

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
 Data File : BG023844.D
 Acq On : 22 Aug 2016 21:53
 Operator : UM/SJ
 Sample : H4500-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-66-081616

Quant Time: Aug 23 01:17:47 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	8.09	152	117575	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	488775	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	317312	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	757143	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	838957	20.00	ng	-0.02
86) Perylene-d12	25.23	264	824090	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	756061	108.24	ng	-0.03
7) Phenol-d6	7.25	99	1009378	92.78	ng	-0.02
23) Nitrobenzene-d5	9.27	82	807497	82.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.27	330	497984	107.30	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1540698	81.90	ng	-0.02
78) Terphenyl-d14	20.13	244	2304070	86.22	ng	-0.02

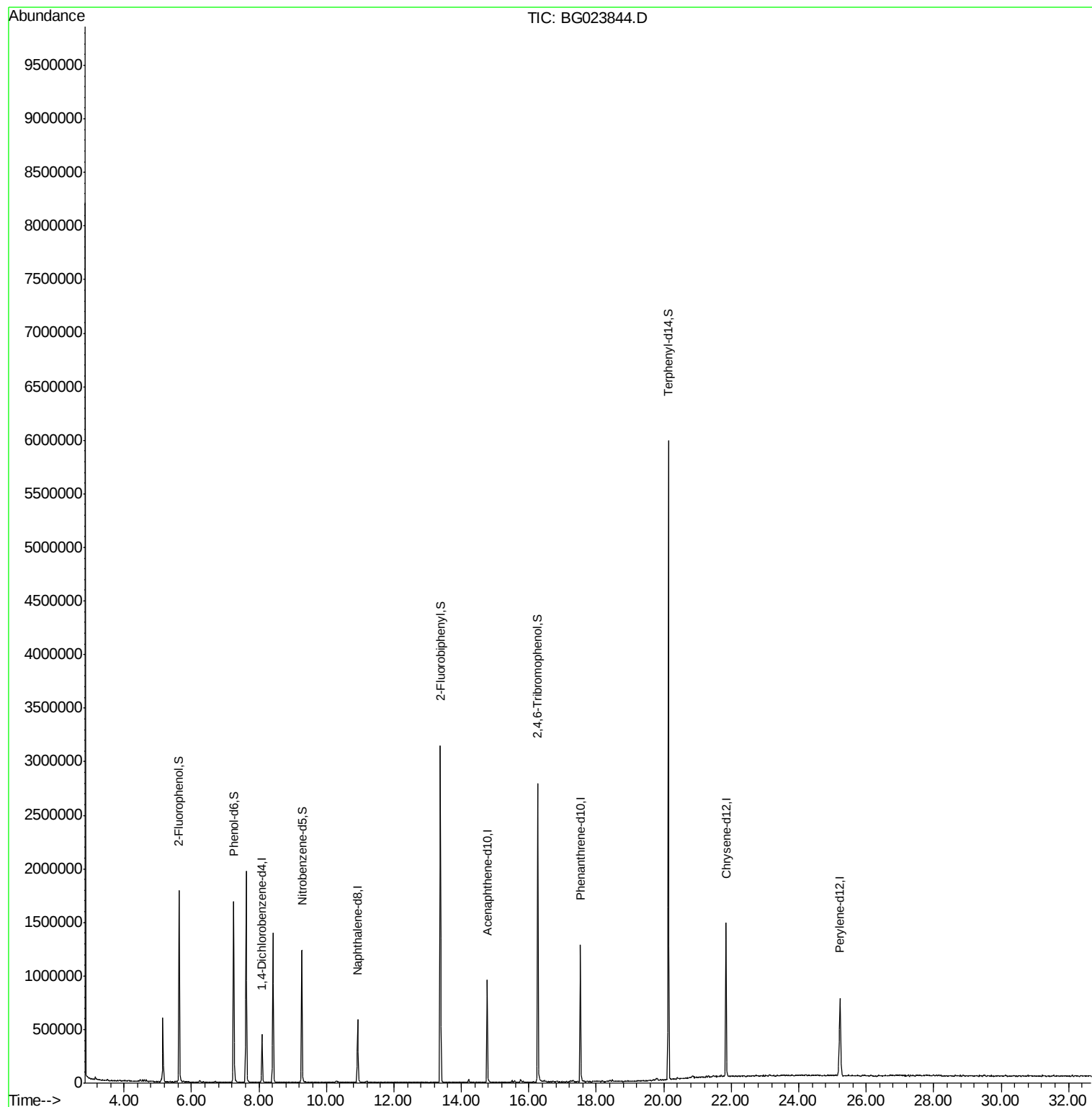
Target Compounds Qvalue

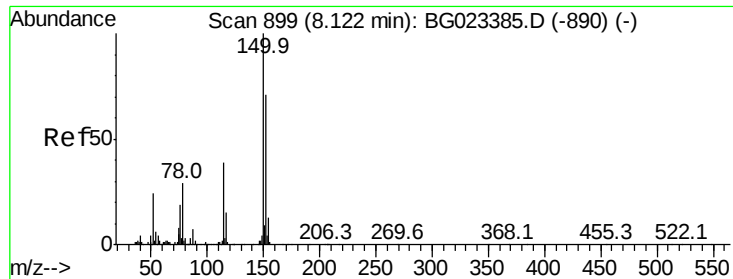
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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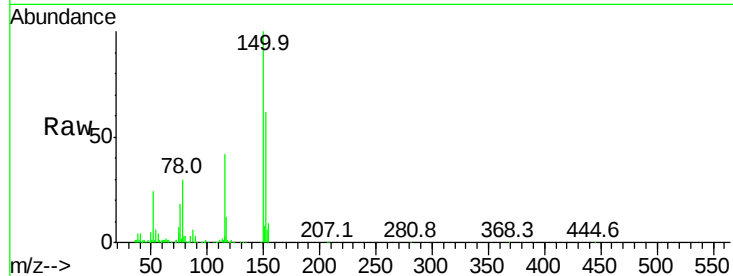


#1

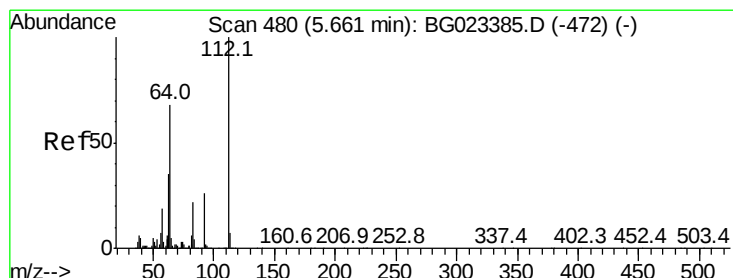
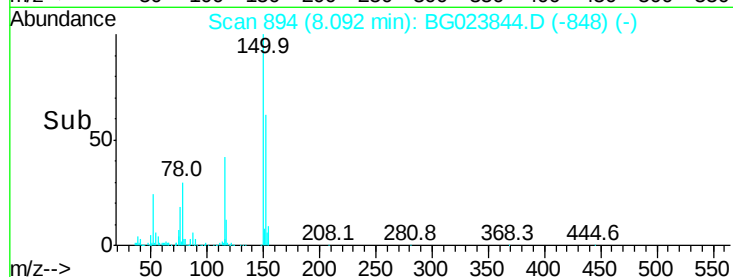
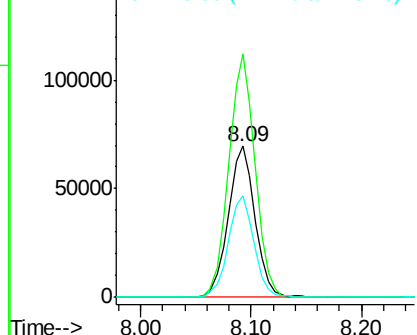
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023844.D
Acq: 22 Aug 2016 21:53

Instrument :
BNA_G
ClientSampleId :
HSR-WC-66-081616

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	144.7	217.1
115	67.2	64.0	96.0



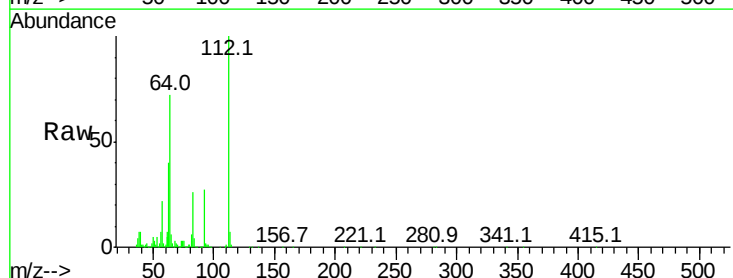
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



