

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092616\
 Data File : BG024145.D
 Acq On : 26 Sep 2016 16:42
 Operator : UM/SJ
 Sample : H4922-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE

Quant Time: Sep 27 00:56:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

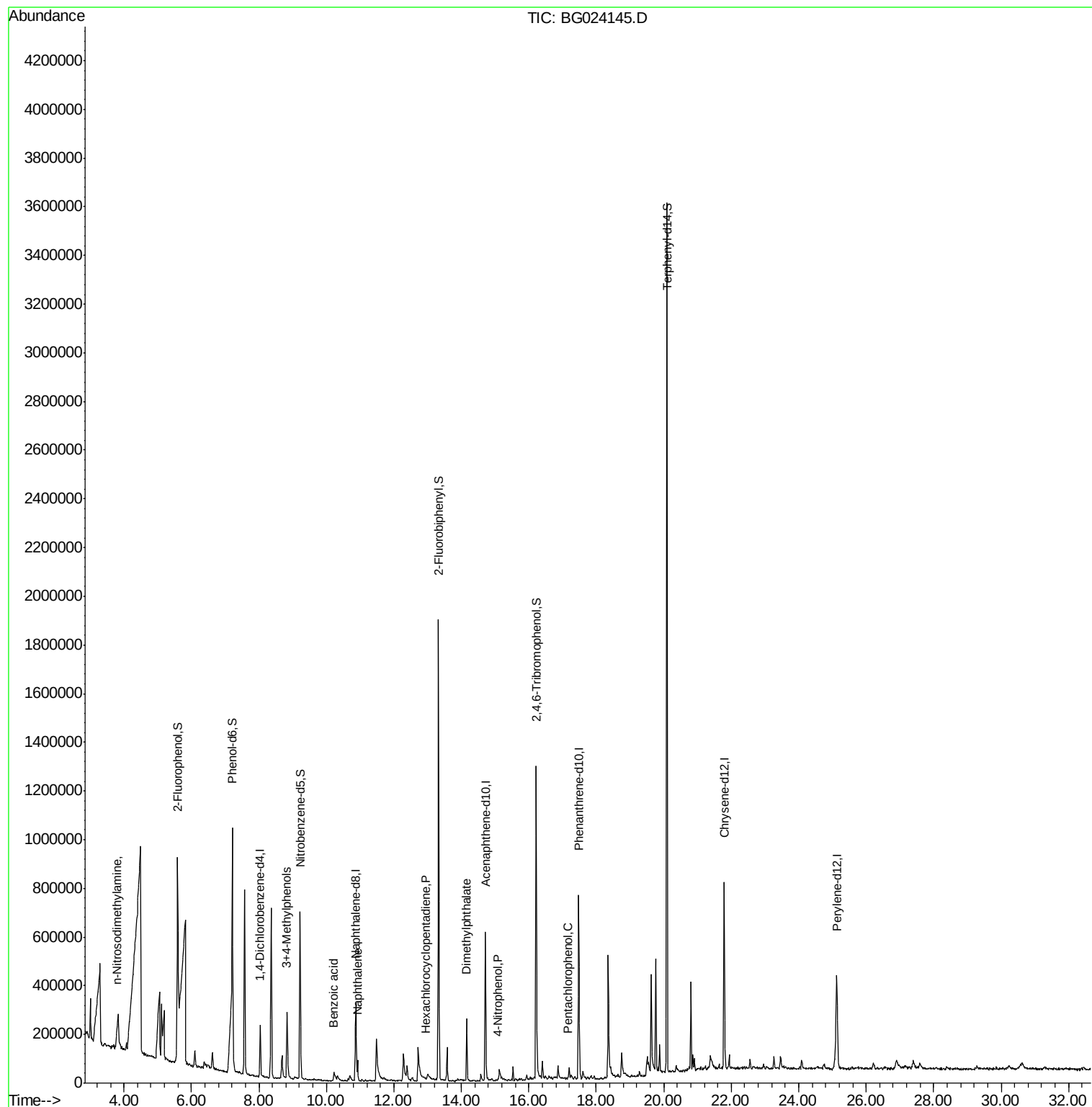
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	56680	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	256281	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	201509	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	457656	20.00	ng	0.00
75) Chrysene-d12	21.79	240	477976	20.00	ng	0.00
86) Perylene-d12	25.13	264	469931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	270332	82.63	ng	0.00
7) Phenol-d6	7.21	99	383433	69.65	ng	0.00
23) Nitrobenzene-d5	9.22	82	434682	66.85	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	233064	80.46	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	903763	75.39	ng	0.00
78) Terphenyl-d14	20.09	244	1426406	61.11	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.78	42	6790	3.03	ng	Qvalue # 1
20) 3+4-Methylphenols	8.83	107	139550	24.97	ng	90
31) Naphthalene	10.92	128	65167	5.02	ng	96
32) Benzoic acid	10.22	122	431	2.30	ng	# 55
40) Hexachlorocyclopentadiene	12.94	237	54	3.61	ng	# 26
49) Dimethylphthalate	14.16	163	145239	9.40	ng	# 98
55) 4-Nitrophenol	15.07	139	76	5.37	ng	# 27
69) Pentachlorophenol	17.14	266	74	3.59	ng	# 18

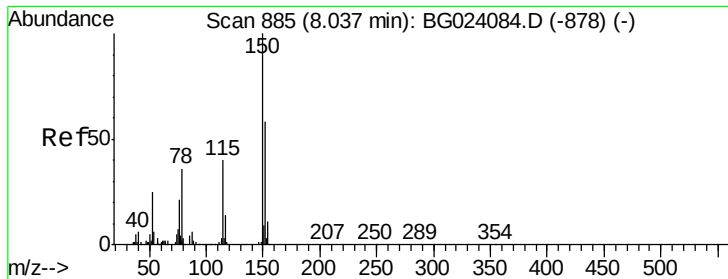
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG024145.D

Acq: 26 Sep 2016 16:42

Instrument :

BNA_G

ClientSampleId :

STOCKPILE

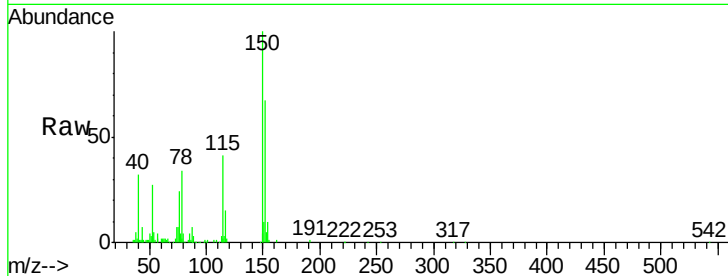
Tgt Ion:152 Resp: 56680

Ion Ratio Lower Upper

152 100

150 149.6 144.7 217.1

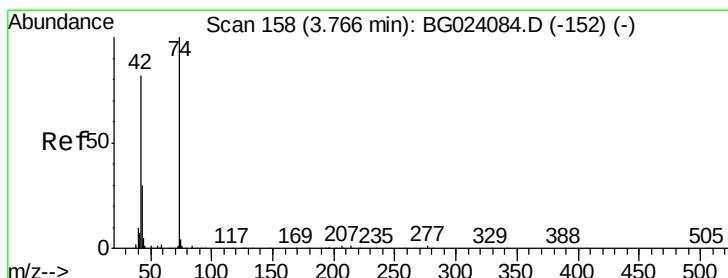
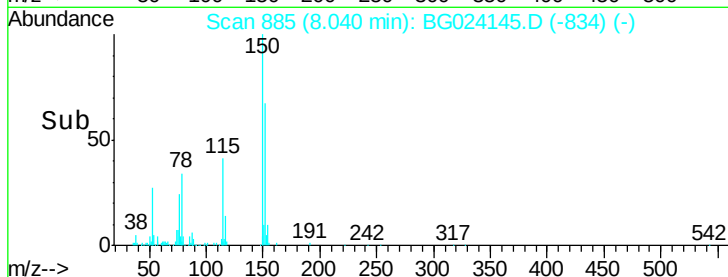
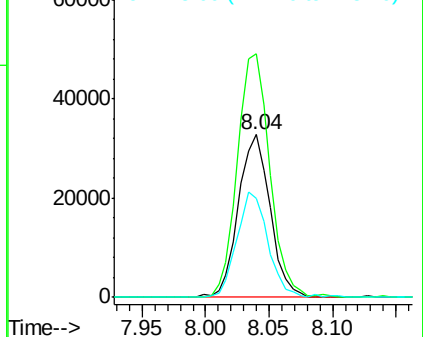
115 60.7 64.0 96.0#



