

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
 Data File : BG045683.D
 Acq On : 10 Jun 2020 6:37
 Operator : CG/JU
 Sample : L2812-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-060520

Quant Time: Jun 10 07:45:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

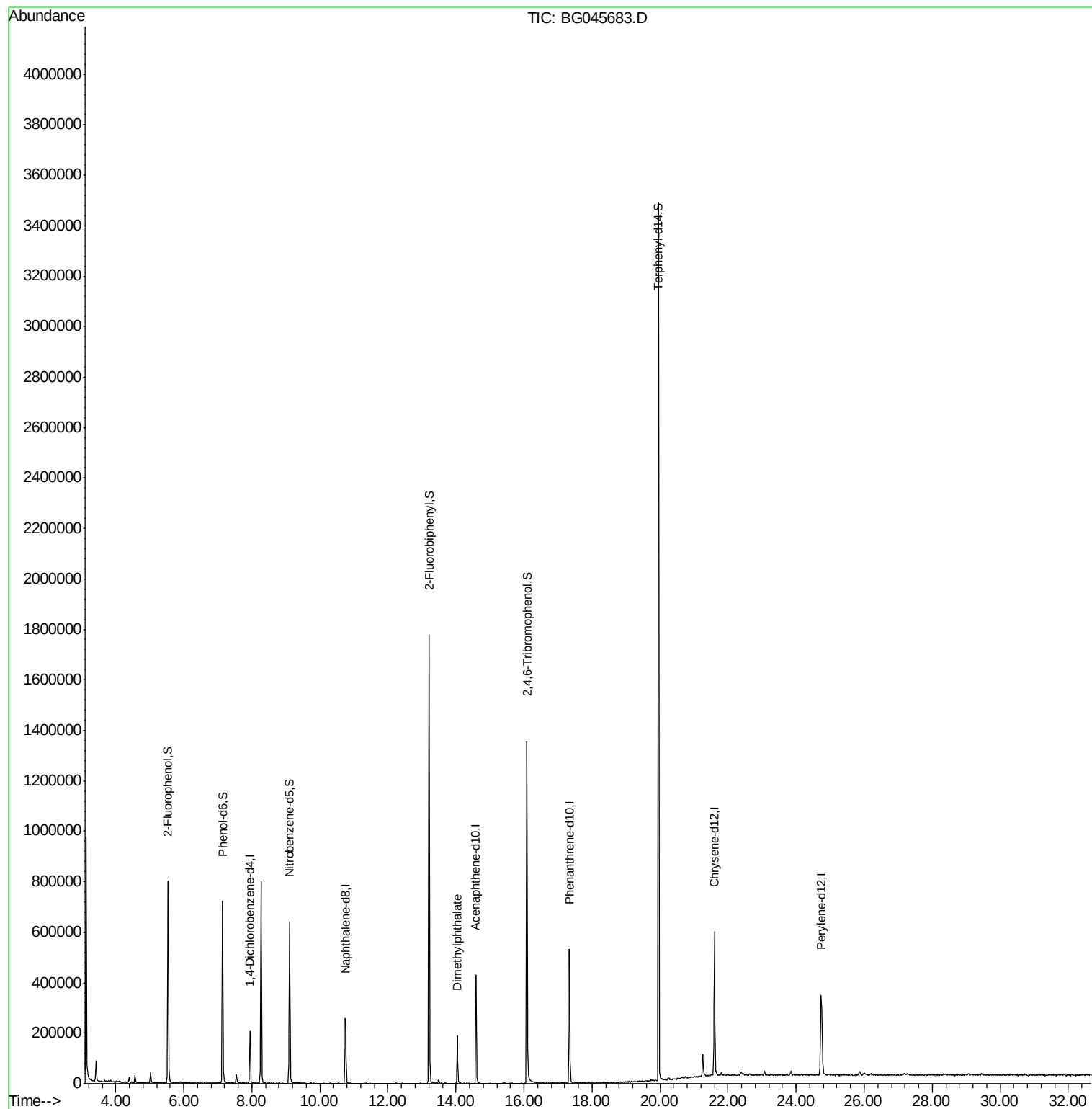
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60767	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	237232	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	165197	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	370387	20.00	ng	0.00
76) Chrysene-d12	21.60	240	380999	20.00	ng	0.00
87) Perylene-d12	24.74	264	401967	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	384411	123.63	ng	0.00
7) Phenol-d6	7.14	99	469700	106.13	ng	0.00
23) Nitrobenzene-d5	9.11	82	440647	101.29	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	296230	140.22	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	960320	98.60	ng	0.00
79) Terphenyl-d14	19.96	244	1663161	101.81	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.04	163	132185	11.66	ng	Qvalue 98

