

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
 Data File : BG028785.D
 Acq On : 16 Sep 2017 4:02
 Operator : SJ/JU
 Sample : I5187-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170609-COMP-A

Quant Time: Sep 16 05:00:32 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

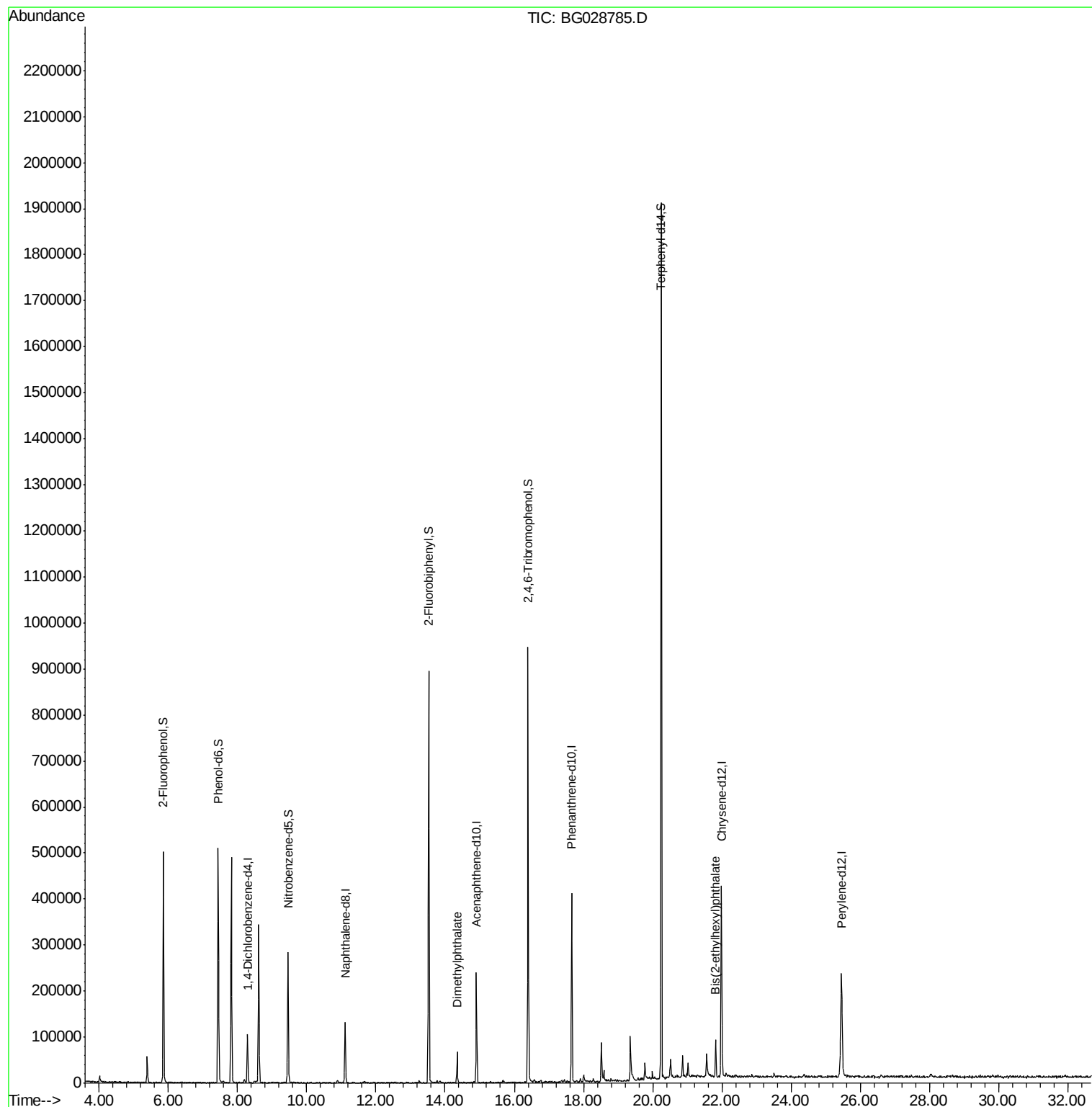
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	28077	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	118210	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	89898	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	252485	20.00	ng	-0.03
75) Chrysene-d12	21.99	240	289394	20.00	ng	-0.04
86) Perylene-d12	25.45	264	303874	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	215152	126.44	ng	-0.04
7) Phenol-d6	7.45	99	303486	118.46	ng	-0.04
23) Nitrobenzene-d5	9.46	82	187018	75.68	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	205045	137.90	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	487984	72.38	ng	-0.04
78) Terphenyl-d14	20.25	244	904311	66.64	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.35	163	47755	6.335	ng	Qvalue 96
83) Bis(2-ethylhexyl)phthalate	21.82	149	34837	3.635	ng	97

