

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022584.D
 Acq On : 25 Jun 2016 21:26
 Operator : UM/SJ
 Sample : H3698-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-24

Quant Time: Jun 26 06:48:51 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

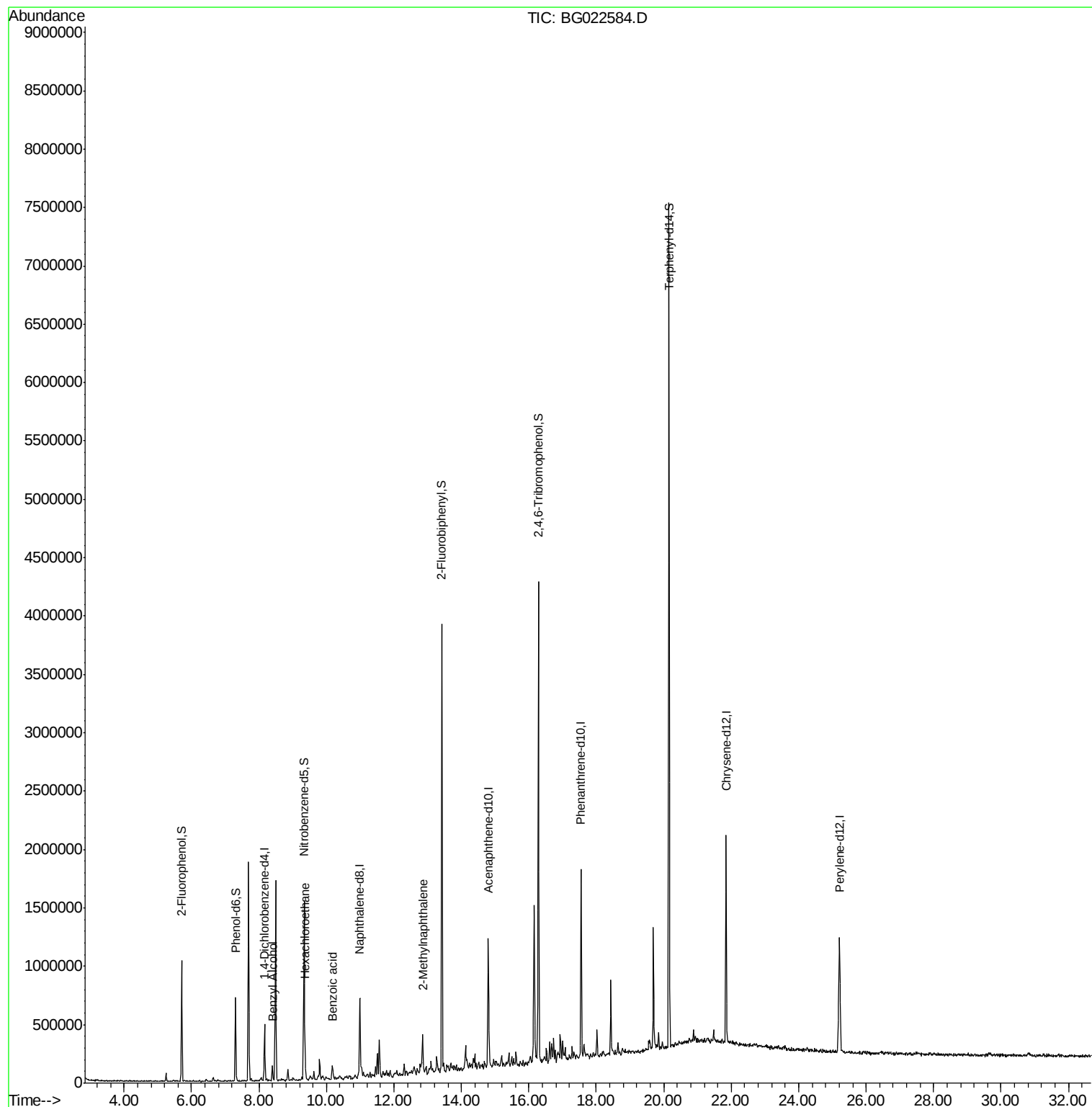
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	121549	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	526131	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	370628	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	957361	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1124583	20.00	ng	0.00
86) Perylene-d12	25.21	264	1159736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	411026	54.24	ng	0.00
7) Phenol-d6	7.30	99	392057	36.70	ng	0.00
23) Nitrobenzene-d5	9.34	82	964465	77.59	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	726498	124.63	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1837013	78.60	ng	0.00
78) Terphenyl-d14	20.16	244	2756500	64.94	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.40	79	53204	5.38	ng	Qvalue 90
18) Hexachloroethane	9.36	117	65697	16.57	ng	# 29
32) Benzoic acid	10.18	122	9453	6.48	ng	# 67
37) 2-Methylnaphthalene	12.85	142	120498	5.88	ng	99

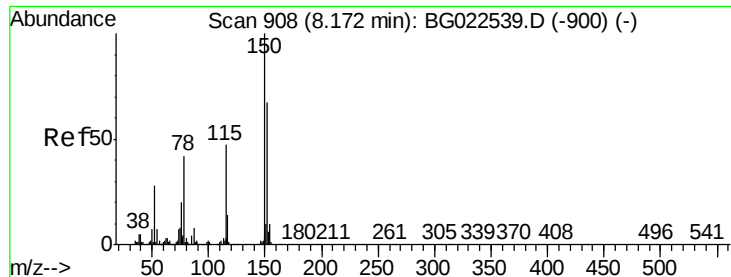
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022584.D

Acq: 25 Jun 2016 21:26

Instrument :

BNA_G

ClientSampleId :

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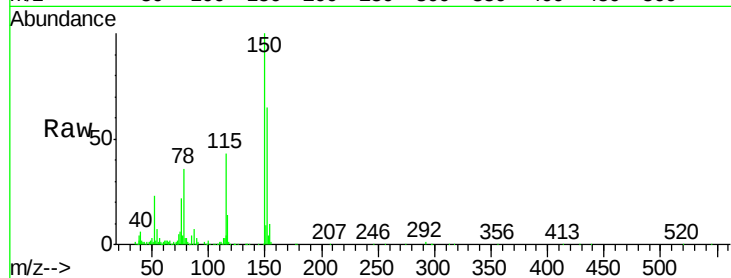
Tgt Ion:152 Resp: 121549

