

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071816\
 Data File : BG023158.D
 Acq On : 18 Jul 2016 13:15
 Operator : UM/SJ
 Sample : H4018-12RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F9-B4(0-12)C

Quant Time: Jul 19 01:01:40 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

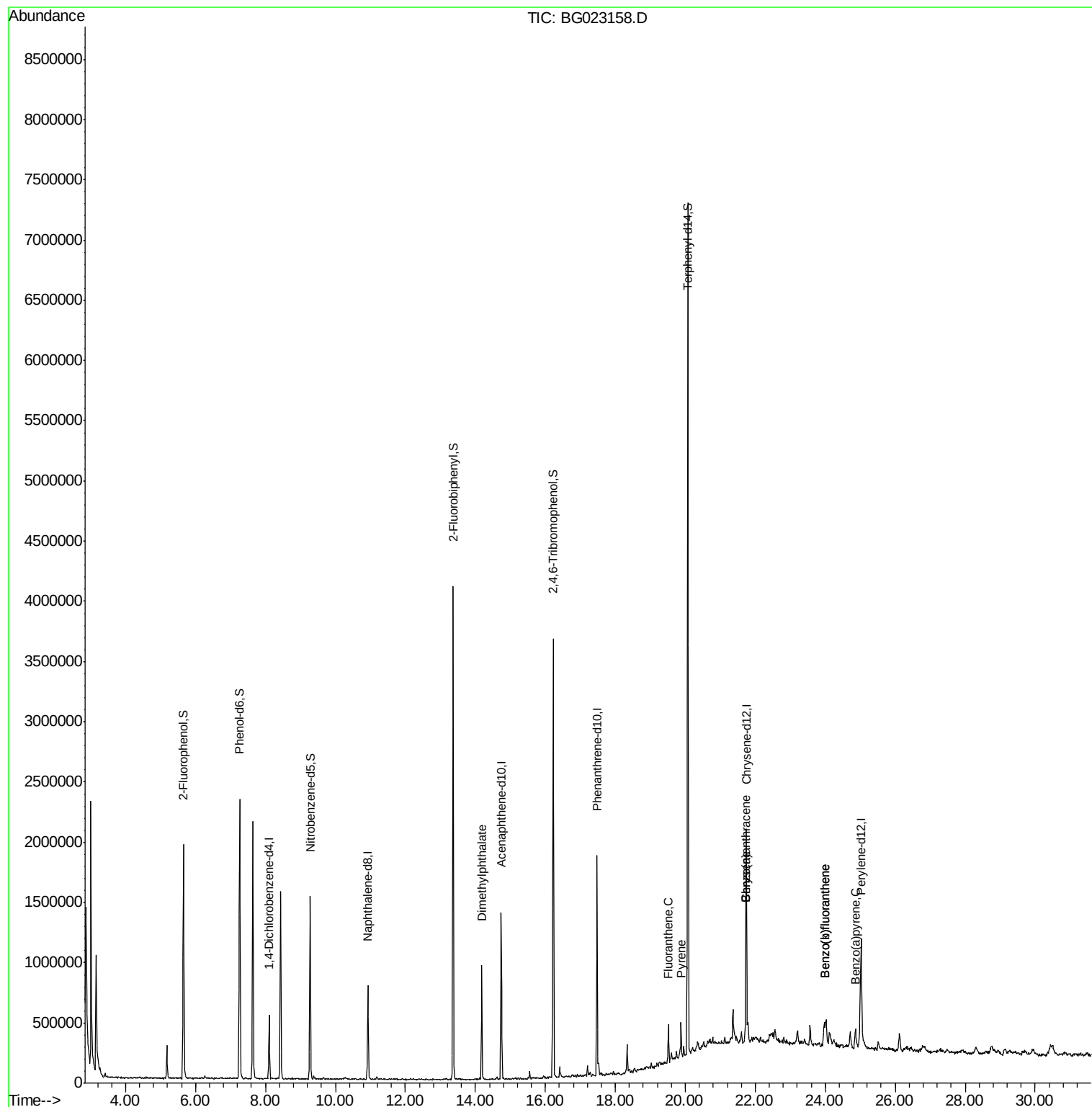
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	134977	20.00	ng	-0.05
21) Naphthalene-d8	10.93	136	627171	20.00	ng	-0.05
38) Acenaphthene-d10	14.74	164	478874	20.00	ng	-0.06
63) Phenanthrene-d10	17.48	188	1078580	20.00	ng	-0.08
75) Chrysene-d12	21.74	240	1073880	20.00	ng	-0.10
86) Perylene-d12	25.02	264	1064778	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	803744	97.39	ng	-0.04
7) Phenol-d6	7.26	99	1316000	101.81	ng	-0.04
23) Nitrobenzene-d5	9.28	82	995841	67.99	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	649854	75.51	ng	-0.07
44) 2-Fluorobiphenyl	13.37	172	1972008	64.86	ng	-0.05
78) Terphenyl-d14	20.07	244	2684314	76.22	ng	-0.09
Target Compounds						Qvalue
49) Dimethylphthalate	14.18	163	568581	14.54	ng	98
74) Fluoranthene	19.52	202	191214	2.95	ng	94
77) Pyrene	19.88	202	178756	2.96	ng	92
80) Benzo(a)anthracene	21.72	228	156505	2.60	ng	92
82) Chrysene	21.72	228	156505	2.78	ng	93
87) Benzo(b)fluoranthene	23.98	252	252899	4.12	ng	# 90
88) Benzo(k)fluoranthene	23.98	252	253507	4.35	ng	# 89
89) Benzo(a)pyrene	24.86	252	163296	2.77	ng	# 97