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

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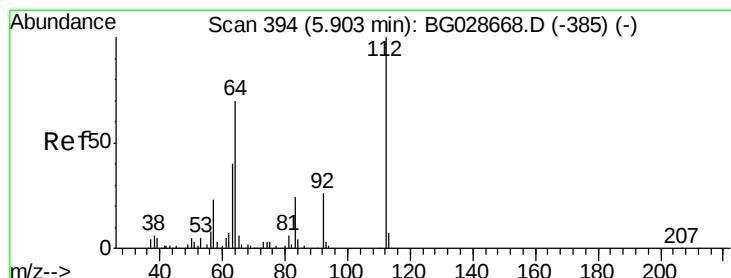
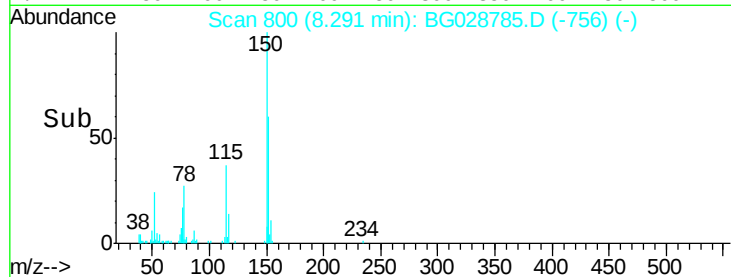
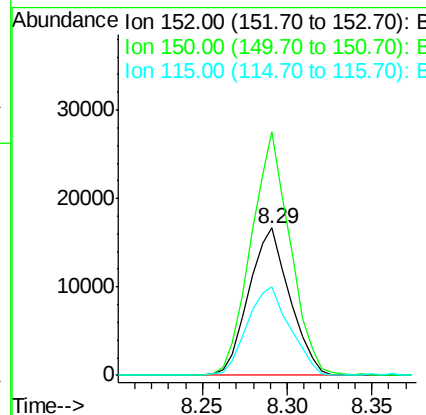
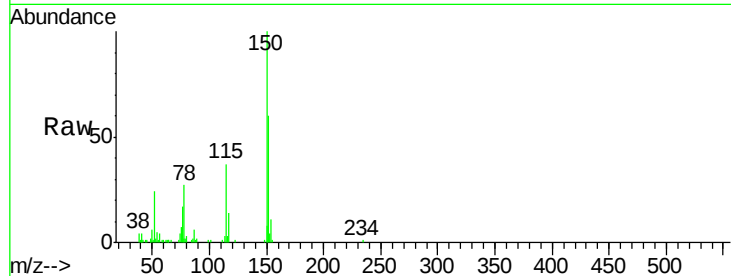


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028785.D
Acq: 16 Sep 2017 4:02