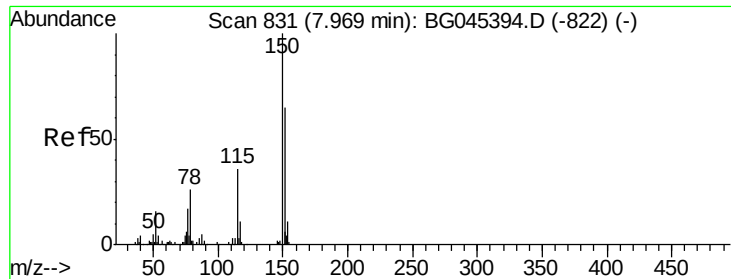
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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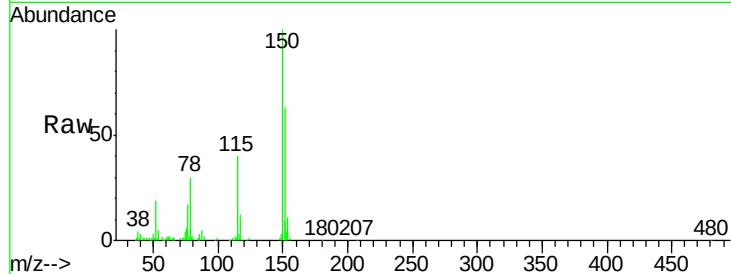


#1

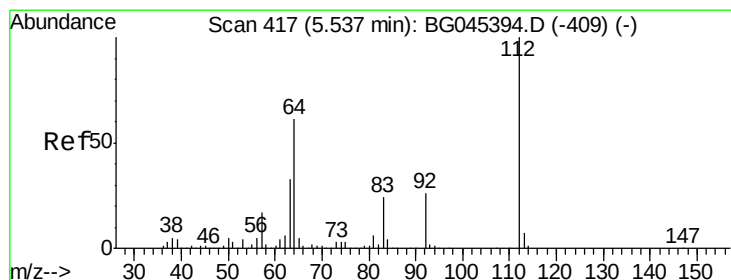
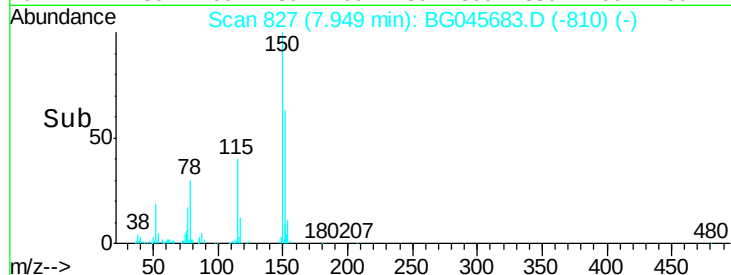
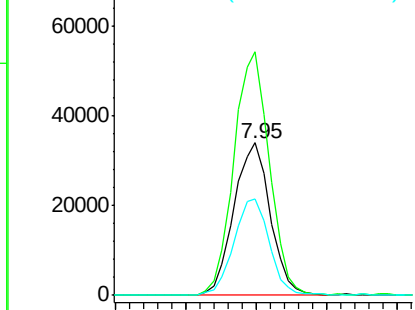
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045683.D
Acq: 10 Jun 2020 6:37

Instrument :
BNA_G
ClientSampleId :
OK-01-060520

Tgt Ion:152 Resp: 60767
Ion Ratio Lower Upper
152 100
150 159.6 122.4 183.6
115 63.1 44.2 66.4



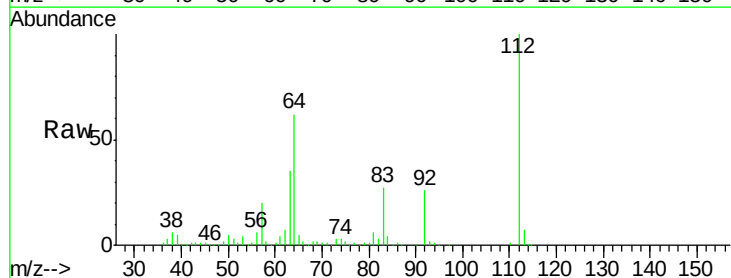
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



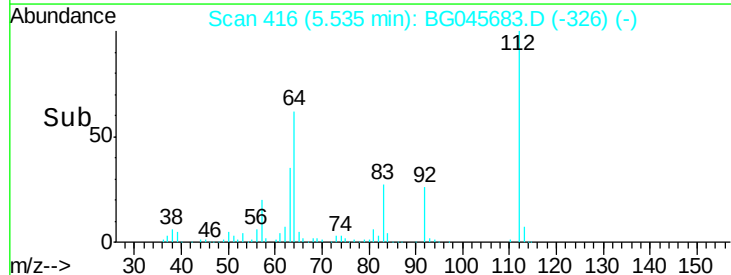
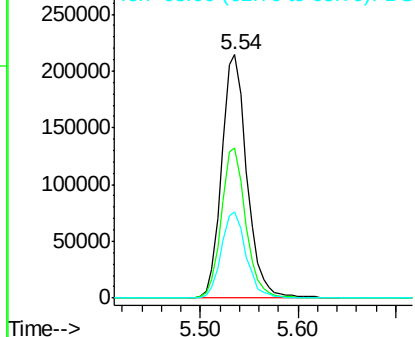
#5

