

P021-SS003-0002-01

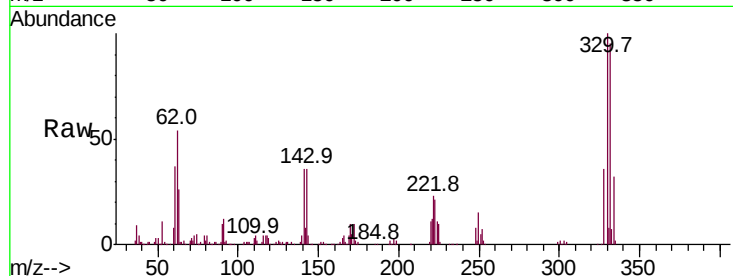
Tot Ion:330 Resp: 248246

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

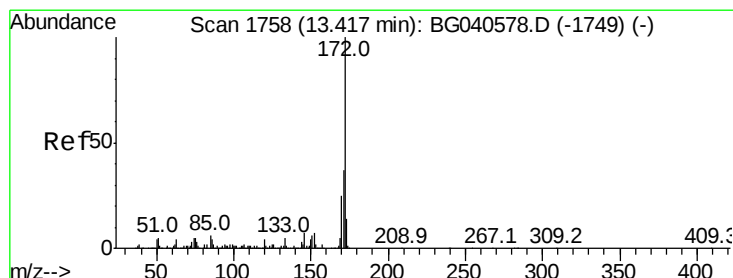
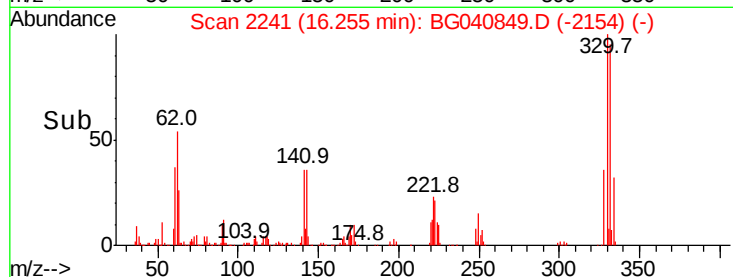
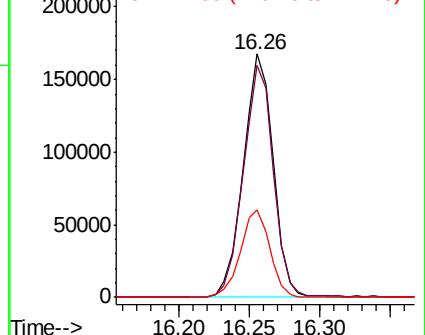
141 35.4 32.4 48.6



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: 53.887 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

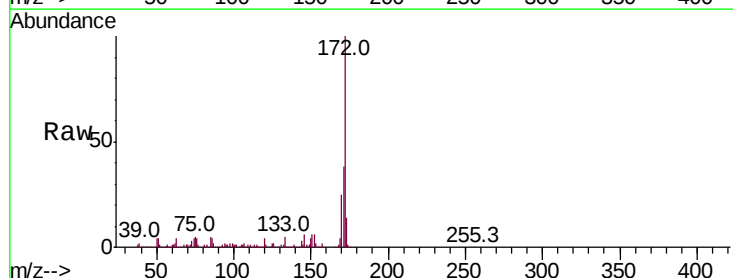
Tgt Ion:172 Resp: 725790

Ion Ratio Lower Upper

172 100

171 37.6 29.4 44.2

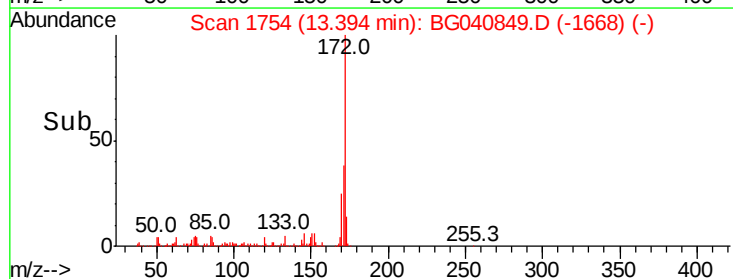
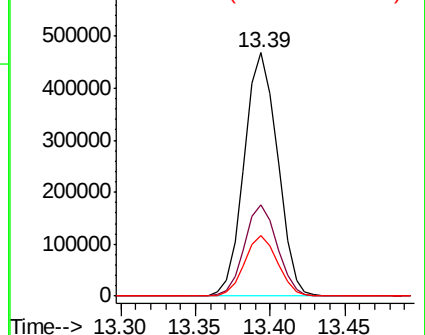
170 25.1 19.9 29.9