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



#4

n-Nitrosodimethylamine

Concen: 3.03 ng

RT: 3.78 min Scan# 160

Delta R.T. 0.01 min

Lab File: BG024145.D

Acq: 26 Sep 2016 16:42

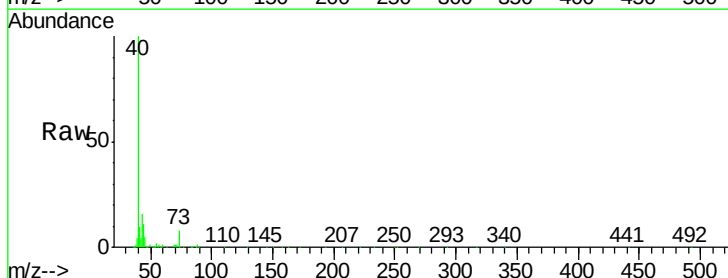
Tgt Ion: 42 Resp: 6790

Ion Ratio Lower Upper

42 100

74 9.2 100.6 150.8#

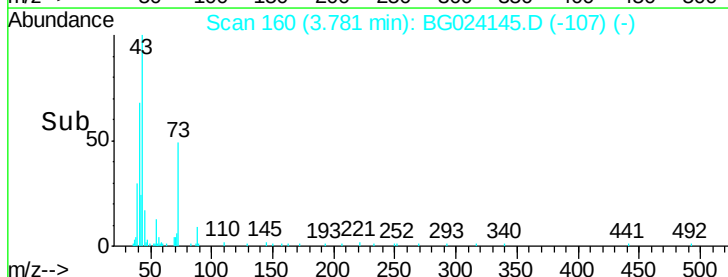
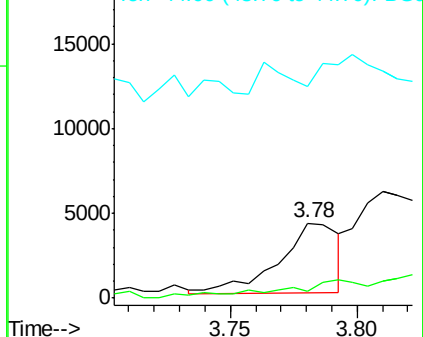
44 283.1 4.5 6.7#

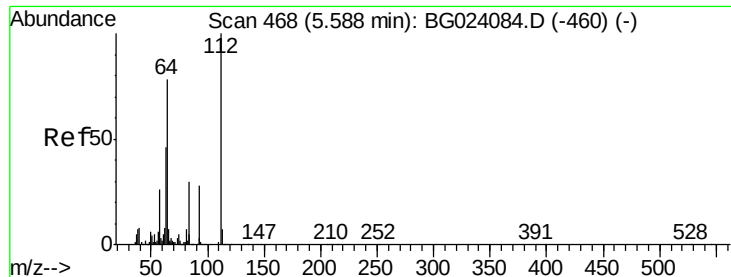


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.63 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024145.D

Acq: 26 Sep 2016 16:42

Instrument :

BNA_G

ClientSampleId :

STOCKPILE

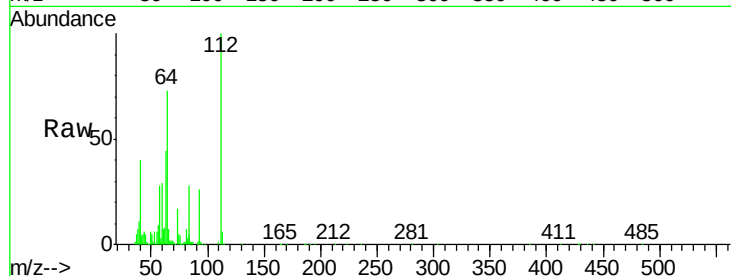
Tgt Ion: 112 Resp: 270332

Ion Ratio Lower Upper

112 100

64 73.4 59.0 88.4

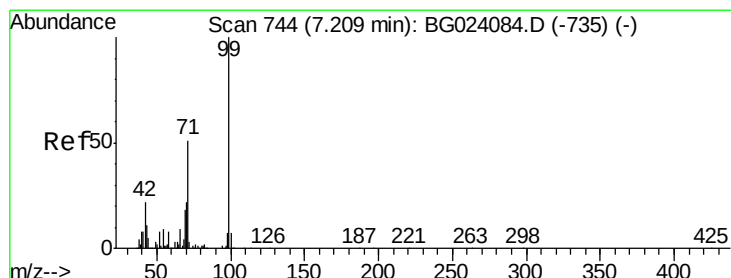
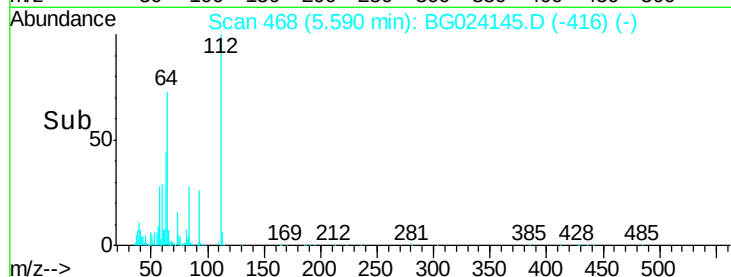
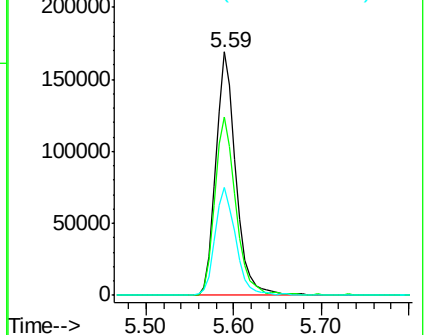
63 44.2 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 69.65 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024145.D

