

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011117\
 Data File : BG025475.D
 Acq On : 11 Jan 2017 16:00
 Operator : UM/SJ
 Sample : I1098-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP3-COMP13

Quant Time: Jan 11 17:29:31 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	8.20	152	61523	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	244541	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	193563	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	440138	20.00	ng	0.00
75) Chrysene-d12	21.86	240	637231	20.00	ng	0.00
86) Perylene-d12	25.26	264	638863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	527647	155.89	ng	0.00
7) Phenol-d6	7.36	99	676168	141.85	ng	0.00
23) Nitrobenzene-d5	9.39	82	590874	106.74	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	444587	142.67	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1237809	103.53	ng	0.00
78) Terphenyl-d14	20.15	244	2364235	98.37	ng	0.00

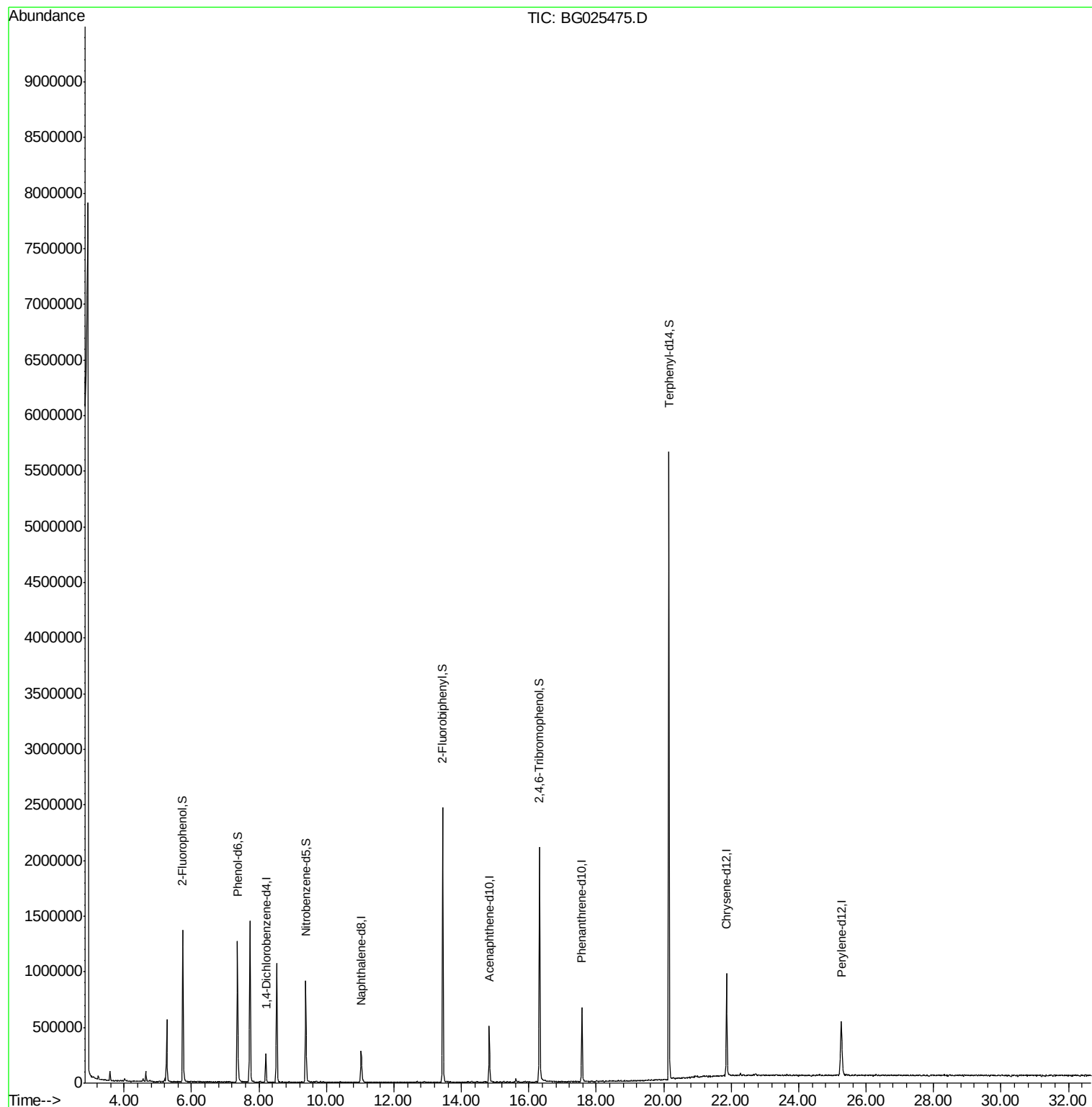
Target Compounds Qvalue

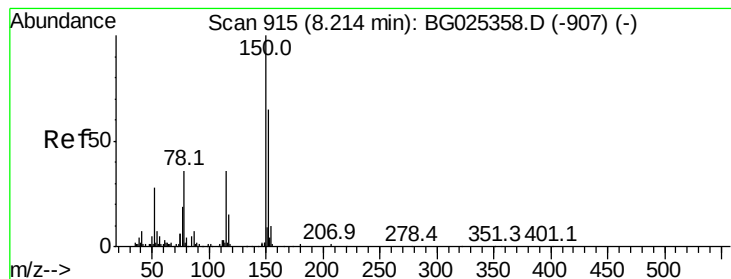
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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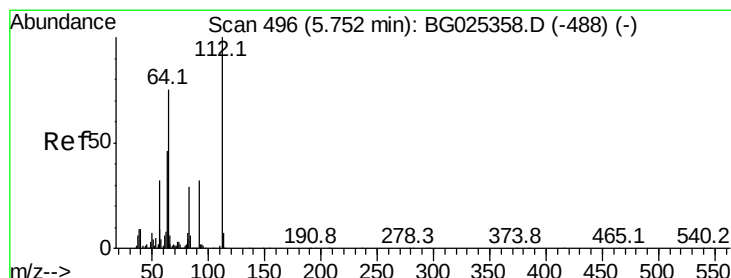
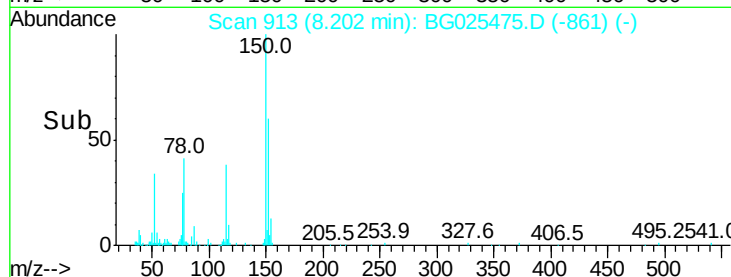
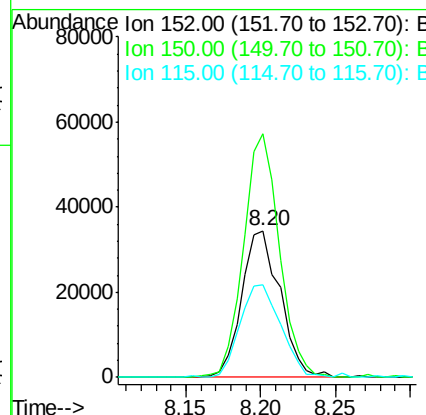
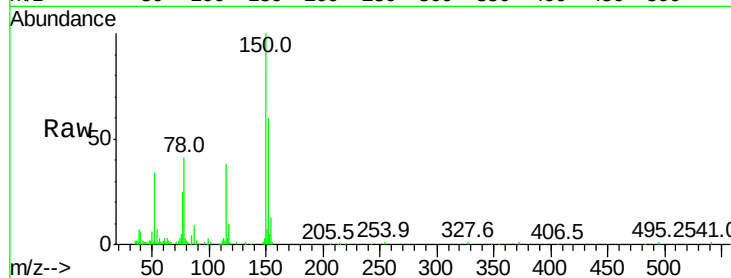


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG025475.D
Acq: 11 Jan 2017 16:00

Instrument :
BNA_G
ClientSampleId :
TP3-COMP13

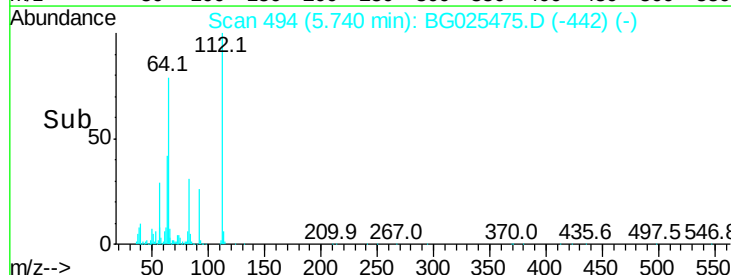
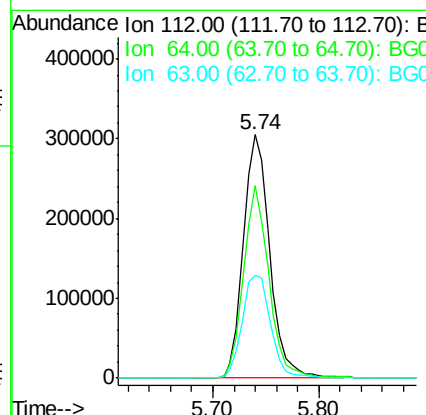
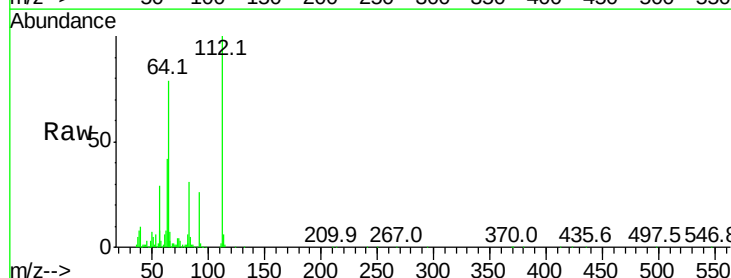
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.2	114.0	171.0
115	63.5	48.1	72.1

