

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011217\
 Data File : BG025490.D
 Acq On : 12 Jan 2017 20:14
 Operator : UM/SJ
 Sample : I1031-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-0022

Quant Time: Jan 13 00:48:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

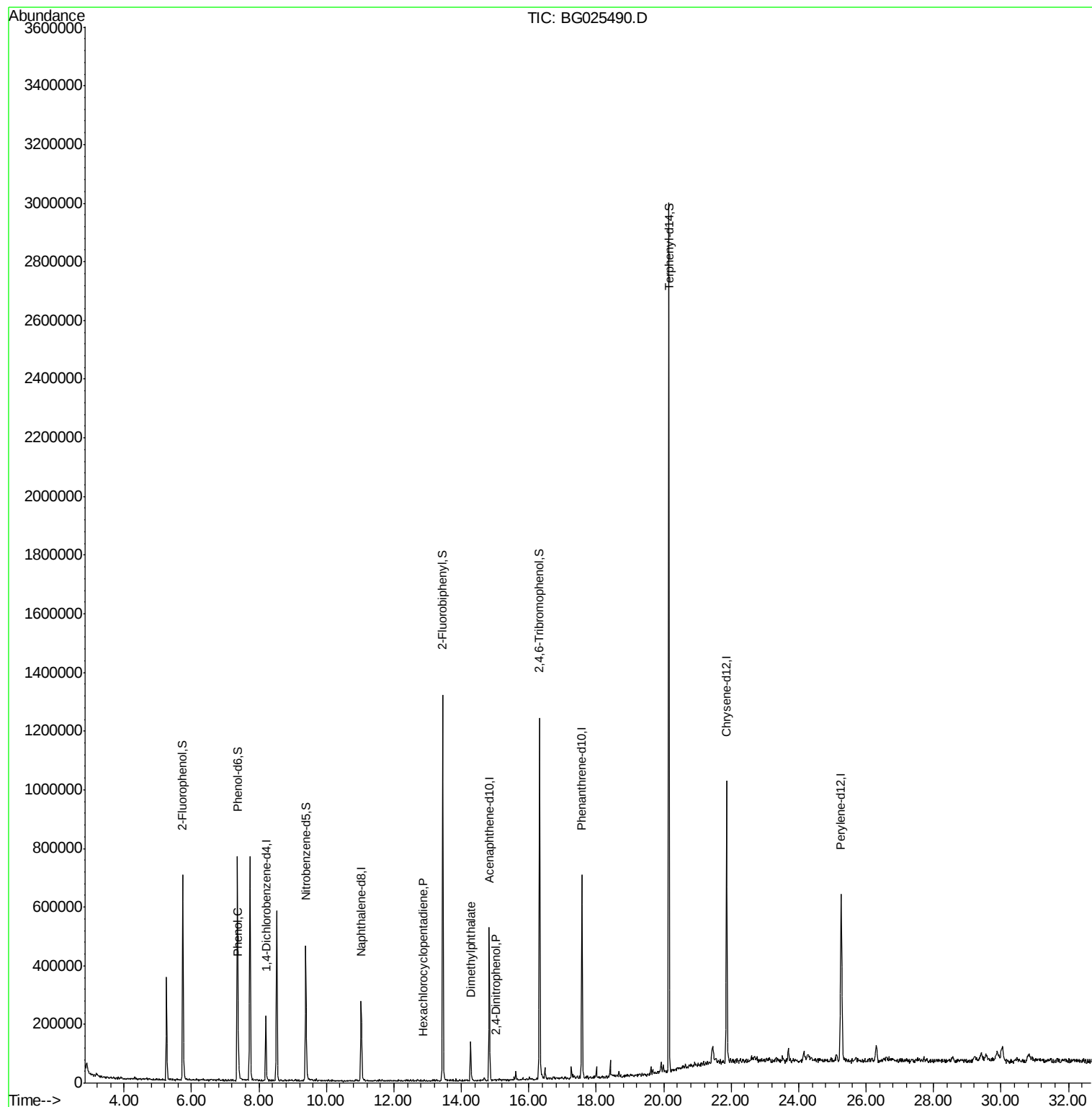
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	56139	20.00	ng	0.01
21) Naphthalene-d8	11.03	136	230748	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	192451	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	436335	20.00	ng	0.00
75) Chrysene-d12	21.86	240	632186	20.00	ng	0.00
86) Perylene-d12	25.26	264	685637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	274140	88.76	ng	0.00
7) Phenol-d6	7.36	99	415344	95.49	ng	0.00
23) Nitrobenzene-d5	9.39	82	313354	59.99	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	256798	82.88	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	665296	55.97	ng	0.00
78) Terphenyl-d14	20.15	244	1238501	51.94	ng	0.00
Target Compounds						
10) Phenol	7.39	94	23483	4.87	ng	Qvalue 89
40) Hexachlorocyclopentadiene	12.86	237	69	8.54	ng	# 29
49) Dimethylphthalate	14.27	163	98155	7.00	ng	96
53) 2,4-Dinitrophenol	15.01	184	88	5.12	ng	# 15

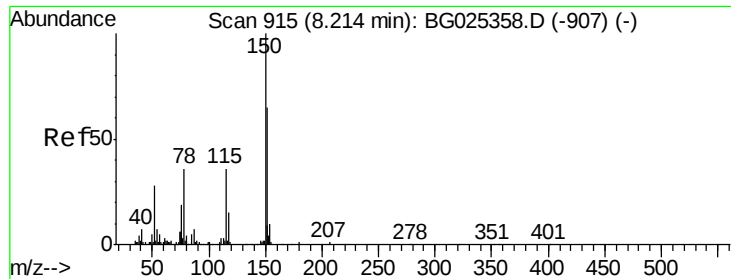
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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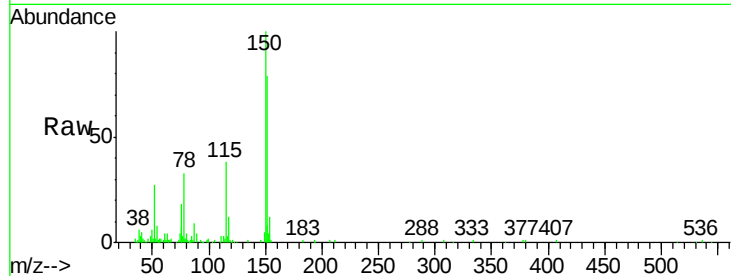


