

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030573.D
 Acq On : 29 Oct 2017 22:44
 Operator : SJ/JU
 Sample : I6094-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMMACK-EAST-COMP(0-3)

Quant Time: Oct 30 08:32:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	72984	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	314156	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	213779	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	523417	20.00	ng	-0.01
75) Chrysene-d12	21.80	240	552560	20.00	ng	0.00
86) Perylene-d12	25.12	264	546081	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	591396	135.37	ng	0.00
7) Phenol-d6	7.32	99	704738	114.92	ng	0.00
23) Nitrobenzene-d5	9.34	82	503357	101.82	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	323394	117.17	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1362242	93.46	ng	0.00
78) Terphenyl-d14	20.11	244	2198182	90.50	ng	-0.01

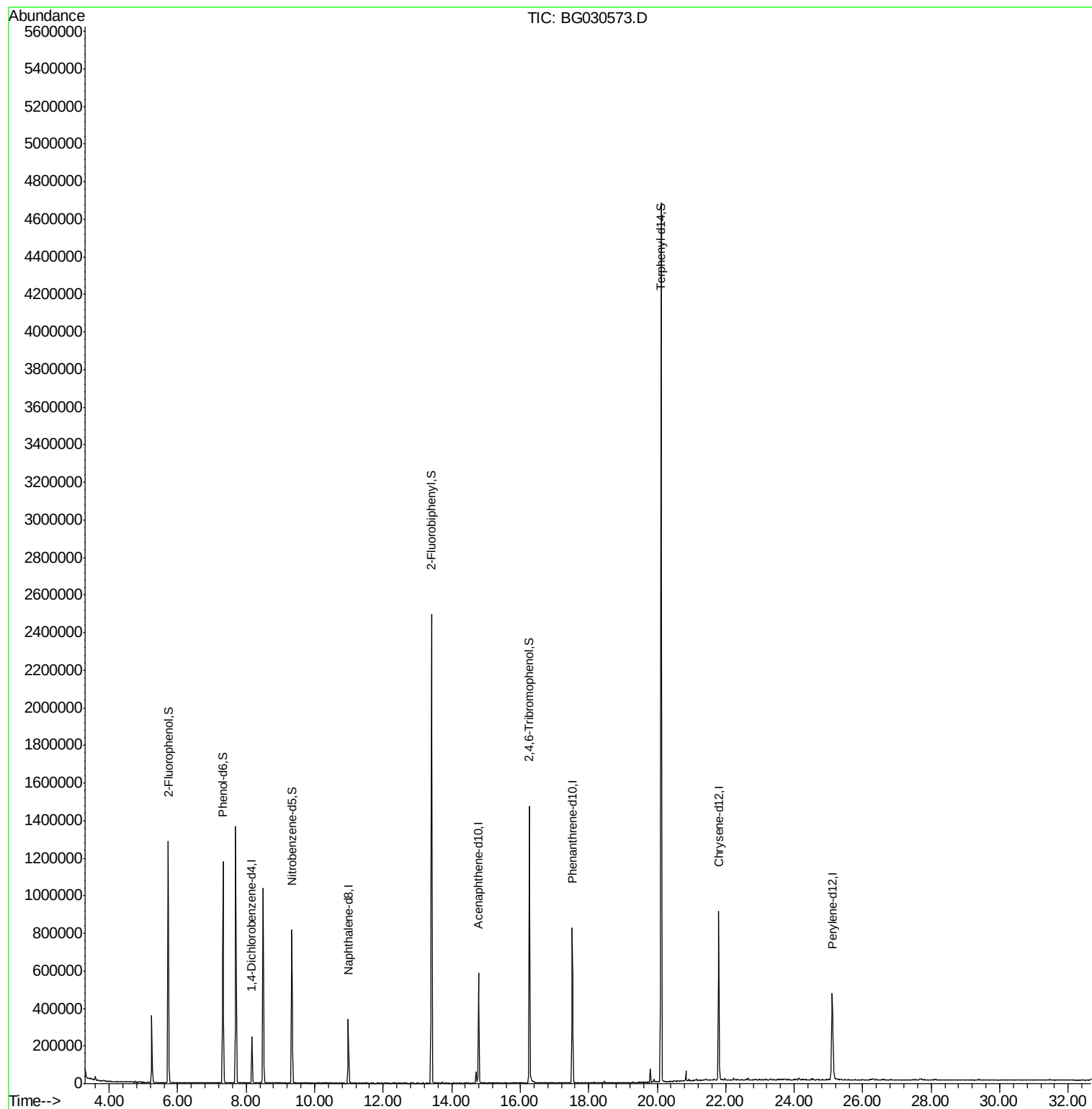
Target Compounds Qvalue

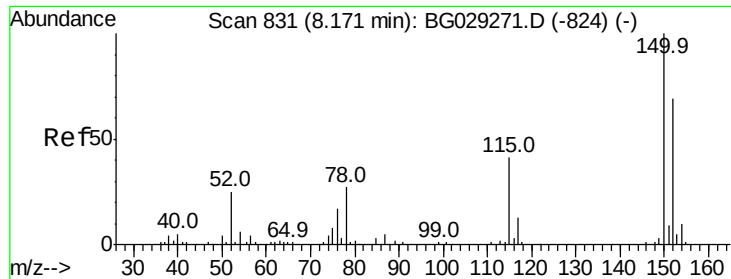
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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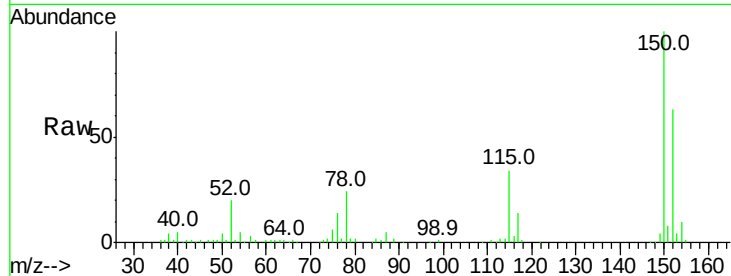


#1

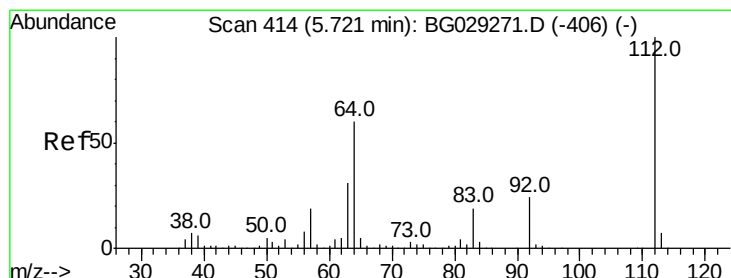
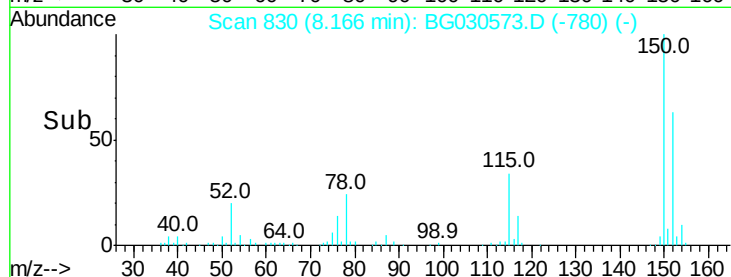
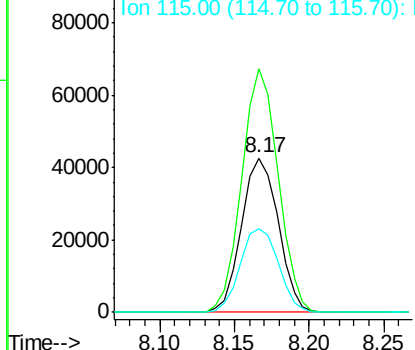
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030573.D
Acq: 29 Oct 2017 22:44

Instrument :
BNA_G
ClientSampleId :
COMMACK-EAST-COMP(0-3)

Tot Ion:152 Resp: 72984
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 54.0 53.0 79.4



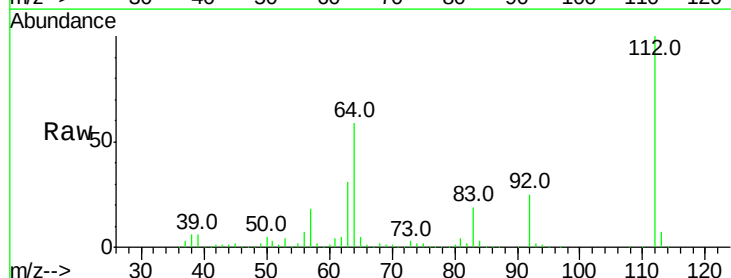
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



