

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092616\
 Data File : BG024140.D
 Acq On : 26 Sep 2016 13:31
 Operator : UM/SJ
 Sample : H4887-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TRACK-D-GRID-17A

Quant Time: Sep 26 15:00:52 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

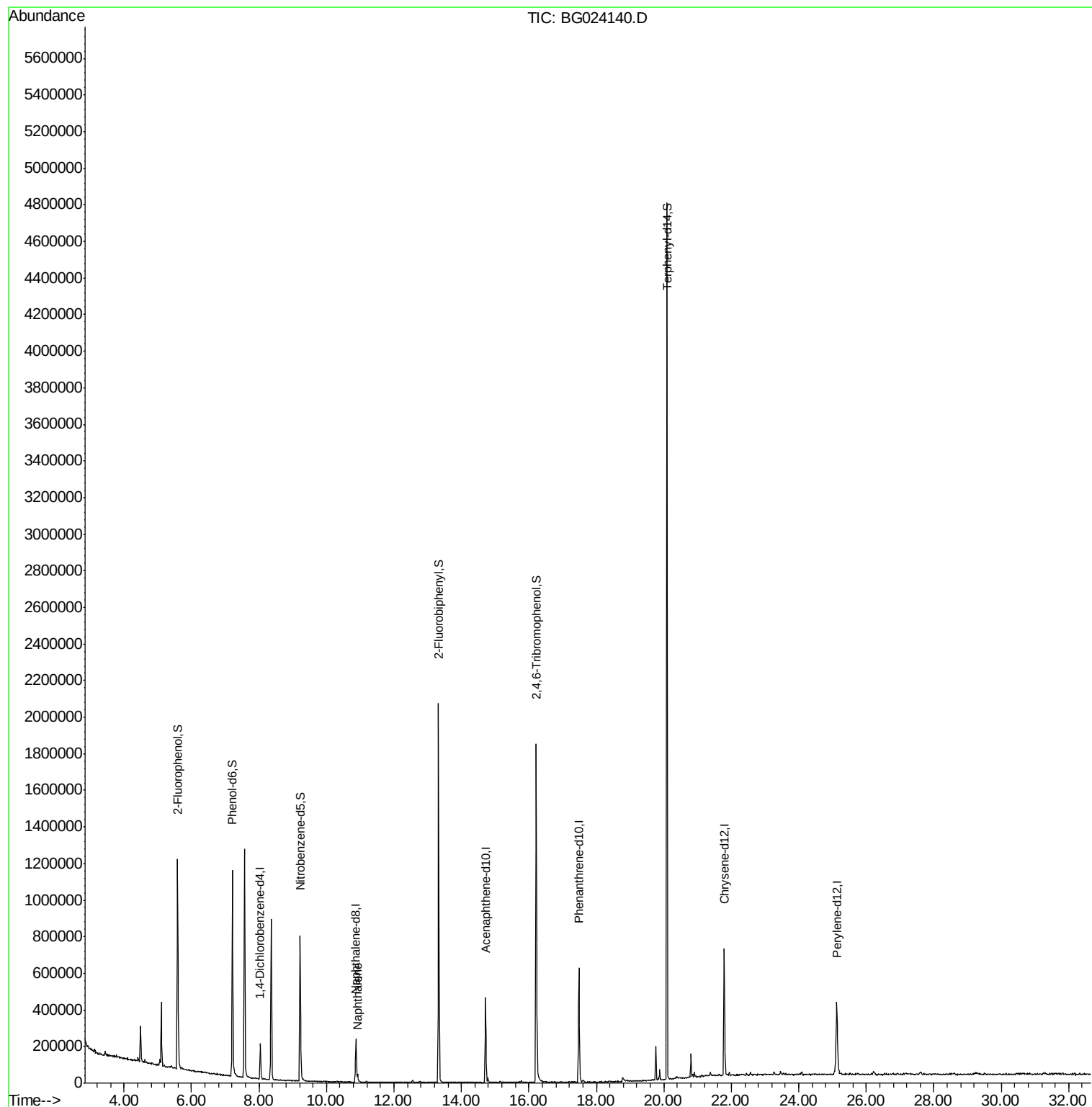
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48535	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	207951	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	164609	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	401418	20.00	ng	0.00
75) Chrysene-d12	21.79	240	465331	20.00	ng	0.00
86) Perylene-d12	25.13	264	445080	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	459129	163.89	ng	0.00
7) Phenol-d6	7.21	99	644037	136.63	ng	0.00
23) Nitrobenzene-d5	9.22	82	534181	101.24	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	346484	146.44	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1020532	104.21	ng	0.00
78) Terphenyl-d14	20.09	244	1814651	79.85	ng	0.00
Target Compounds						
31) Naphthalene	10.92	128	37199	3.53	ng	Qvalue # 91