#1

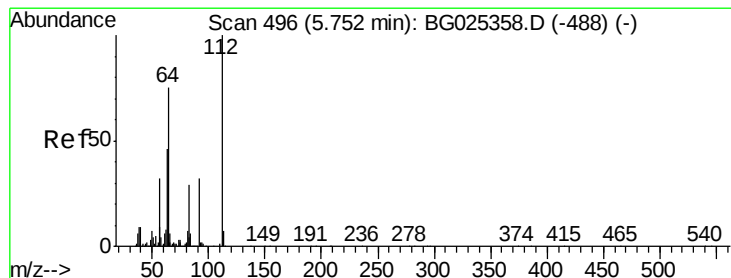
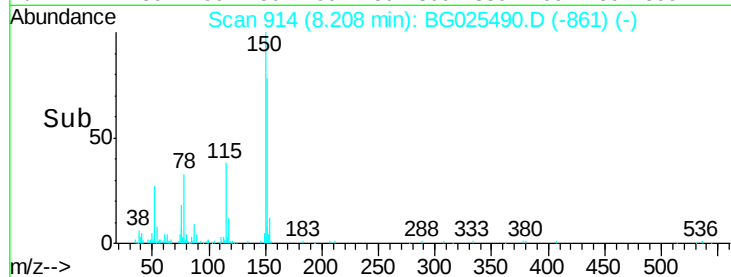
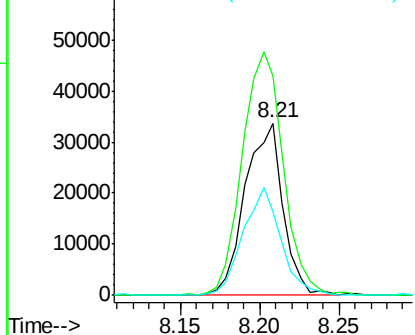
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.21 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BG025490.D
 Acq: 12 Jan 2017 20:14

Instrument :
 BNA_G
 ClientSampleId :
 COMP-0022

Tgt Ion	Ratio	Lower	Upper
152	100		
150	127.3	114.0	171.0
115	48.8	48.1	72.1



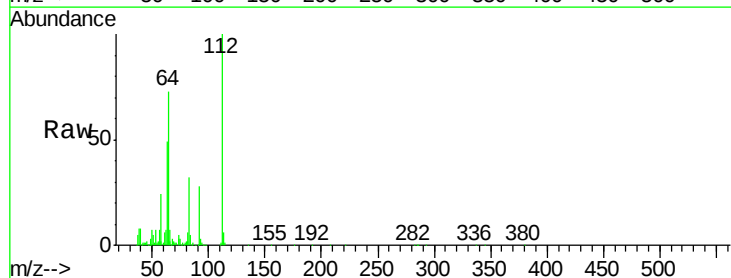
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



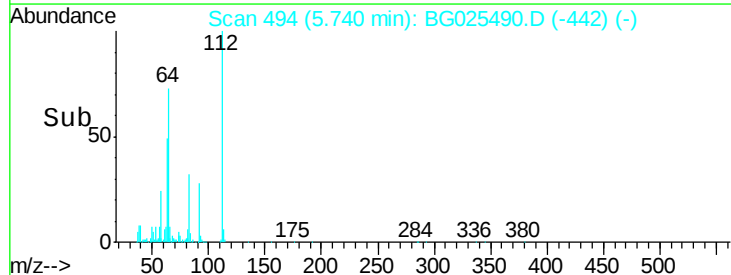
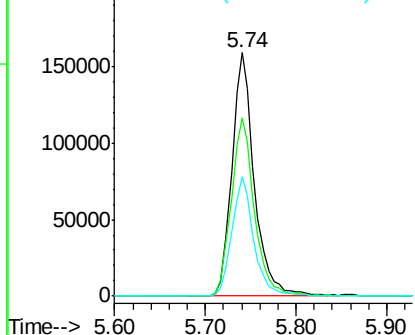
#5

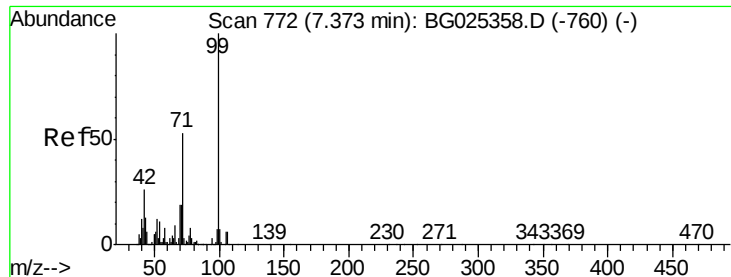
2-Fluorophenol
 Concen: 88.76 ng
 RT: 5.74 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: BG025490.D
 Acq: 12 Jan 2017 20:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	61.8	92.6
63	49.0	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: 95.49 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

Instrument :

BNA_G

ClientSampleId :