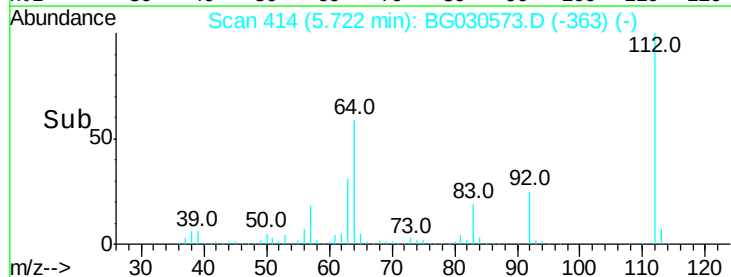
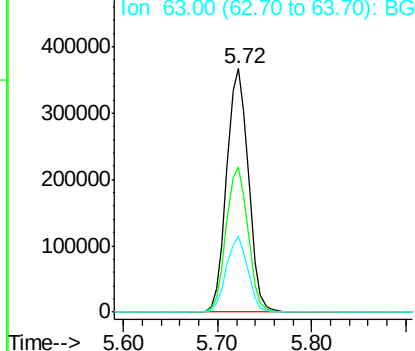
#5

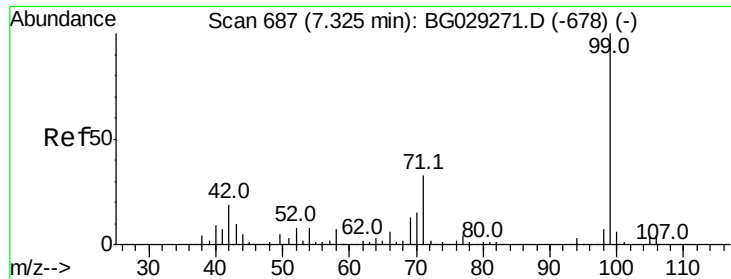
2-Fluorophenol
Concen: 135.366 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030573.D
Acq: 29 Oct 2017 22:44

Tgt Ion:112 Resp: 591396
Ion Ratio Lower Upper
112 100
64 59.4 56.3 84.5
63 31.5 30.1 45.1



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: 114.921 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030573.D

Acq: 29 Oct 2017 22:44

Instrument :

BNA_G

ClientSampleId :

COMMACK-EAST-COMP(0-3)

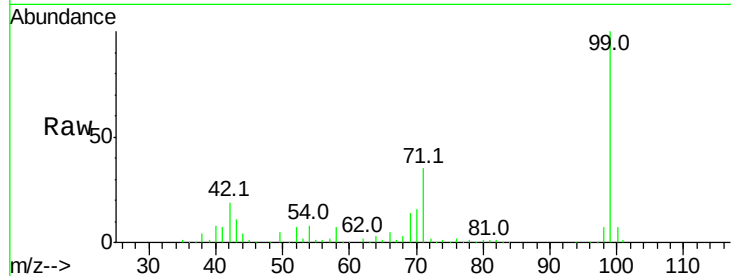
Tot Ion: 99 Resp: 704738

Ion Ratio Lower Upper

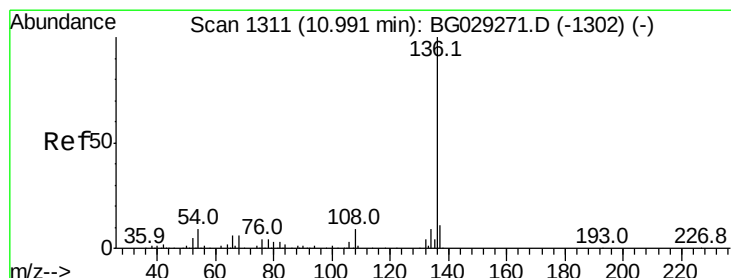
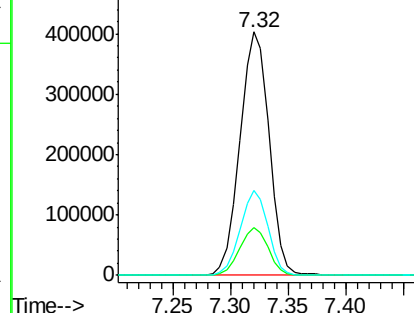
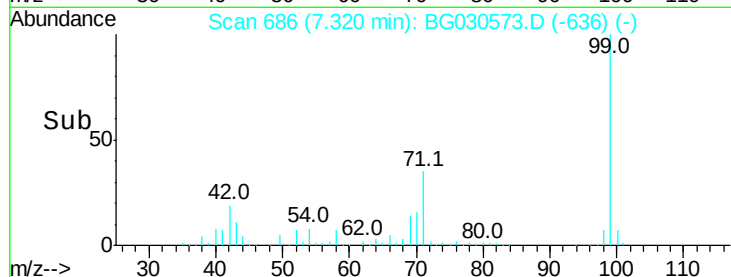
99 100

42 19.4 14.1 21.1

71 34.6 26.1 39.1



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: 20.000 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030573.D

