

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022574.D
 Acq On : 25 Jun 2016 14:46
 Operator : UM/SJ
 Sample : PB91578BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BL

Quant Time: Jun 27 01:34:44 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	8.17	152	124066	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	530187	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	374220	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1025755	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1177826	20.00	ng	0.00
86) Perylene-d12	25.21	264	1175968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	588590	76.09	ng	0.00
7) Phenol-d6	7.31	99	886994	81.35	ng	0.00
23) Nitrobenzene-d5	9.33	82	888298	70.91	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	488352	82.97	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1759729	74.57	ng	0.00
78) Terphenyl-d14	20.16	244	2903093	65.30	ng	0.00

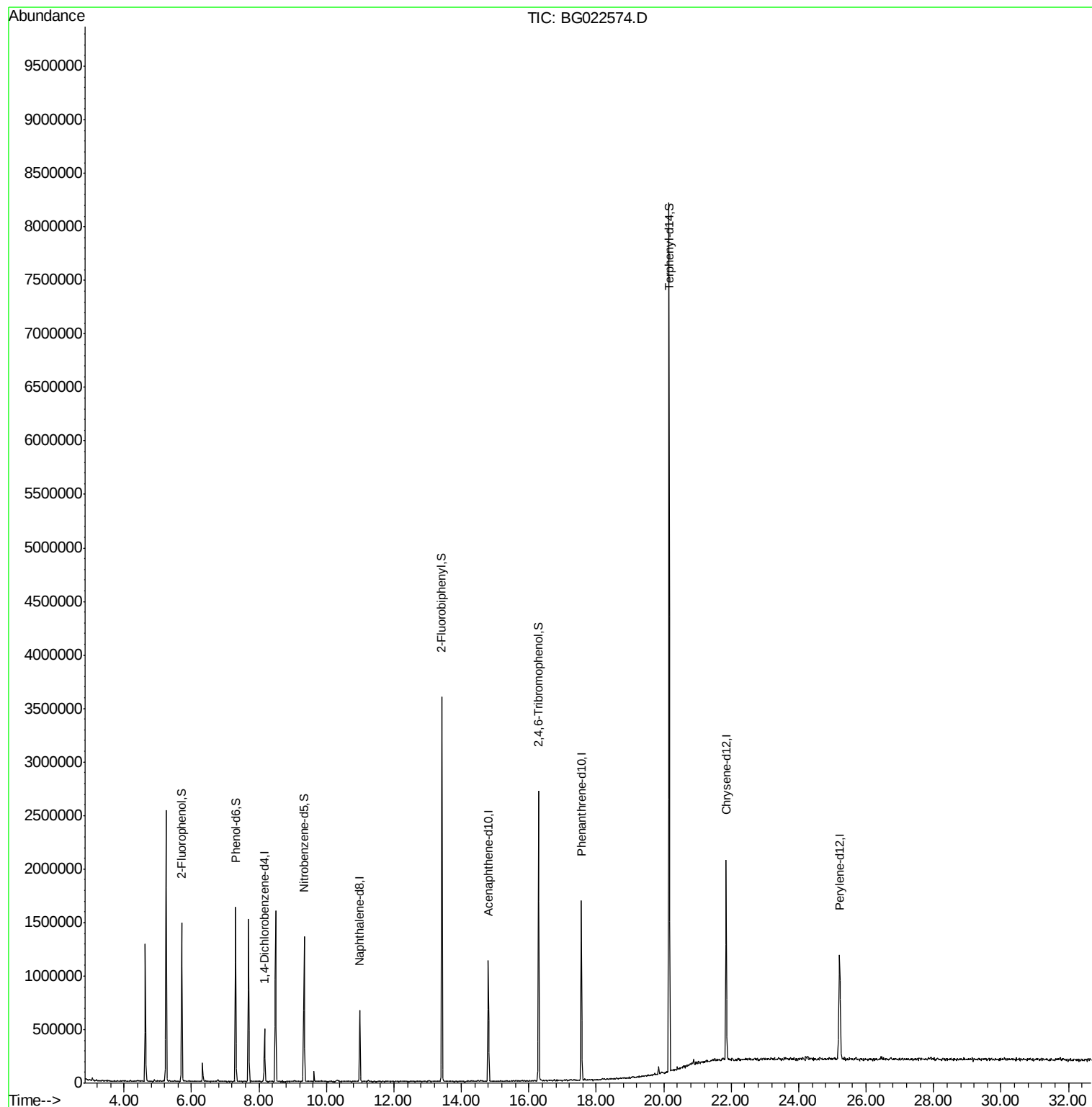
Target Compounds	Qvalue
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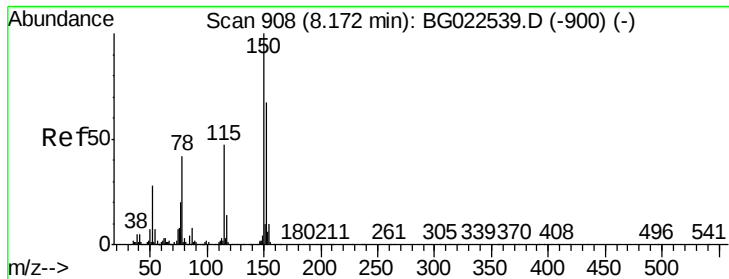
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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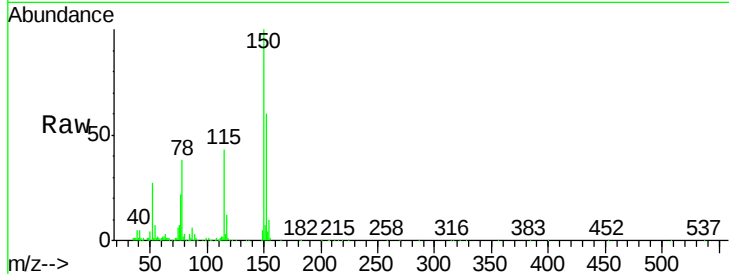