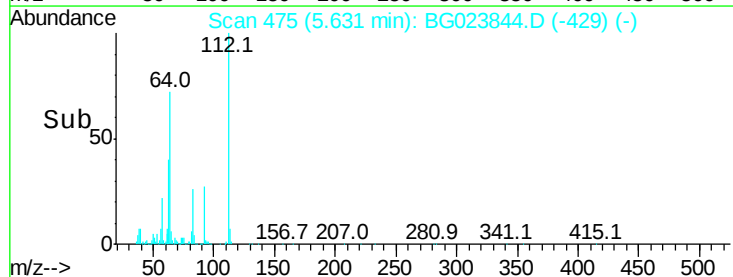
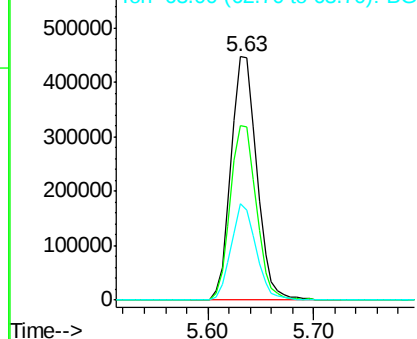
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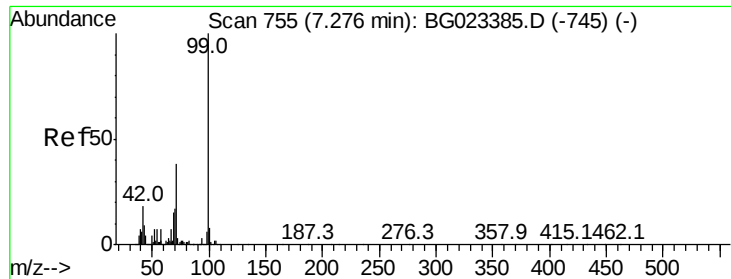
2-Fluorophenol
Concen: 108.24 ng
RT: 5.63 min Scan# 475
Delta R.T. -0.03 min
Lab File: BG023844.D
Acq: 22 Aug 2016 21:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	59.0	88.4
63	39.6	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: 92.78 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG023844.D

Acq: 22 Aug 2016 21:53

Instrument :

BNA_G

ClientSampleId :

HSR-WC-66-081616

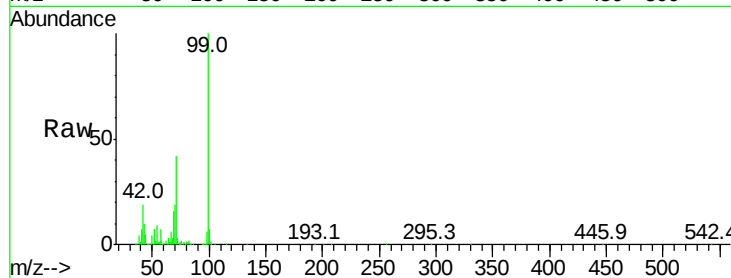
Tot Ion: 99 Resp: 1009378

Ion Ratio Lower Upper

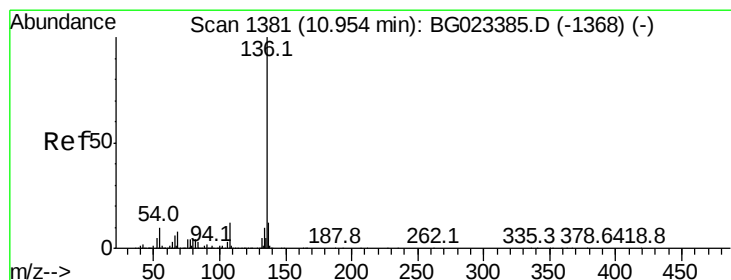
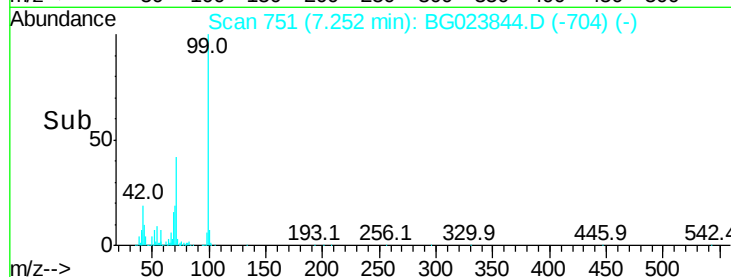
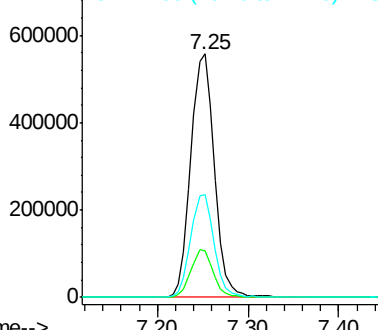
99 100

42 18.9 17.8 26.6

71 42.0 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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG023844.D