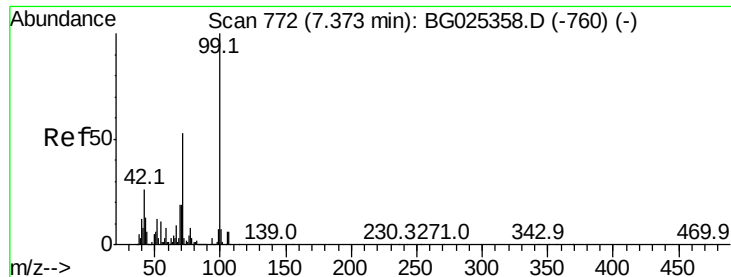


#5

2-Fluorophenol
Concen: 155.89 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.00 min
Lab File: BG025475.D
Acq: 11 Jan 2017 16:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	79.3	61.8	92.6
63	42.4	37.2	55.8





#7

Phenol-d6

Concen: 141.85 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

Instrument :

BNA_G

ClientSampleId :

TP3-COMP13

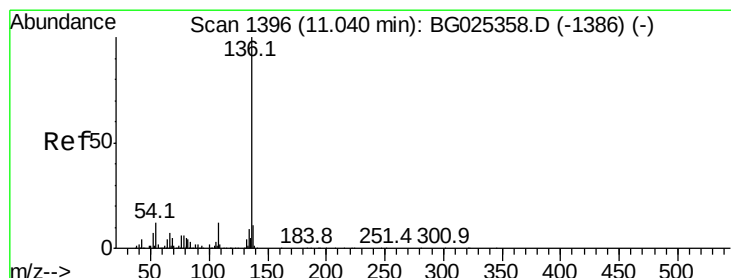
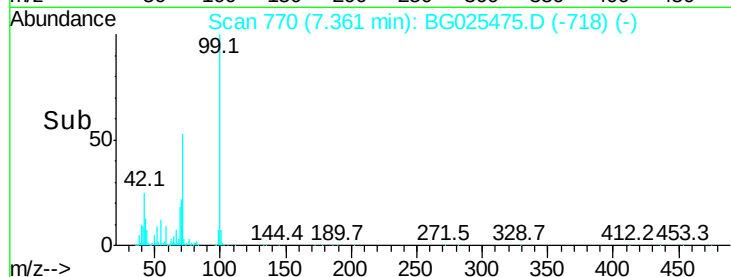
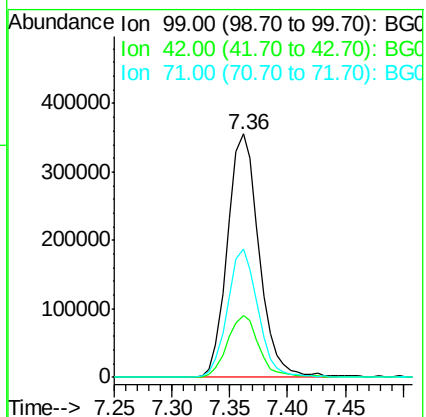
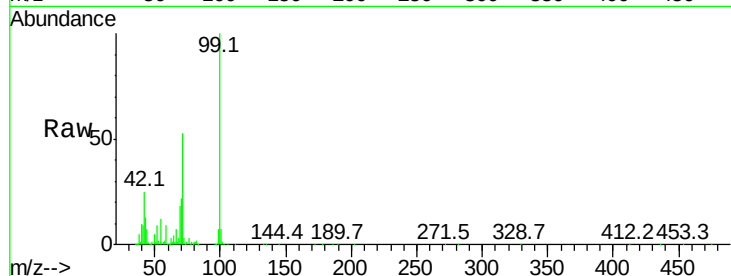
Tot Ion: 99 Resp: 676168