#1

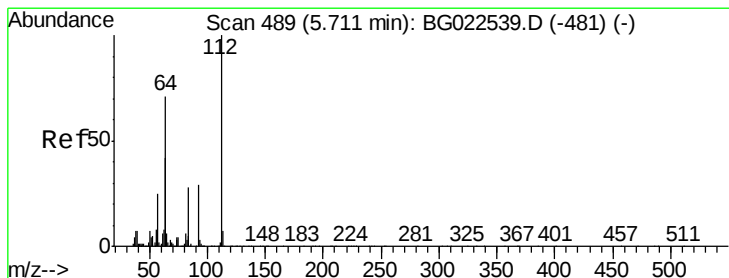
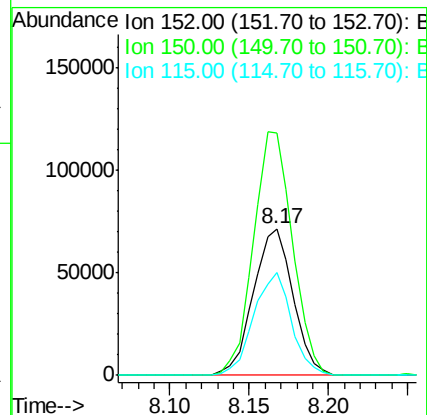
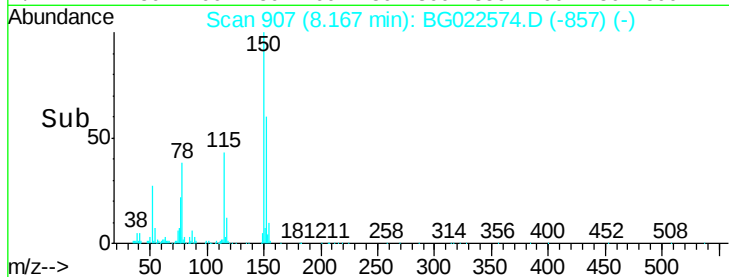
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG022574.D
Acq: 25 Jun 2016 14:46

Instrument :
BNA_G
ClientSampleId :
PB91578BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	165.6	144.7	217.1
115	70.5	64.0	96.0



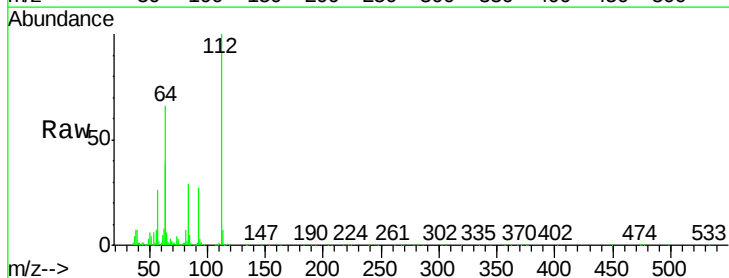
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



