

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020993.D
 Acq On : 20 Feb 2016 4:46
 Operator : SJ/UM
 Sample : H1486-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-27

Quant Time: Feb 20 05:58:08 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

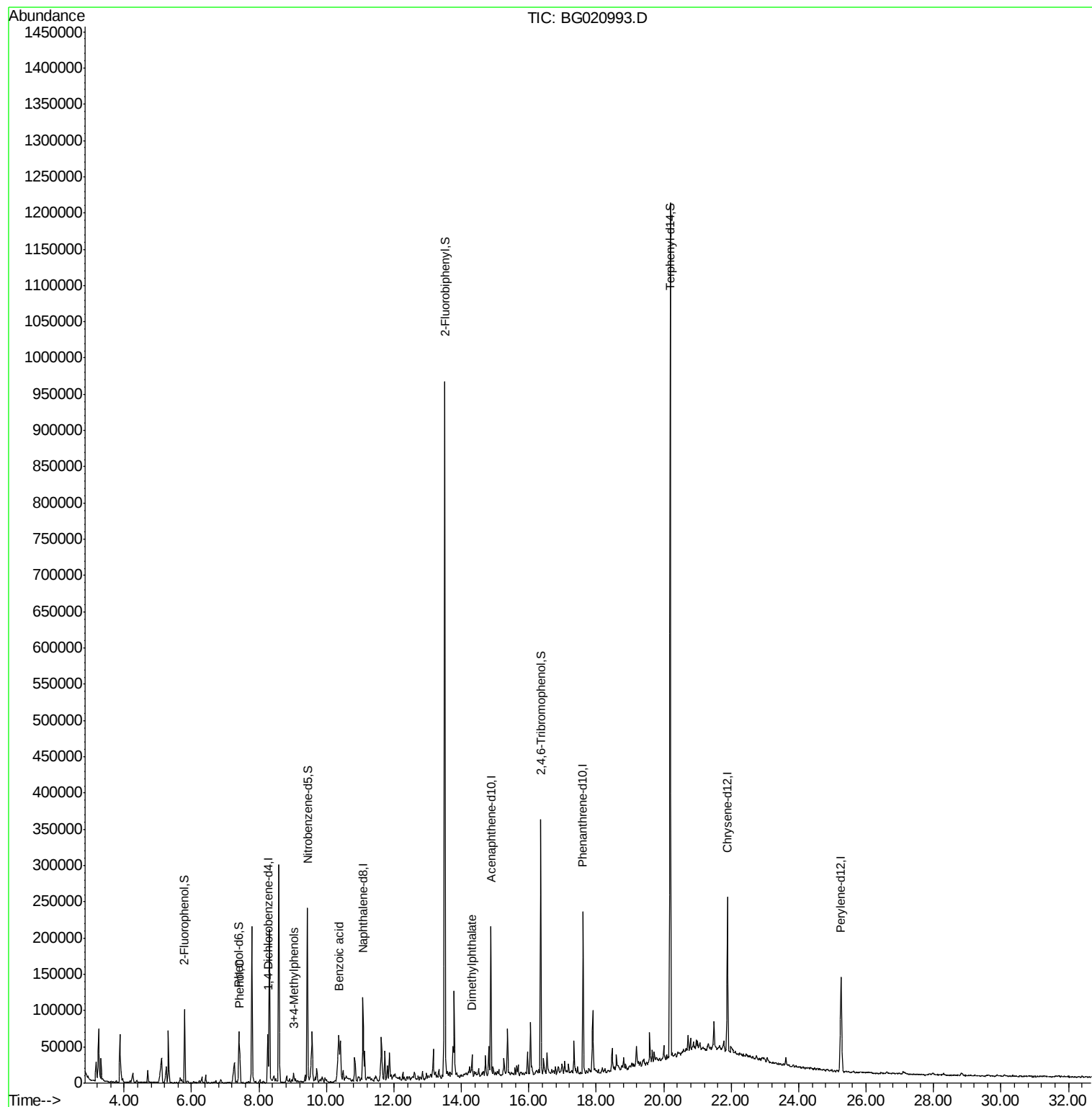
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	20796	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	116045	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	69235	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	134449	20.00	ng	-0.01
75) Chrysene-d12	21.89	240	123981	20.00	ng	-0.02
86) Perylene-d12	25.25	264	120000	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	56482	45.74	ng	0.00
7) Phenol-d6	7.40	99	51757	28.68	ng	0.00
23) Nitrobenzene-d5	9.43	82	164898	93.43	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	67123	98.59	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	477564	96.89	ng	0.00
78) Terphenyl-d14	20.19	244	508720	95.72	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.43	94	26404	13.82	ng	99
20) 3+4-Methylphenols	9.02	107	7093	3.70	ng	96
32) Benzoic acid	10.37	122	34675	23.30	ng	97
49) Dimethylphthalate	14.32	163	21323	3.94	ng	# 97

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

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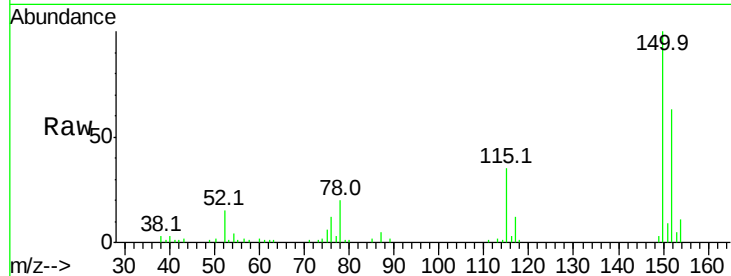