Ion Ratio Lower Upper

152 100

150 154.8 144.7 217.1

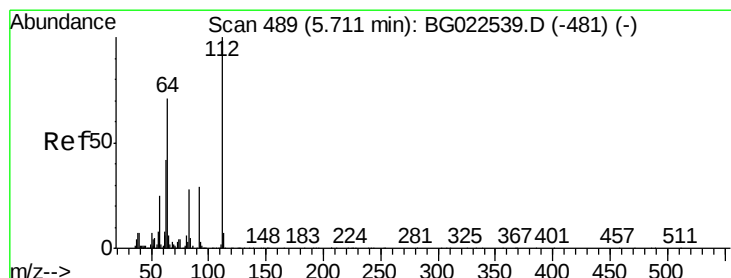
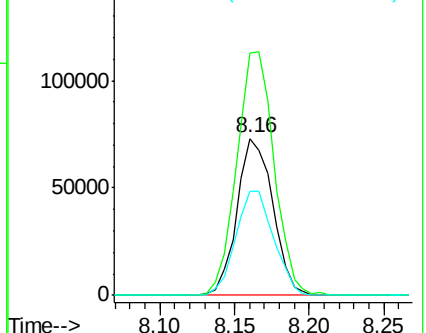
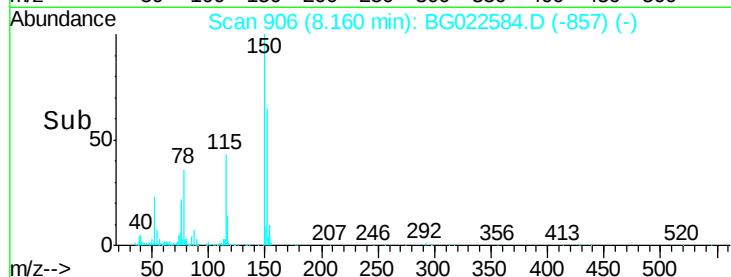
115 66.7 64.0 96.0



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



#5

2-Fluorophenol

Concen: 54.24 ng

RT: 5.70 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG022584.D

Acq: 25 Jun 2016 21:26

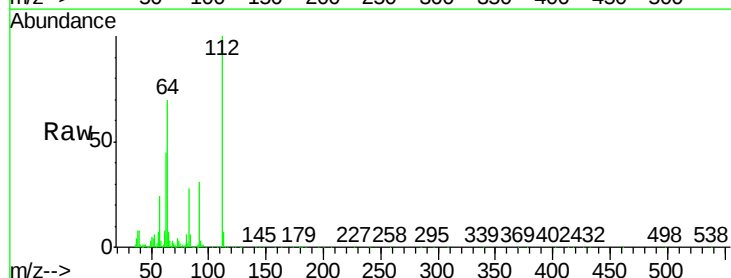
Tgt Ion:112 Resp: 411026

Ion Ratio Lower Upper

112 100

64 70.0 59.0 88.4

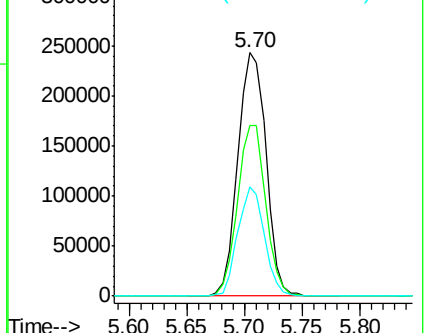
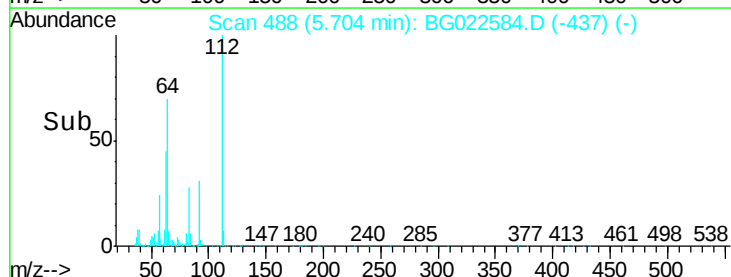
63 44.8 37.8 56.8

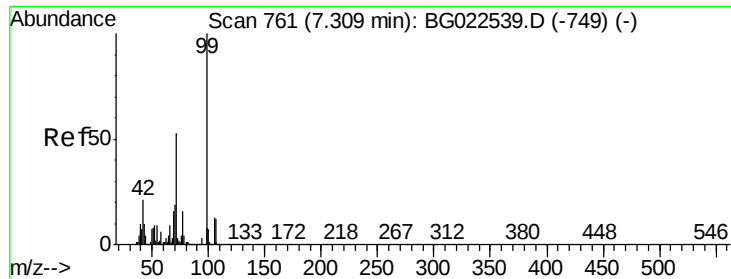


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 36.70 ng

RT: 7.30 min Scan# 760

Delta R.T. -0.00 min

Lab File: BG022584.D

Acq: 25 Jun 2016 21:26

Instrument :

BNA_G

ClientSampleId :