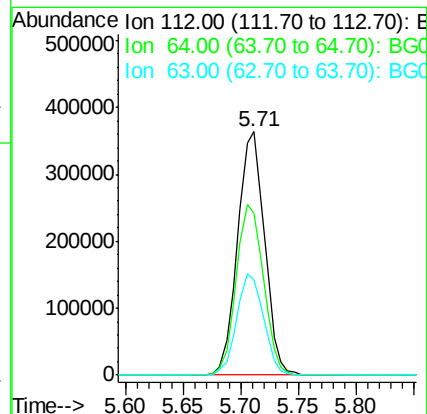
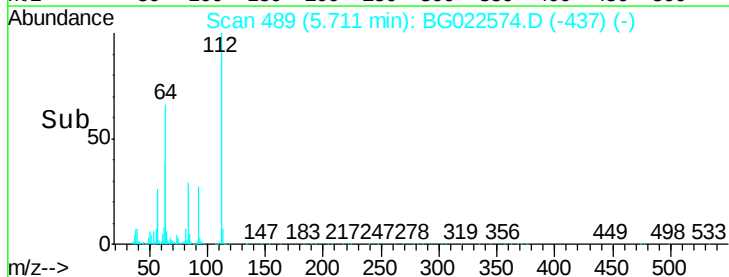
#5

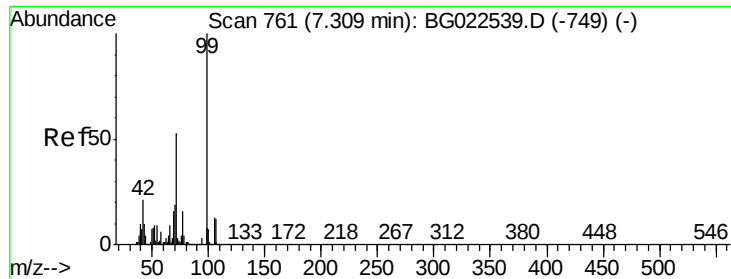
2-Fluorophenol
Concen: 76.09 ng
RT: 5.71 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG022574.D
Acq: 25 Jun 2016 14:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	59.0	88.4
63	39.3	37.8	56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 81.35 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022574.D

Acq: 25 Jun 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB91578BL

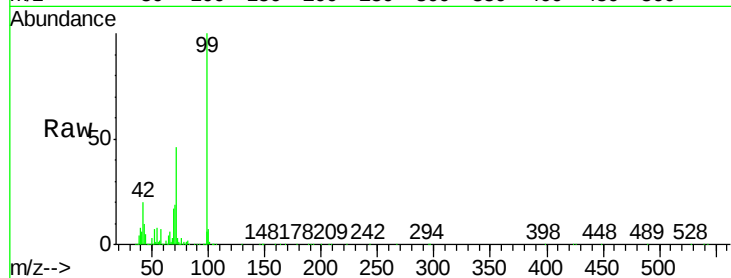
Tgt Ion: 99 Resp: 886994

Ion Ratio Lower Upper

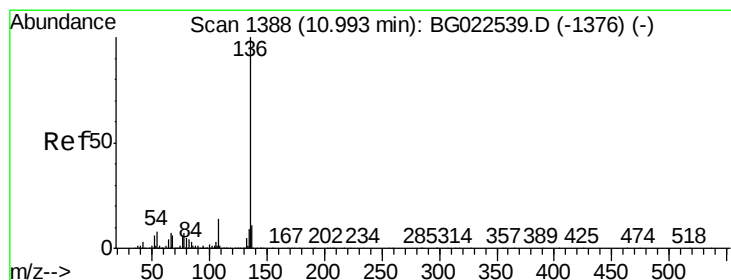
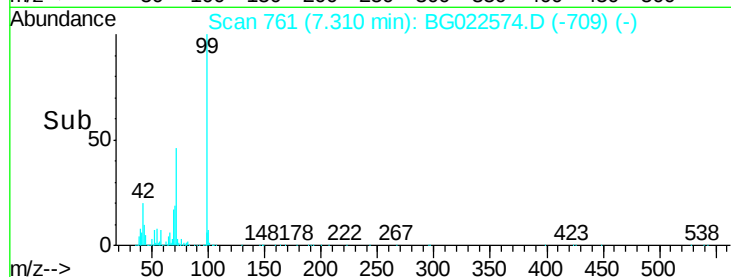
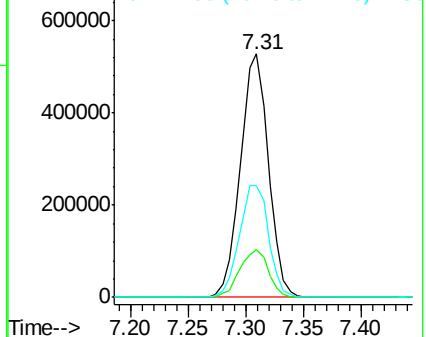
99 100