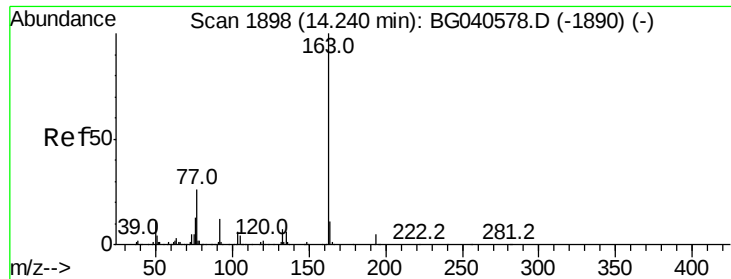


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.861 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

Instrument :

BNA_G

ClientSampleId :

P021-SS003-0002-01

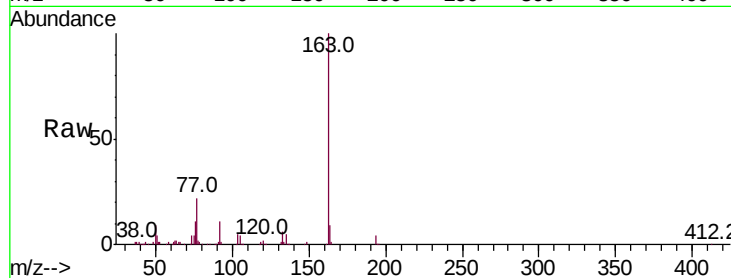
Tot Ion:163 Resp: 176757

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.8

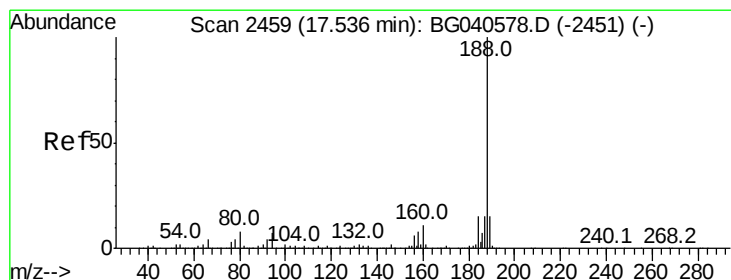
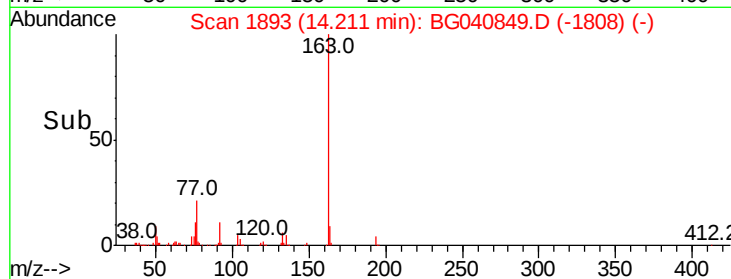
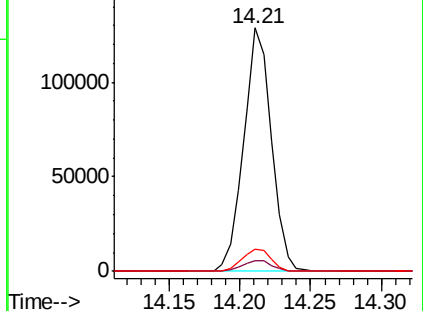
164 8.9 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040849.D