COMP-0022

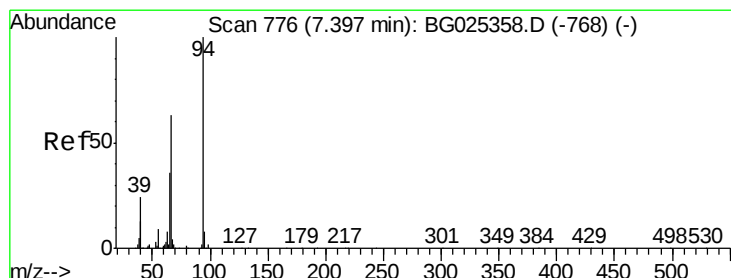
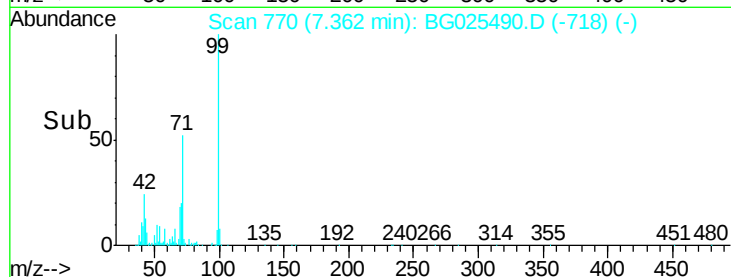
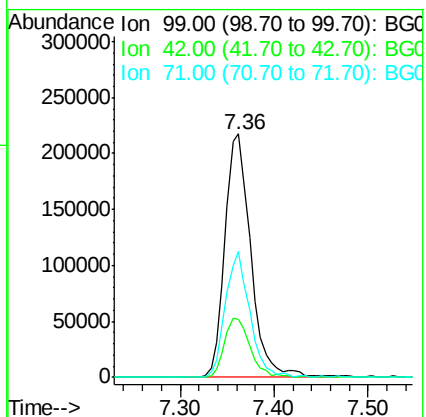
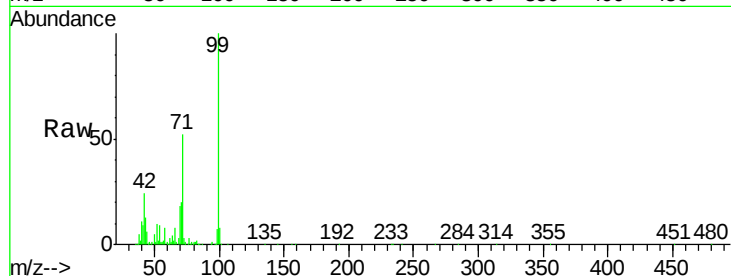
Tgt Ion: 99 Resp: 415344

Ion Ratio Lower Upper

99 100

42 24.0 20.5 30.7

71 51.8 37.6 56.4



#10

Phenol

Concen: 4.87 ng

RT: 7.39 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

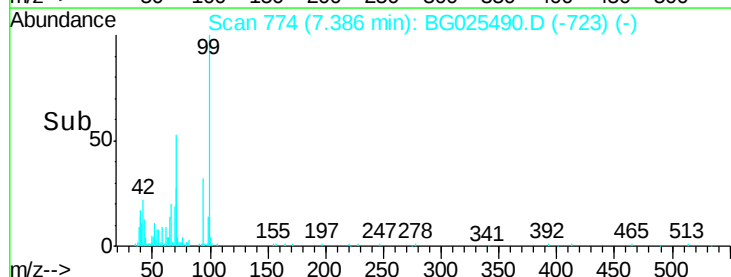
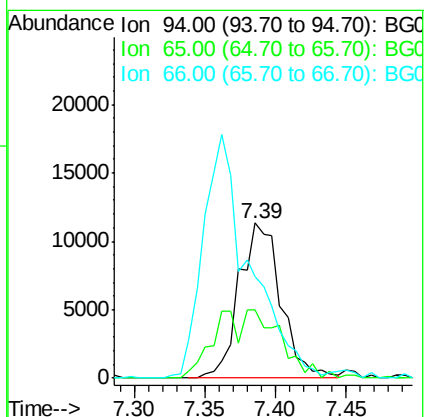
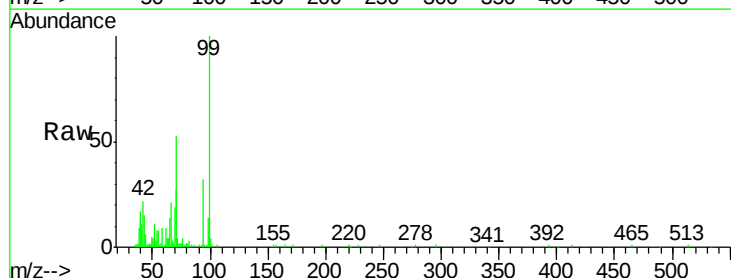
Tgt Ion: 94 Resp: 23483