Acq: 22 Aug 2016 21:53

Tgt Ion: 136 Resp: 488775

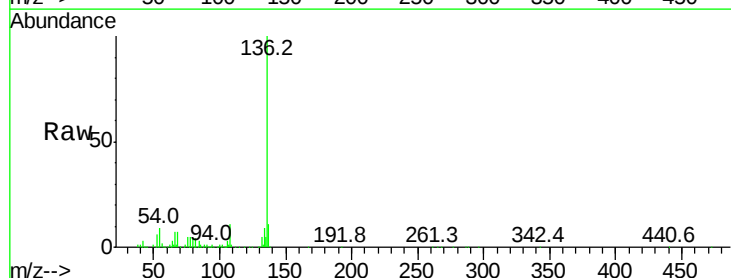
Ion Ratio Lower Upper

136 100

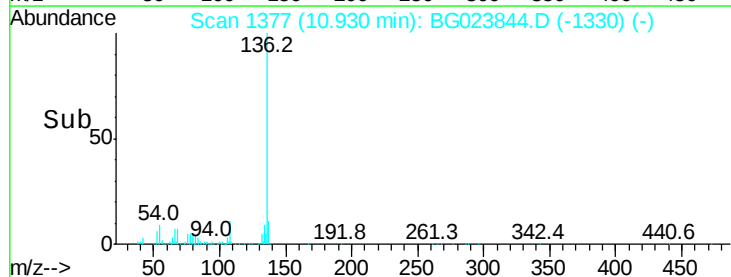
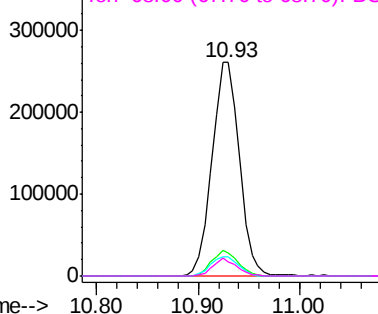
137 11.0 9.6 14.4

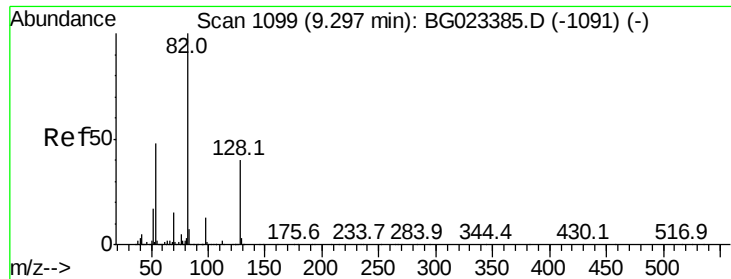
54 8.7 7.3 10.9

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

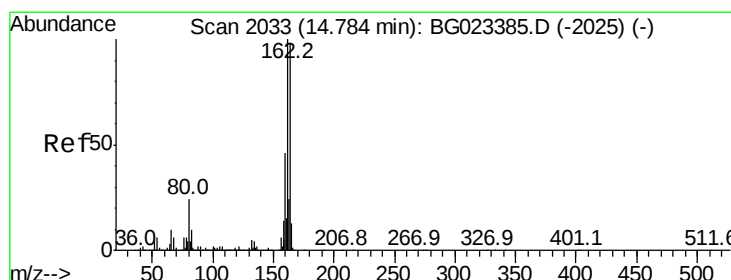
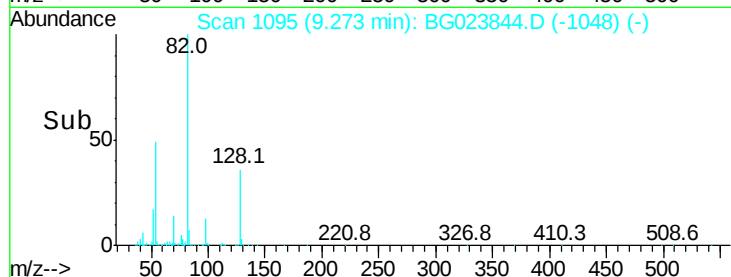
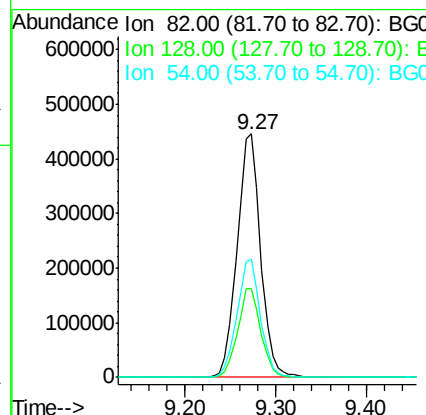
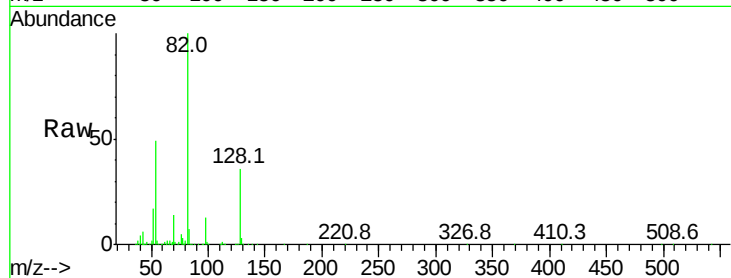