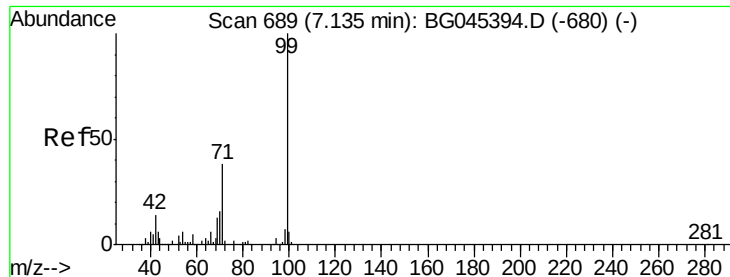
2-Fluorophenol
Concen: 123.63 ng
RT: 5.54 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045683.D
Acq: 10 Jun 2020 6:37

Tgt Ion:112 Resp: 384411
Ion Ratio Lower Upper
112 100
64 61.6 48.6 72.8
63 35.2 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.13 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

Instrument :

BNA_G

ClientSampleId :

OK-01-060520

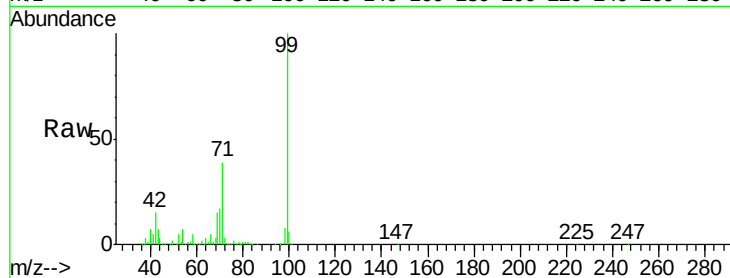
Tgt Ion: 99 Resp: 469700

Ion Ratio Lower Upper

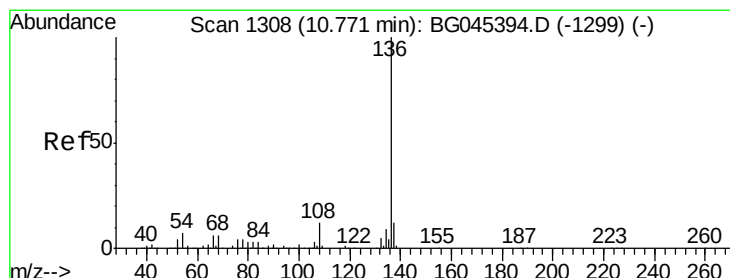
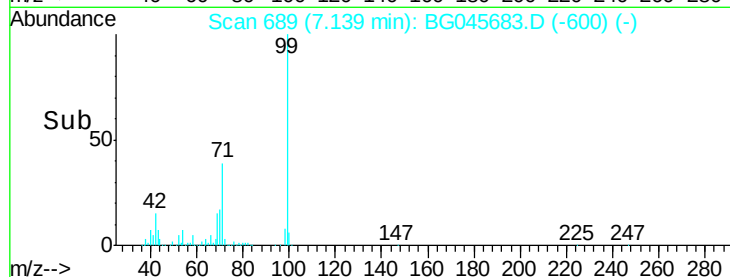
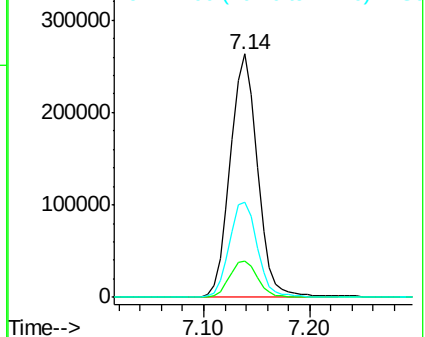
99 100

42 15.0 11.3 16.9

71 38.9 30.8 46.2



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: 20.00 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

