

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101617\
 Data File : BG029279.D
 Acq On : 16 Oct 2017 18:46
 Operator : SJ/JU
 Sample : I5266-06DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Oct 17 17:08:03 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

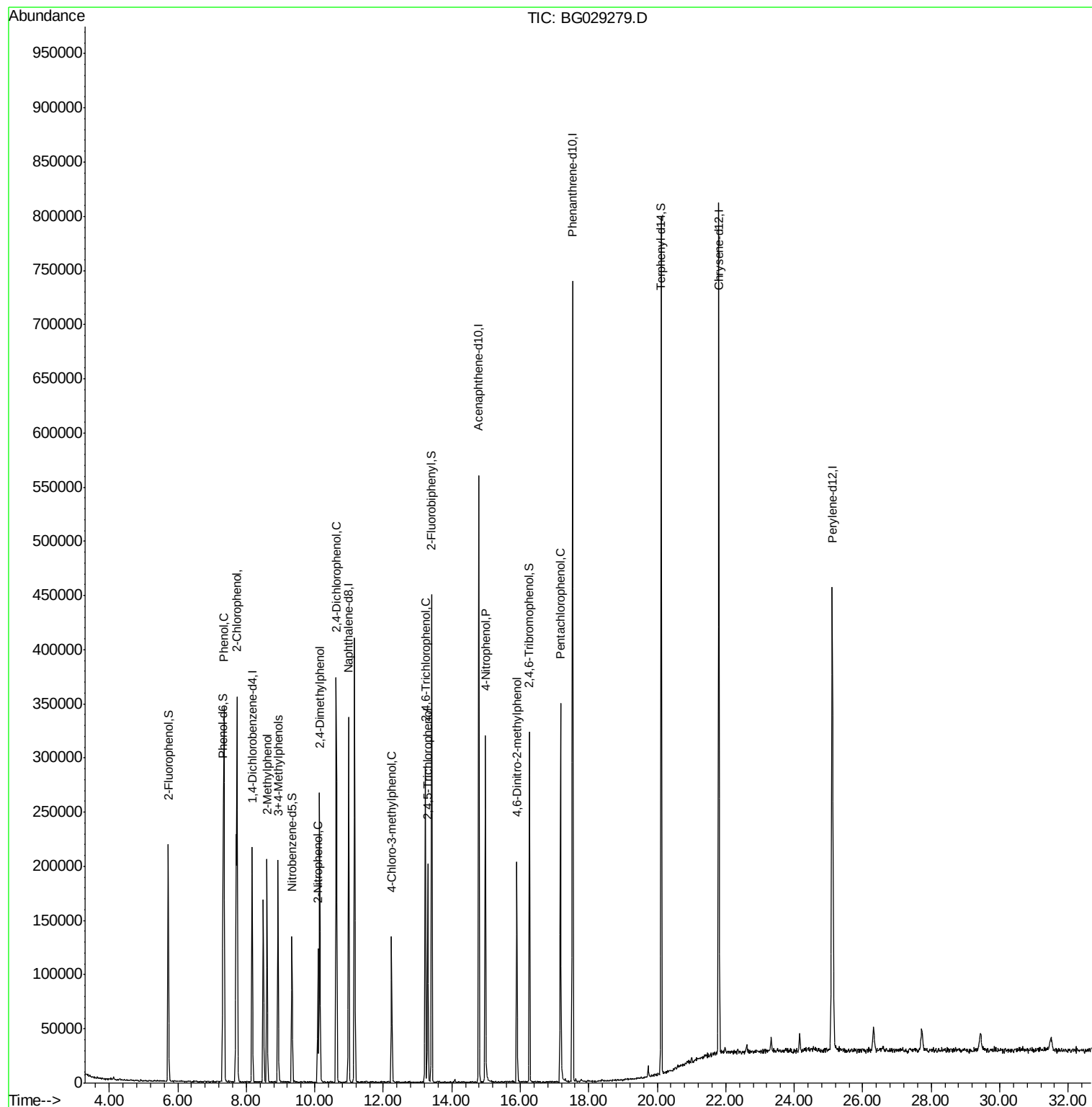
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63279	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	302192	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	198360	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	452668	20.00	ng	0.00
75) Chrysene-d12	21.80	240	470257	20.00	ng	0.00
86) Perylene-d12	25.11	264	483209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	102741	27.12	ng	0.00
7) Phenol-d6	7.32	99	139376	26.21	ng	0.00
23) Nitrobenzene-d5	9.33	82	79642	16.75	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	62373	24.35	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	240341	17.77	ng	0.00
78) Terphenyl-d14	20.12	244	334890	16.20	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.73	128	162833	37.503	ng	95
10) Phenol	7.35	94	200937	35.054	ng	91
17) 2-Methylphenol	8.61	107	64346	16.898	ng	95
20) 3+4-Methylphenols	8.93	107	98520	18.362	ng	91
26) 2-Nitrophenol	10.09	139	42909	16.791	ng	91
27) 2,4-Dimethylphenol	10.15	122	82982	17.948	ng	90
29) 2,4-Dichlorophenol	10.63	162	151379	30.703	ng	93
36) 4-Chloro-3-methylphenol	12.24	107	47527	8.764	ng	87
42) 2,4,6-Trichlorophenol	13.23	196	76044	16.727	ng	100
43) 2,4,5-Trichlorophenol	13.30	196	58469	12.523	ng	95
55) 4-Nitrophenol	14.98	139	88773	30.757	ng	# 81
64) 4,6-Dinitro-2-methylphenol	15.90	198	51045	22.764	ng	89
69) Pentachlorophenol	17.18	266	74387	22.009	ng	99

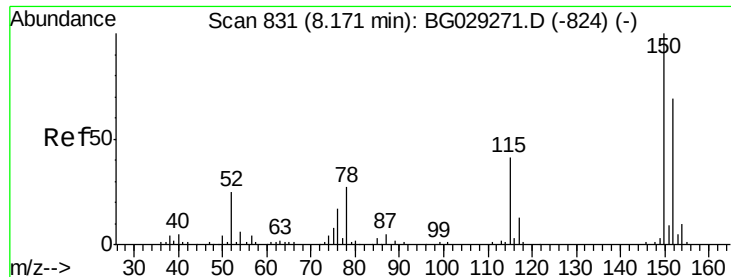
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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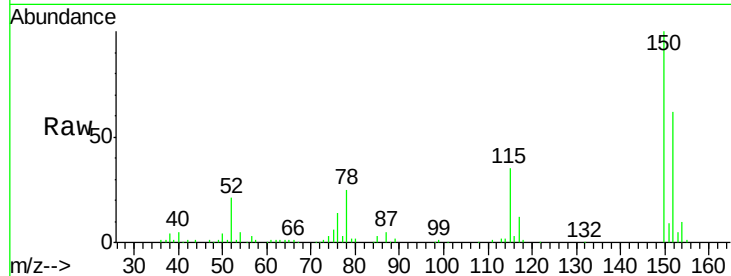


#1

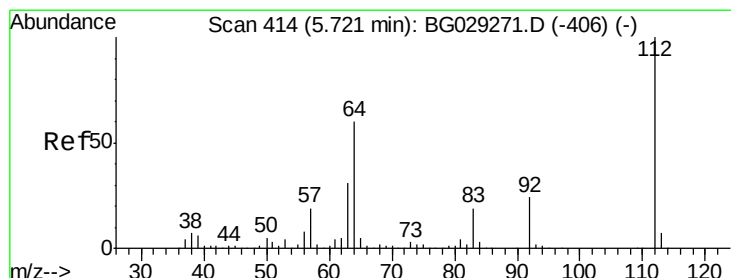
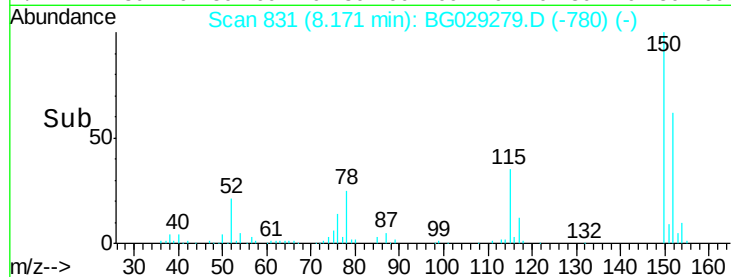
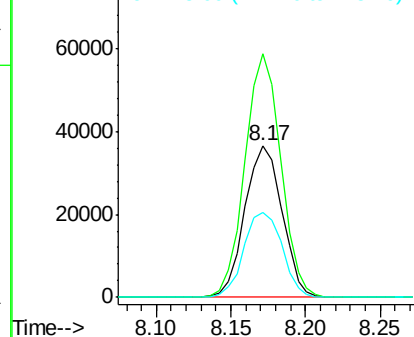
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG029279.D
Acq: 16 Oct 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:152 Resp: 63279
Ion Ratio Lower Upper
152 100
150 160.4 126.6 189.8
115 56.1 53.0 79.4



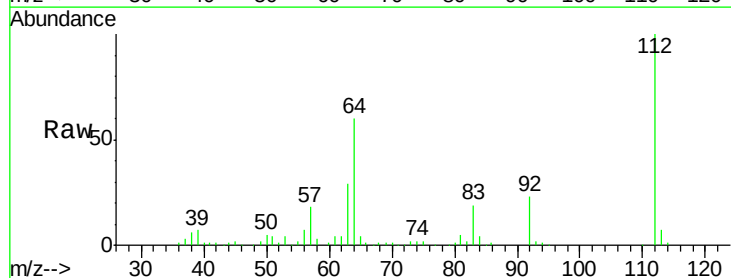
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