W-24

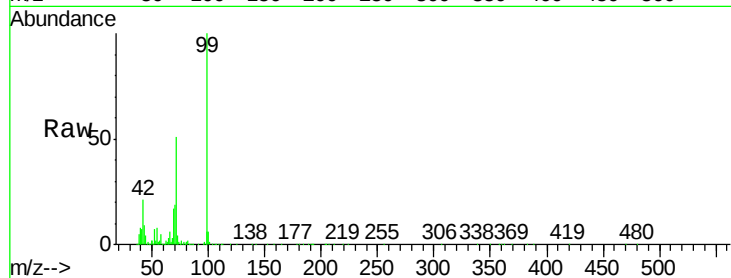
Tgt Ion: 99 Resp: 392057

Ion Ratio Lower Upper

99 100

42 20.6 17.8 26.6

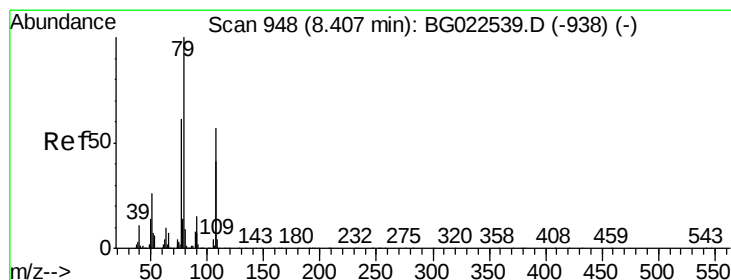
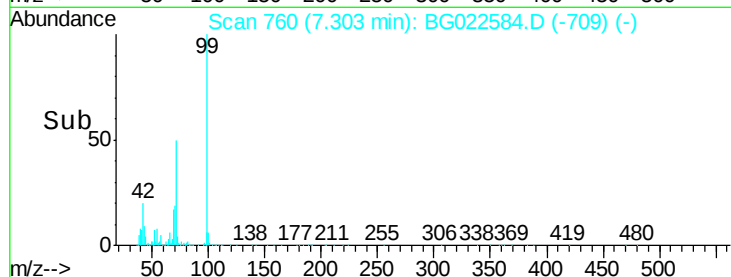
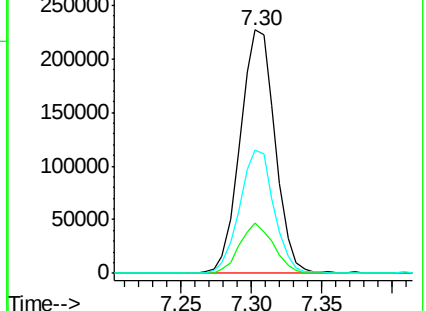
71 50.6 41.5 62.3



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



#15

Benzyl Alcohol

Concen: 5.38 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG022584.D

Acq: 25 Jun 2016 21:26

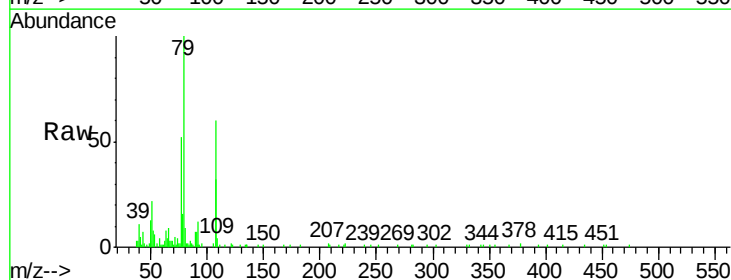
Tgt Ion: 79 Resp: 53204

Ion Ratio Lower Upper

79 100

108 60.2 46.5 69.7

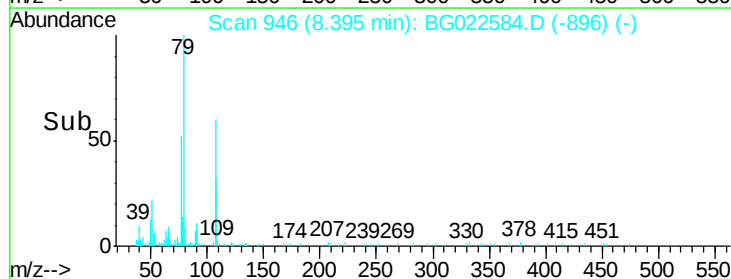
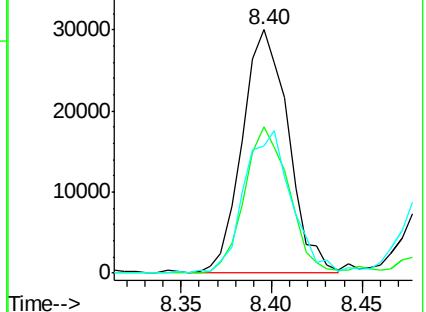
77 52.4 52.3 78.5

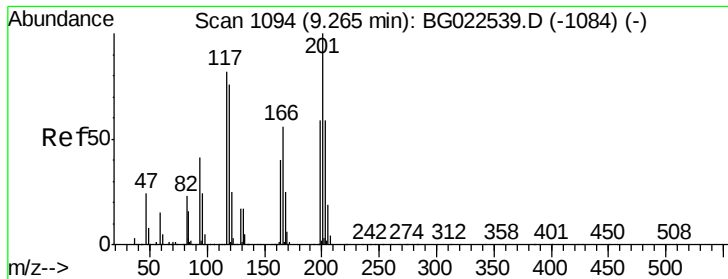


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#18

Hexachloroethane

Concen: 16.57 ng

RT: 9.36 min Scan# 1110

Delta R.T. 0.09 min

Lab File: BG022584.D

Acq: 25 Jun 2016 21:26

Instrument :

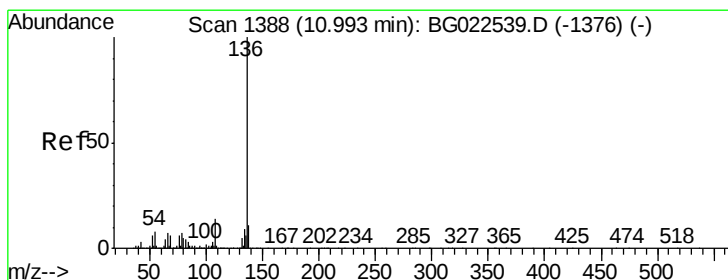
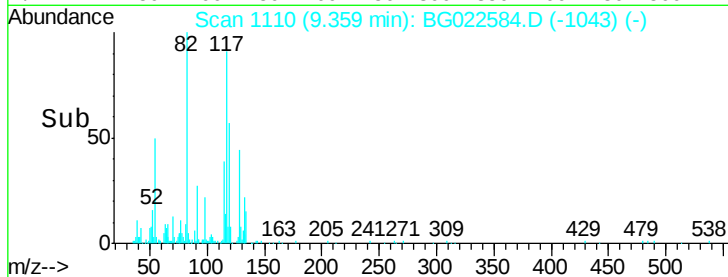
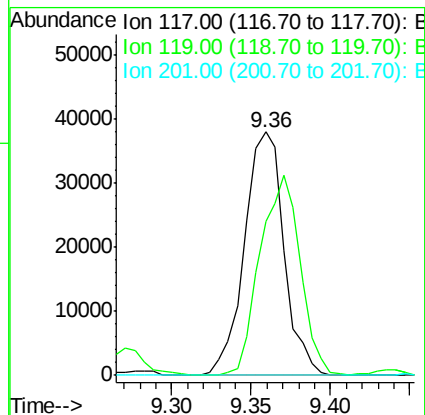
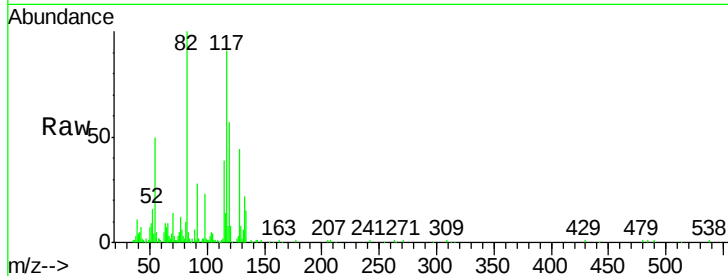
BNA_G

