

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
 Data File : BG025711.D
 Acq On : 30 Jan 2017 19:12
 Operator : SJ/MA
 Sample : I1305-22DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0035DL

Manual Integrations
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Quant Time: Jan 31 00:34:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54165	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	235114	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	179927	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	410145	20.00	ng	0.00
75) Chrysene-d12	21.83	240	690304	20.00	ng	0.00
86) Perylene-d12	25.22	264	672046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	103073	34.10	ng	0.00
7) Phenol-d6	7.33	99	146225	33.13	ng	0.00
23) Nitrobenzene-d5	9.35	82	108630	19.52	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	78508	30.60	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	233469	21.07	ng	0.00
78) Terphenyl-d14	20.13	244	572631	20.02	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.73	128	59564	17.36	ng	99
17) 2-Methylphenol	8.62	107	51653	15.24	ng	# 90
20) 3+4-Methylphenols	8.95	107	167838	36.29	ng	85
27) 2,4-Dimethylphenol	10.16	122	49311	13.15	ng	93
29) 2,4-Dichlorophenol	10.66	162	121239	31.51	ng	97
36) 4-Chloro-3-methylphenol	12.28	107	76304	16.28	ng	95
42) 2,4,6-Trichlorophenol	13.25	196	96181	27.27	ng	# 94
43) 2,4,5-Trichlorophenol	13.34	196	72951	19.16	ng	# 91
53) 2,4-Dinitrophenol	14.97	184	35567m	26.53	ng	
55) 4-Nitrophenol	15.08	139	35398m	20.30	ng	
64) 4,6-Dinitro-2-methylphenol	15.96	198	56756	19.47	ng	93
69) Pentachlorophenol	17.21	266	42655	17.31	ng	91

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

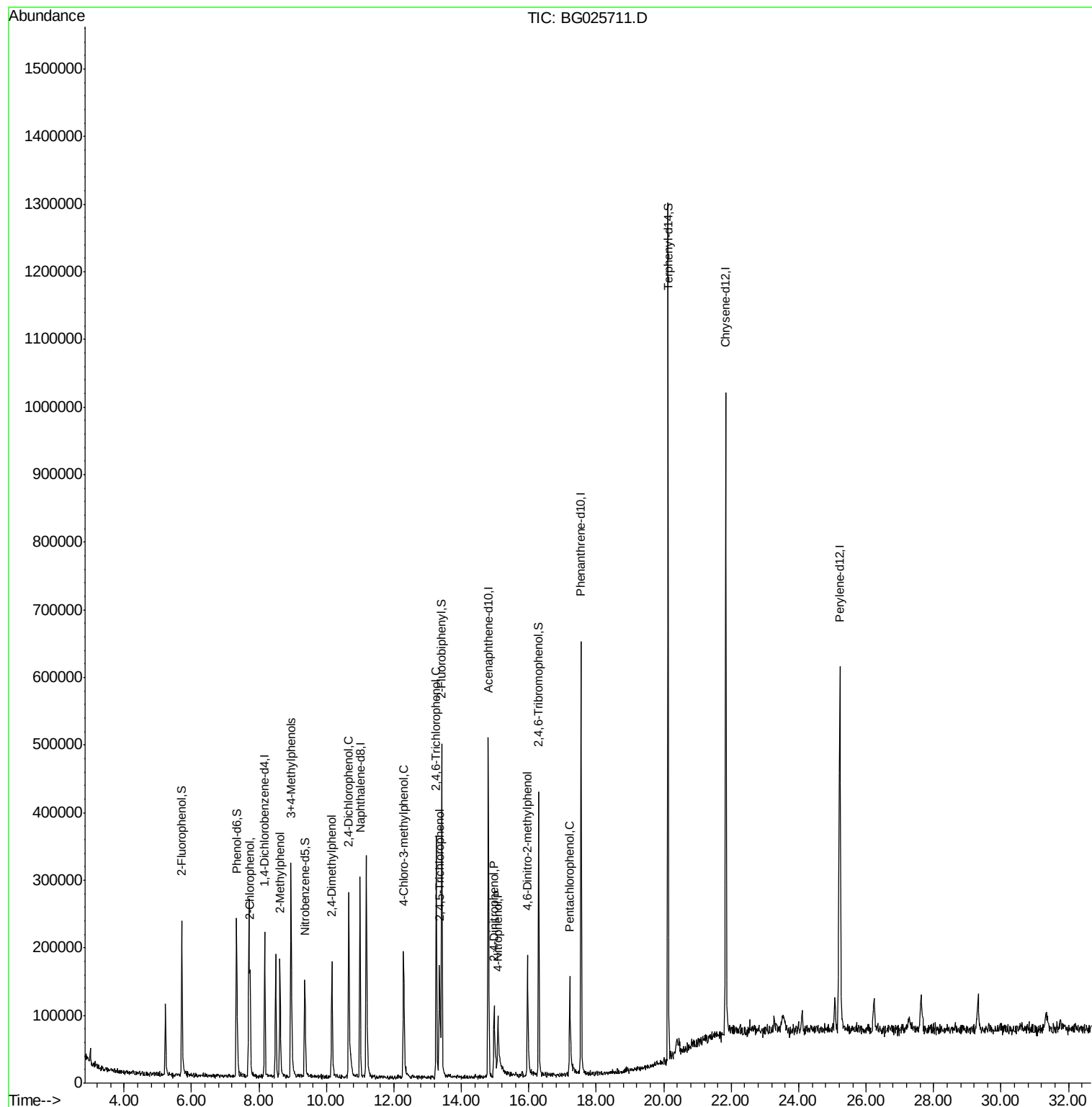
Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
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ALS Vial : 11 Sample Multiplier: 1

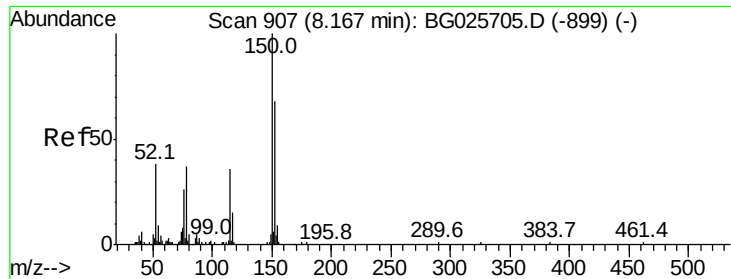
Instrument :
BNA_G
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0035DL

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#1

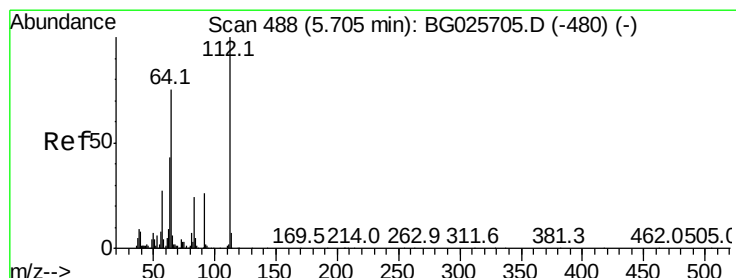
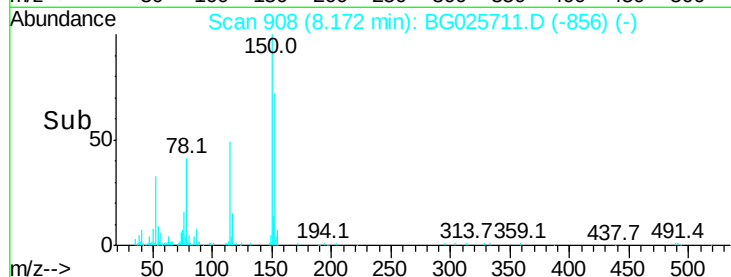
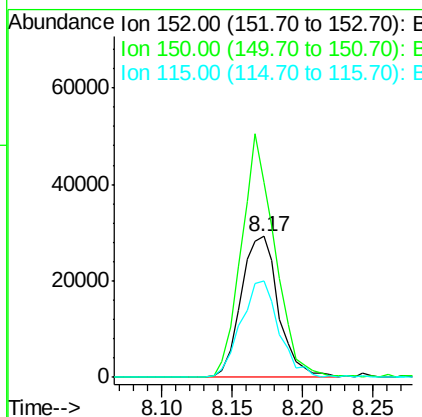
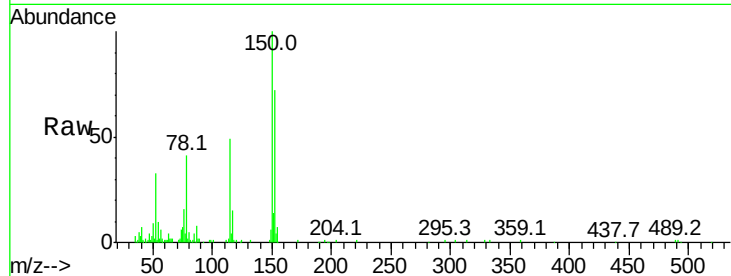
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG025711.D
Acq: 30 Jan 2017 19:12

Instrument :
BNA_G
ClientSampleId :
0035DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.7	114.0	171.0
115	68.5	48.1	72.1

