

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080216\
 Data File : BG023407.D
 Acq On : 2 Aug 2016 22:21
 Operator : UM/SJ
 Sample : H4270-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KMW-4

Quant Time: Aug 03 02:29:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

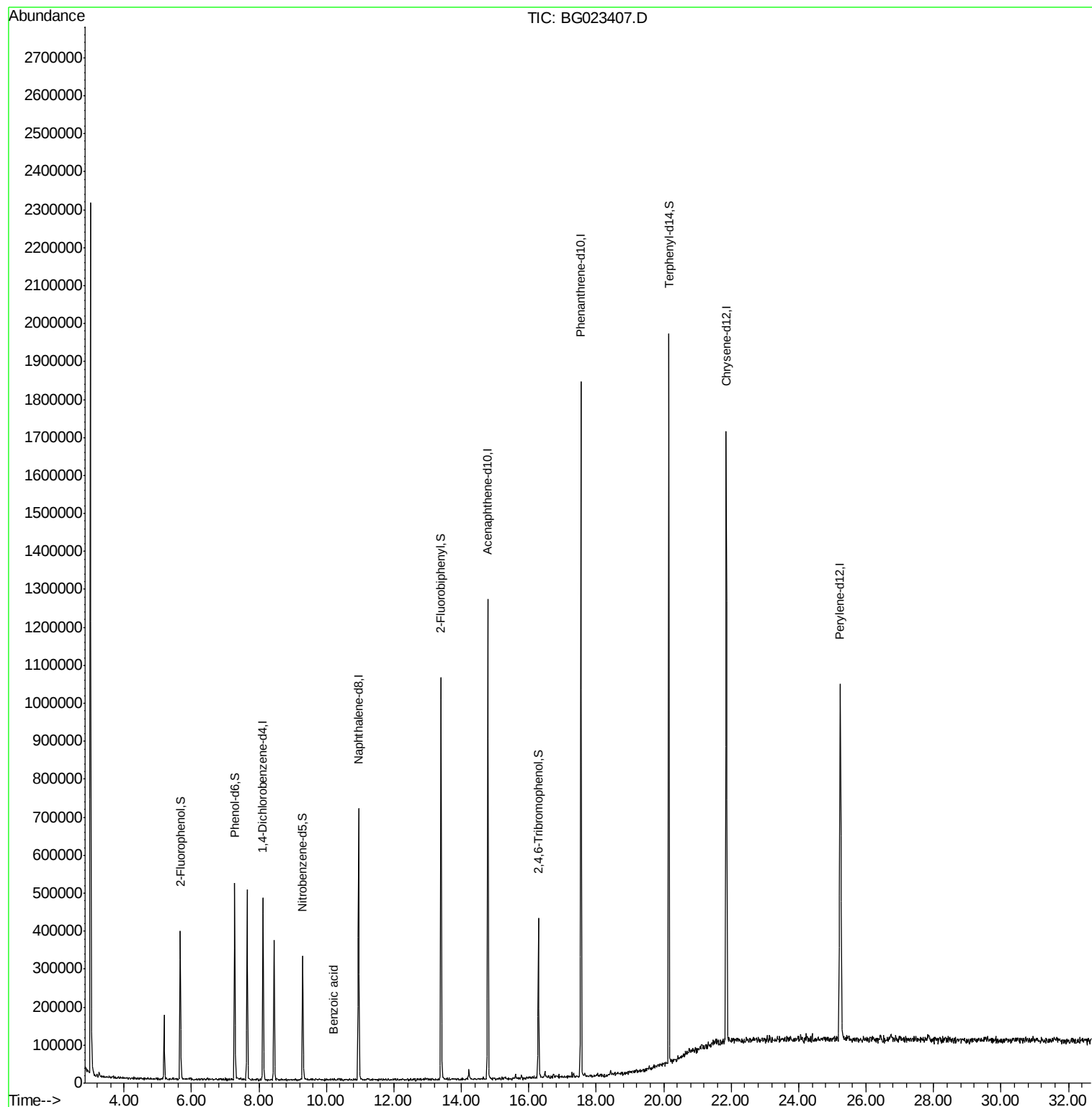
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	127144	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	574244	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	442212	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	1068927	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1010275	20.00	ng	0.00
86) Perylene-d12	25.24	264	1042045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	175144	23.19	ng	0.00
7) Phenol-d6	7.28	99	324550	27.59	ng	0.00
23) Nitrobenzene-d5	9.29	82	211057	18.27	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	92949	14.37	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	541064	20.64	ng	0.00
78) Terphenyl-d14	20.15	244	823697	8.22	ng	0.00
Target Compounds						
9) Benzaldehyde	7.16	77	118	Below Cal	Qvalue 92	
32) Benzoic acid	10.22	122	69	6.45 ng	#	1
73) Di-n-butylphthalate	18.49	149	523	Below Cal	#	11
74) Fluoranthene	19.60	202	186	Below Cal	#	60
77) Pyrene	19.97	202	232	Below Cal	#	49