42 19.8 17.8 26.6

71 45.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG022574.D

Acq: 25 Jun 2016 14:46

Tgt Ion: 136 Resp: 530187

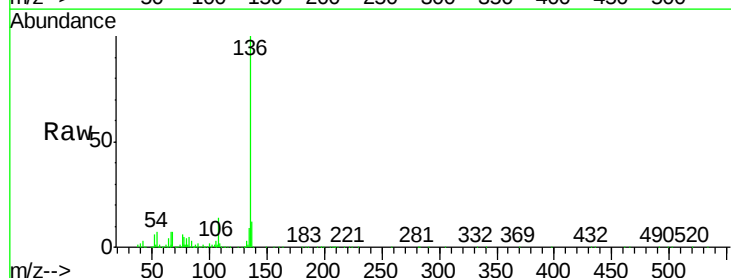
Ion Ratio Lower Upper

136 100

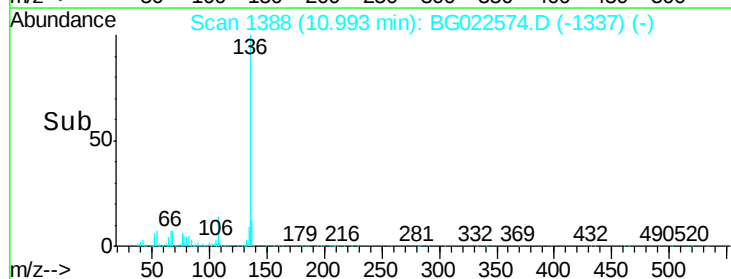
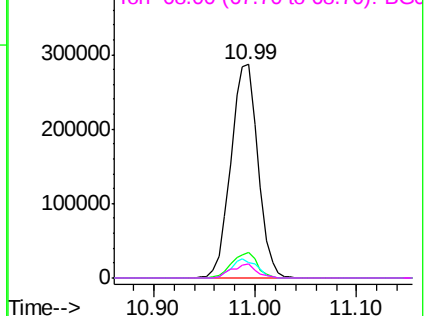
137 12.1 9.6 14.4

54 7.0 7.3 10.9#

68 6.7 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

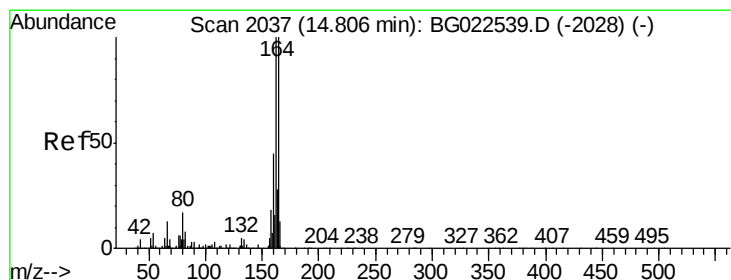
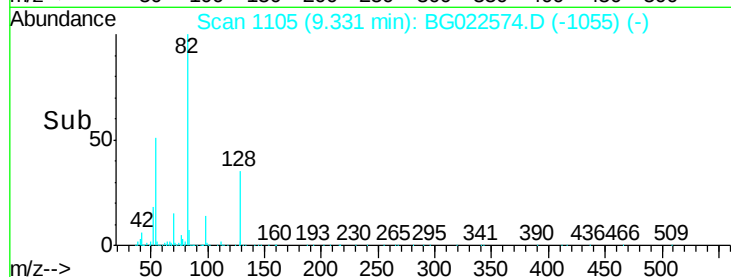
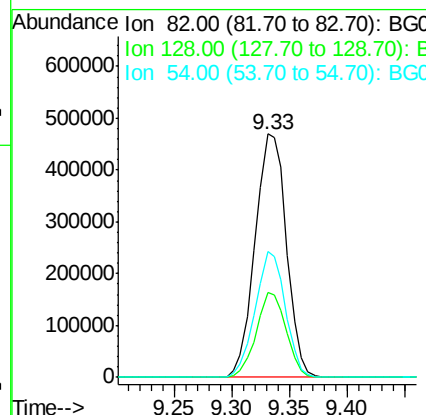
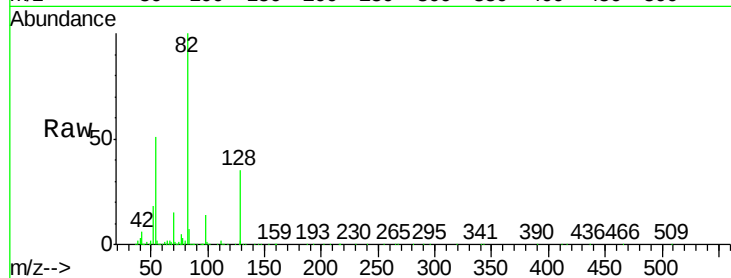