Tgt Ion: 136 Resp: 237232

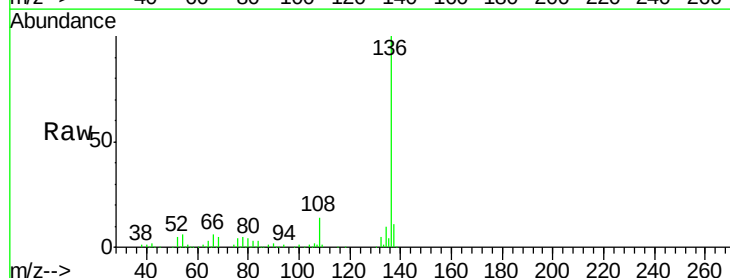
Ion Ratio Lower Upper

136 100

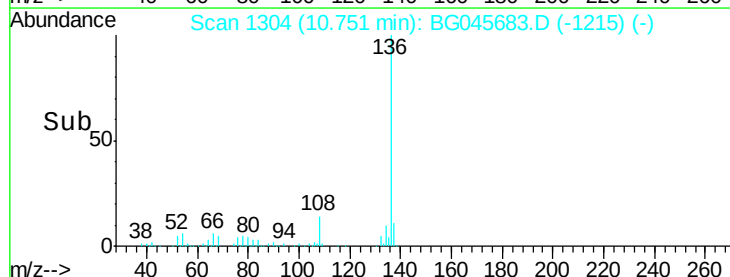
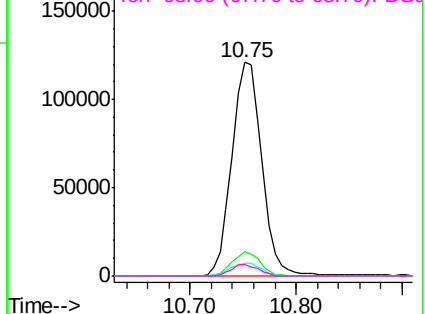
137 11.2 9.4 14.2

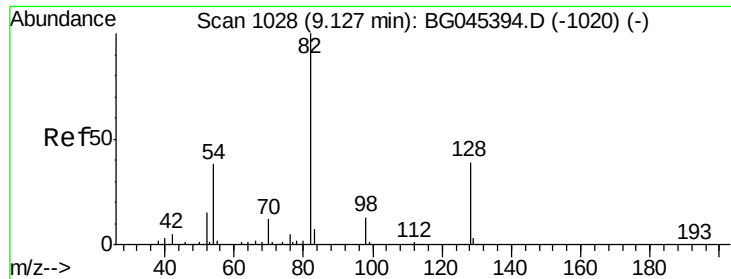
54 6.2 5.8 8.6

68 5.3 4.5 6.7



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

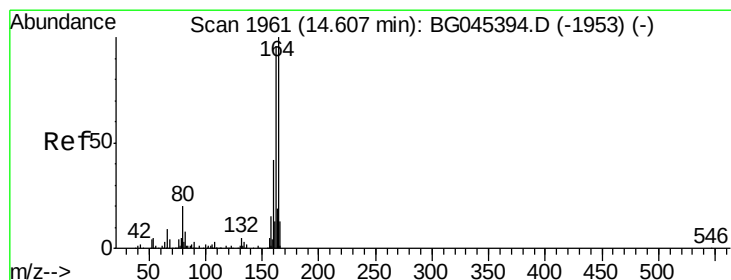
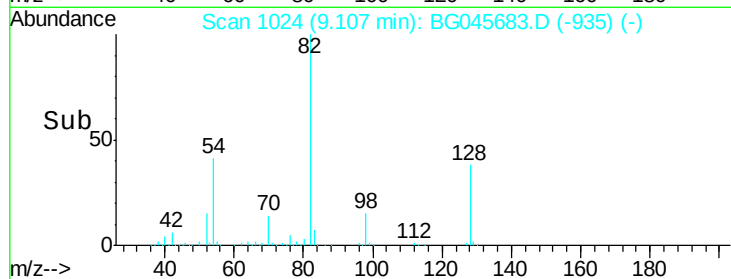
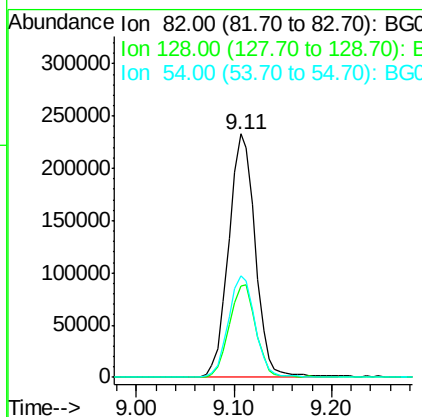
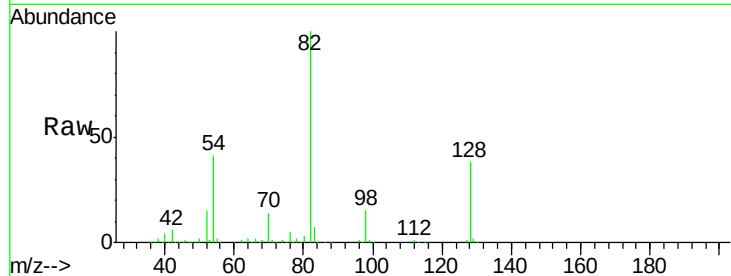




#23
 Nitrobenzene-d5
 Concen: 101.29 ng
 RT: 9.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG045683.D
 Acq: 10 Jun 2020 6:37