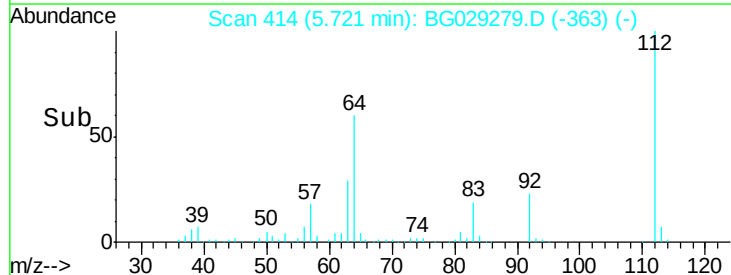
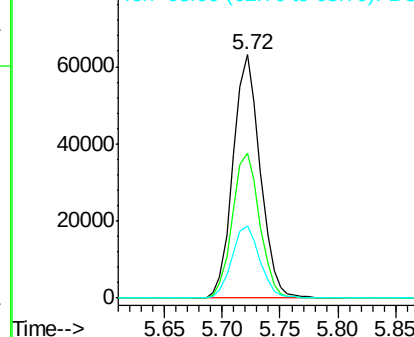
#5

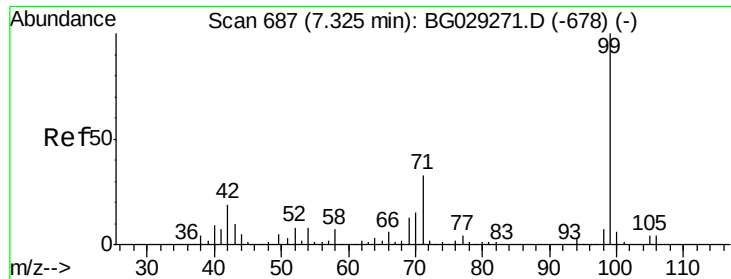
2-Fluorophenol
Concen: 27.123 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029279.D
Acq: 16 Oct 2017 18:46

Tgt Ion:112 Resp: 102741
Ion Ratio Lower Upper
112 100
64 59.7 56.3 84.5
63 29.4 30.1 45.1#



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: 26.214 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029279.D

Acq: 16 Oct 2017 18:46

Instrument :

BNA_G

ClientSampleId :

PT-ACIDS-WPDL

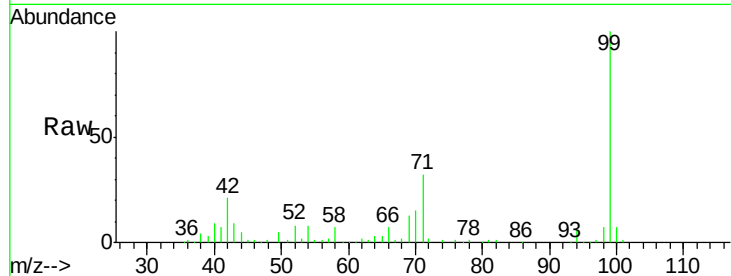
Tgt Ion: 99 Resp: 139376

Ion Ratio Lower Upper

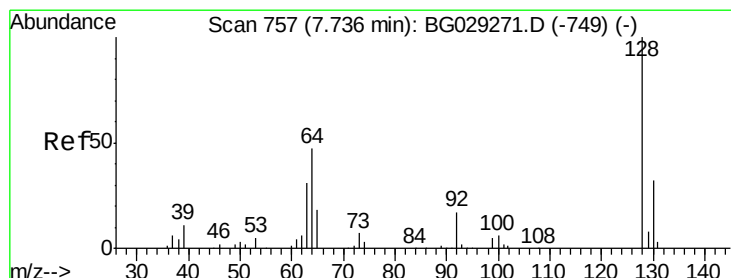
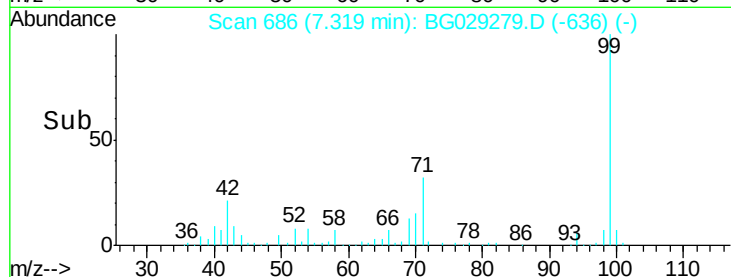
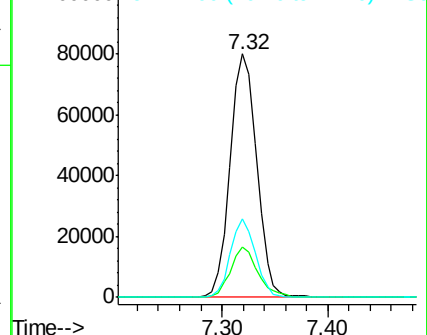
99 100

42 20.8 14.1 21.1

71 32.3 26.1 39.1



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



#8

2-Chlorophenol

Concen: 37.503 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG029279.D

Acq: 16 Oct 2017 18:46

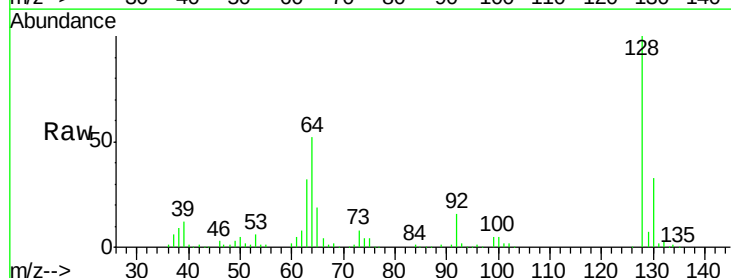
Tgt Ion: 128 Resp: 162833

Ion Ratio Lower Upper

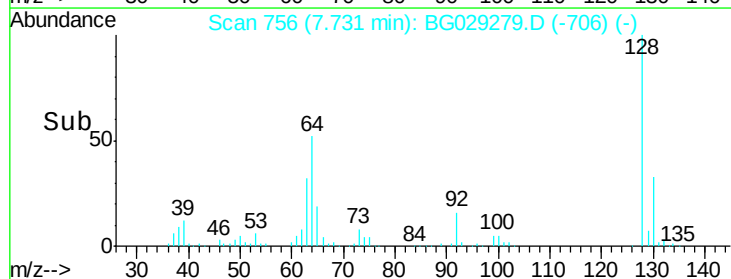
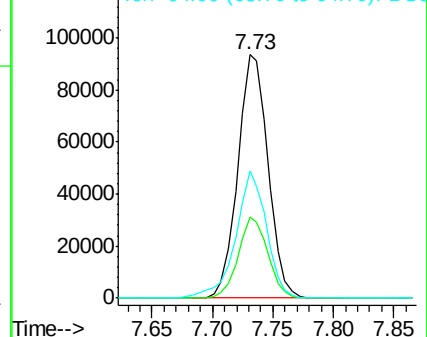
128 100

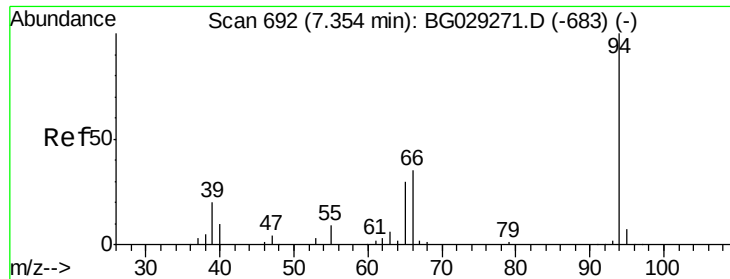
130 33.1 14.0 54.0

64 52.1 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#10

Phenol

Concen: 35.054 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG029279.D

Acq: 16 Oct 2017 18:46

Instrument :

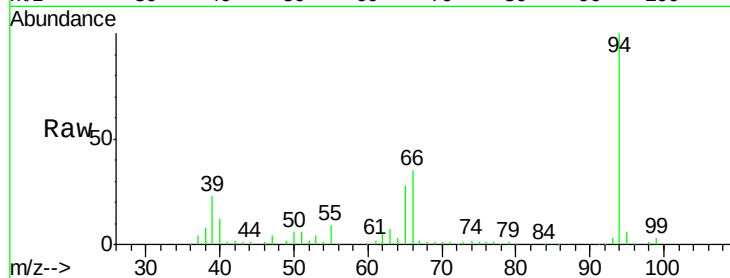
BNA_G

ClientSampleId :