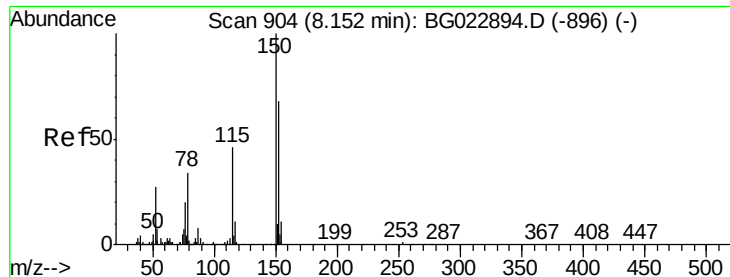
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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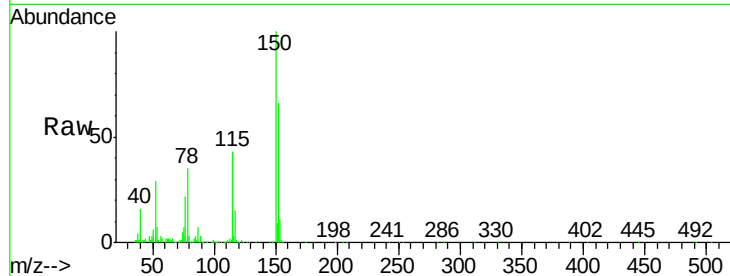