Acq: 26 Sep 2016 16:42

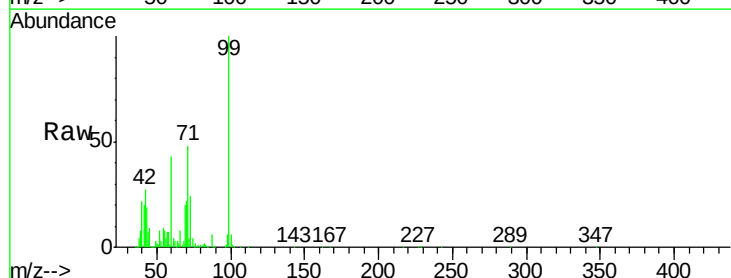
Tgt Ion: 99 Resp: 383433

Ion Ratio Lower Upper

99 100

42 27.1 17.8 26.6#

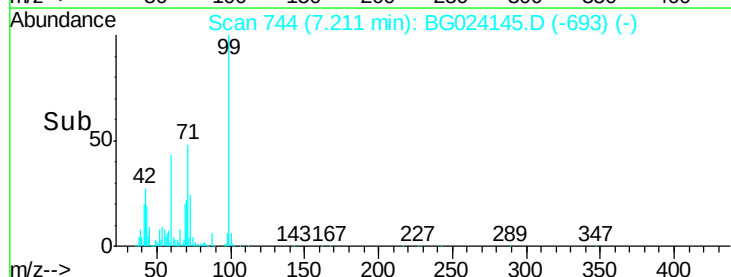
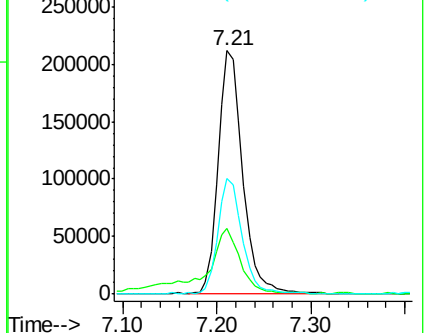
71 47.6 41.5 62.3

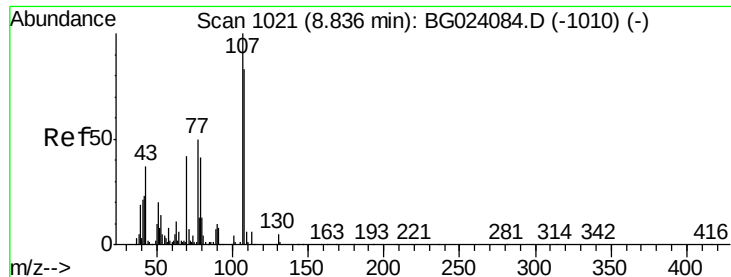


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

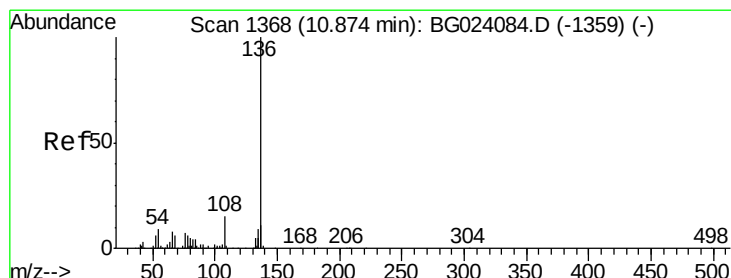
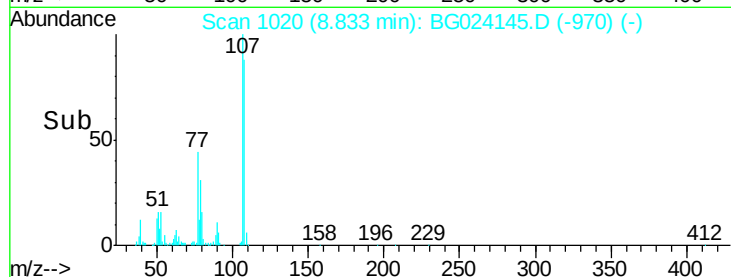
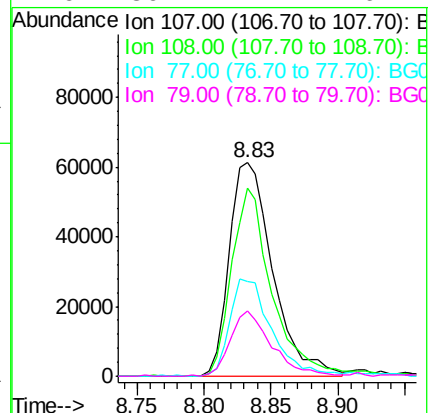
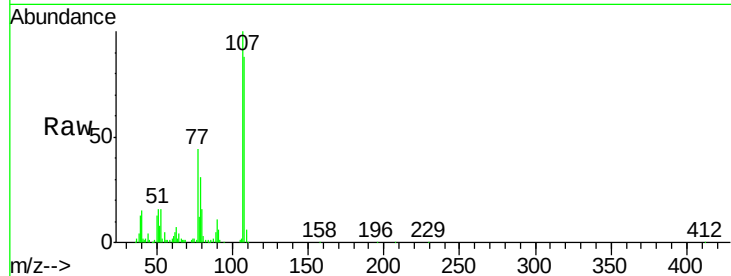




#20
3+4-Methylphenols
Concen: 24.97 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG024145.D
Acq: 26 Sep 2016 16:42

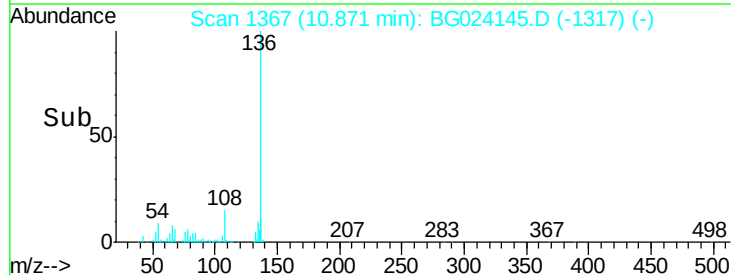
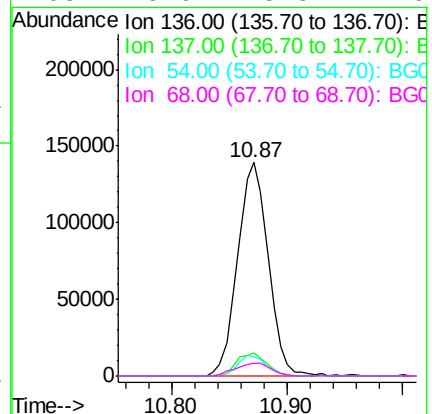
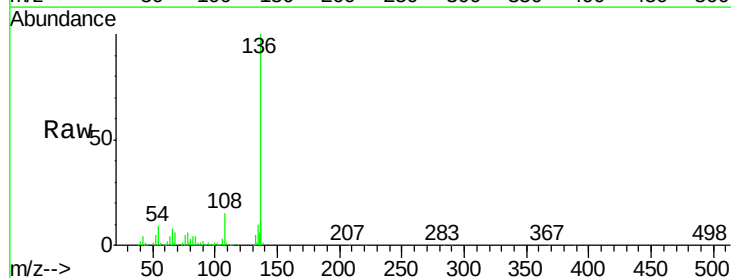
Instrument :
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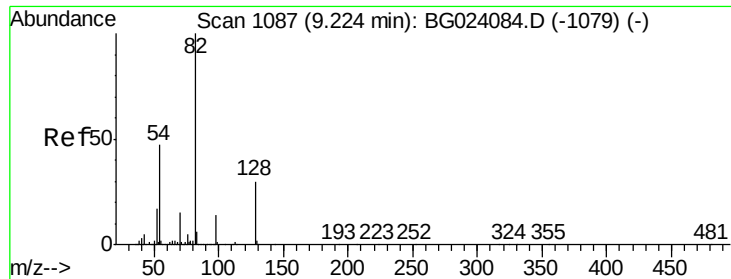
Tgt Ion:	107	Resp:	139550
Ion	Ratio	Lower	Upper
107	100		
108	87.9	72.5	112.5
77	44.3	30.1	70.1
79	30.7	24.2	64.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BG024145.D
Acq: 26 Sep 2016 16:42