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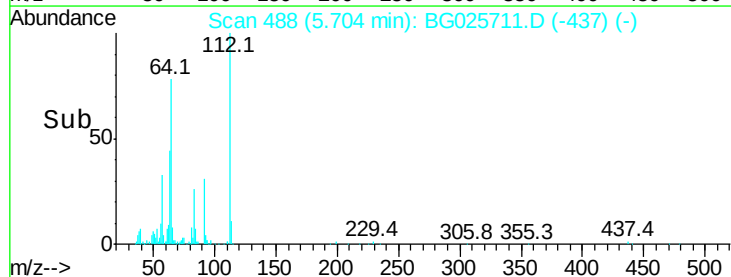
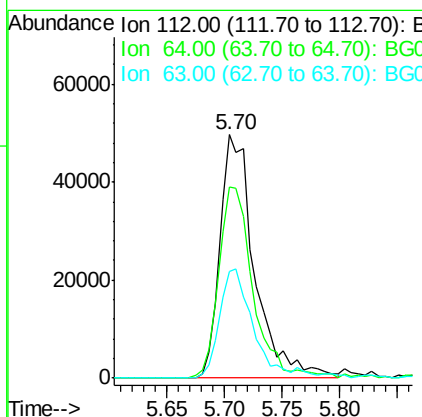
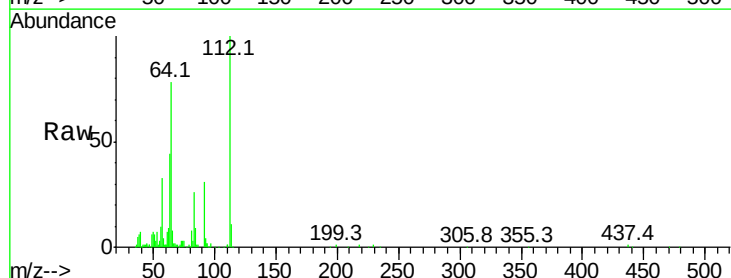
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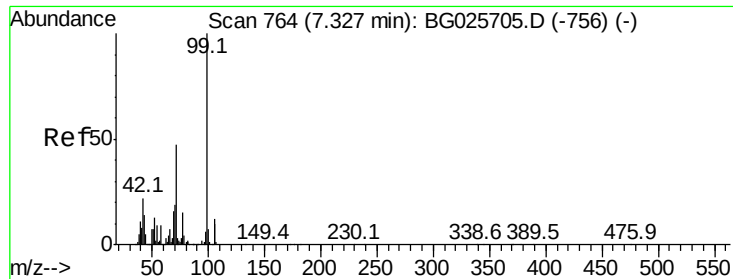


#5

2-Fluorophenol
Concen: 34.10 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG025711.D
Acq: 30 Jan 2017 19:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.5	61.8	92.6
63	44.0	37.2	55.8





#7

Phenol-d6

Concen: 33.13 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG025711.D

Acq: 30 Jan 2017 19:12

Instrument :

BNA_G

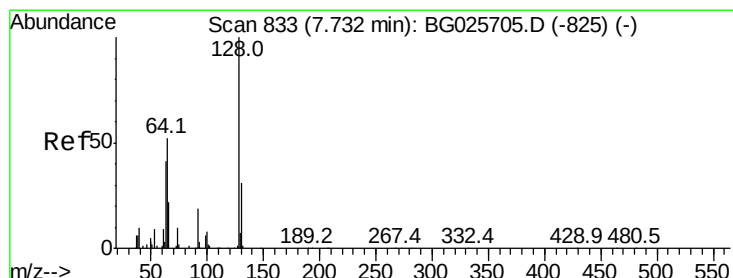
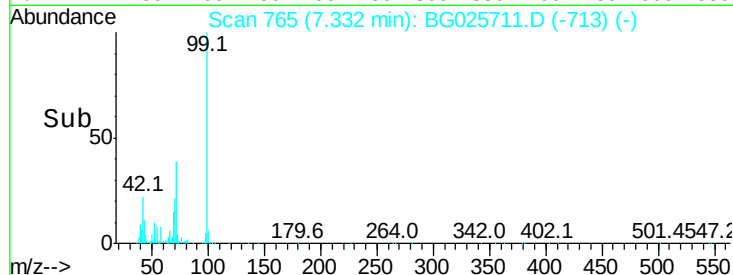
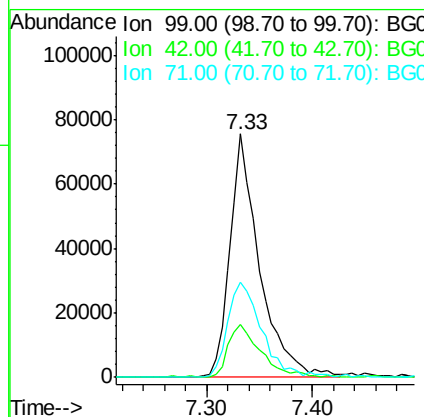
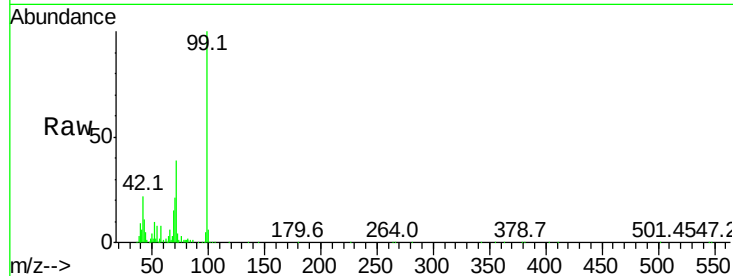
ClientSampleId :

0035DL

Tot Ion:	99	Resp:	146225
Ion Ratio	Lower	Upper	
99	100		
42	21.5	20.5	30.7
71	39.1	37.6	56.4

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#8

2-Chlorophenol

Concen: 17.36 ng

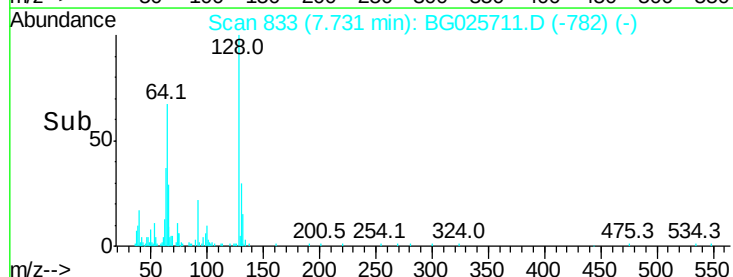
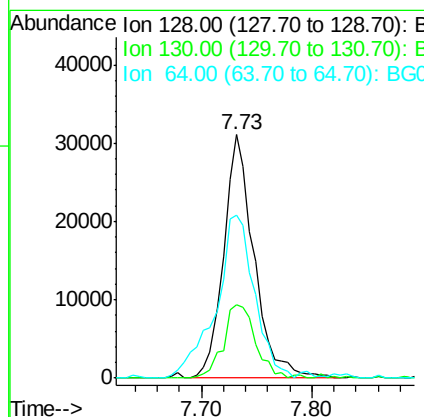
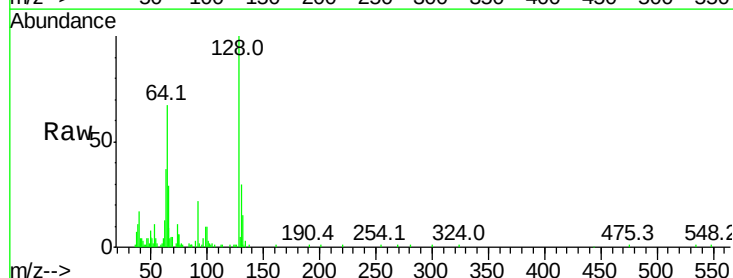
RT: 7.73 min Scan# 833

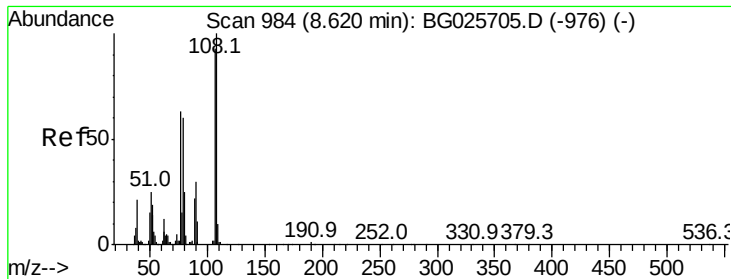
Delta R.T. -0.00 min

Lab File: BG025711.D

Acq: 30 Jan 2017 19:12

Tgt Ion:	128	Resp:	59564
Ion Ratio	Lower	Upper	
128	100		
130	30.3	11.4	51.4
64	66.9	46.6	86.6





#17

2-Methylphenol

Concen: 15.24 ng

RT: 8.62 min Scan# 985

Delta R.T. 0.00 min

Lab File: BG025711.D

Acq: 30 Jan 2017 19:12

Instrument :

