

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024724.D
 Acq On : 7 Nov 2016 11:24
 Operator : UM/SJ
 Sample : H5524-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BNA-SOIL

Manual Integrations
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Quant Time: Nov 07 16:49:43 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	81999	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	331734	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	264056	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	612547	20.00	ng	0.00
75) Chrysene-d12	21.92	240	857194	20.00	ng	0.00
86) Perylene-d12	25.35	264	902673	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	630274	125.98	ng	0.00
7) Phenol-d6	7.41	99	931552	135.74	ng	0.00
23) Nitrobenzene-d5	9.44	82	652273	89.52	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	557877	141.42	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1468494	92.43	ng	-0.01
78) Terphenyl-d14	20.20	244	2649071	92.34	ng	-0.01

Target Compounds						Qvalue
8) 2-Chlorophenol	7.83	128	1130469	222.24	ng	96
10) Phenol	7.44	94	2135877	301.92	ng	99
11) bis(2-Chloroethyl)ether	7.67	93	754045	141.88	ng	90
12) 1,3-Dichlorobenzene	8.15	146	1057426	167.92	ng	97
13) 1,4-Dichlorobenzene	8.30	146	725036	116.57	ng	98
14) 1,2-Dichlorobenzene	8.62	146	749449	125.32	ng	96
18) Hexachloroethane	9.35	117	130692	54.66	ng	94
24) Nitrobenzene	9.48	77	931553	114.93	ng	97
25) Isophorone	10.01	82	3173916	234.19	ng	# 93
29) 2,4-Dichlorophenol	10.73	162	834973	151.04	ng	95
30) 1,2,4-Trichlorobenzene	10.95	180	753264	114.87	ng	98
31) Naphthalene	11.15	128	1880128	113.62	ng	98
34) Hexachlorobutadiene	11.41	225	784682	152.89	ng	98
37) 2-Methylnaphthalene	12.73	142	1203021	99.64	ng	96
48) Acenaphthylene	14.61	152	2359242	110.26	ng	98
51) Acenaphthene	14.95	154	1175870	73.72	ng	99
55) 4-Nitrophenol	15.08	139	392745	108.86	ng	# 87
57) Fluorene	15.92	166	1672128	91.44	ng	99
60) 4-Chlorophenyl-phenylether	15.91	204	2204157	214.80	ng	94
67) Hexachlorobenzene	16.92	284	464746	56.56	ng	# 87
70) Phenanthrene	17.67	178	4203203m	134.62	ng	
71) Anthracene	17.76	178	3465269	110.01	ng	# 89
74) Fluoranthene	19.67	202	4162276	105.46	ng	88
77) Pyrene	20.02	202	3357276	80.12	ng	# 90
80) Benzo(a)anthracene	21.90	228	1598583	33.95	ng	96
82) Chrysene	21.97	228	2475756	55.20	ng	99
83) Bis(2-ethylhexyl)phthalate	21.76	149	4063404	162.60	ng	# 73
84) Di-n-octyl phthalate	23.04	149	6158927	148.51	ng	# 95
85) Indeno(1,2,3-cd)pyrene	29.30	276	3853206	62.24	ng	# 88
87) Benzo(b)fluoranthene	24.25	252	3260515	66.82	ng	97
90) Dibenzo(a,h)anthracene	29.38	278	4694401	89.71	ng	96
91) Benzo(a,h,i)perylene	30.54	276	2318517	44.35	ng	97

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Quant Time: Nov 07 16:49:43 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

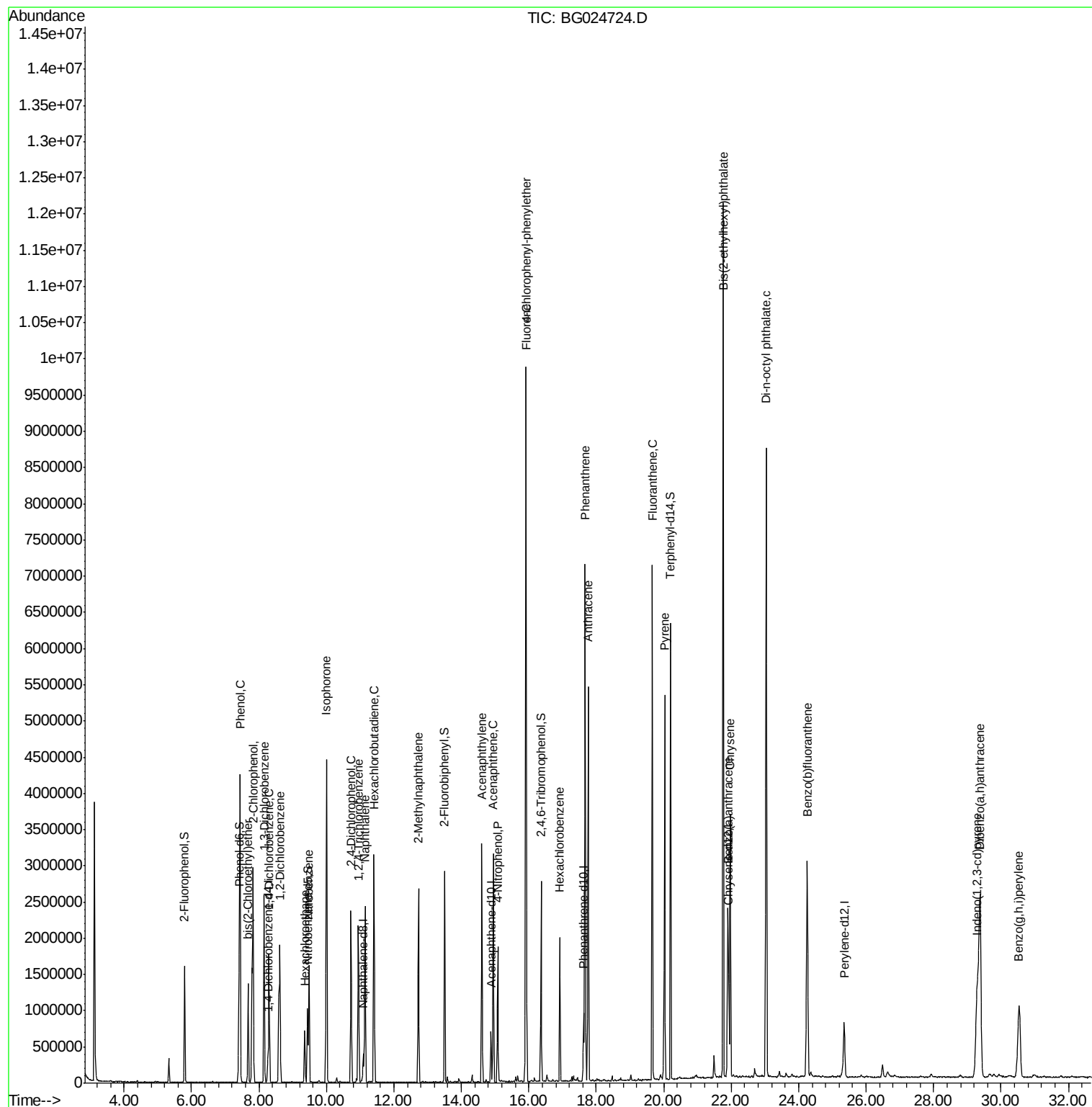
Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024724.D
Acq On : 7 Nov 2016 11:24
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Sample : H5524-15
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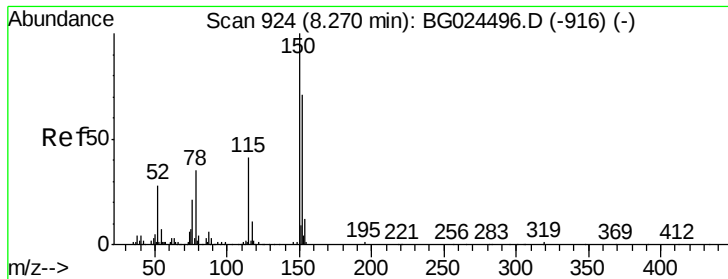
Instrument :
BNA_G
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#1

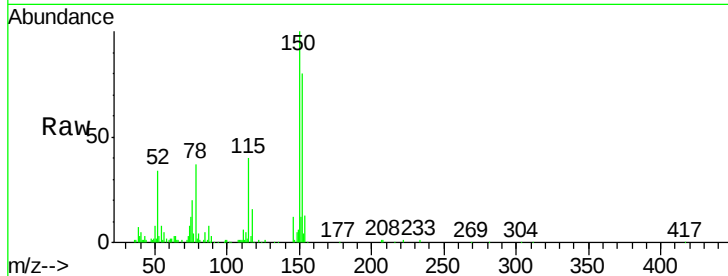
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampled :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	125.1	114.0	171.0
115	49.8	48.1	72.1

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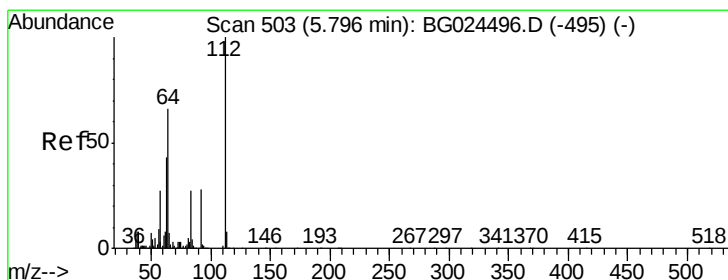
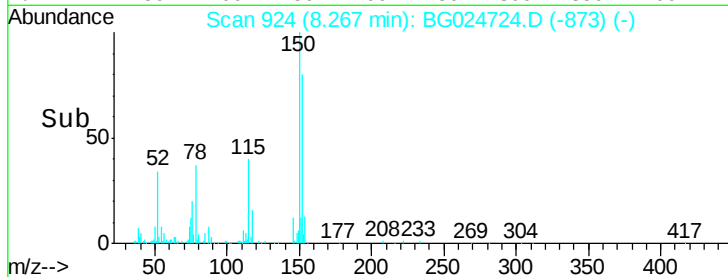
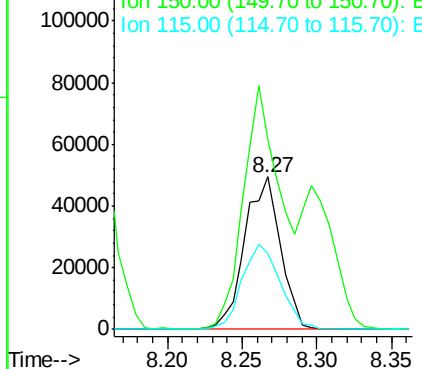


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

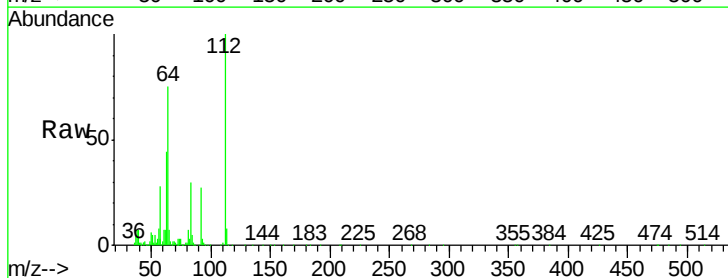
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.98 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.9	61.8	92.6
63	43.6	37.2	55.8

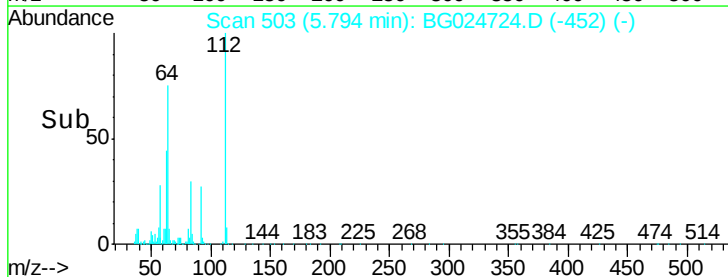
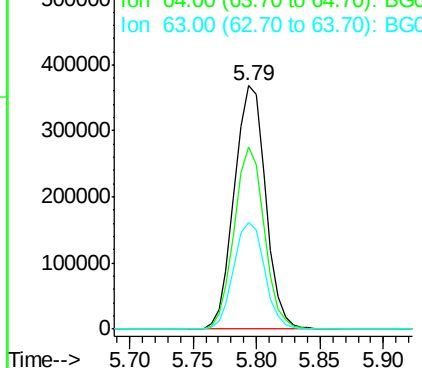


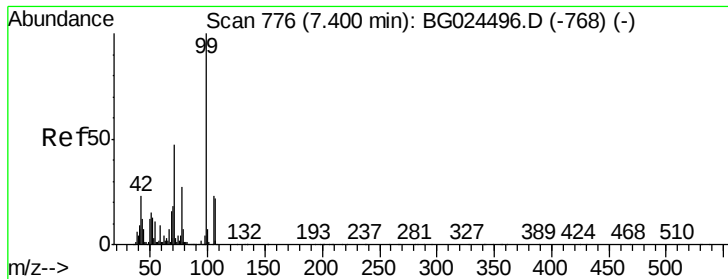
Abundance

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: 135.74 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

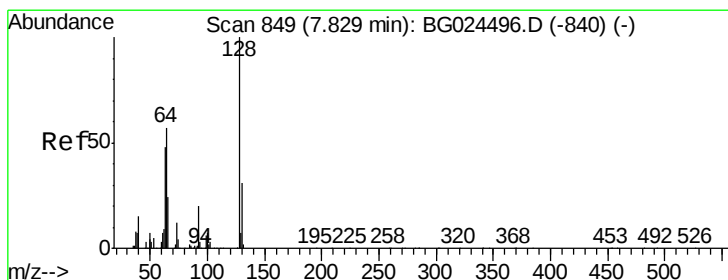
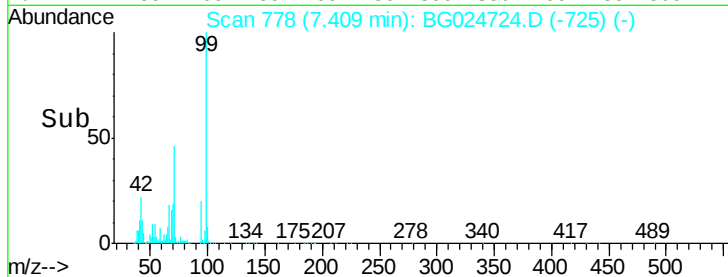
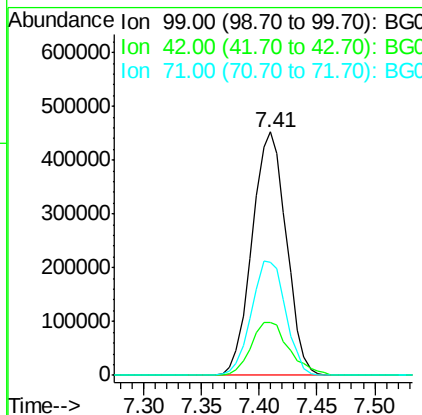
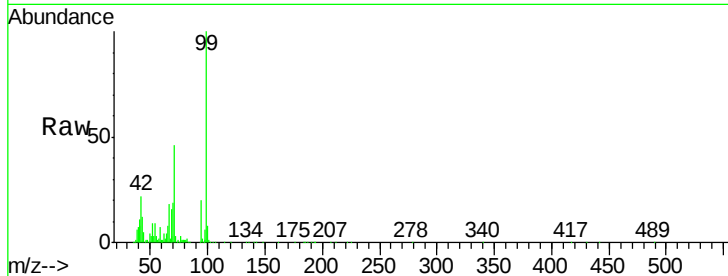
ClientSampleId :