Ion Ratio Lower Upper

99 100

42 25.3 20.5 30.7

71 53.0 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

Tgt Ion: 136 Resp: 244541

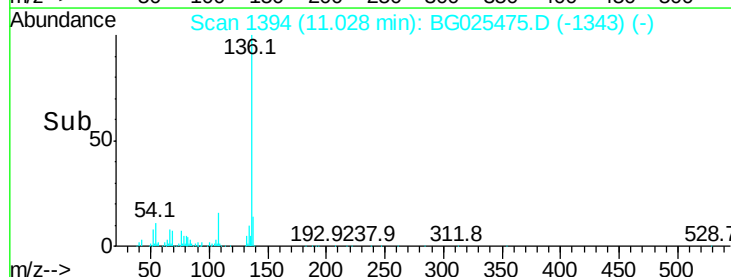
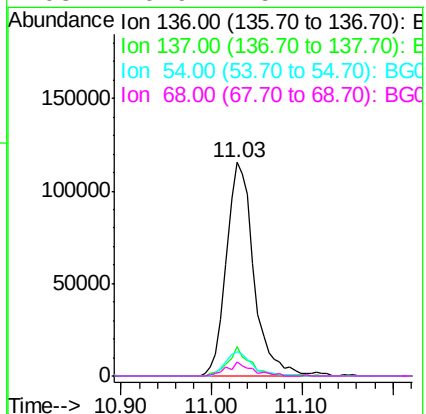
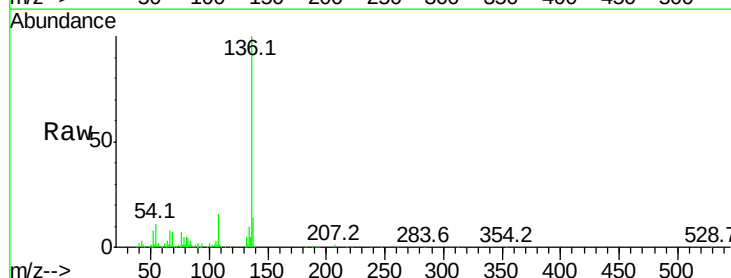
Ion Ratio Lower Upper

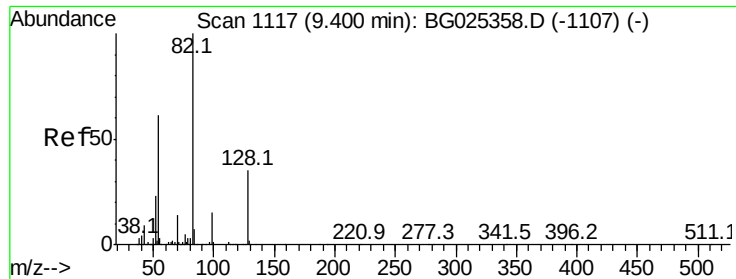
136 100

137 13.7 8.9 13.3#

54 11.4 9.3 13.9

68 6.9 5.1 7.7

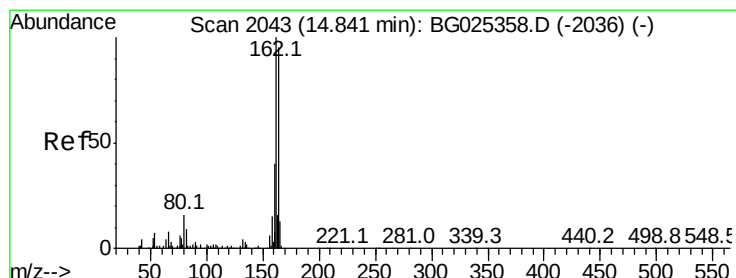
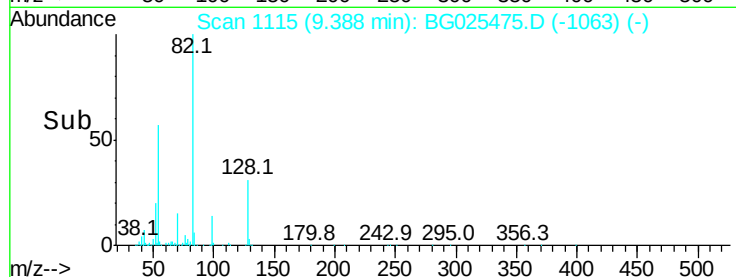
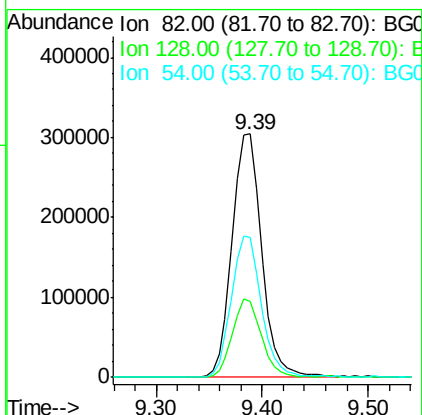
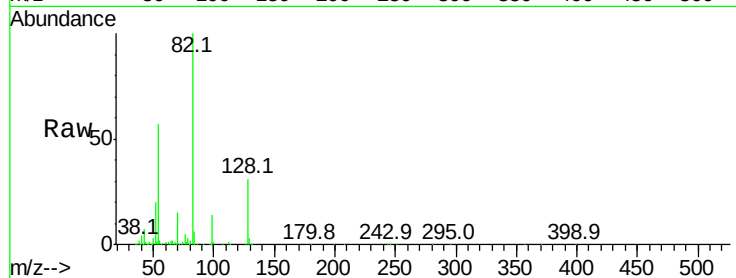