BNA_G

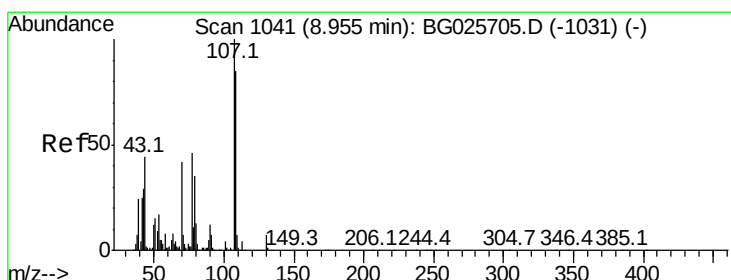
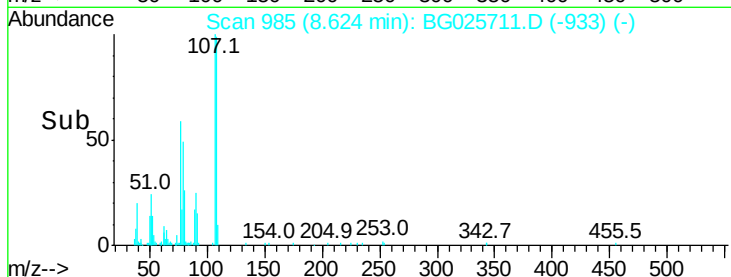
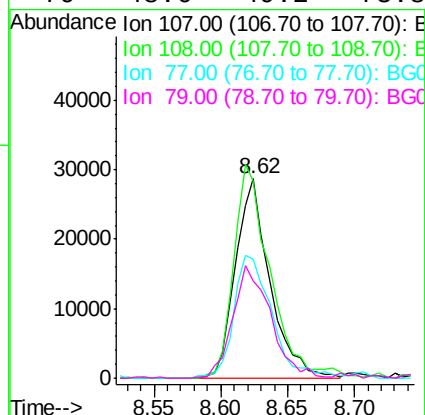
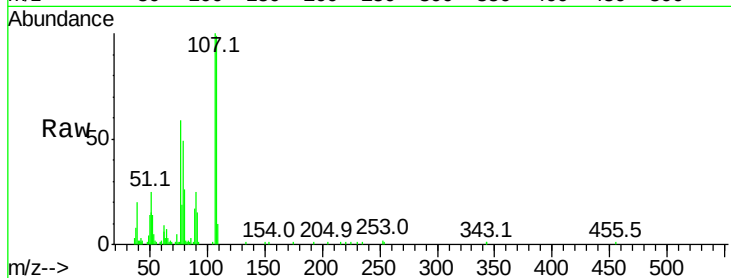
ClientSampleId :

0035DL

Tot Ion:	107	Resp:	51653
Ion Ratio	Lower	Upper	
107	100		
108	98.8	85.6	128.4
77	59.4	51.4	77.2
79	48.6	49.2	73.8#

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#20

3+4-Methylphenols

Concen: 36.29 ng

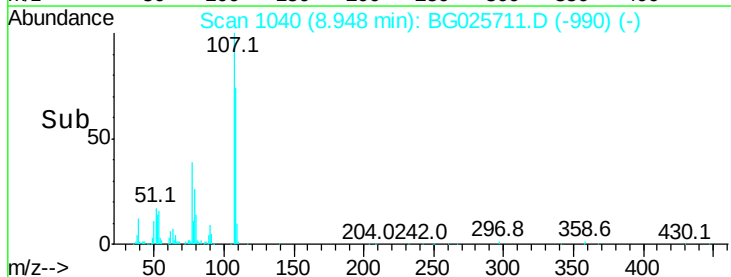
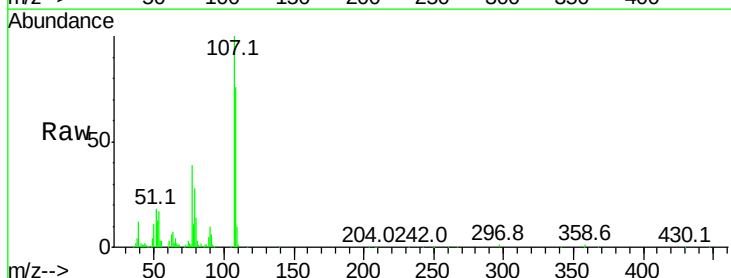
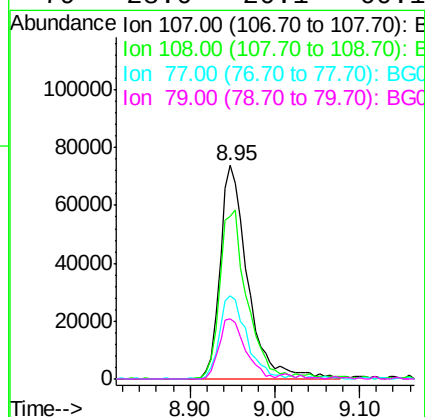
RT: 8.95 min Scan# 1040

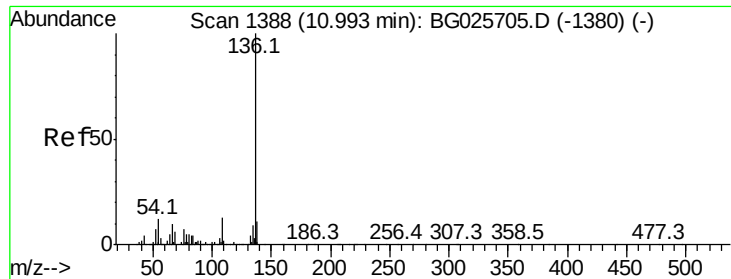
Delta R.T. -0.01 min

Lab File: BG025711.D

Acq: 30 Jan 2017 19:12

Tgt Ion:	107	Resp:	167838
Ion Ratio	Lower	Upper	
107	100		
108	75.8	70.8	110.8
77	39.2	25.8	65.8
79	28.0	20.1	60.1





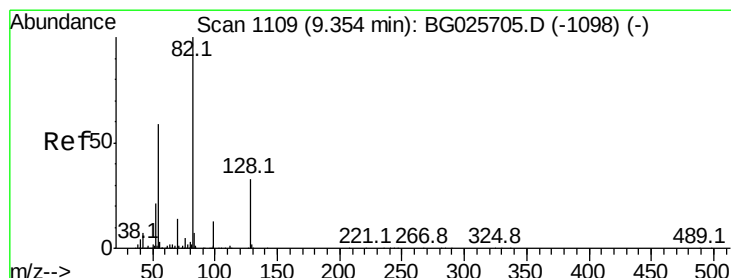
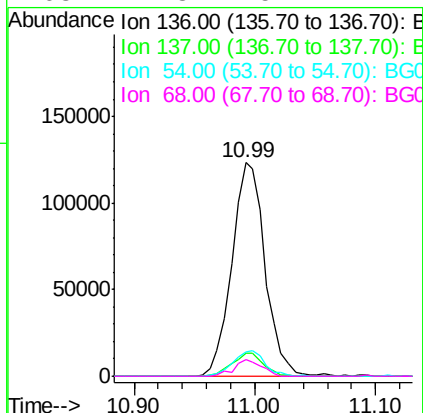
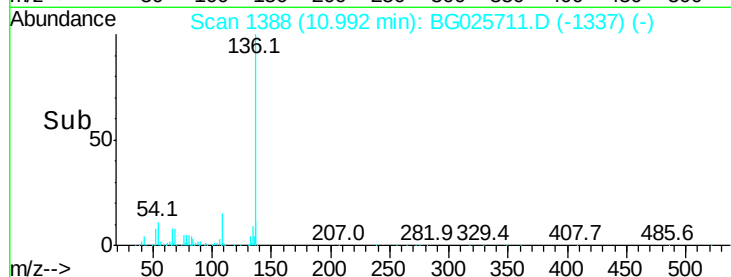
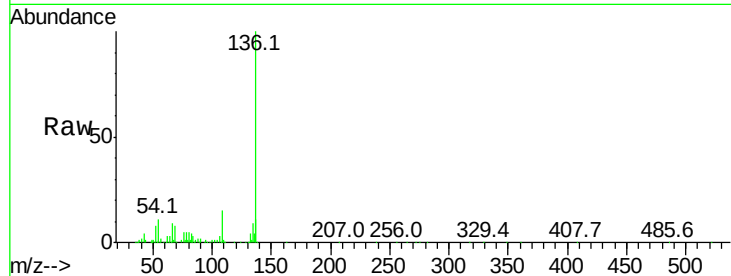
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG025711.D
Acq: 30 Jan 2017 19:12