#23
Nitrobenzene-d5
Concen: 70.91 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG022574.D
Acq: 25 Jun 2016 14:46

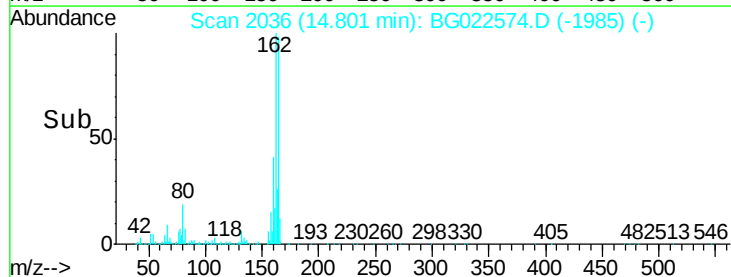
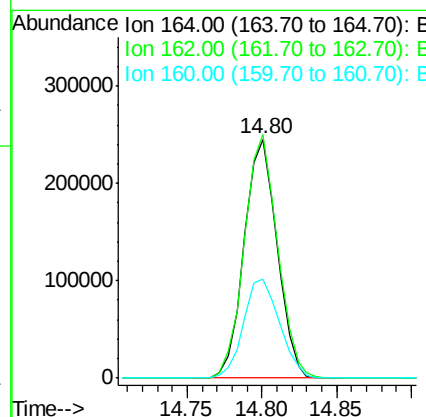
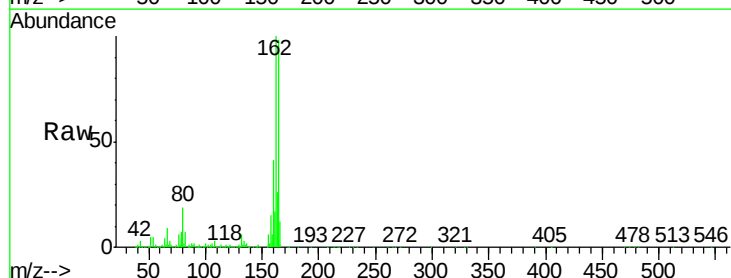
Instrument :
BNA_G
ClientSampleId :
PB91578BL

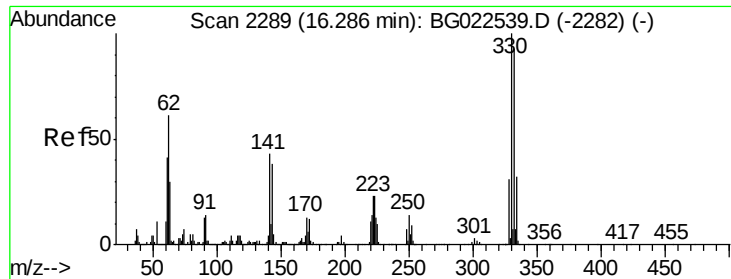
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.7	24.4	36.6
54	51.5	41.4	62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022574.D
Acq: 25 Jun 2016 14:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	87.7	131.5
160	41.5	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 82.97 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022574.D

