

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081516\
 Data File : BG023724.D
 Acq On : 15 Aug 2016 17:12
 Operator : UM/SJ
 Sample : H4415-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-64-080916

Quant Time: Aug 16 01:12:23 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	144492	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	672316	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	448009	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	892232	20.00	ng	0.01
75) Chrysene-d12	21.88	240	799834	20.00	ng	0.02
86) Perylene-d12	25.30	264	778256	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1231441	143.46	ng	0.00
7) Phenol-d6	7.28	99	1724128	128.95	ng	0.00
23) Nitrobenzene-d5	9.31	82	1360794	100.63	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	864503	131.93	ng	0.01
44) 2-Fluorobiphenyl	13.41	172	2564302	96.54	ng	0.00
78) Terphenyl-d14	20.17	244	2656261	109.43	ng	0.01

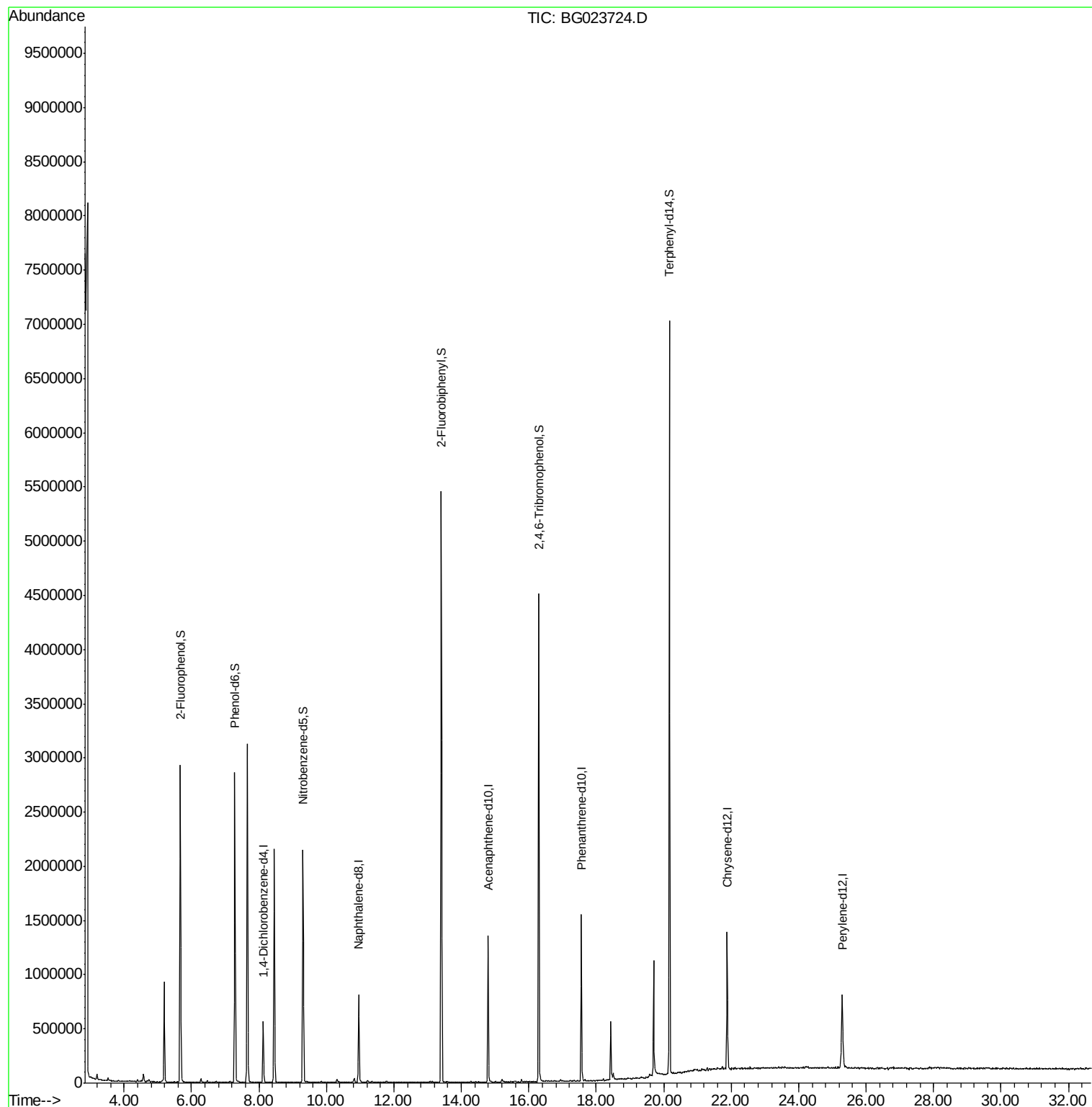
Target Compounds	Qvalue
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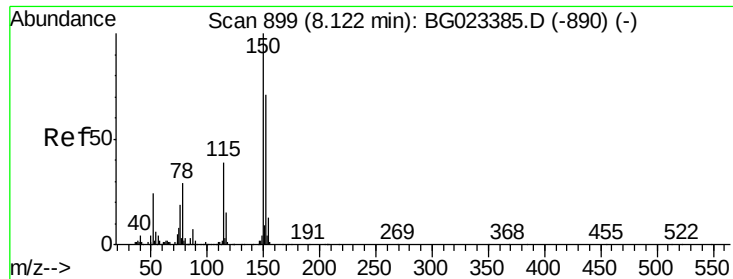
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