#23
 Nitrobenzene-d5
 Concen: 82.13 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BG023844.D
 Acq: 22 Aug 2016 21:53

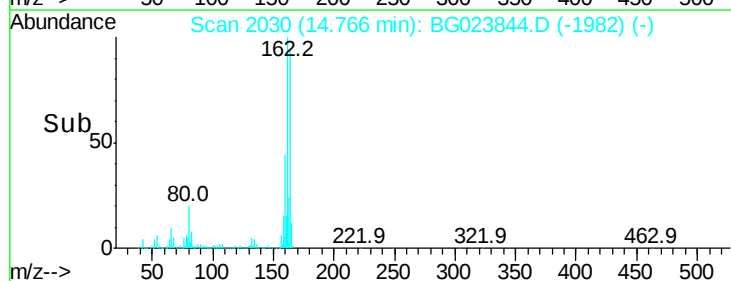
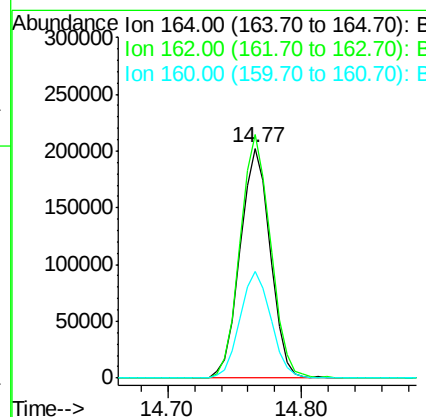
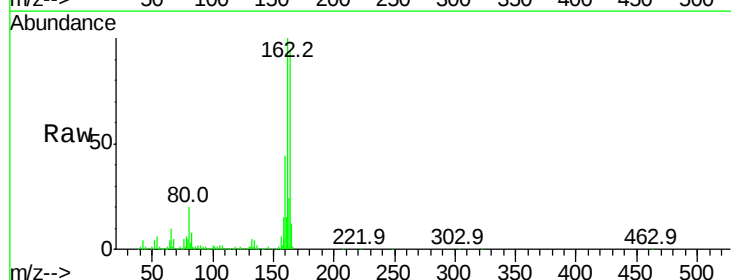
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-66-081616

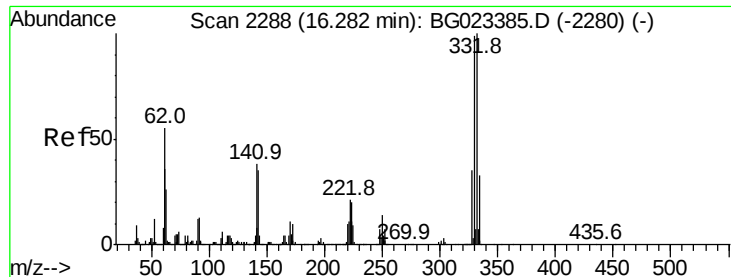
Tot Ion	82	Resp	807497
Ion Ratio	Lower	Upper	
82	100		
128	36.3	24.4	36.6
54	48.6	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023844.D
 Acq: 22 Aug 2016 21:53

Tgt Ion	164	Resp	317312
Ion Ratio	Lower	Upper	
164	100		
162	105.9	87.7	131.5
160	46.5	37.2	55.8