PT-ACIDS-WPDL

Tgt Ion: 94 Resp: 200937

Ion	Ratio	Lower	Upper
94	100		
65	28.4	11.9	51.9
66	35.1	22.2	62.2

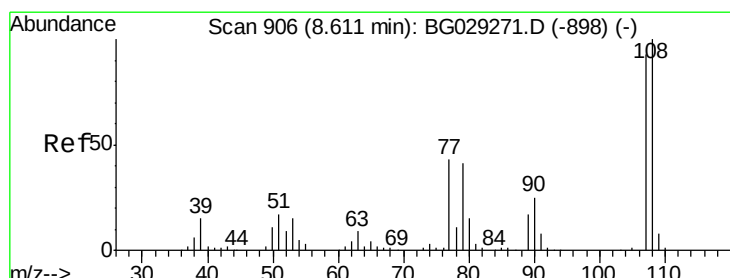
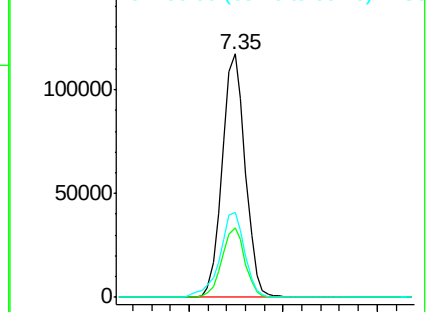
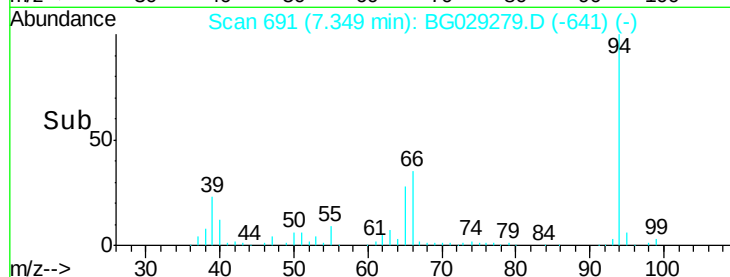


Abundance

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



#17

2-Methylphenol

Concen: 16.898 ng

RT: 8.61 min Scan# 905

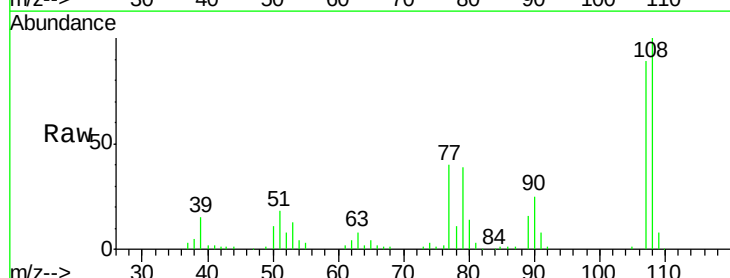
Delta R.T. -0.01 min

Lab File: BG029279.D

Acq: 16 Oct 2017 18:46

Tgt Ion: 107 Resp: 64346

Ion	Ratio	Lower	Upper
107	100		
108	112.8	83.9	125.9
77	45.1	37.2	55.8
79	44.6	36.2	54.2



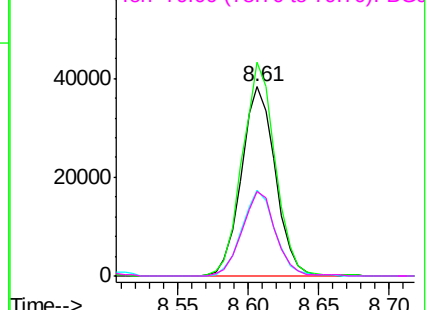
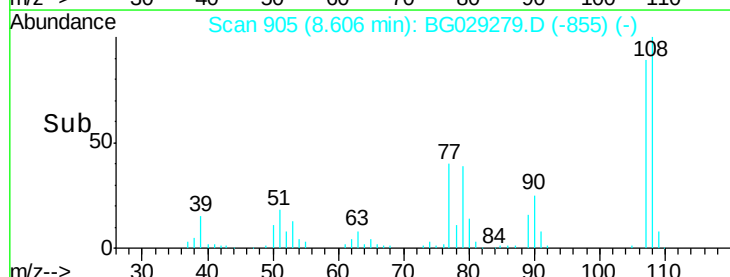
Abundance

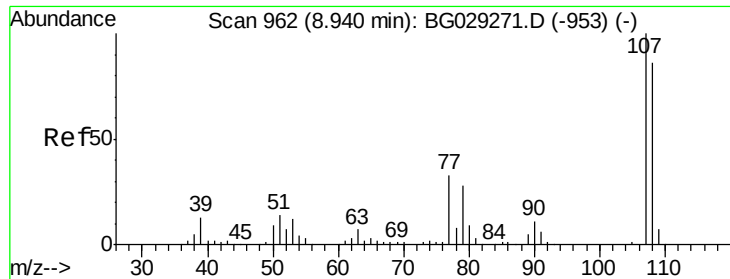
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

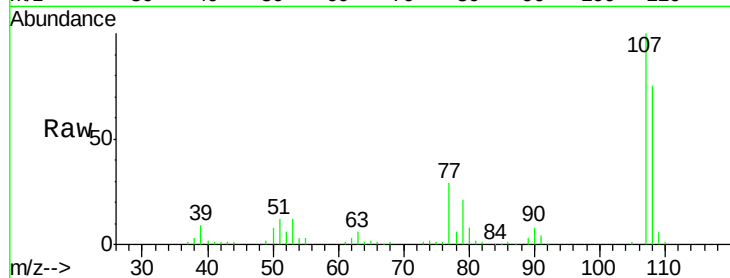




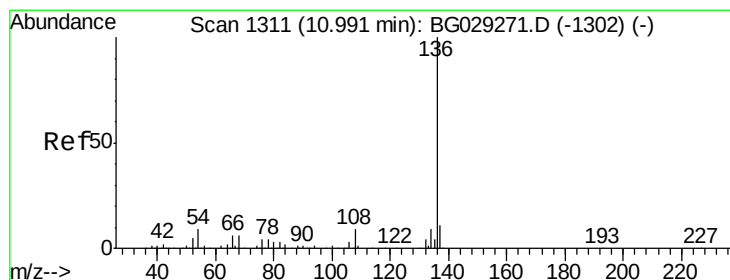
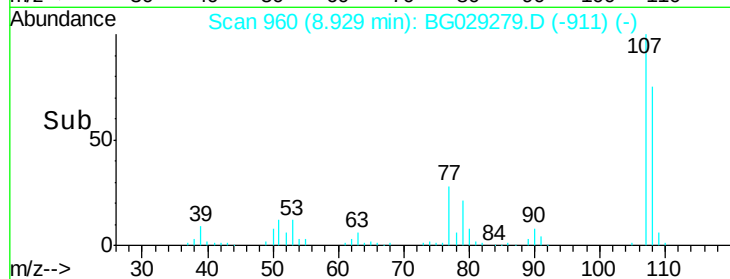
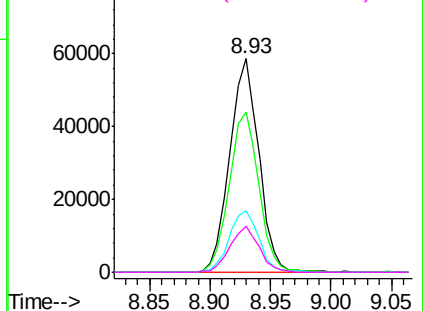
#20
3+4-Methylphenols
Concen: 18.362 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG029279.D
Acq: 16 Oct 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:	107	Resp:	98520
Ion	Ratio	Lower	Upper
107	100		
108	74.8	61.6	101.6
77	28.8	13.9	53.9
79	21.3	8.8	48.8

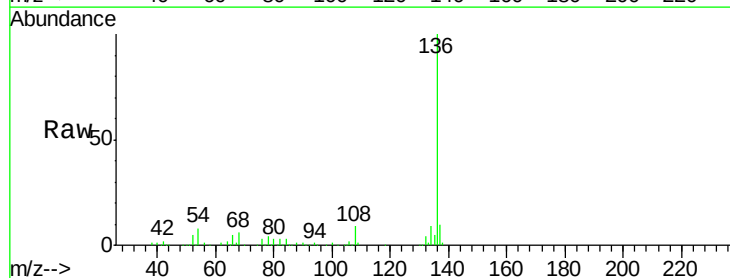


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

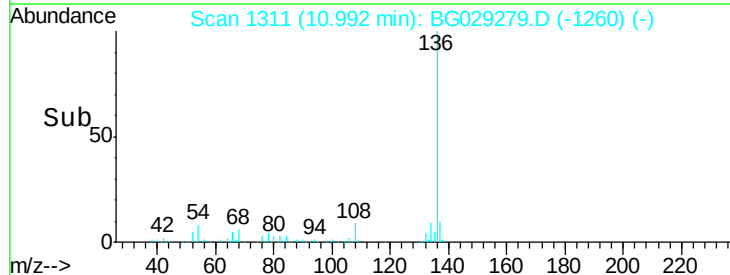
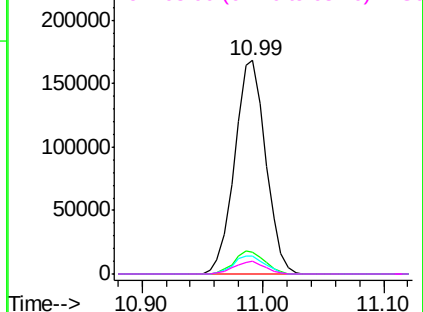


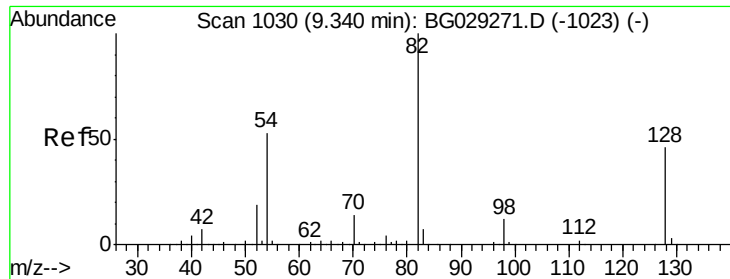
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG029279.D
Acq: 16 Oct 2017 18:46

