

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012015\
 Data File : BG015904.D
 Acq On : 20 Jan 2015 22:45
 Operator : TP/IZ
 Sample : G1101-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-26

Quant Time: Jan 21 12:43:32 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 17:47:40 2015
 Response via : Initial Calibration

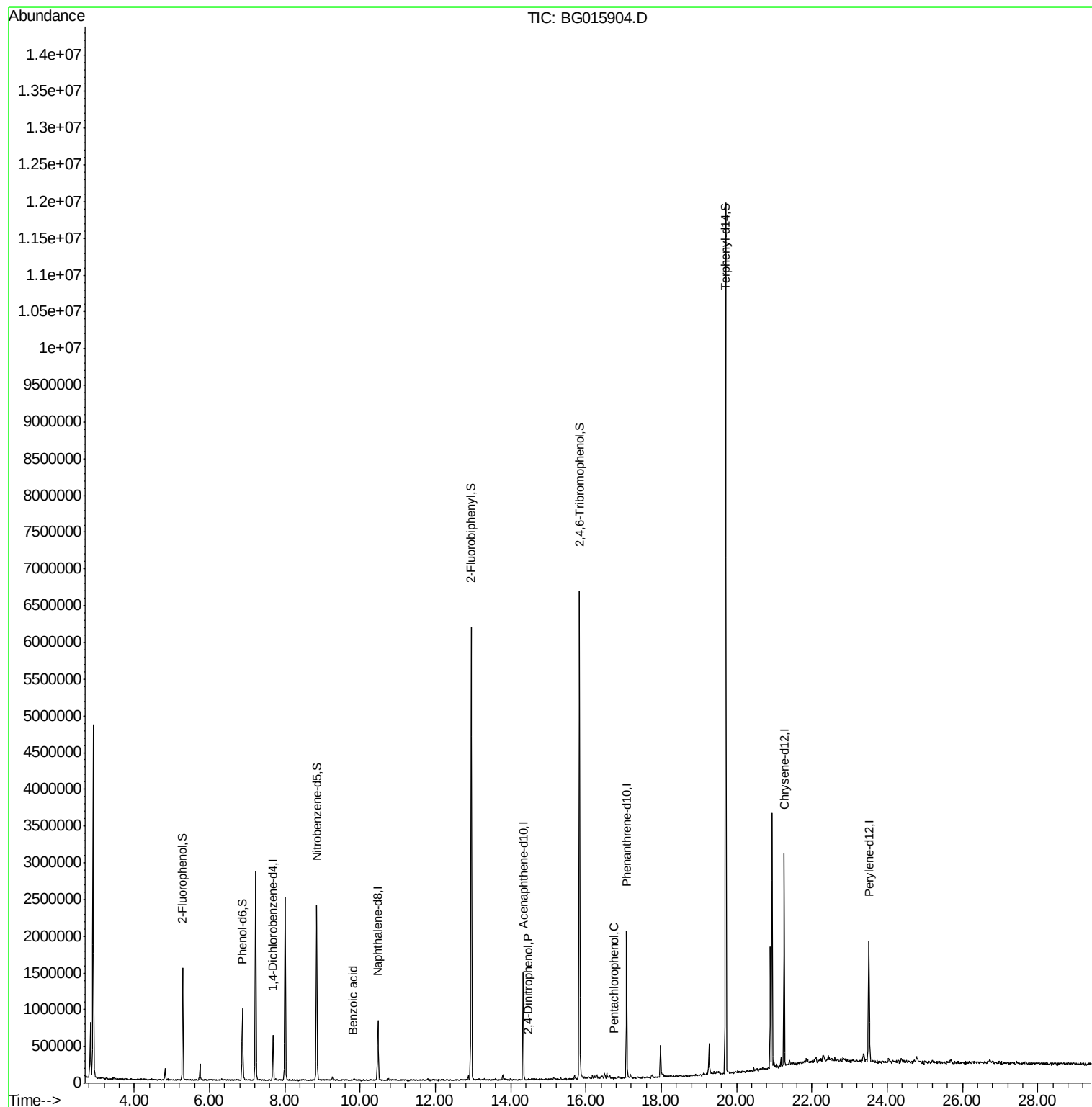
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	110630	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	482495	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	425613	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	1007794	20.00	ng	0.00
75) Chrysene-d12	21.27	240	1352181	20.00	ng	0.00
86) Perylene-d12	23.51	264	1277570	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	474298	63.84	ng	0.00
7) Phenol-d6	6.87	99	473931	39.59	ng	0.00
23) Nitrobenzene-d5	8.85	82	1458171	87.12	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	993338	127.49	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	2402767	88.58	ng	0.00
78) Terphenyl-d14	19.72	244	3800249	77.49	ng	0.00
Target Compounds						
32) Benzoic acid	9.80	122	267	10.38	ng	# 1
53) 2,4-Dinitrophenol	14.46	184	234	4.56	ng	# 51
69) Pentachlorophenol	16.74	266	239	5.26	ng	# 50
80) Benzo(a)anthracene	21.27	228	8683	Below Cal		# 61