Tgt Ion:	136	Resp:	256281
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	8.7	7.3	10.9
68	5.9	5.3	7.9

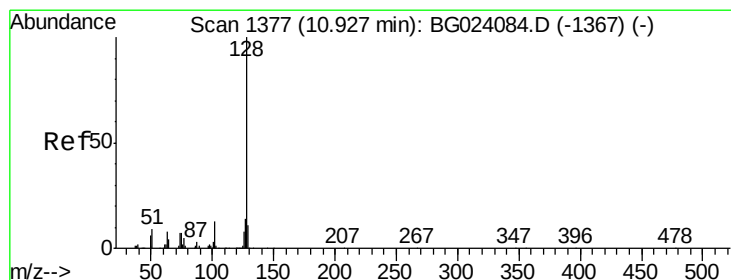
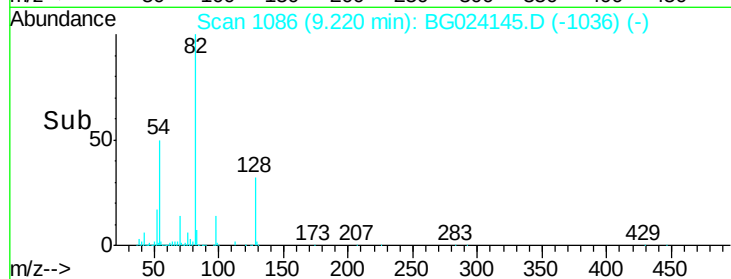
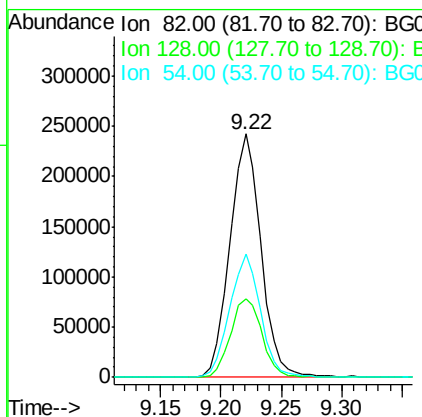
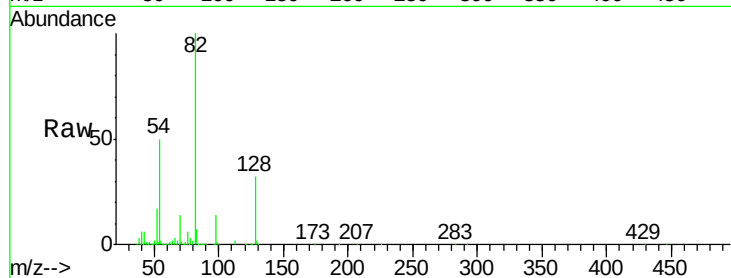




#23
 Nitrobenzene-d5
 Concen: 66.85 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BG024145.D
 Acq: 26 Sep 2016 16:42

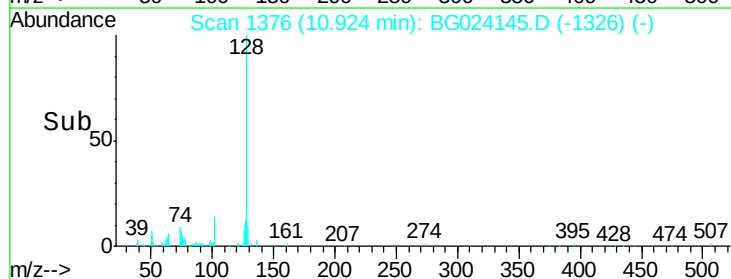
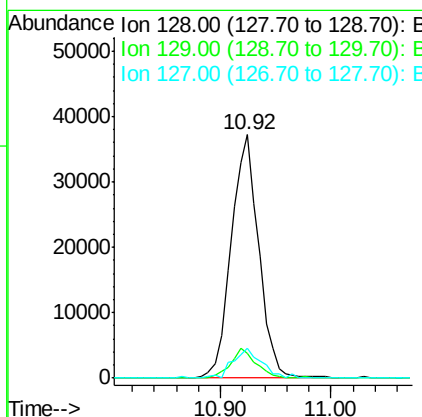
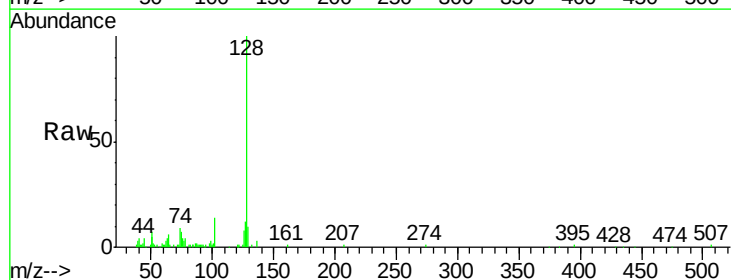
Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE

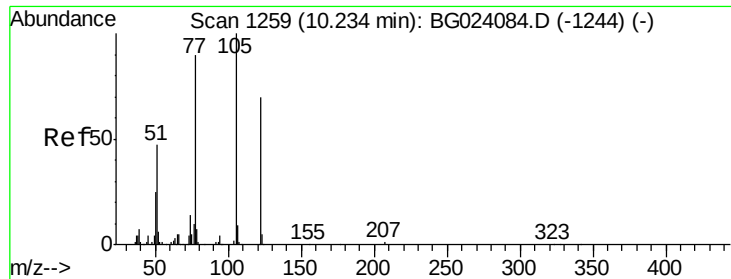
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.5	24.4	36.6
54	50.4	41.4	62.0



#31
 Naphthalene
 Concen: 5.02 ng
 RT: 10.92 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BG024145.D
 Acq: 26 Sep 2016 16:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.4	14.0
127	12.2	11.3	16.9





#32

Benzoic acid

Concen: 2.30 ng

RT: 10.22 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG024145.D

Acq: 26 Sep 2016 16:42

Instrument :

BNA_G

ClientSampleId :