Instrument :
BNA_G
ClientSampleId :
0035DL

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.4	9.3	13.9
68	7.8	5.1	7.7#

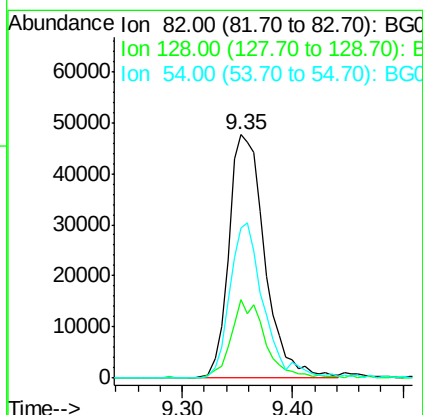
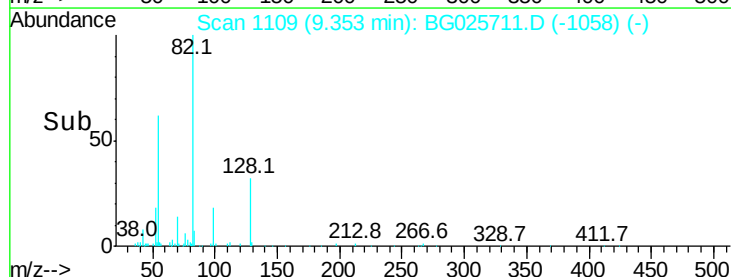
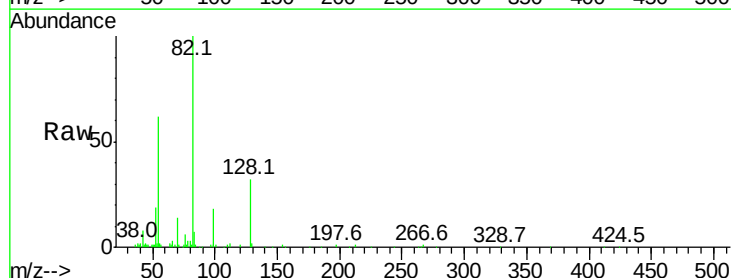
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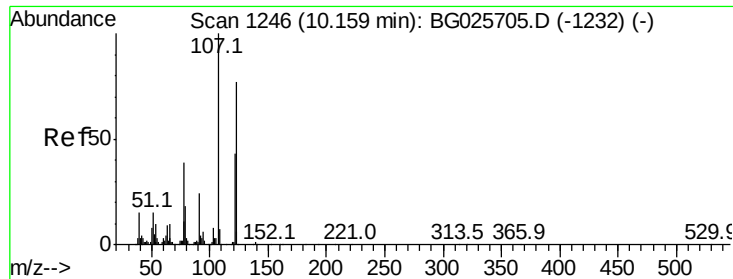
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#23
Nitrobenzene-d5
Concen: 19.52 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BG025711.D
Acq: 30 Jan 2017 19:12

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	32.2	26.4	39.6
54	61.6	49.4	74.2





#27

2,4-Dimethylphenol

Concen: 13.15 ng

RT: 10.16 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BG025711.D

Acq: 30 Jan 2017 19:12

Instrument :

BNA_G

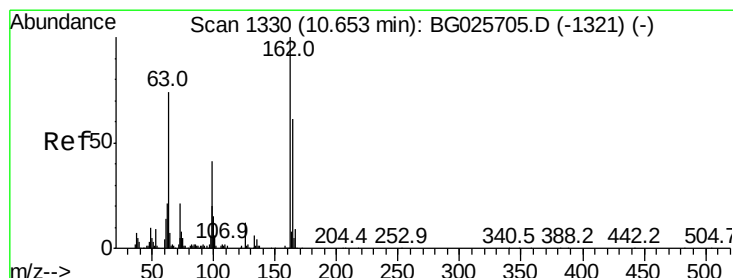
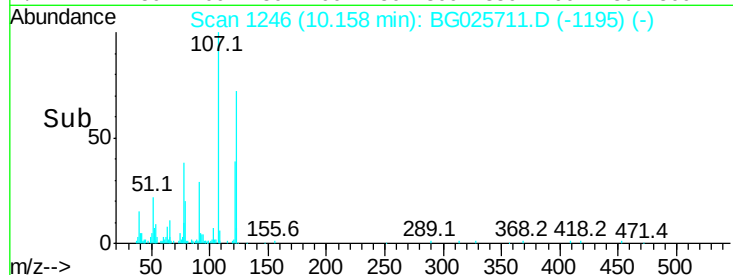
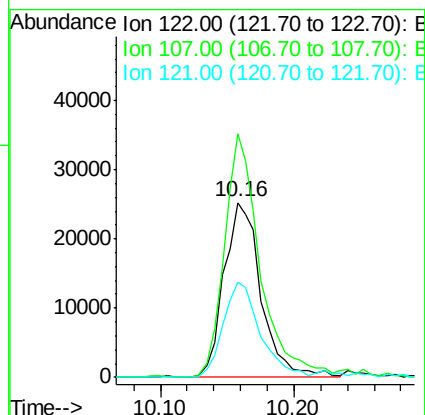
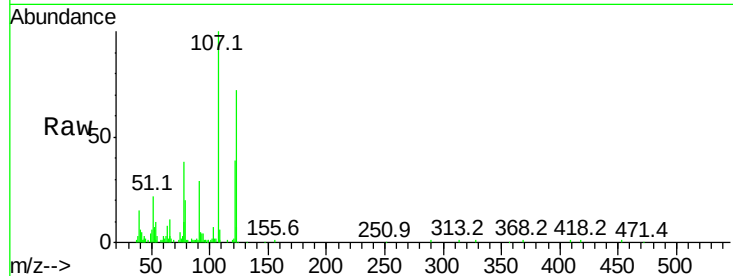
ClientSampleId :

0035DL

Tot Ion:	122	Resp:	49311
Ion Ratio	Lower	Upper	
122	100		
107	139.2	104.2	156.4
121	54.2	46.0	69.0

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#29

2,4-Dichlorophenol

Concen: 31.51 ng

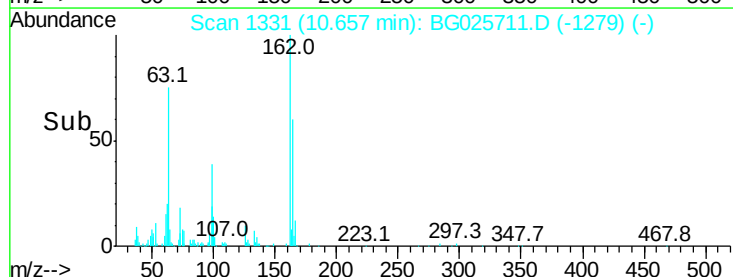
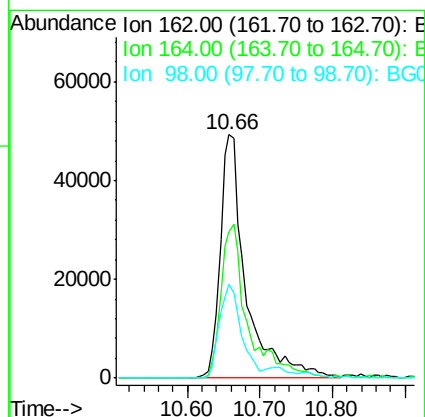
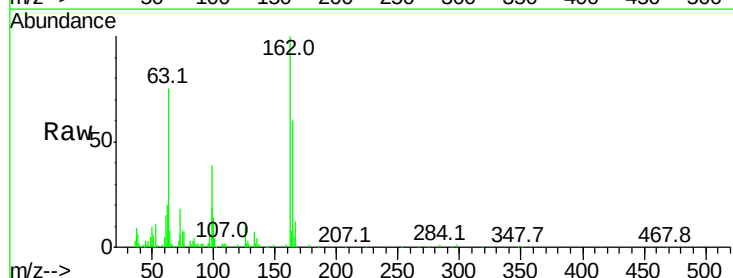
RT: 10.66 min Scan# 1331

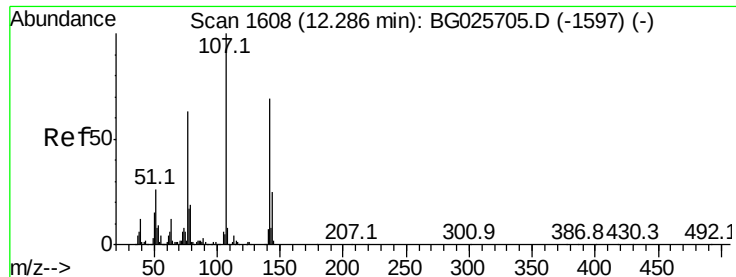
Delta R.T. 0.00 min

Lab File: BG025711.D

Acq: 30 Jan 2017 19:12

Tgt Ion:	162	Resp:	121239
Ion Ratio	Lower	Upper	
162	100		
164	59.9	42.4	82.4
98	38.6	20.3	60.3