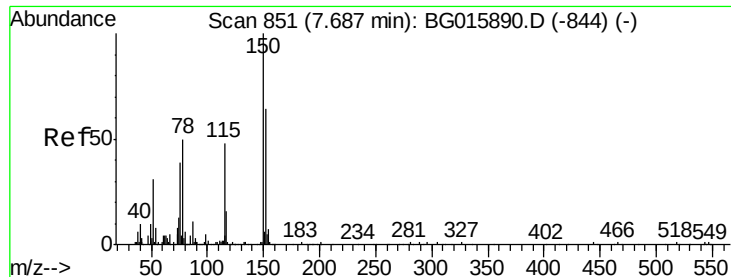
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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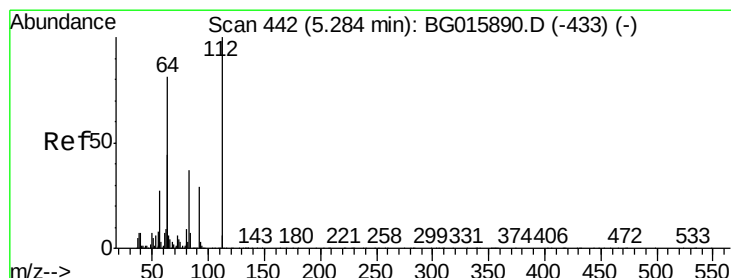
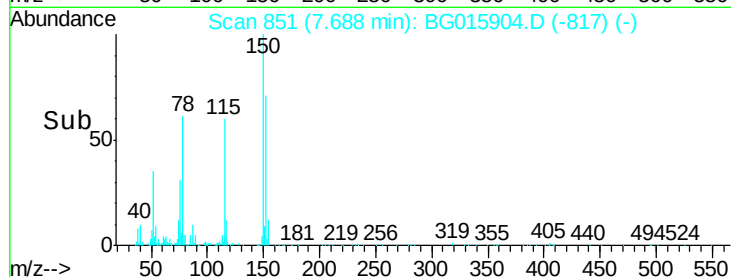
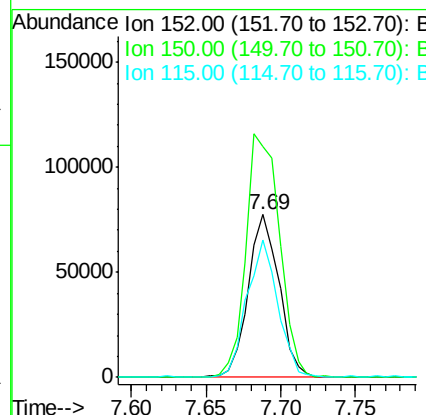
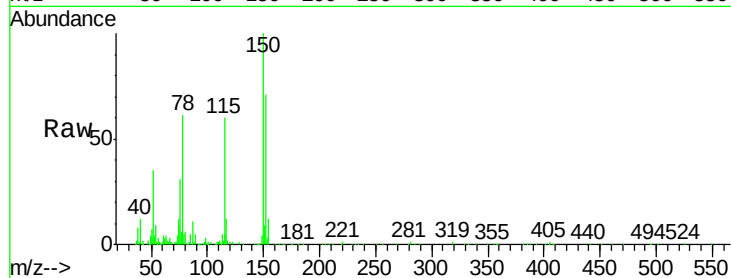


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. 0.00 min
Lab File: BG015904.D
Acq: 20 Jan 2015 22:45

Instrument :
BNA_G
ClientSampleId :
TE-MW-2-26

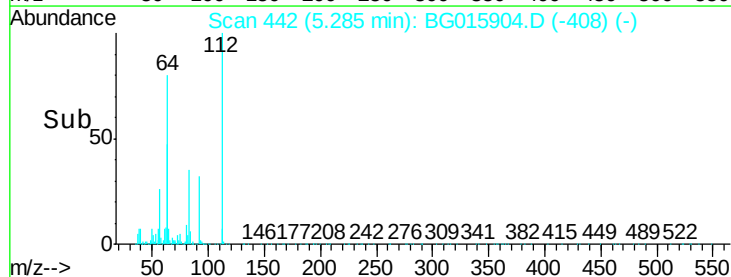
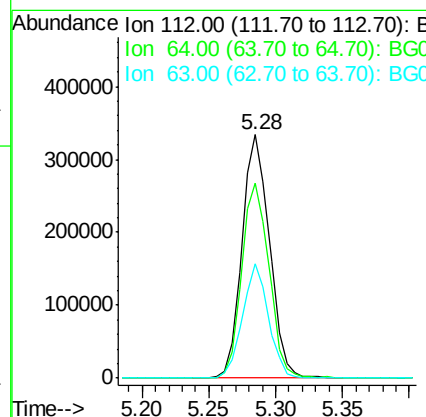
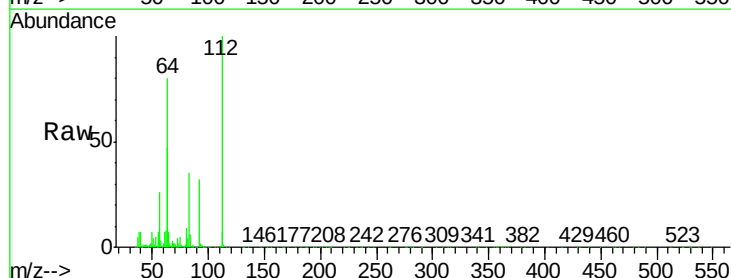
Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.4	124.5	186.7
115	84.5	60.4	90.6

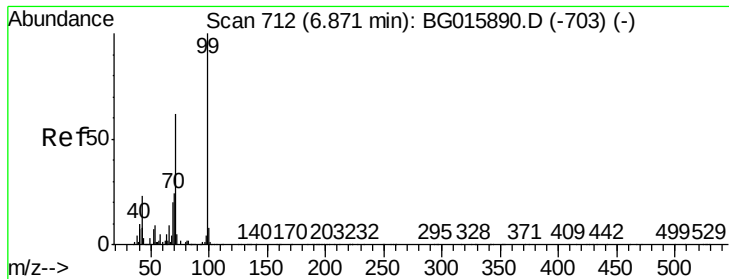


#5

2-Fluorophenol
Concen: 63.84 ng
RT: 5.28 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG015904.D
Acq: 20 Jan 2015 22:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.3	64.4	96.6
63	46.9	35.1	52.7





#7

Phenol-d6

Concen: 39.59 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG015904.D

Acq: 20 Jan 2015 22:45

Instrument :

BNA_G

ClientSampleId :