ClientSampleId :

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Tgt Ion:117 Resp: 65697

Ion	Ratio	Lower	Upper
117	100		
119	63.4	73.7	110.5#
201	0.0	88.7	133.1#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1387

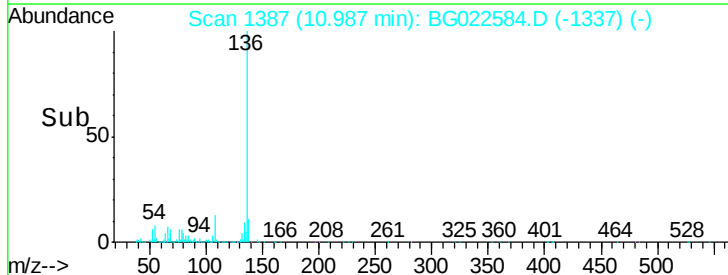
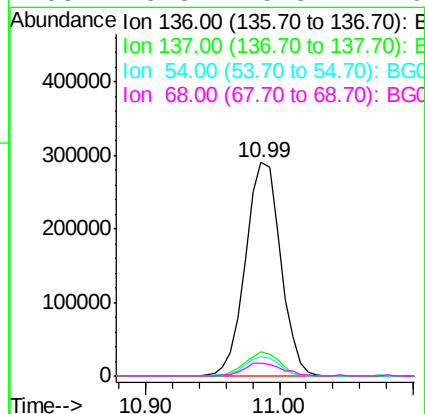
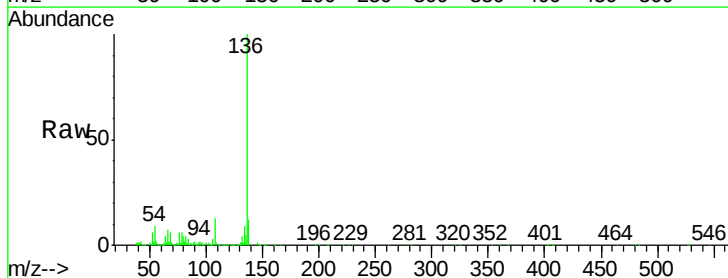
Delta R.T. -0.01 min

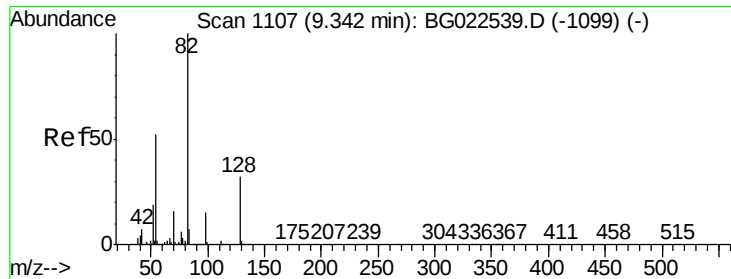
Lab File: BG022584.D

Acq: 25 Jun 2016 21:26

Tgt Ion:136 Resp: 526131

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	8.7	7.3	10.9
68	5.8	5.3	7.9

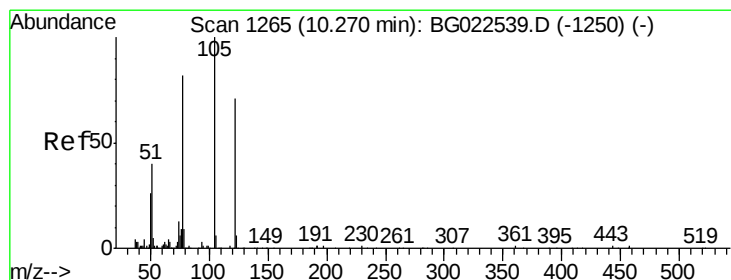
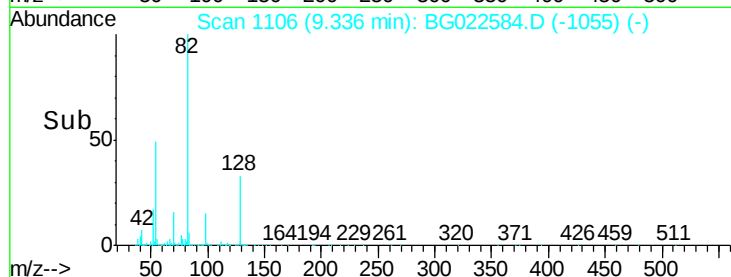
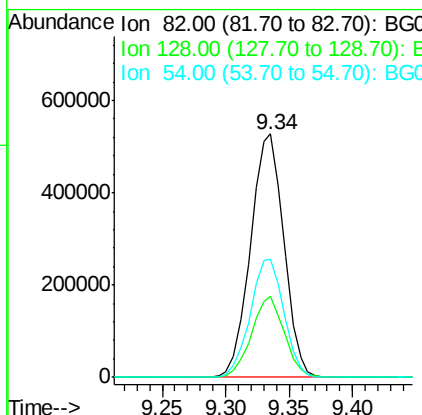
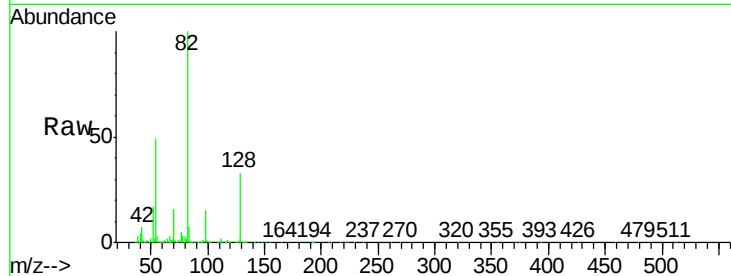