Acq: 29 Oct 2017 22:44

Tgt Ion: 136 Resp: 314156

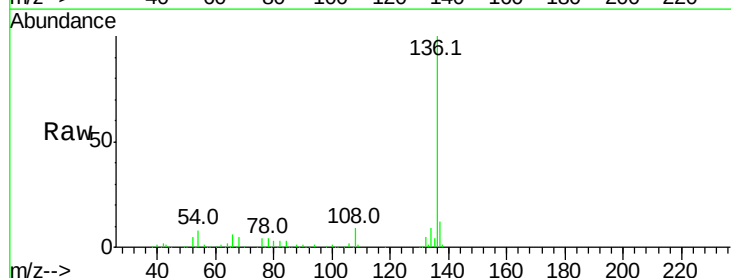
Ion Ratio Lower Upper

136 100

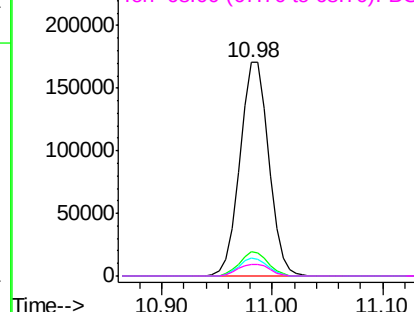
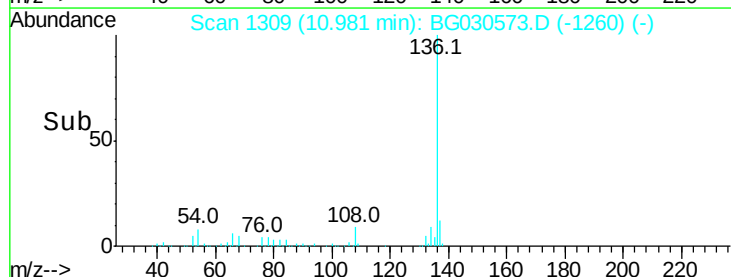
137 11.6 9.2 13.8

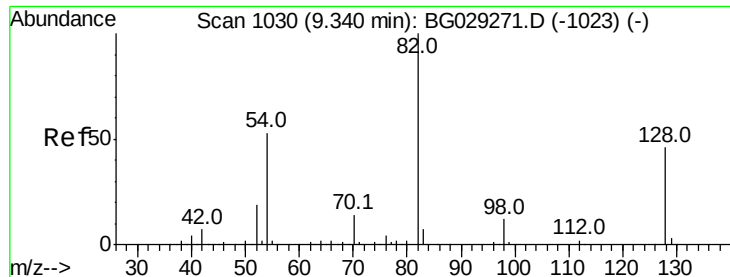
54 8.3 10.3 15.5#

68 5.3 4.5 6.7



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

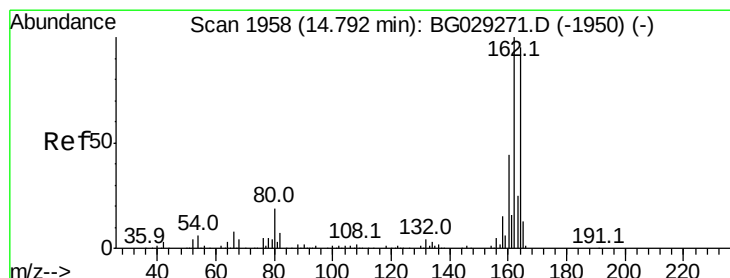
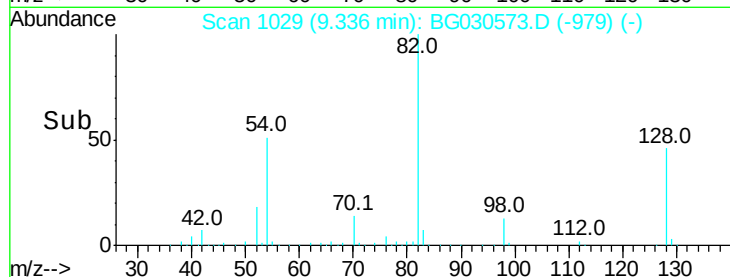
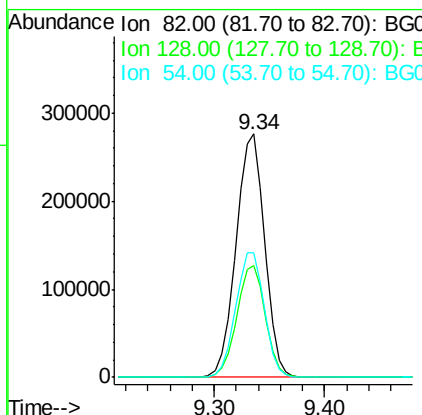
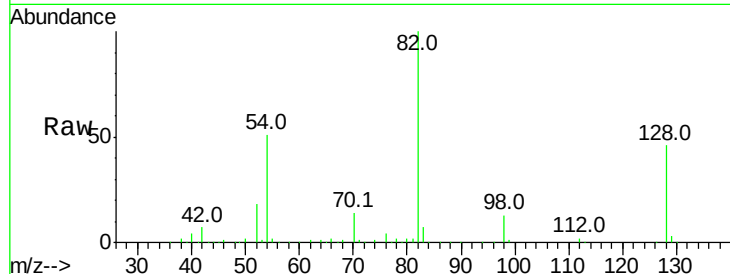