#1

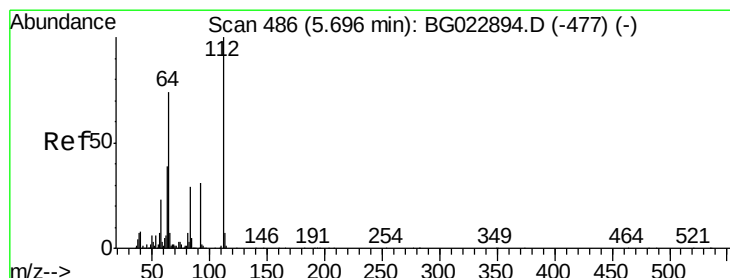
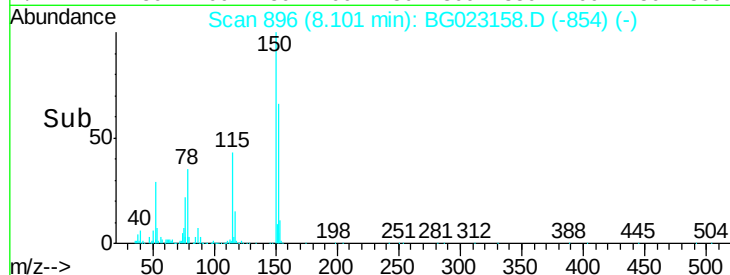
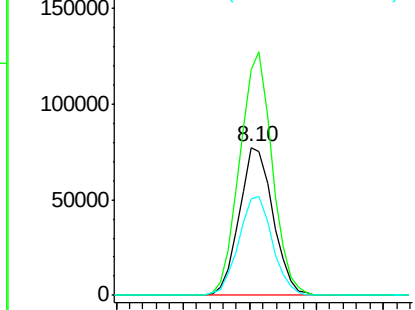
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 896
Delta R.T. -0.05 min
Lab File: BG023158.D
Acq: 18 Jul 2016 13:15

Instrument :
BNA_G
ClientSampleId :
F9-B4(0-12)C

Tgt Ion:152 Resp: 134977
Ion Ratio Lower Upper
152 100
150 152.5 144.7 217.1
115 65.5 64.0 96.0



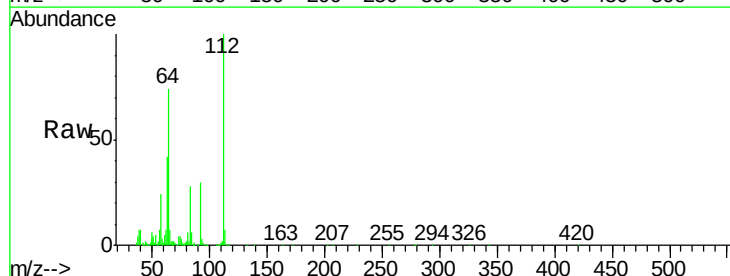
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



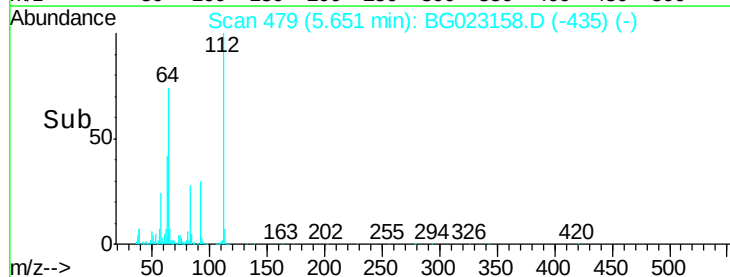
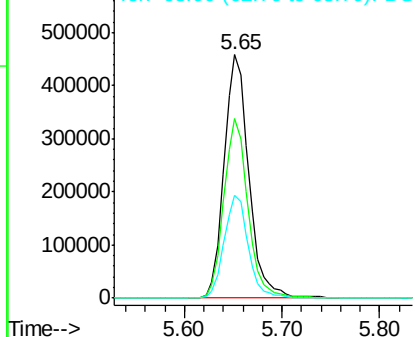
#5

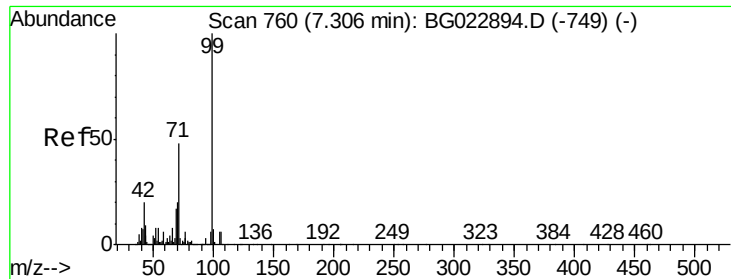
2-Fluorophenol
Concen: 97.39 ng
RT: 5.65 min Scan# 479
Delta R.T. -0.04 min
Lab File: BG023158.D
Acq: 18 Jul 2016 13:15