#23
Nitrobenzene-d5
Concen: 77.59 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022584.D
Acq: 25 Jun 2016 21:26

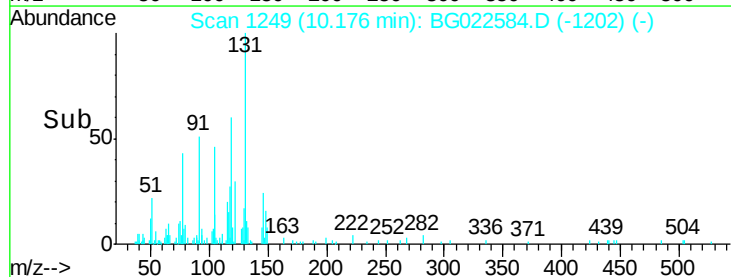
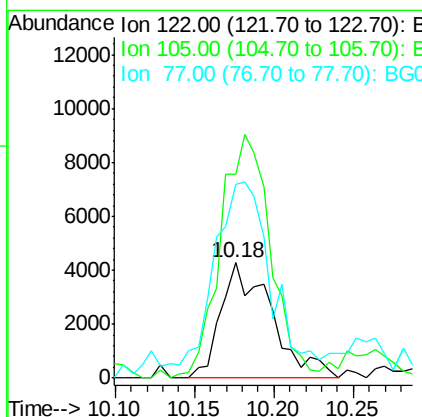
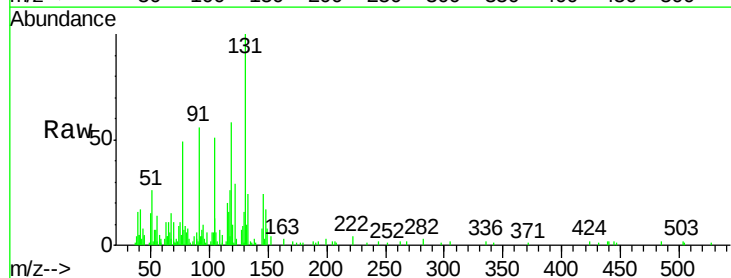
Instrument :
BNA_G
ClientSampleId :
W-24

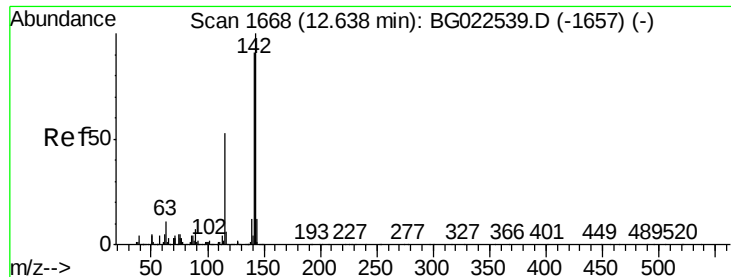
Tgt Ion: 82 Resp: 964465
Ion Ratio Lower Upper
82 100
128 33.1 24.4 36.6
54 48.6 41.4 62.0



#32
Benzoic acid
Concen: 6.48 ng
RT: 10.18 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BG022584.D
Acq: 25 Jun 2016 21:26

Tgt Ion: 122 Resp: 9453
Ion Ratio Lower Upper
122 100
105 176.8 117.2 157.2#
77 168.4 109.2 149.2#

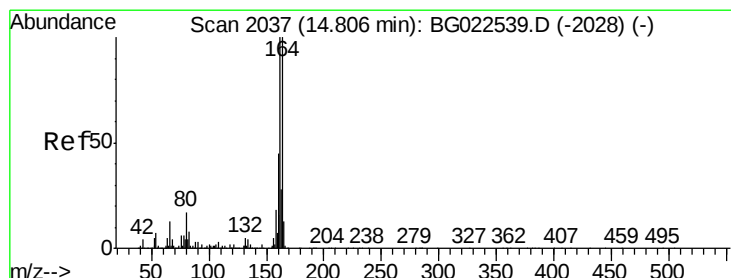
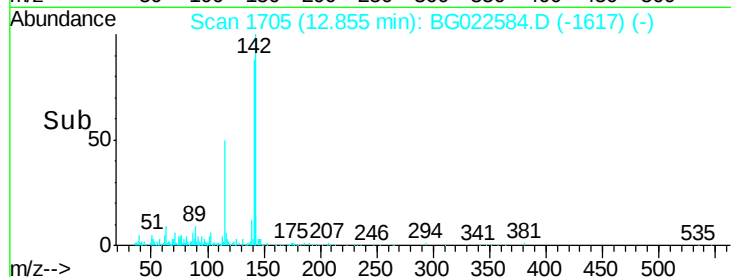
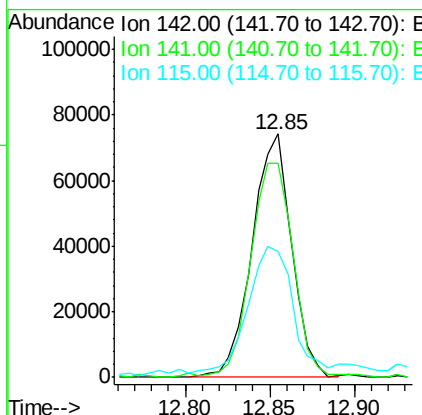
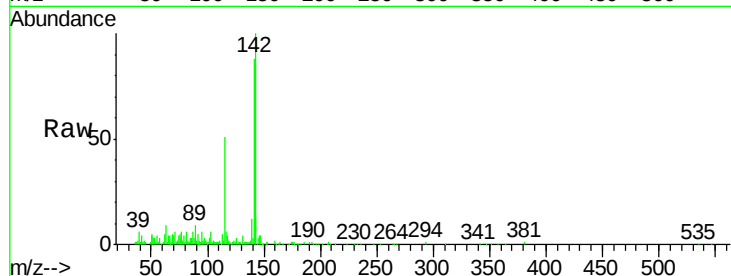