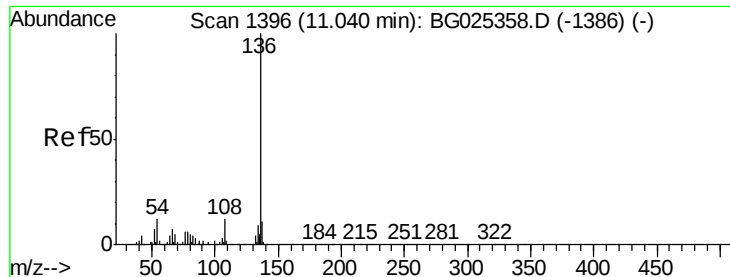
Ion Ratio Lower Upper

94 100

65 44.4 20.6 60.6

66 65.6 35.5 75.5

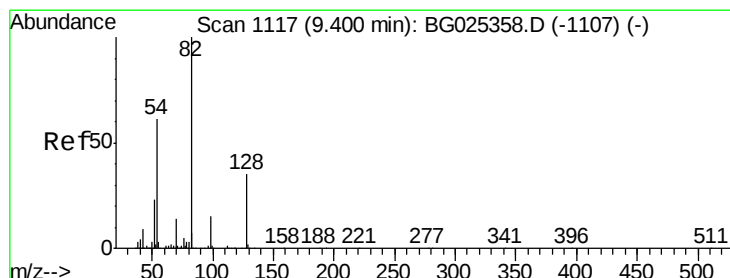
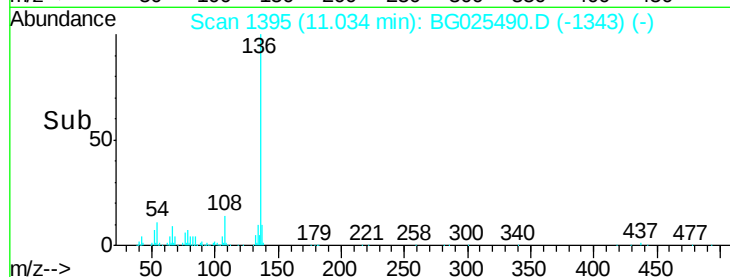
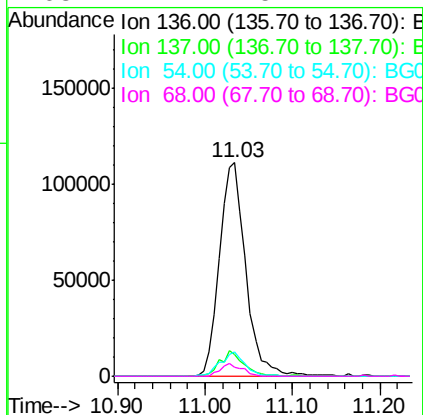
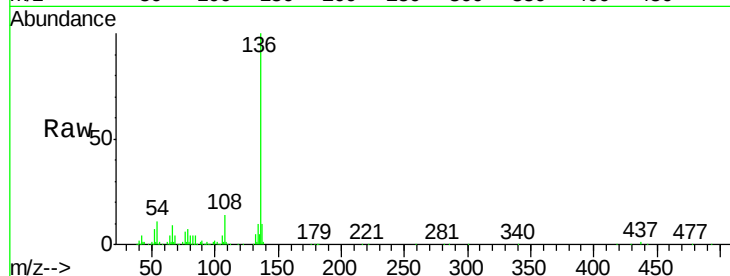




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BG025490.D
Acq: 12 Jan 2017 20:14

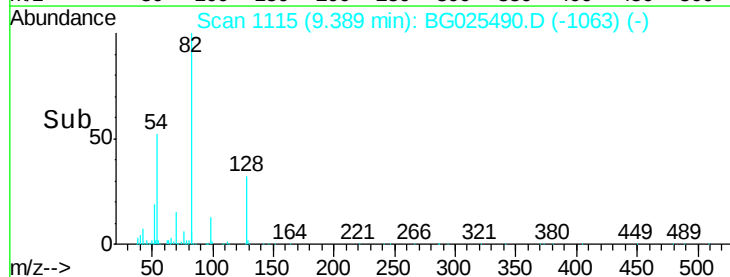
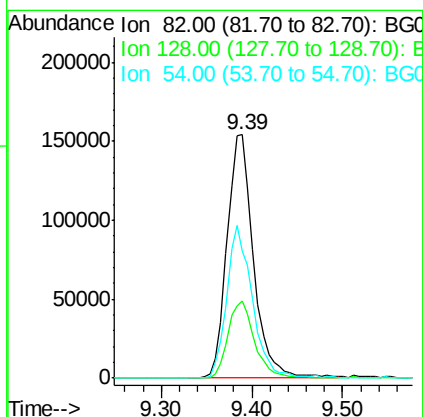
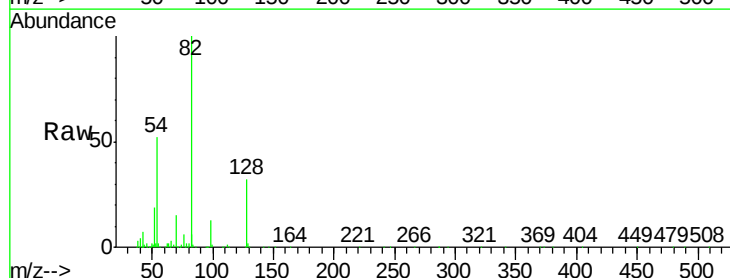
Instrument :
BNA_G
ClientSampleId :
COMP-0022

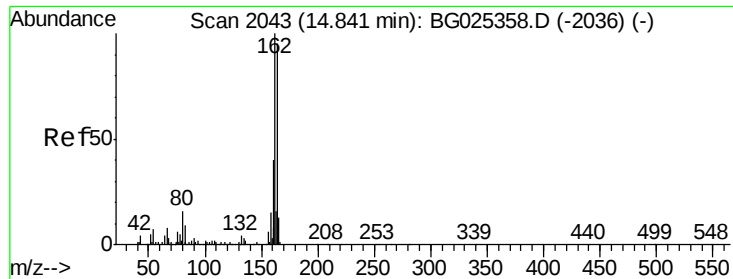
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	11.4	9.3	13.9
68	4.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 59.99 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BG025490.D
Acq: 12 Jan 2017 20:14

Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.5	26.4	39.6
54	52.4	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

Instrument :

BNA_G

ClientSampleId :