Instrument :
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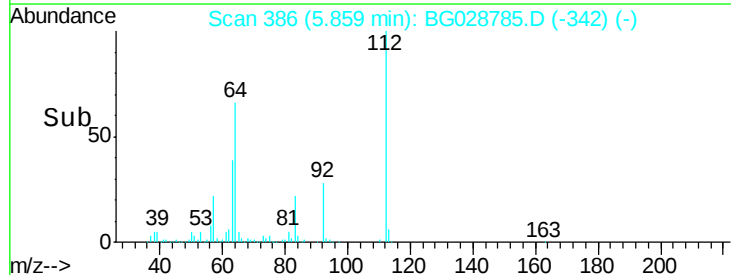
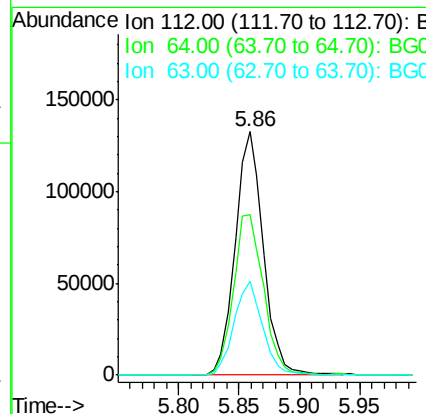
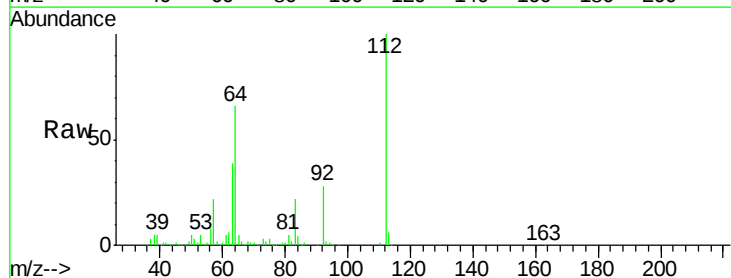
Tgt Ion:152 Resp: 28077
Ion Ratio Lower Upper
152 100
150 165.6 114.0 171.0
115 60.7 48.1 72.1

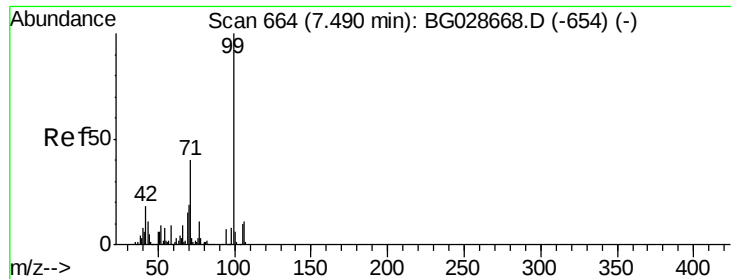


#5

2-Fluorophenol
Concen: 126.442 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.04 min
Lab File: BG028785.D
Acq: 16 Sep 2017 4:02

Tgt Ion:112 Resp: 215152
Ion Ratio Lower Upper
112 100
64 65.9 61.8 92.6
63 38.6 37.2 55.8





#7

Phenol-d6

Concen: 118.459 ng

RT: 7.45 min Scan# 656

Delta R.T. -0.04 min

Lab File: BG028785.D

Acq: 16 Sep 2017 4:02

Instrument :

BNA_G

ClientSampleId :