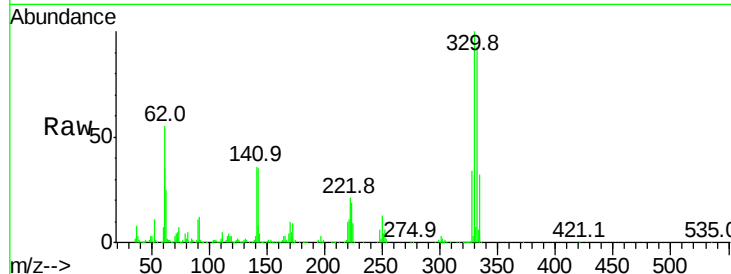




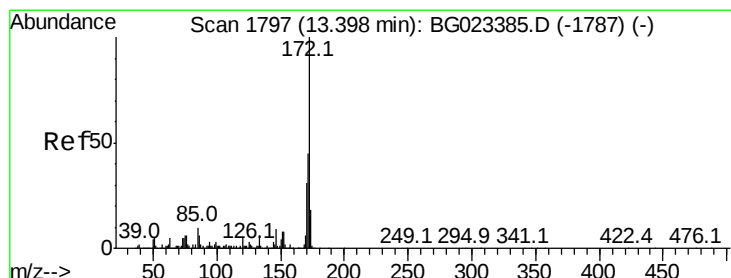
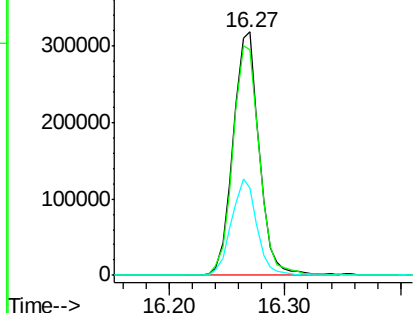
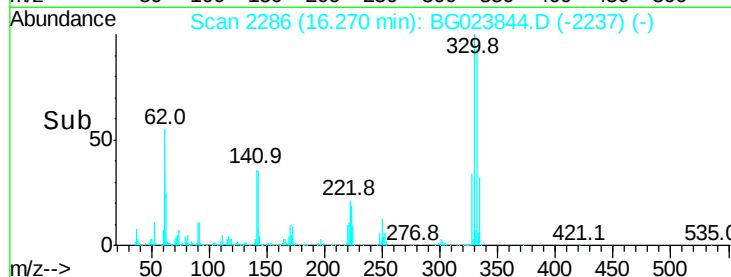
#41
 2,4,6-Tribromophenol
 Concen: 107.30 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BG023844.D
 Acq: 22 Aug 2016 21:53

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-66-081616

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	39.1	31.7	47.5

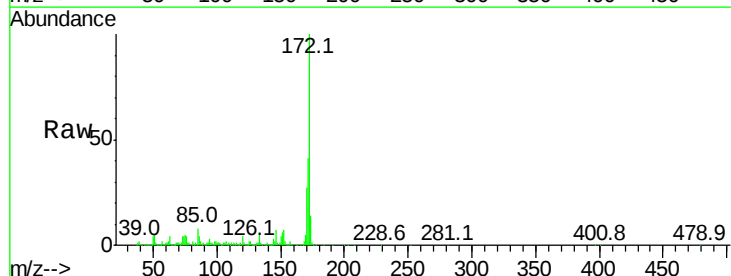


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

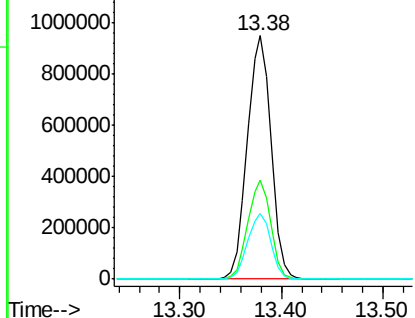
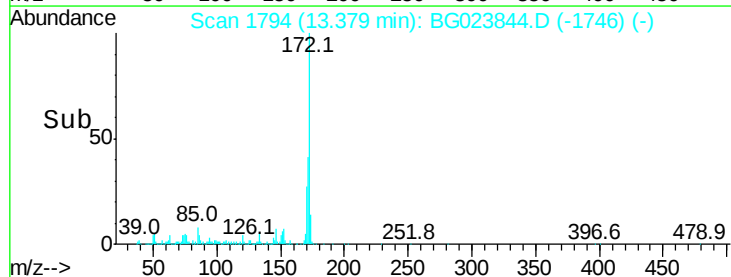


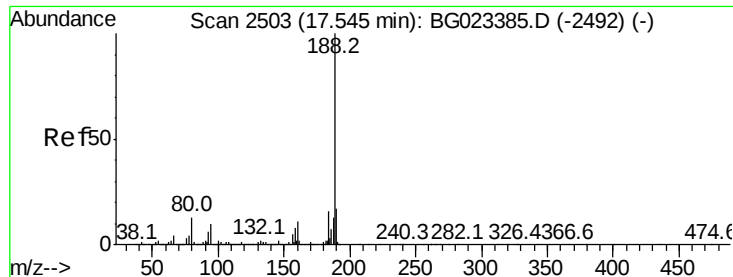
#44
 2-Fluorobiphenyl
 Concen: 81.90 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023844.D
 Acq: 22 Aug 2016 21:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.8	31.6	47.4
170	27.0	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