PT-BNA-SOIL

Tot Ion:	99	Resp:	931552
Ion Ratio	Lower	Upper	
99	100		
42	21.9	20.5	30.7
71	46.4	37.6	56.4

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#8

2-Chlorophenol

Concen: 222.24 ng

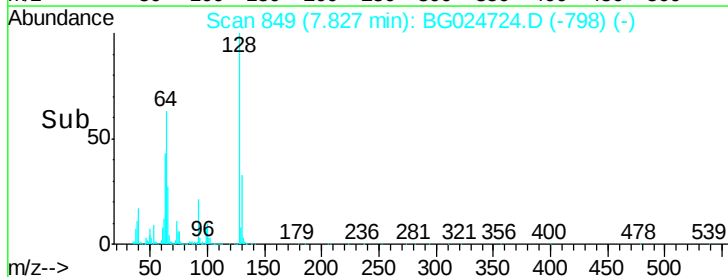
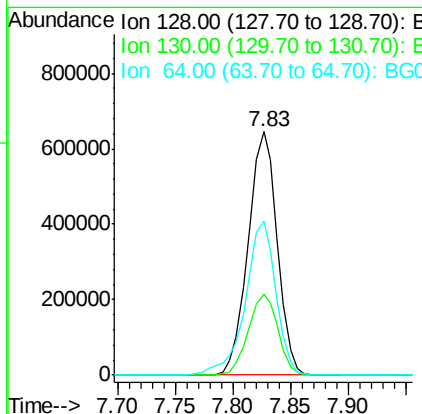
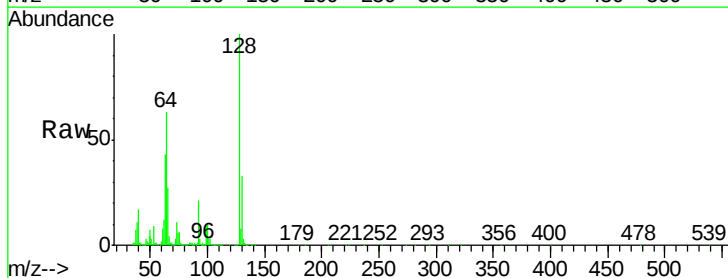
RT: 7.83 min Scan# 849

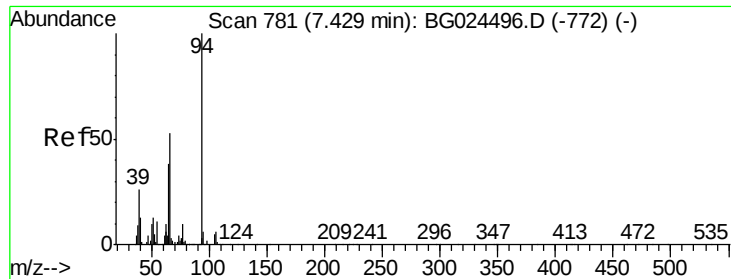
Delta R.T. -0.00 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Tgt Ion:	128	Resp:	1130469
Ion Ratio	Lower	Upper	
128	100		
130	33.2	11.4	51.4
64	63.1	46.6	86.6





#10

Phenol

Concen: 301.92 ng

RT: 7.44 min Scan# 783

Delta R.T. 0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

Tot Ion: 94 Resp: 2135877

Ion Ratio Lower Upper

94 100

65 39.6 20.6 60.6

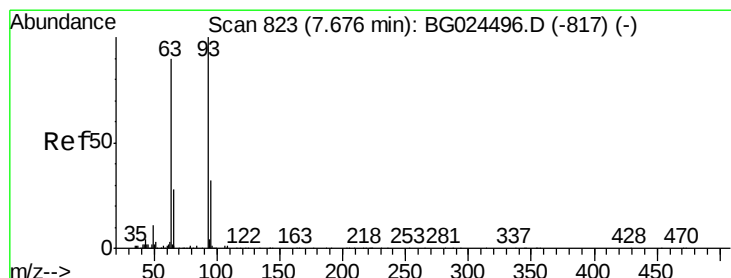
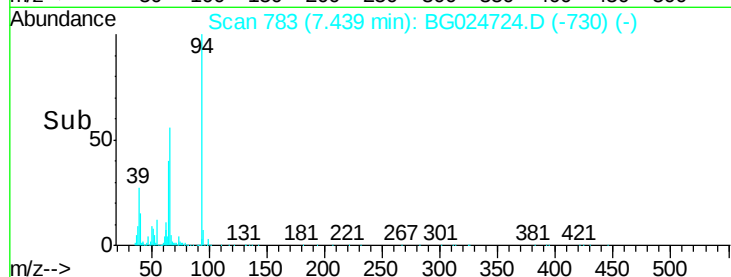
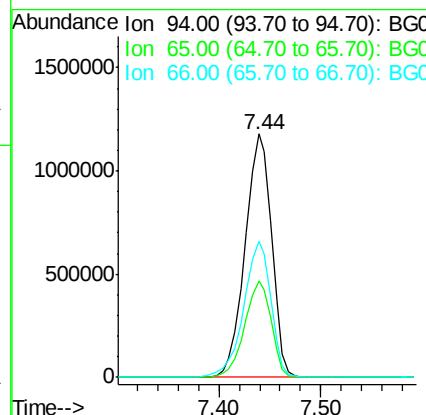
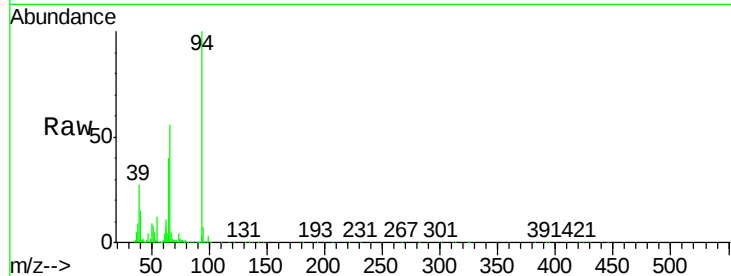
66 55.8 35.5 75.5

Manual Integrations

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#11

bis(2-Chloroethyl)ether

Concen: 141.88 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

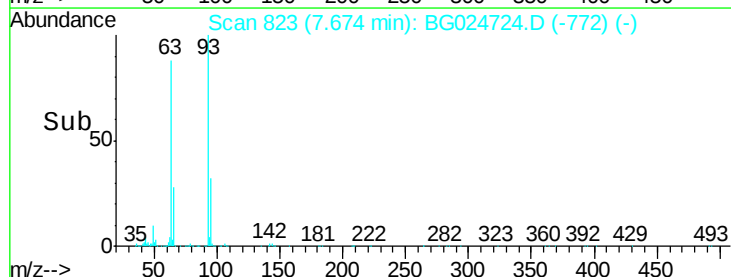
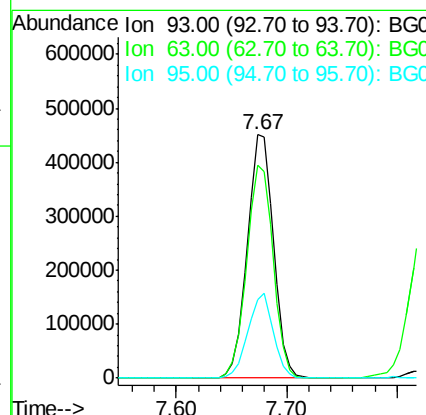
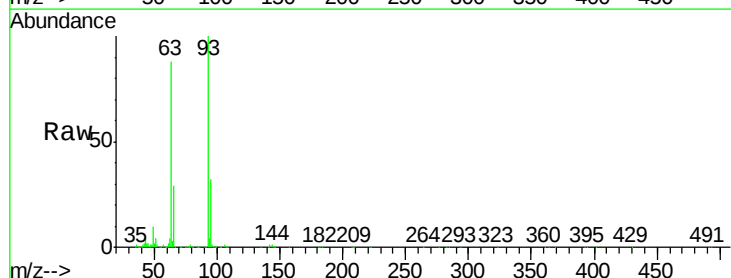
Tgt Ion: 93 Resp: 754045

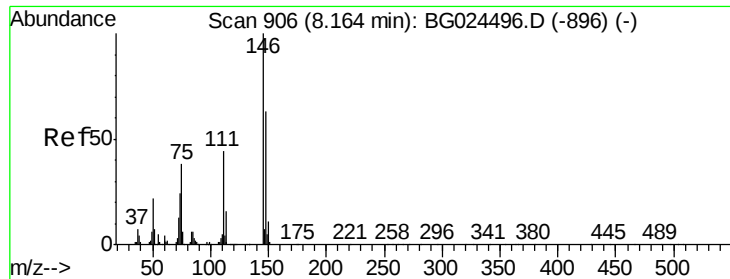
Ion Ratio Lower Upper

93 100

63 87.6 78.5 118.5

95 32.3 9.8 49.8





#12

1,3-Dichlorobenzene

Concen: 167.92 ng

RT: 8.15 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

Tot Ion:146 Resp: 1057426

Ion Ratio Lower Upper

146 100

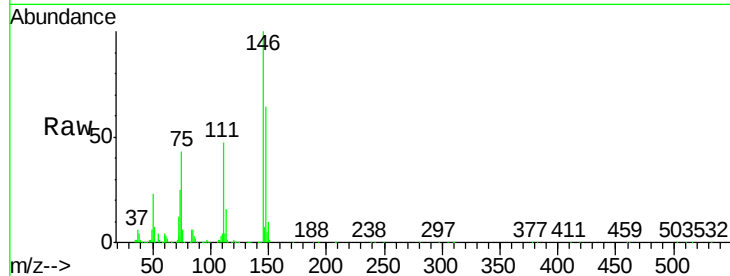
148 63.6 49.2 73.8

75 43.3 33.4 50.2

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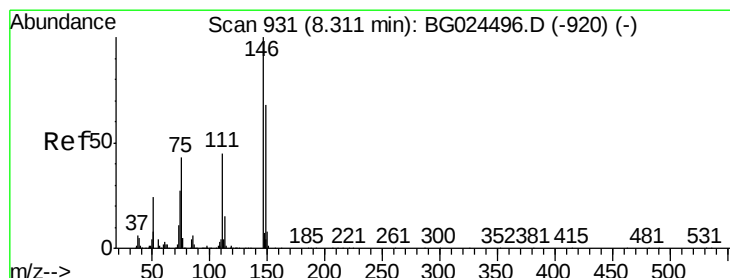
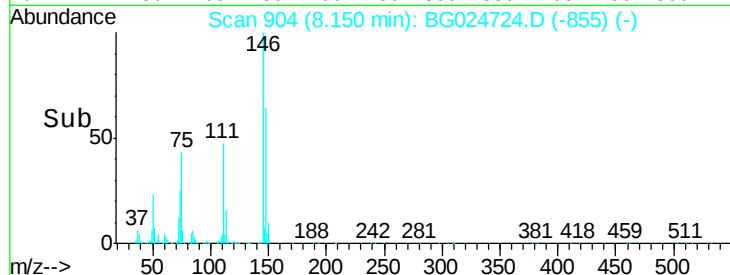
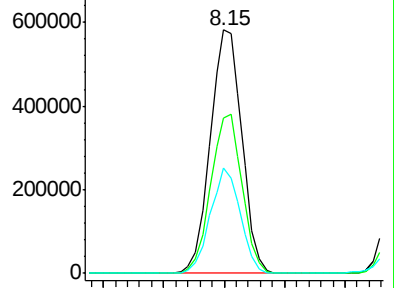
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 116.57 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

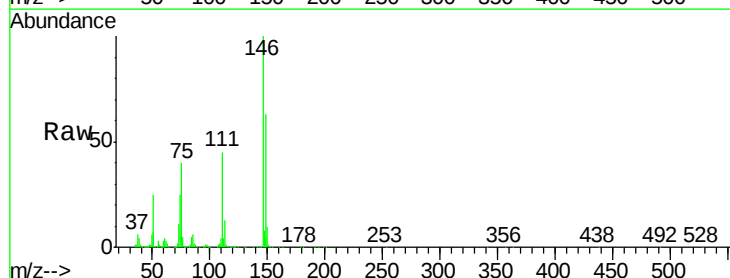
Tgt Ion:146 Resp: 725036

Ion Ratio Lower Upper

146 100

148 63.4 52.2 78.2

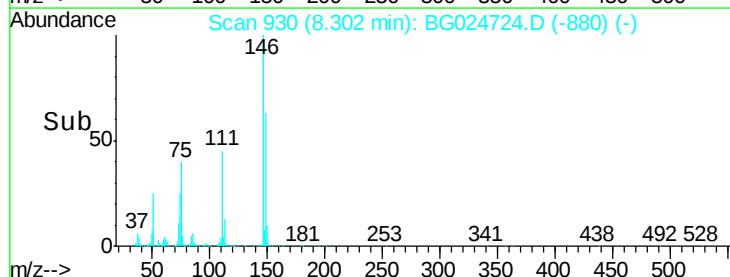
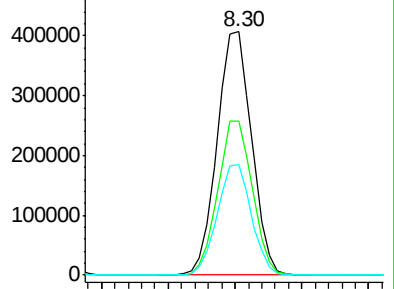
111 45.2 37.0 55.6

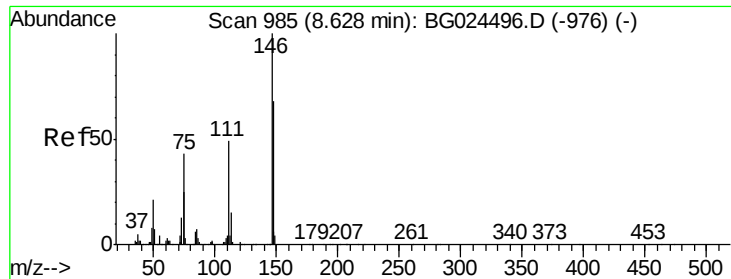


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 125.32 ng

RT: 8.62 min Scan# 984

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

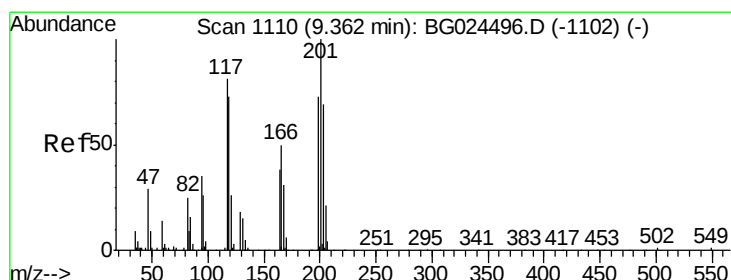
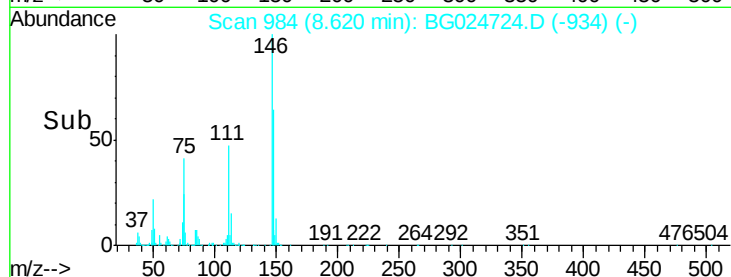
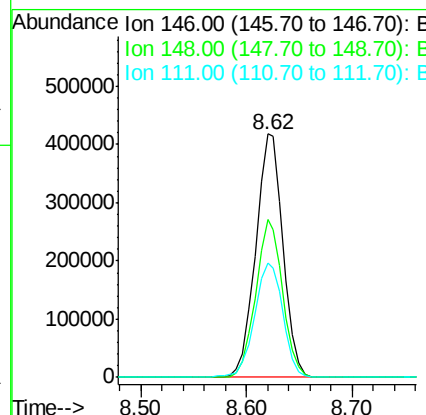
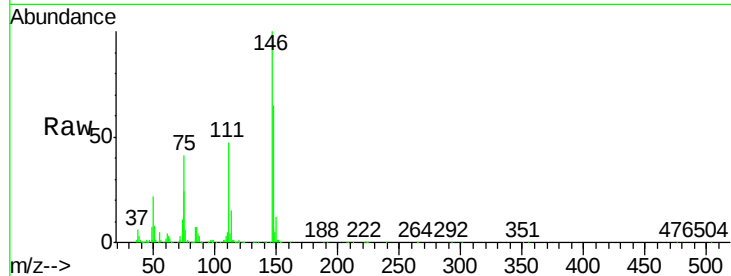
ClientSampleId :