STOCKPILE

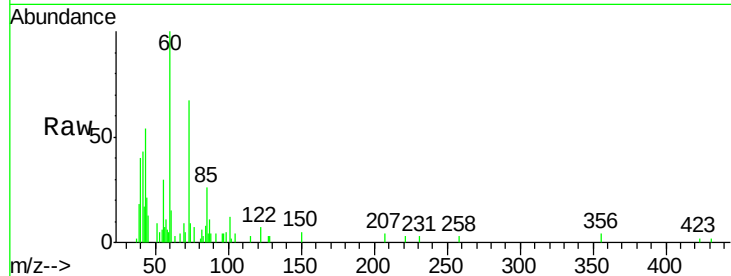
Tgt Ion:122 Resp: 431

Ion Ratio Lower Upper

122 100

105 58.5 117.2 157.2#

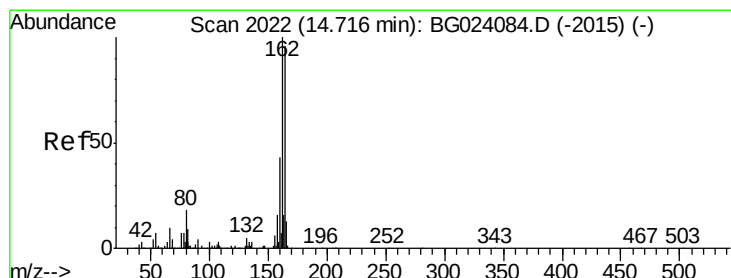
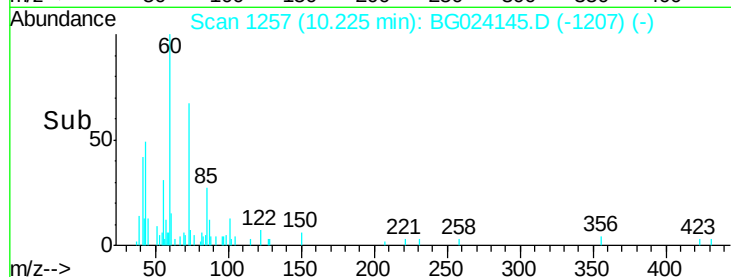
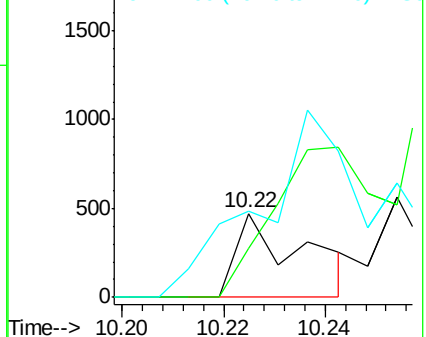
77 103.2 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BG024145.D

Acq: 26 Sep 2016 16:42

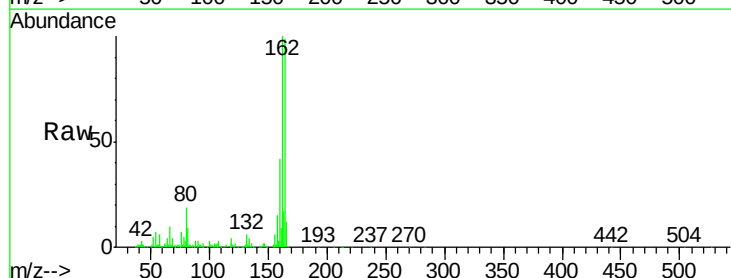
Tgt Ion:164 Resp: 201509

Ion Ratio Lower Upper

164 100

162 101.0 87.7 131.5

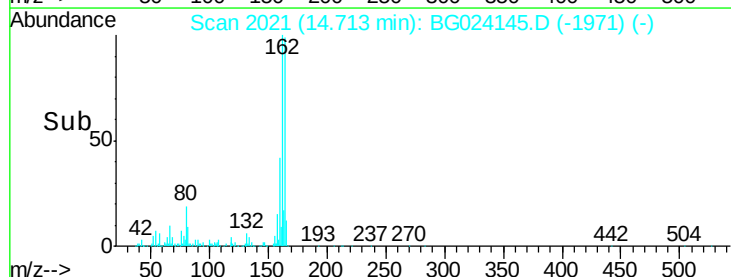
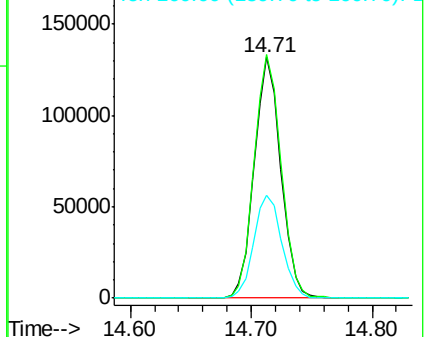
160 42.7 37.2 55.8

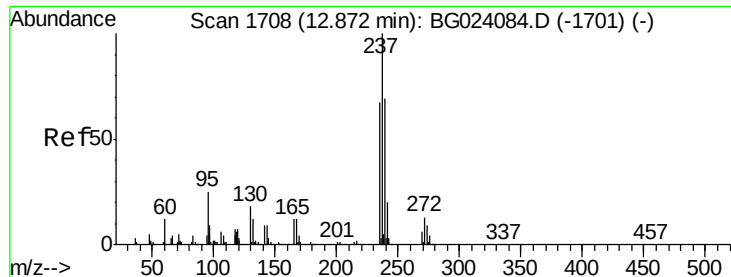


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

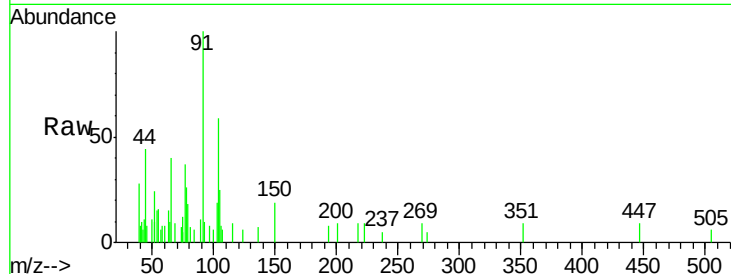




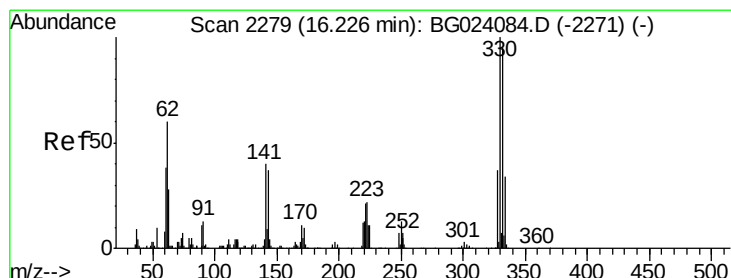
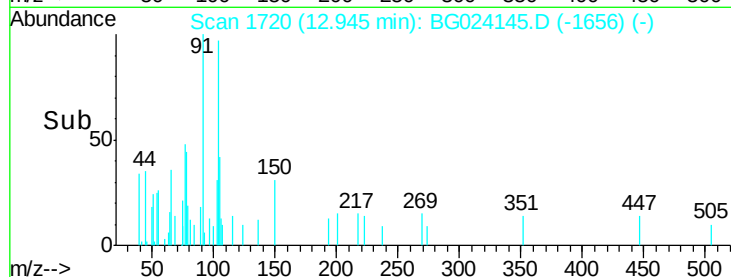
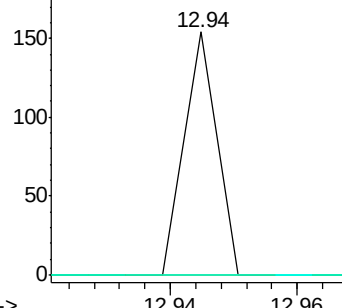
#40
Hexachlorocyclopentadiene
Concen: 3.61 ng
RT: 12.94 min Scan# 1720
Delta R.T. 0.07 min
Lab File: BG024145.D
Acq: 26 Sep 2016 16:42

Instrument :
BNA_G
ClientSampleId :
STOCKPILE

Tgt Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9

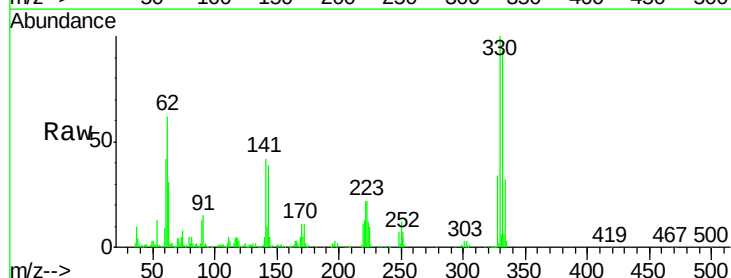


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

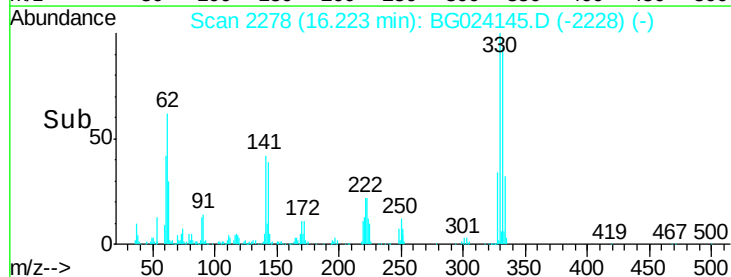
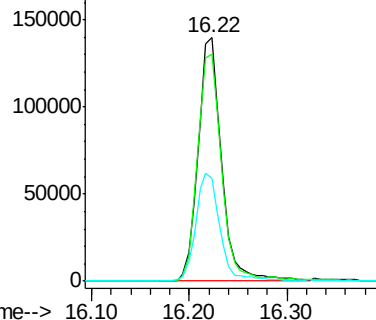