#37
 2-Methylnaphthalene
 Concen: 5.88 ng
 RT: 12.85 min Scan# 1705
 Delta R.T. 0.22 min
 Lab File: BG022584.D
 Acq: 25 Jun 2016 21:26

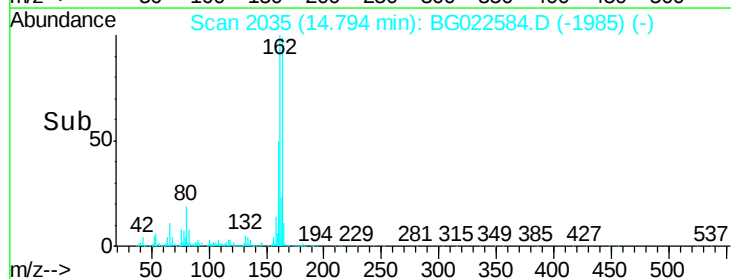
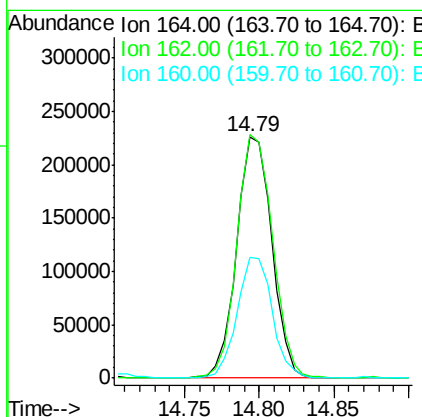
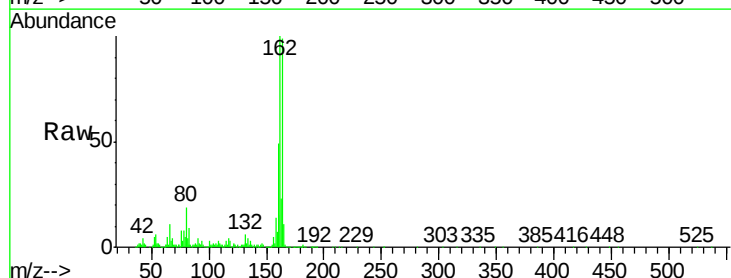
Instrument :
 BNA_G
 ClientSampleId :
 W-24

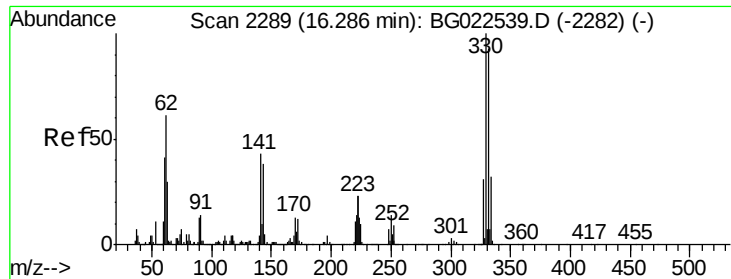
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.2
115	51.5	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG022584.D
 Acq: 25 Jun 2016 21:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	87.7	131.5
160	49.9	37.2	55.8

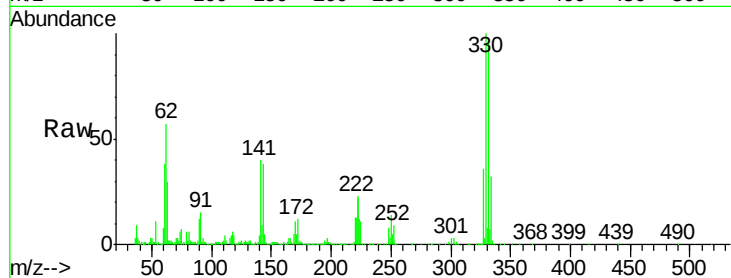




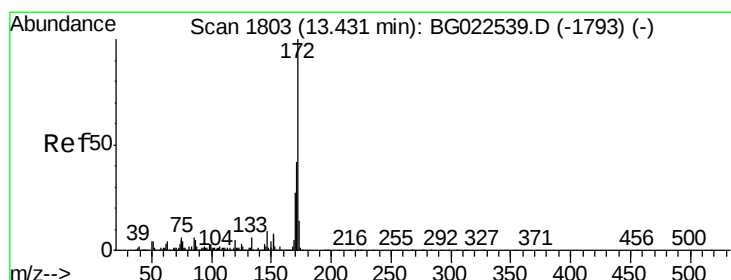
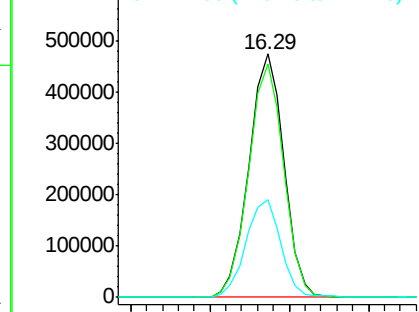
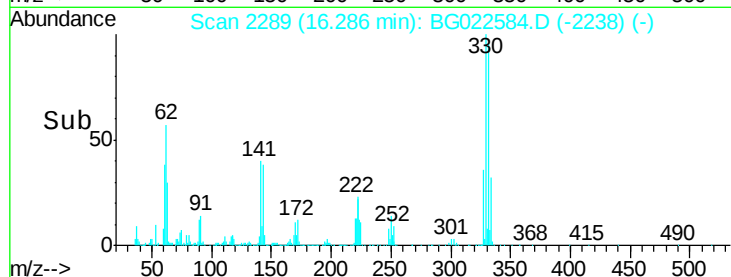
#41
 2,4,6-Tribromophenol
 Concen: 124.63 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BG022584.D
 Acq: 25 Jun 2016 21:26