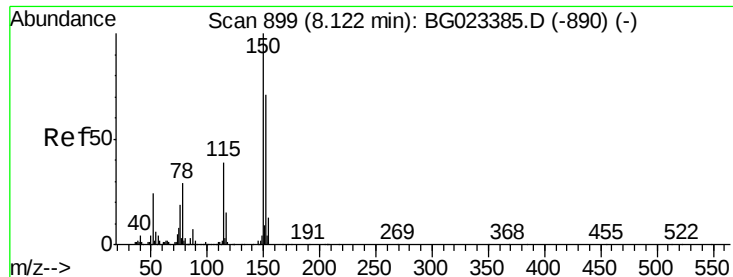
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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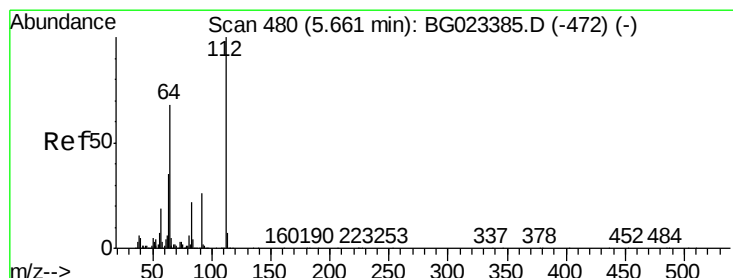
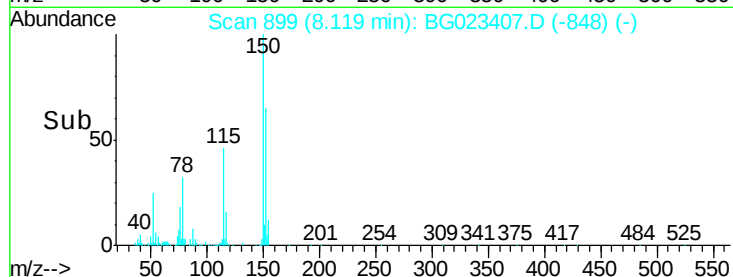
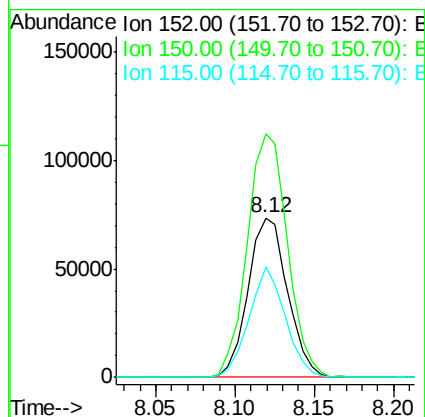
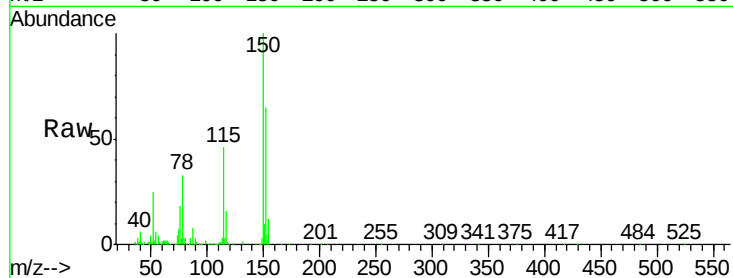


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG023407.D
Acq: 2 Aug 2016 22:21