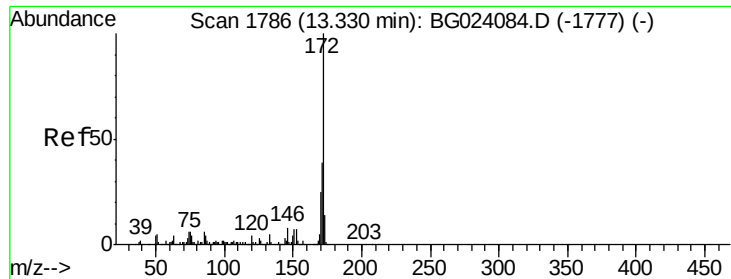
#41
2,4,6-Tribromophenol
Concen: 80.46 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BG024145.D
Acq: 26 Sep 2016 16:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	45.5	31.7	47.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

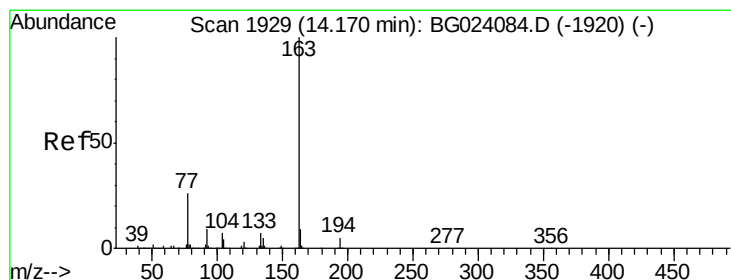
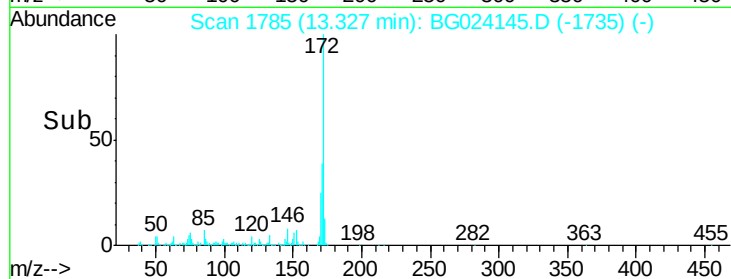
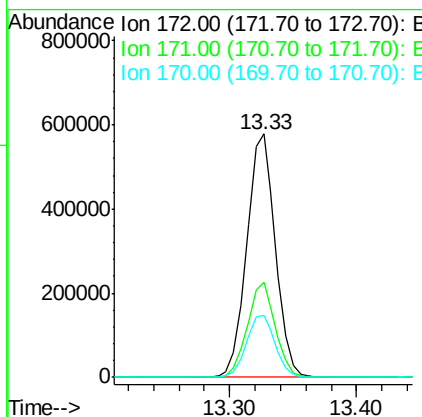
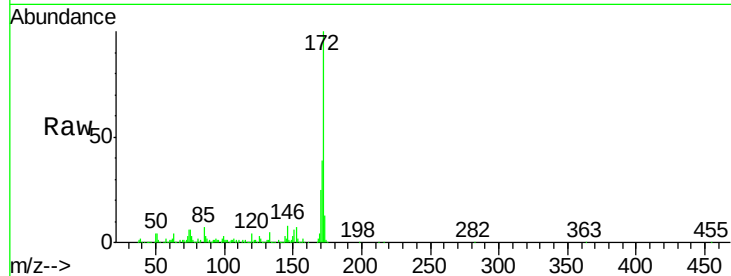




#44
2-Fluorobiphenyl
Concen: 75.39 ng
RT: 13.33 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG024145.D
Acq: 26 Sep 2016 16:42

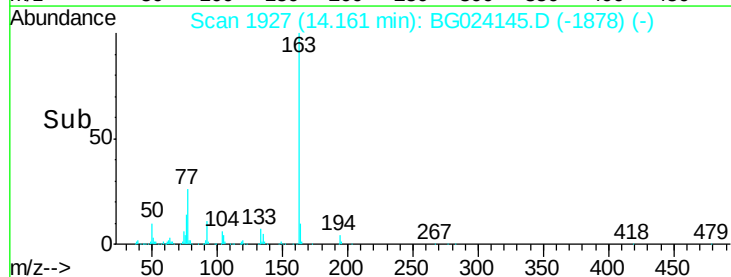
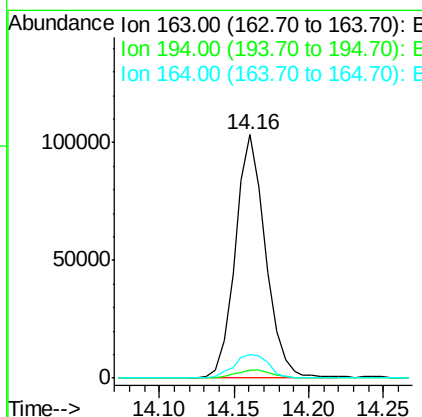
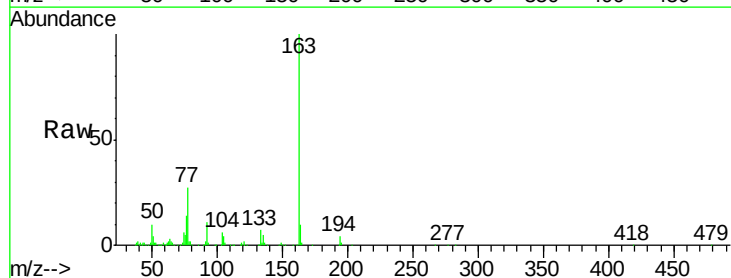
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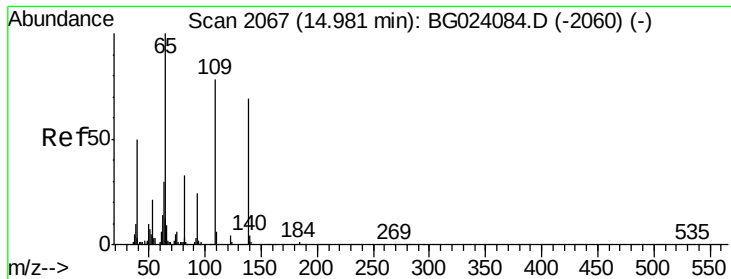
Tgt Ion:172 Resp: 903763
Ion Ratio Lower Upper
172 100
171 39.3 31.6 47.4
170 25.5 21.3 31.9



#49
Dimethylphthalate
Concen: 9.40 ng
RT: 14.16 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG024145.D
Acq: 26 Sep 2016 16:42

Tgt Ion:163 Resp: 145239
Ion Ratio Lower Upper
163 100
194 3.5 3.6 5.4#
164 9.7 8.1 12.1