TE-MW-2-26

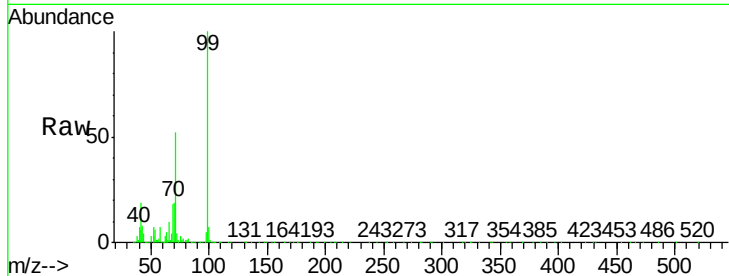
Tgt Ion: 99 Resp: 473931

Ion Ratio Lower Upper

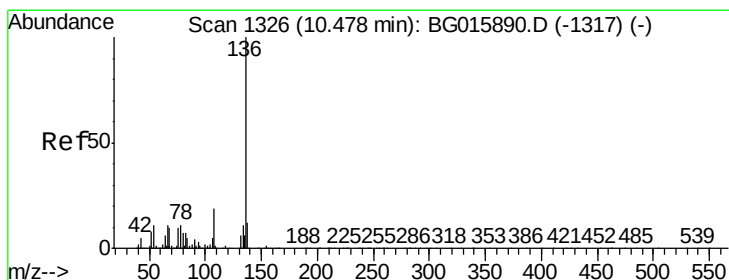
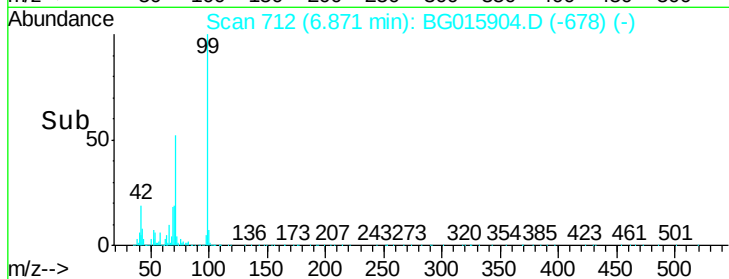
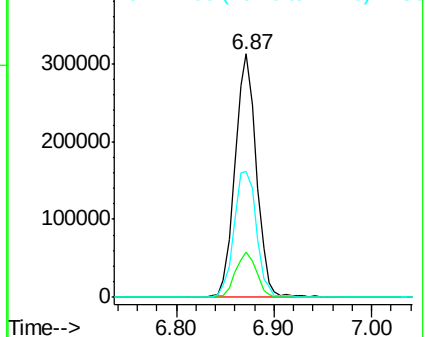
99 100

42 18.5 18.1 27.1

71 51.6 49.8 74.8



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: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG015904.D

Acq: 20 Jan 2015 22:45

Tgt Ion: 136 Resp: 482495

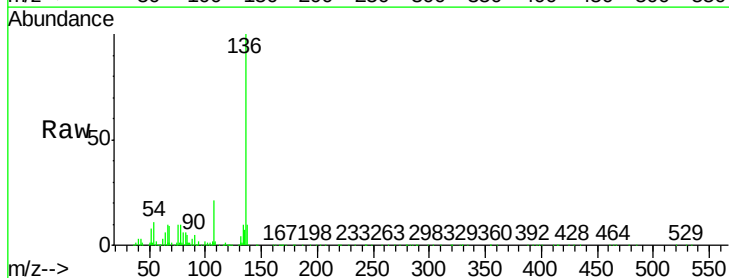
Ion Ratio Lower Upper

136 100

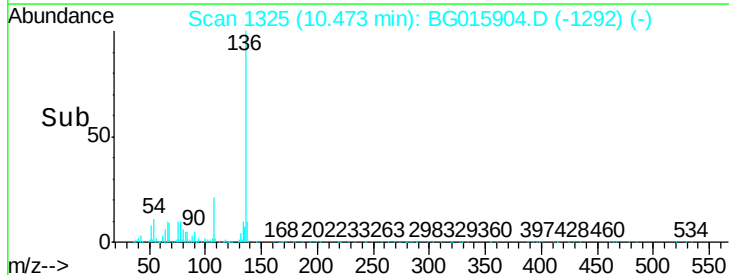
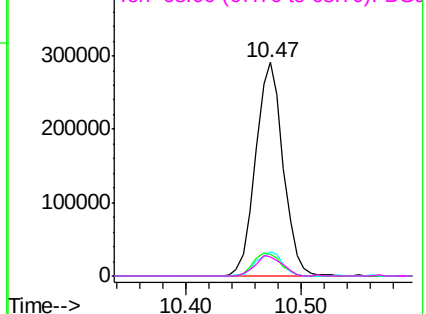
137 10.5 9.7 14.5