#23
 Nitrobenzene-d5
 Concen: 101.819 ng
 RT: 9.34 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG030573.D
 Acq: 29 Oct 2017 22:44

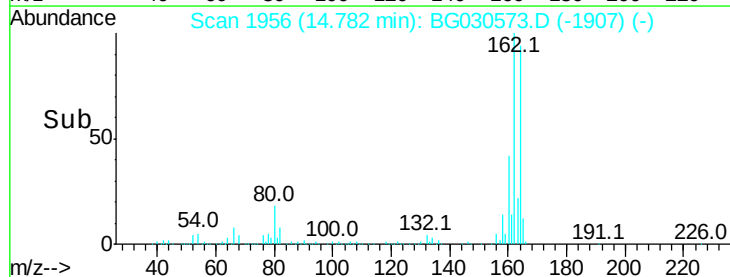
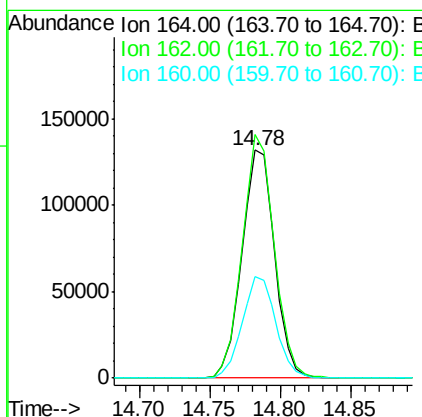
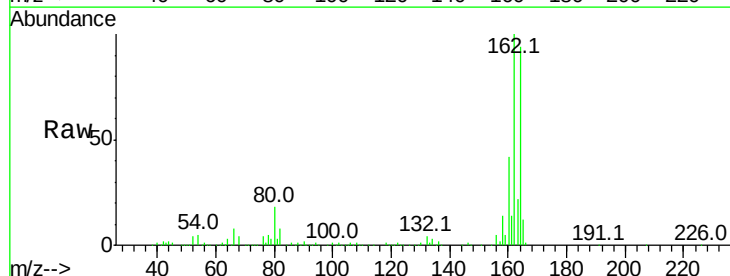
Instrument :
 BNA_G
 ClientSampleId :
 COMMACK-EAST-COMP(0-3)

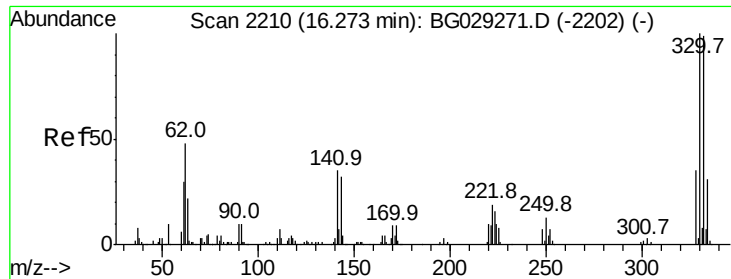
Tot Ion	82	Resp	503357
Ion	Ratio	Lower	Upper
82	100		
128	46.0	29.7	44.5#
54	51.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030573.D
 Acq: 29 Oct 2017 22:44

Tgt Ion	164	Resp	213779
Ion	Ratio	Lower	Upper
164	100		
162	106.7	78.8	118.2
160	44.5	35.4	53.0