#23
 Nitrobenzene-d5
 Concen: 106.74 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BG025475.D
 Acq: 11 Jan 2017 16:00

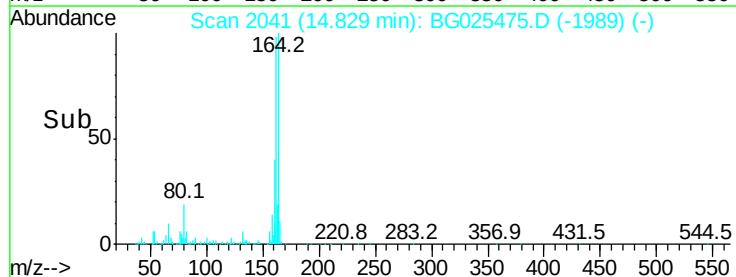
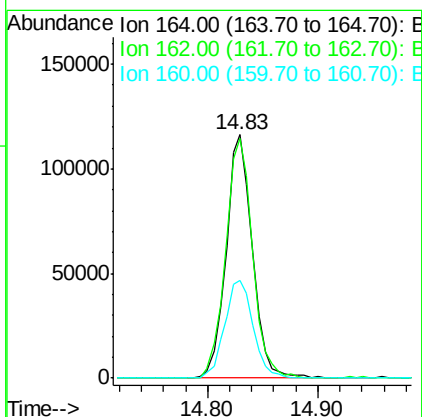
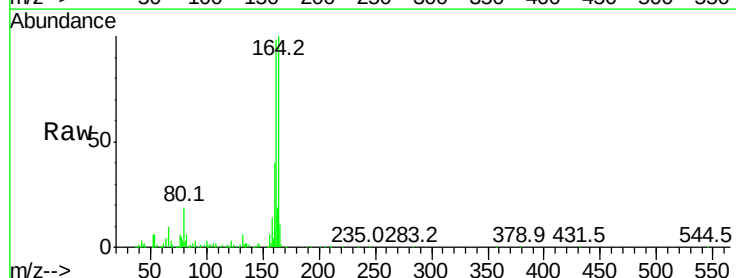
Instrument :
 BNA_G
 ClientSampleId :
 TP3-COMP13

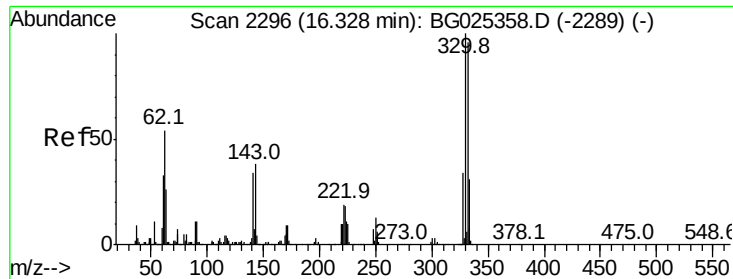
Tot Ion	82	Resp	590874
Ion Ratio	100	Lower	Upper
128	30.9	26.4	39.6
54	57.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BG025475.D
 Acq: 11 Jan 2017 16:00

Tgt Ion	164	Resp	193563
Ion Ratio	100	Lower	Upper
162	98.2	85.1	127.7
160	40.1	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 142.67 ng

RT: 16.32 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

Instrument :

BNA_G

ClientSampleId :