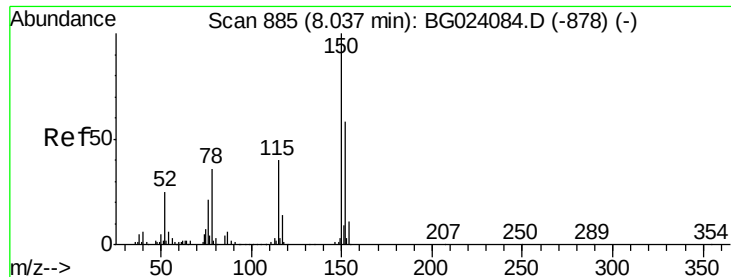
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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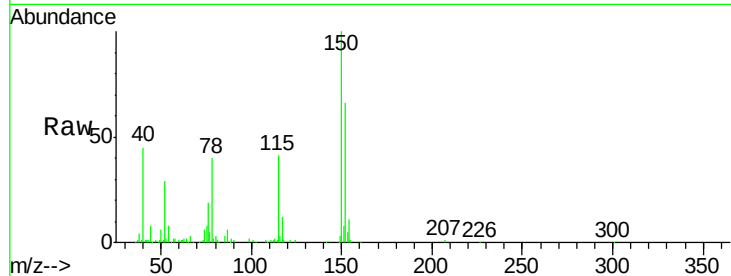


#1

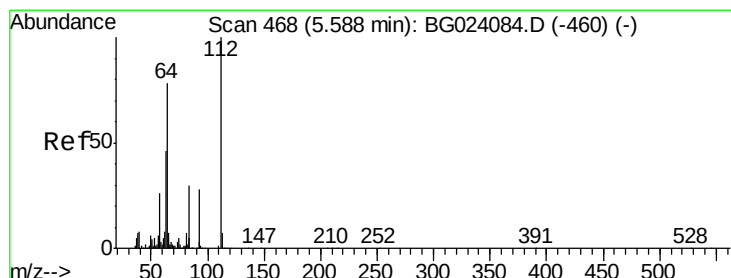
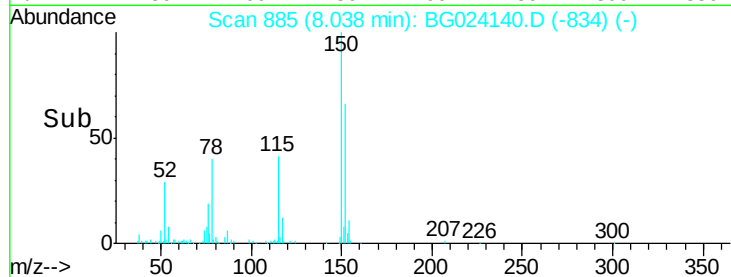
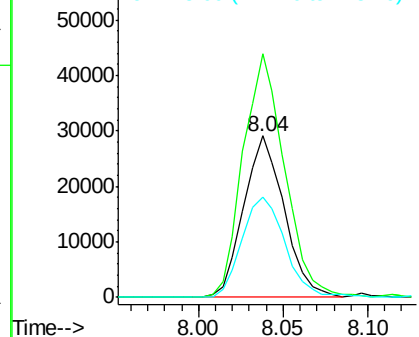
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG024140.D
Acq: 26 Sep 2016 13:31

Instrument :
BNA_G
ClientSampleId :
TRACK-D-GRID-17A

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	144.7	217.1
115	62.4	64.0	96.0



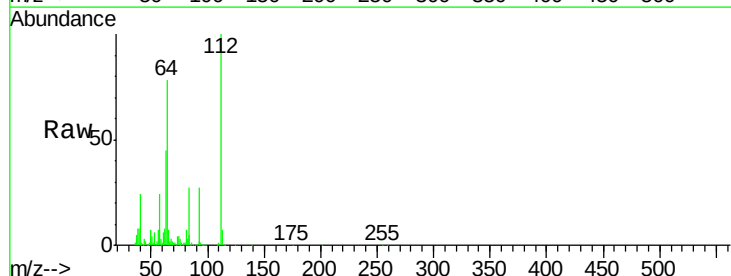
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



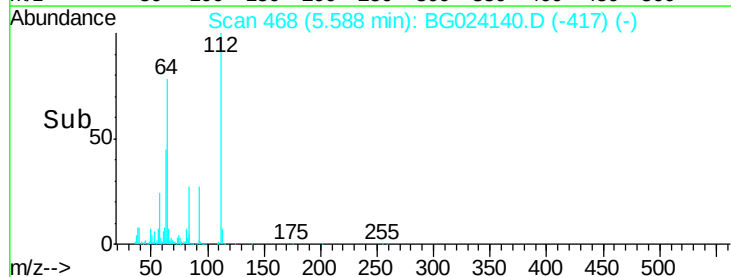
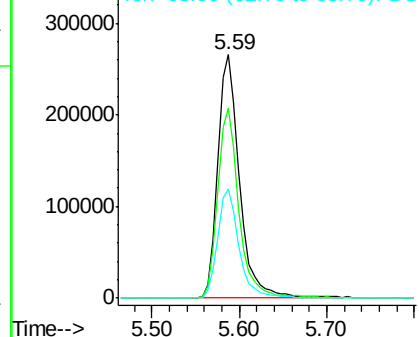
#5