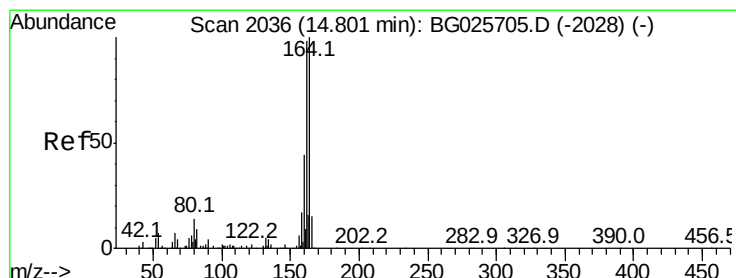
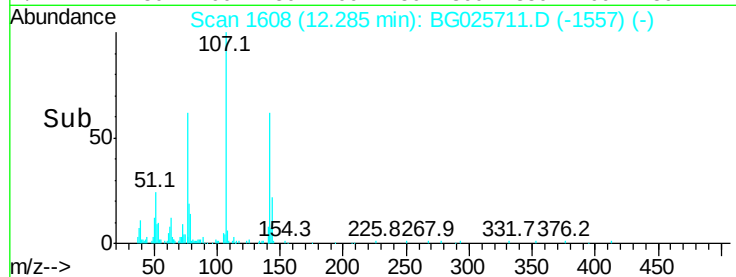
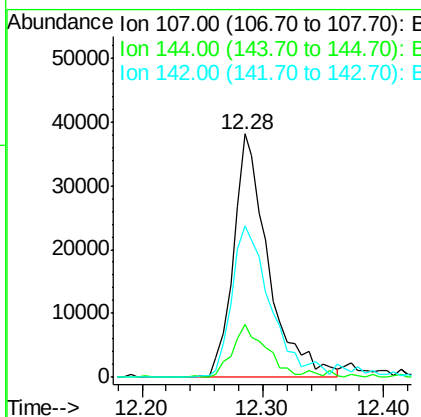
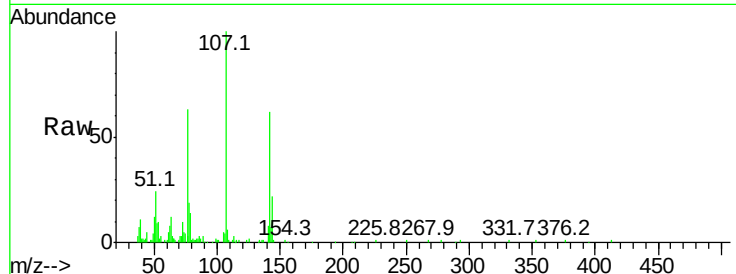
#36
4-Chloro-3-methylphenol
Concen: 16.28 ng
RT: 12.28 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BG025711.D
Acq: 30 Jan 2017 19:12

Instrument :
BNA_G
ClientSampled :
0035DL

Tot Ion	Ratio	Lower	Upper
107	100		
144	21.5	17.4	26.0
142	62.5	54.1	81.1

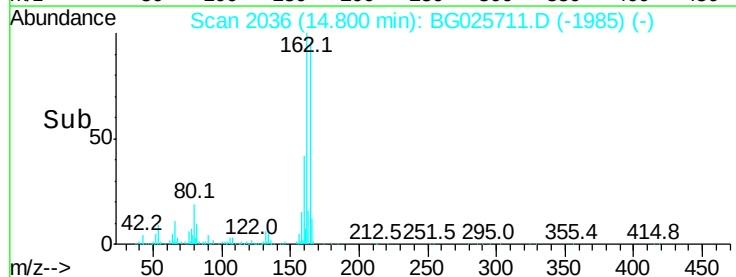
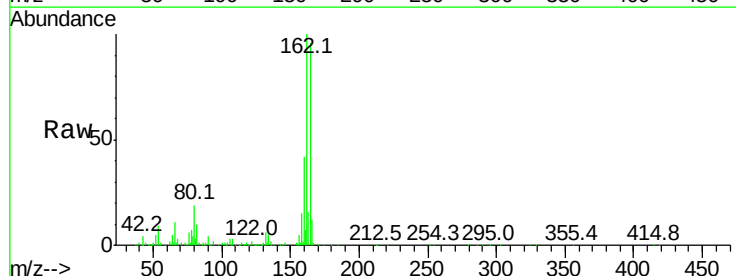
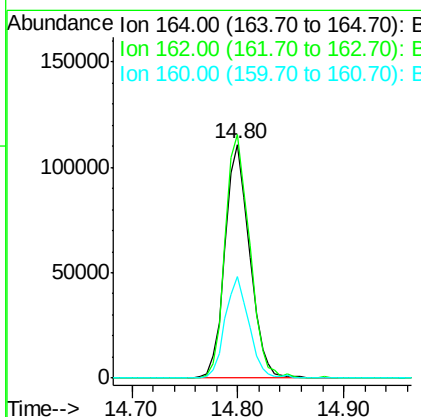
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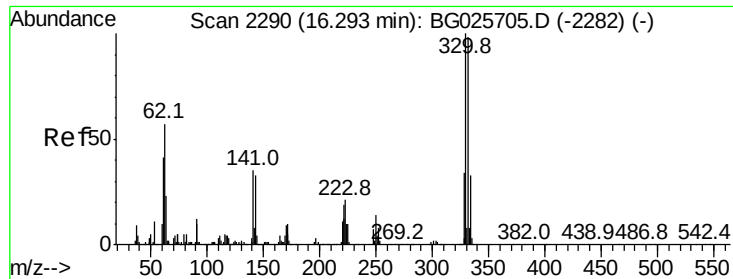
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG025711.D
Acq: 30 Jan 2017 19:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.1	127.7
160	43.6	34.7	52.1





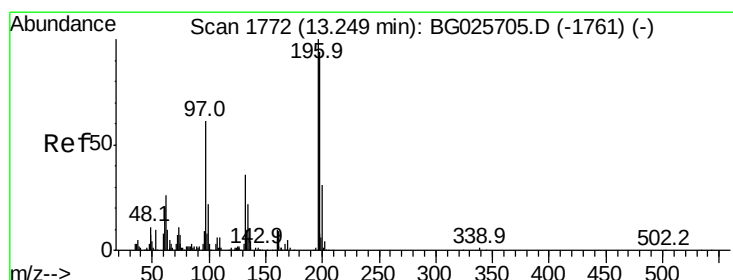
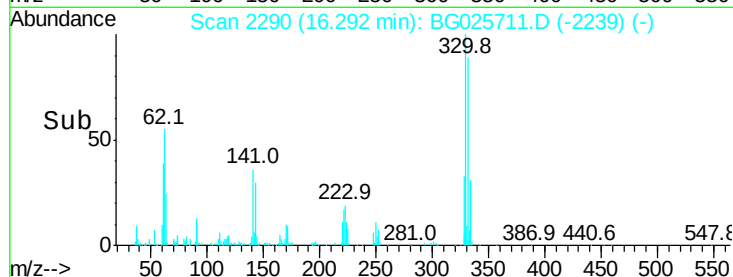
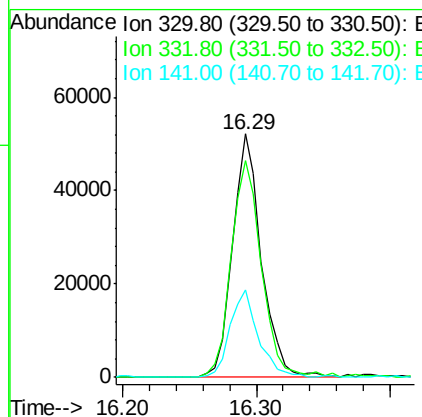
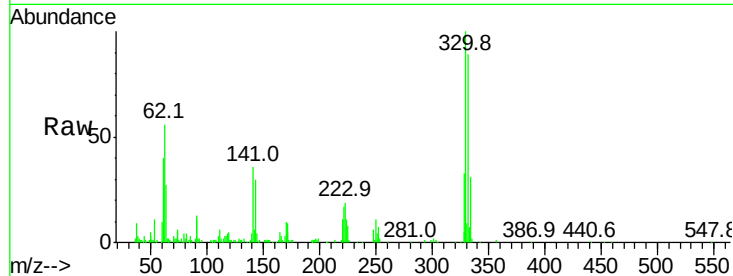
#41
 2,4,6-Tribromophenol
 Concen: 30.60 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG025711.D
 Acq: 30 Jan 2017 19:12

Instrument :
 BNA_G
 ClientSampleId :
 0035DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.3	115.9
141	35.4	32.1	48.1

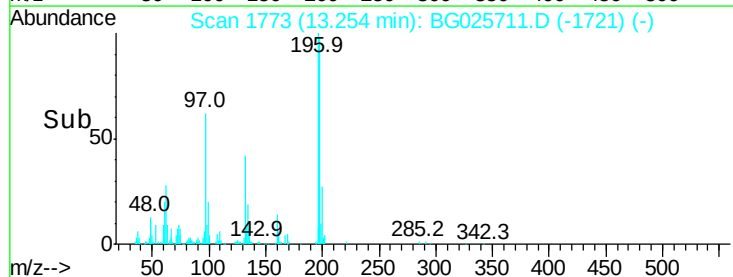
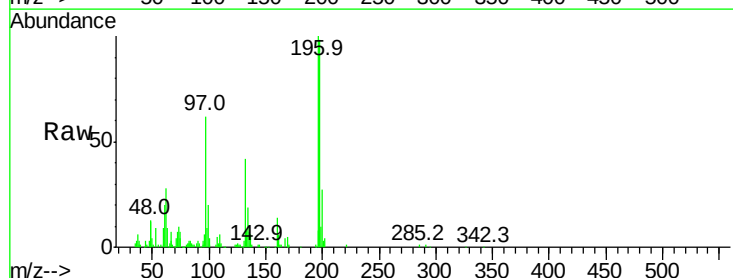
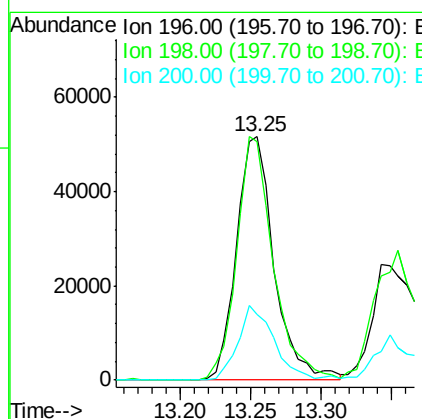
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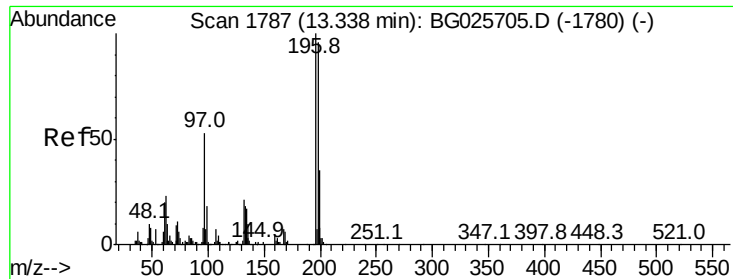
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#42
 2,4,6-Trichlorophenol
 Concen: 27.27 ng
 RT: 13.25 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG025711.D
 Acq: 30 Jan 2017 19:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	81.4	122.2
200	27.0	27.0	40.6#