PT-BNA-SOIL

Tot Ion:	146	Resp:	749449
Ion Ratio	Lower	Upper	
146	100		
148	64.7	54.6	81.8
111	46.8	39.7	59.5

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#18

Hexachloroethane

Concen: 54.66 ng

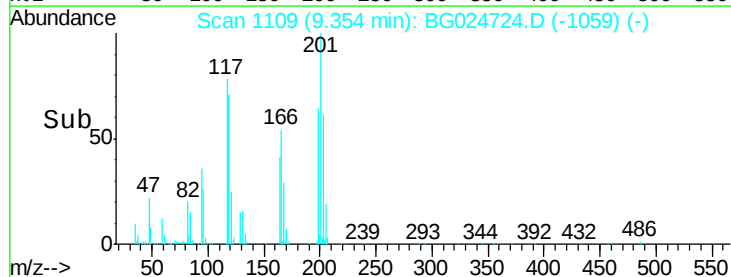
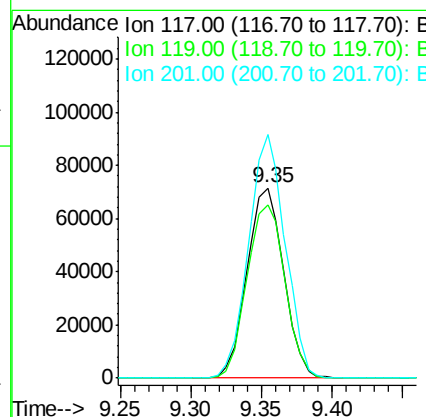
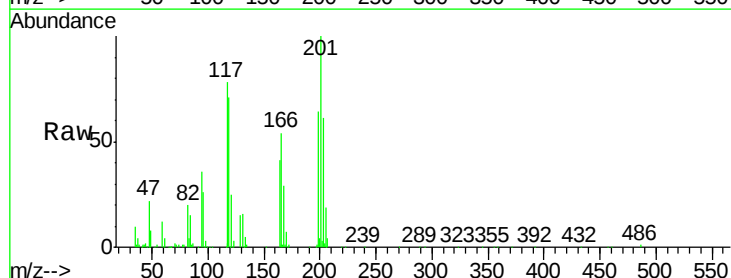
RT: 9.35 min Scan# 1109

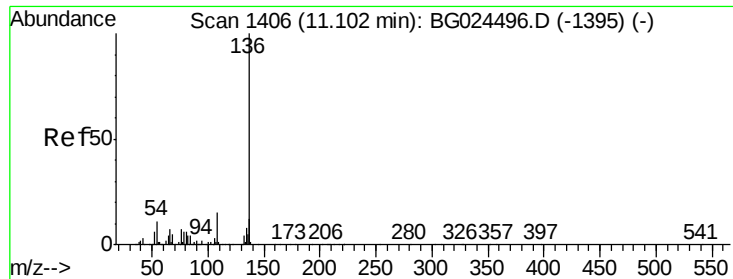
Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Tgt Ion:	117	Resp:	130692
Ion Ratio	Lower	Upper	
117	100		
119	91.0	69.8	104.6
201	128.0	95.4	143.0





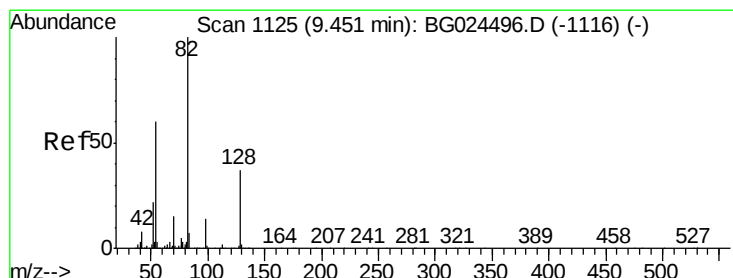
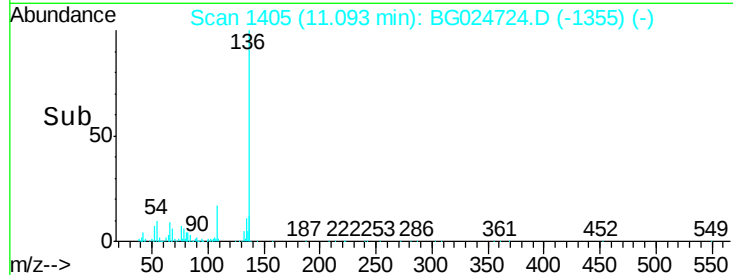
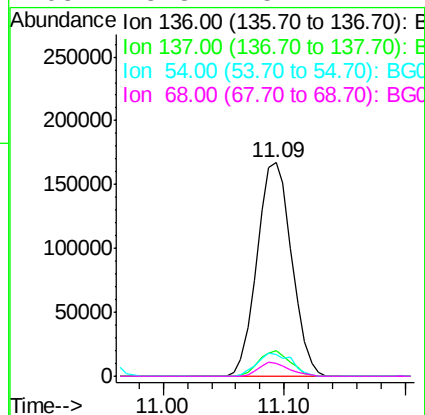
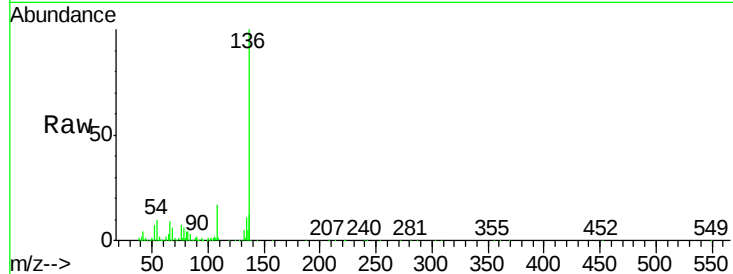
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampled :
PT-BNA-SOIL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	12.0		8.9	13.3	
54	10.4		9.3	13.9	
68	5.8		5.1	7.7	

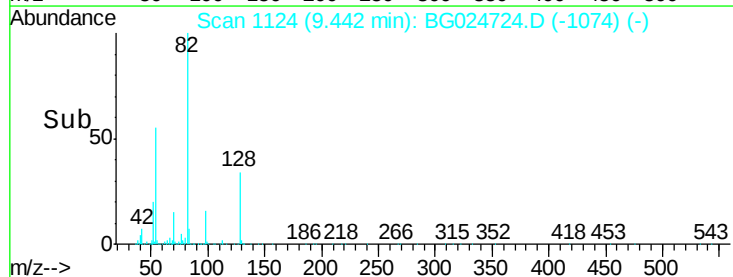
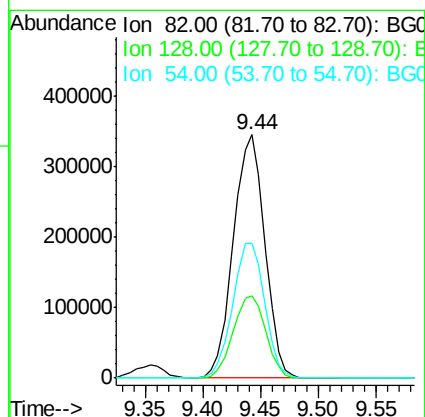
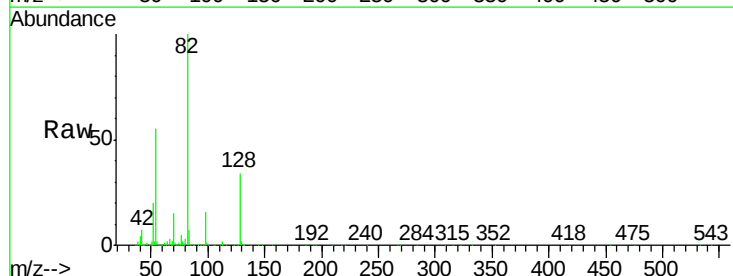
Manual Integrations
APPROVED

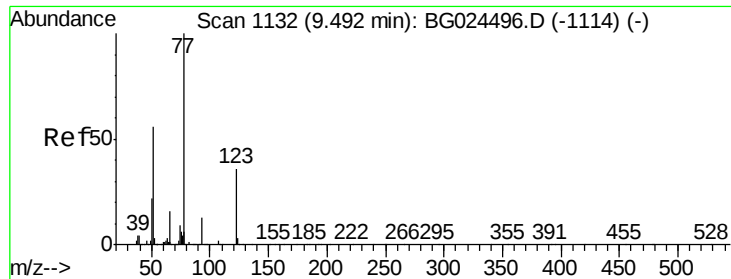
sohil
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#23
Nitrobenzene-d5
Concen: 89.52 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	33.8		26.4	39.6	
54	55.4		49.4	74.2	





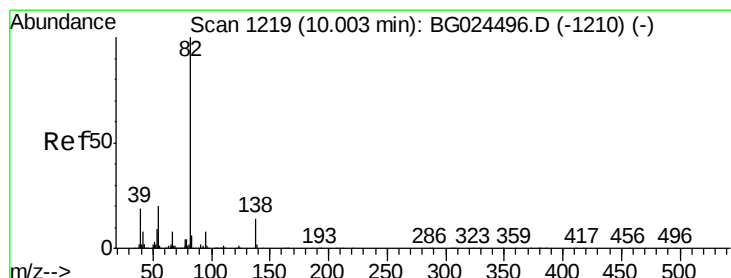
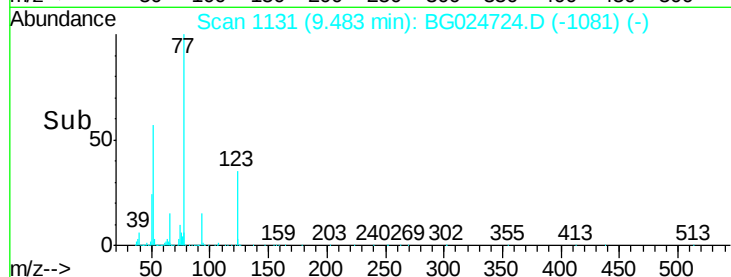
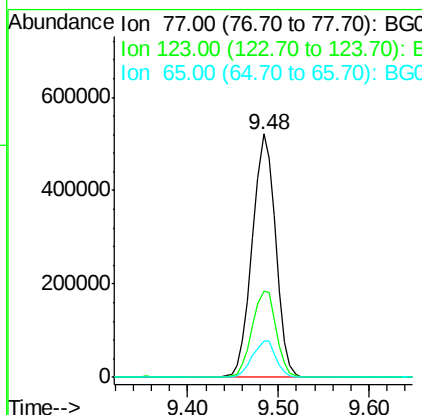
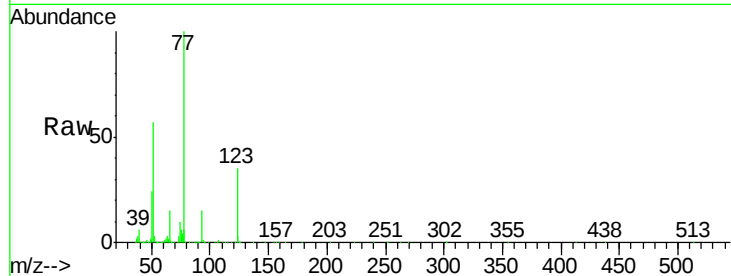
#24
Nitrobenzene
Concen: 114.93 ng
RT: 9.48 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
77	100		
123	35.2	26.1	39.1
65	15.1	12.4	18.6

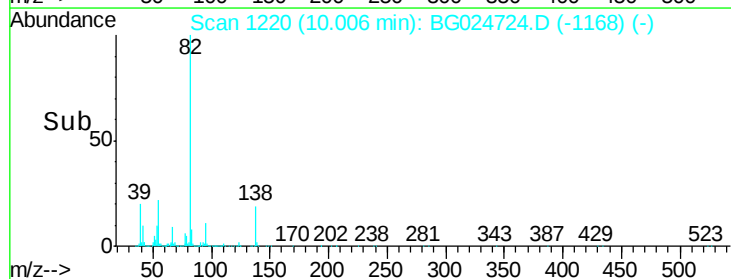
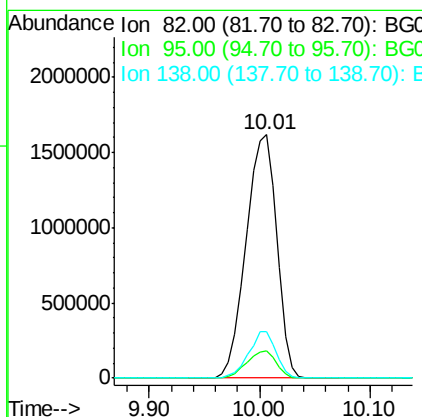
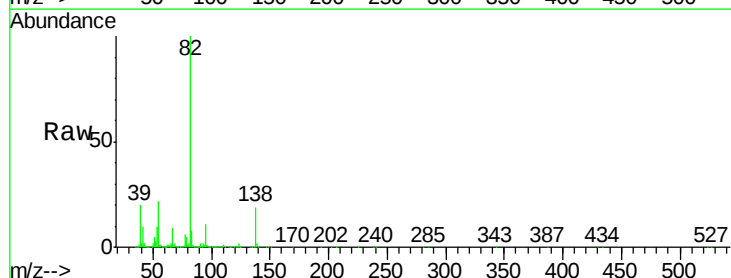
Manual Integrations
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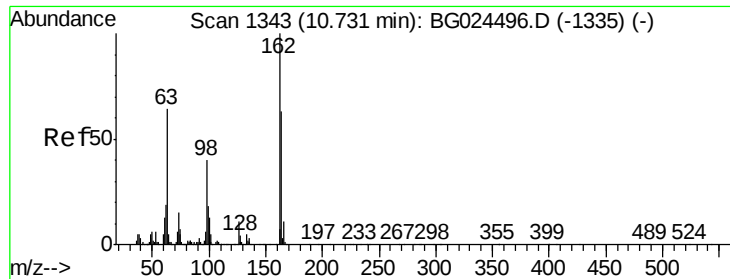
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#25
Isophorone
Concen: 234.19 ng
RT: 10.01 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
82	100		
95	11.2	7.5	11.3
138	18.9	12.3	18.5