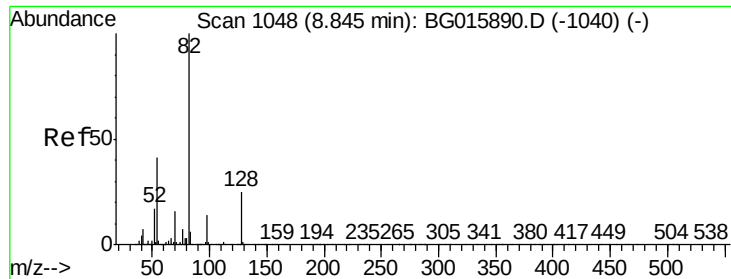
54 11.2 8.5 12.7

68 9.0 8.0 12.0



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

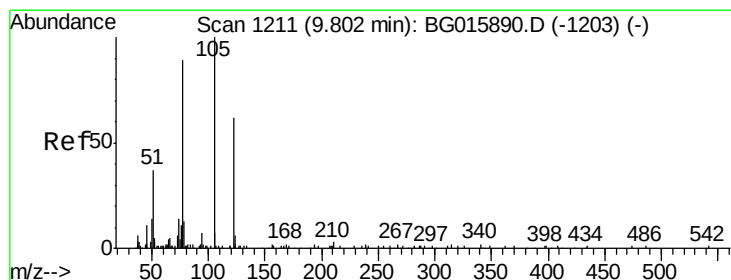
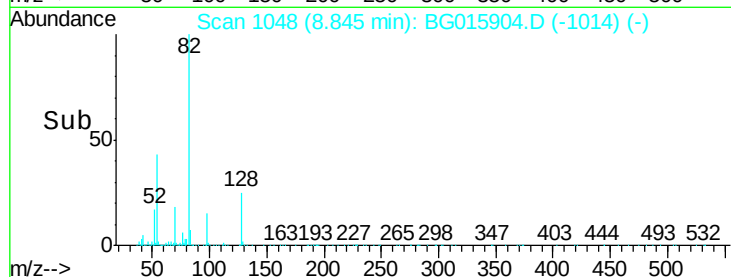
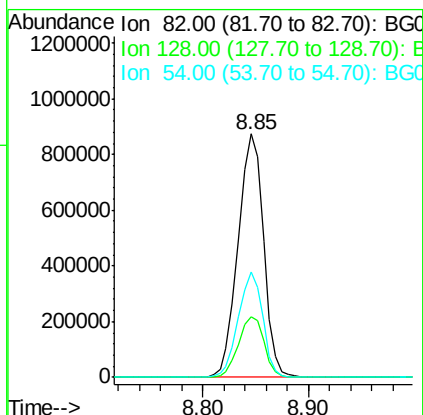
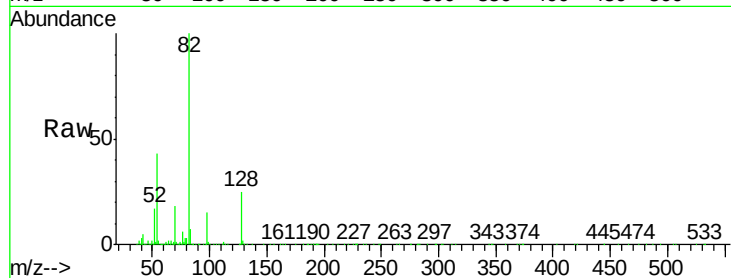




#23
 Nitrobenzene-d5
 Concen: 87.12 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG015904.D
 Acq: 20 Jan 2015 22:45

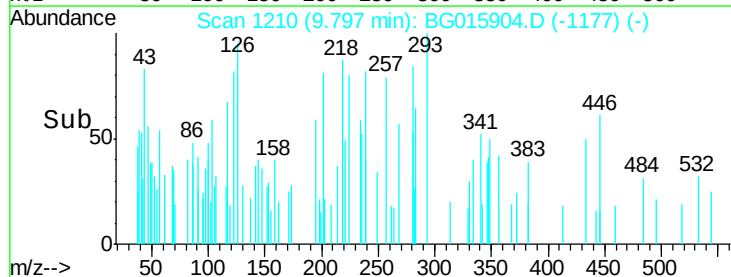
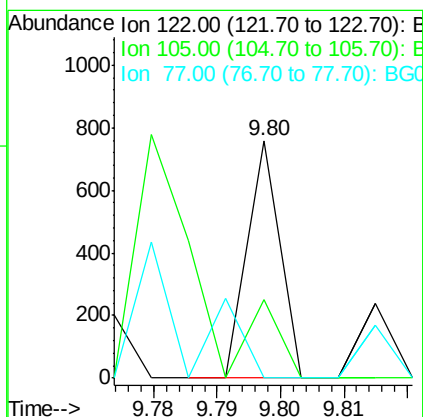
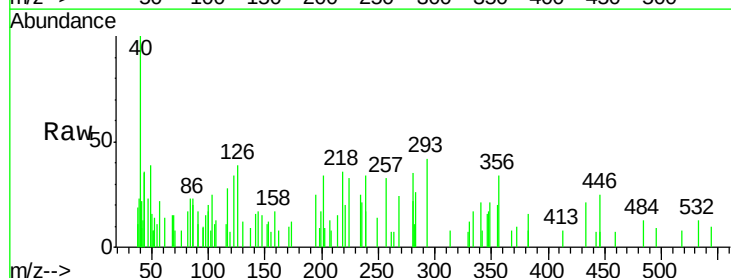
Instrument :
 BNA_G
 ClientSampleId :
 TE-MW-2-26

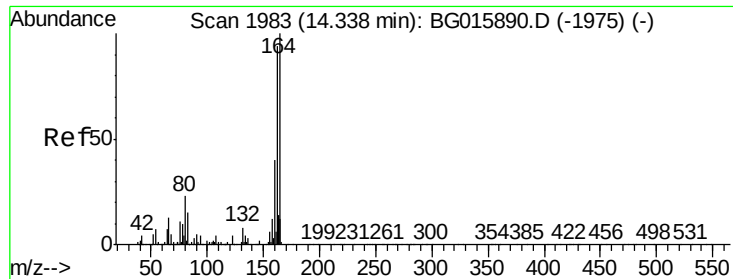
Tgt Ion: 82 Resp: 1458171
 Ion Ratio Lower Upper
 82 100
 128 24.9 19.8 29.8
 54 43.2 33.0 49.4



#32
 Benzoic acid
 Concen: 10.38 ng
 RT: 9.80 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BG015904.D
 Acq: 20 Jan 2015 22:45

Tgt Ion: 122 Resp: 267
 Ion Ratio Lower Upper
 122 100
 105 33.1 140.2 180.2#
 77 0.0 126.4 166.4#