COMP-0022

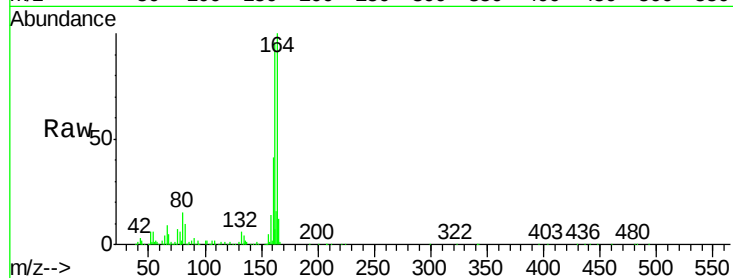
Tgt Ion:164 Resp: 192451

Ion Ratio Lower Upper

164 100

162 96.1 85.1 127.7

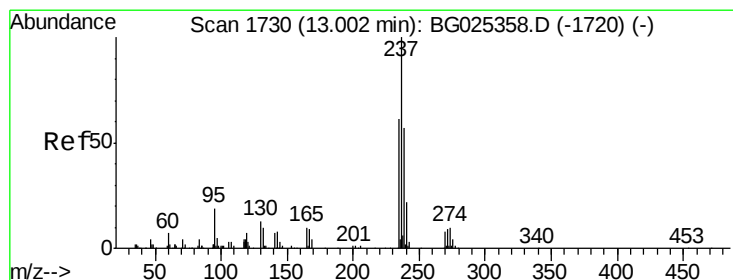
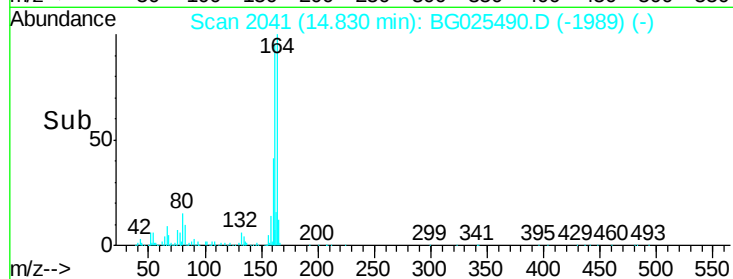
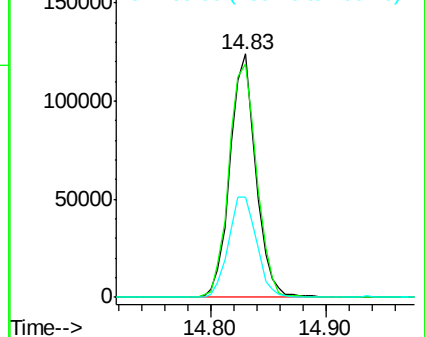
160 41.1 34.7 52.1



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: 8.54 ng

RT: 12.86 min Scan# 1706

Delta R.T. -0.13 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

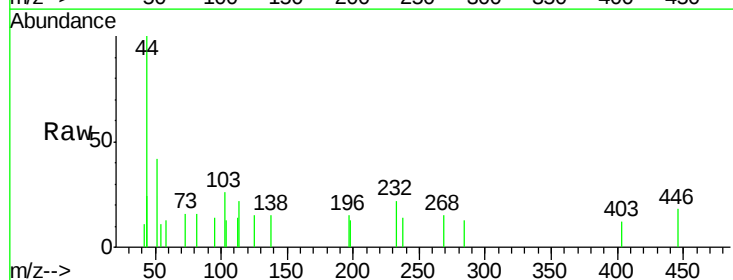
Tgt Ion:237 Resp: 69

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

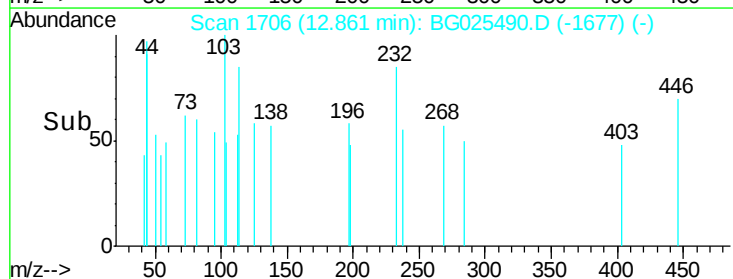
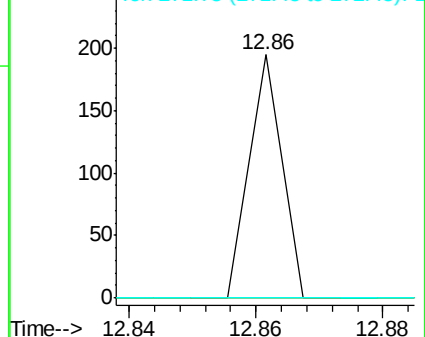
272 0.0 0.0 32.0

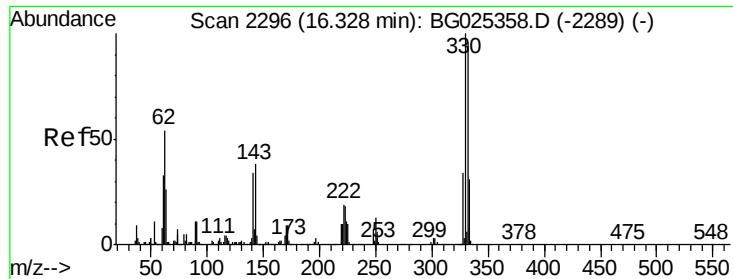


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

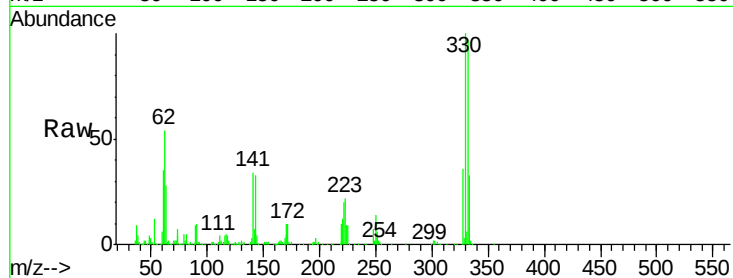




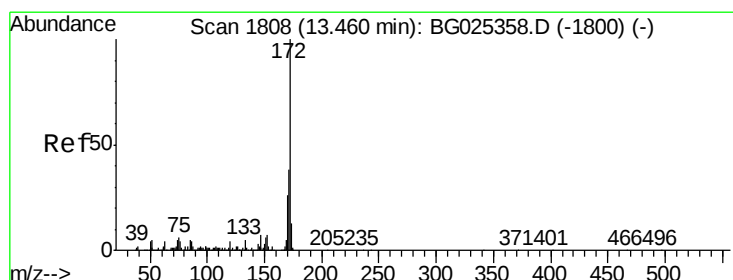
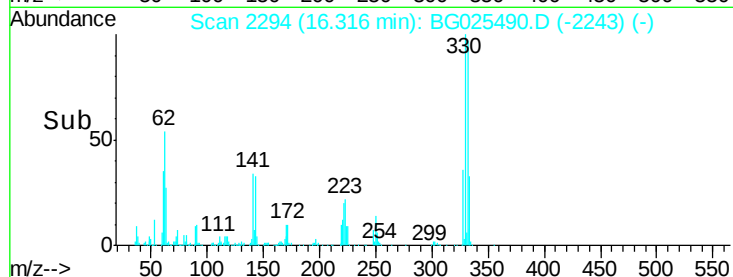
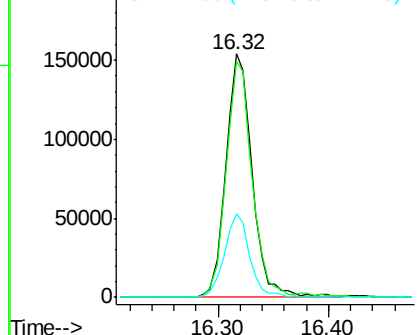
#41
 2,4,6-Tribromophenol
 Concen: 82.88 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG025490.D
 Acq: 12 Jan 2017 20:14