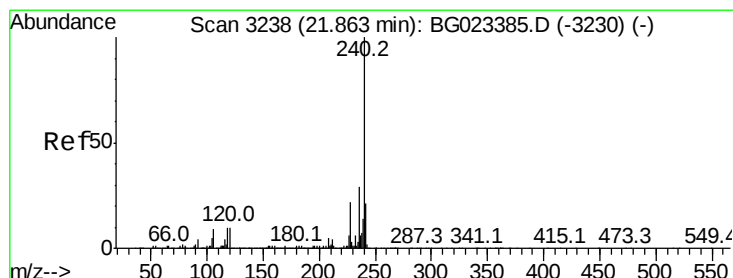
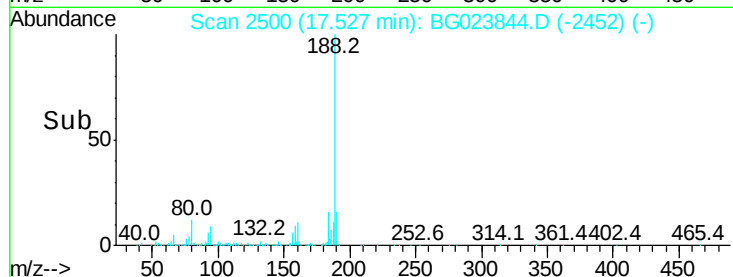
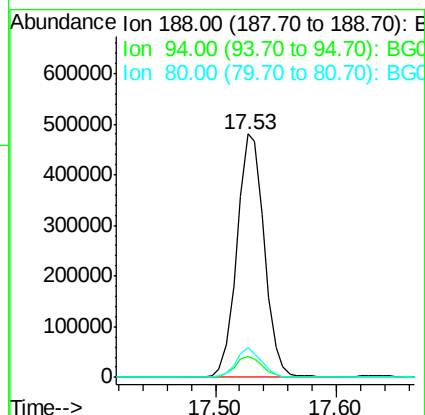
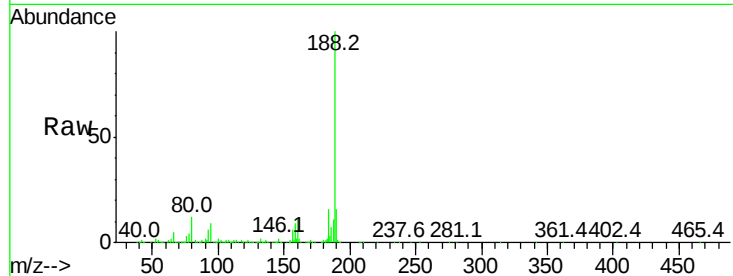




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2500
Delta R.T. -0.02 min
Lab File: BG023844.D
Acq: 22 Aug 2016 21:53

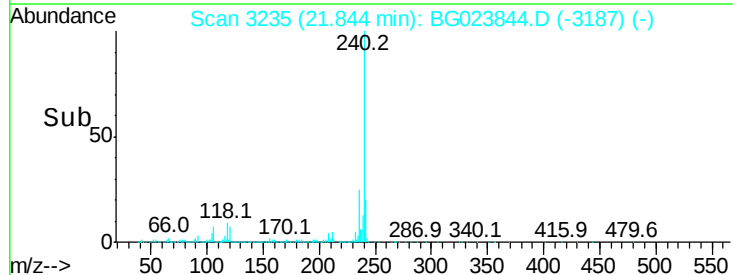
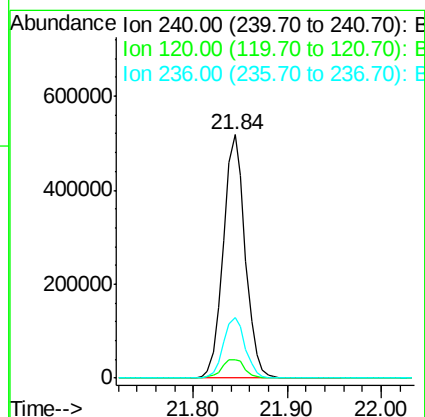
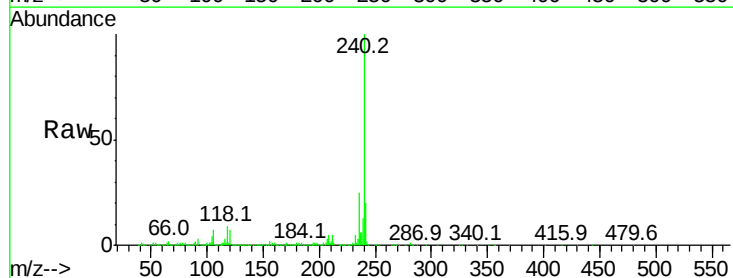
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BNA_G
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HSR-WC-66-081616