Instrument :

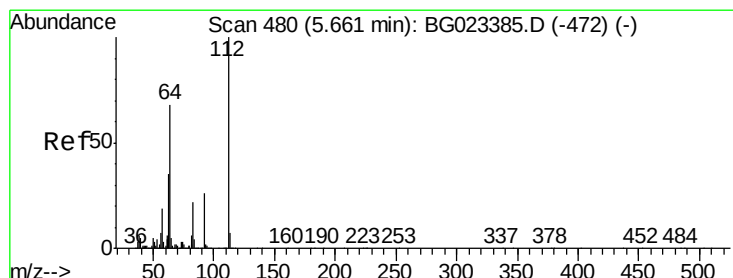
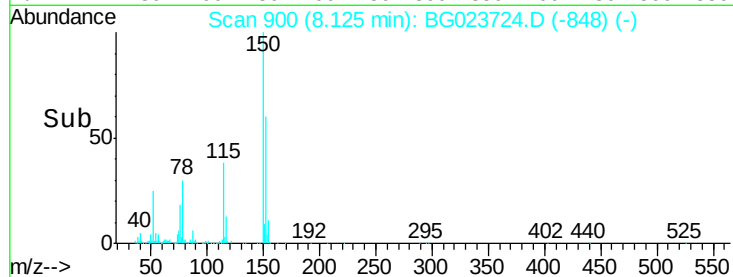
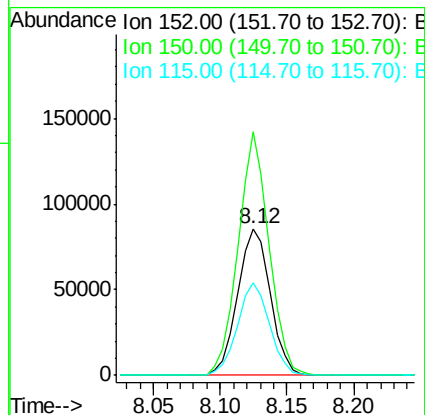
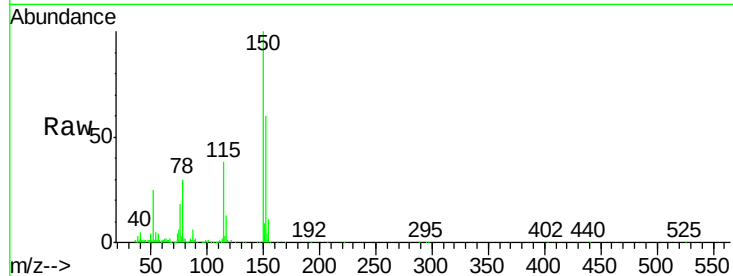
BNA_G

ClientSampleId :

HSR-WC-64-080916

Tgt Ion:152 Resp: 144492

Ion	Ratio	Lower	Upper
152	100		
150	165.9	144.7	217.1
115	62.8	64.0	96.0



#5

2-Fluorophenol

Concen: 143.46 ng

RT: 5.67 min Scan# 482

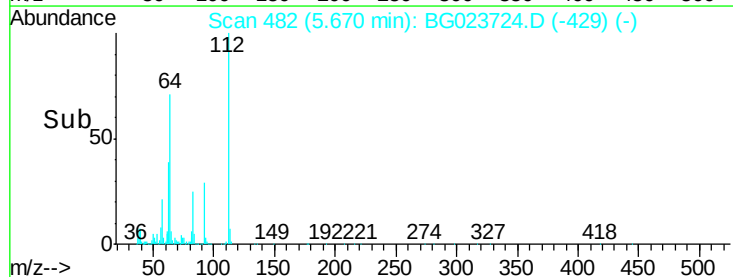
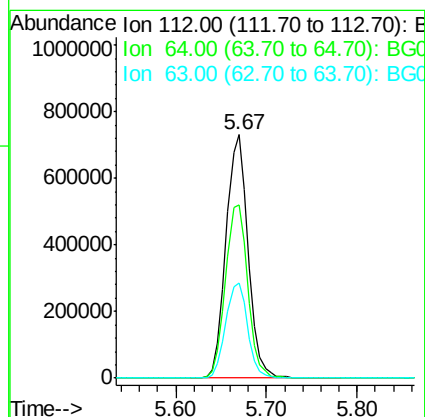
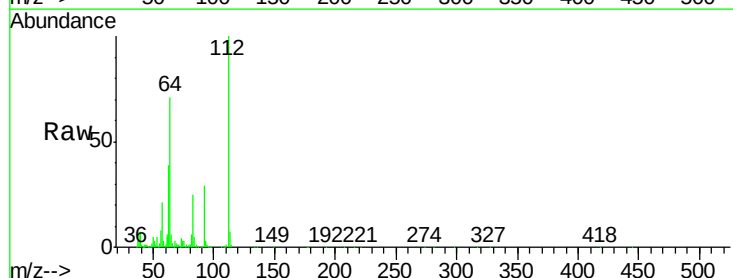
Delta R.T. 0.01 min