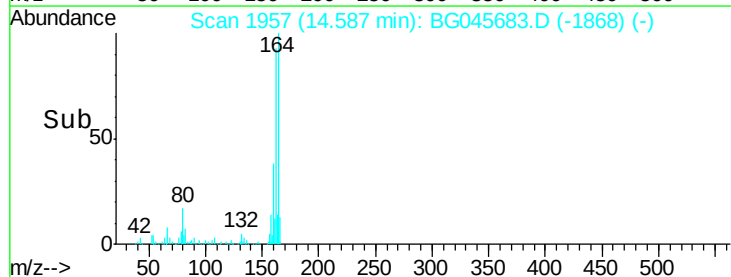
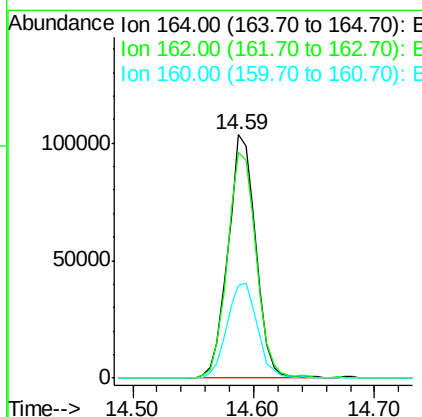
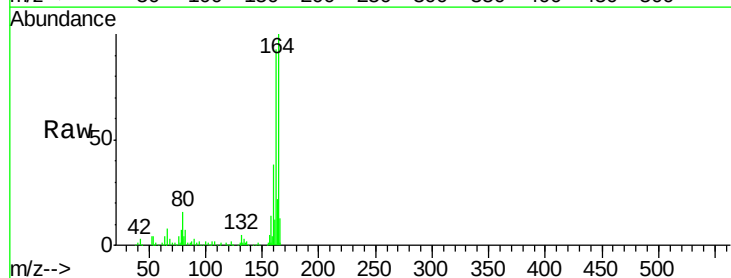
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-060520

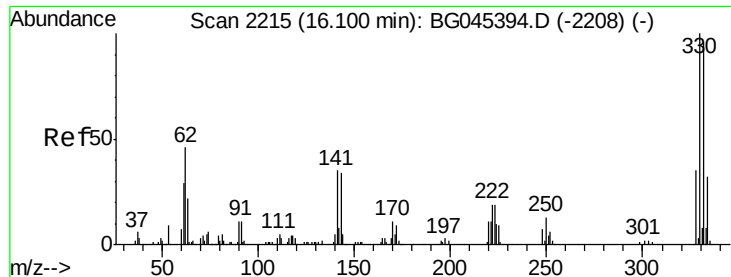
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.9	46.3
54	41.5	30.3	45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG045683.D
 Acq: 10 Jun 2020 6:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.6	76.9	115.3
160	37.9	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 140.22 ng

RT: 16.09 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

Instrument :

BNA_G

ClientSampleId :

OK-01-060520

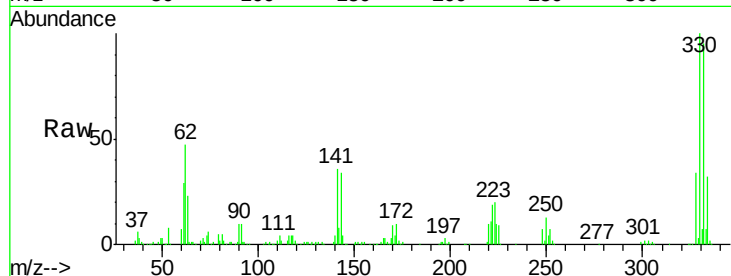
Tgt Ion:330 Resp: 296230

Ion Ratio Lower Upper

330 100

332 95.5 78.2 117.4

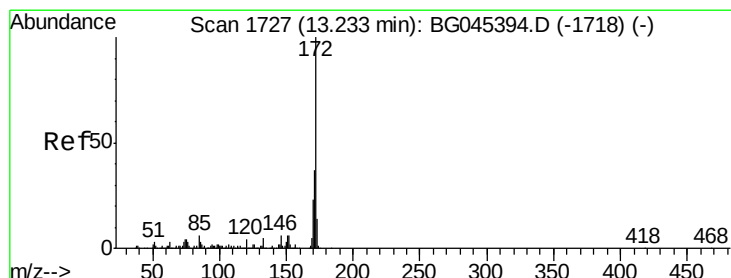
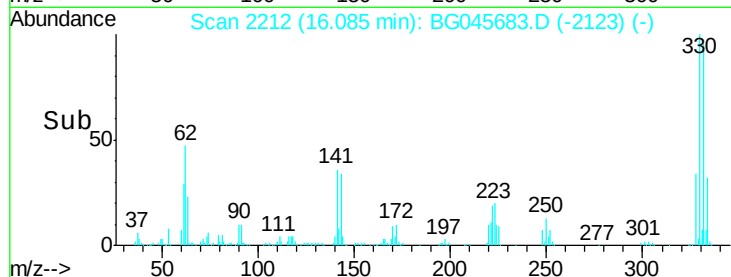
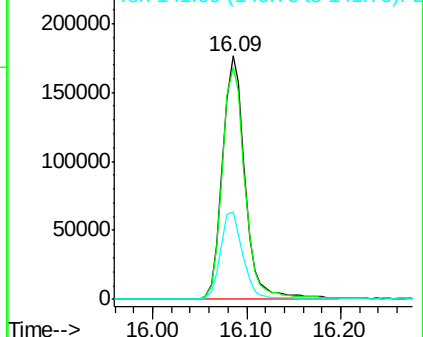
141 36.0 28.2 42.4