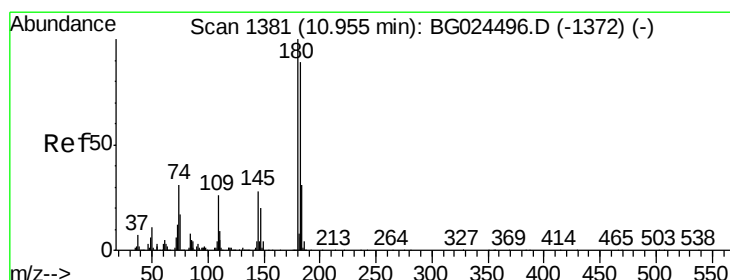
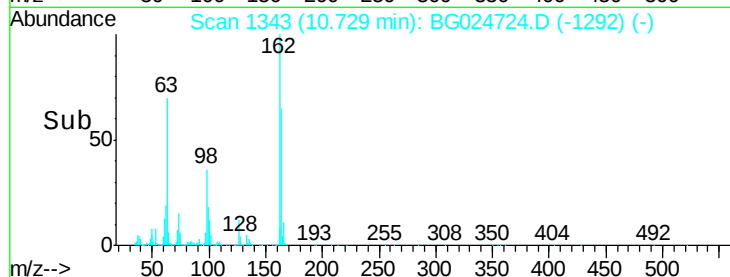
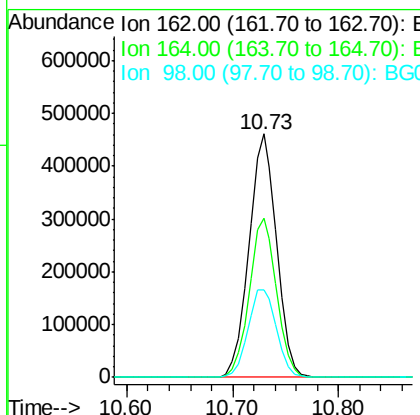
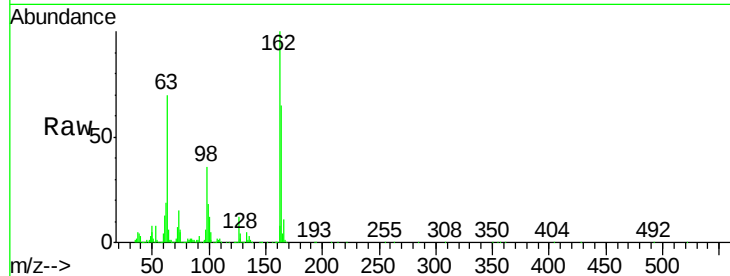
#29
2,4-Dichlorophenol
Concen: 151.04 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.4	82.4
98	35.9	20.3	60.3

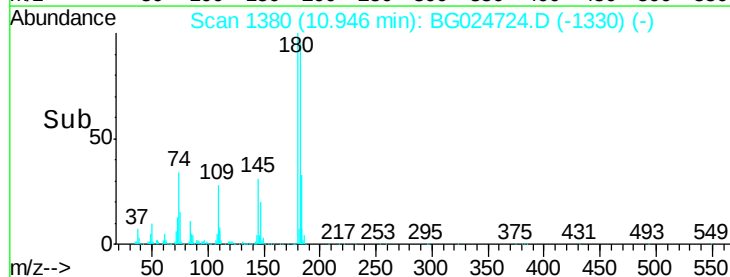
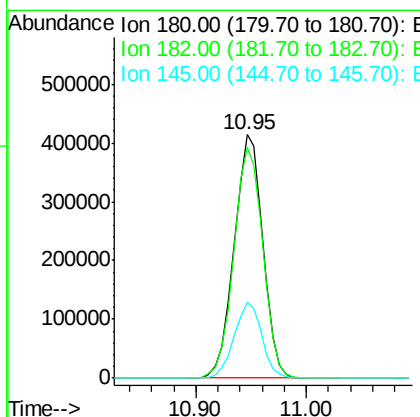
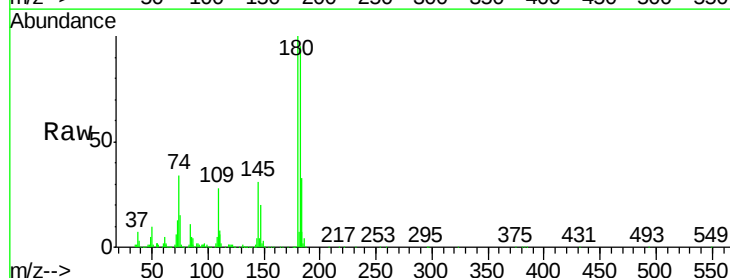
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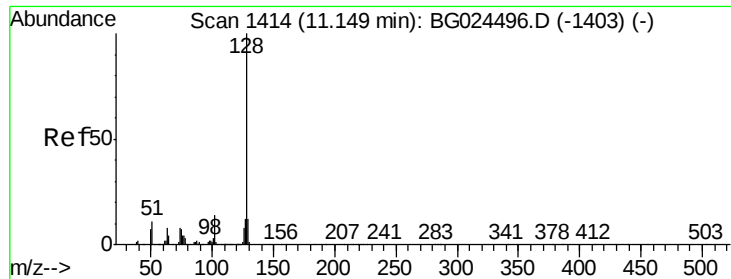
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#30
1,2,4-Trichlorobenzene
Concen: 114.87 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.0	115.4
145	31.1	23.4	35.0





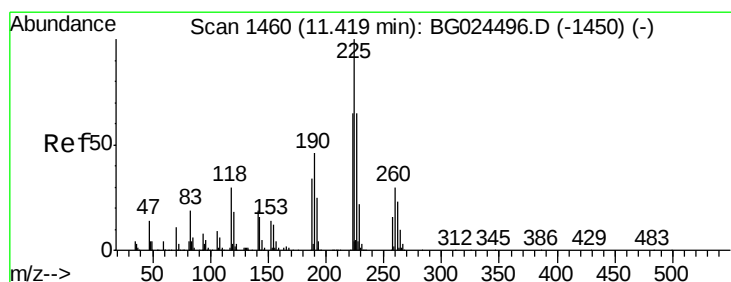
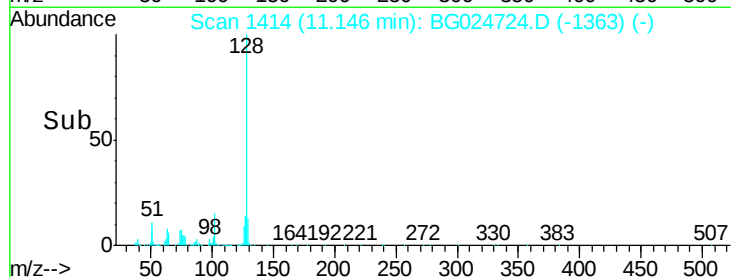
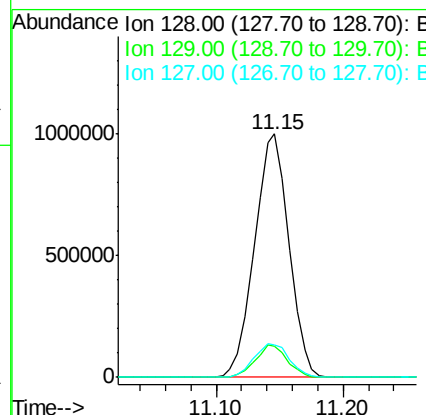
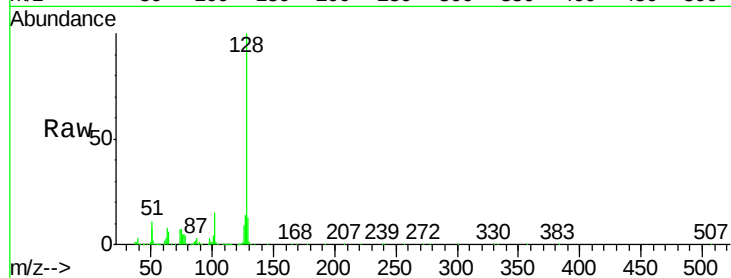
#31
Naphthalene
Concen: 113.62 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.3	13.9
127	13.5	11.4	17.0

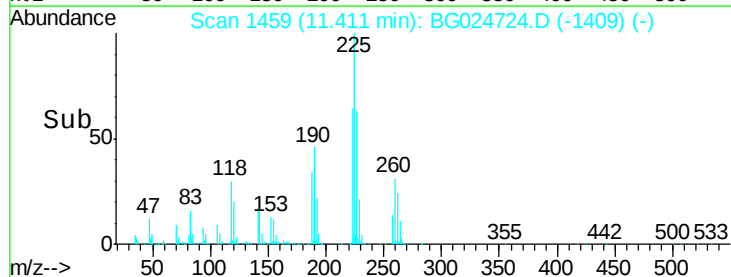
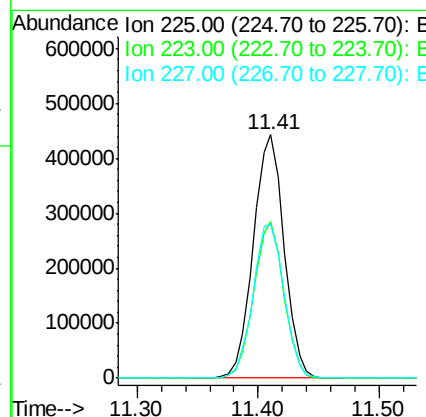
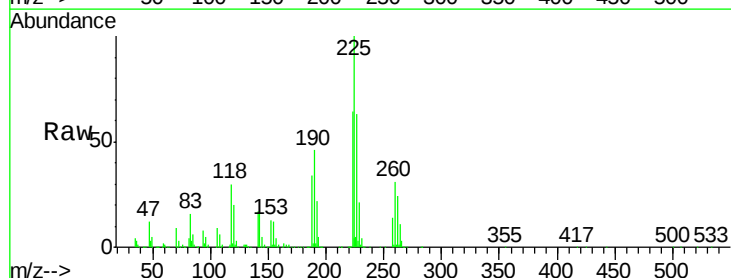
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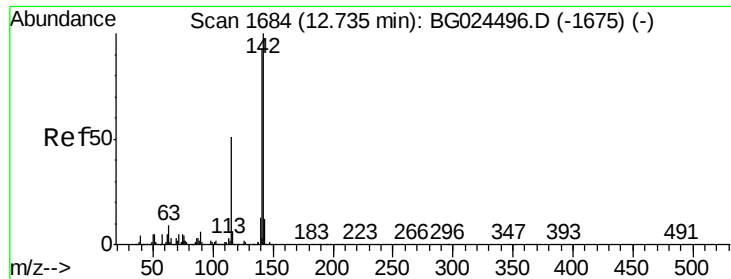
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#34
Hexachlorobutadiene
Concen: 152.89 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.7	76.1
227	63.4	49.0	73.6





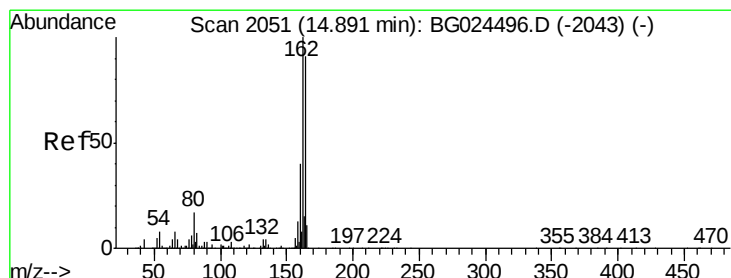
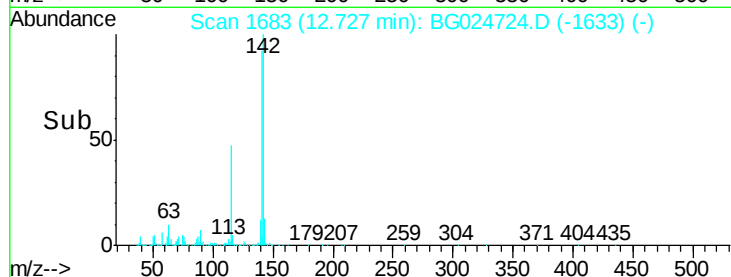
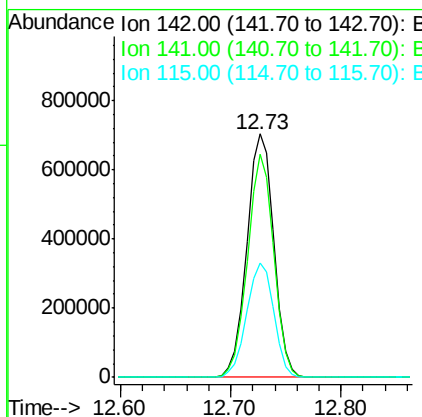
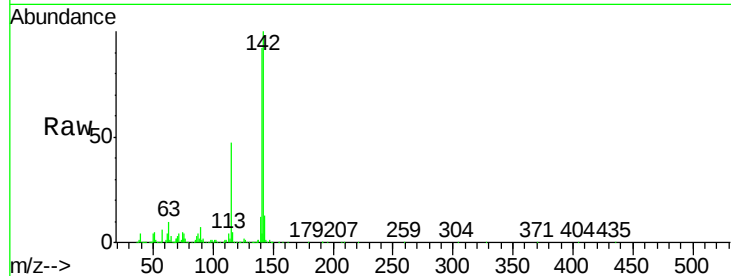
#37
2-Methylnaphthalene
Concen: 99.64 ng
RT: 12.73 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	70.4	105.6
115	47.0	35.5	53.3

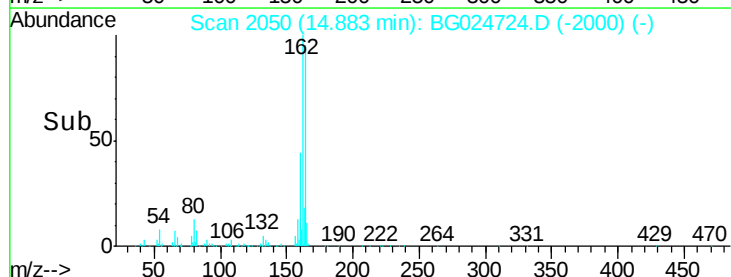
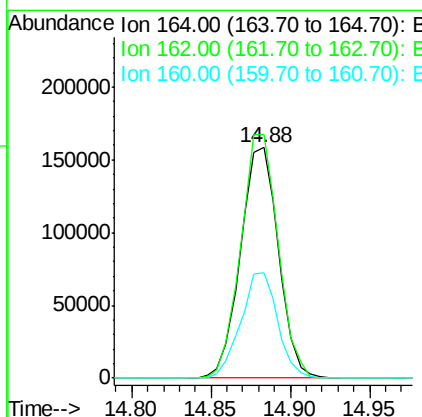
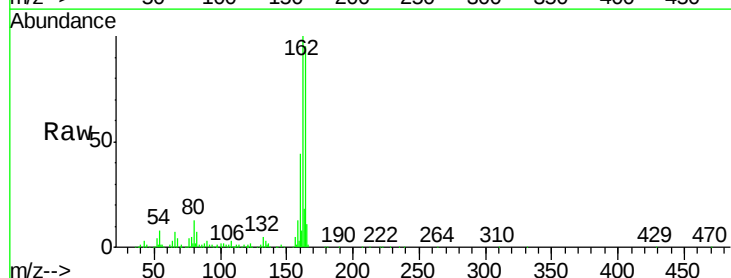
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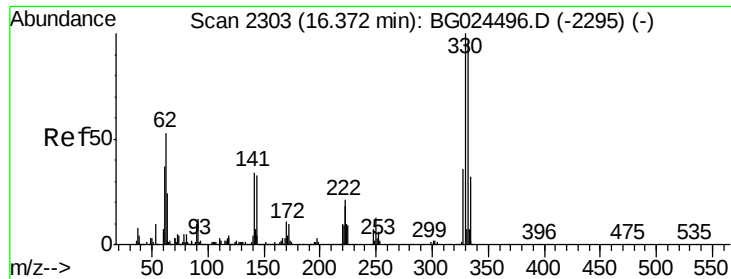
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	85.1	127.7
160	45.8	34.7	52.1