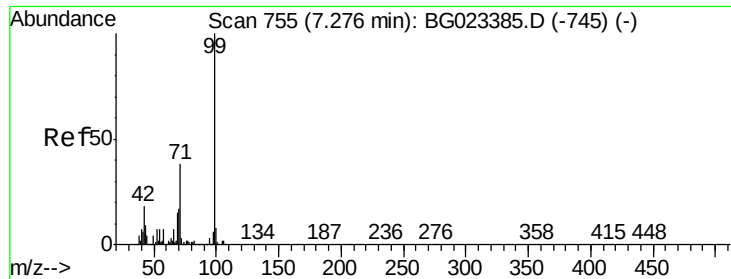
Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

Tgt Ion:112 Resp: 1231441

Ion	Ratio	Lower	Upper
112	100		
64	71.3	59.0	88.4
63	39.3	37.8	56.8





#7

Phenol-d6

Concen: 128.95 ng

RT: 7.28 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

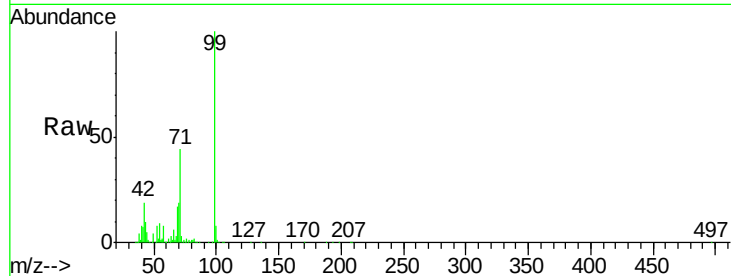
Tgt Ion: 99 Resp: 1724128

Ion Ratio Lower Upper

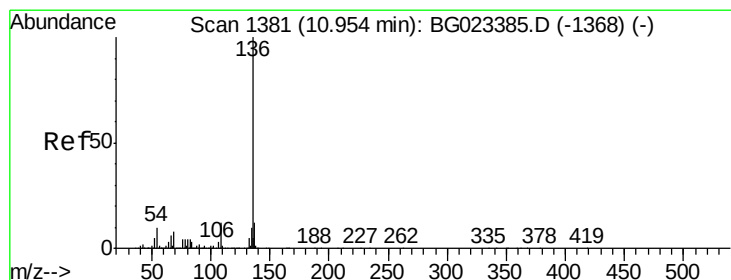
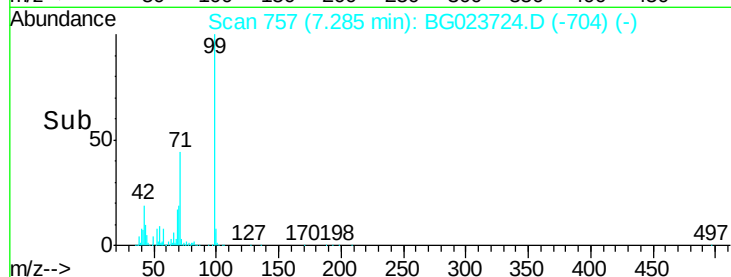
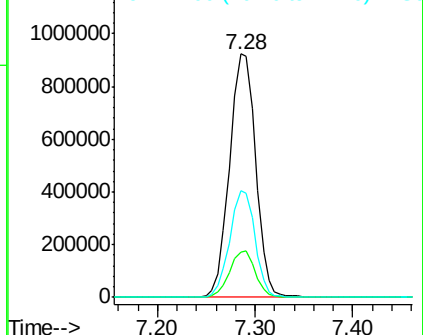
99 100

42 18.8 17.8 26.6

71 43.7 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: 10.96 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