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: 98.60 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

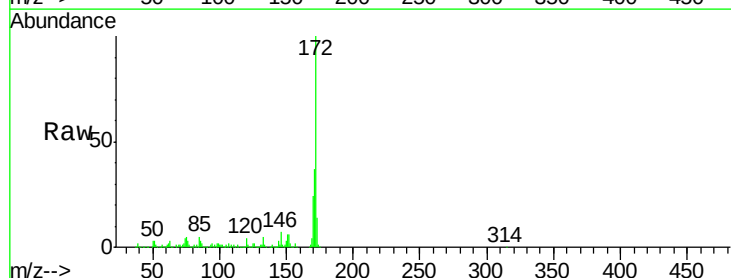
Tgt Ion:172 Resp: 960320

Ion Ratio Lower Upper

172 100

171 36.9 29.5 44.3

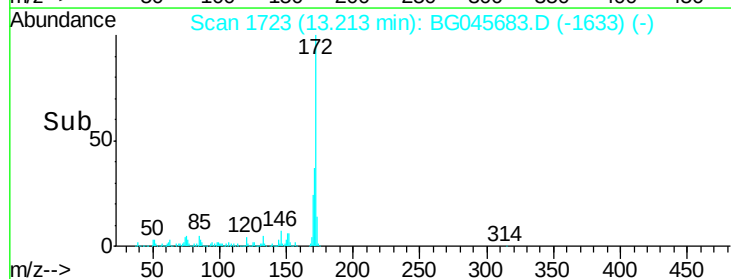
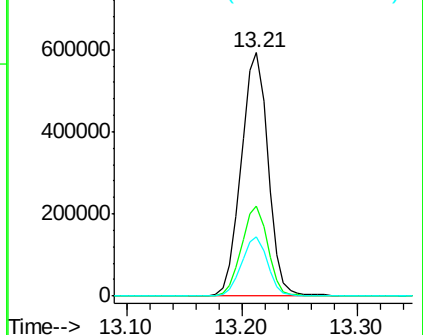
170 24.3 18.5 27.7

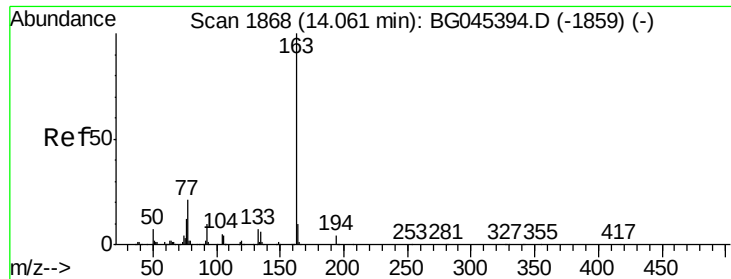


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.66 ng

RT: 14.04 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

Instrument :

BNA_G

ClientSampleId :