Instrument :
 BNA_G
 ClientSampled :
 W-24

Tgt Ion:330 Resp: 726498
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 39.9 31.7 47.5

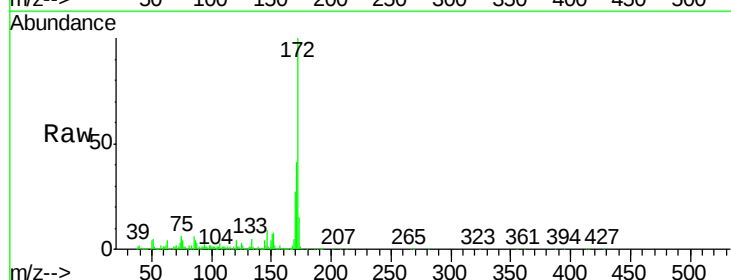


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

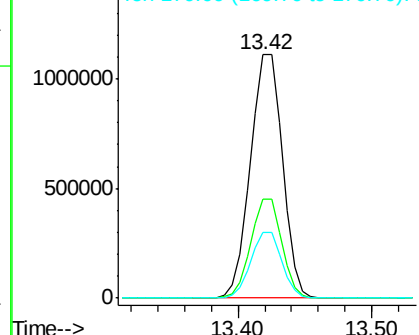
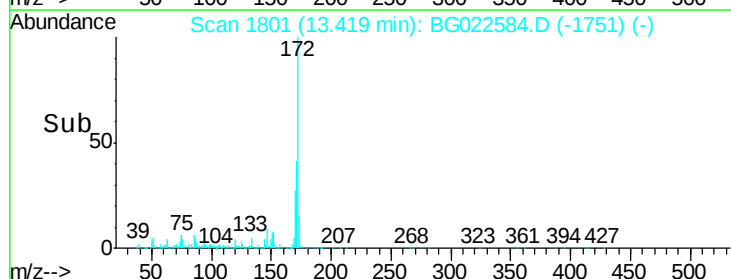


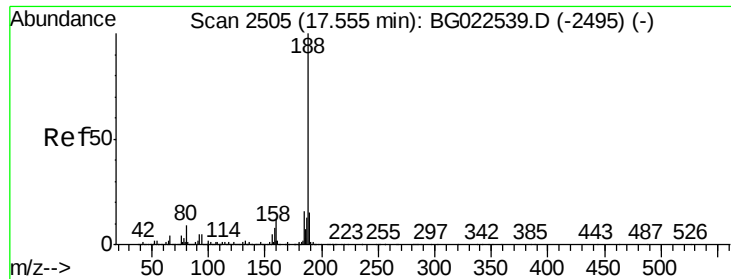
#44
 2-Fluorobiphenyl
 Concen: 78.60 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG022584.D
 Acq: 25 Jun 2016 21:26

Tgt Ion:172 Resp: 1837013
 Ion Ratio Lower Upper
 172 100
 171 40.8 31.6 47.4
 170 26.9 21.3 31.9



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

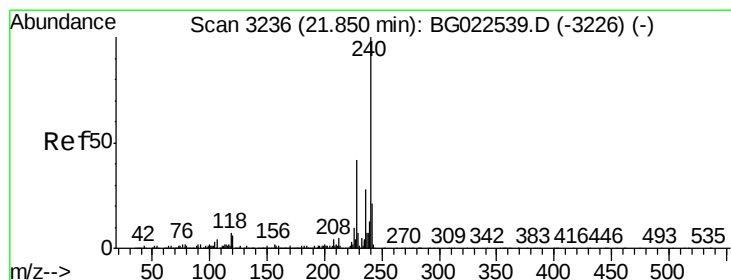
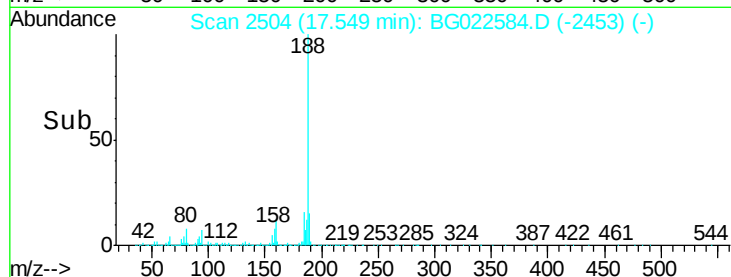
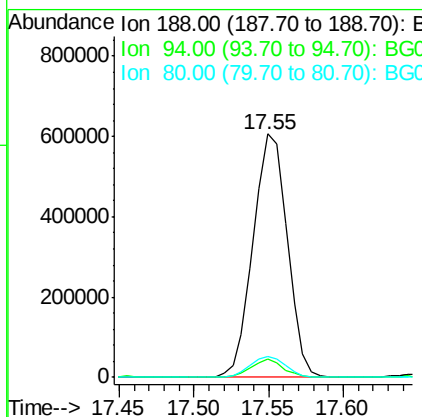
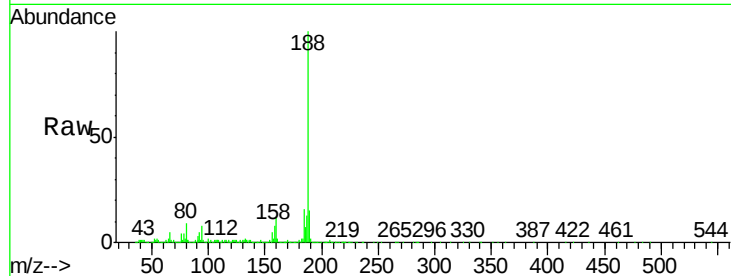




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG022584.D
Acq: 25 Jun 2016 21:26