Instrument :
BNA_G
ClientSampleId :
KMW-4

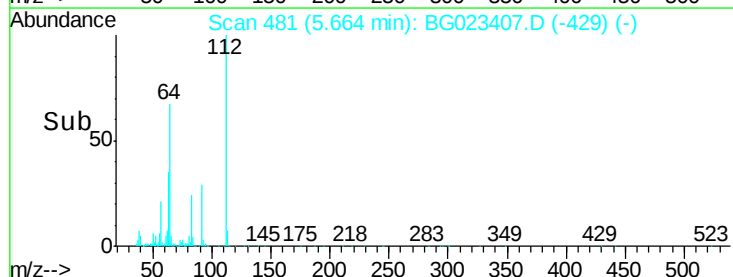
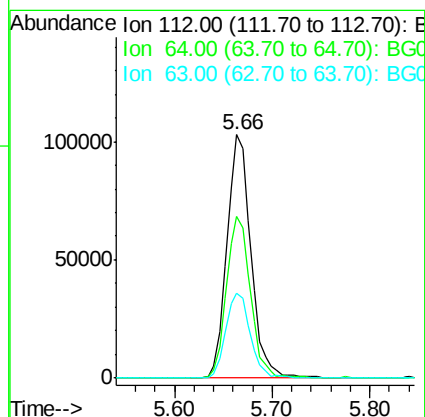
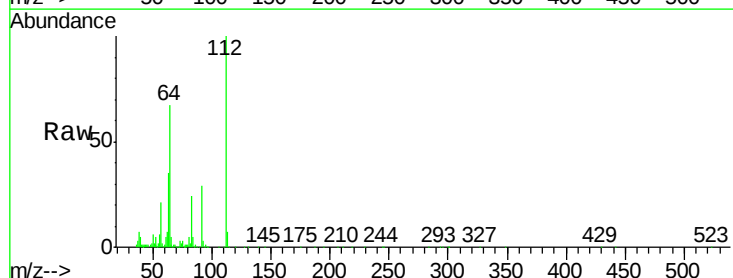
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.7	144.7	217.1
115	69.6	64.0	96.0

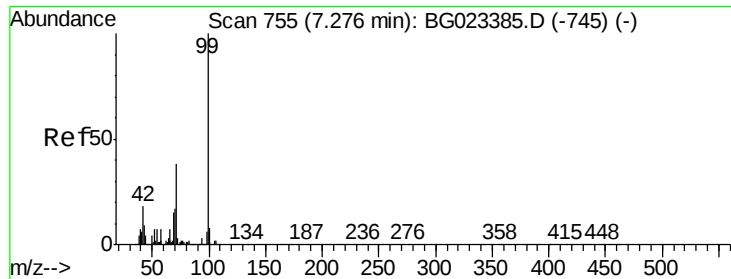


#5

2-Fluorophenol
Concen: 23.19 ng
RT: 5.66 min Scan# 481
Delta R.T. 0.00 min
Lab File: BG023407.D
Acq: 2 Aug 2016 22:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	59.0	88.4
63	35.0	37.8	56.8#





#7

Phenol-d6

Concen: 27.59 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023407.D

Acq: 2 Aug 2016 22:21

Instrument :

BNA_G

ClientSampleId :