Tgt Ion:	136	Resp:	302192
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	8.2	10.3	15.5#
68	5.9	4.5	6.7



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): BGC
Ion 68.00 (67.70 to 68.70): BGC

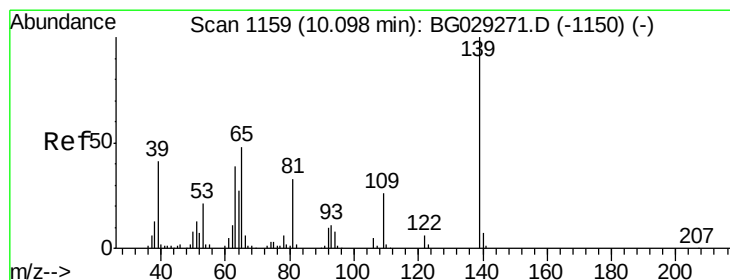
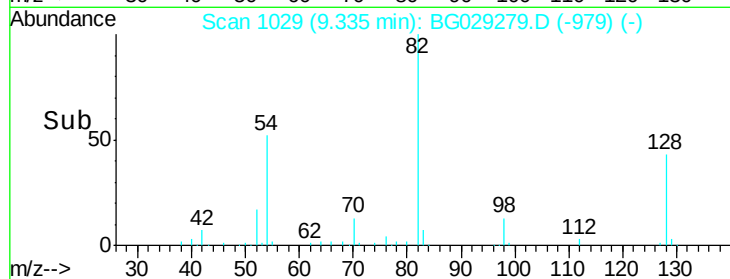
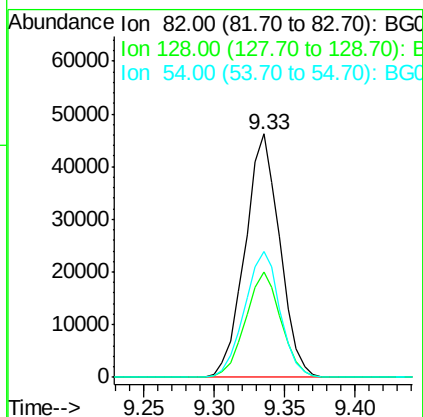
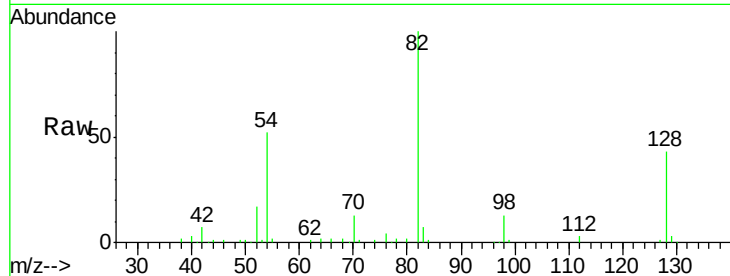




#23
 Nitrobenzene-d5
 Concen: 16.748 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG029279.D
 Acq: 16 Oct 2017 18:46

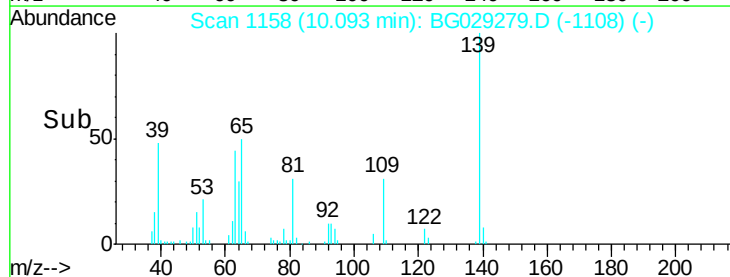
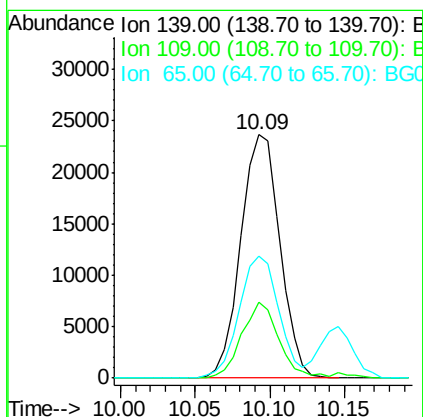
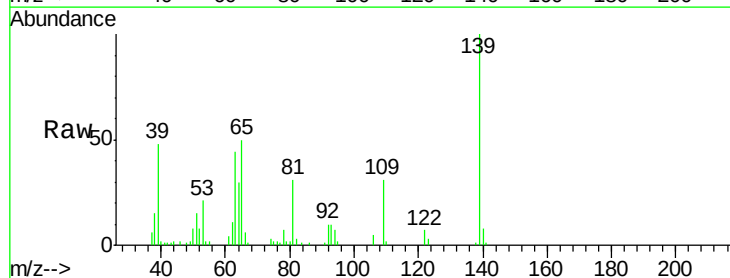
Instrument :
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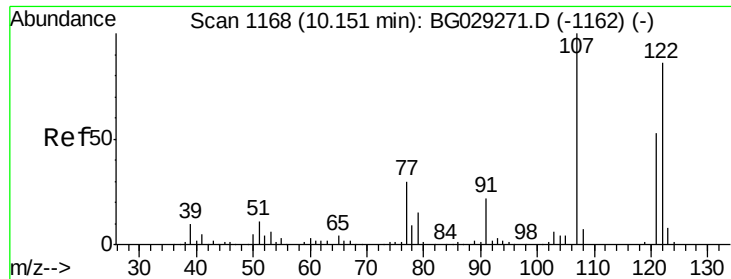
Tgt Ion: 82 Resp: 79642
 Ion Ratio Lower Upper
 82 100
 128 43.3 29.7 44.5
 54 51.9 43.1 64.7



#26
 2-Nitrophenol
 Concen: 16.791 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BG029279.D
 Acq: 16 Oct 2017 18:46

Tgt Ion: 139 Resp: 42909
 Ion Ratio Lower Upper
 139 100
 109 31.0 24.2 36.2
 65 50.0 47.4 71.0

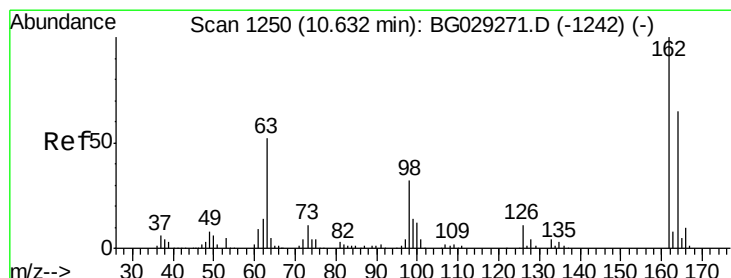
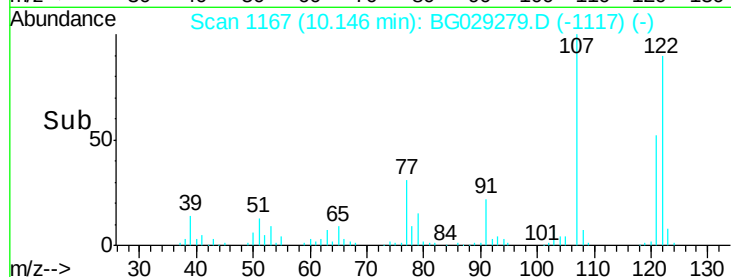
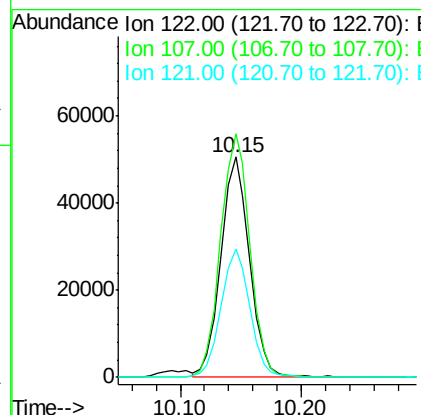
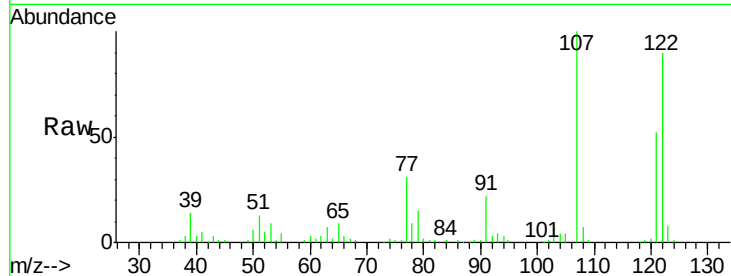




#27
 2,4-Dimethylphenol
 Concen: 17.948 ng
 RT: 10.15 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BG029279.D
 Acq: 16 Oct 2017 18:46