Tgt Ion: 136 Resp: 672316

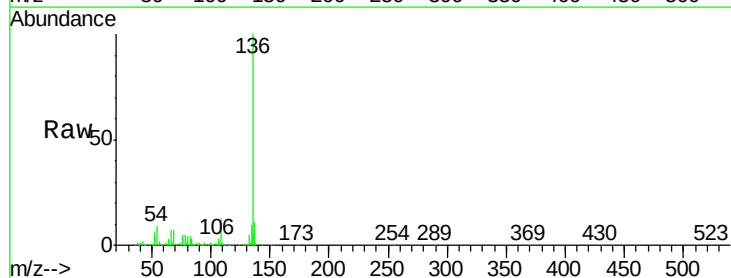
Ion Ratio Lower Upper

136 100

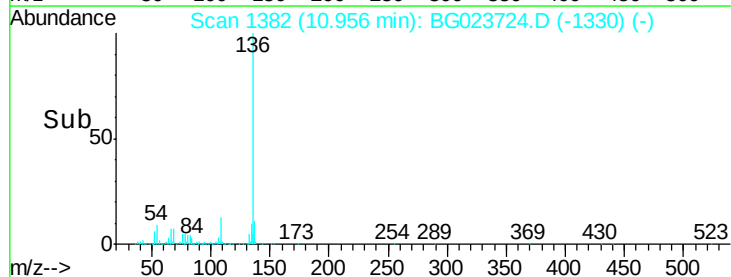
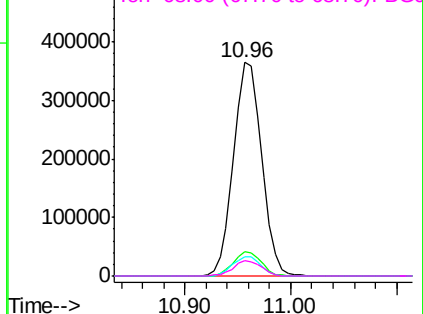
137 11.4 9.6 14.4

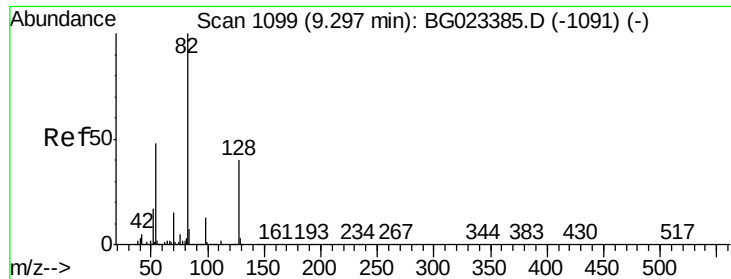
54 9.1 7.3 10.9

68 7.0 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

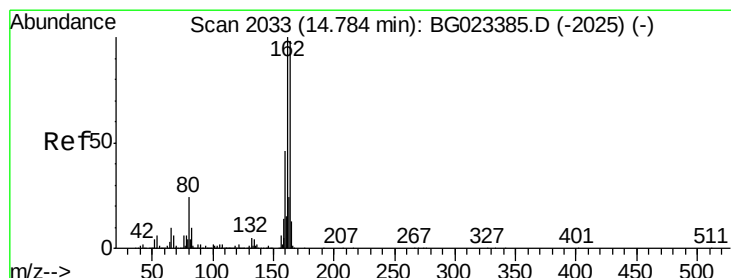
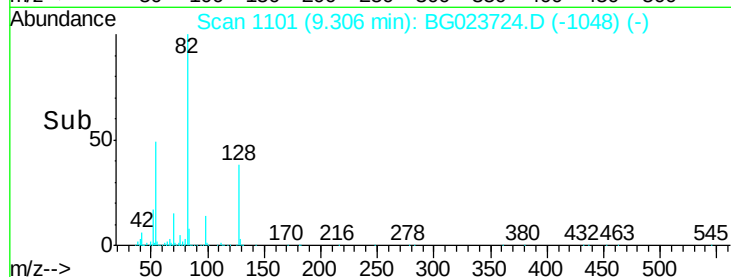
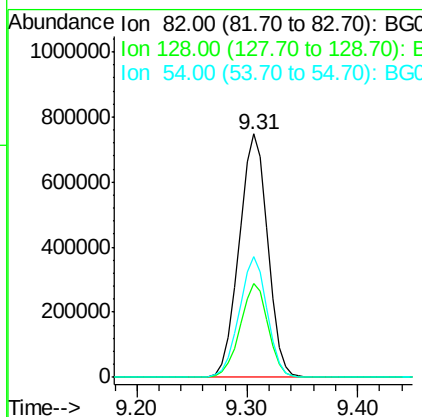
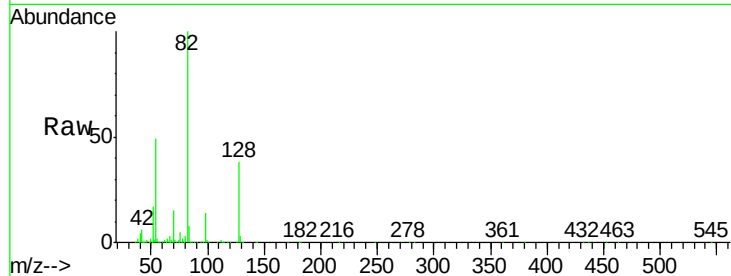