Tgt Ion:112 Resp: 803744
Ion Ratio Lower Upper
112 100
64 73.9 59.0 88.4
63 42.2 37.8 56.8



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: 101.81 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.04 min

Lab File: BG023158.D

Acq: 18 Jul 2016 13:15

Instrument :

BNA_G

ClientSampleId :

F9-B4(0-12)C

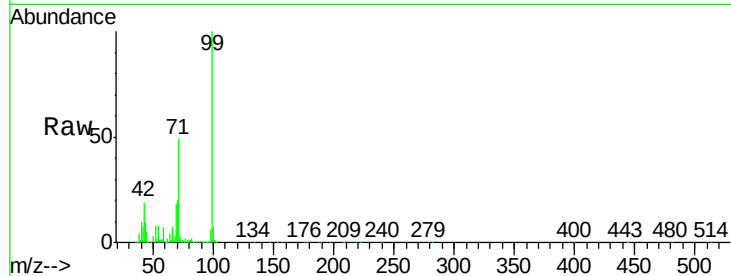
Tgt Ion: 99 Resp: 1316000

Ion Ratio Lower Upper

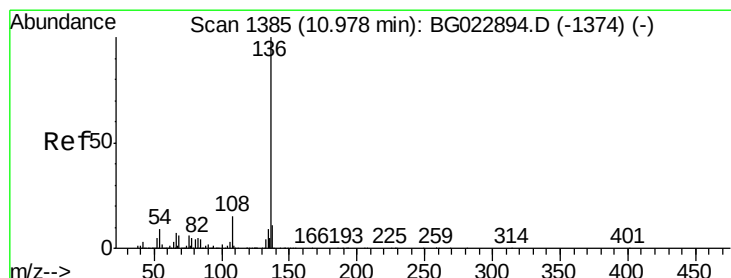
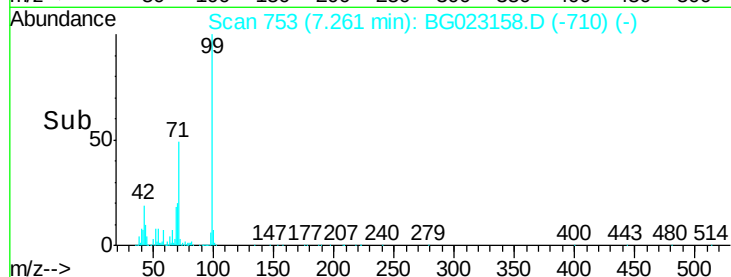
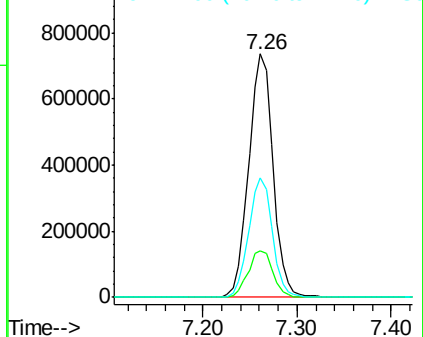
99 100