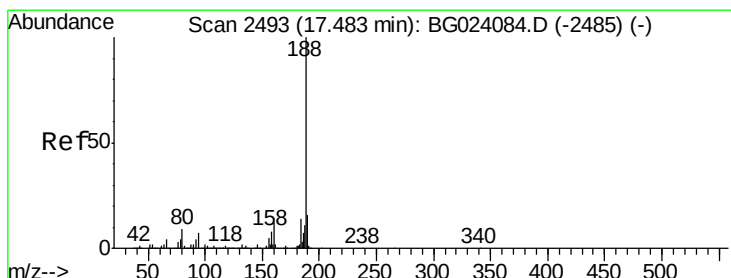
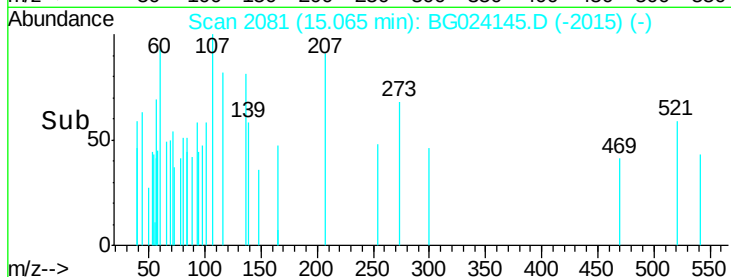
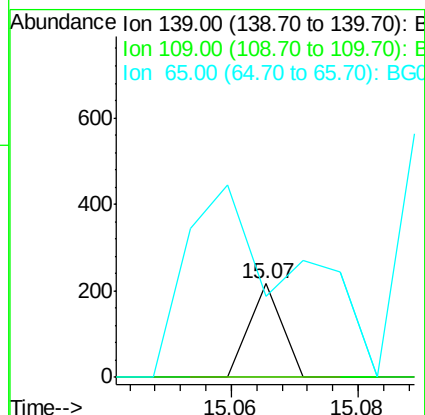
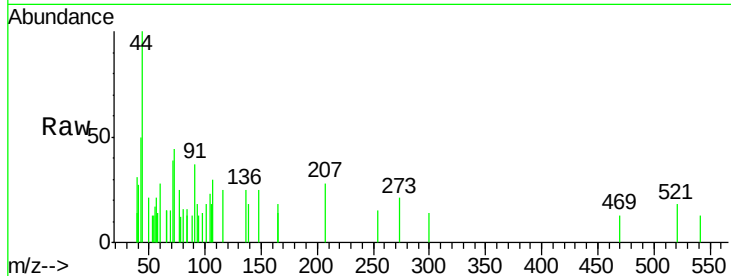




#55
4-Nitrophenol
Concen: 5.37 ng
RT: 15.07 min Scan# 2081
Delta R.T. 0.09 min
Lab File: BG024145.D
Acq: 26 Sep 2016 16:42

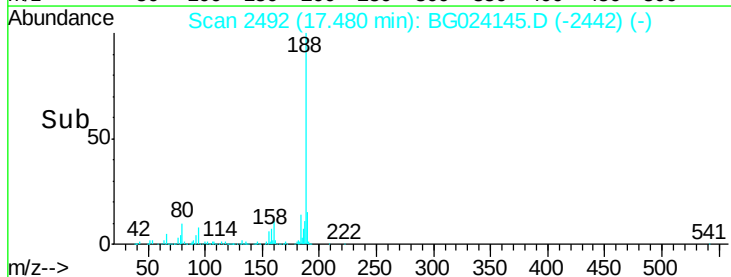
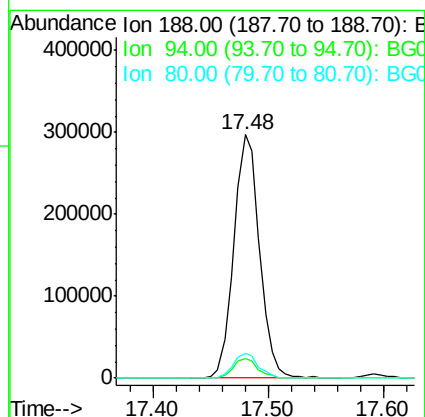
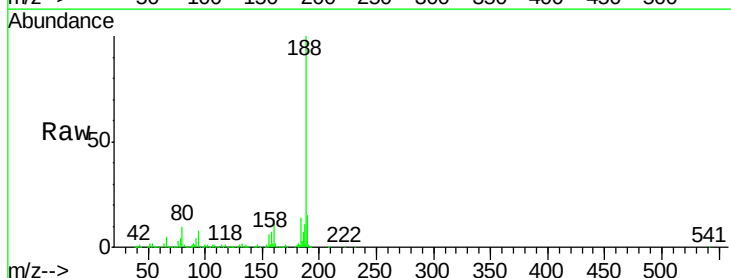
Instrument :
BNA_G
ClientSampleId :
STOCKPILE

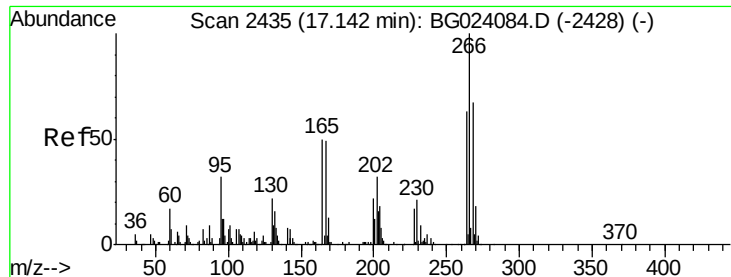
Tgt Ion:139 Resp: 76
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 86.1 112.7 152.7#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG024145.D
Acq: 26 Sep 2016 16:42

Tgt Ion:188 Resp: 457656
Ion Ratio Lower Upper
188 100
94 7.9 5.2 7.8#
80 10.4 7.2 10.8

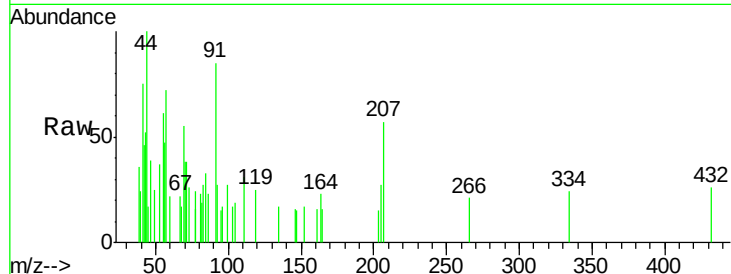




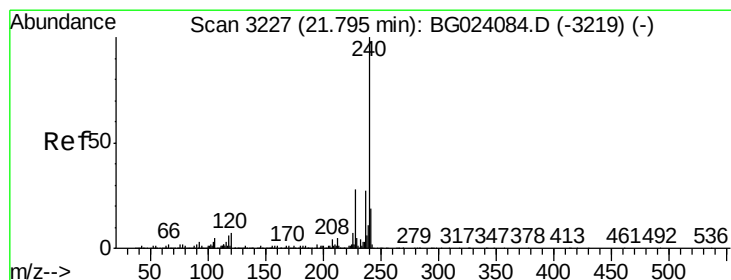
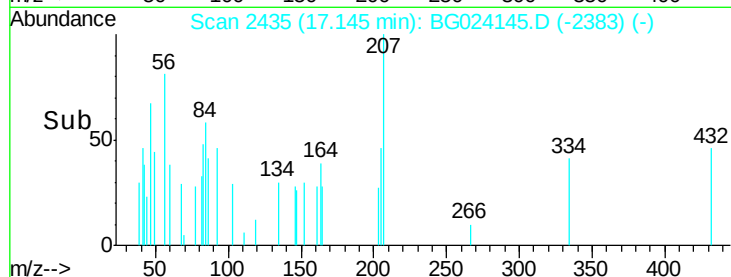
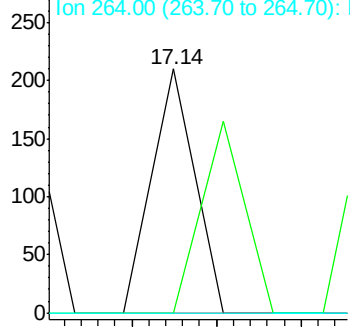
#69
 Pentachlorophenol
 Concen: 3.59 ng
 RT: 17.14 min Scan# 2435
 Delta R.T. 0.00 min
 Lab File: BG024145.D
 Acq: 26 Sep 2016 16:42