20170609-COMP-A

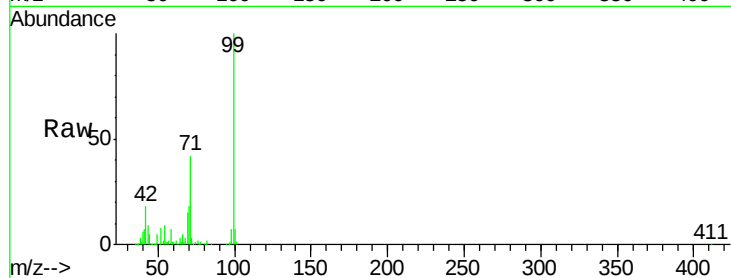
Tgt Ion: 99 Resp: 303486

Ion Ratio Lower Upper

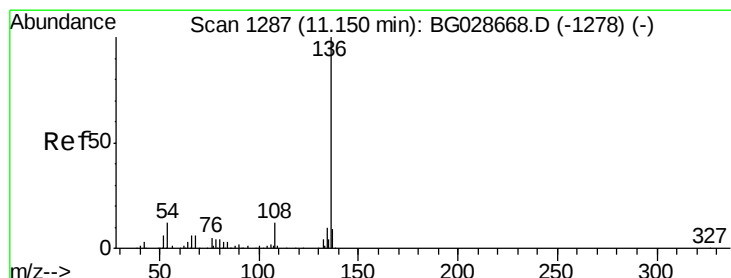
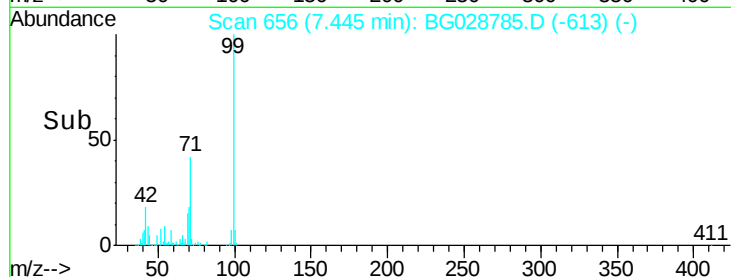
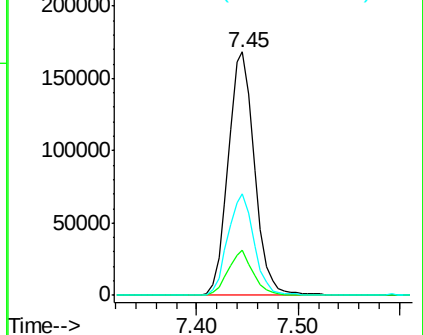
99 100

42 18.5 20.5 30.7#

71 41.8 37.6 56.4



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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028785.D

Acq: 16 Sep 2017 4:02

Tgt Ion: 136 Resp: 118210

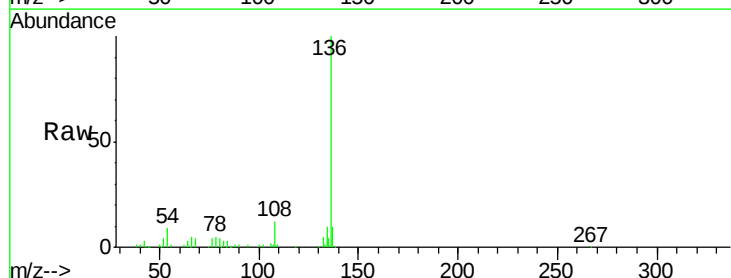
Ion Ratio Lower Upper

136 100

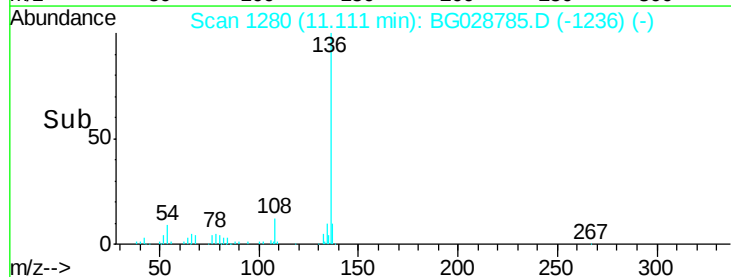
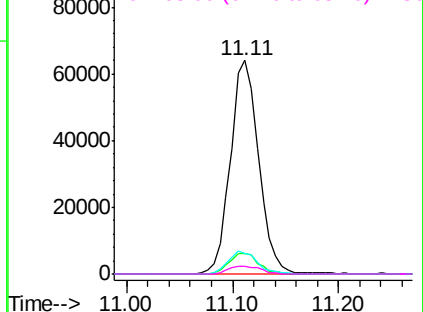
137 9.7 8.9 13.3