TP3-COMP13

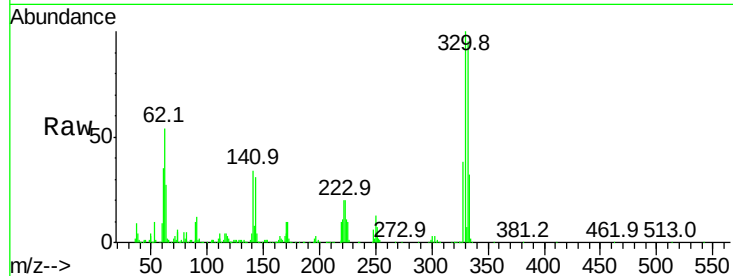
Tot Ion:330 Resp: 444587

Ion Ratio Lower Upper

330 100

332 98.5 77.3 115.9

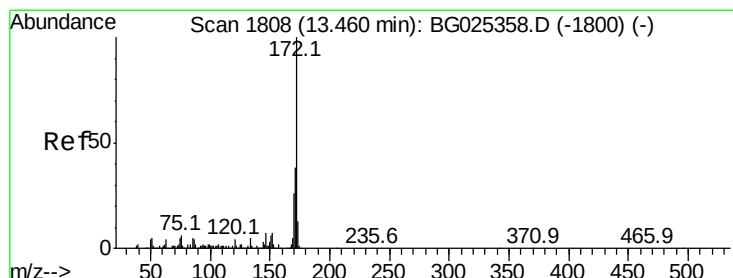
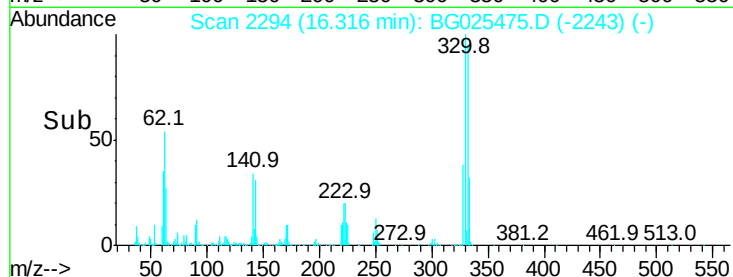
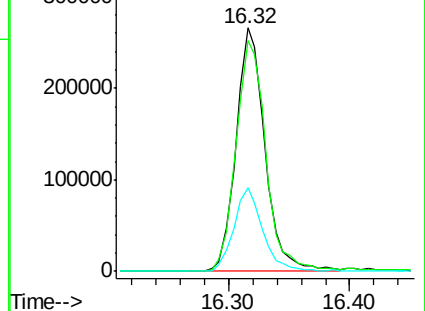
141 34.1 32.1 48.1



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: 103.53 ng

RT: 13.45 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

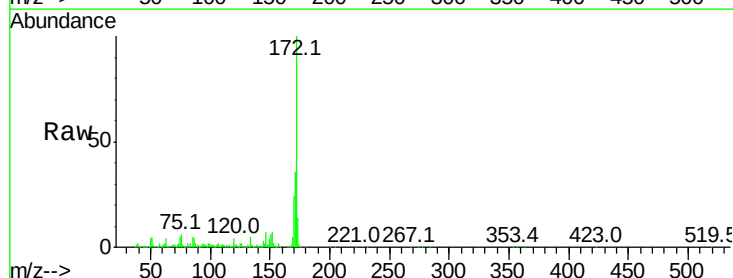
Tgt Ion:172 Resp: 1237809

Ion Ratio Lower Upper

172 100

171 35.7 32.2 48.2

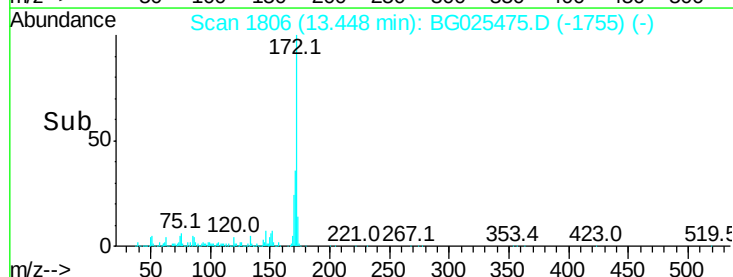
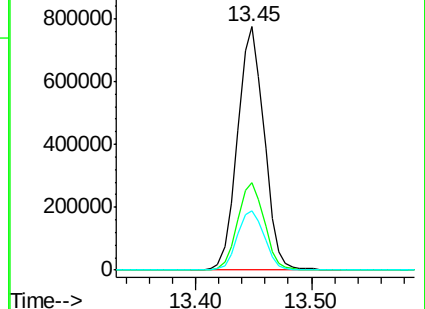
170 24.5 21.8 32.6