Acq: 10 May 2019 13:27

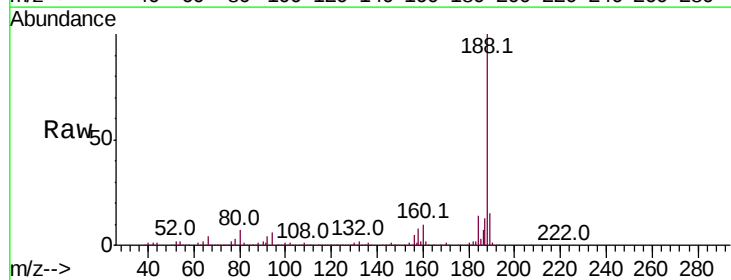
Tgt Ion:188 Resp: 458059

Ion Ratio Lower Upper

188 100

94 6.0 5.6 8.4

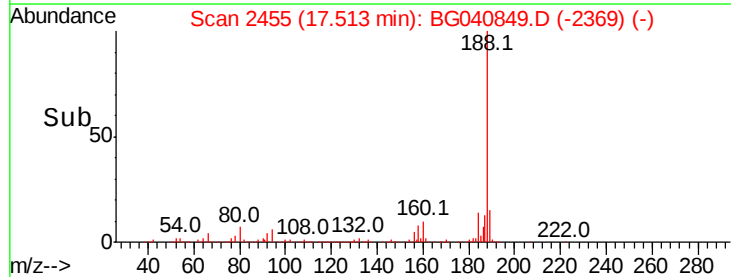
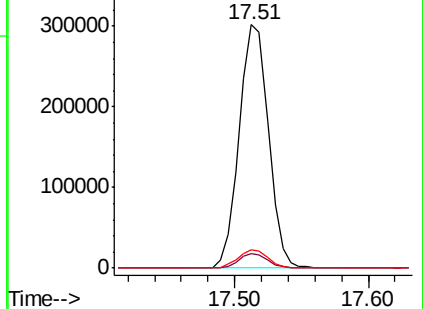
80 7.3 6.4 9.6

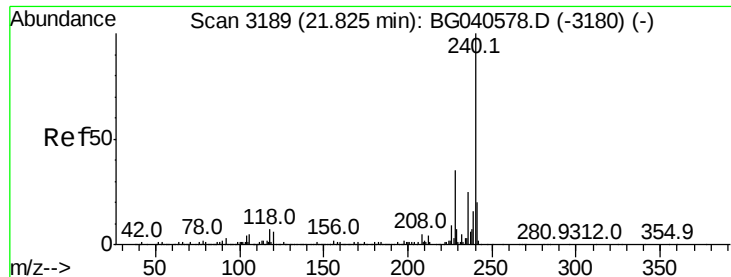


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

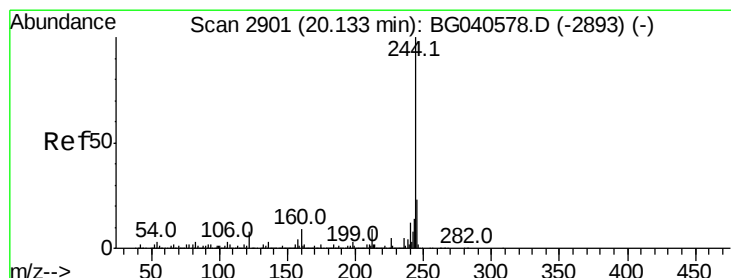
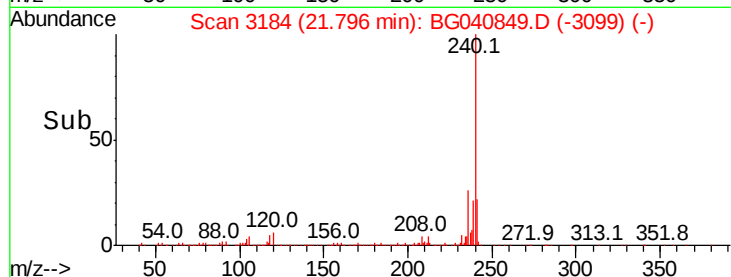
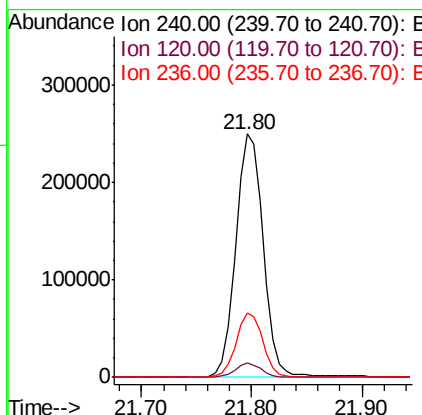
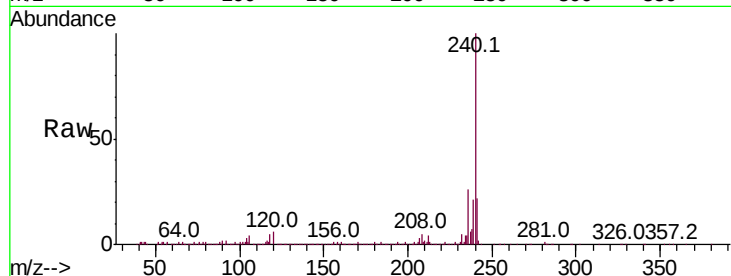