OK-01-060520

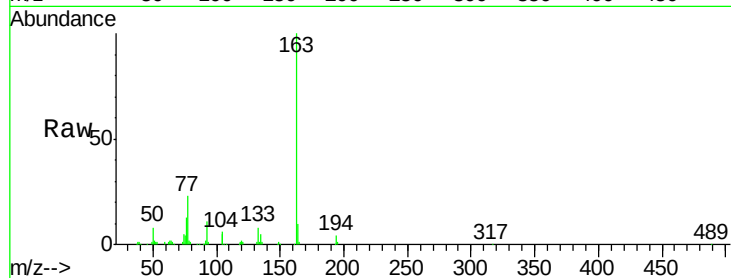
Tgt Ion:163 Resp: 132185

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

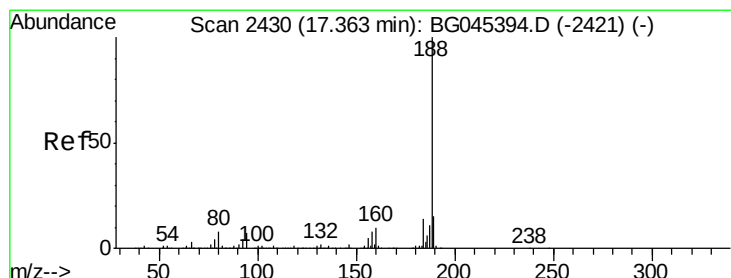
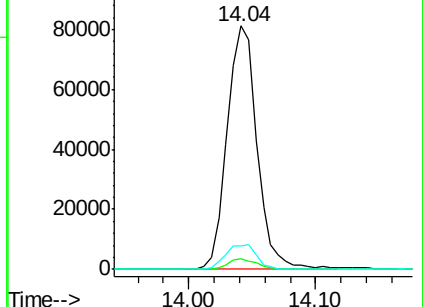
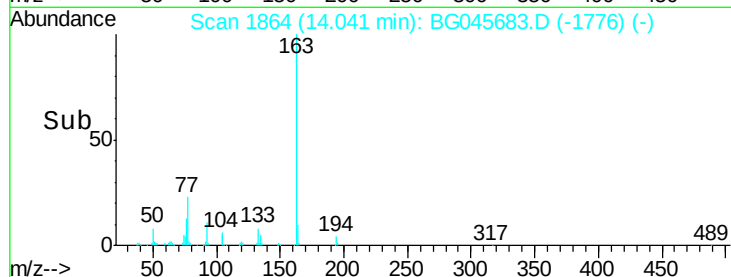
164 9.8 8.3 12.5



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: 20.00 ng

RT: 17.34 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

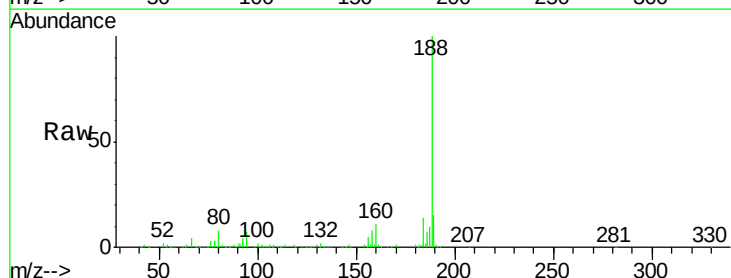
Tgt Ion:188 Resp: 370387

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

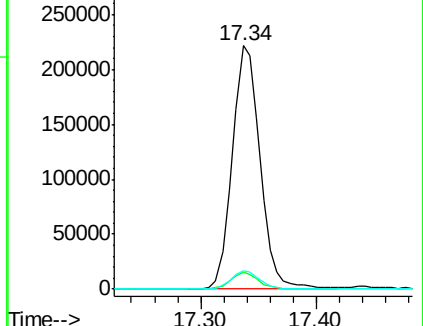
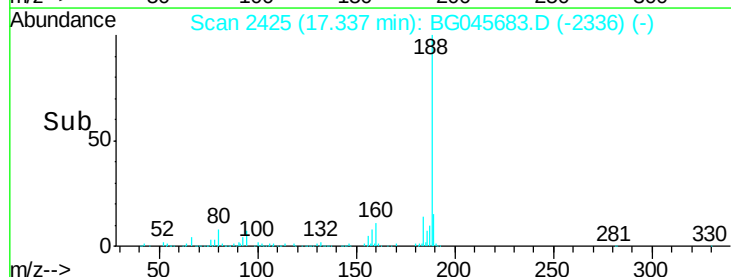
80 7.7 6.6 10.0

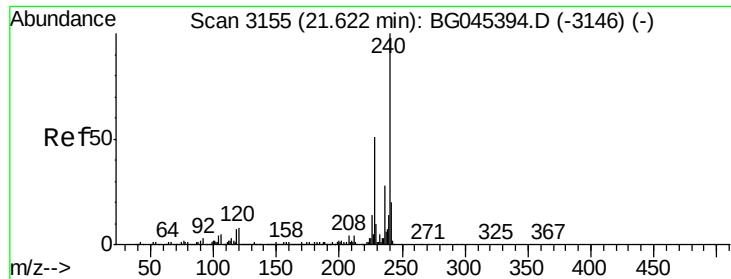


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

Instrument :

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ClientSampleId :