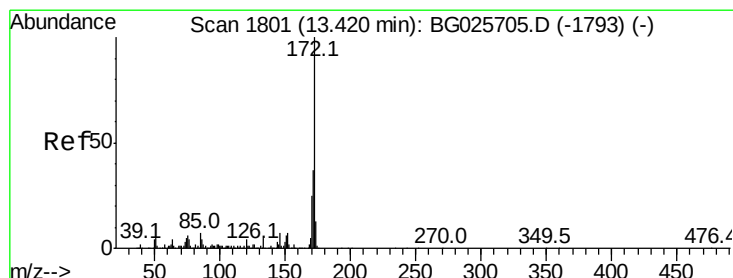
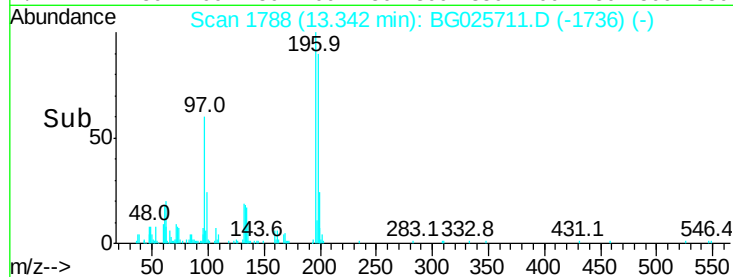
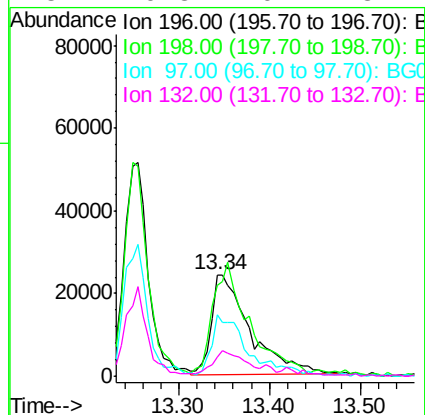
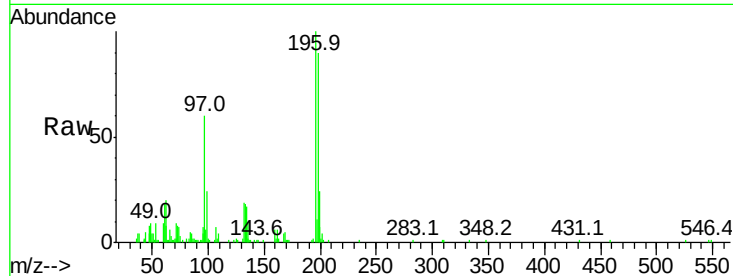
#43
 2,4,5-Trichlorophenol
 Concen: 19.16 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BG025711.D
 Acq: 30 Jan 2017 19:12

Instrument :
 BNA_G
 ClientSampled :
 0035DL

Tot Ion	Ratio	Resp	Lower	Upper
196	100	72951		
198	90.1	79.9	119.9	
97	60.3	45.4	68.0	
132	19.3	20.7	31.1	#

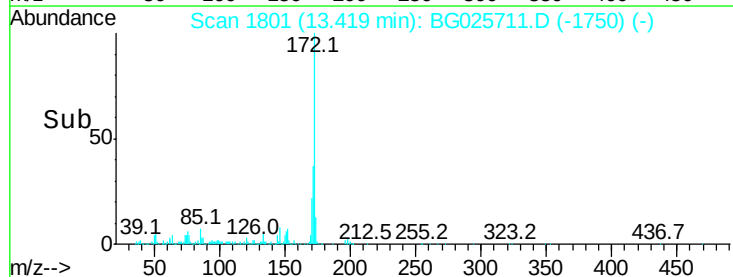
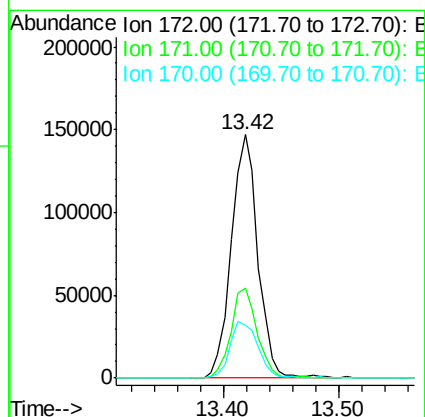
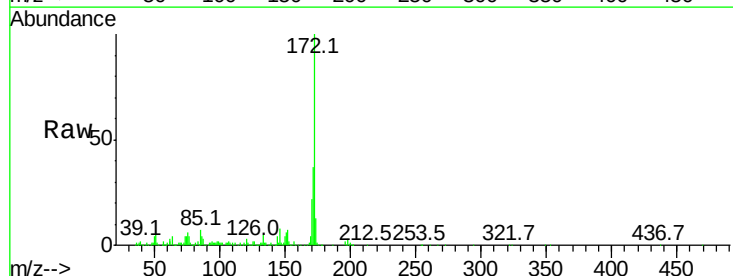
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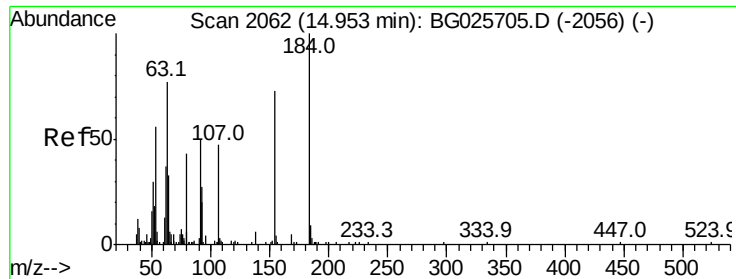
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 21.07 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG025711.D
 Acq: 30 Jan 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	233469		
171	36.9	32.2	48.2	
170	21.8	21.8	32.6	





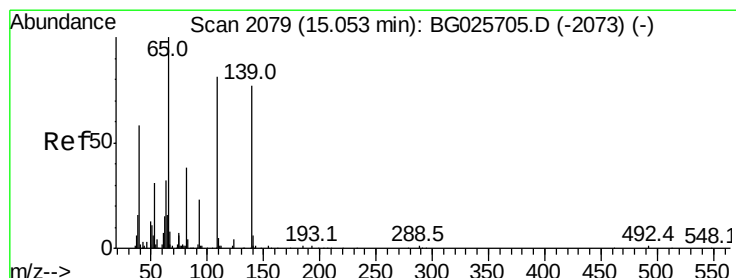
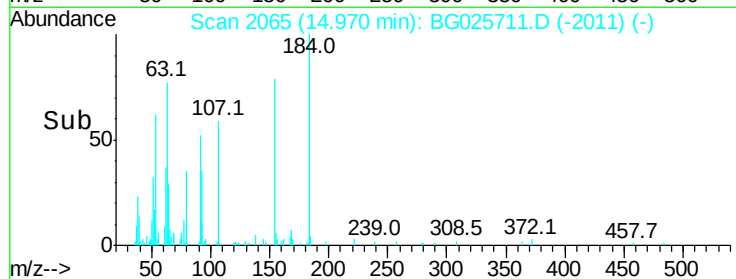
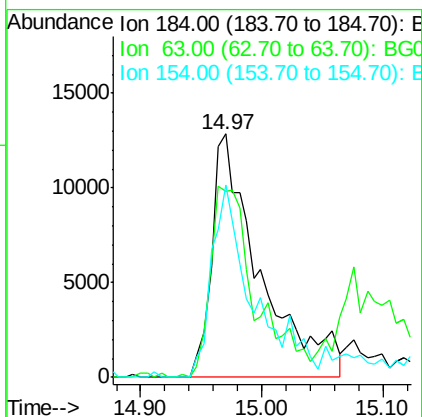
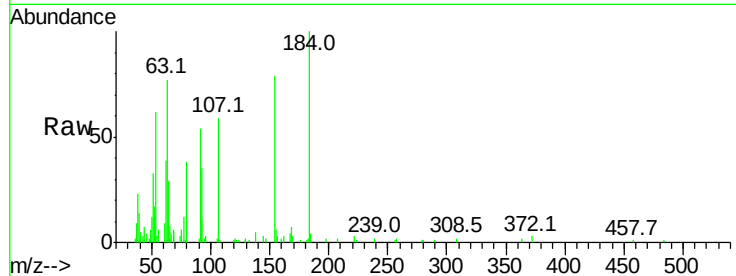
#53
2,4-Dinitrophenol
Concen: 26.53 ng m
RT: 14.97 min Scan# 2065
Delta R.T. 0.02 min
Lab File: BG025711.D
Acq: 30 Jan 2017 19:12