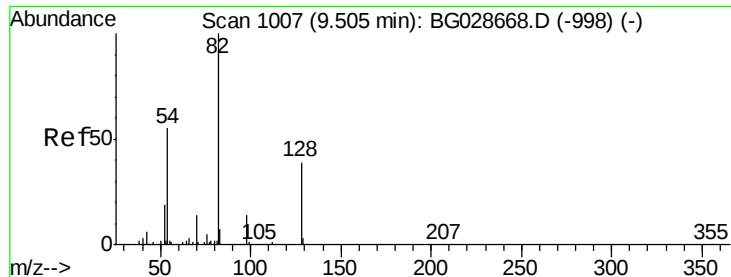
54 9.3 9.3 13.9

68 3.9 5.1 7.7#



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

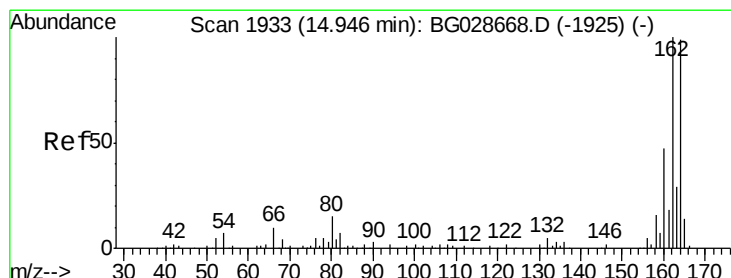
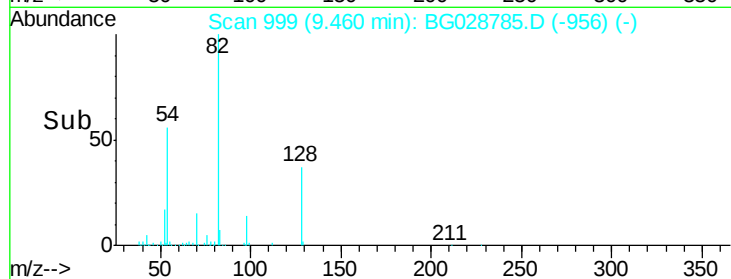
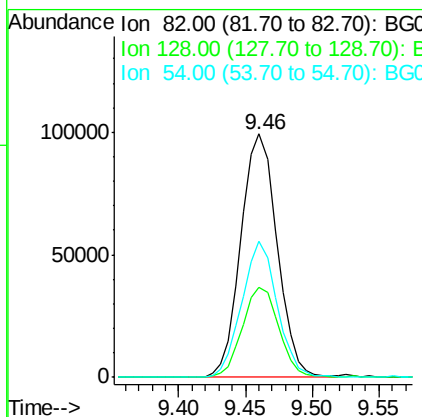
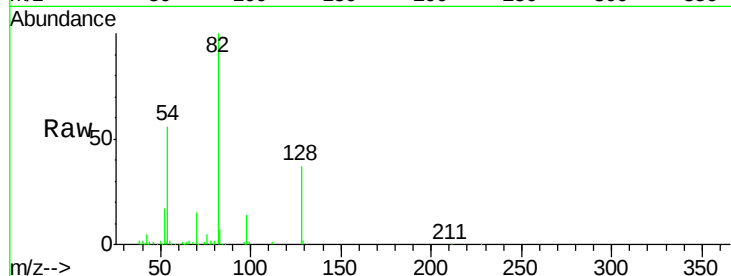




#23
 Nitrobenzene-d5
 Concen: 75.683 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.04 min
 Lab File: BG028785.D
 Acq: 16 Sep 2017 4:02