KMW-4

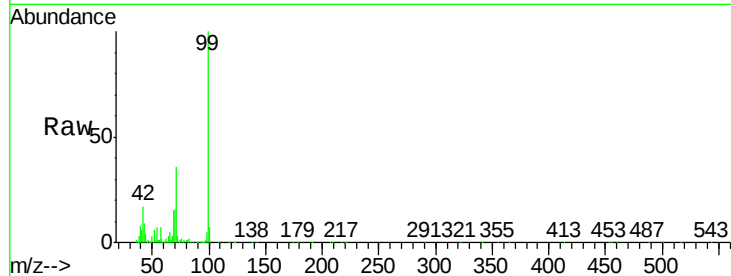
Tgt Ion: 99 Resp: 324550

Ion Ratio Lower Upper

99 100

42 16.5 17.8 26.6#

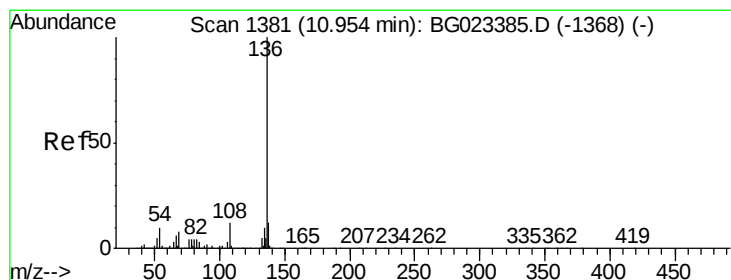
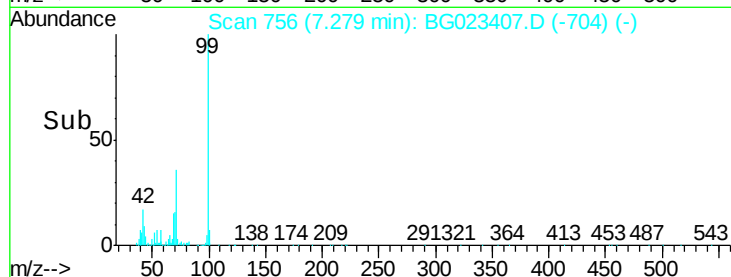
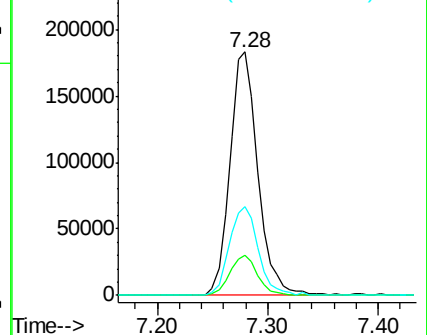
71 36.5 41.5 62.3#



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: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG023407.D

Acq: 2 Aug 2016 22:21

Tgt Ion: 136 Resp: 574244

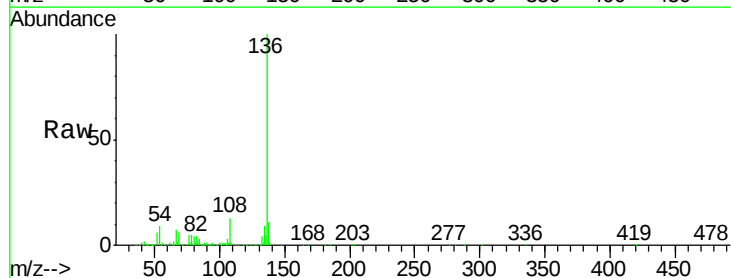
Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 9.3 7.3 10.9

68 6.5 5.3 7.9

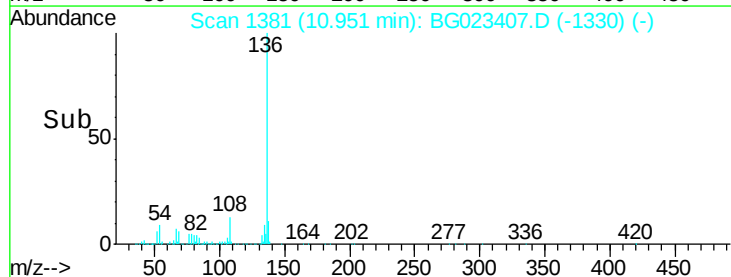
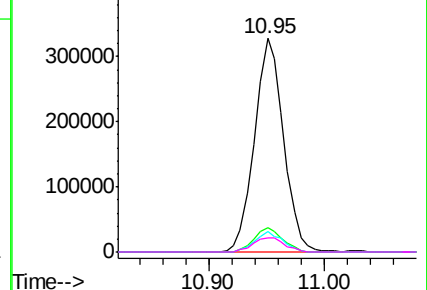


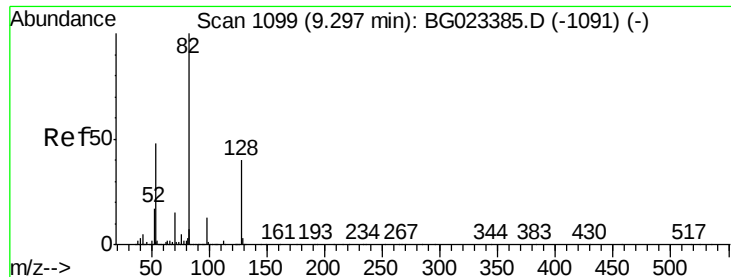
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