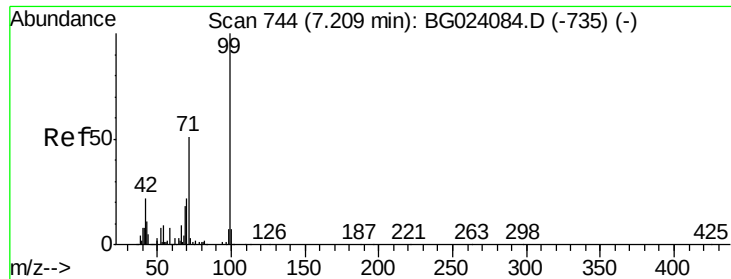
2-Fluorophenol
Concen: 163.89 ng
RT: 5.59 min Scan# 468
Delta R.T. 0.00 min
Lab File: BG024140.D
Acq: 26 Sep 2016 13:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.8	59.0	88.4
63	45.0	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: 136.63 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024140.D

Acq: 26 Sep 2016 13:31

Instrument :

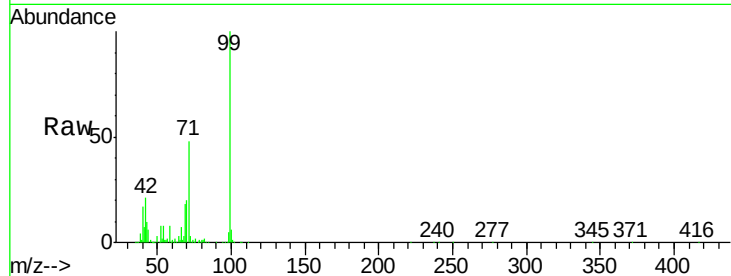
BNA_G

ClientSampleId :

TRACK-D-GRID-17A

Tot Ion: 99 Resp: 644037

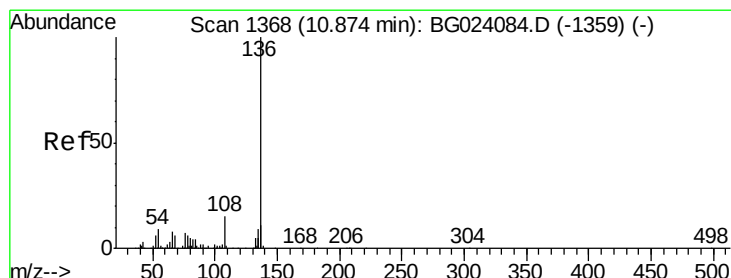
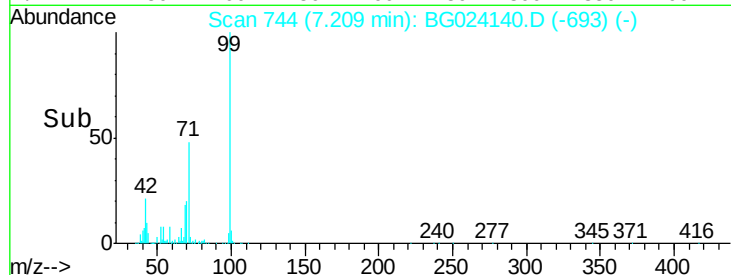
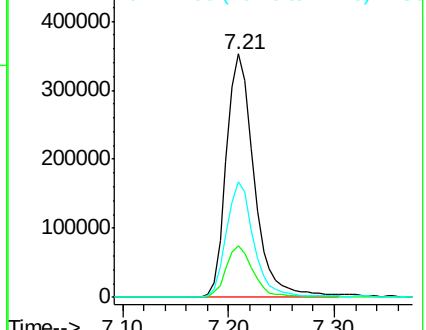
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.8	26.6
71	47.6	41.5	62.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1367

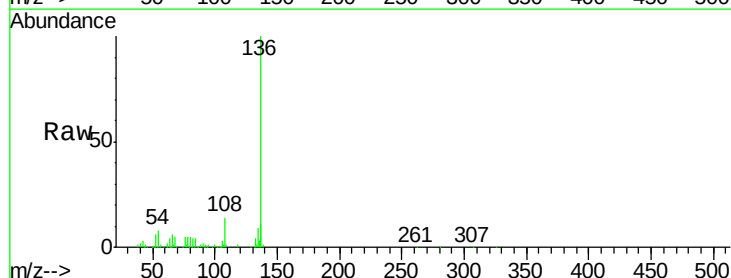
Delta R.T. -0.01 min

Lab File: BG024140.D

Acq: 26 Sep 2016 13:31

Tgt Ion: 136 Resp: 207951

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	8.4	7.3	10.9
68	5.3	5.3	7.9#