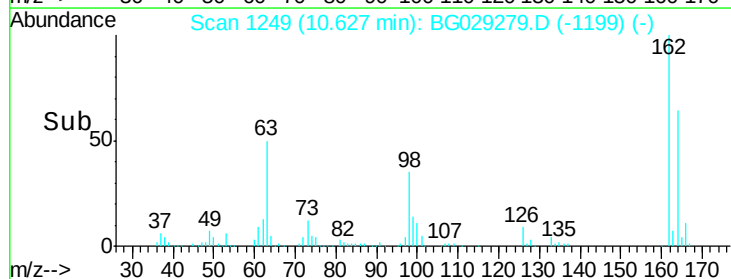
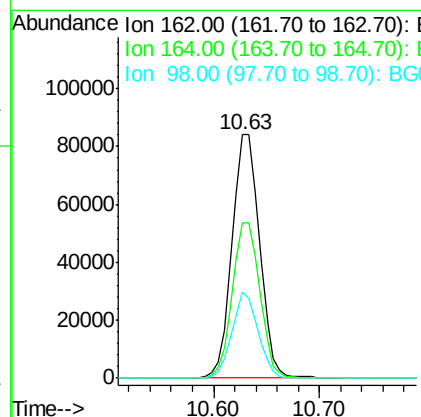
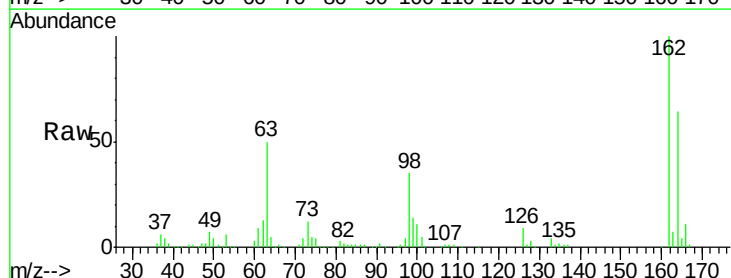
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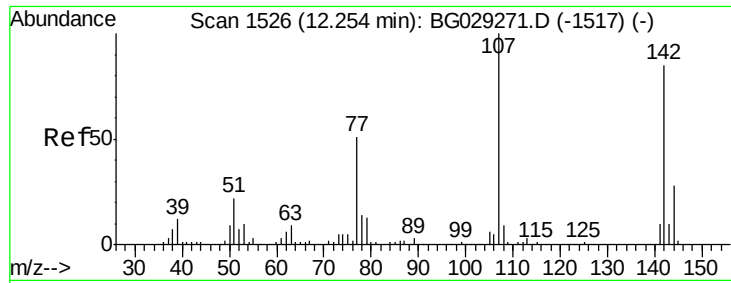
Tgt Ion:122 Resp: 82982
 Ion Ratio Lower Upper
 122 100
 107 110.6 100.2 150.2
 121 58.1 44.4 66.6



#29
 2,4-Dichlorophenol
 Concen: 30.703 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG029279.D
 Acq: 16 Oct 2017 18:46

Tgt Ion:162 Resp: 151379
 Ion Ratio Lower Upper
 162 100
 164 63.5 48.0 88.0
 98 35.1 21.1 61.1

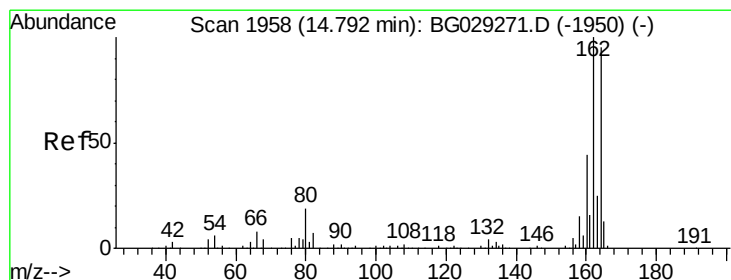
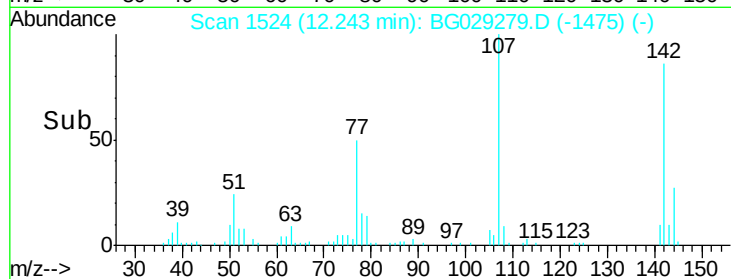
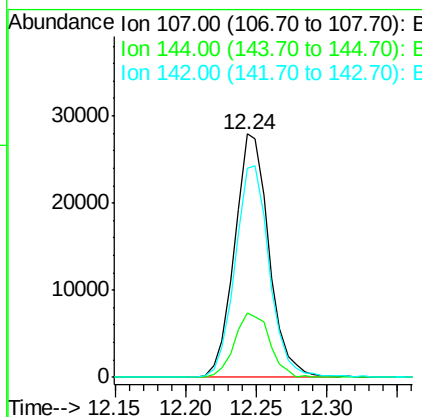
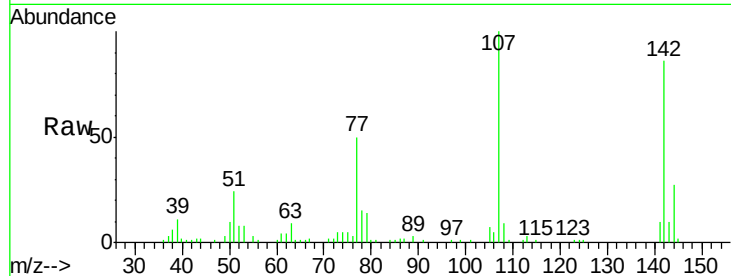




#36
 4-Chloro-3-methylphenol
 Concen: 8.764 ng
 RT: 12.24 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BG029279.D
 Acq: 16 Oct 2017 18:46

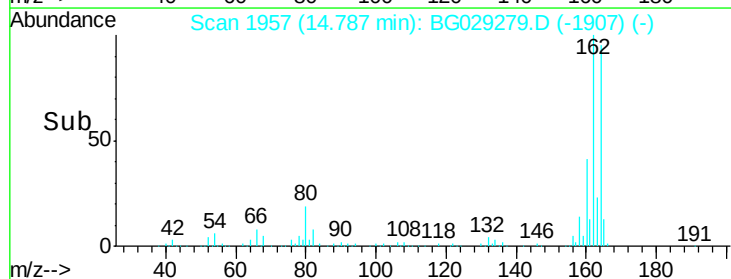
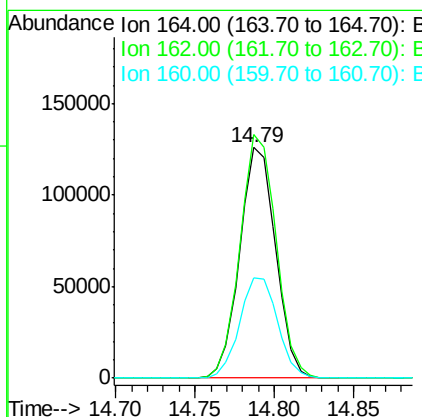
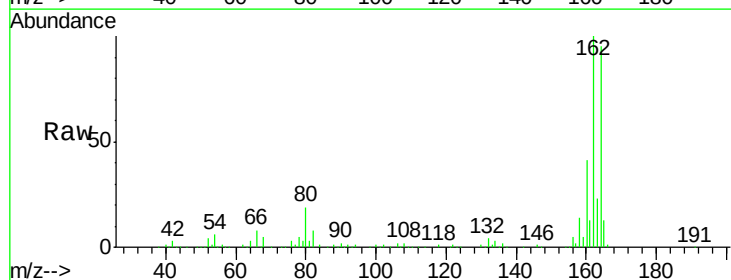
Instrument :
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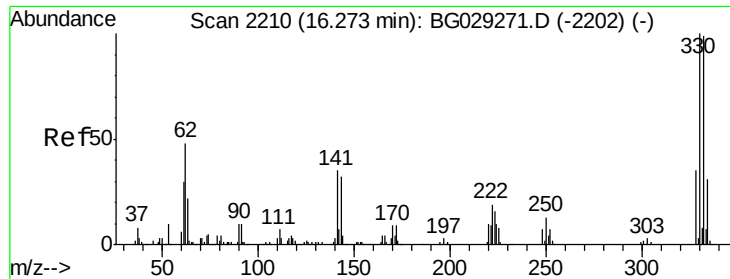
Tgt Ion:107 Resp: 47527
 Ion Ratio Lower Upper
 107 100
 144 26.7 18.2 27.4
 142 85.8 59.0 88.4



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG029279.D
 Acq: 16 Oct 2017 18:46

Tgt Ion:164 Resp: 198360
 Ion Ratio Lower Upper
 164 100
 162 105.5 78.8 118.2
 160 43.2 35.4 53.0