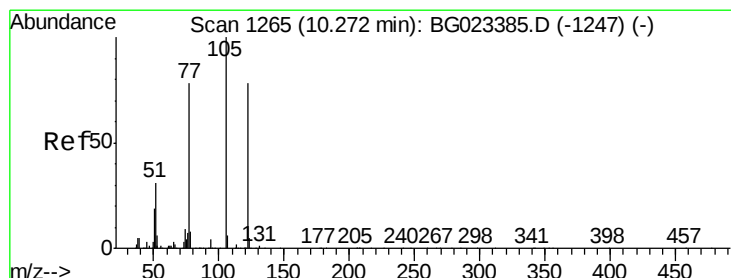
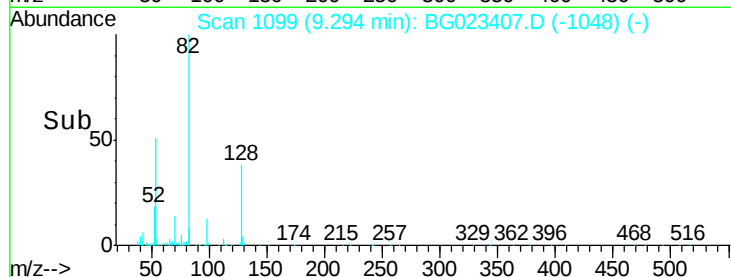
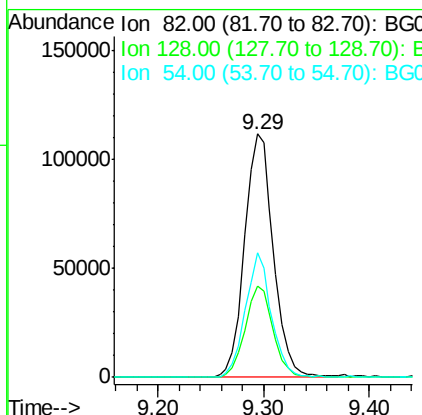
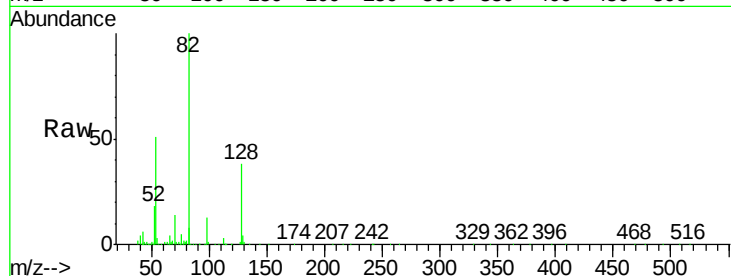




#23
 Nitrobenzene-d5
 Concen: 18.27 ng
 RT: 9.29 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG023407.D
 Acq: 2 Aug 2016 22:21

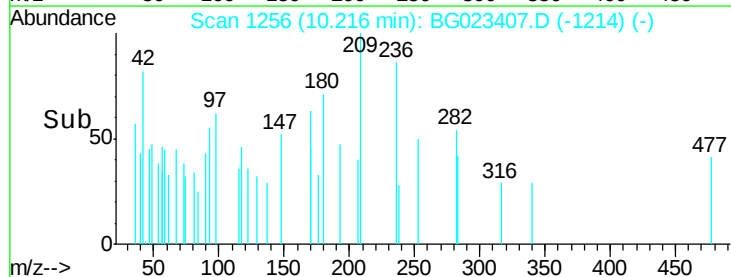
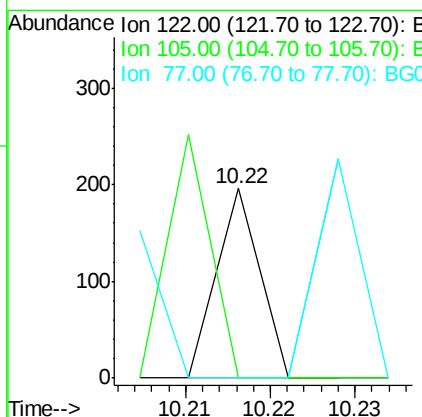
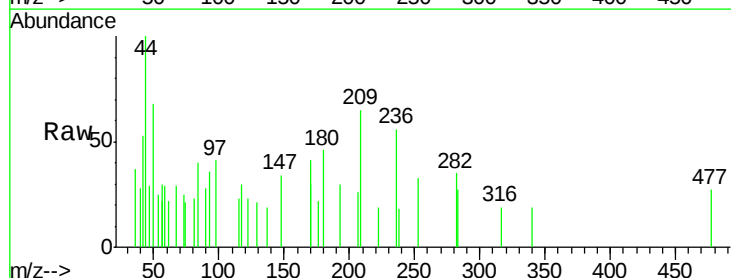
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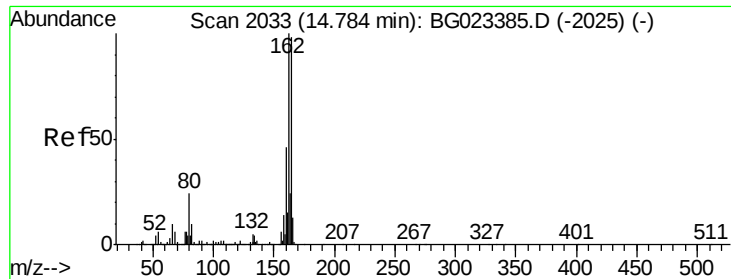
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	24.4	36.6#
54	51.0	41.4	62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.22 min Scan# 1256
 Delta R.T. -0.06 min
 Lab File: BG023407.D
 Acq: 2 Aug 2016 22:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG023407.D