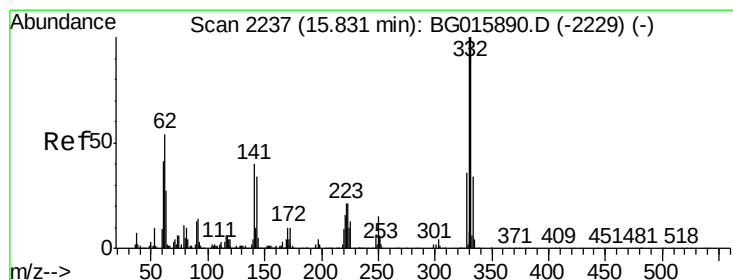
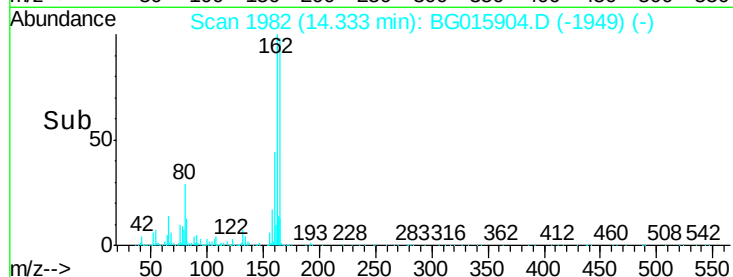
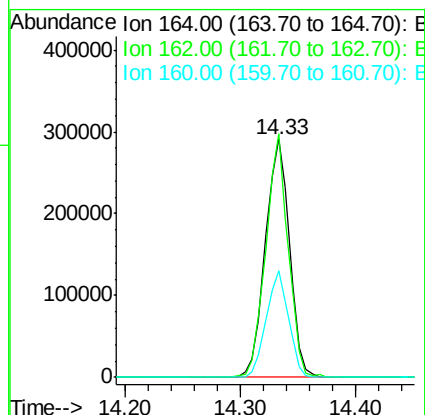
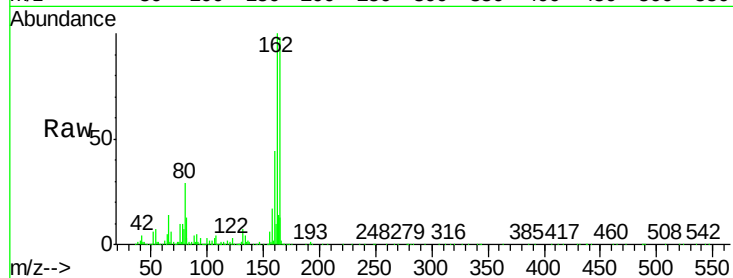




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG015904.D
Acq: 20 Jan 2015 22:45

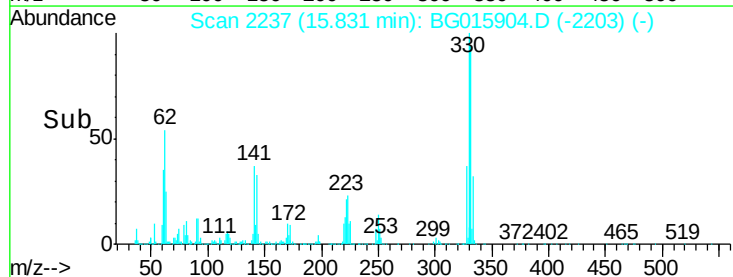
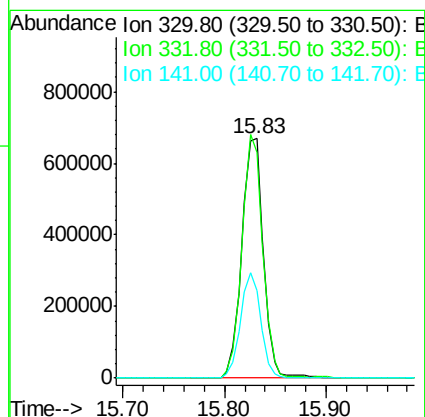
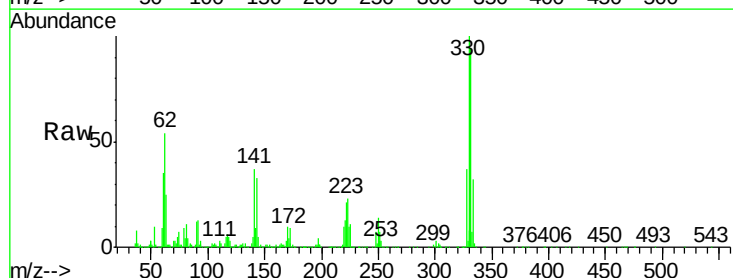
Instrument :
BNA_G
ClientSampleId :
TE-MW-2-26

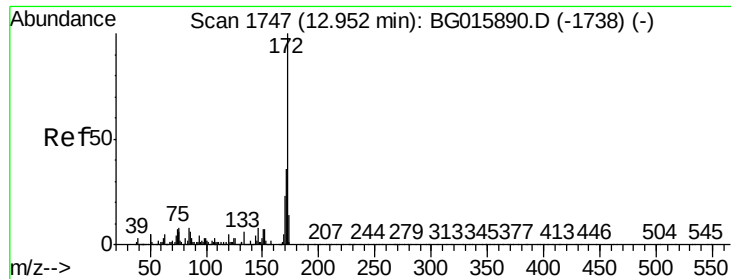
Tgt Ion:164 Resp: 425613
Ion Ratio Lower Upper
164 100
162 102.2 75.1 112.7
160 44.5 32.3 48.5



#41
2,4,6-Tribromophenol
Concen: 127.49 ng
RT: 15.83 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BG015904.D
Acq: 20 Jan 2015 22:45

Tgt Ion:330 Resp: 993338
Ion Ratio Lower Upper
330 100
332 97.0 75.4 113.0
141 41.5 33.0 49.6