#1

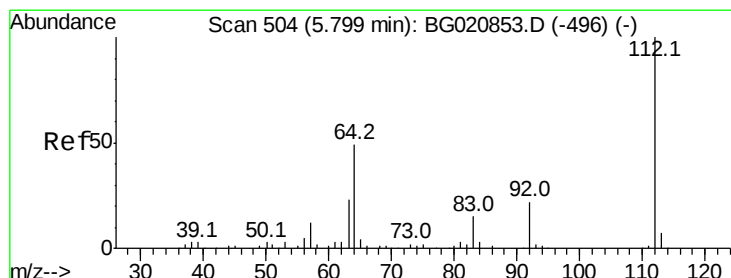
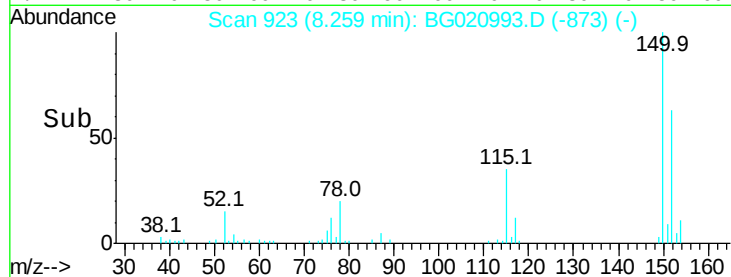
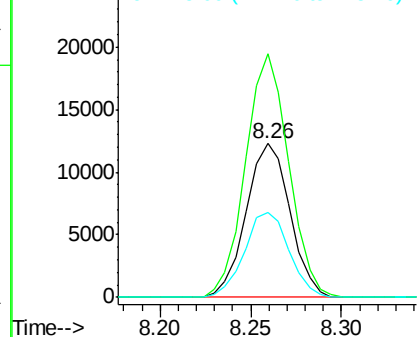
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG020993.D
Acq: 20 Feb 2016 4:46

Instrument :
BNA_G
ClientSampled :
TEC-27

Tot Ion:152 Resp: 20796
Ion Ratio Lower Upper
152 100
150 158.2 122.0 183.0
115 55.6 45.2 67.8



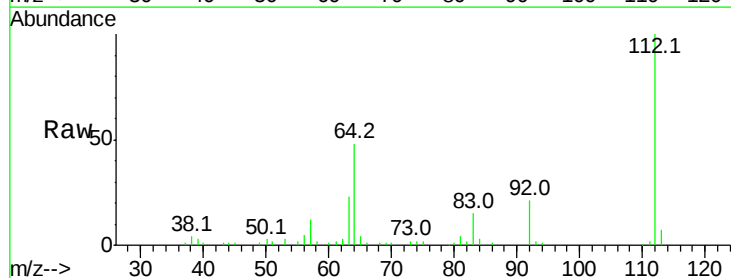
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



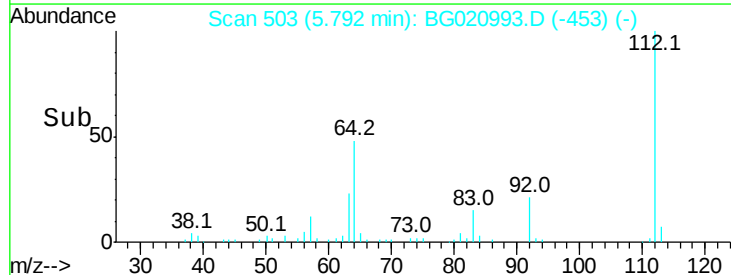
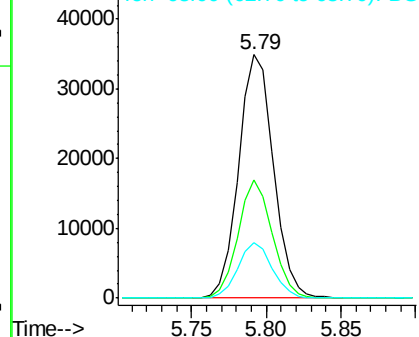
#5

2-Fluorophenol
Concen: 45.74 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG020993.D
Acq: 20 Feb 2016 4:46

Tgt Ion:112 Resp: 56482
Ion Ratio Lower Upper
112 100
64 48.4 39.3 58.9
63 23.0 18.2 27.4



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: 28.68 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020993.D

Acq: 20 Feb 2016 4:46

Instrument :

BNA_G

ClientSampleId :

TEC-27

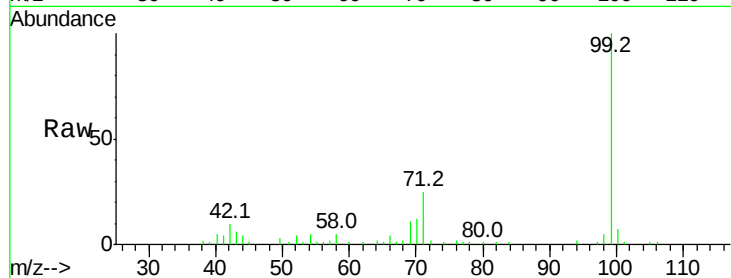
Tot Ion: 99 Resp: 51757

Ion Ratio Lower Upper

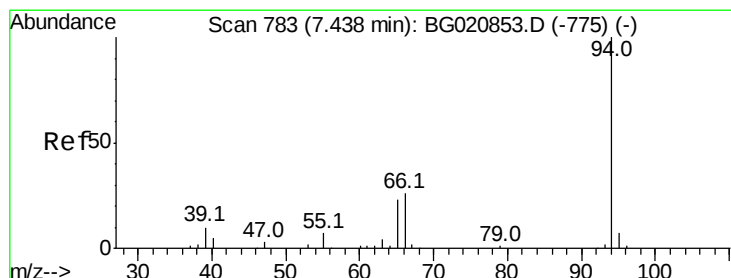
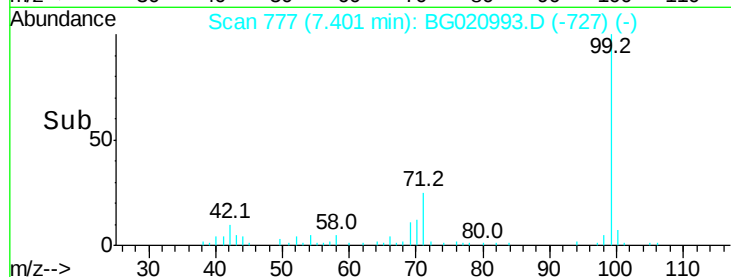
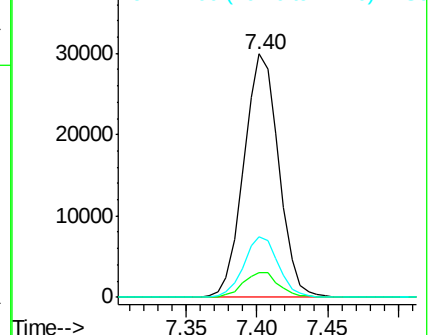
99 100