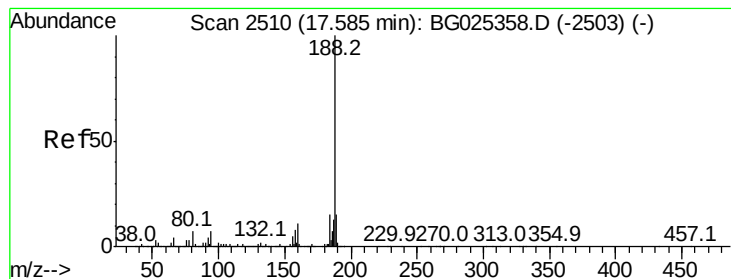


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

Instrument :

BNA_G

ClientSampleId :

TP3-COMP13

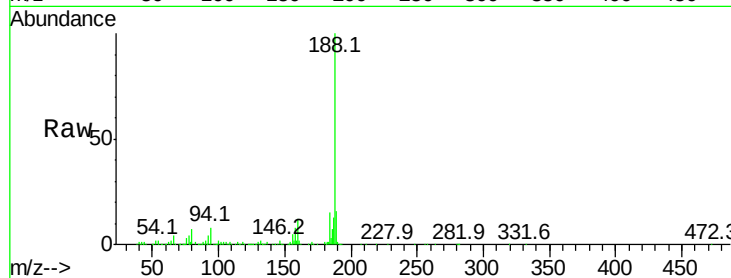
Tot Ion:188 Resp: 440138

Ion Ratio Lower Upper

188 100

94 7.7 5.8 8.8

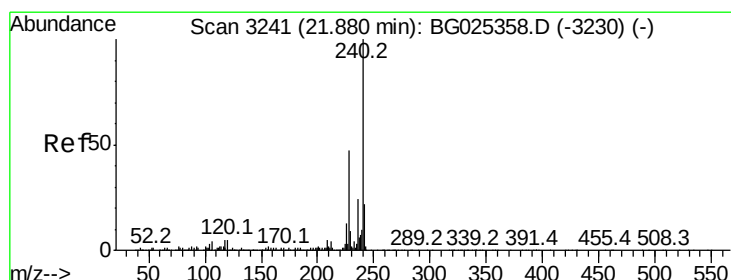
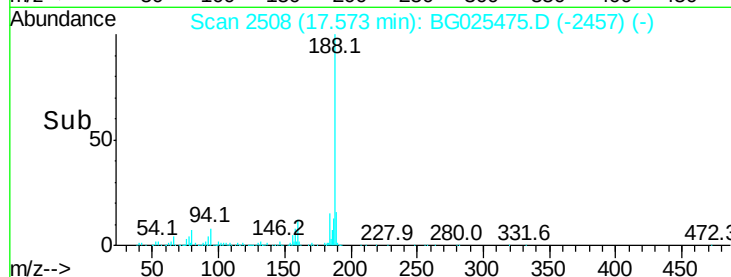
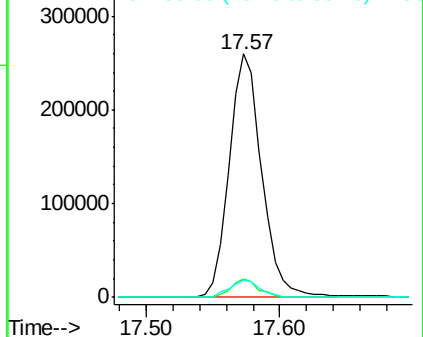
80 6.8 7.5 11.3#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