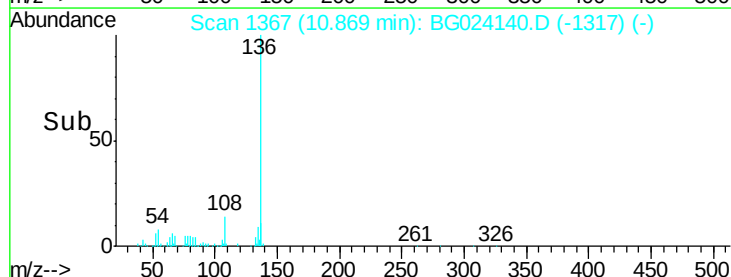
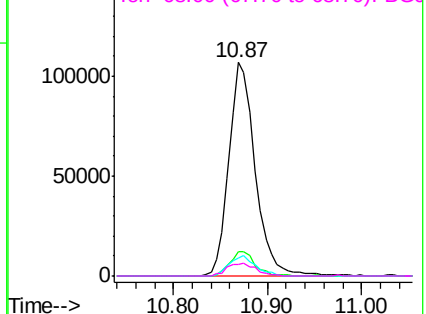


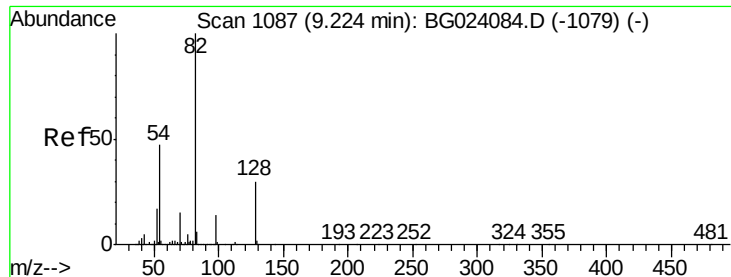
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

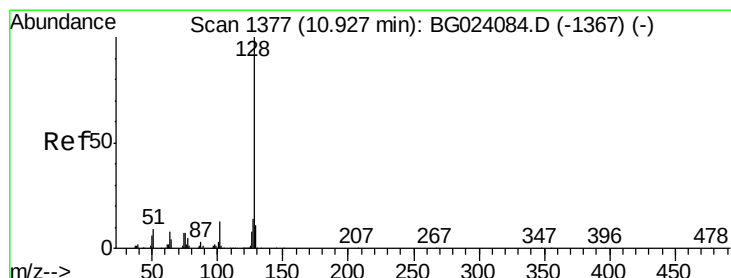
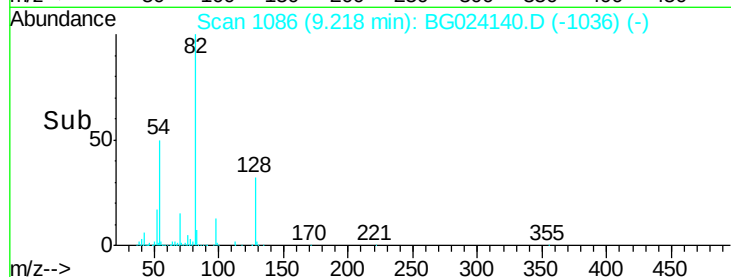
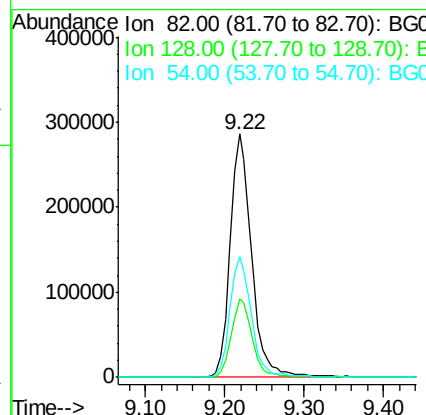
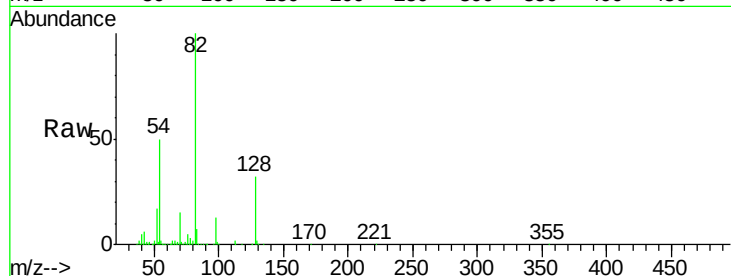




#23
 Nitrobenzene-d5
 Concen: 101.24 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BG024140.D
 Acq: 26 Sep 2016 13:31