42 10.2 8.4 12.6

71 25.1 19.4 29.0



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



#10

Phenol

Concen: 13.82 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG020993.D

Acq: 20 Feb 2016 4:46

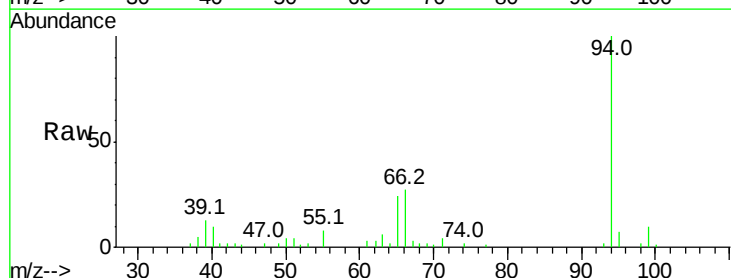
Tgt Ion: 94 Resp: 26404

Ion Ratio Lower Upper

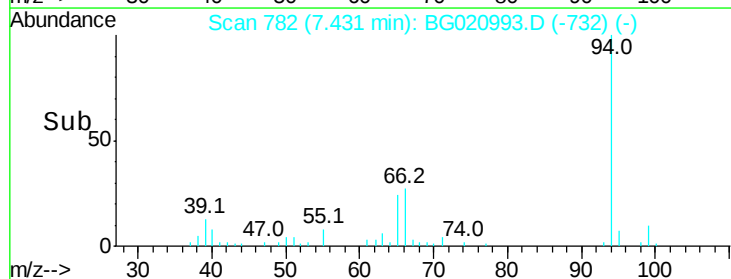
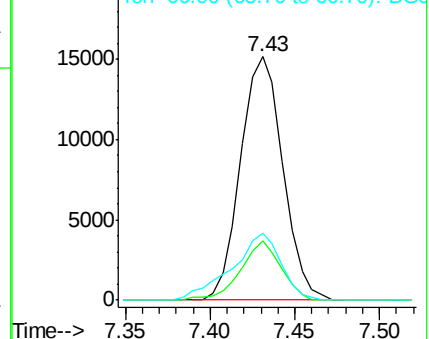
94 100

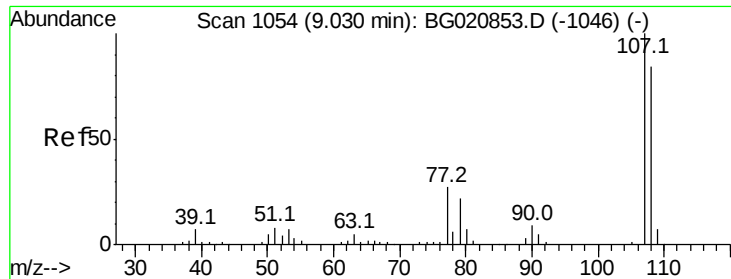
65 24.1 2.8 42.8

66 27.3 7.2 47.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

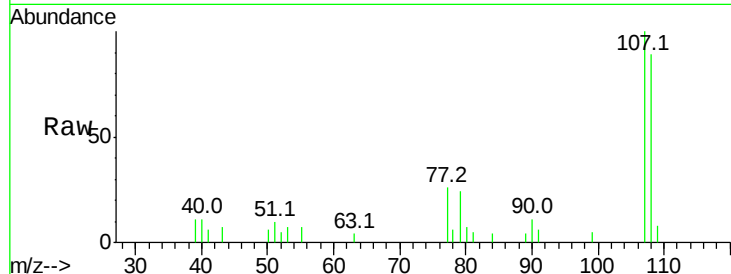




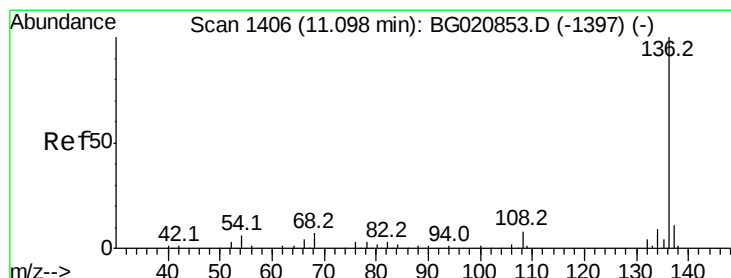
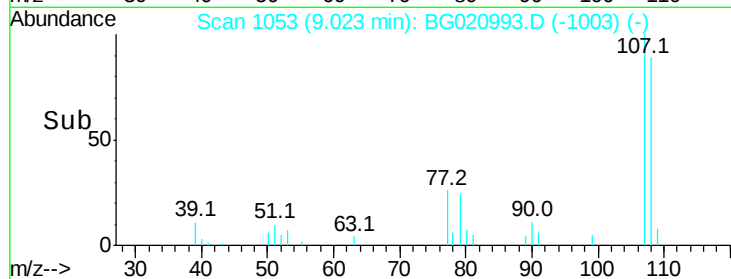
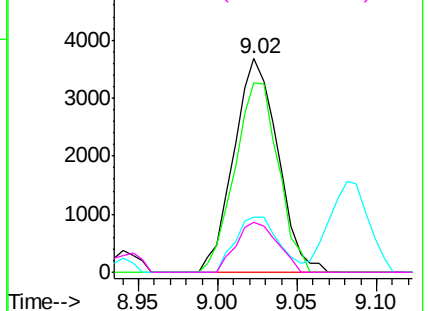
#20
3+4-Methylphenols
Concen: 3.70 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG020993.D
Acq: 20 Feb 2016 4:46