Instrument :
 BNA_G
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 COMP-0022

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.3	115.9
141	33.0	32.1	48.1

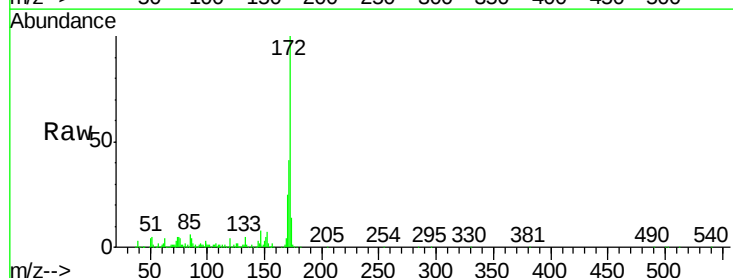


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

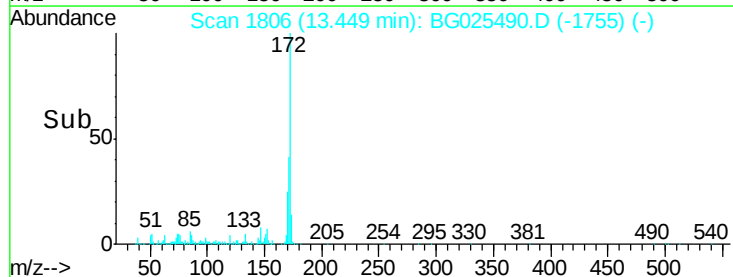
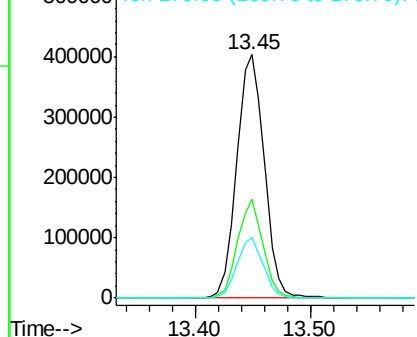


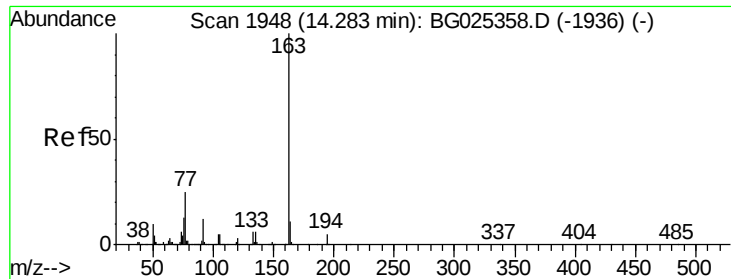
#44
 2-Fluorobiphenyl
 Concen: 55.97 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG025490.D
 Acq: 12 Jan 2017 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.5	32.2	48.2
170	24.8	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 7.00 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

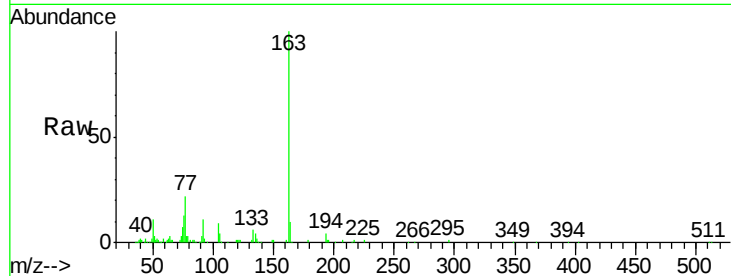
Instrument :

BNA_G

ClientSampleId :

COMP-0022

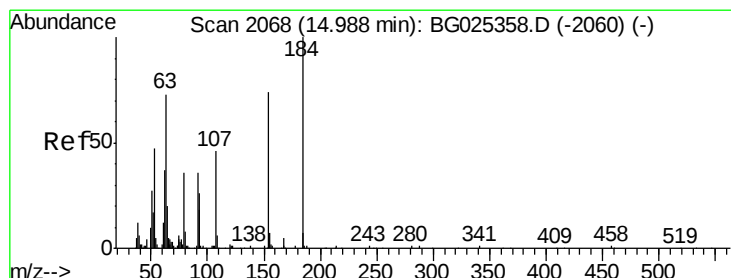
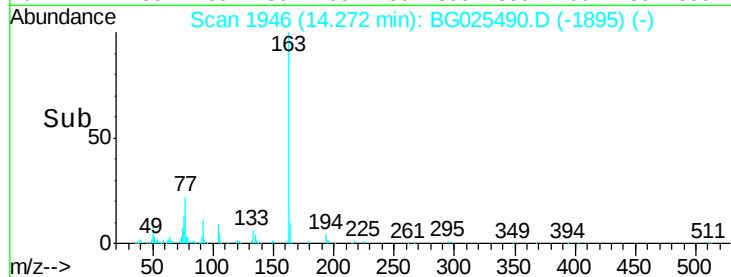
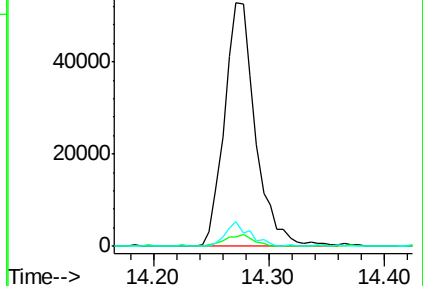
Tgt Ion:	163	Resp:	98155
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.8	5.6
164	10.1	9.3	13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 5.12 ng