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040849.D
 Acq: 10 May 2019 13:27

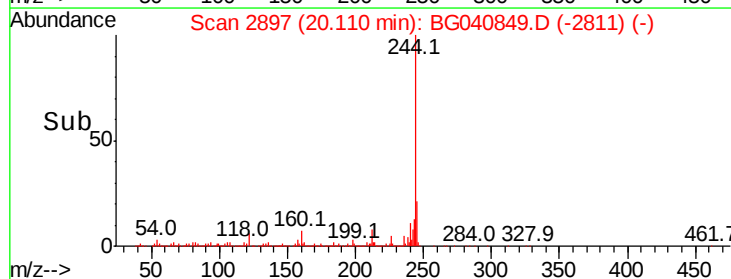
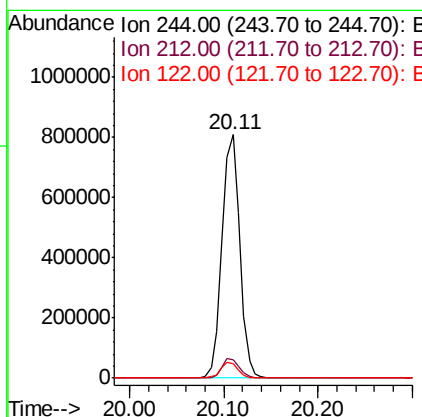
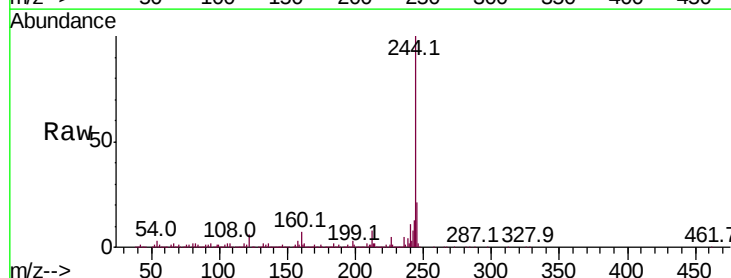
Instrument :
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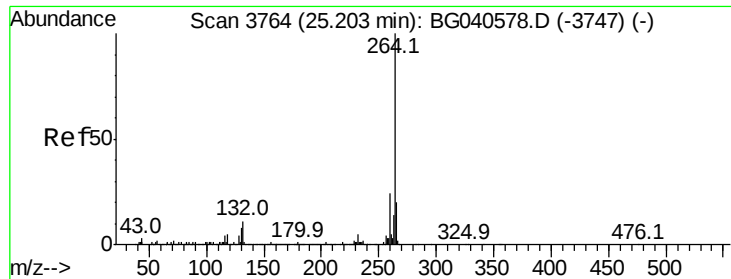
Tot Ion:240 Resp: 436675
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.0 7.6
 236 26.4 20.3 30.5



#79
 Terphenyl-d14
 Concen: 54.438 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040849.D
 Acq: 10 May 2019 13:27

Tgt Ion:244 Resp: 1073007
 Ion Ratio Lower Upper
 244 100
 212 7.6 7.2 10.8
 122 6.1 6.6 10.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040849.D

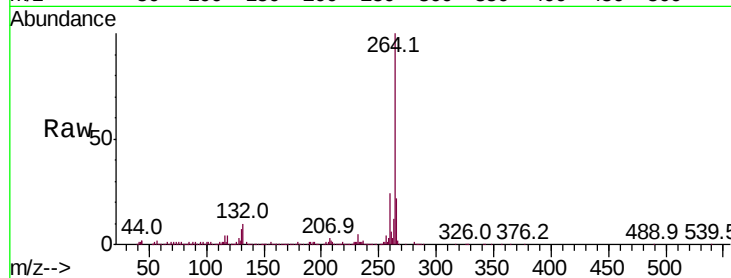
Acq: 10 May 2019 13:27

Instrument :

BNA_G

ClientSampleId :

P021-SS003-0002-01



Tot Ion:	264	Resp:	458405
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	16.6	25.0