Instrument :
BNA_G
ClientSampled :
TEC-27

Tot Ion:	107	Resp:	7093
Ion	Ratio	Lower	Upper
107	100		
108	88.6	64.4	104.4
77	25.8	7.1	47.1
79	23.7	1.9	41.9



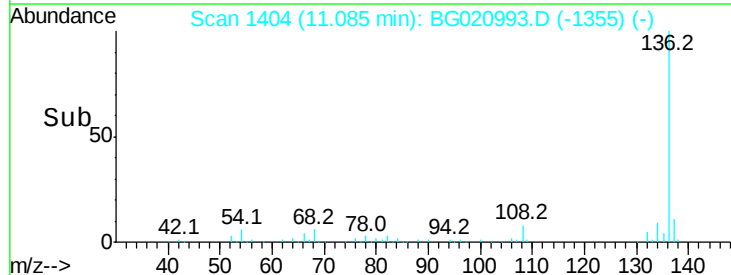
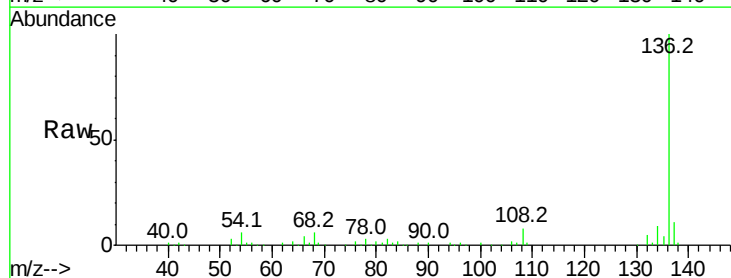
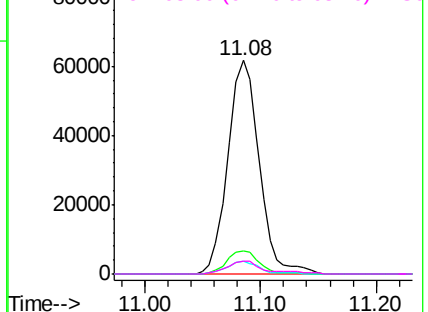
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

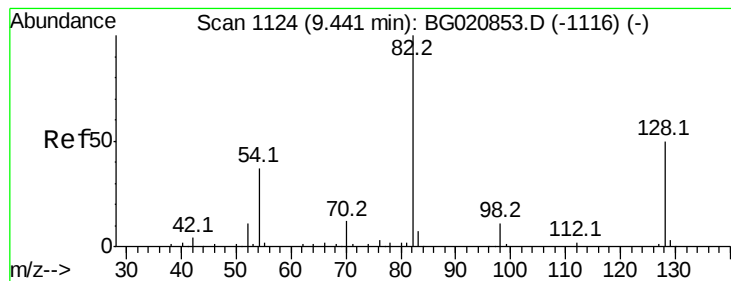


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.08 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG020993.D
Acq: 20 Feb 2016 4:46

Tgt Ion:	136	Resp:	116045
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	5.9	5.0	7.4
68	5.8	5.2	7.8

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG





#23

Nitrobenzene-d5

Concen: 93.43 ng

RT: 9.43 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG020993.D

Acq: 20 Feb 2016 4:46

Instrument :

BNA_G

ClientSampleId :

TEC-27

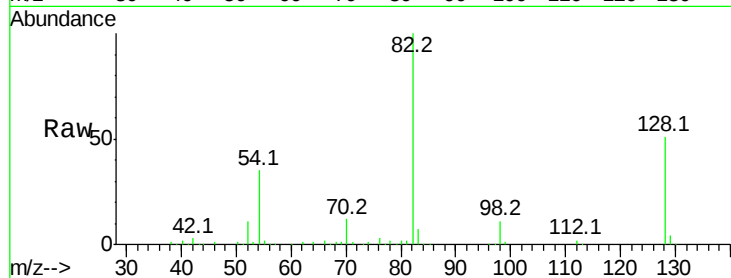
Tot Ion: 82 Resp: 164898

Ion Ratio Lower Upper

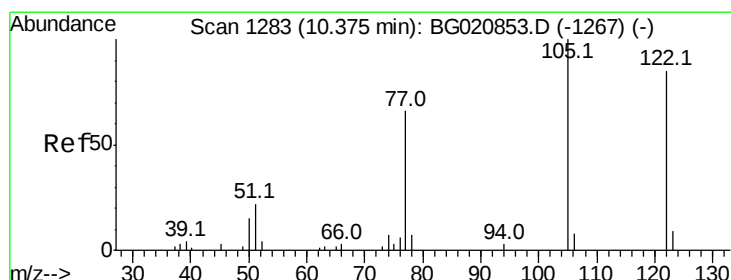
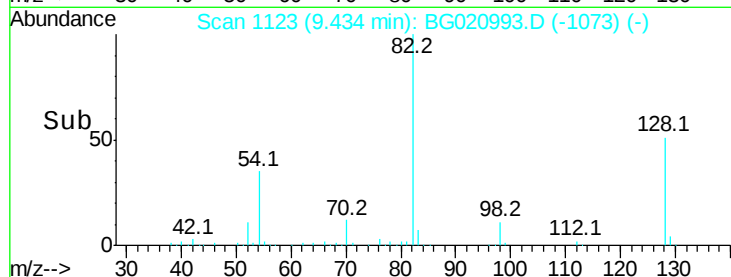
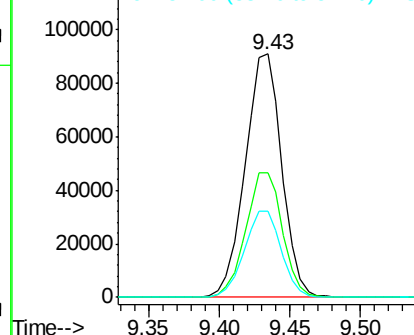
82 100