Instrument :
BNA_G
ClientSampleId :
0035DL

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.5	52.7	79.1
154	78.8	57.3	85.9

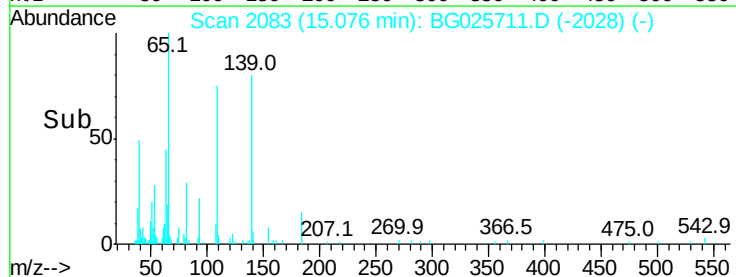
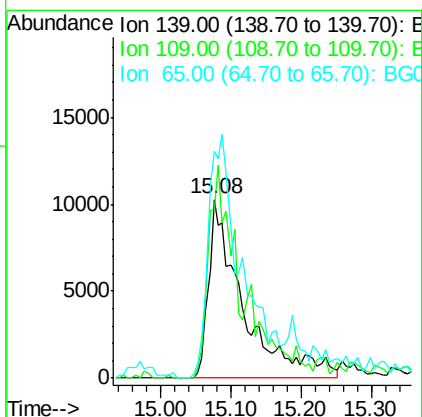
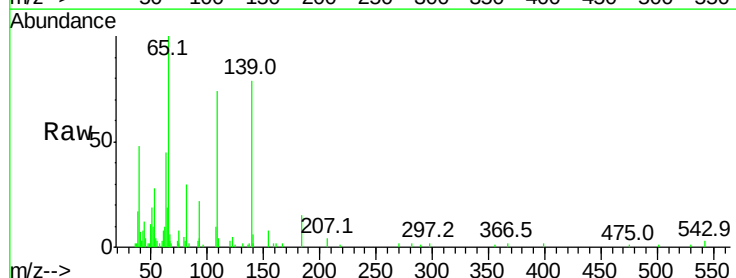
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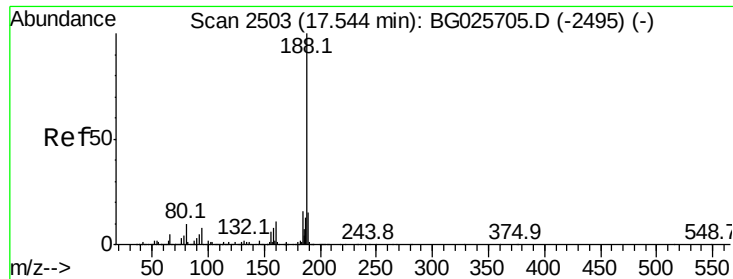
mohammad
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#55
4-Nitrophenol
Concen: 20.30 ng m
RT: 15.08 min Scan# 2083
Delta R.T. 0.02 min
Lab File: BG025711.D
Acq: 30 Jan 2017 19:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.0	101.2	141.2#
65	127.3	135.3	175.3#





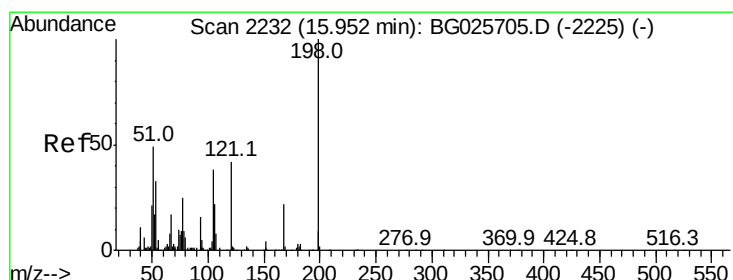
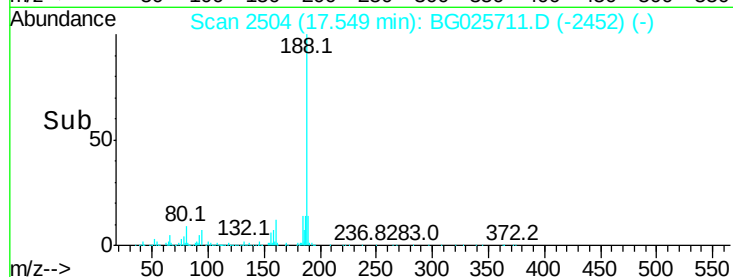
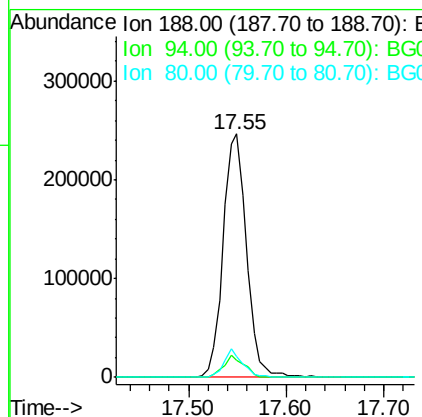
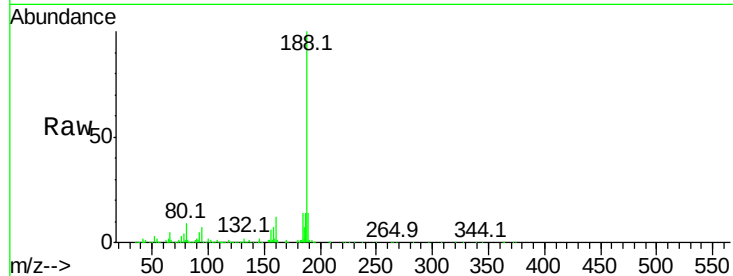
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG025711.D
Acq: 30 Jan 2017 19:12

Instrument :
BNA_G
ClientSampleId :
0035DL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	410145		
94	7.2		5.8	8.8
80	8.7		7.5	11.3

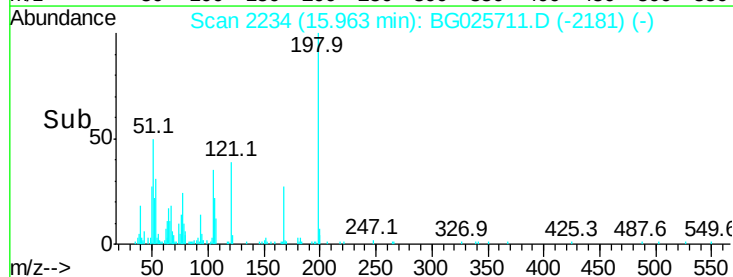
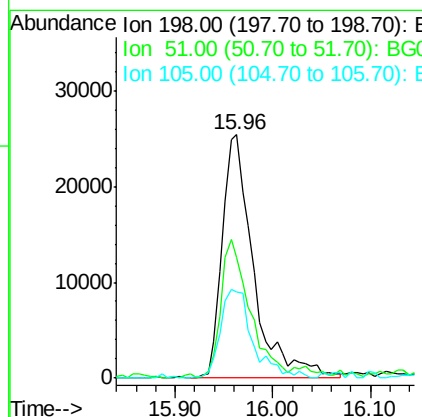
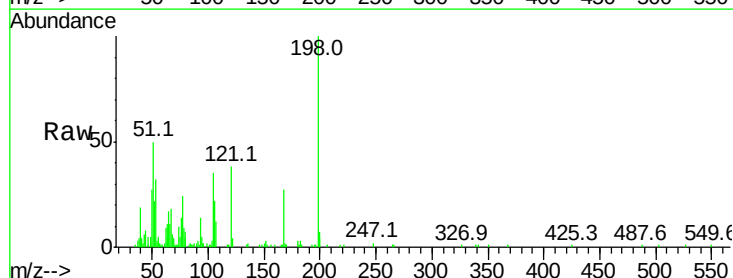
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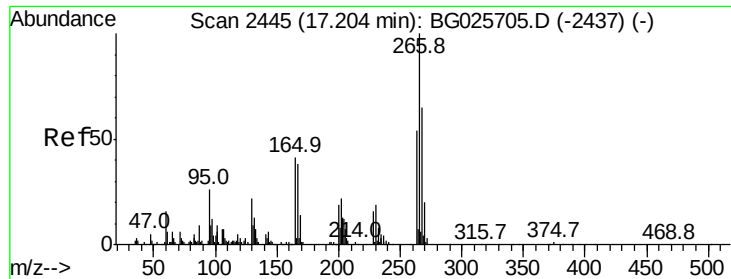
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#64
4,6-Dinitro-2-methylphenol
Concen: 19.47 ng
RT: 15.96 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BG025711.D
Acq: 30 Jan 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	56756		
51	49.7		22.6	62.6
105	35.2		14.4	54.4