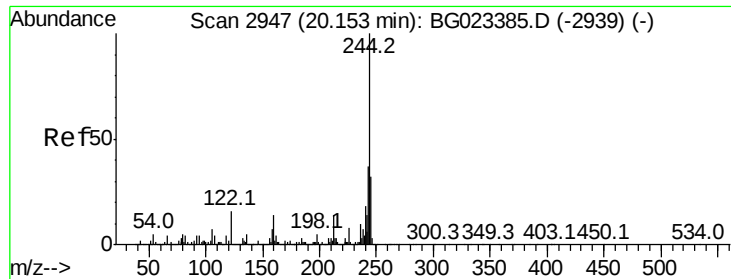
Tot Ion:188 Resp: 757143
Ion Ratio Lower Upper
188 100
94 8.5 5.2 7.8#
80 12.4 7.2 10.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG023844.D
Acq: 22 Aug 2016 21:53

Tgt Ion:240 Resp: 838957
Ion Ratio Lower Upper
240 100
120 7.3 4.1 6.1#
236 24.8 21.1 31.7



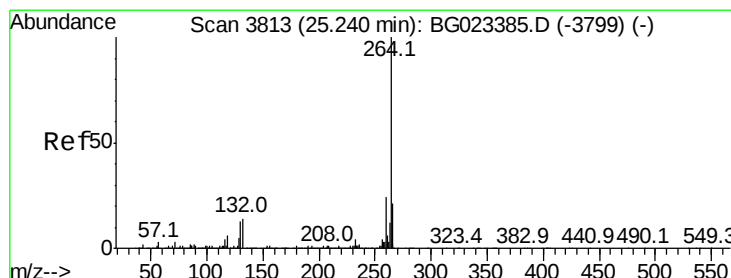
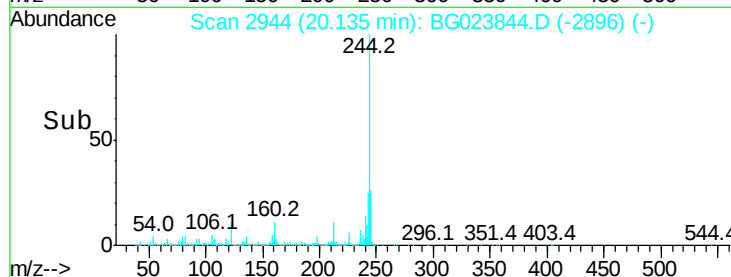
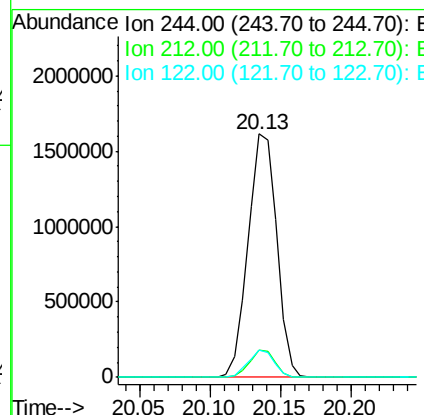
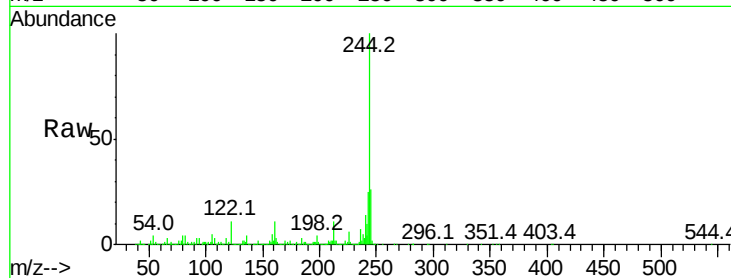


#78
 Terphenyl-d14
 Concen: 86.22 ng
 RT: 20.13 min Scan# 2944
 Delta R.T. -0.02 min
 Lab File: BG023844.D
 Acq: 22 Aug 2016 21:53

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-66-081616

Tot Ion:244 Resp: 2304070

Ion	Ratio	Lower	Upper
244	100		
212	11.3	10.8	16.2
122	11.3	8.0	12.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.23 min Scan# 3811
 Delta R.T. -0.01 min
 Lab File: BG023844.D
 Acq: 22 Aug 2016 21:53

Tgt Ion:264 Resp: 824090

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	22.3	18.9	28.3