128 51.1 40.1 60.1

54 35.5 29.5 44.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#32

Benzoic acid

Concen: 23.30 ng

RT: 10.37 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG020993.D

Acq: 20 Feb 2016 4:46

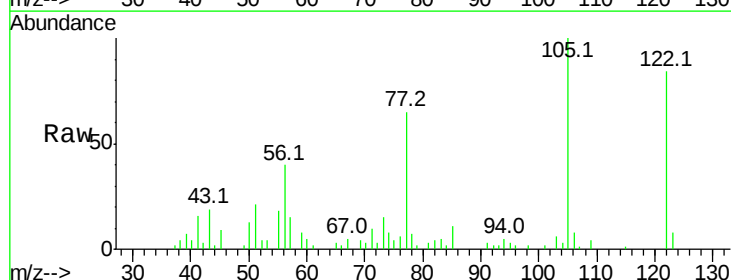
Tgt Ion: 122 Resp: 34675

Ion Ratio Lower Upper

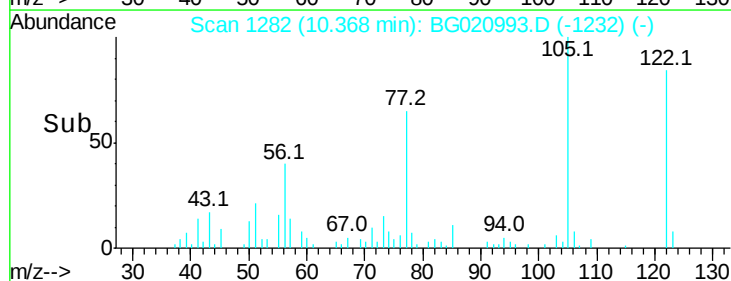
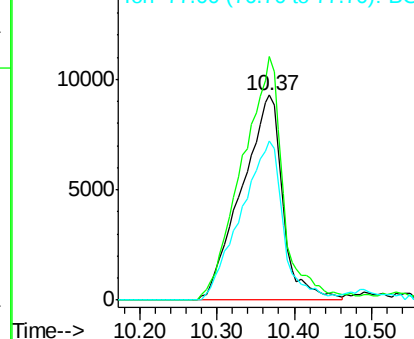
122 100

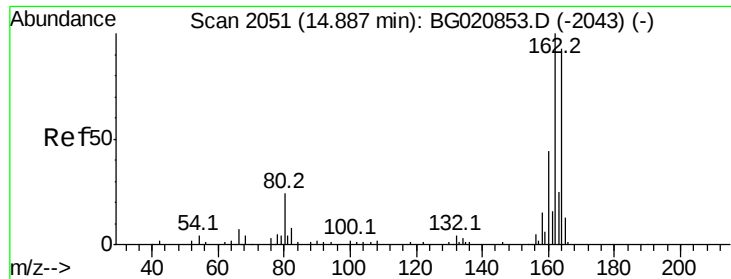
105 118.9 94.0 134.0

77 77.7 56.8 96.8



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

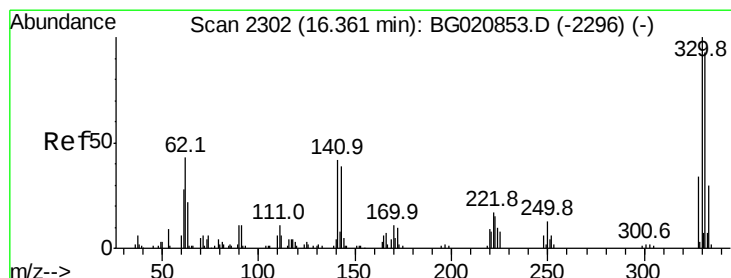
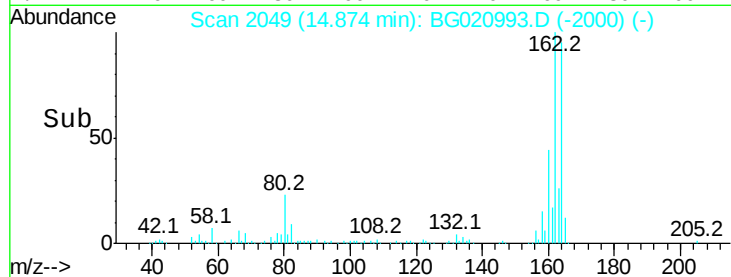
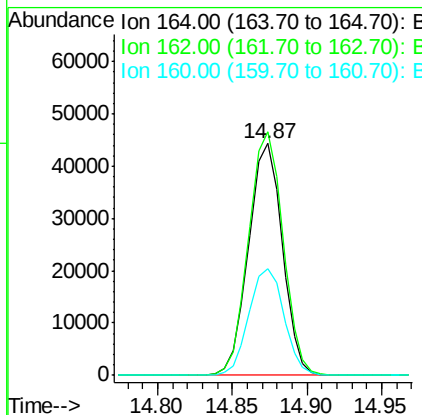
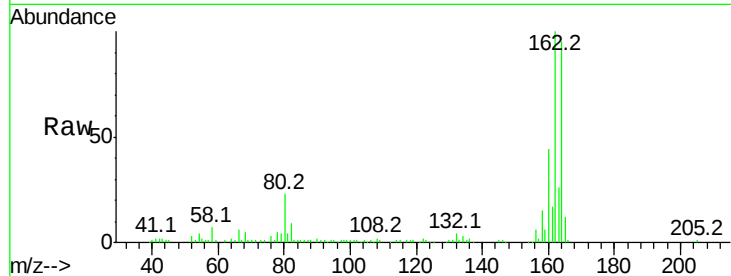




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG020993.D
 Acq: 20 Feb 2016 4:46