Acq: 25 Jun 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB91578BL

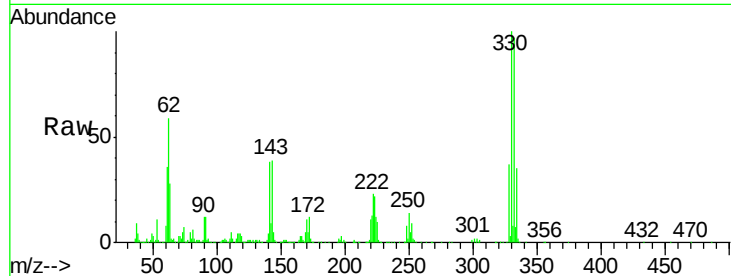
Tgt Ion:330 Resp: 488352

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

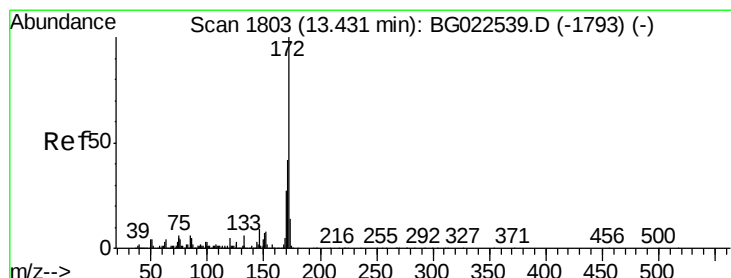
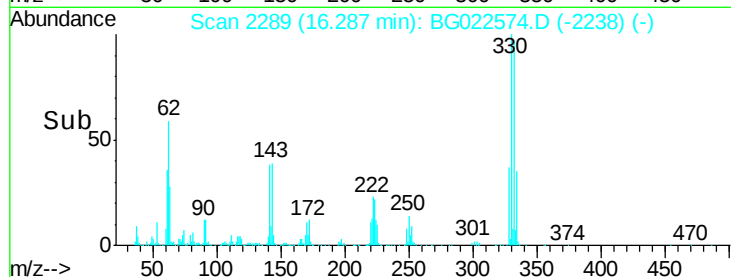
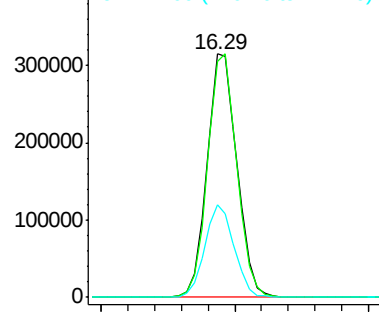
141 37.3 31.7 47.5



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: 74.57 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG022574.D

Acq: 25 Jun 2016 14:46

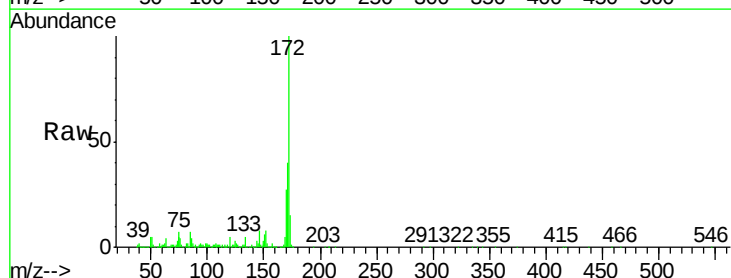
Tgt Ion:172 Resp: 1759729

Ion Ratio Lower Upper

172 100

171 40.1 31.6 47.4

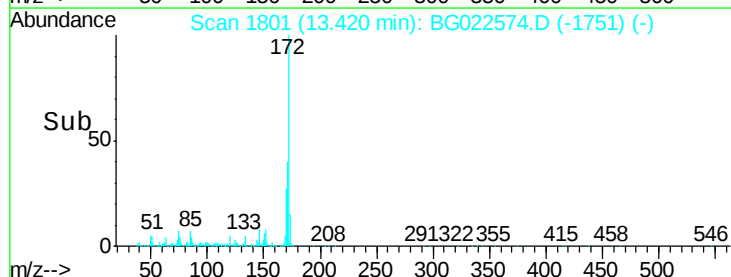
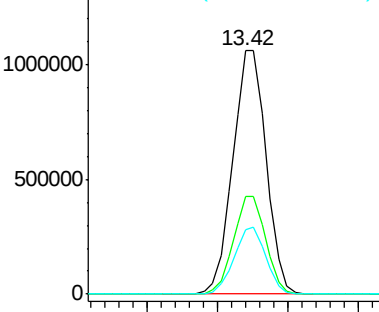
170 26.6 21.3 31.9