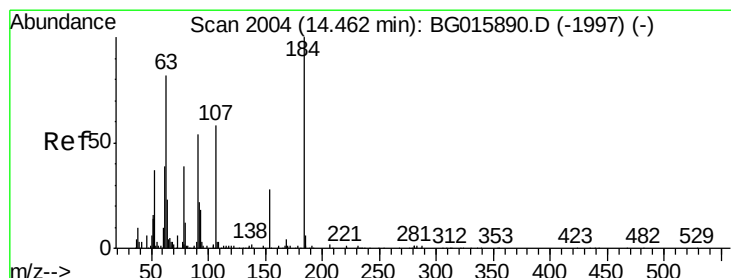
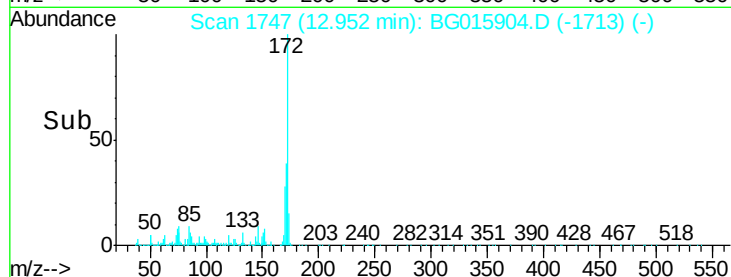
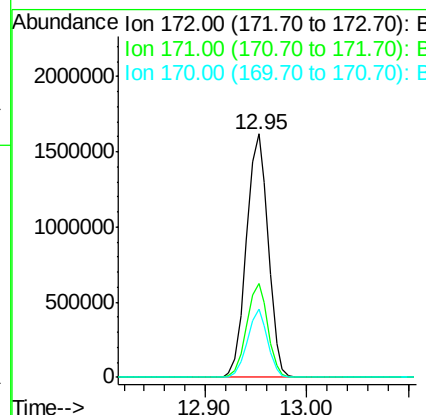
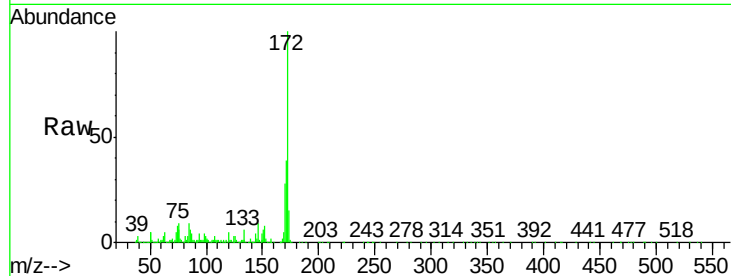




#44
2-Fluorobiphenyl
Concen: 88.58 ng
RT: 12.95 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG015904.D
Acq: 20 Jan 2015 22:45

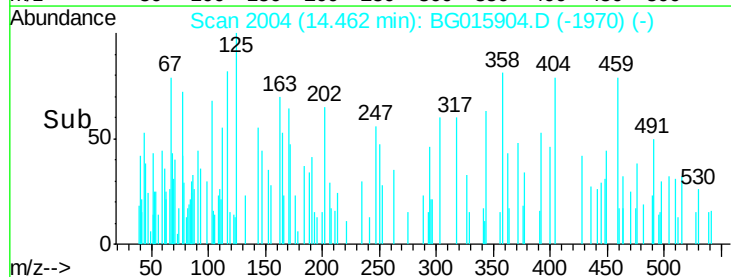
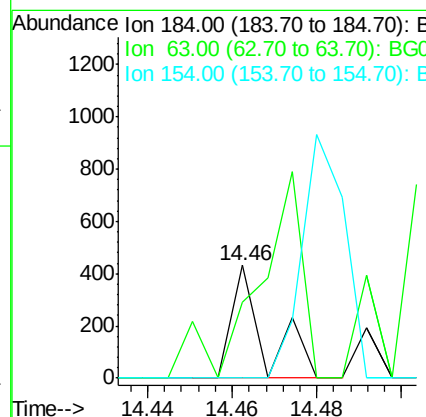
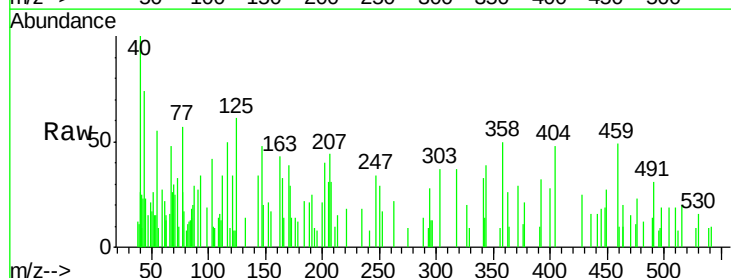
Instrument :
BNA_G
ClientSampleId :
TE-MW-2-26

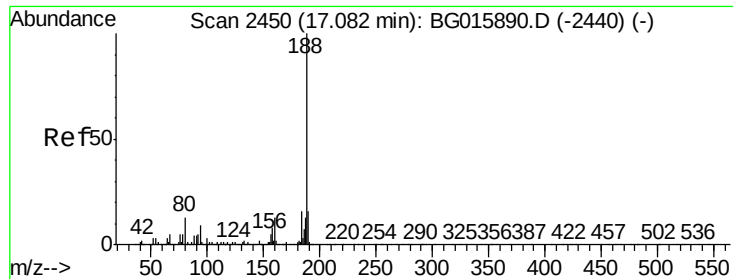
Tgt Ion:172 Resp: 2402767
Ion Ratio Lower Upper
172 100
171 38.8 29.2 43.8
170 28.2 18.6 27.8#



#53
2,4-Dinitrophenol
Concen: 4.56 ng
RT: 14.46 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BG015904.D
Acq: 20 Jan 2015 22:45

Tgt Ion:184 Resp: 234
Ion Ratio Lower Upper
184 100
63 66.9 68.6 103.0#
154 0.0 54.9 82.3#