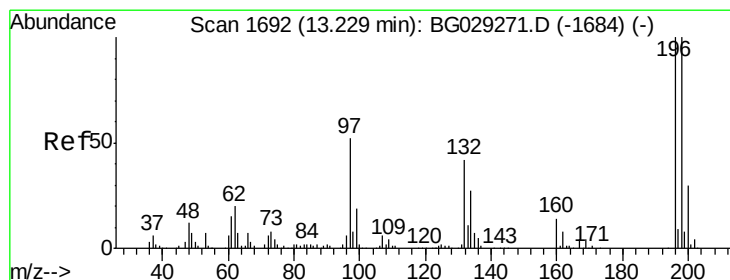
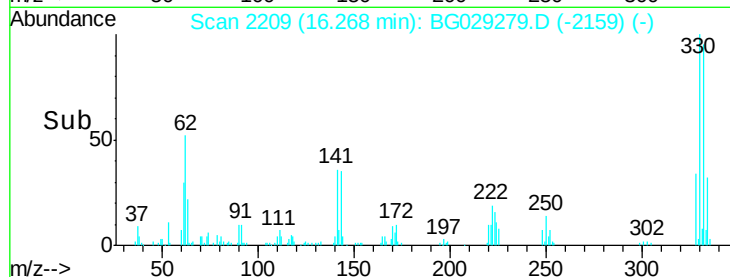
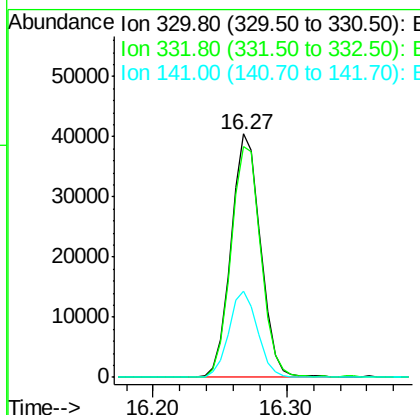
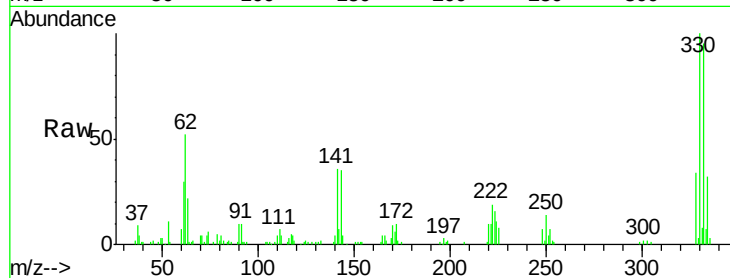




#41
 2,4,6-Tribromophenol
 Concen: 24.355 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029279.D
 Acq: 16 Oct 2017 18:46

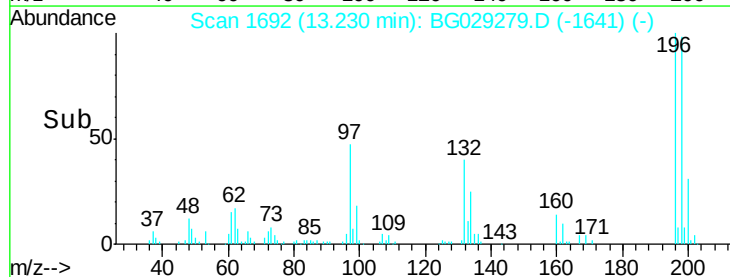
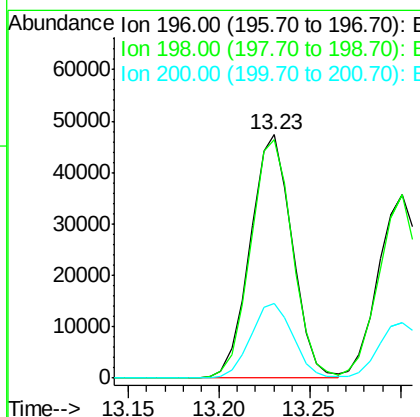
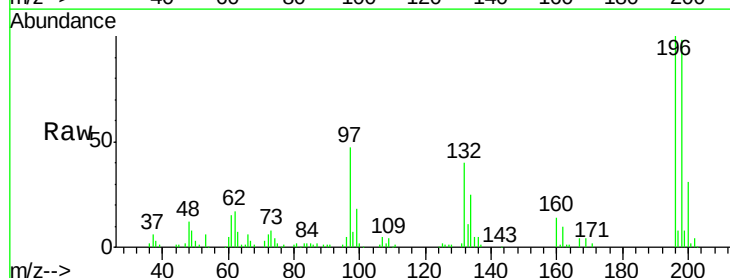
Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WPDL

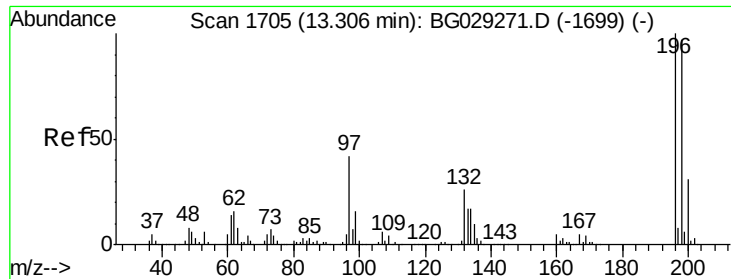
Tgt Ion:330 Resp: 62373
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 34.5 25.2 37.8



#42
 2,4,6-Trichlorophenol
 Concen: 16.727 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG029279.D
 Acq: 16 Oct 2017 18:46

Tgt Ion:196 Resp: 76044
 Ion Ratio Lower Upper
 196 100
 198 98.0 78.2 117.2
 200 30.7 24.6 36.8

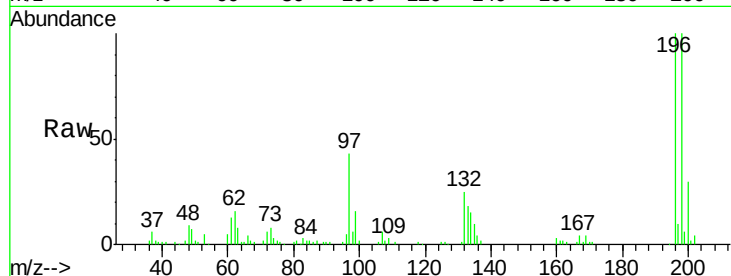




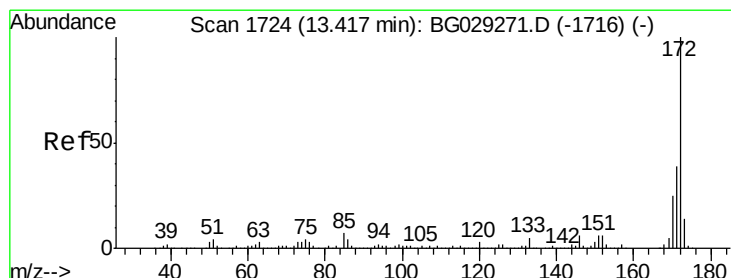
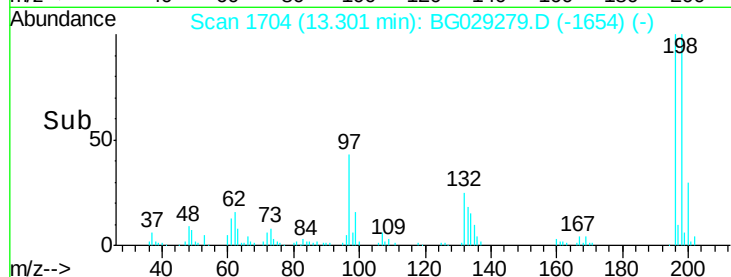
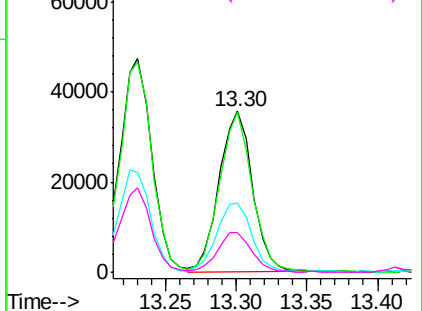
#43
 2,4,5-Trichlorophenol
 Concen: 12.523 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG029279.D
 Acq: 16 Oct 2017 18:46

Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:196 Resp: 58469
 Ion Ratio Lower Upper
 196 100
 198 99.6 76.2 114.4
 97 42.7 38.7 58.1
 132 24.7 20.2 30.2

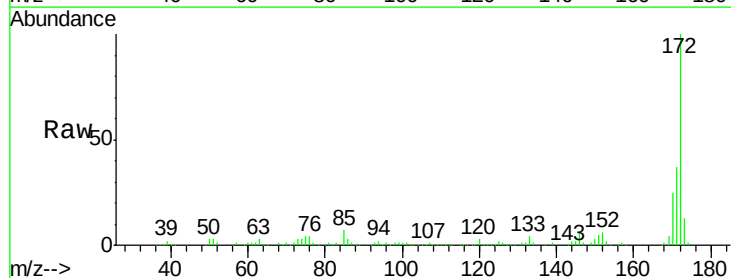


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

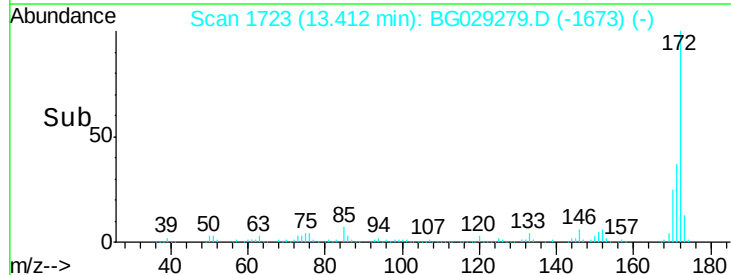
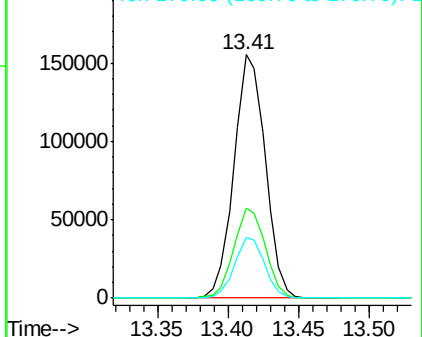