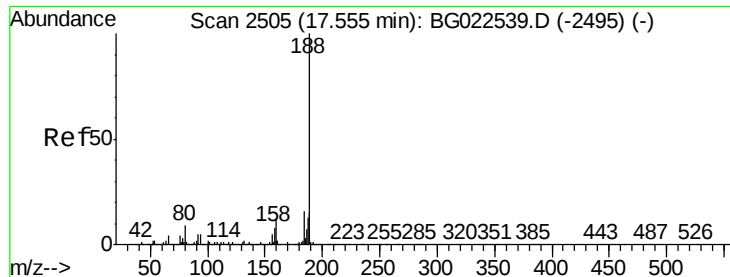


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

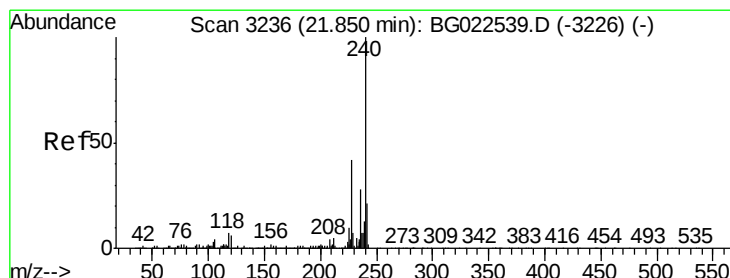
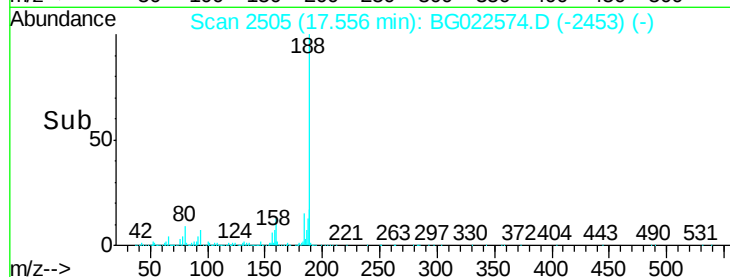
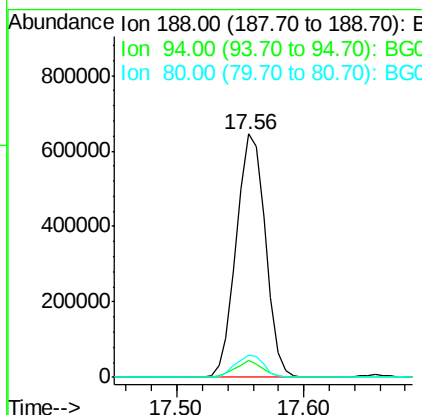
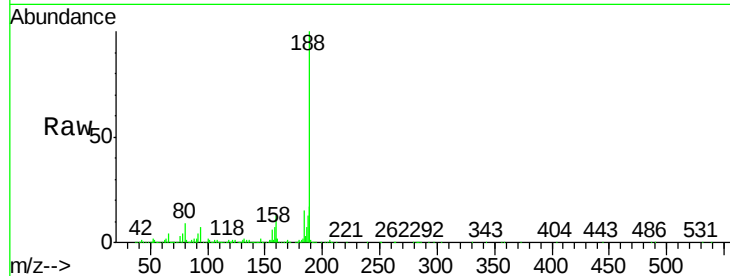




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022574.D
Acq: 25 Jun 2016 14:46

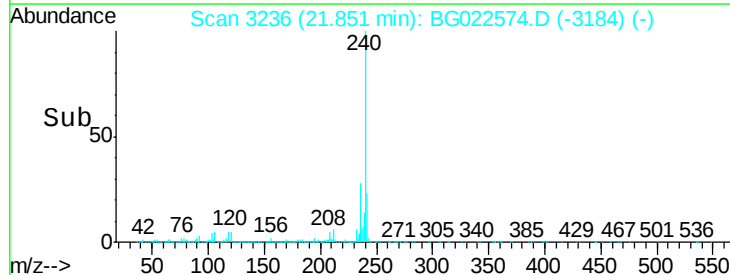
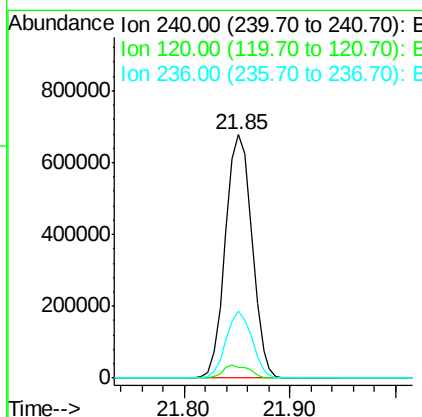
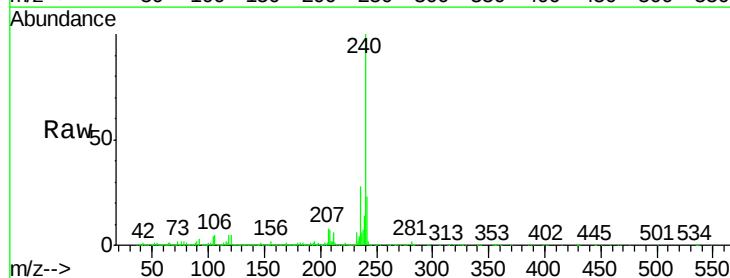
Instrument :
BNA_G
ClientSampleId :
PB91578BL