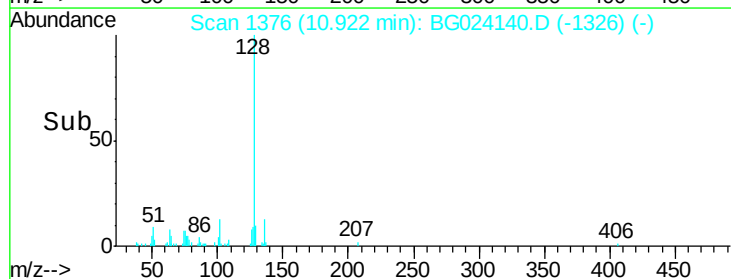
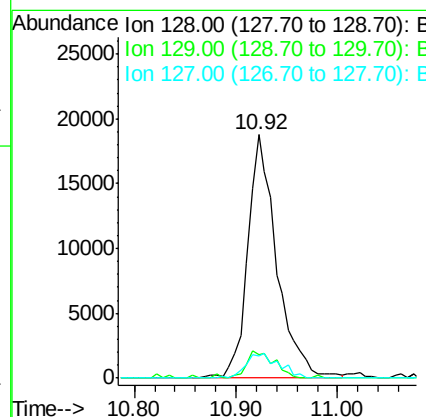
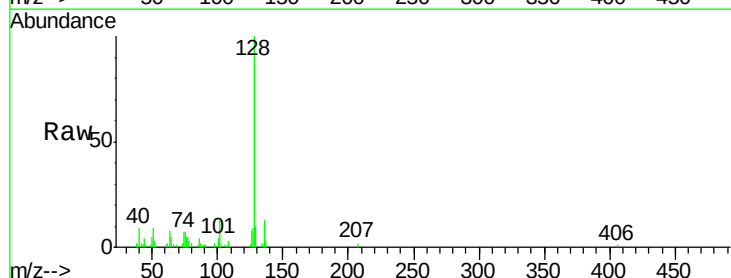
Instrument :
 BNA_G
 ClientSampleId :
 TRACK-D-GRID-17A

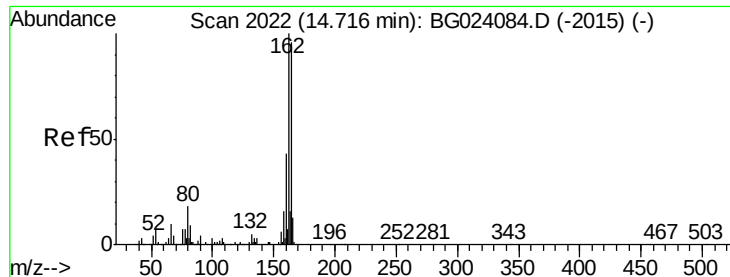
Tot Ion	82	Resp	534181
Ion Ratio	Lower	Upper	
82	100		
128	32.2	24.4	36.6
54	49.9	41.4	62.0



#31
 Naphthalene
 Concen: 3.53 ng
 RT: 10.92 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BG024140.D
 Acq: 26 Sep 2016 13:31

Tgt Ion	128	Resp	37199
Ion Ratio	Lower	Upper	
128	100		
129	9.9	9.4	14.0
127	9.1	11.3	16.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG024140.D

Acq: 26 Sep 2016 13:31

Instrument :

BNA_G

ClientSampleId :

TRACK-D-GRID-17A

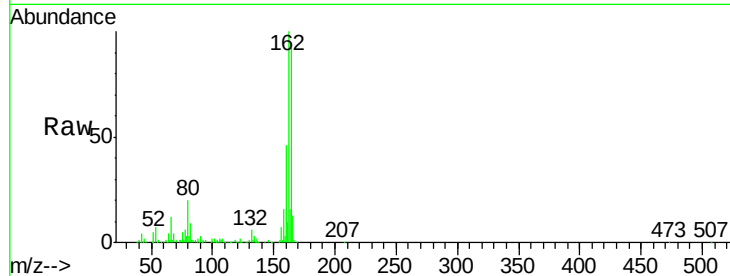
Tot Ion:164 Resp: 164609

Ion Ratio Lower Upper

164 100

162 108.2 87.7 131.5

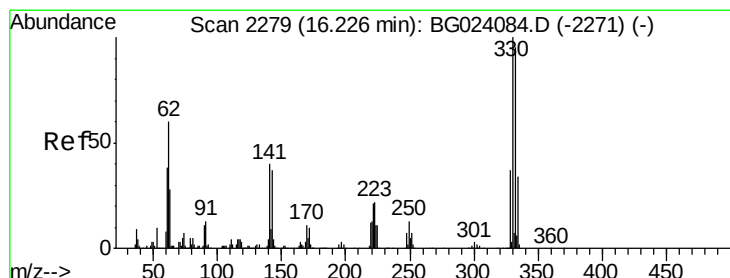
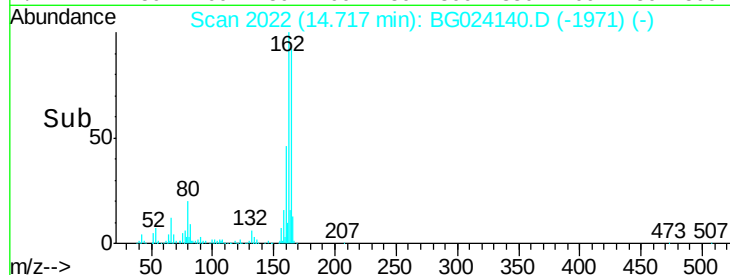
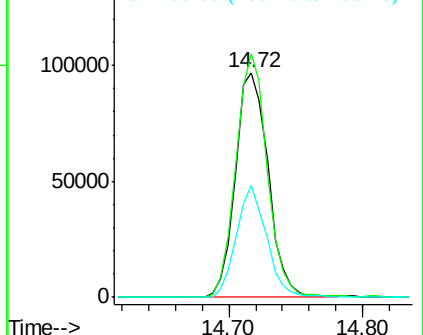
160 49.5 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 146.44 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG024140.D