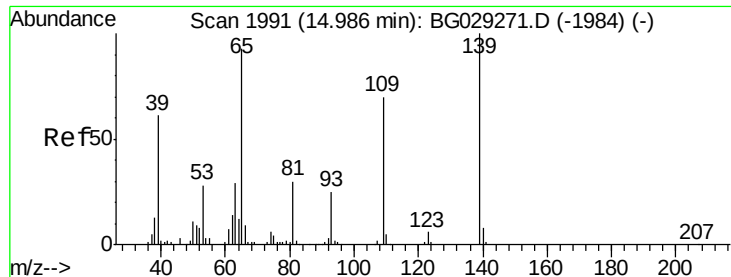
#44
 2-Fluorobiphenyl
 Concen: 17.771 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029279.D
 Acq: 16 Oct 2017 18:46

Tgt Ion:172 Resp: 240341
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 24.7 19.5 29.3



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

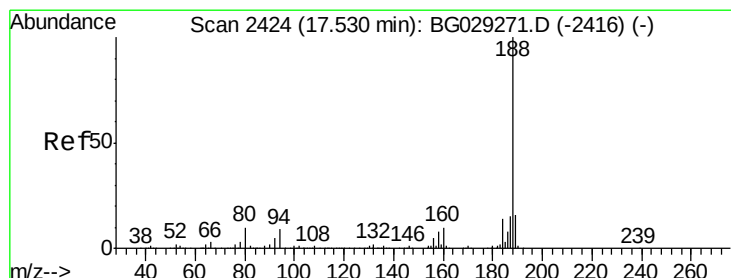
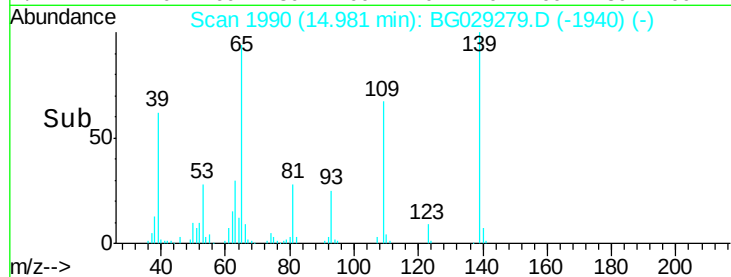
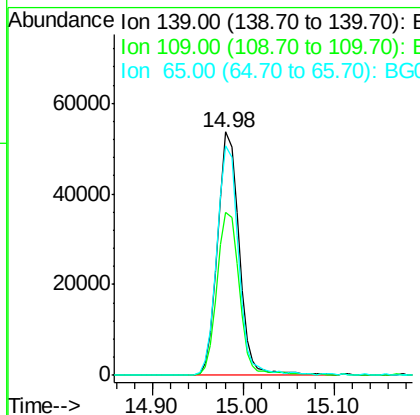
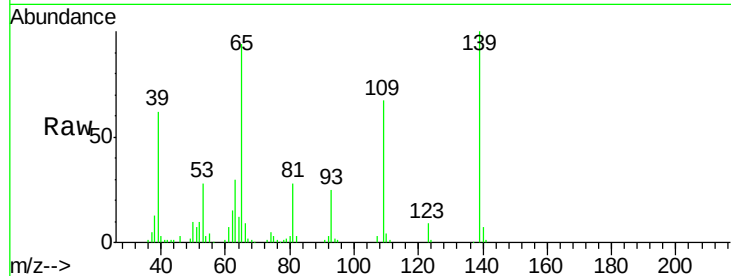




#55
4-Nitrophenol
Concen: 30.757 ng
RT: 14.98 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG029279.D
Acq: 16 Oct 2017 18:46

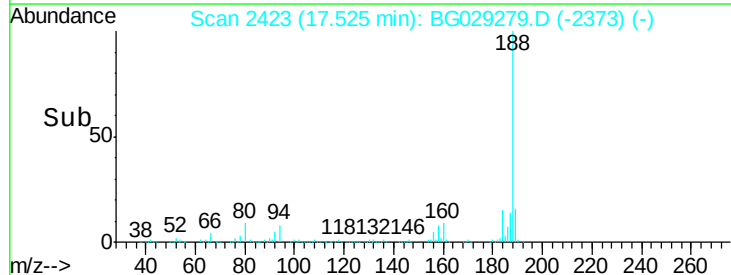
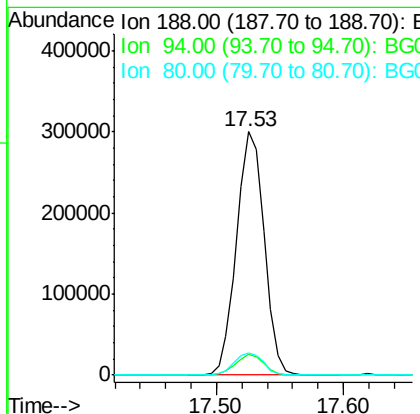
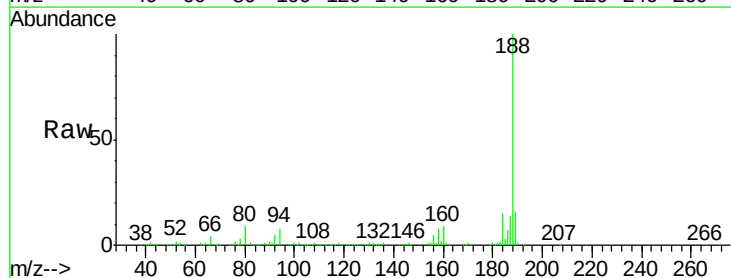
Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

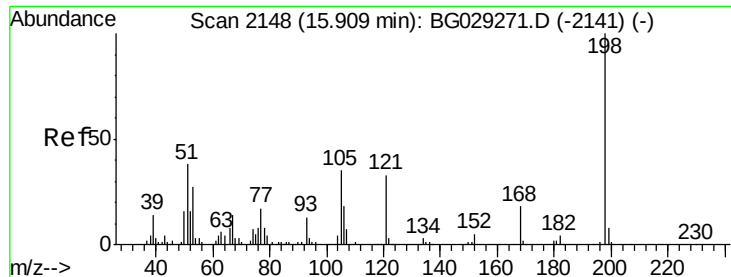
Tgt Ion:139 Resp: 88773
Ion Ratio Lower Upper
139 100
109 67.1 62.2 102.2
65 94.2 97.2 137.2#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029279.D
Acq: 16 Oct 2017 18:46

Tgt Ion:188 Resp: 452668
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.1 7.7 11.5





#64

4,6-Dinitro-2-methylphenol

Concen: 22.764 ng

RT: 15.90 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG029279.D

Acq: 16 Oct 2017 18:46

Instrument :

BNA_G

ClientSampleId :

PT-ACIDS-WPDL

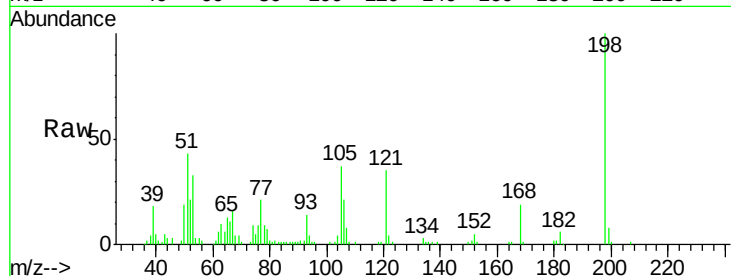
Tgt Ion:198 Resp: 51045

Ion Ratio Lower Upper

198 100

51 43.3 30.6 70.6

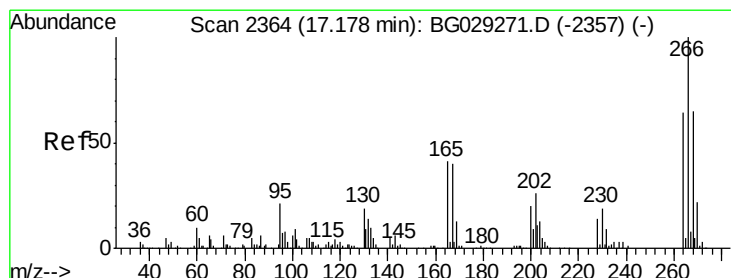
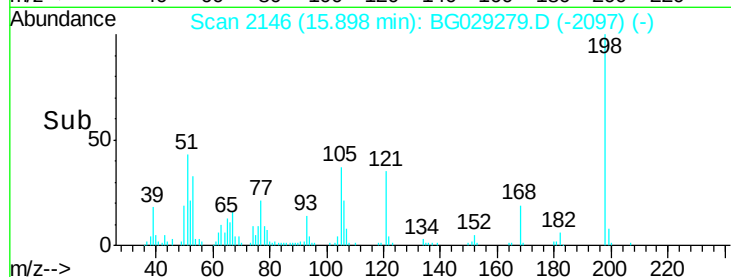
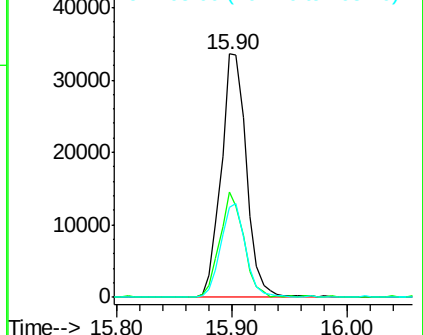
105 36.7 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG029271.D (-2141) (-)