#23
 Nitrobenzene-d5
 Concen: 100.63 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BG023724.D
 Acq: 15 Aug 2016 17:12

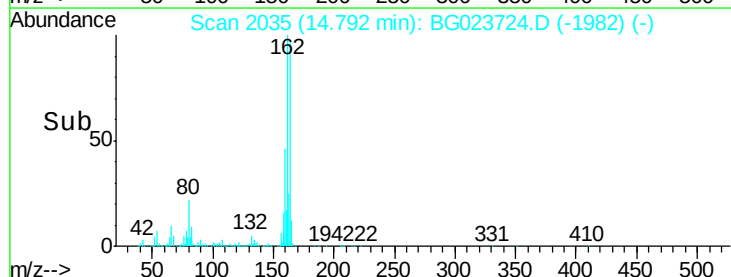
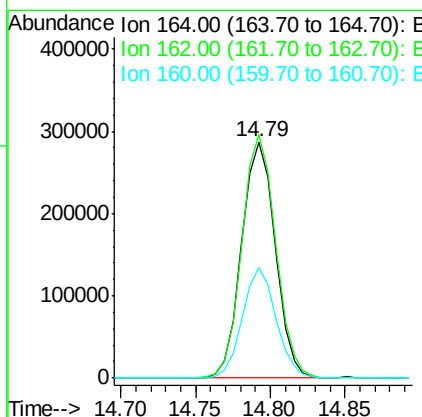
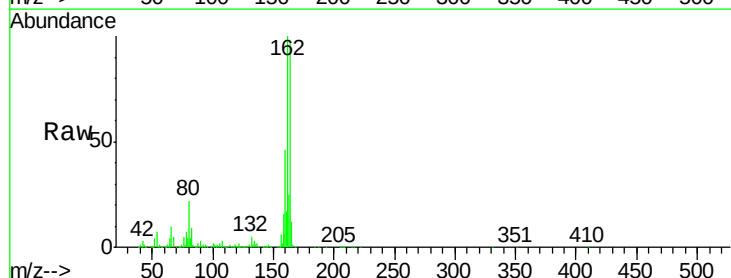
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-64-080916

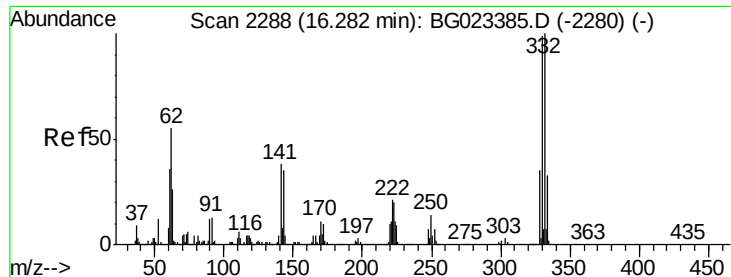
Tgt Ion: 82 Resp: 1360794
 Ion Ratio Lower Upper
 82 100
 128 38.5 24.4 36.6#
 54 49.5 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BG023724.D
 Acq: 15 Aug 2016 17:12

Tgt Ion: 164 Resp: 448009
 Ion Ratio Lower Upper
 164 100
 162 103.1 87.7 131.5
 160 47.0 37.2 55.8