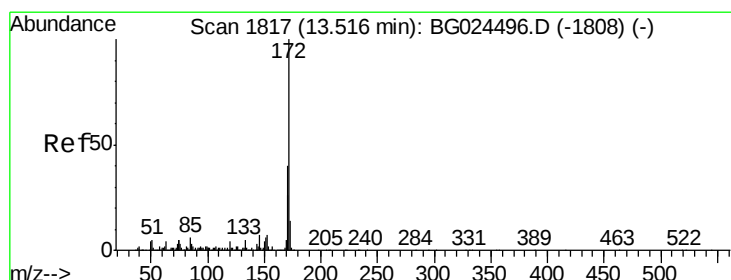
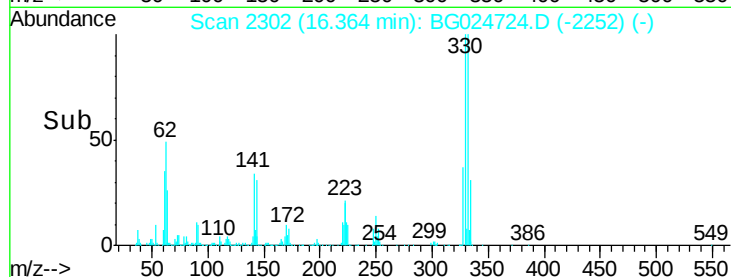
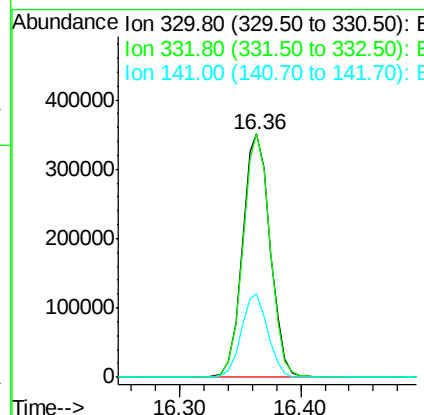
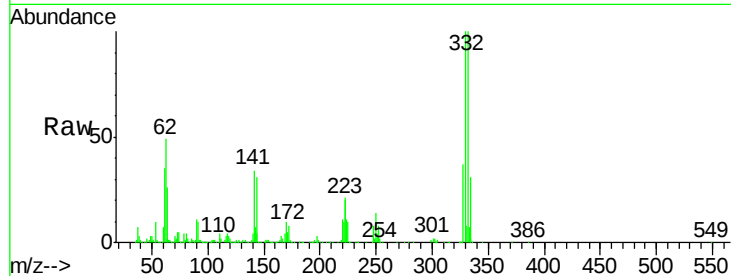
#41
2,4,6-Tribromophenol
Concen: 141.42 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	33.2	32.1	48.1

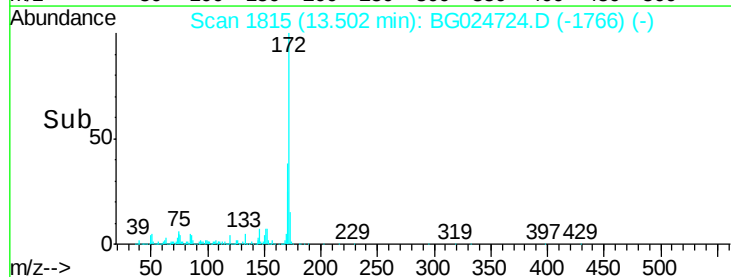
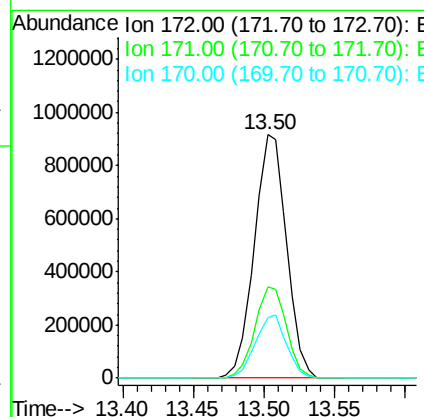
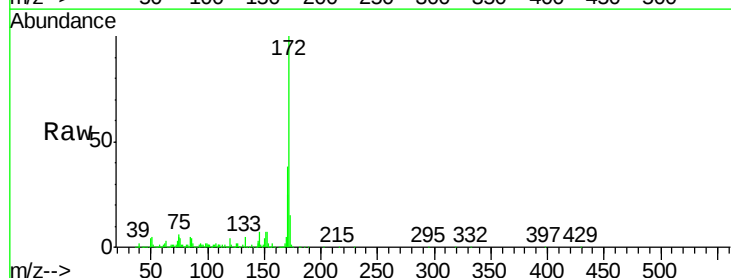
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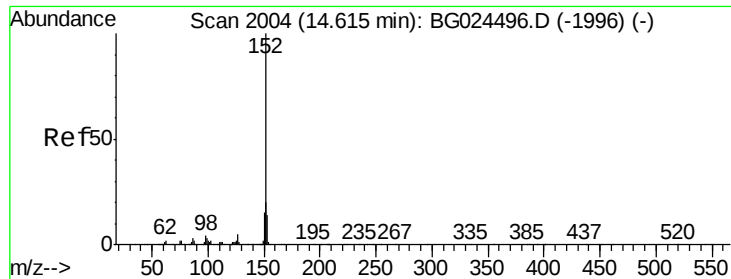
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#44
2-Fluorobiphenyl
Concen: 92.43 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	24.7	21.8	32.6





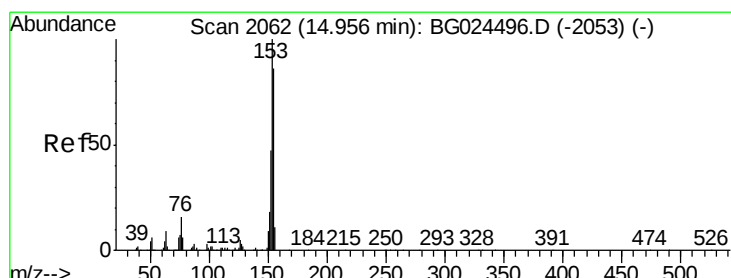
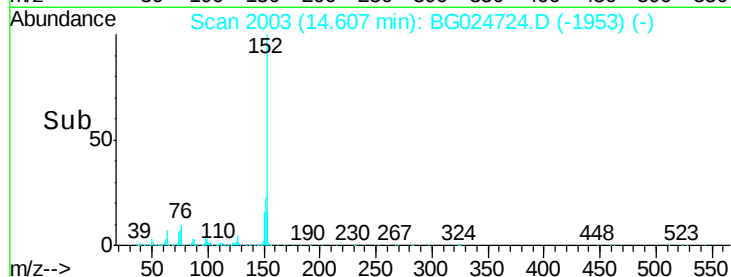
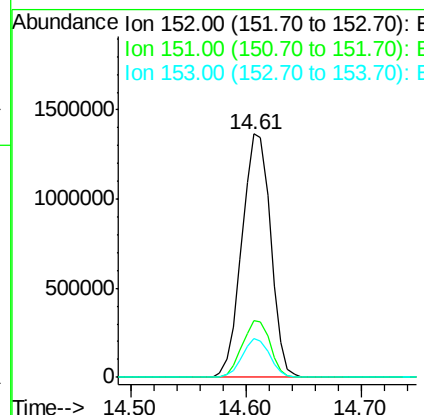
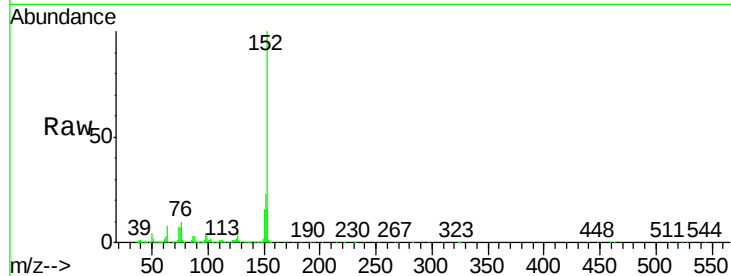
#48
Acenaphthylene
Concen: 110.26 ng
RT: 14.61 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.2	18.2	27.2
153	15.9	11.3	16.9

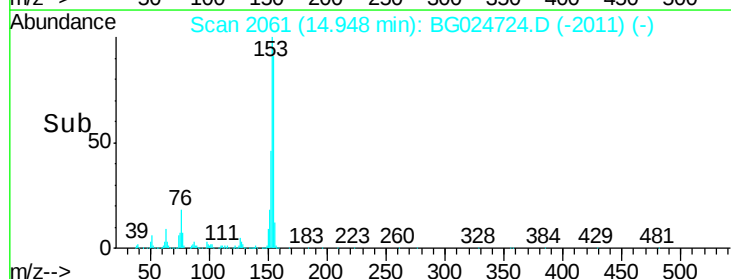
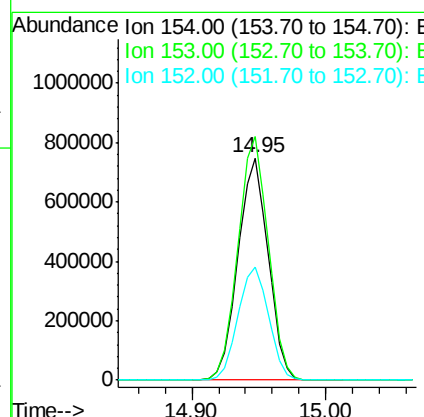
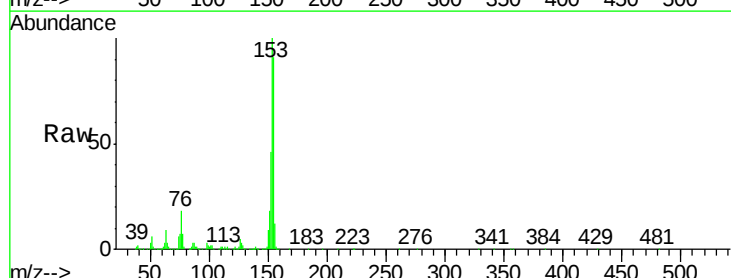
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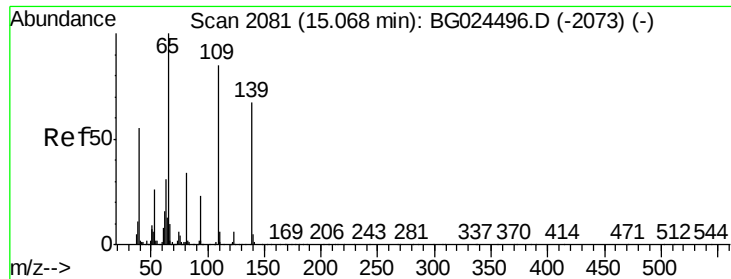
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#51
Acenaphthene
Concen: 73.72 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.6	87.8	131.6
152	50.9	42.2	63.4





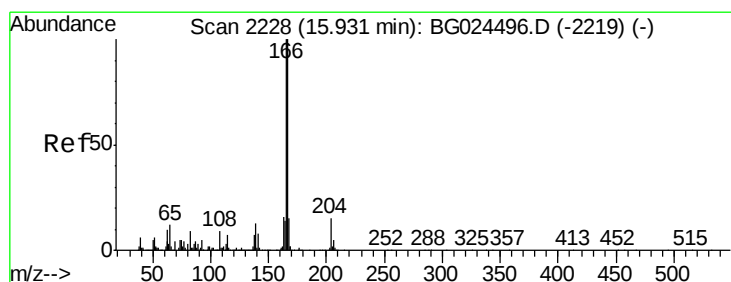
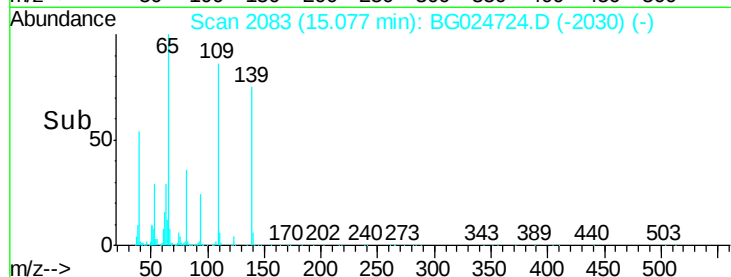
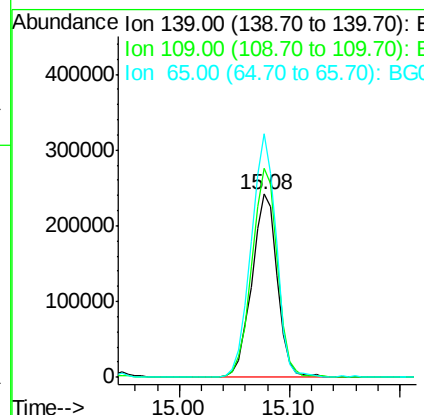
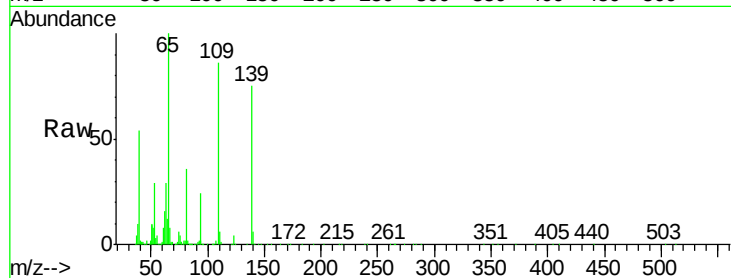
#55
4-Nitrophenol
Concen: 108.86 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
139	100		
109	113.9	101.2	141.2
65	132.8	135.3	175.3#

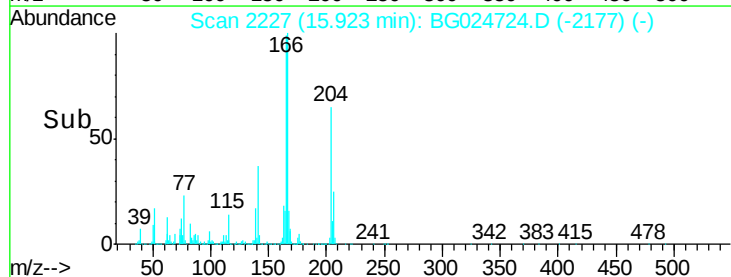
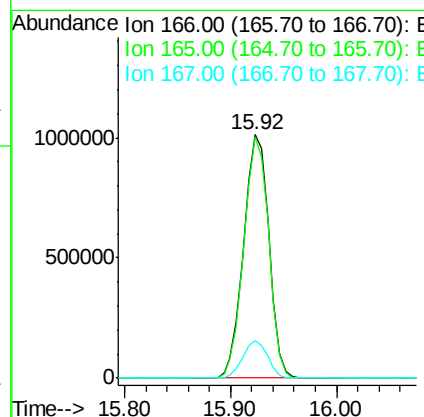
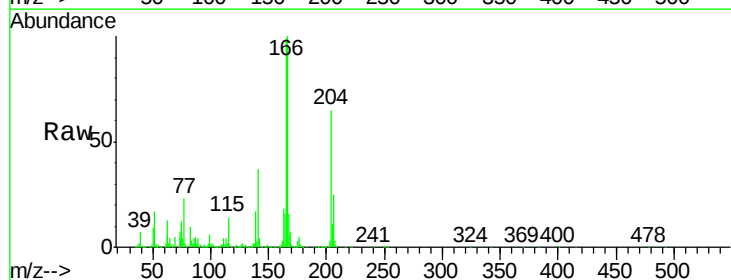
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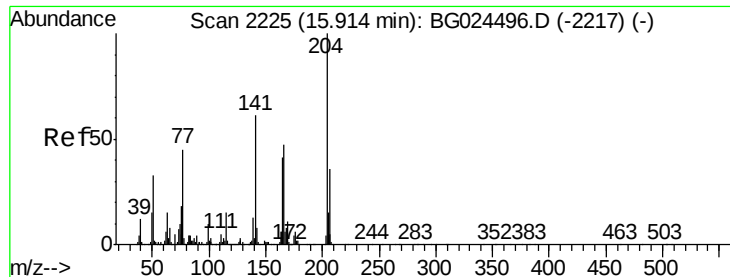
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#57
Fluorene
Concen: 91.44 ng
RT: 15.92 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	117.8
167	15.6	11.6	17.4