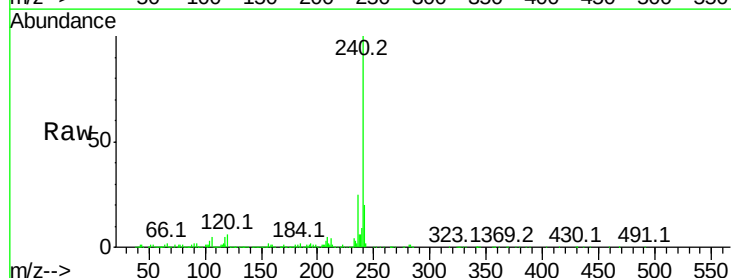
Tgt Ion:240 Resp: 637231

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

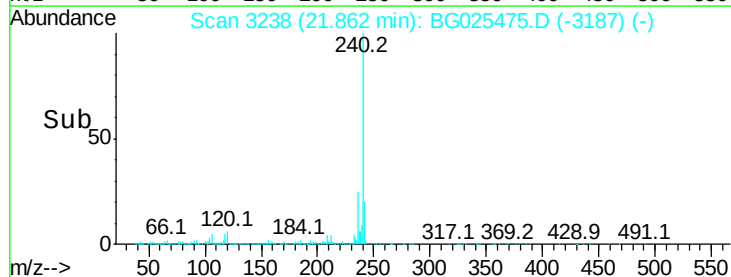
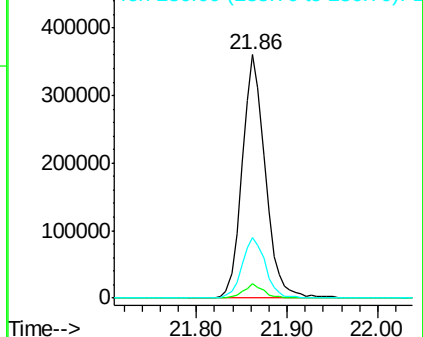
236 25.1 22.2 33.4

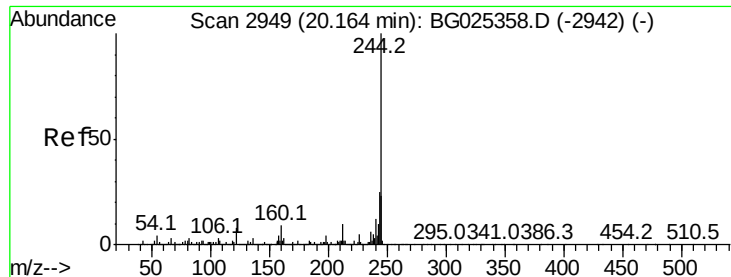


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 98.37 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

Instrument :

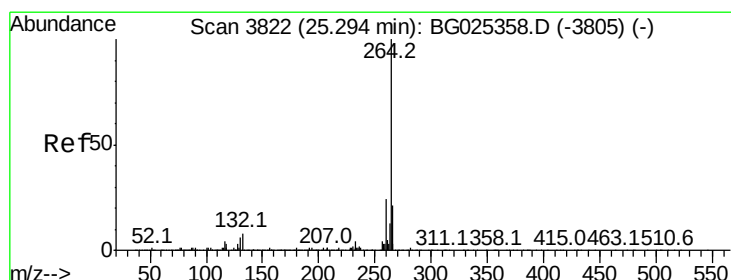
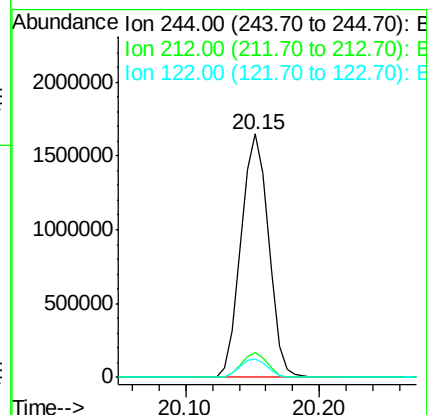
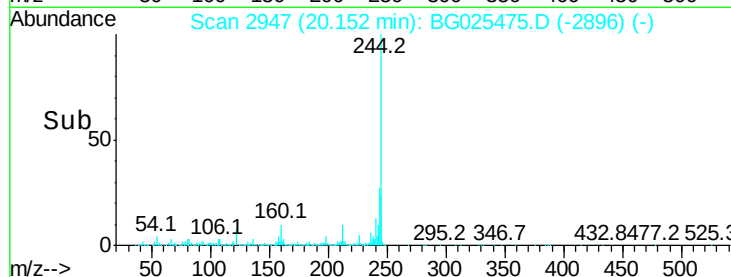
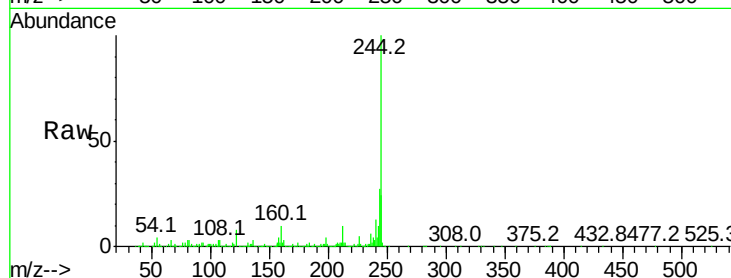
BNA_G

ClientSampleId :

TP3-COMP13

Tot Ion:244 Resp: 2364235

Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.0	15.0
122	7.7	8.6	12.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3817

Delta R.T. -0.00 min

Lab File: BG025475.D

Acq: 11 Jan 2017 16:00

Tgt Ion:264 Resp: 638863

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	20.5	18.2	27.4