42 19.2 17.8 26.6

71 48.8 41.5 62.3



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: 10.93 min Scan# 1377

Delta R.T. -0.05 min

Lab File: BG023158.D

Acq: 18 Jul 2016 13:15

Tgt Ion: 136 Resp: 627171

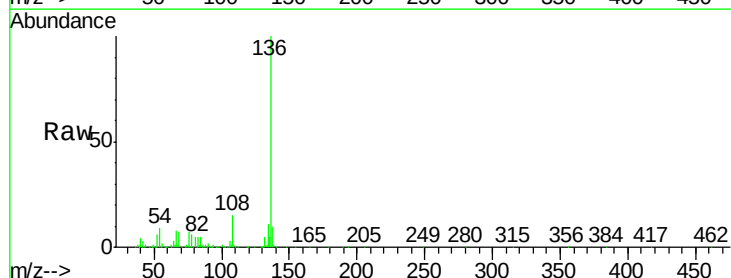
Ion Ratio Lower Upper

136 100

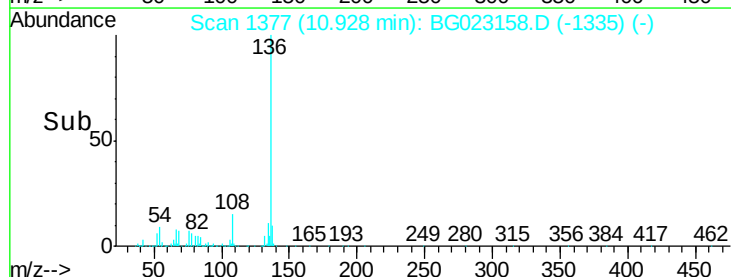
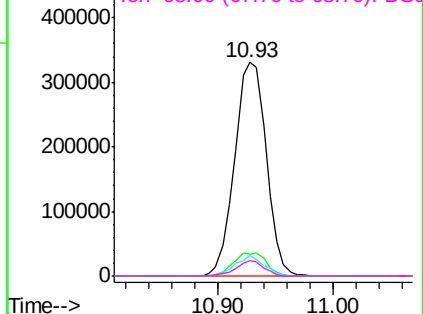
137 10.5 9.6 14.4

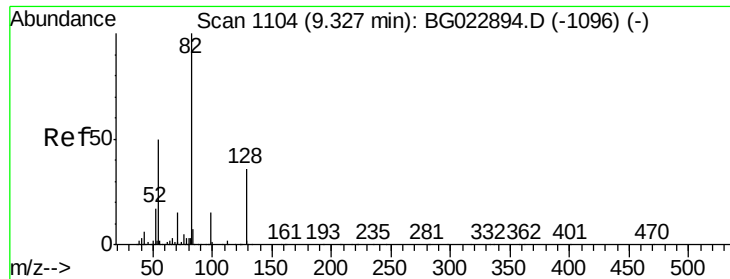
54 9.3 7.3 10.9

68 7.0 5.3 7.9



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

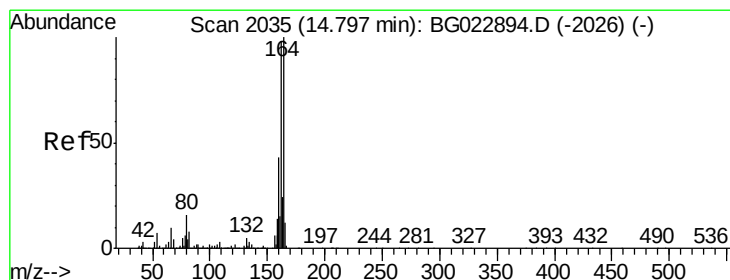
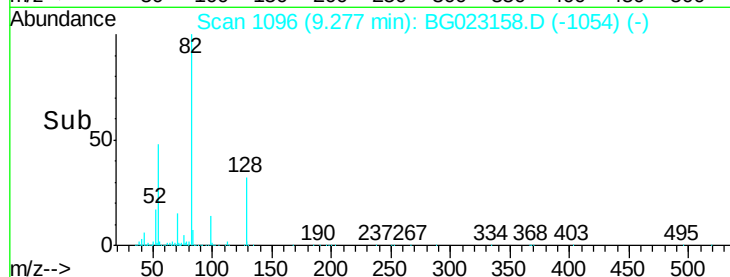
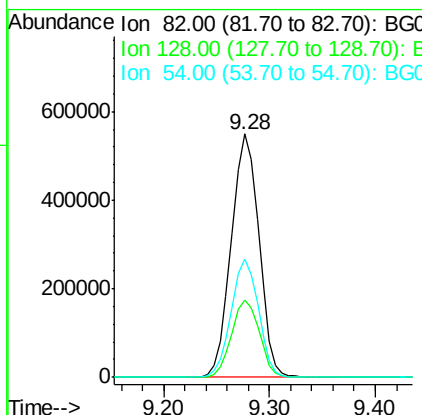
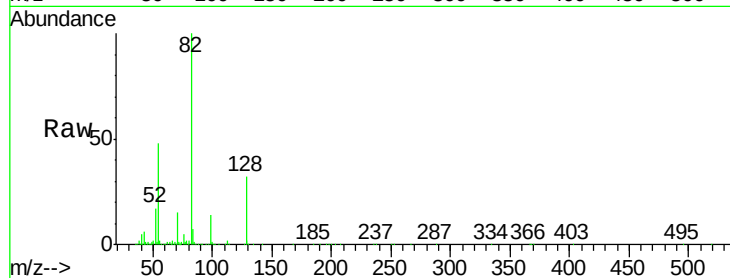