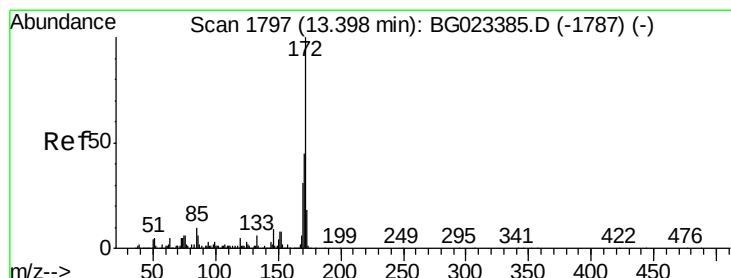
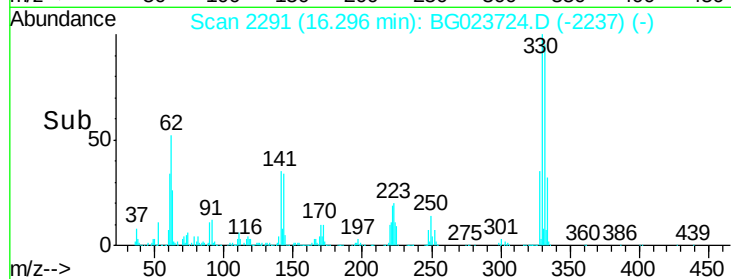
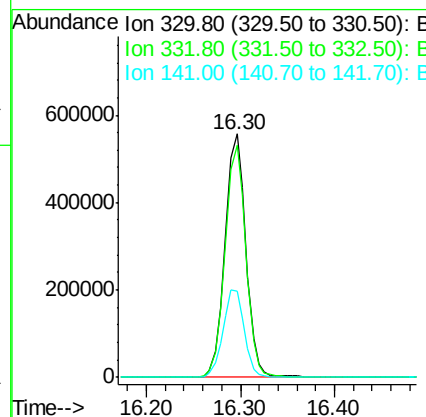
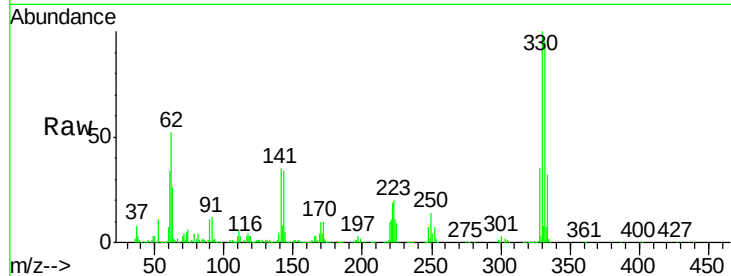




#41
 2,4,6-Tribromophenol
 Concen: 131.93 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.01 min
 Lab File: BG023724.D
 Acq: 15 Aug 2016 17:12

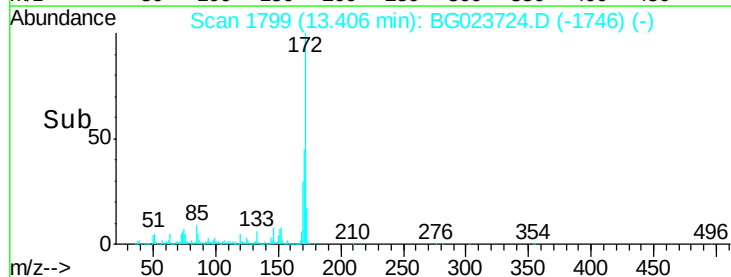
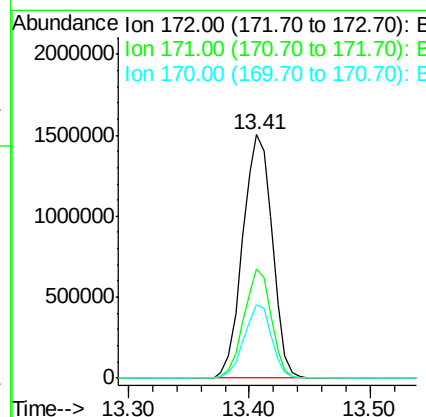
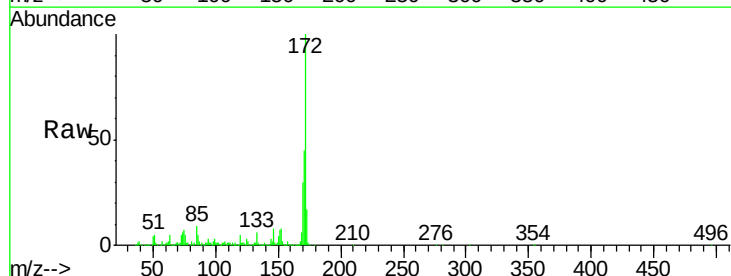
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-64-080916

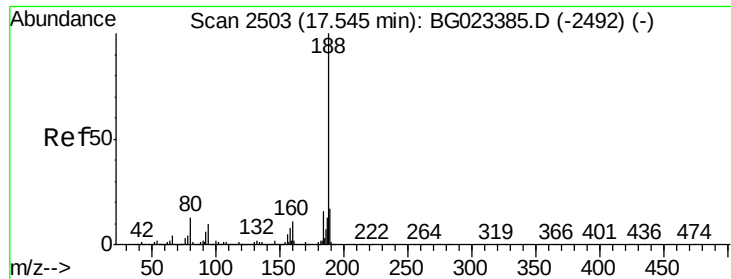
Tgt Ion:330 Resp: 864503
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 36.5 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 96.54 ng
 RT: 13.41 min Scan# 1799
 Delta R.T. 0.01 min
 Lab File: BG023724.D
 Acq: 15 Aug 2016 17:12

Tgt Ion:172 Resp: 2564302
 Ion Ratio Lower Upper
 172 100
 171 44.7 31.6 47.4
 170 30.0 21.3 31.9