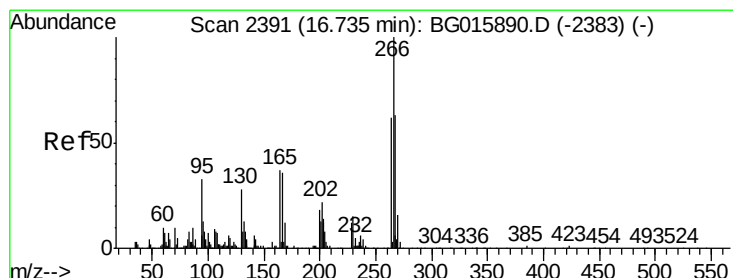
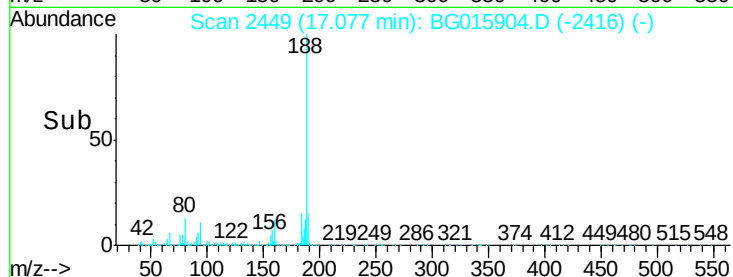
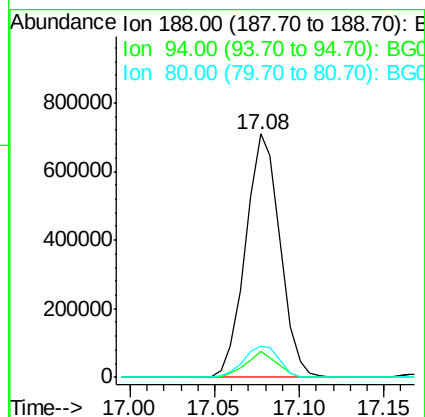
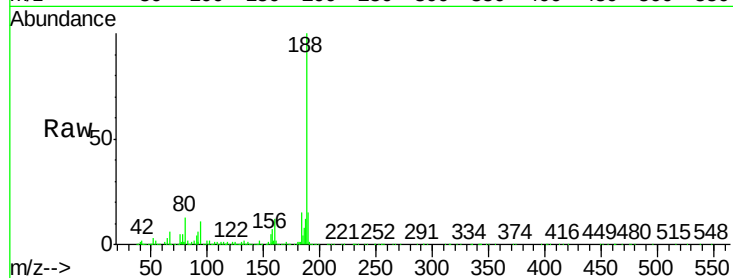




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG015904.D
Acq: 20 Jan 2015 22:45

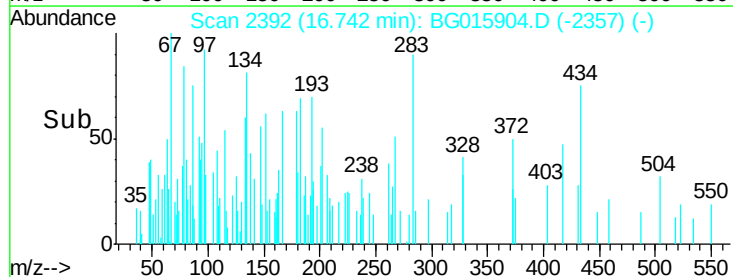
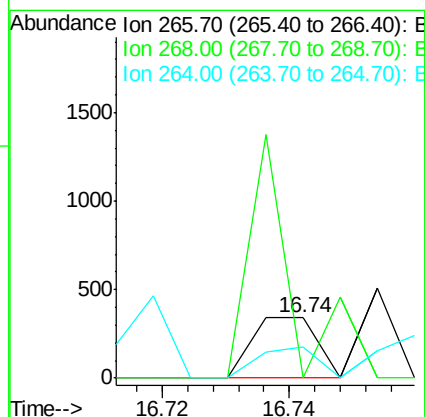
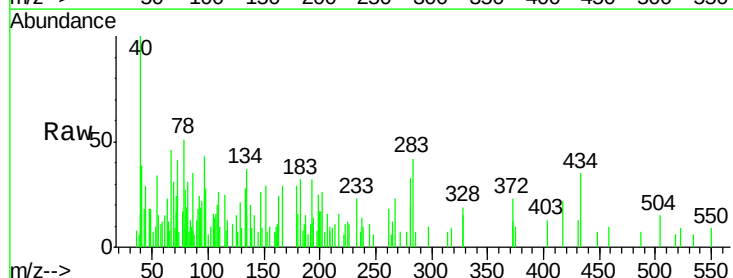
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ClientSampleId :
TE-MW-2-26

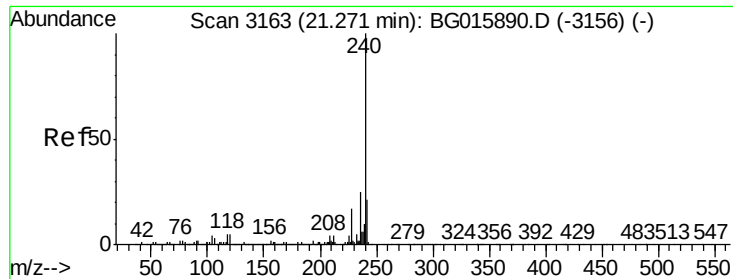
Tgt Ion:188 Resp: 1007794
Ion Ratio Lower Upper
188 100
94 10.5 7.8 11.8
80 12.6 10.6 16.0



#69
Pentachlorophenol
Concen: 5.26 ng
RT: 16.74 min Scan# 2392
Delta R.T. 0.01 min
Lab File: BG015904.D
Acq: 20 Jan 2015 22:45

Tgt Ion:266 Resp: 239
Ion Ratio Lower Upper
266 100
268 0.0 53.5 80.3#
264 52.1 51.9 77.9