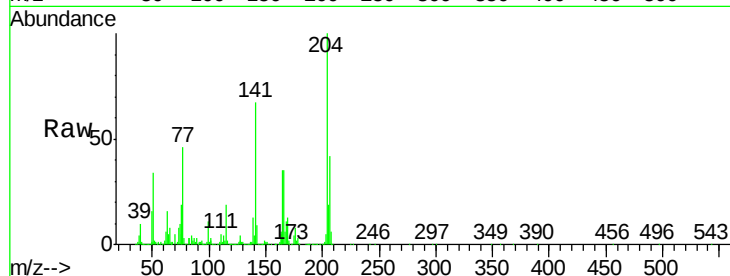
#60
4-Chlorophenyl-phenylether
Concen: 214.80 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

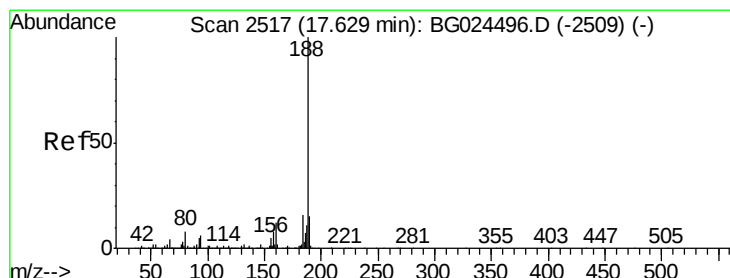
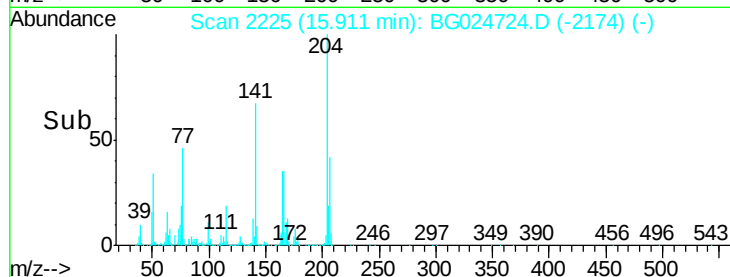
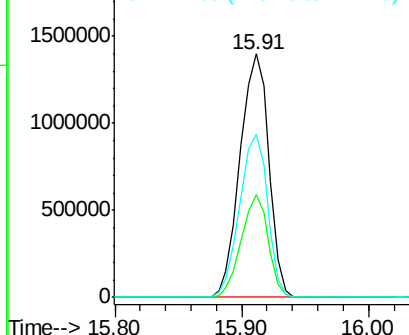
Tot Ion	Ratio	Lower	Upper
204	100		
206	42.5	30.1	45.1
141	66.9	50.6	76.0

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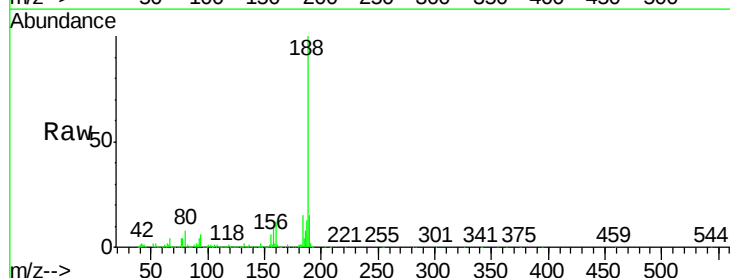


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

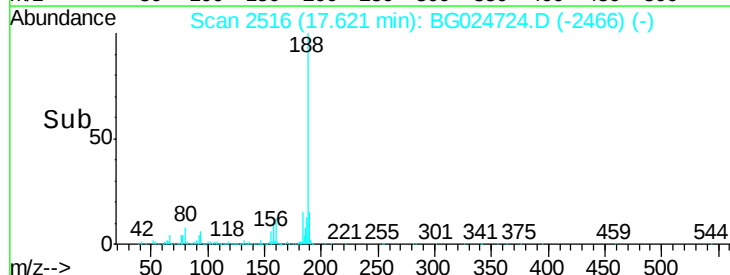
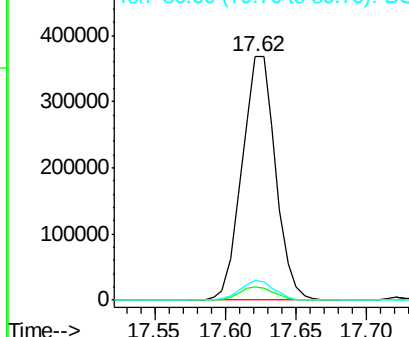


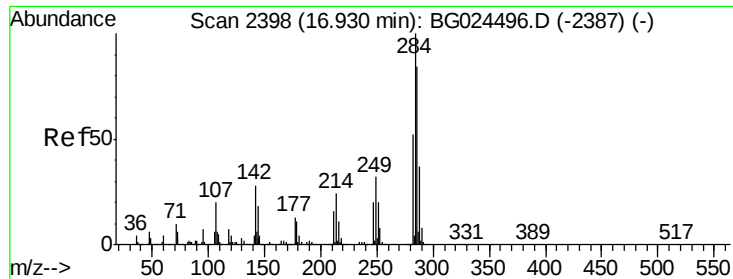
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.8	8.8#
80	7.9	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG





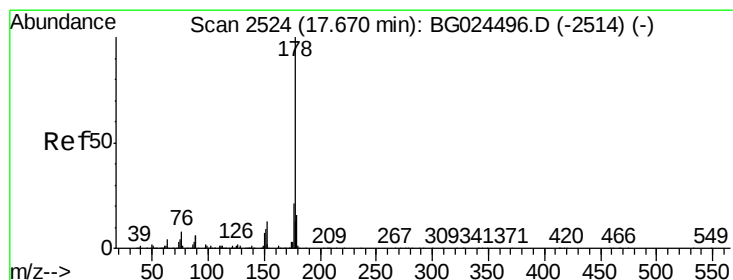
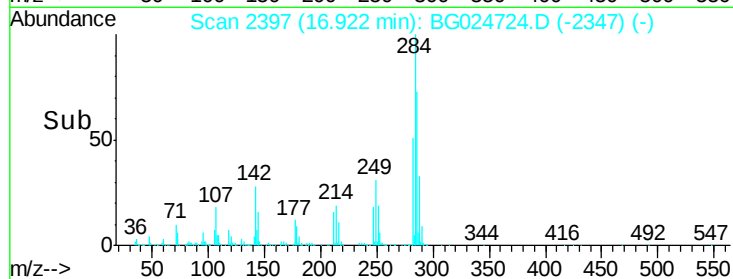
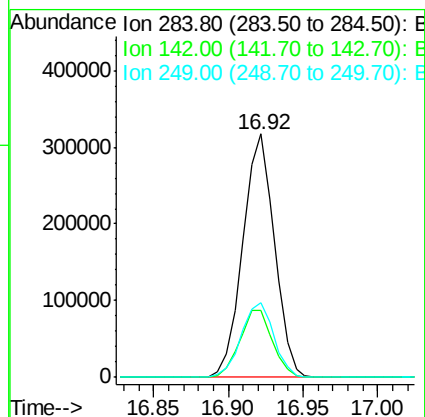
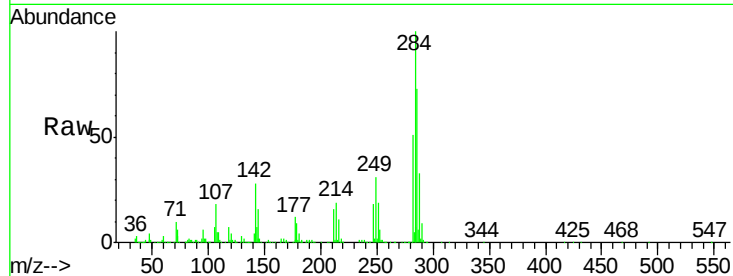
#67
Hexachlorobenzene
Concen: 56.56 ng
RT: 16.92 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.5	29.9	44.9#
249	30.6	29.2	43.8

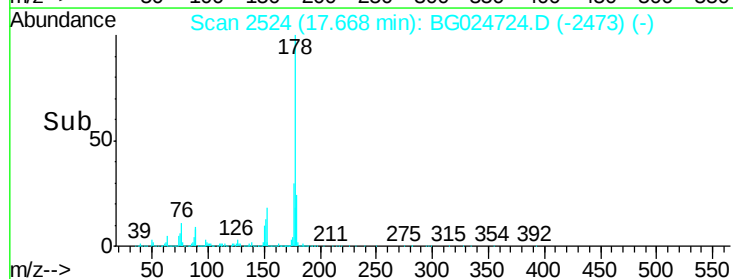
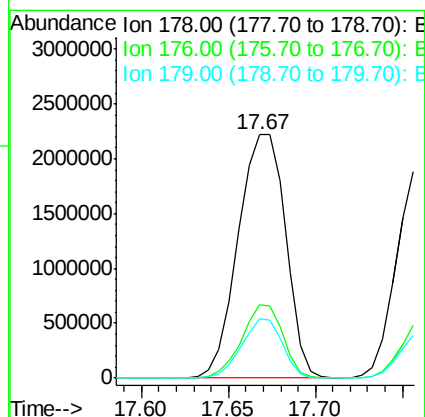
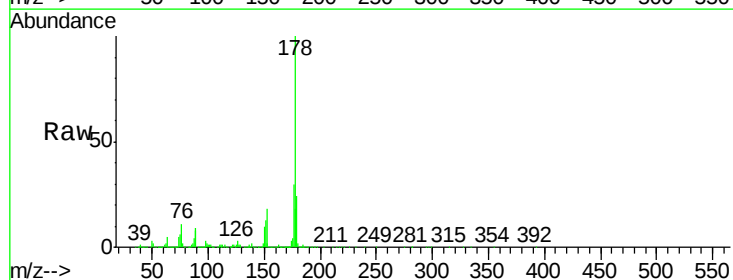
Manual Integrations
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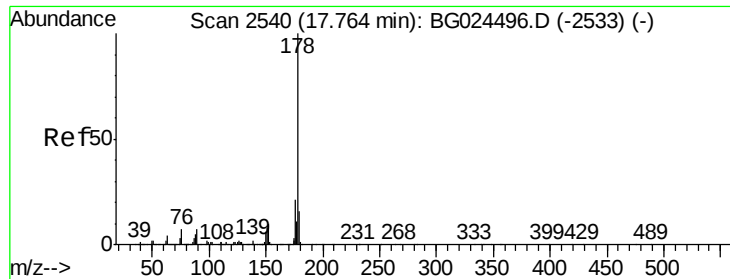
sohil
11/8/2016 4:29:23 PM



#70
Phenanthrene
Concen: 134.62 ng m
RT: 17.67 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	30.2	17.7	26.5#
179	24.2	15.0	22.6#





#71

Anthracene

Concen: 110.01 ng

RT: 17.76 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampleId :

PT-BNA-SOIL

Tot Ion:178 Resp: 3465269

Ion Ratio Lower Upper

178 100

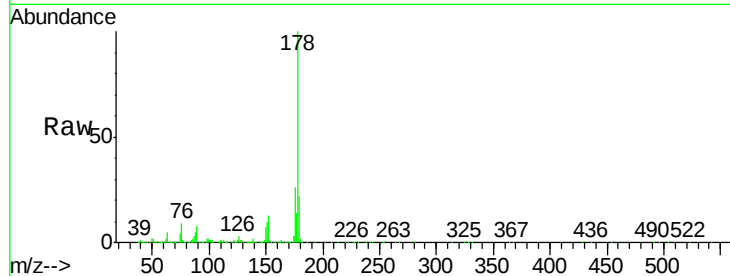
176 26.0 16.4 24.6#

179 21.9 13.8 20.8#

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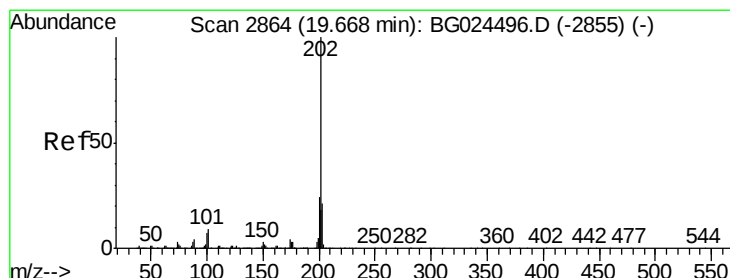
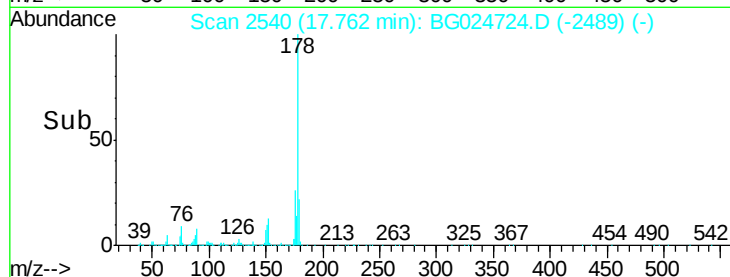
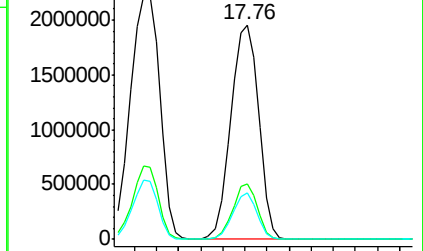
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 105.46 ng

RT: 19.67 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

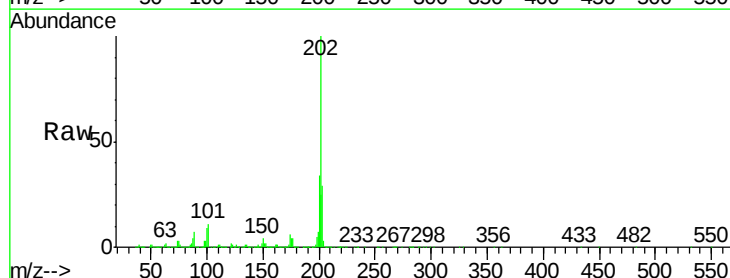
Tgt Ion:202 Resp: 4162276

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.1

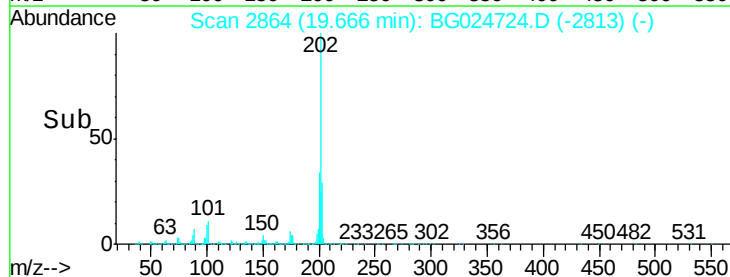
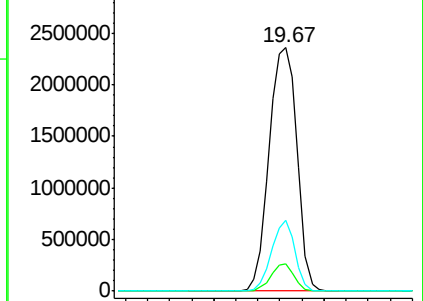
203 29.3 1.3 41.3