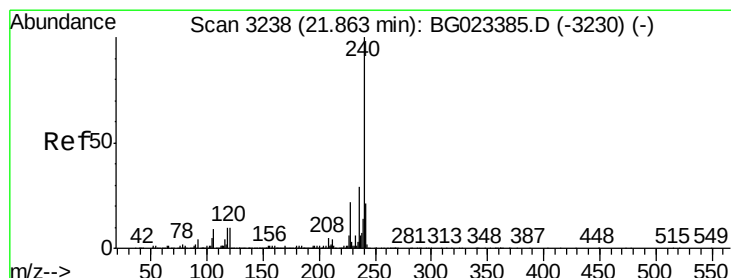
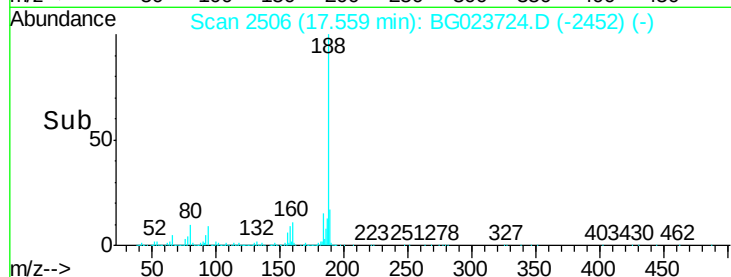
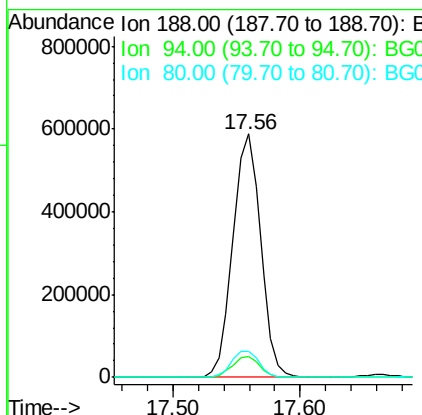
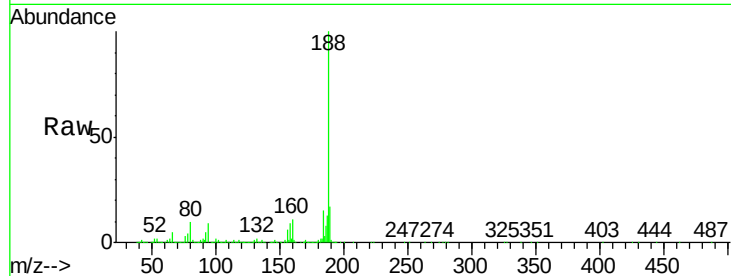




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. 0.01 min
Lab File: BG023724.D
Acq: 15 Aug 2016 17:12

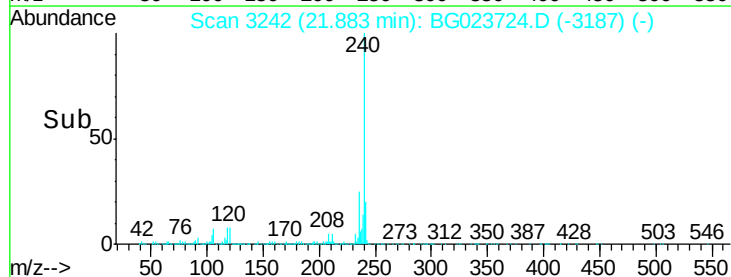
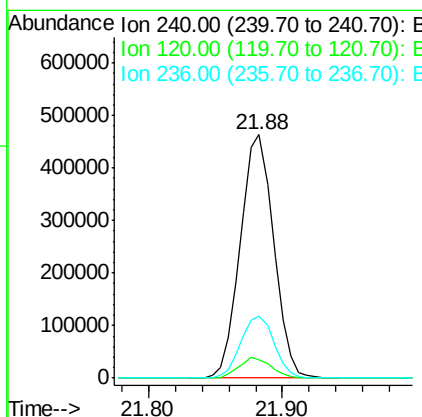
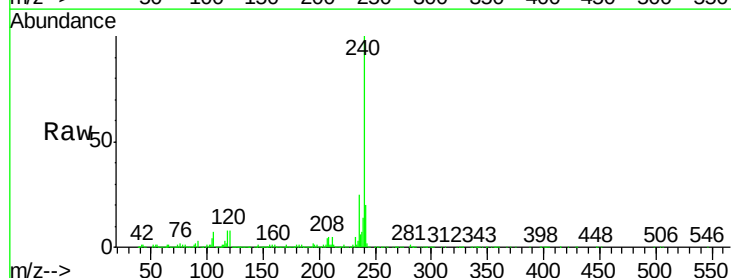
Instrument :
BNA_G
ClientSampleId :
HSR-WC-64-080916