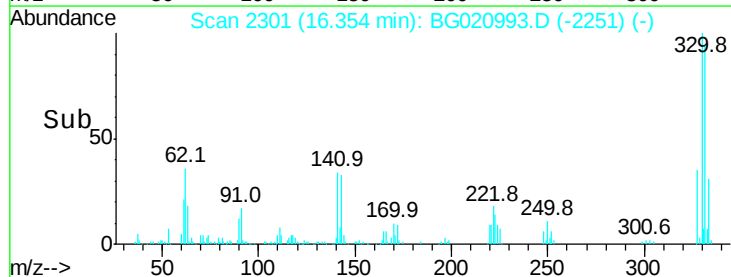
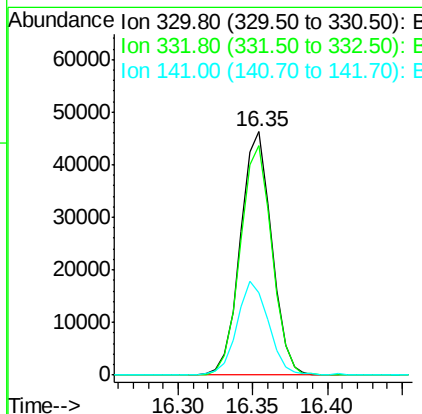
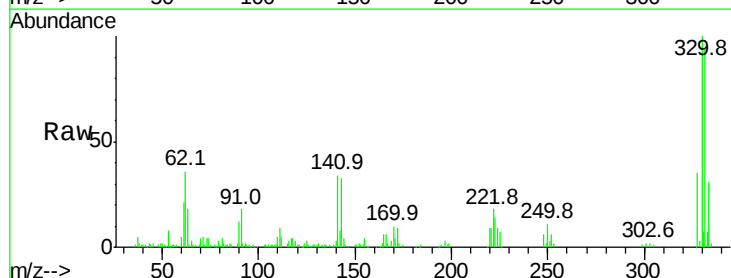
Instrument :
 BNA_G
 ClientSampleId :
 TEC-27

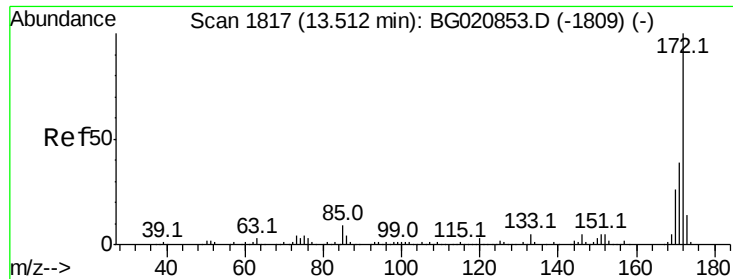
Tot Ion:164 Resp: 69235
 Ion Ratio Lower Upper
 164 100
 162 105.0 85.7 128.5
 160 46.2 37.4 56.0



#41
 2,4,6-Tribromophenol
 Concen: 98.59 ng
 RT: 16.35 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG020993.D
 Acq: 20 Feb 2016 4:46

Tgt Ion:330 Resp: 67123
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.1 114.1
 141 39.2 32.0 48.0

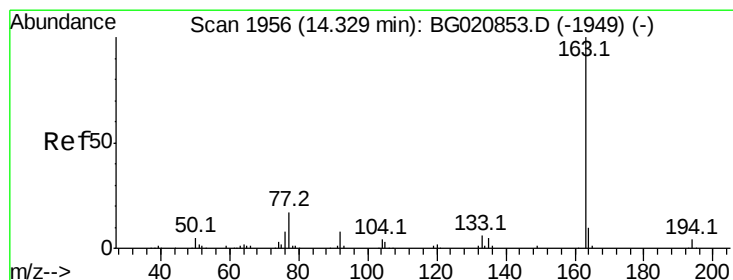
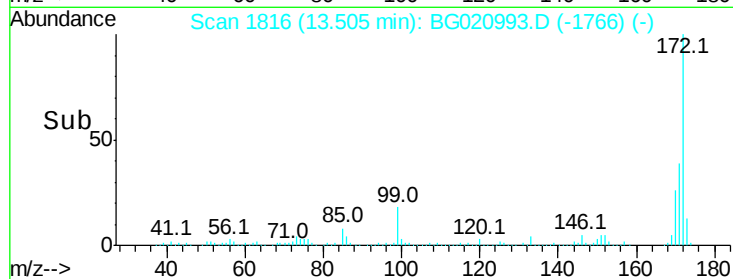
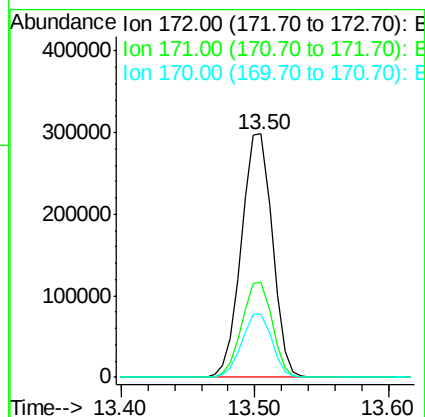
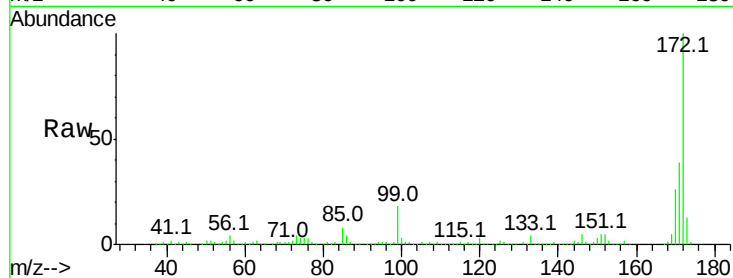




#44
2-Fluorobiphenyl
Concen: 96.89 ng
RT: 13.50 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG020993.D
Acq: 20 Feb 2016 4:46