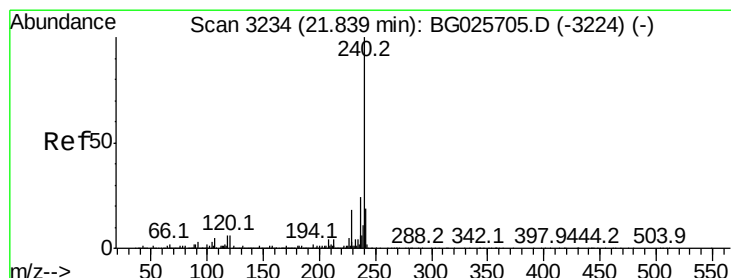
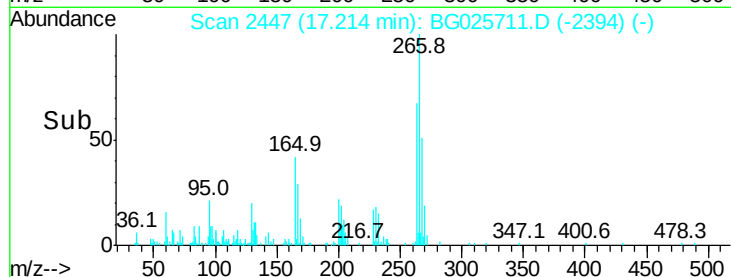
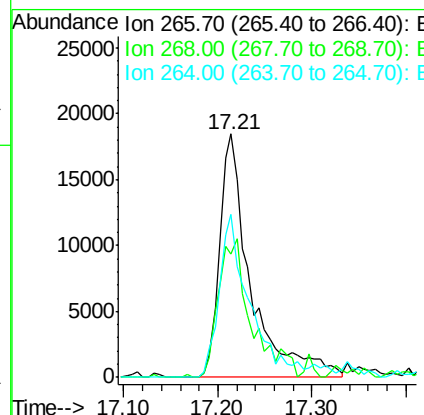
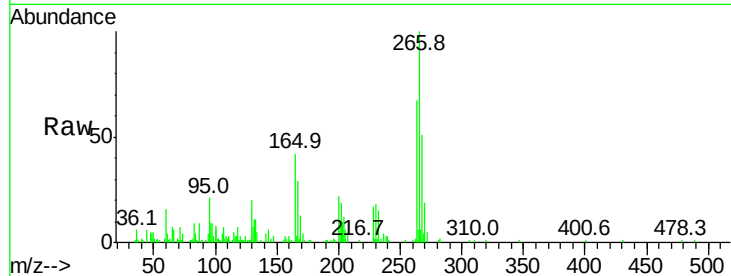
#69
 Pentachlorophenol
 Concen: 17.31 ng
 RT: 17.21 min Scan# 2447
 Delta R.T. 0.01 min
 Lab File: BG025711.D
 Acq: 30 Jan 2017 19:12

Instrument :
 BNA_G
 ClientSampled :
 0035DL

Tot Ion	Ratio	Lower	Upper
266	100		
268	50.6	48.6	72.8
264	66.7	50.1	75.1

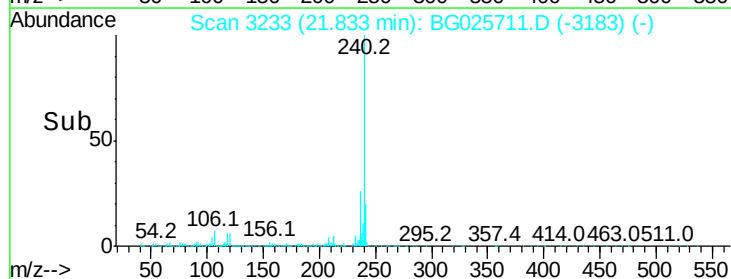
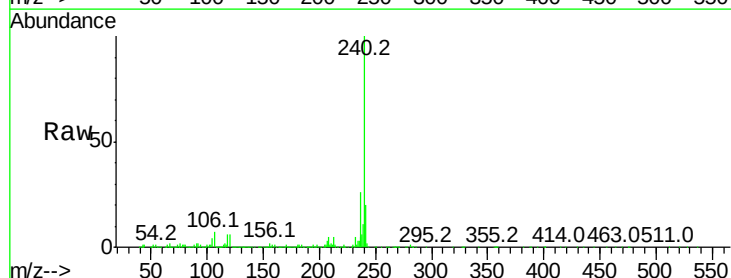
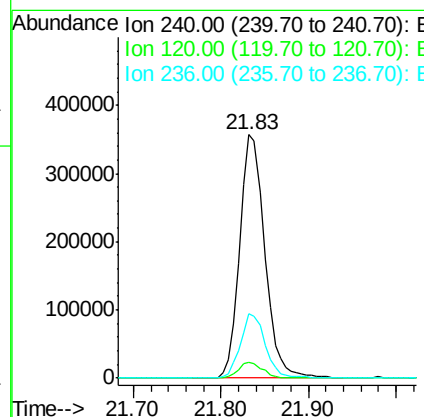
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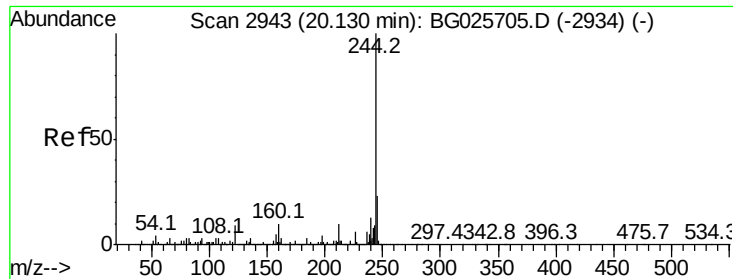
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.83 min Scan# 3233
 Delta R.T. -0.01 min
 Lab File: BG025711.D
 Acq: 30 Jan 2017 19:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.7	8.5
236	26.4	22.2	33.4





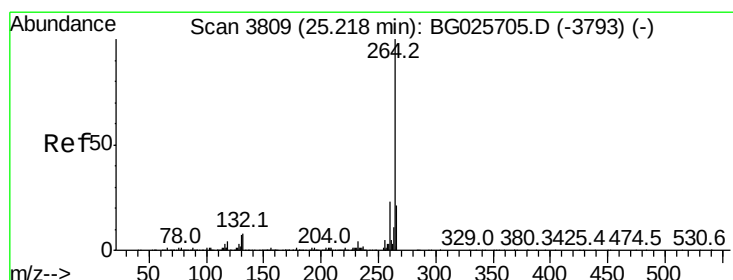
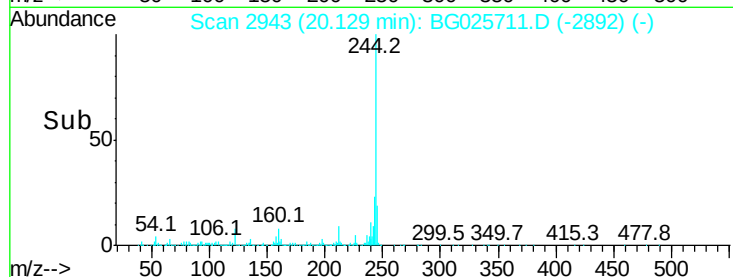
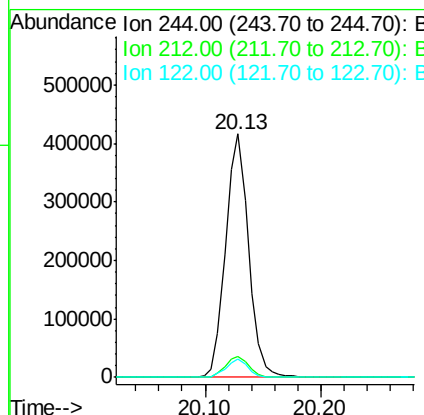
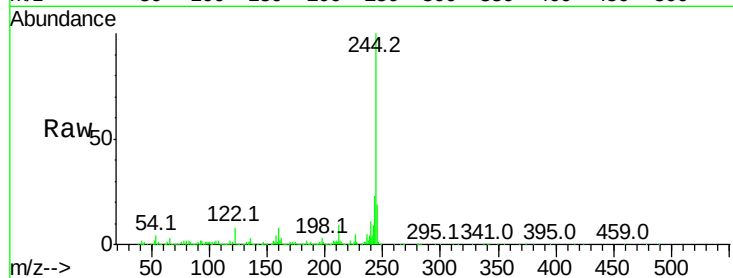
#78
 Terphenyl-d14
 Concen: 20.02 ng
 RT: 20.13 min Scan# 2943
 Delta R.T. -0.00 min
 Lab File: BG025711.D
 Acq: 30 Jan 2017 19:12

Instrument :
 BNA_G
 ClientSampleId :
 0035DL

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	8.7	10.0	15.0#	
122	7.6	8.6	12.8#	

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.22 min Scan# 3809
 Delta R.T. -0.00 min
 Lab File: BG025711.D
 Acq: 30 Jan 2017 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	22.1	21.8	32.8	
265	21.0	18.2	27.4	