Acq: 26 Sep 2016 13:31

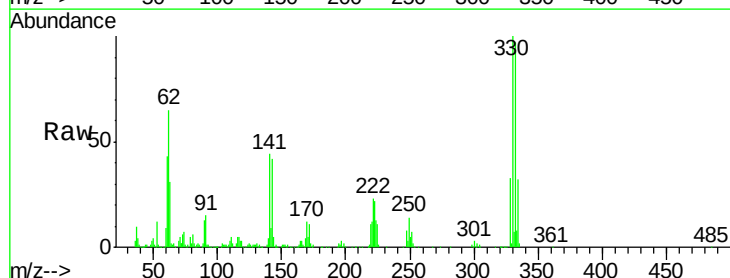
Tgt Ion:330 Resp: 346484

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

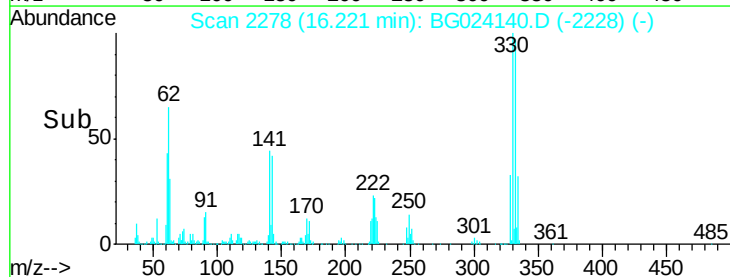
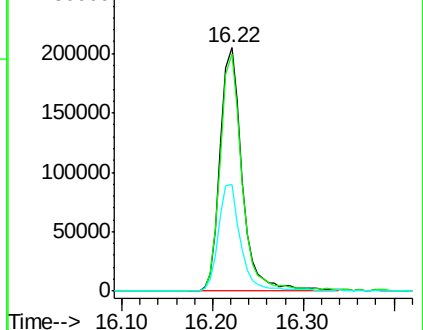
141 43.2 31.7 47.5

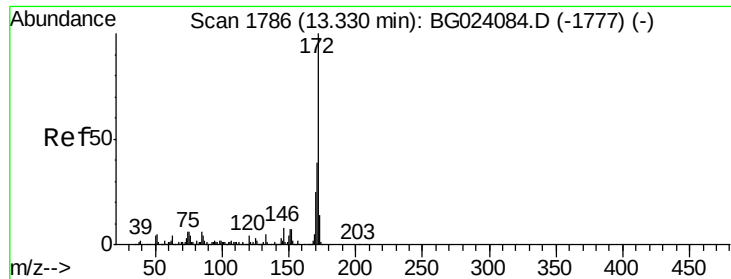


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

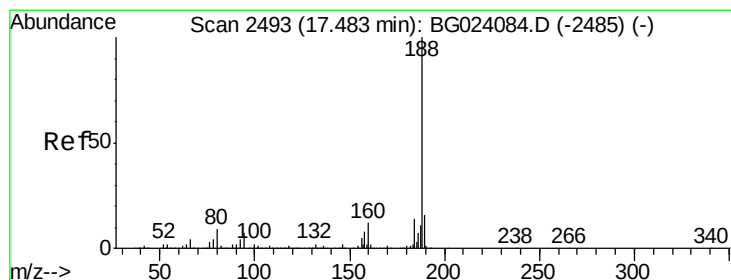
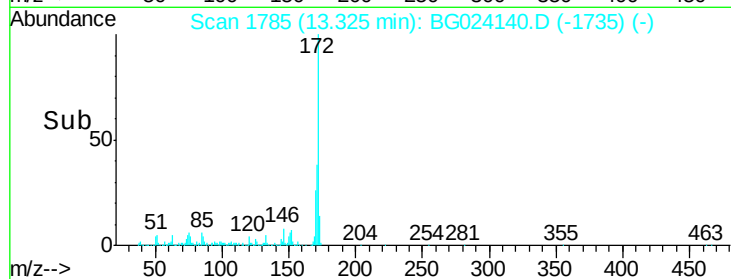
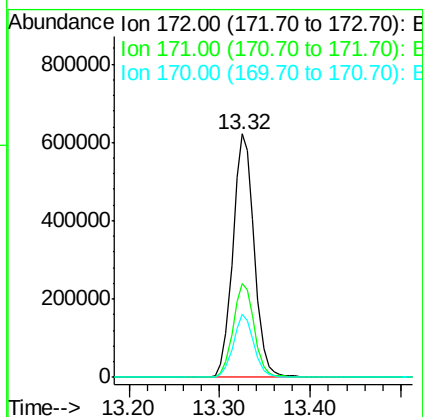
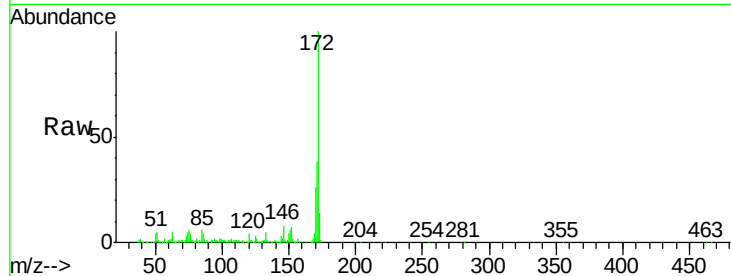