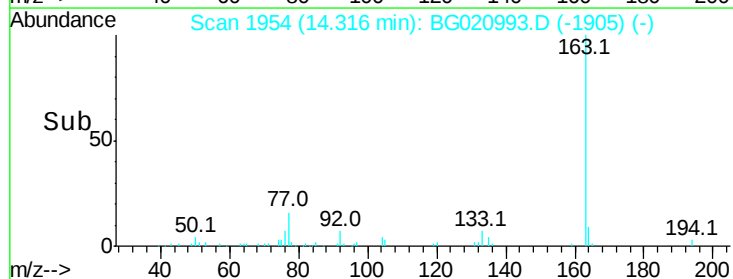
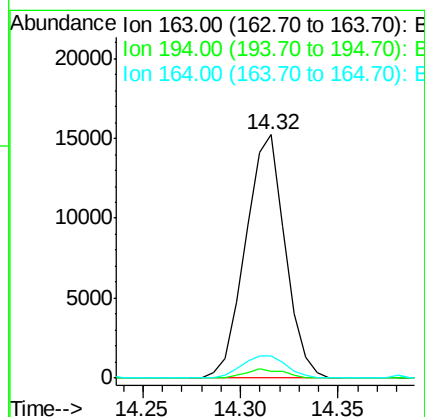
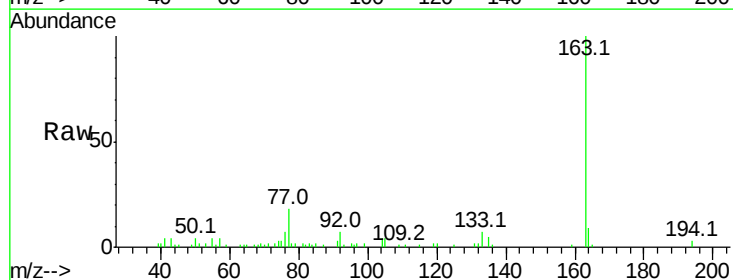
Instrument :
BNA_G
ClientSampleId :
TEC-27

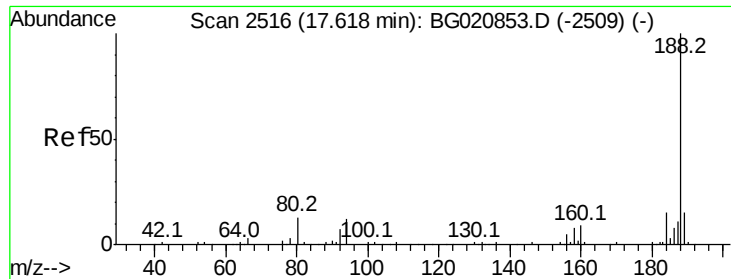
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.2	46.8
170	26.0	20.6	30.8



#49
Dimethylphthalate
Concen: 3.94 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG020993.D
Acq: 20 Feb 2016 4:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.1	4.7#
164	9.2	8.3	12.5

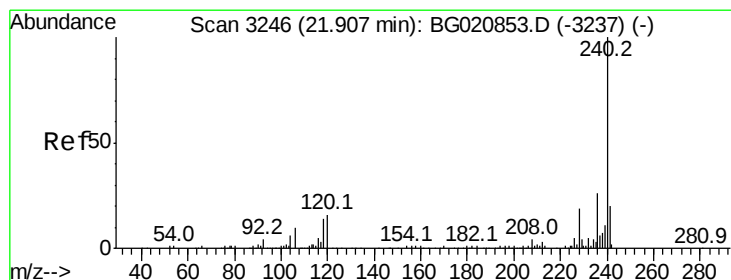
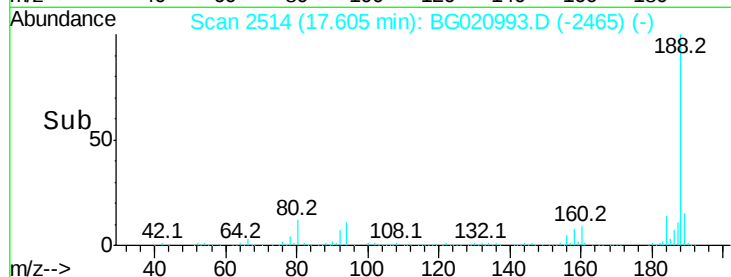
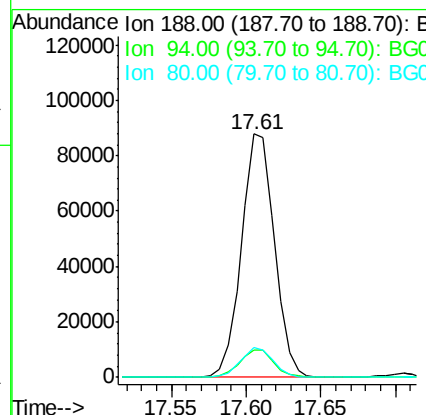
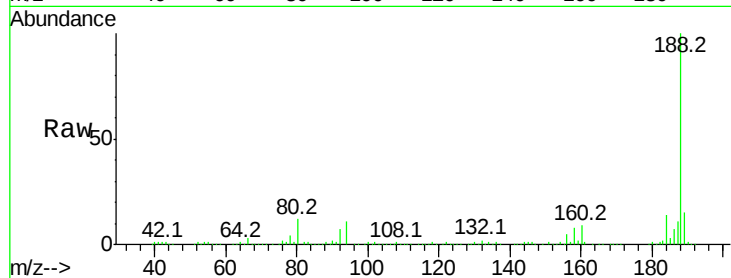




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020993.D
Acq: 20 Feb 2016 4:46