OK-01-060520

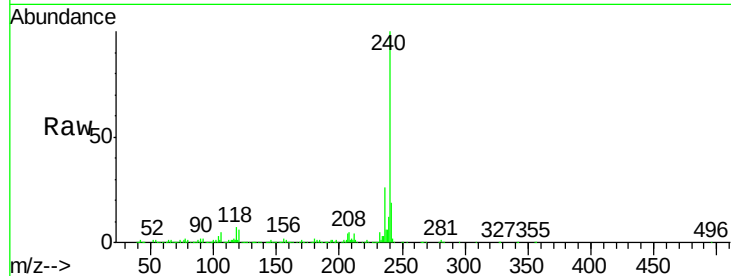
Tgt Ion:240 Resp: 380999

Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

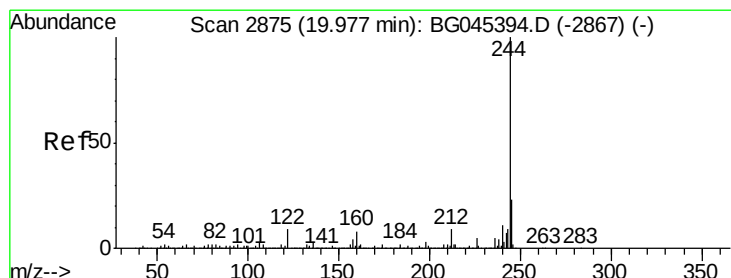
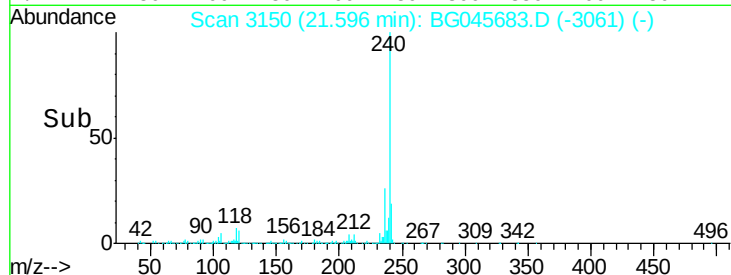
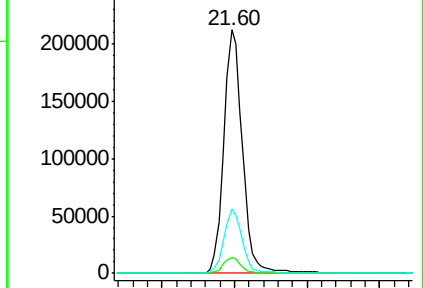
236 26.3 22.3 33.5



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: 101.81 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

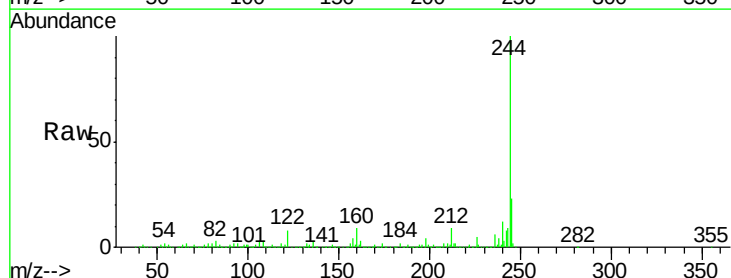
Tgt Ion:244 Resp: 1663161

Ion Ratio Lower Upper

244 100

212 9.4 7.4 11.0

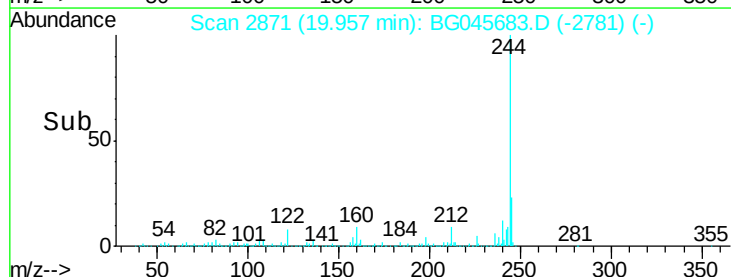
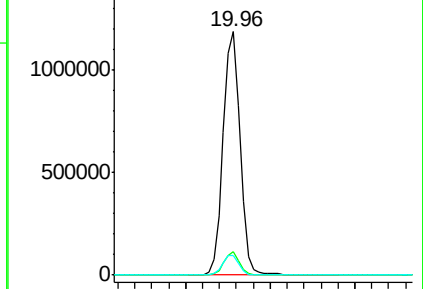
122 8.0 6.8 10.2

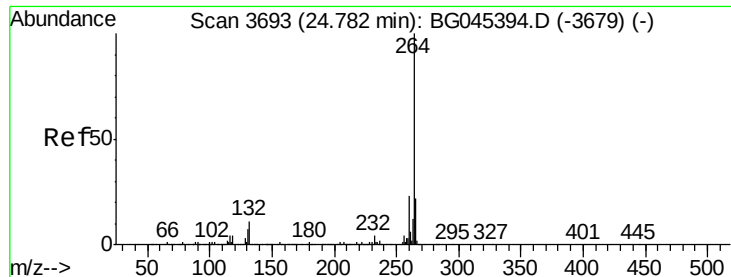


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.74 min Scan# 3685

Delta R.T. -0.01 min

Lab File: BG045683.D

Acq: 10 Jun 2020 6:37

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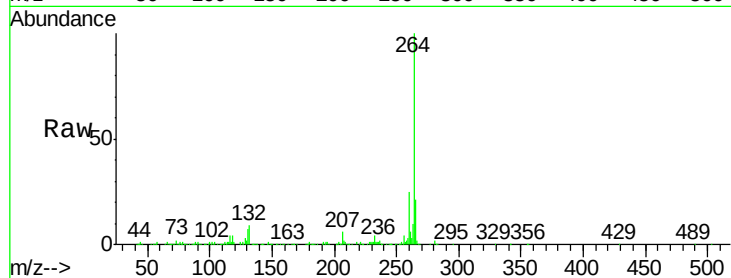
Tgt Ion:264 Resp: 401967

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.4

265 21.0 17.6 26.4



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