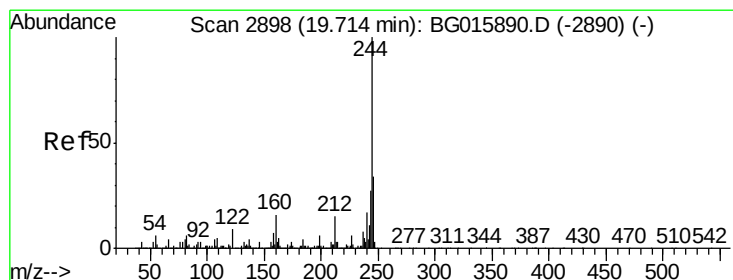
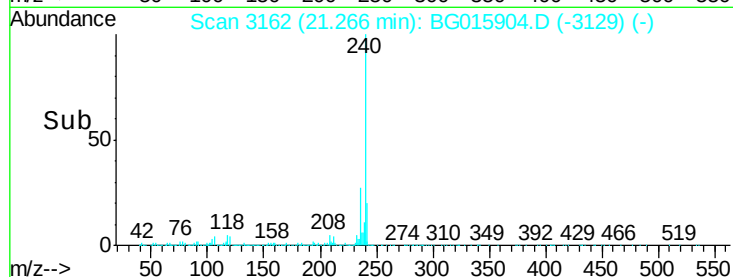
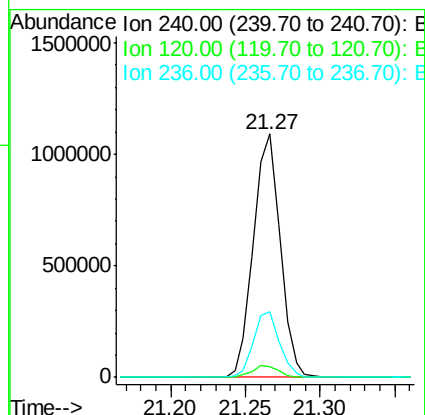
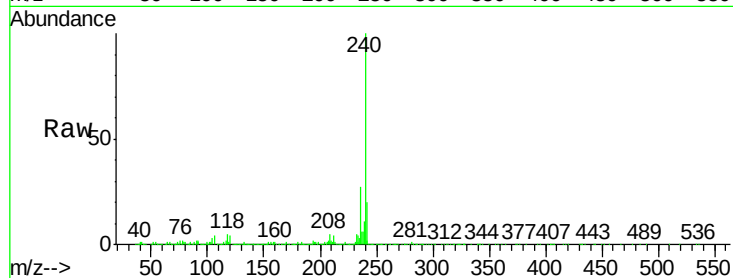




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG015904.D
Acq: 20 Jan 2015 22:45

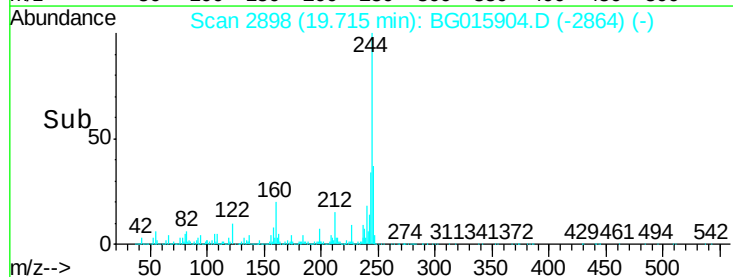
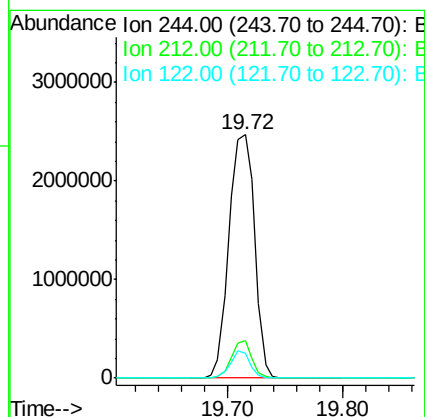
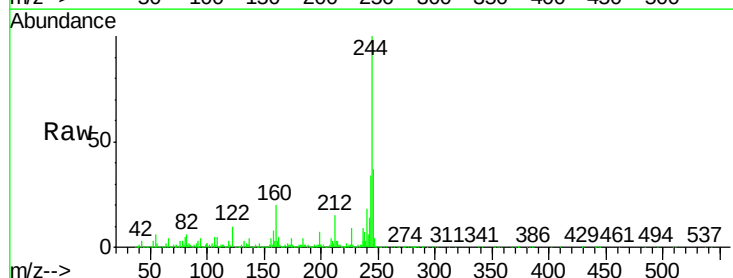
Instrument :
BNA_G
ClientSampleId :
TE-MW-2-26

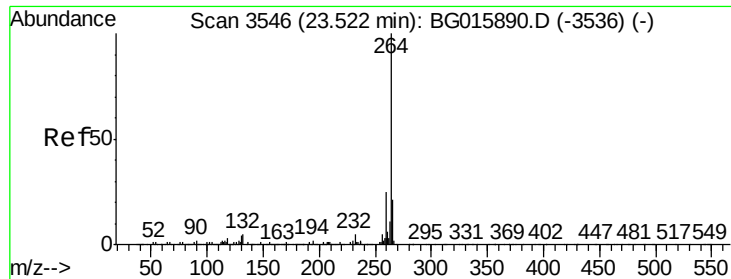
Tgt Ion:240 Resp: 1352181
Ion Ratio Lower Upper
240 100
120 4.3 3.9 5.9
236 26.9 20.0 30.0



#78
Terphenyl-d14
Concen: 77.49 ng
RT: 19.72 min Scan# 2898
Delta R.T. 0.00 min
Lab File: BG015904.D
Acq: 20 Jan 2015 22:45

Tgt Ion:244 Resp: 3800249
Ion Ratio Lower Upper
244 100
212 15.4 11.6 17.4
122 10.4 7.0 10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.51 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG015904.D
Acq: 20 Jan 2015 22:45

Instrument :
BNA_G
ClientSampleId :
TE-MW-2-26

Tgt Ion: 264 Resp: 1277570

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.7	29.5
265	19.8	17.3	25.9