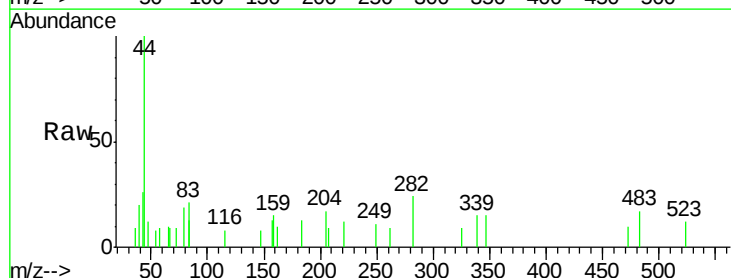
RT: 15.01 min Scan# 2072

Delta R.T. 0.04 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

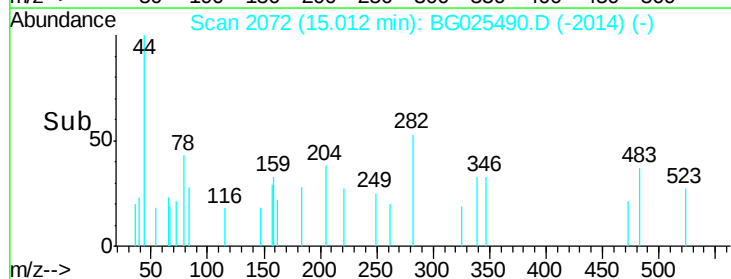
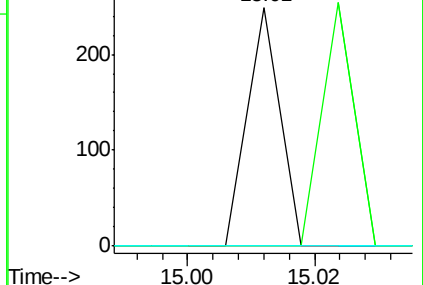
Tgt Ion:	184	Resp:	88
Ion Ratio	Lower	Upper	
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#

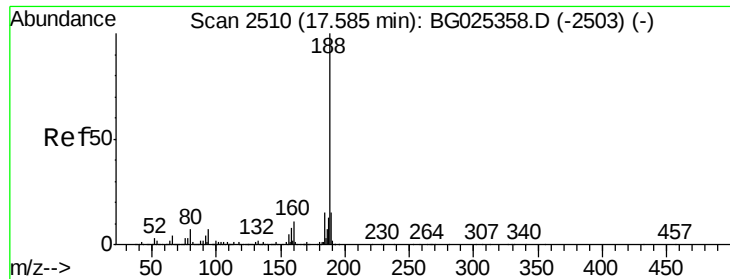


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

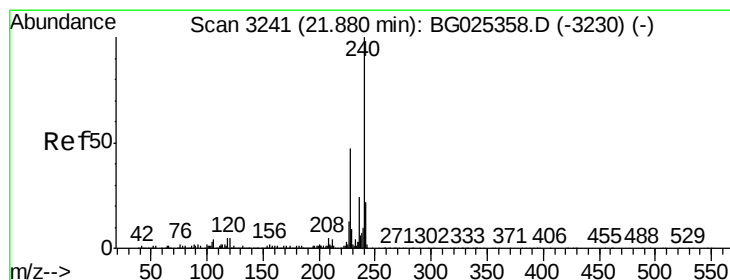
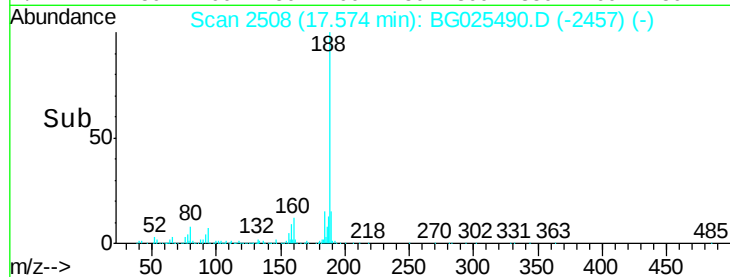
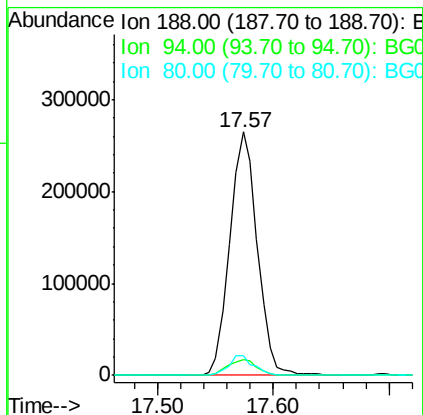
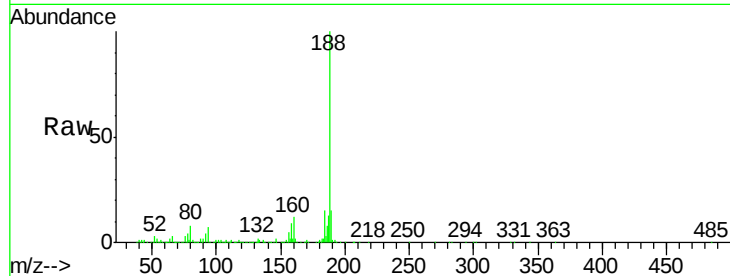




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG025490.D
Acq: 12 Jan 2017 20:14