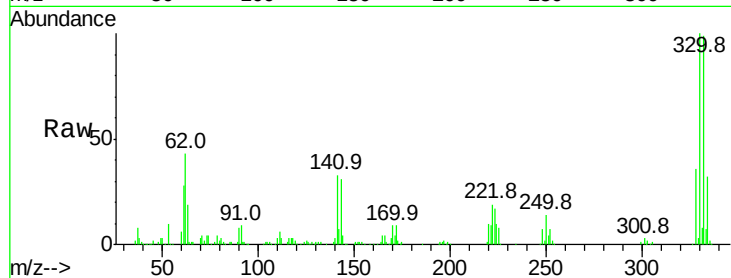




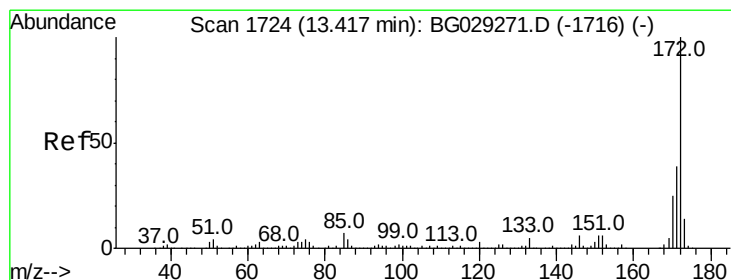
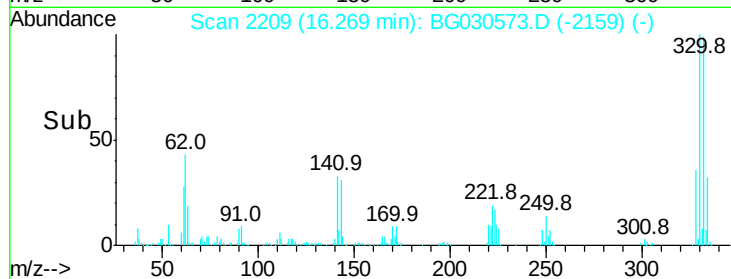
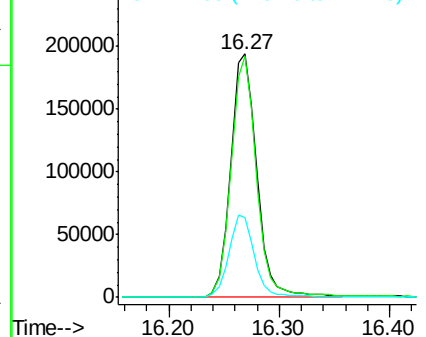
#41
 2,4,6-Tribromophenol
 Concen: 117.167 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG030573.D
 Acq: 29 Oct 2017 22:44

Instrument :
 BNA_G
 ClientSampleId :
 COMMACK-EAST-COMP(0-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.3	25.2	37.8

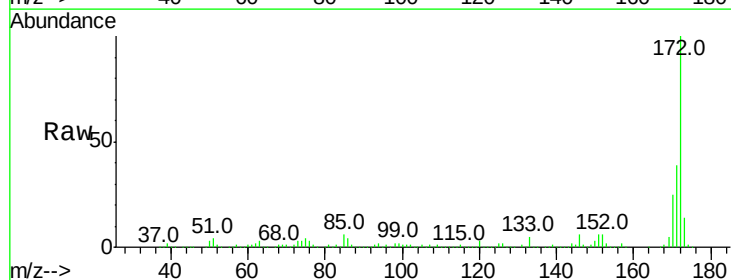


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

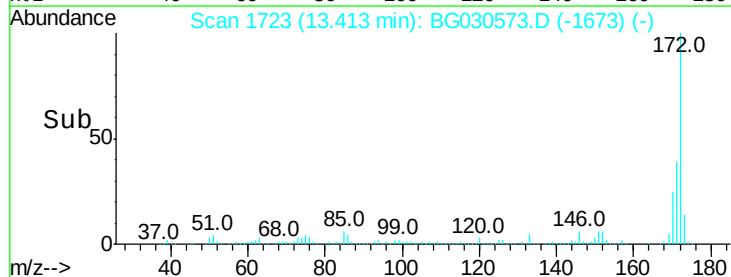
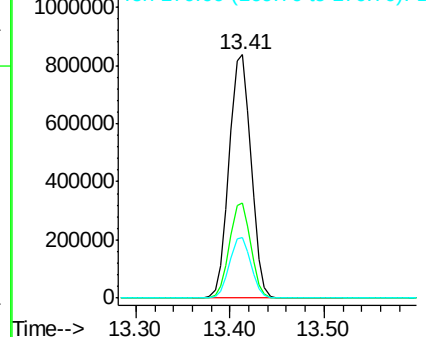