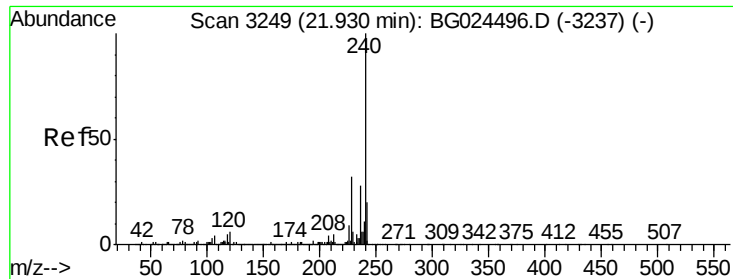


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

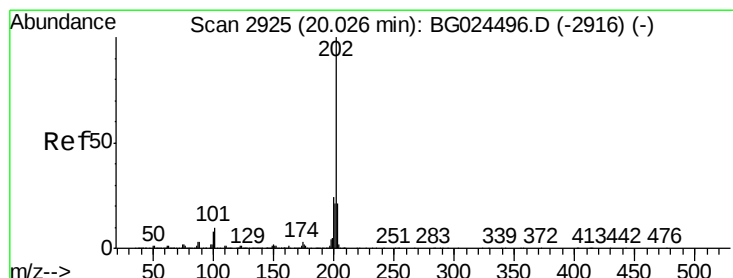
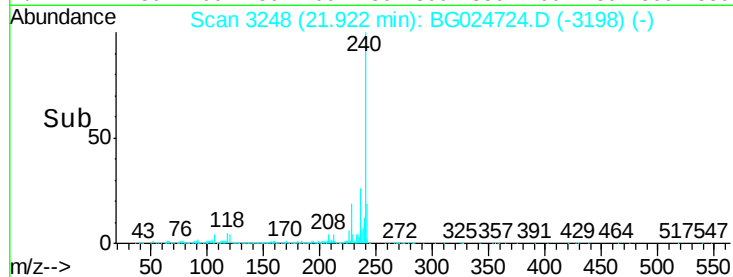
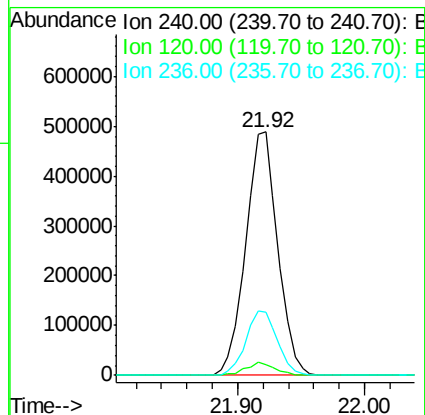
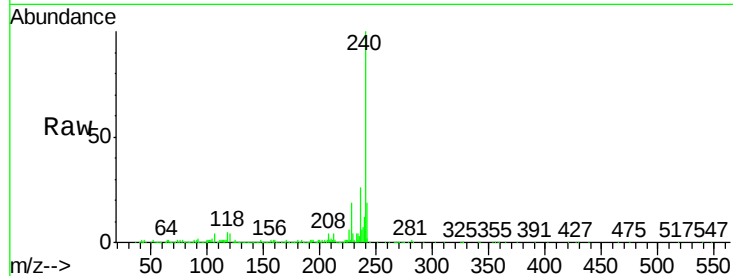
ClientSampleId :

PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.4	5.7	8.5#
236	26.1	22.2	33.4

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#77

Pyrene

Concen: 80.12 ng

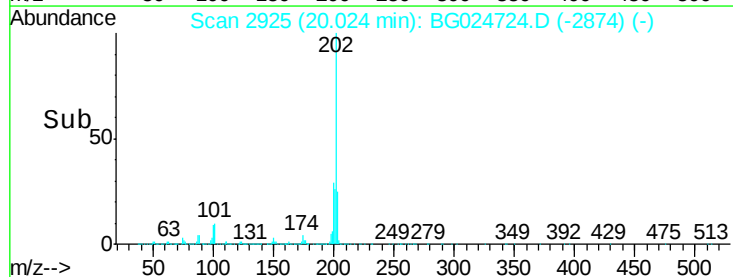
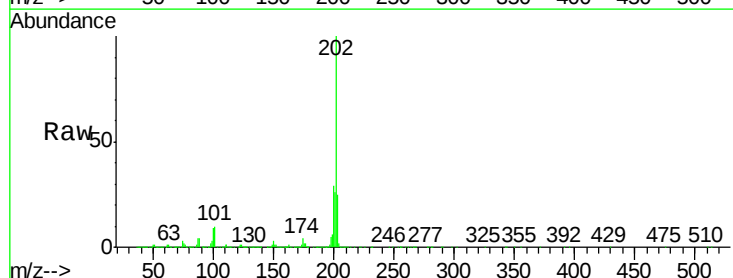
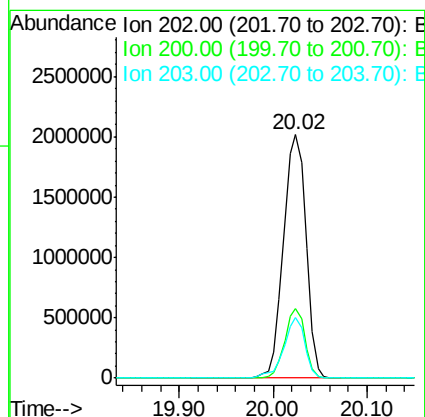
RT: 20.02 min Scan# 2925

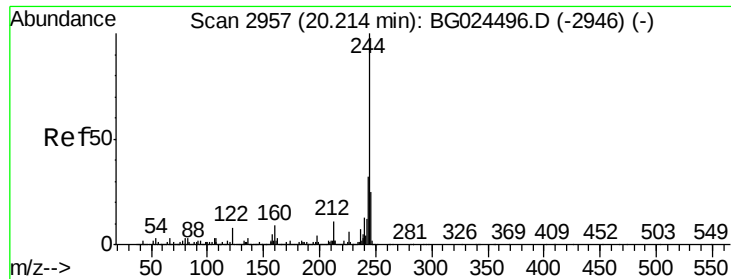
Delta R.T. -0.00 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	28.8	19.6	29.4
203	24.8	15.8	23.8#





#78

Terphenyl-d14

Concen: 92.34 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

Instrument :

BNA_G

ClientSampled :

PT-BNA-SOIL

Tot Ion:244 Resp: 2649071

Ion Ratio Lower Upper

244 100

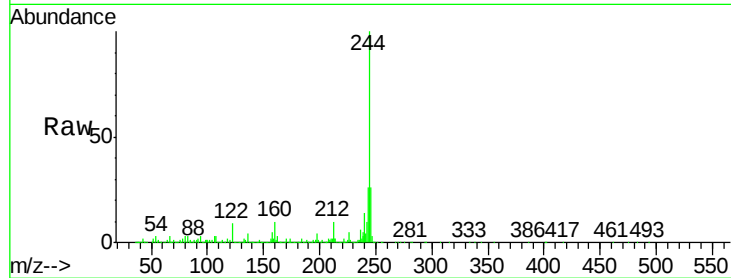
212 10.3 10.0 15.0

122 8.8 8.6 12.8

Manual Integrations
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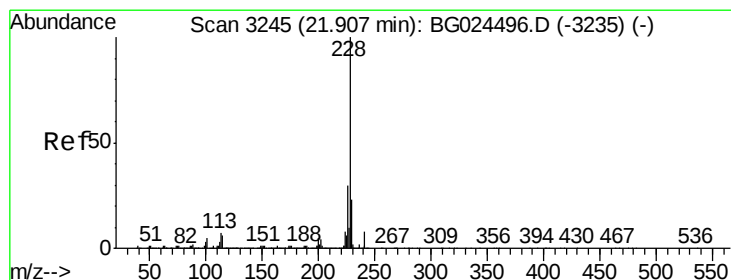
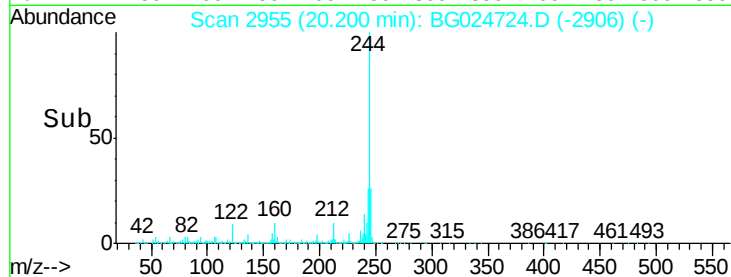
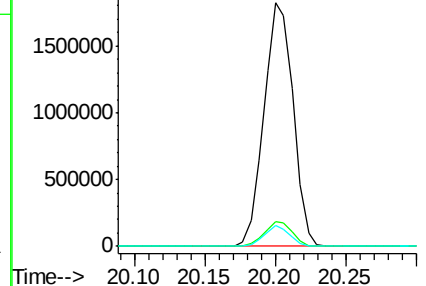
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 33.95 ng

RT: 21.90 min Scan# 3244

Delta R.T. -0.01 min

Lab File: BG024724.D

Acq: 7 Nov 2016 11:24

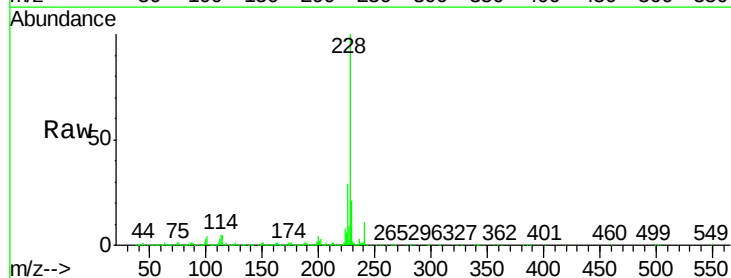
Tgt Ion:228 Resp: 1598583

Ion Ratio Lower Upper

228 100

226 28.9 24.9 37.3

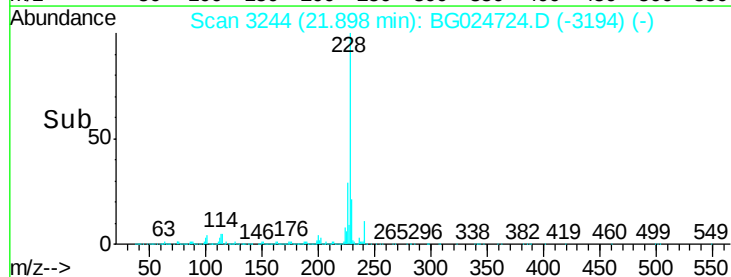
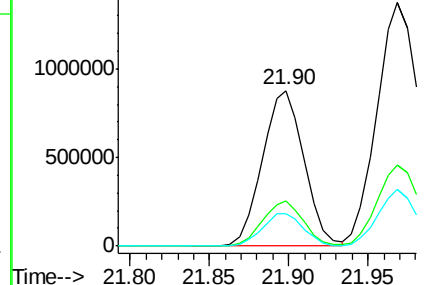
229 20.8 18.2 27.2

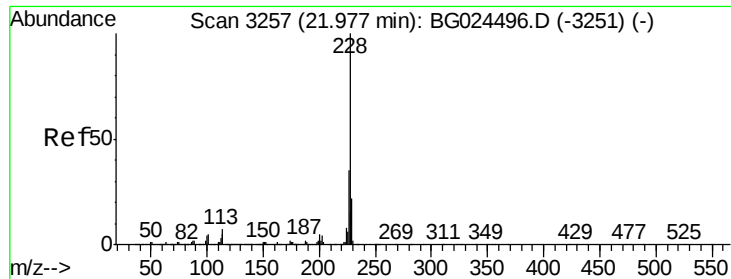


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





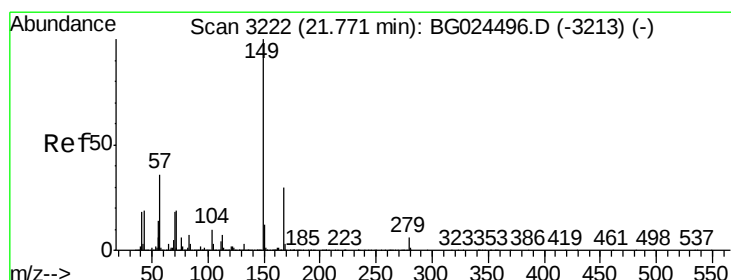
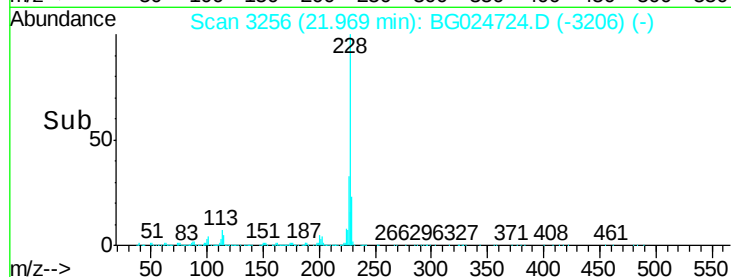
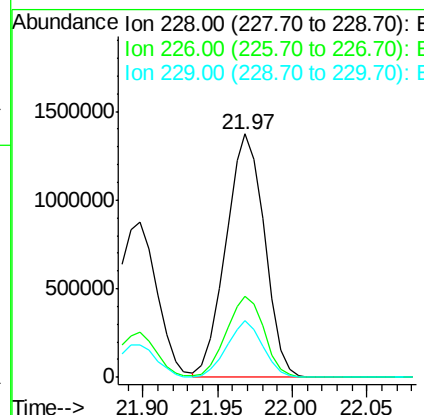
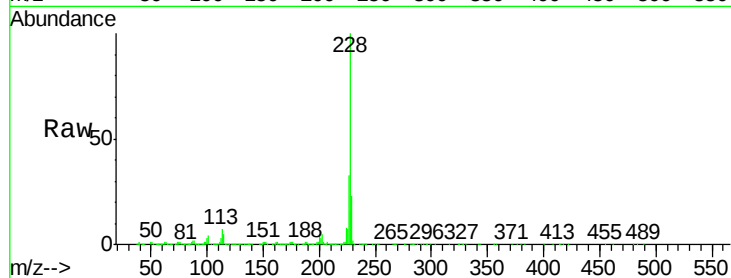
#82
Chrysene
Concen: 55.20 ng
RT: 21.97 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	27.0	40.4
229	23.1	17.8	26.6

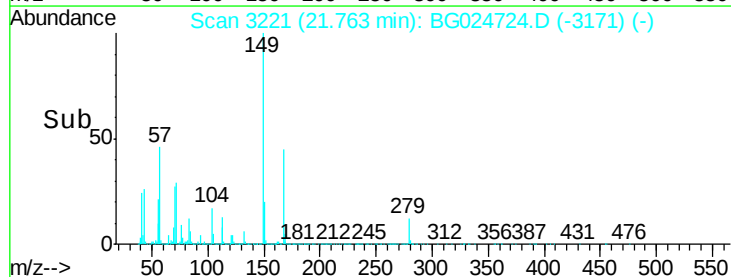
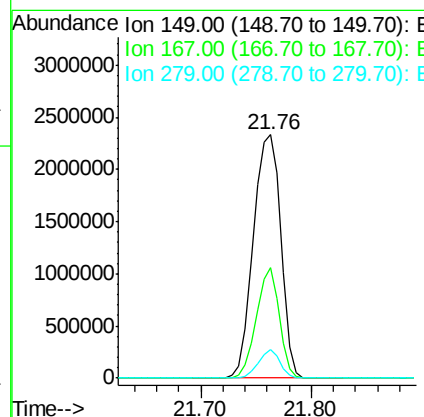
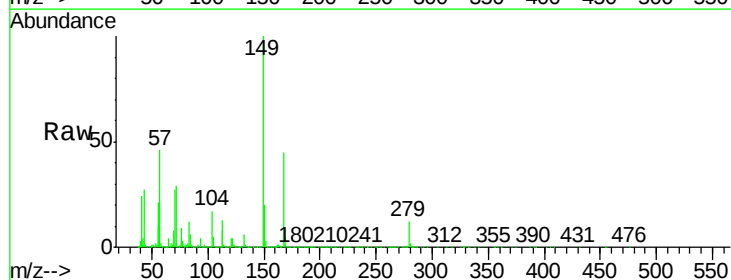
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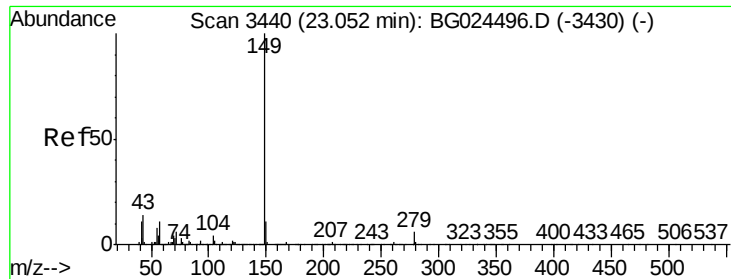
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#83
Bis(2-ethylhexyl)phthalate
Concen: 162.60 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	45.1	23.7	35.5#
279	11.8	4.6	6.8#