#23
 Nitrobenzene-d5
 Concen: 67.99 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.05 min
 Lab File: BG023158.D
 Acq: 18 Jul 2016 13:15

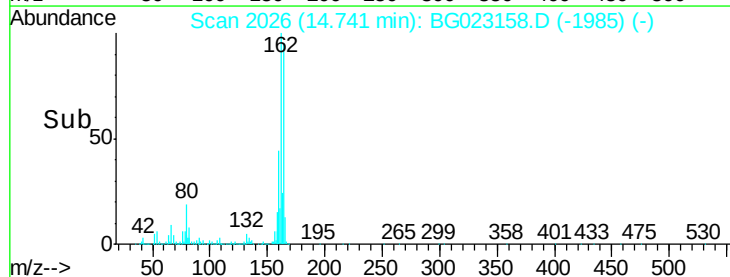
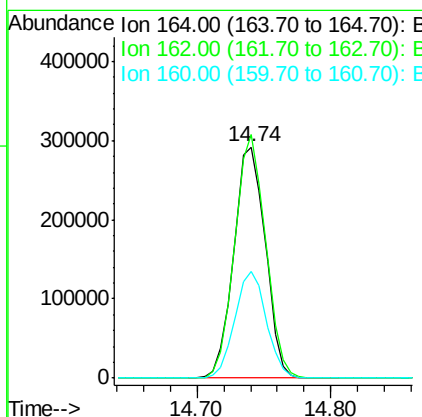
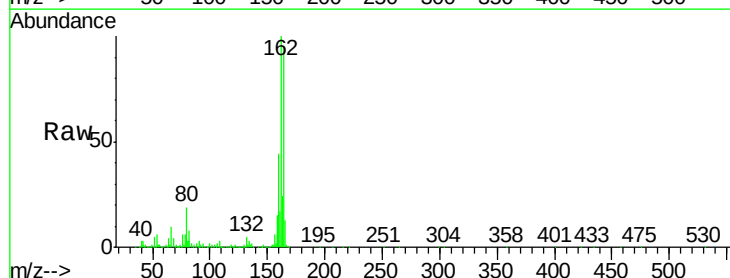
Instrument :
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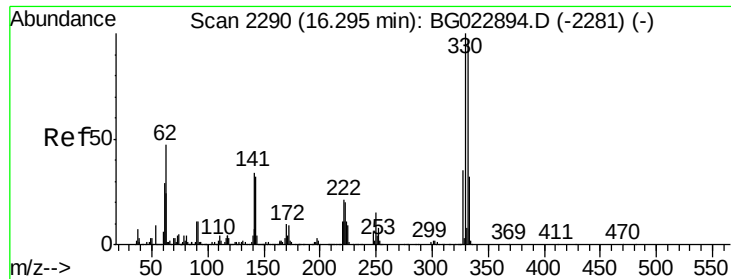
Tgt Ion: 82 Resp: 995841
 Ion Ratio Lower Upper
 82 100
 128 31.7 24.4 36.6
 54 48.4 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.06 min
 Lab File: BG023158.D
 Acq: 18 Jul 2016 13:15