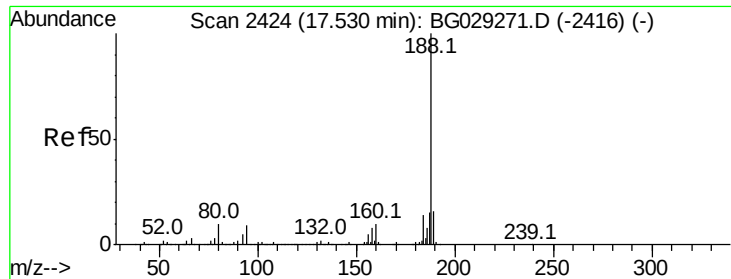
#44
 2-Fluorobiphenyl
 Concen: 93.458 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG030573.D
 Acq: 29 Oct 2017 22:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.0	45.0
170	24.9	19.5	29.3



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

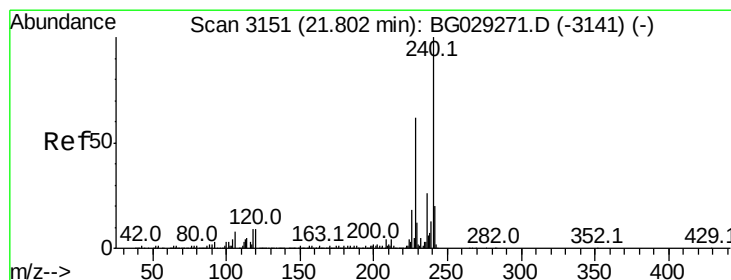
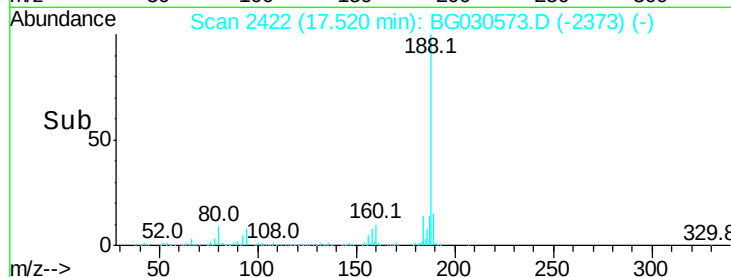
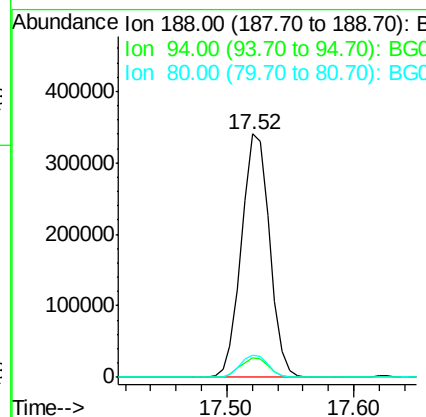
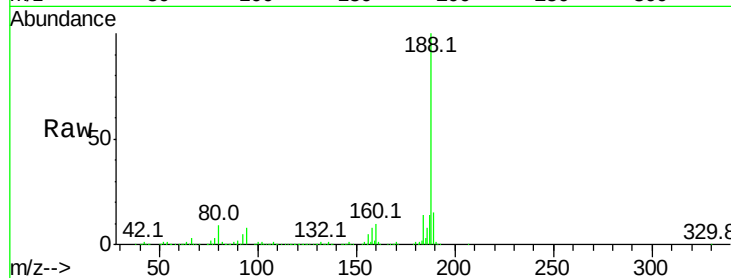




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030573.D
Acq: 29 Oct 2017 22:44

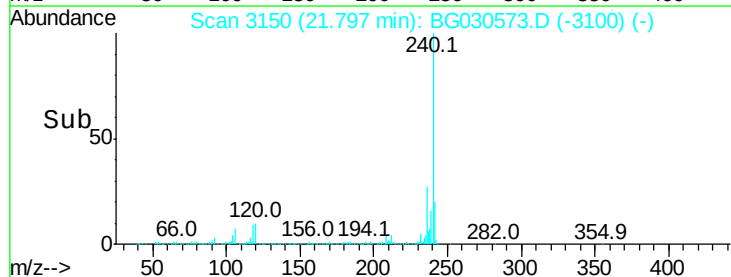
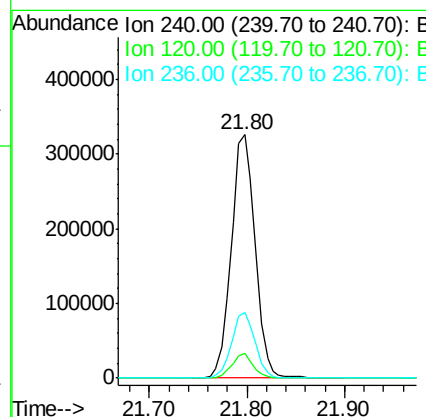
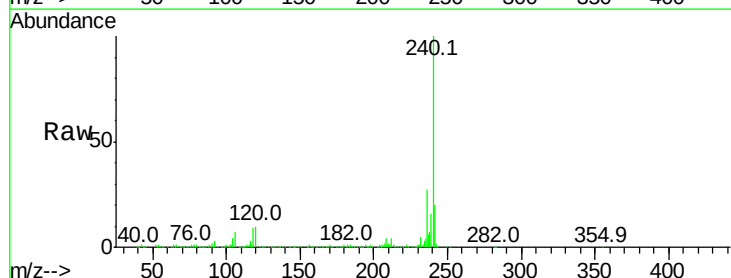
Instrument :
BNA_G
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COMMACK-EAST-COMP(0-3)