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE

Tgt Ion: 266 Resp: 74
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.9 77.9#
 264 0.0 50.6 75.8#

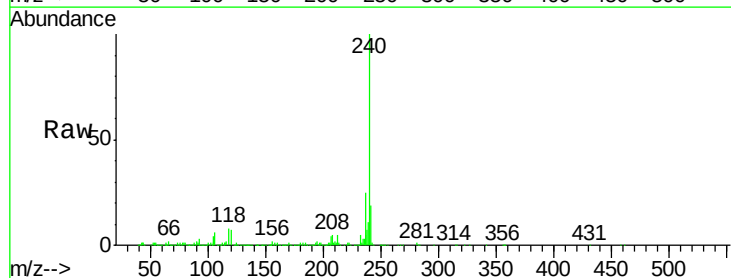


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

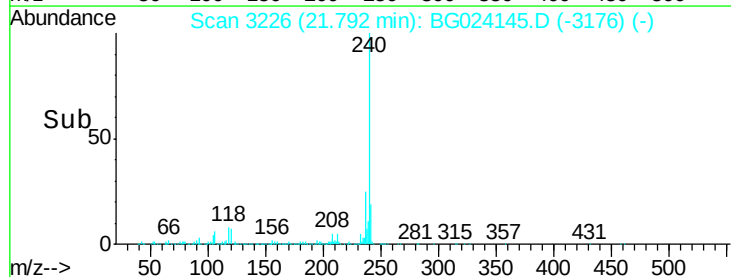
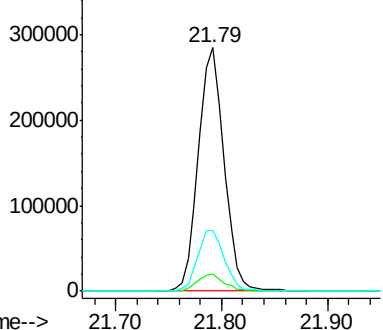


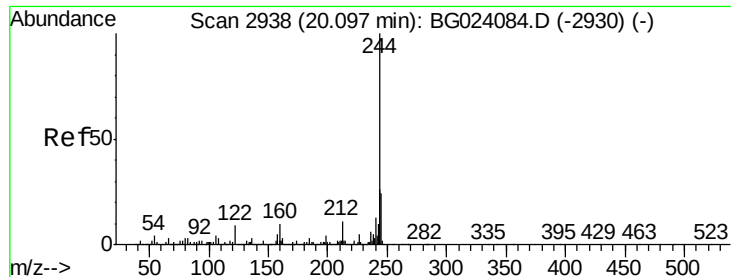
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.79 min Scan# 3226
 Delta R.T. -0.00 min
 Lab File: BG024145.D
 Acq: 26 Sep 2016 16:42

Tgt Ion: 240 Resp: 477976
 Ion Ratio Lower Upper
 240 100
 120 7.2 4.1 6.1#
 236 24.6 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.11 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BG024145.D

Acq: 26 Sep 2016 16:42

Instrument :

BNA_G

ClientSampled :

STOCKPILE

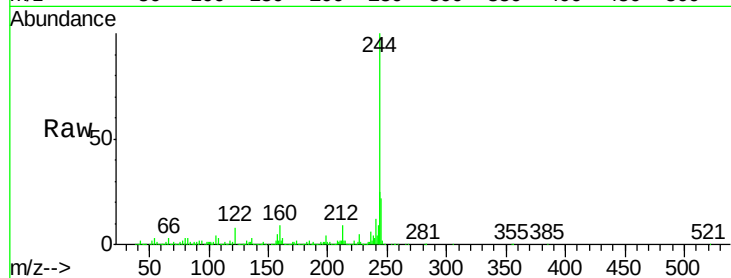
Tgt Ion:244 Resp: 1426406

Ion Ratio Lower Upper

244 100

212 9.4 10.8 16.2#

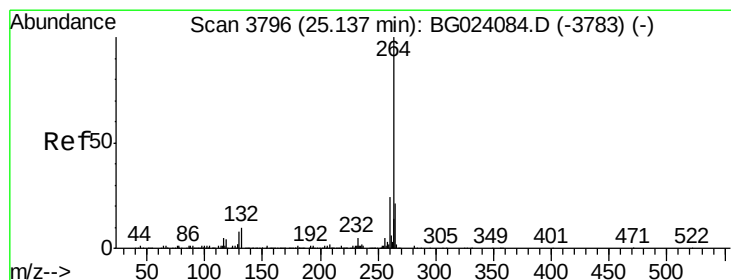
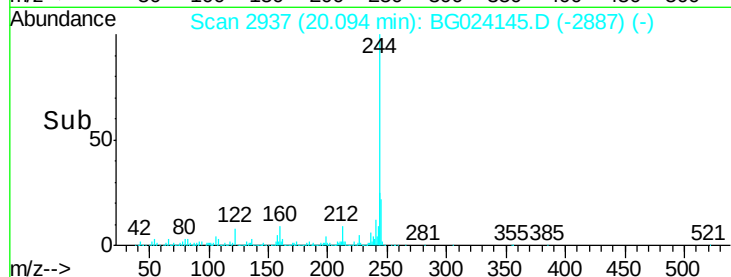
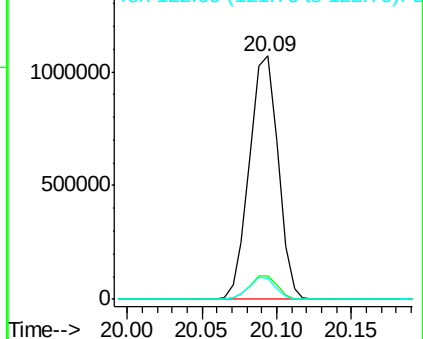
122 8.4 8.0 12.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.13 min Scan# 3794

Delta R.T. -0.01 min

Lab File: BG024145.D

Acq: 26 Sep 2016 16:42

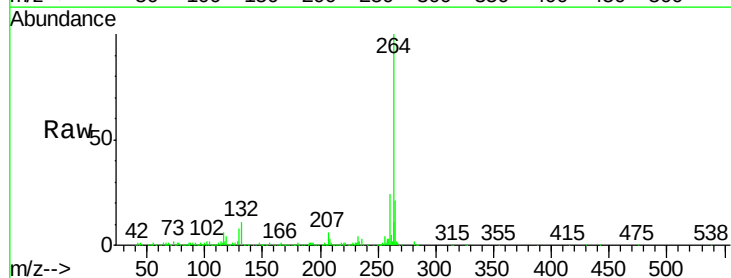
Tgt Ion:264 Resp: 469931

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.1 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