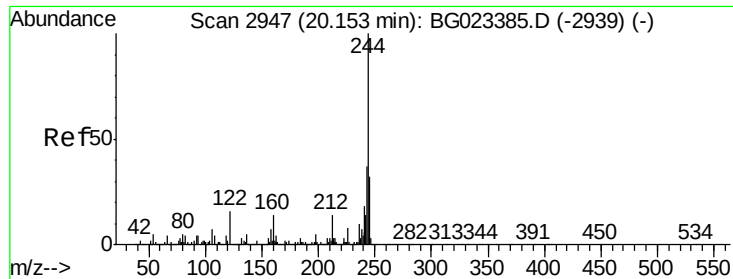
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.2	7.8#
80	10.5	7.2	10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. 0.02 min
Lab File: BG023724.D
Acq: 15 Aug 2016 17:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	4.1	6.1#
236	25.2	21.1	31.7





#78

Terphenyl-d14

Concen: 109.43 ng

RT: 20.17 min Scan# 2950

Delta R.T. 0.01 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

Instrument :

BNA_G

ClientSampleId :

HSR-WC-64-080916

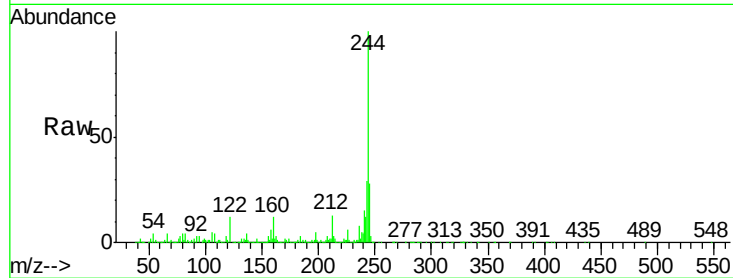
Tgt Ion:244 Resp: 2656261

Ion Ratio Lower Upper

244 100

212 13.1 10.8 16.2

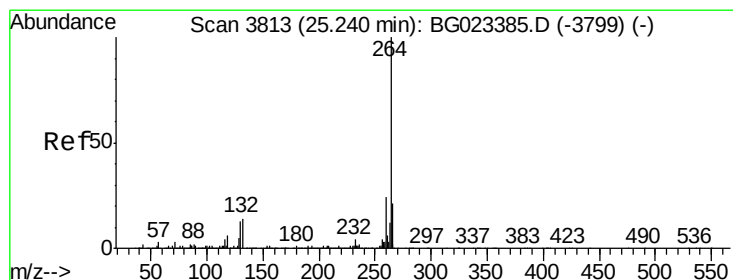
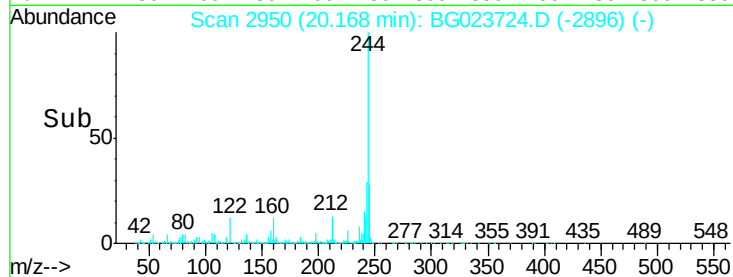
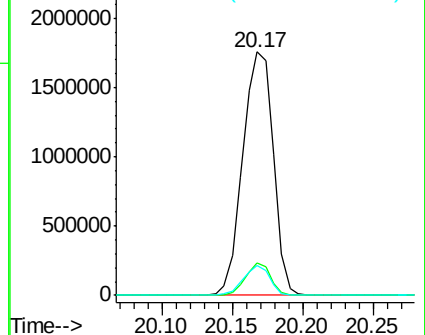
122 12.4 8.0 12.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.30 min Scan# 3823

Delta R.T. 0.06 min

Lab File: BG023724.D

Acq: 15 Aug 2016 17:12

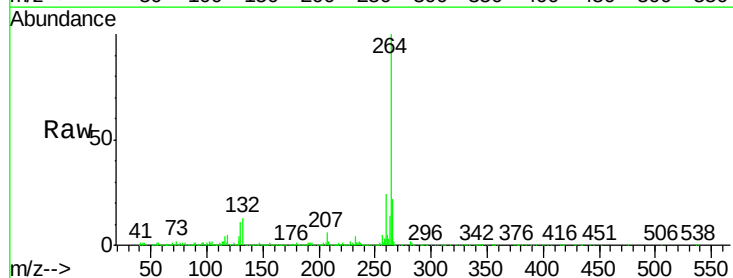
Tgt Ion:264 Resp: 778256

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 22.2 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