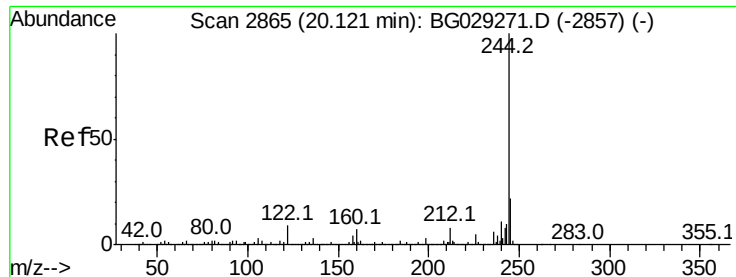
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.2	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG030573.D
Acq: 29 Oct 2017 22:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.8	10.2#
236	27.1	20.9	31.3



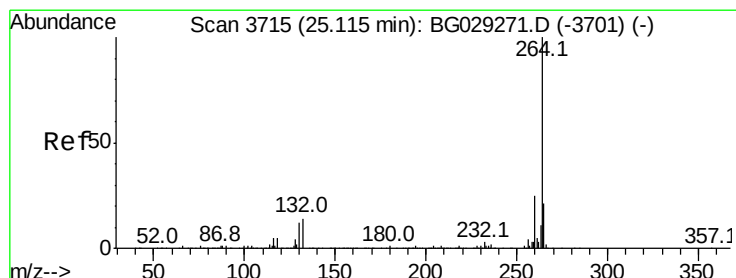
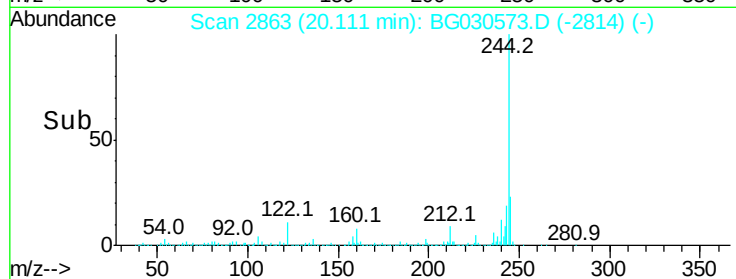
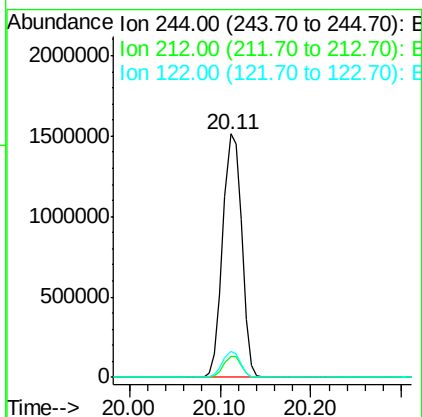
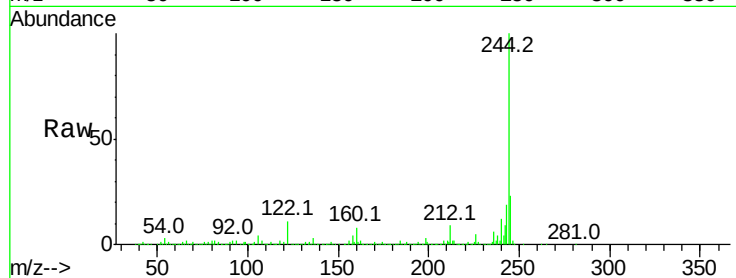


#78
 Terphenyl-d14
 Concen: 90.501 ng
 RT: 20.11 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG030573.D
 Acq: 29 Oct 2017 22:44

Instrument :
 BNA_G
 ClientSampleId :
 COMMACK-EAST-COMP(0-3)

Tot Ion:244 Resp: 2198182

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	10.6	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3715
 Delta R.T. 0.00 min
 Lab File: BG030573.D
 Acq: 29 Oct 2017 22:44

Tgt Ion:264 Resp: 546081

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.8	17.7	26.5