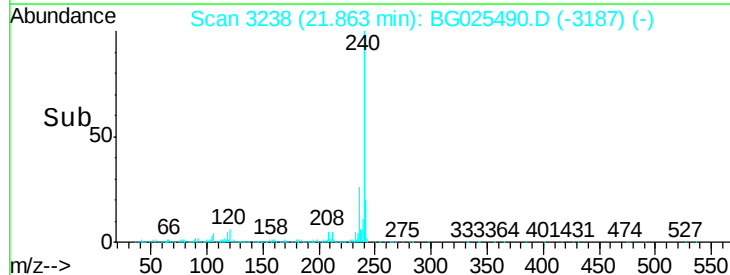
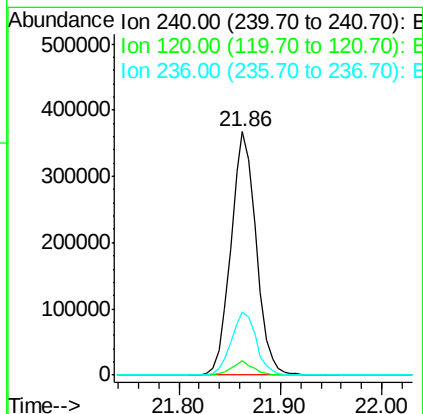
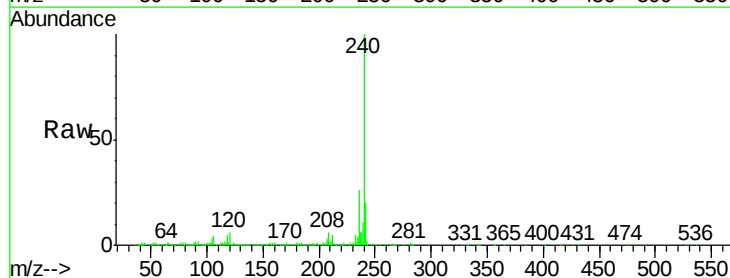
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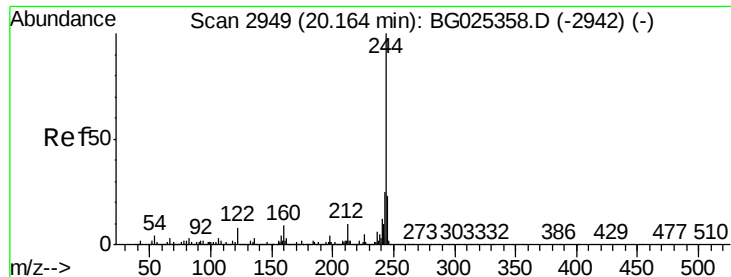
Tgt Ion:188 Resp: 436335
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 8.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG025490.D
Acq: 12 Jan 2017 20:14

Tgt Ion:240 Resp: 632186
Ion Ratio Lower Upper
240 100
120 5.9 5.7 8.5
236 26.1 22.2 33.4





#78

Terphenyl-d14

Concen: 51.94 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

Instrument :

BNA_G

ClientSampleId :

COMP-0022

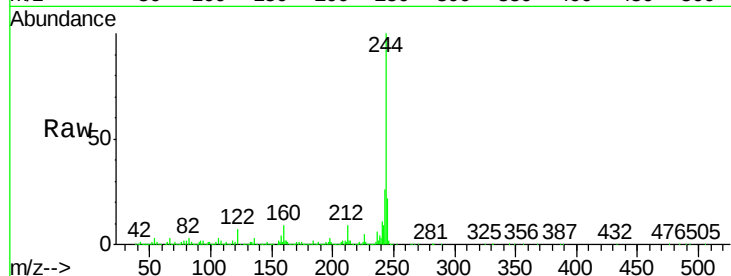
Tgt Ion:244 Resp: 1238501

Ion Ratio Lower Upper

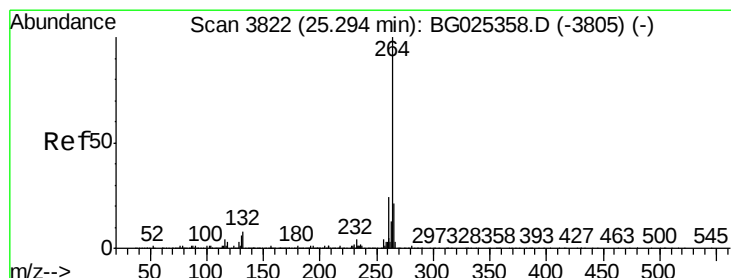
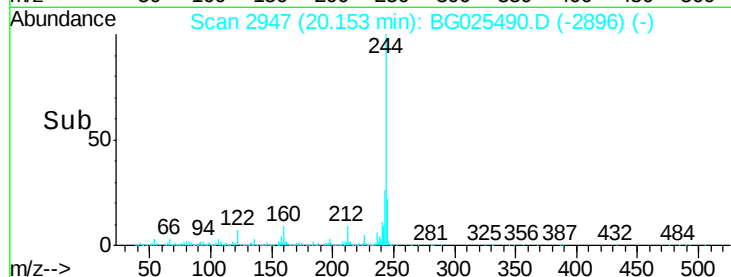
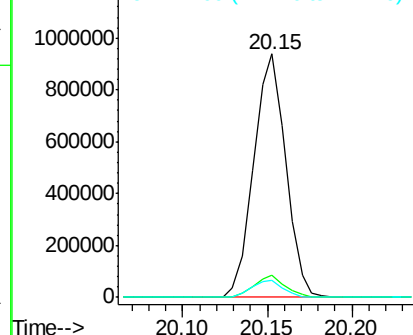
244 100

212 9.3 10.0 15.0#

122 6.9 8.6 12.8#



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: 25.26 min Scan# 3817

Delta R.T. -0.00 min

Lab File: BG025490.D

Acq: 12 Jan 2017 20:14

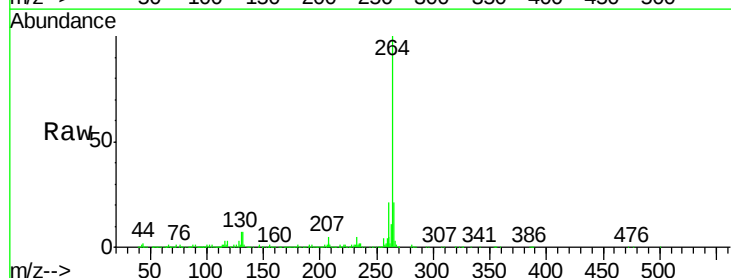
Tgt Ion:264 Resp: 685637

Ion Ratio Lower Upper

264 100

260 20.9 21.8 32.8#

265 21.0 18.2 27.4



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