Tgt Ion: 164 Resp: 478874
 Ion Ratio Lower Upper
 164 100
 162 105.3 87.7 131.5
 160 46.1 37.2 55.8

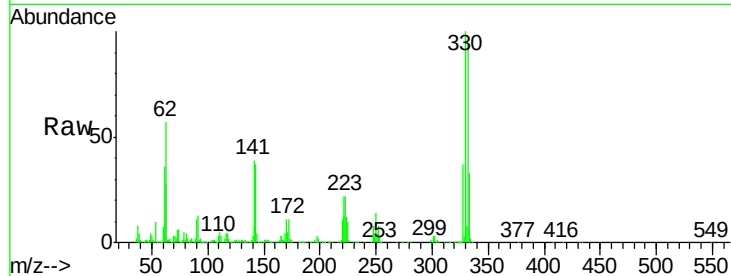




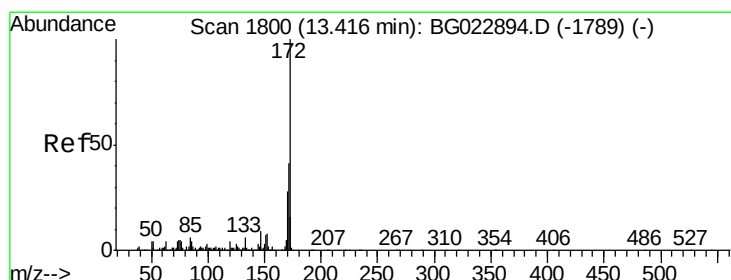
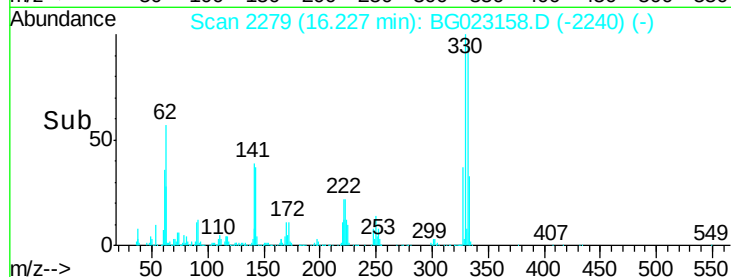
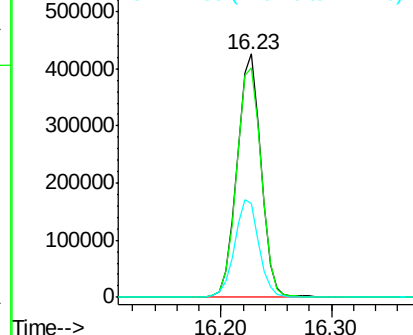
#41
2,4,6-Tribromophenol
Concen: 75.51 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.07 min
Lab File: BG023158.D
Acq: 18 Jul 2016 13:15

Instrument :
BNA_G
ClientSampleId :
F9-B4(0-12)C

Tgt Ion:330 Resp: 649854
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 40.4 31.7 47.5

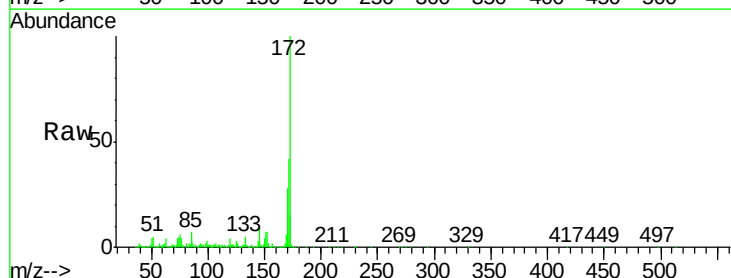


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44
2-Fluorobiphenyl
Concen: 64.86 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.05 min
Lab File: BG023158.D
Acq: 18 Jul 2016 13:15

Tgt Ion:172 Resp: 1972008
Ion Ratio Lower Upper
172 100
171 42.1 31.6 47.4
170 28.3 21.3 31.9



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