Acq: 2 Aug 2016 22:21

Instrument :

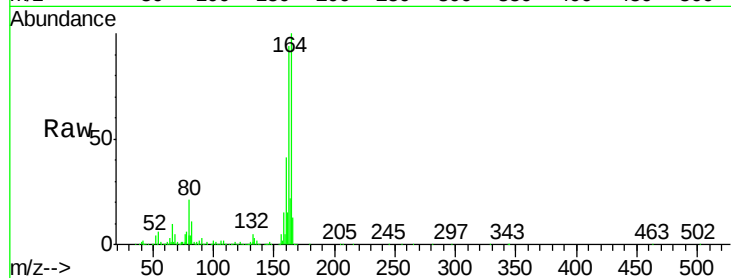
BNA_G

ClientSampleId :

KMW-4

Tgt Ion:164 Resp: 442212

Ion	Ratio	Lower	Upper
164	100		
162	94.5	87.7	131.5
160	41.0	37.2	55.8

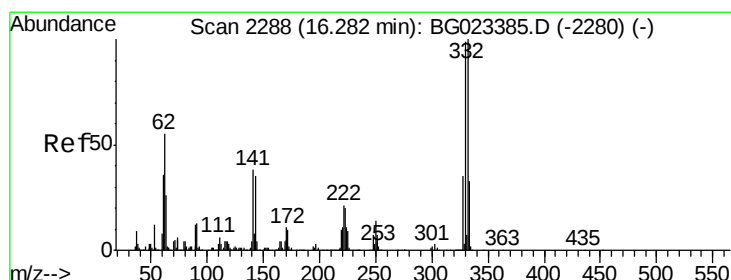
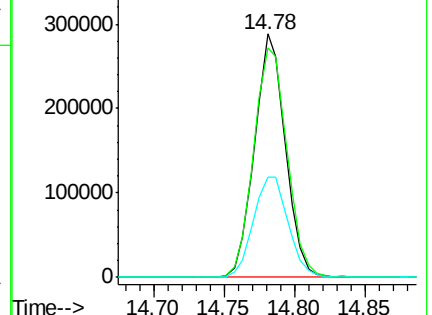
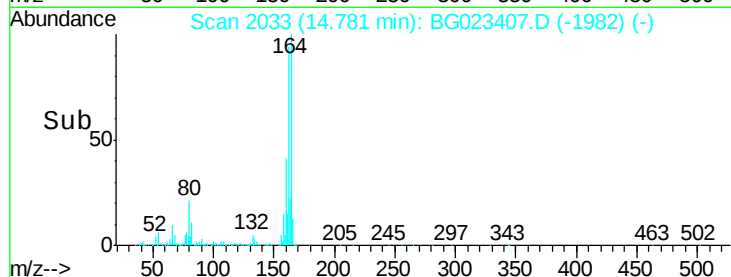


Abundance

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: 14.37 ng

RT: 16.28 min Scan# 2289

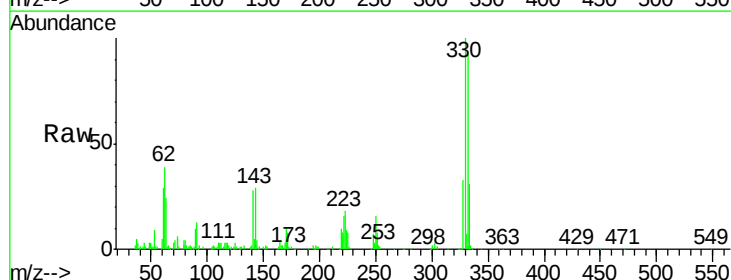
Delta R.T. 0.00 min

Lab File: BG023407.D

Acq: 2 Aug 2016 22:21

Tgt Ion:330 Resp: 92949

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	32.4	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