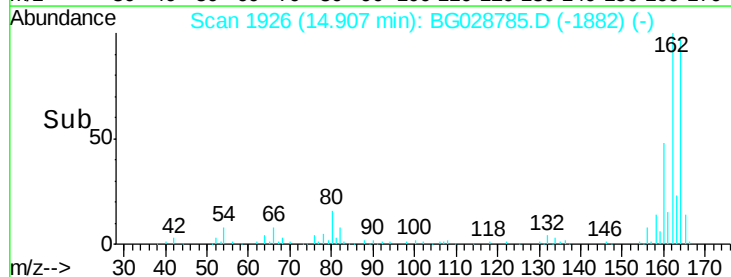
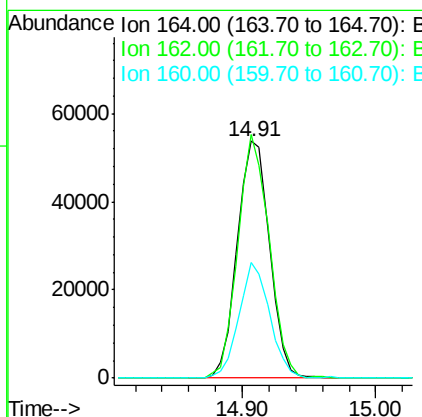
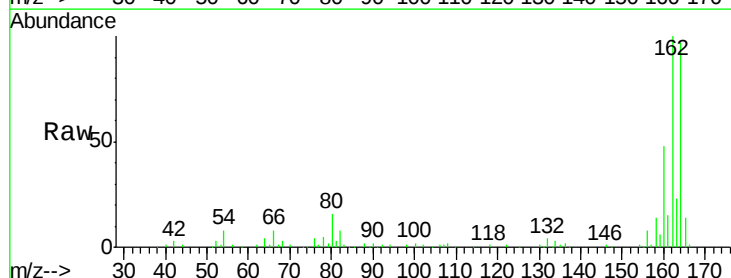
Instrument :
 BNA_G
 ClientSampleId :
 20170609-COMP-A

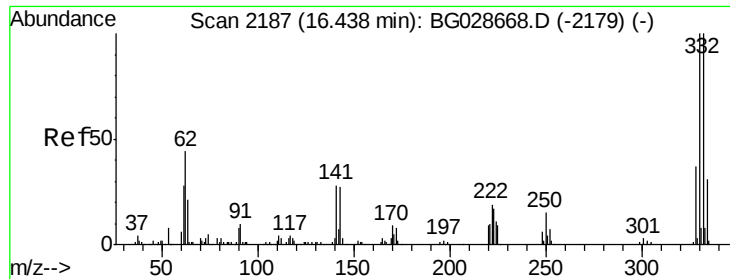
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.1	26.4	39.6
54	55.7	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.91 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028785.D
 Acq: 16 Sep 2017 4:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	49.0	34.7	52.1

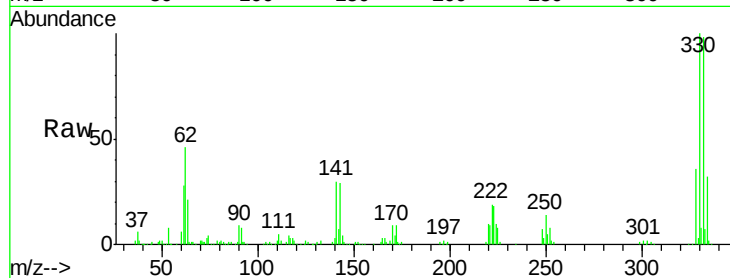




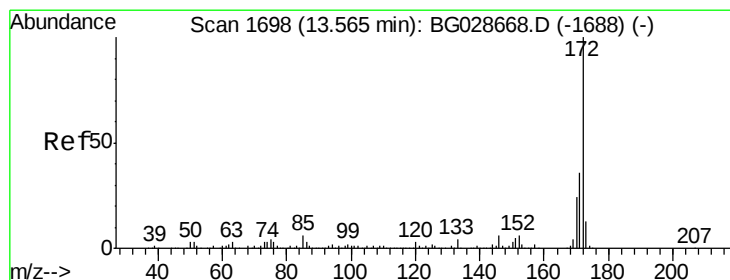
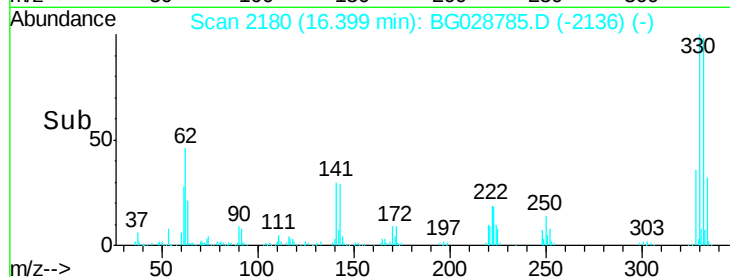
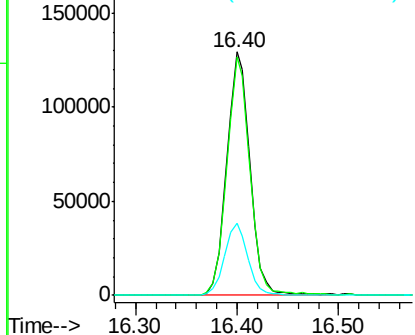
#41
 2,4,6-Tribromophenol
 Concen: 137.905 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028785.D
 Acq: 16 Sep 2017 4:02