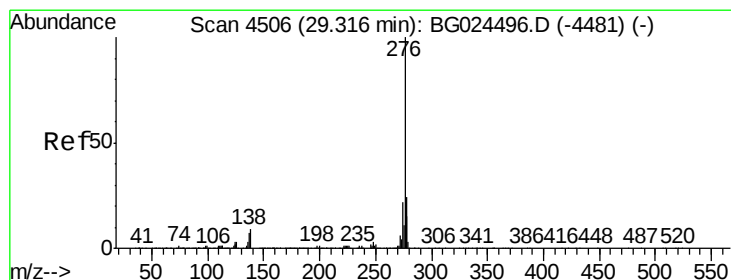
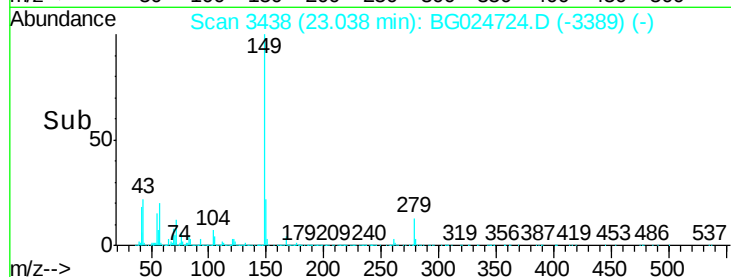
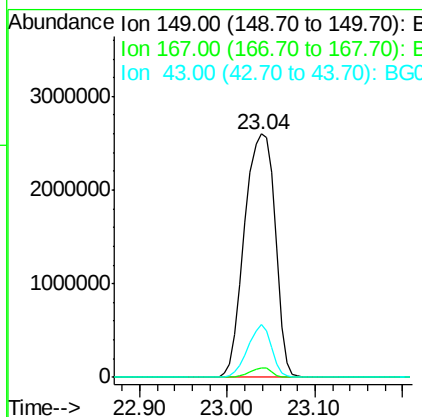
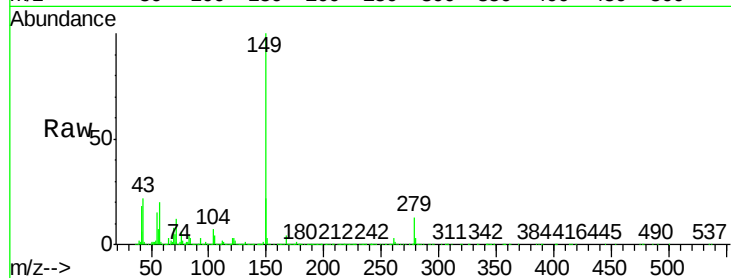
#84
Di-n-octyl phthalate
Concen: 148.51 ng
RT: 23.04 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
149	100		
167	2.8	1.4	2.2#
43	16.8	11.8	17.6

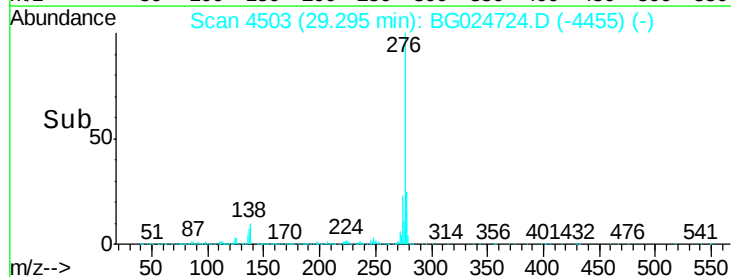
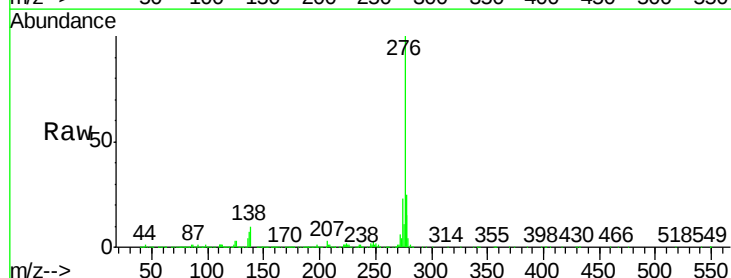
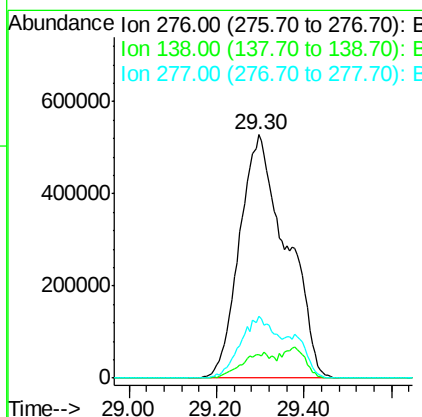
Manual Integrations
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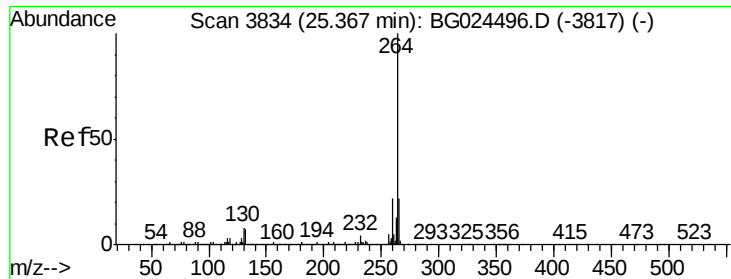
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#85
Indeno(1,2,3-cd)pyrene
Concen: 62.24 ng
RT: 29.30 min Scan# 4503
Delta R.T. -0.02 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.0	4.7	7.1
277	18.9	20.6	31.0#





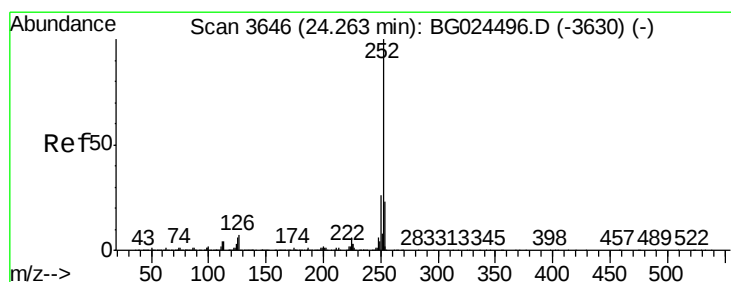
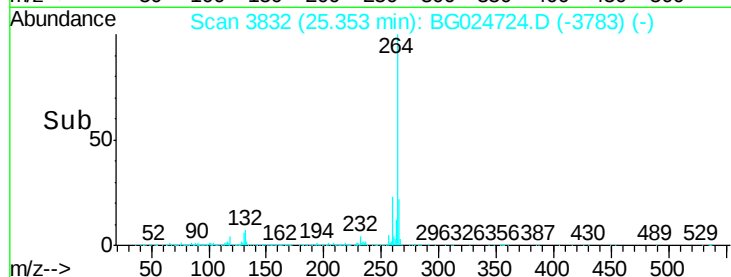
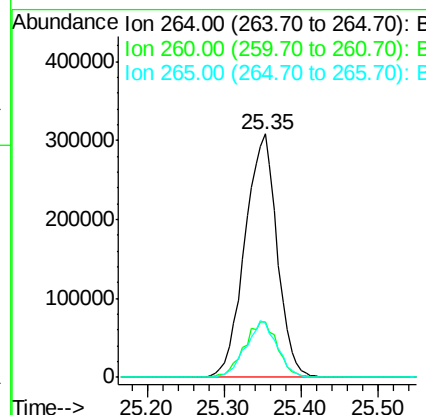
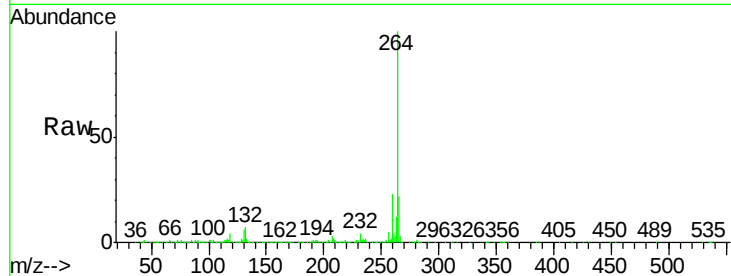
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	22.2	18.2	27.4

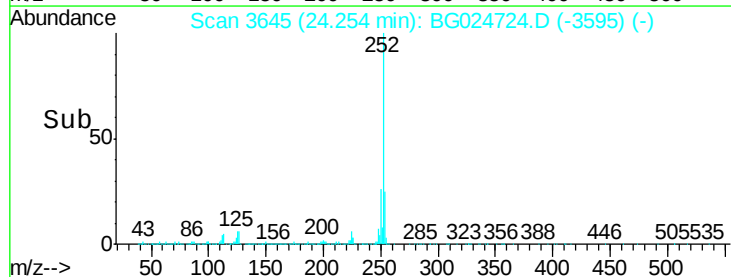
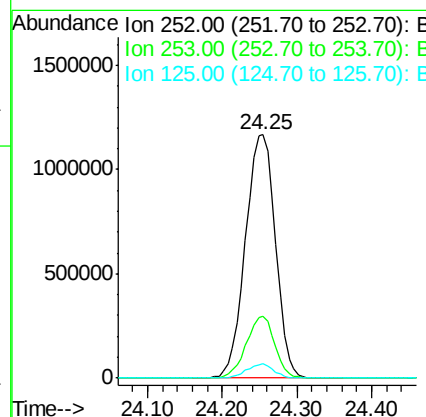
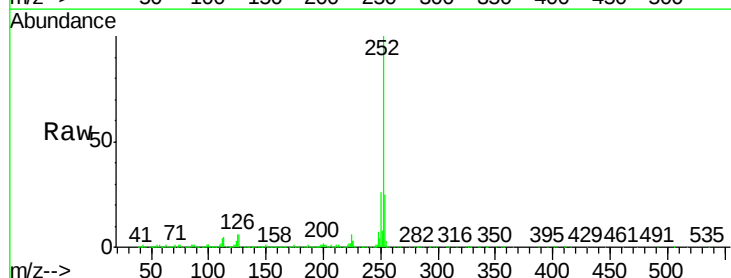
Manual Integrations
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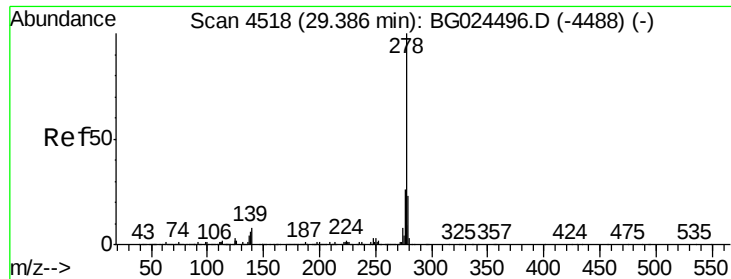
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#87
Benzo(b)fluoranthene
Concen: 66.82 ng
RT: 24.25 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.7	28.1
125	5.9	5.3	7.9





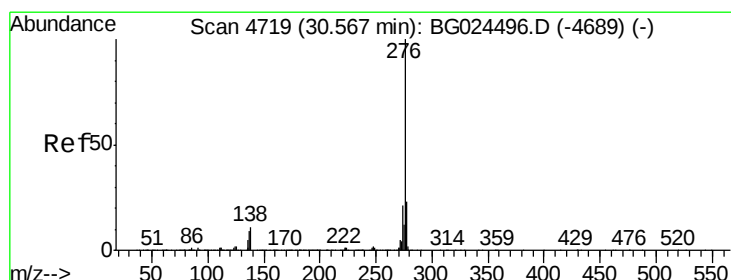
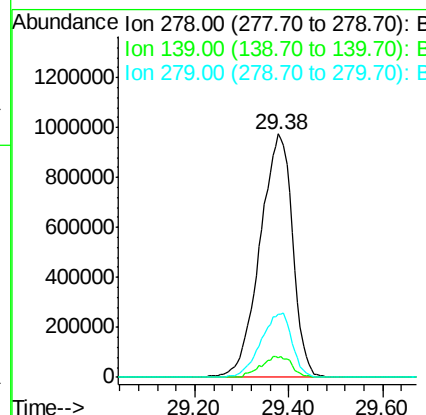
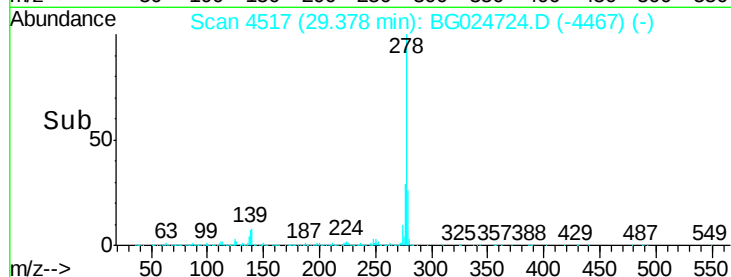
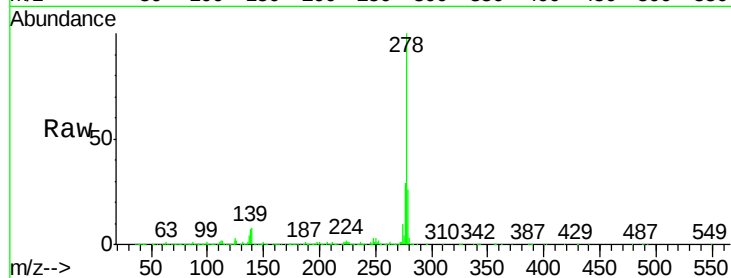
#90
Dibenzo(a,h)anthracene
Concen: 89.71 ng
RT: 29.38 min Scan# 4517
Delta R.T. -0.01 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Instrument :
BNA_G
ClientSampleId :
PT-BNA-SOIL

Tot Ion:278 Resp: 4694401
Ion Ratio Lower Upper
278 100
139 8.3 7.7 11.5
279 26.2 19.1 28.7

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 44.35 ng
RT: 30.54 min Scan# 4714
Delta R.T. -0.03 min
Lab File: BG024724.D
Acq: 7 Nov 2016 11:24

Tgt Ion:276 Resp: 2318517
Ion Ratio Lower Upper
276 100
277 24.6 18.6 27.8
138 11.1 8.1 12.1