#44
 2-Fluorobiphenyl
 Concen: 104.21 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024140.D
 Acq: 26 Sep 2016 13:31

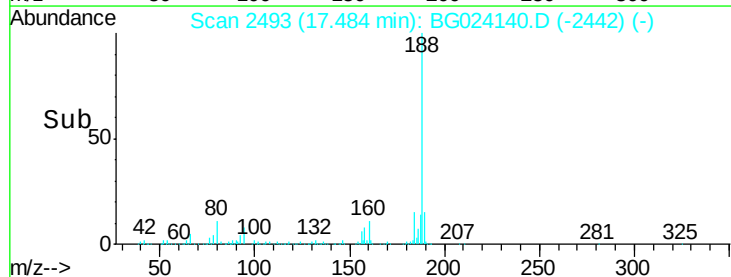
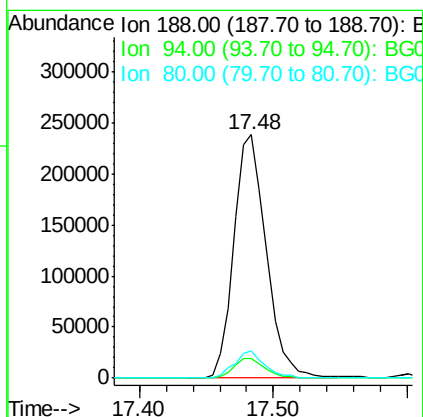
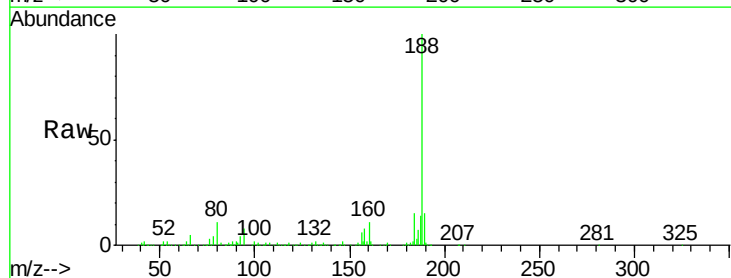
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 TRACK-D-GRID-17A

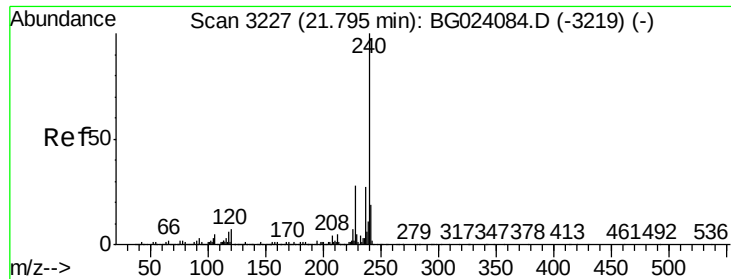
Tot Ion:172 Resp: 1020532
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.6 47.4
 170 25.8 21.3 31.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BG024140.D
 Acq: 26 Sep 2016 13:31

Tgt Ion:188 Resp: 401418
 Ion Ratio Lower Upper
 188 100
 94 7.8 5.2 7.8#
 80 11.3 7.2 10.8#