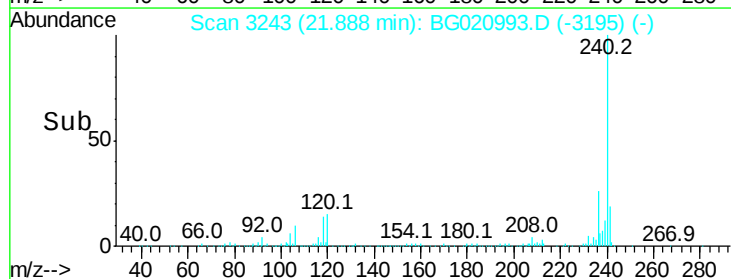
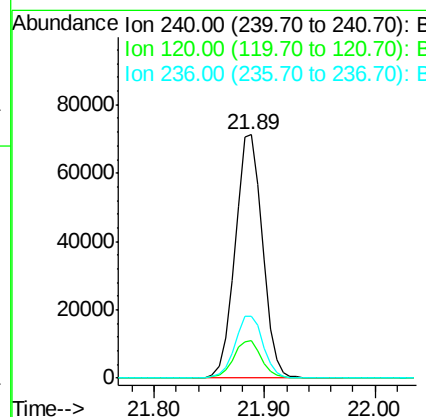
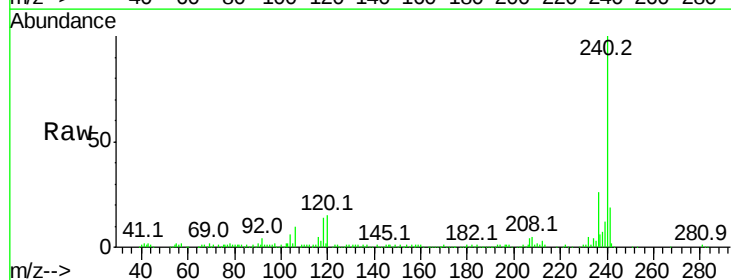
Instrument :
BNA_G
ClientSampleId :
TEC-27

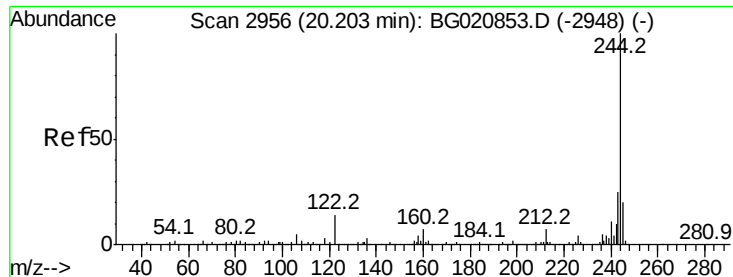
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.0
80	12.1	10.2	15.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.02 min
Lab File: BG020993.D
Acq: 20 Feb 2016 4:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	13.0	19.4
236	25.6	21.0	31.4





#78

Terphenyl-d14

Concen: 95.72 ng

RT: 20.19 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BG020993.D

Acq: 20 Feb 2016 4:46

Instrument :

BNA_G

ClientSampled :

TEC-27

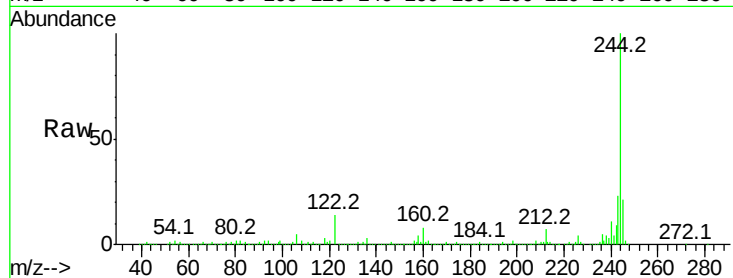
Tot Ion:244 Resp: 508720

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

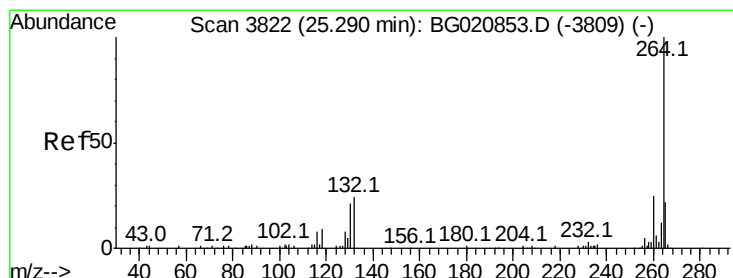
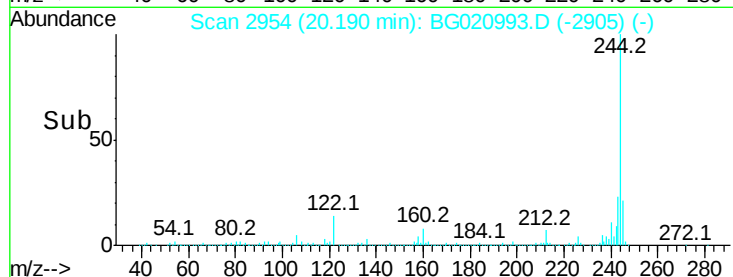
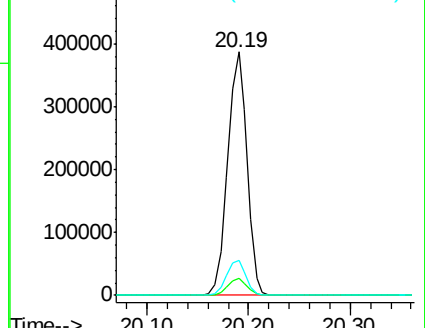
122 14.2 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3816

Delta R.T. -0.04 min

Lab File: BG020993.D

Acq: 20 Feb 2016 4:46

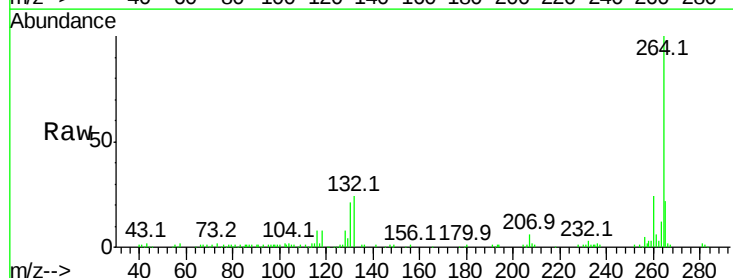
Tgt Ion:264 Resp: 120000

Ion Ratio Lower Upper

264 100

260 23.7 19.9 29.9

265 21.5 18.0 27.0



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