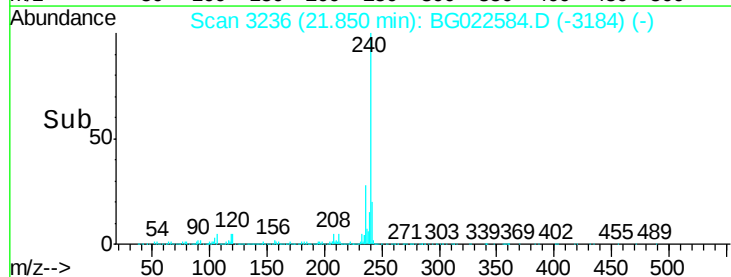
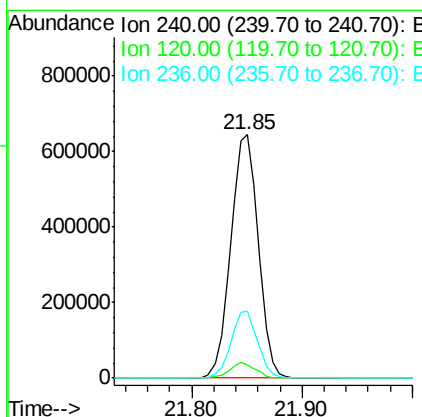
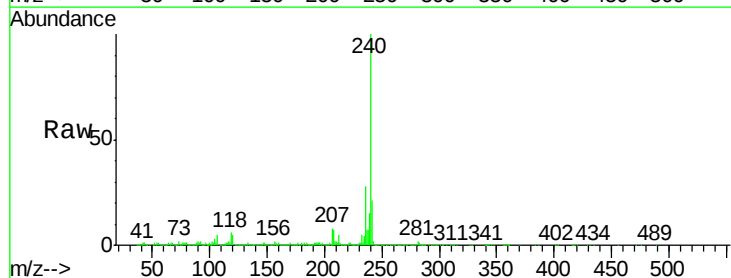
Instrument :
BNA_G
ClientSampleId :
W-24

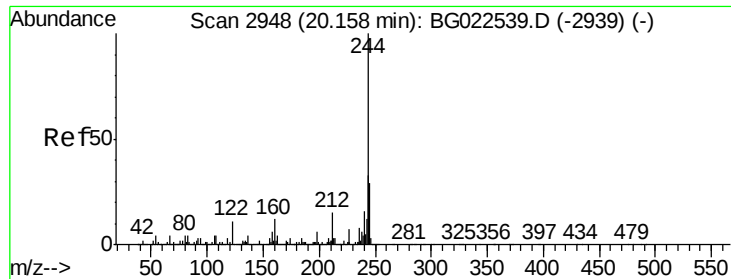
Tgt Ion:188 Resp: 957361
Ion Ratio Lower Upper
188 100
94 7.5 5.2 7.8
80 8.7 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022584.D
Acq: 25 Jun 2016 21:26

Tgt Ion:240 Resp: 1124583
Ion Ratio Lower Upper
240 100
120 5.3 4.1 6.1
236 27.8 21.1 31.7

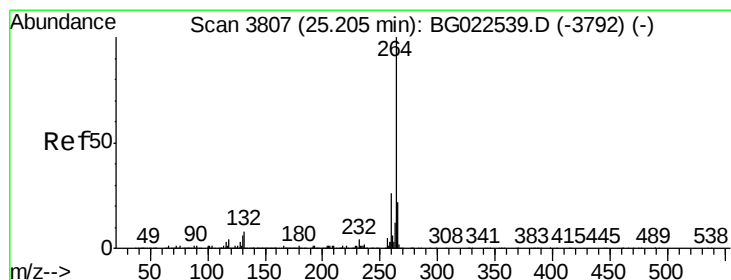
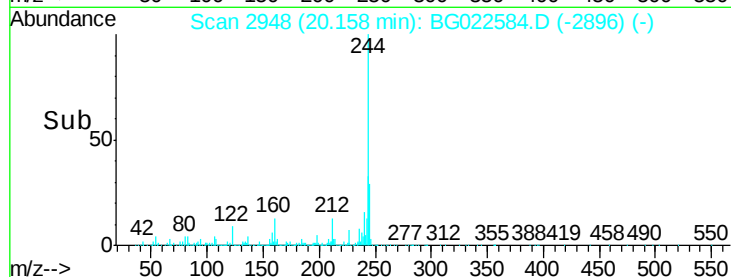
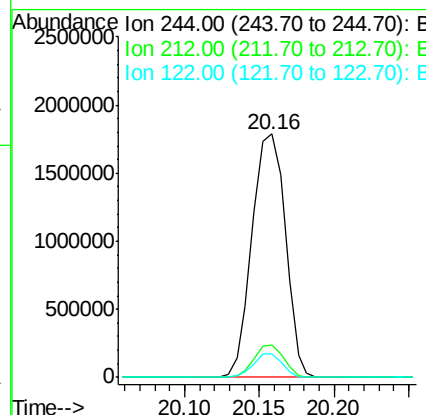
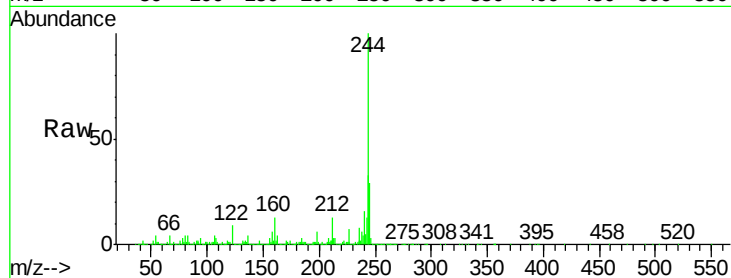




#78
 Terphenyl-d14
 Concen: 64.94 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.01 min
 Lab File: BG022584.D
 Acq: 25 Jun 2016 21:26

Instrument :
 BNA_G
 ClientSampleId :
 W-24

Tgt Ion:244 Resp: 2756500
 Ion Ratio Lower Upper
 244 100
 212 13.3 10.8 16.2
 122 9.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3808
 Delta R.T. 0.01 min
 Lab File: BG022584.D
 Acq: 25 Jun 2016 21:26

Tgt Ion:264 Resp: 1159736
 Ion Ratio Lower Upper
 264 100
 260 25.7 18.4 27.6
 265 22.2 18.9 28.3