Instrument :
 BNA_G
 ClientSampleId :
 20170609-COMP-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	29.3	32.1	48.1#

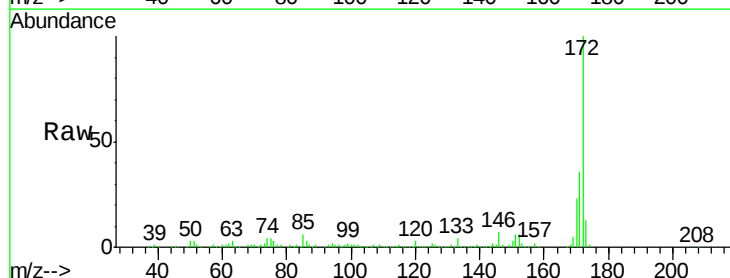


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

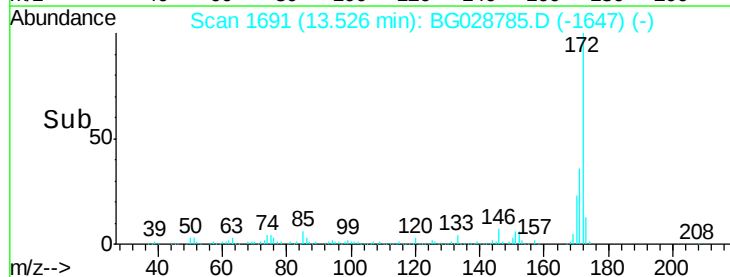
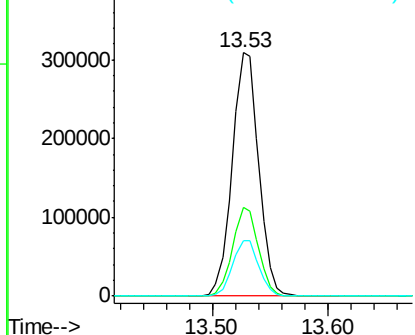


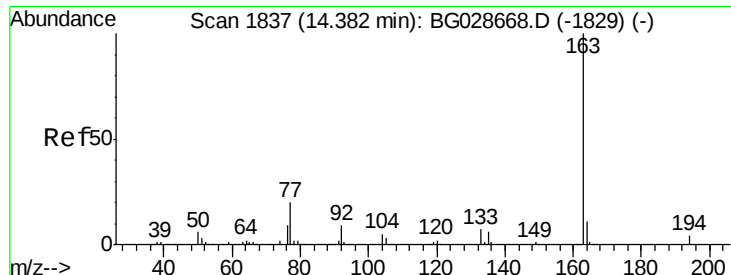
#44
 2-Fluorobiphenyl
 Concen: 72.381 ng
 RT: 13.53 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028785.D
 Acq: 16 Sep 2017 4:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	32.2	48.2
170	22.8	21.8	32.6



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





#49

Dimethylphthalate

Concen: 6.335 ng

RT: 14.35 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BG028785.D

Acq: 16 Sep 2017 4:02

Instrument :

BNA_G

ClientSampleId :