Ion 105.00 (104.70 to 105.70): E



#69

Pentachlorophenol

Concen: 22.009 ng

RT: 17.18 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG029279.D

Acq: 16 Oct 2017 18:46

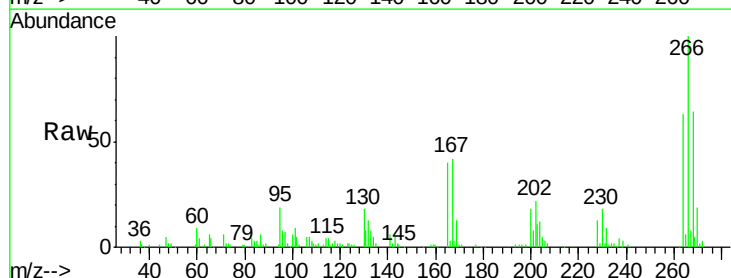
Tgt Ion:266 Resp: 74387

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

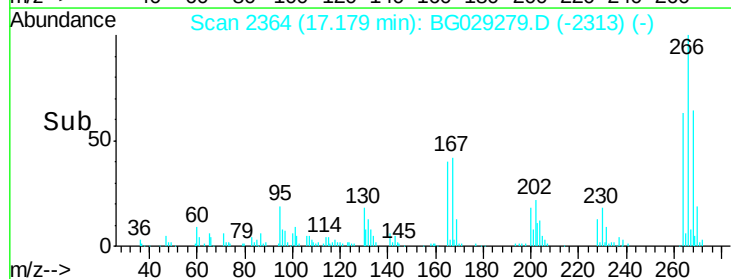
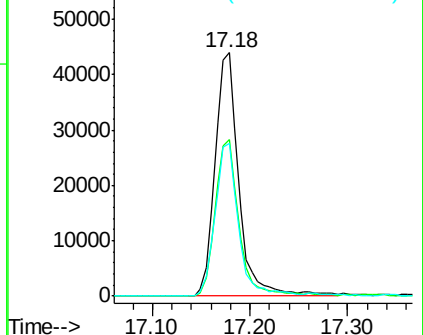
264 62.9 49.6 74.4

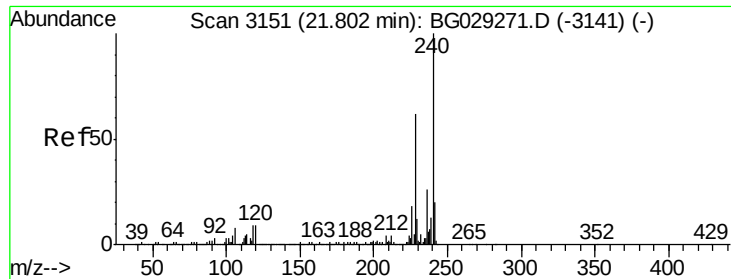


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

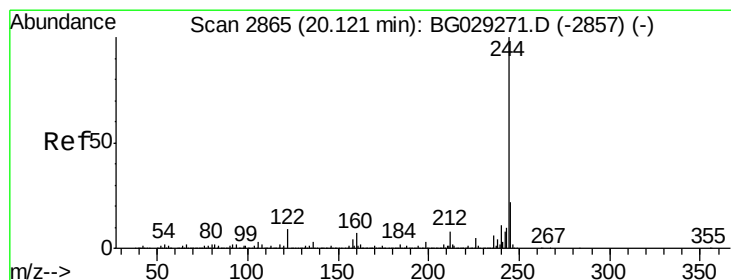
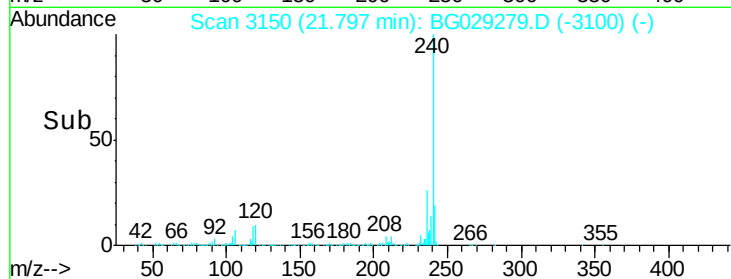
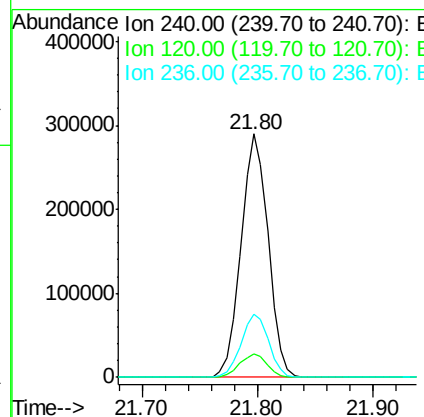
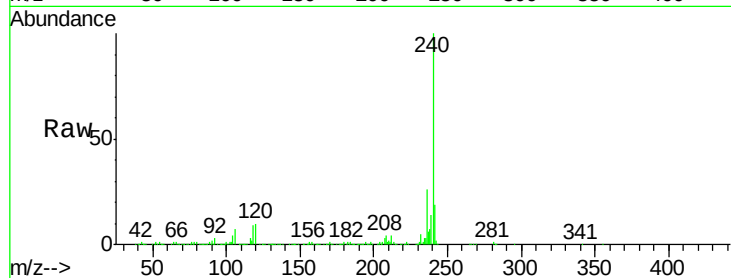




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG029279.D
 Acq: 16 Oct 2017 18:46

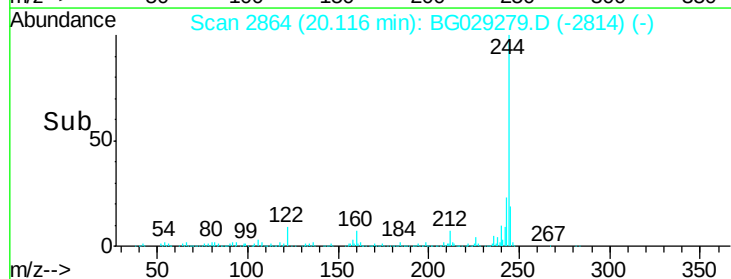
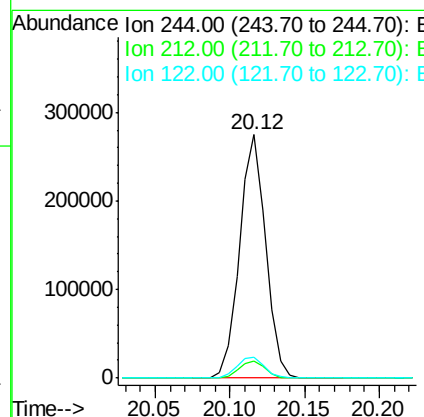
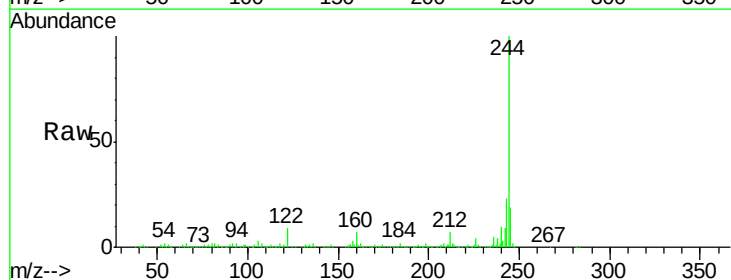
Instrument :
 BNA_G
 ClientSampleId :
 PT-ACIDS-WPDL

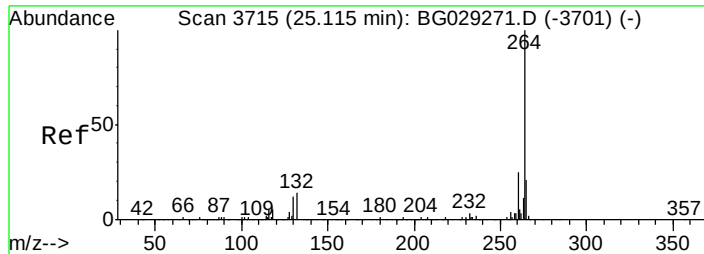
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.8	10.2
236	26.1	20.9	31.3



#78
 Terphenyl-d14
 Concen: 16.201 ng
 RT: 20.12 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG029279.D
 Acq: 16 Oct 2017 18:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	8.8	7.0	10.4

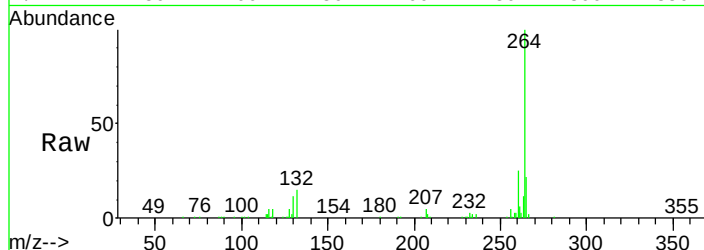




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.01 min
Lab File: BG029279.D
Acq: 16 Oct 2017 18:46

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:264 Resp: 483209
Ion Ratio Lower Upper
264 100
260 24.5 17.4 26.0
265 21.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70):
Ion 260.00 (259.70 to 260.70):
Ion 265.00 (264.70 to 265.70):