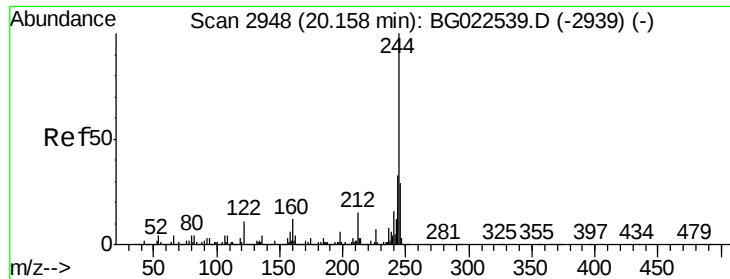
Tgt Ion:188 Resp: 1025755
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 8.9 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3236
Delta R.T. 0.01 min
Lab File: BG022574.D
Acq: 25 Jun 2016 14:46

Tgt Ion:240 Resp: 1177826
Ion Ratio Lower Upper
240 100
120 4.6 4.1 6.1
236 27.6 21.1 31.7





#78

Terphenyl-d14

Concen: 65.30 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022574.D

Acq: 25 Jun 2016 14:46

Instrument :

BNA_G

ClientSampleId :

PB91578BL

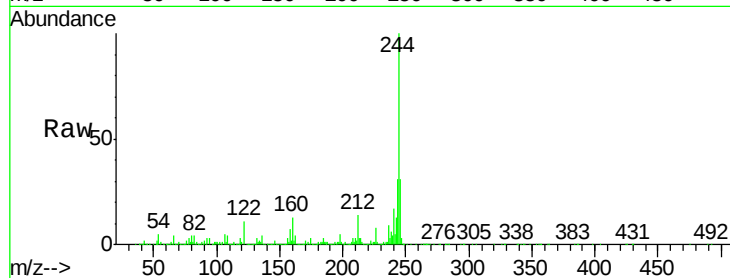
Tgt Ion:244 Resp: 2903093

Ion Ratio Lower Upper

244 100

212 14.1 10.8 16.2

122 11.2 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

2500000

2000000

1500000

1000000

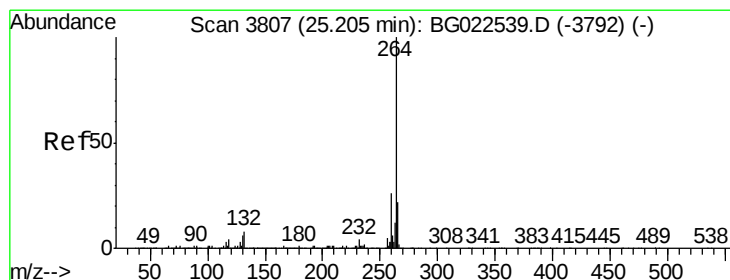
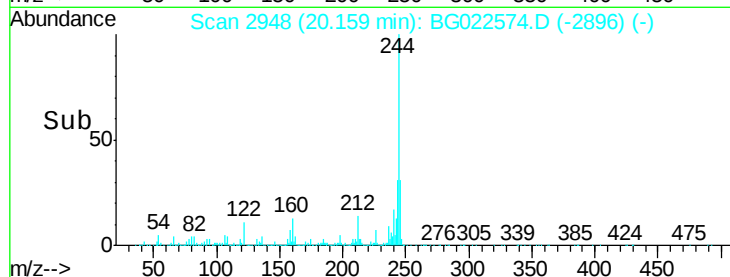
500000

0

20.16

20.10 20.20 20.30

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3808

Delta R.T. 0.01 min

Lab File: BG022574.D

Acq: 25 Jun 2016 14:46

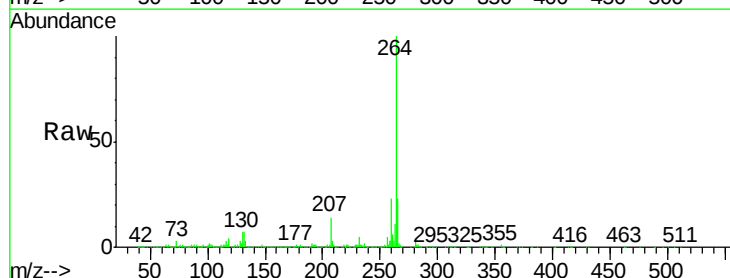
Tgt Ion:264 Resp: 1175968

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 22.9 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

500000

400000

300000

200000

100000

0

25.21

25.10 25.20 25.30

Time-->