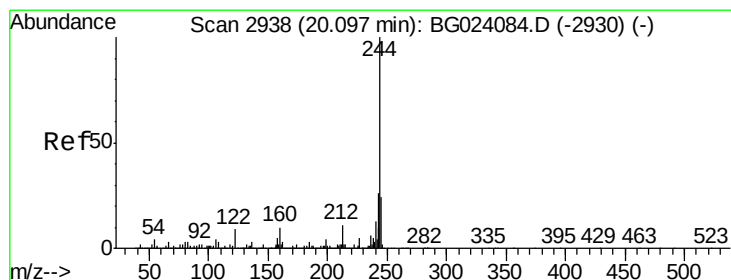
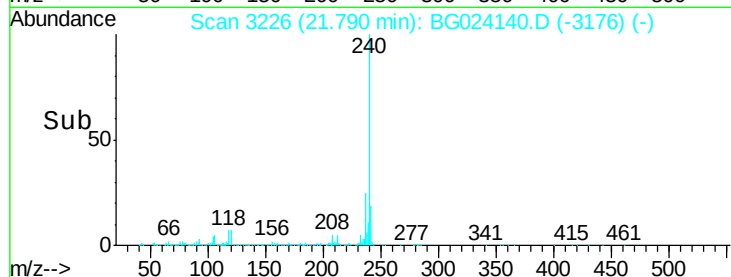
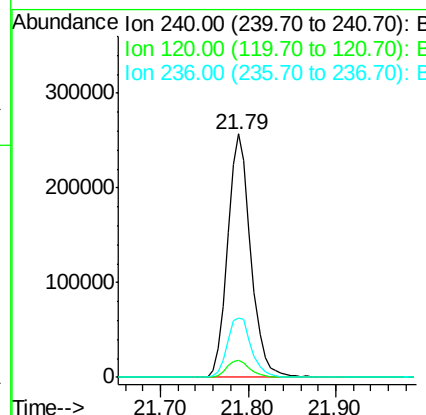
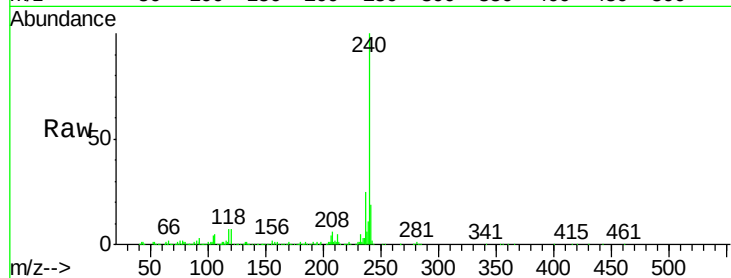




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024140.D
Acq: 26 Sep 2016 13:31

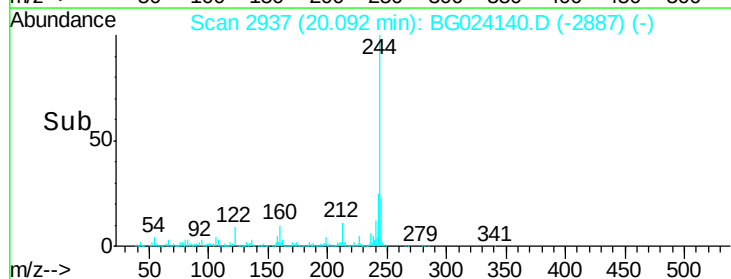
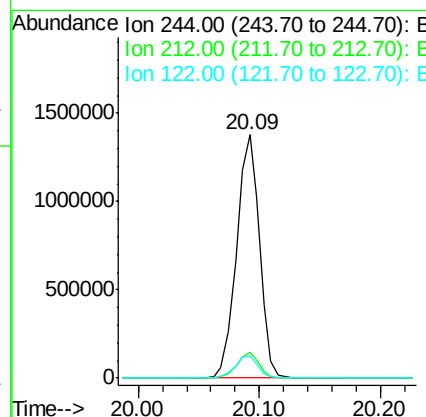
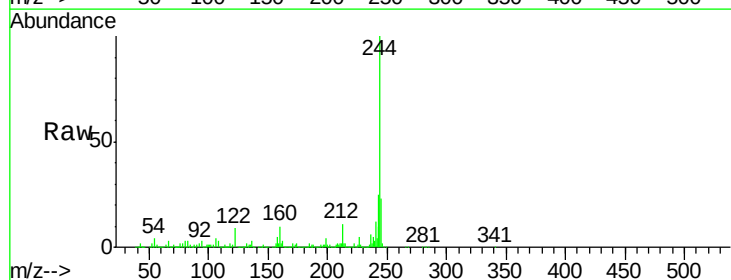
Instrument :
BNA_G
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TRACK-D-GRID-17A

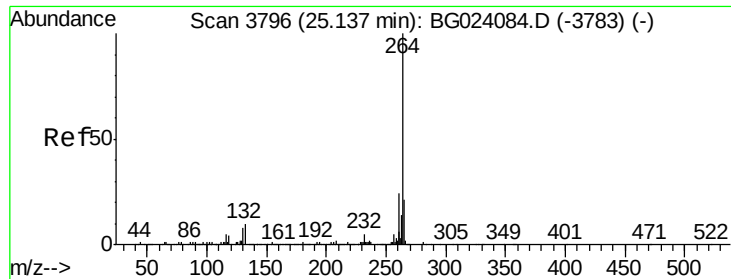
Tot Ion:240 Resp: 465331
Ion Ratio Lower Upper
240 100
120 7.1 4.1 6.1#
236 24.6 21.1 31.7



#78
Terphenyl-d14
Concen: 79.85 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024140.D
Acq: 26 Sep 2016 13:31

Tgt Ion:244 Resp: 1814651
Ion Ratio Lower Upper
244 100
212 10.9 10.8 16.2
122 8.9 8.0 12.0





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG024140.D
Acq: 26 Sep 2016 13:31

Instrument :
BNA_G
ClientSampleId :
TRACK-D-GRID-17A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.4	27.6
265	22.3	18.9	28.3