20170609-COMP-A

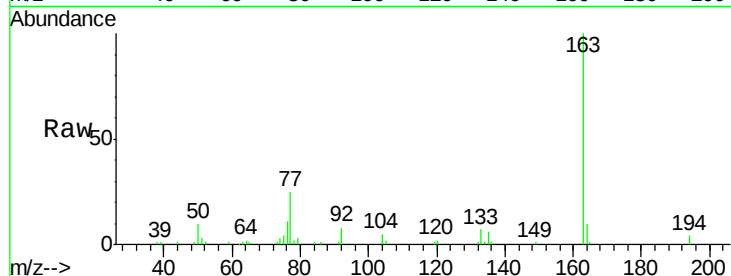
Tgt Ion:163 Resp: 47755

Ion Ratio Lower Upper

163 100

194 3.8 3.8 5.6

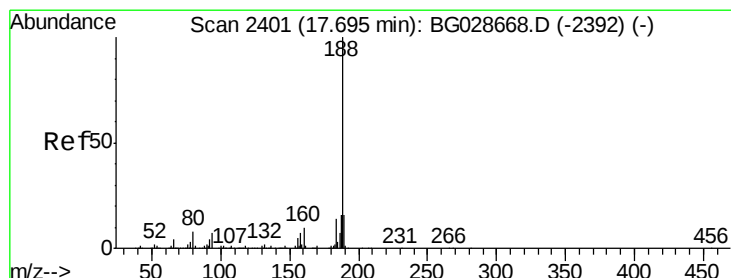
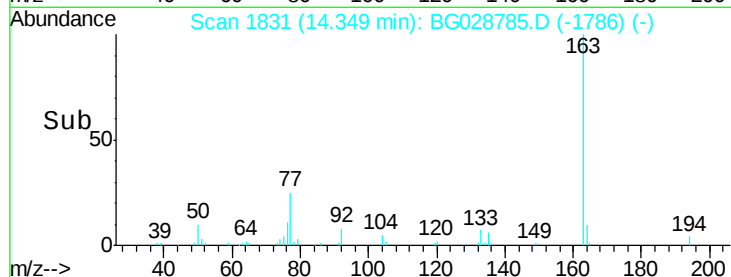
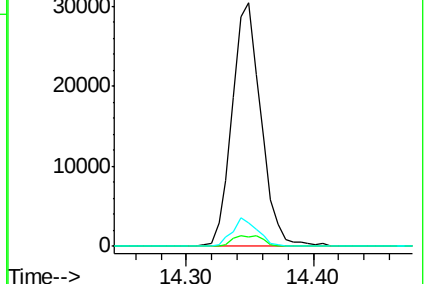
164 9.6 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2395

Delta R.T. -0.03 min

Lab File: BG028785.D

Acq: 16 Sep 2017 4:02

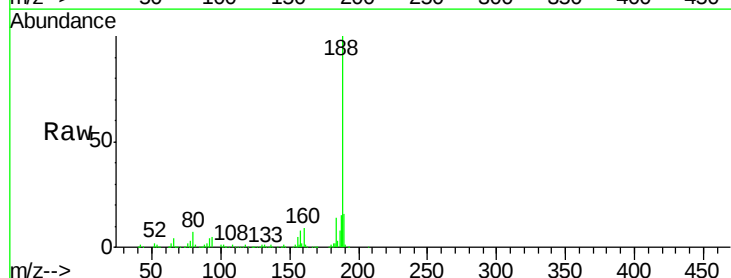
Tgt Ion:188 Resp: 252485

Ion Ratio Lower Upper

188 100

94 5.5 5.8 8.8#

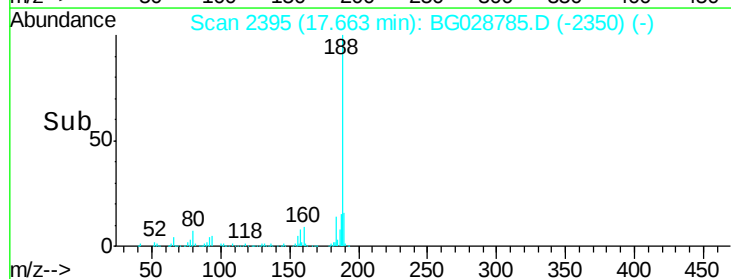
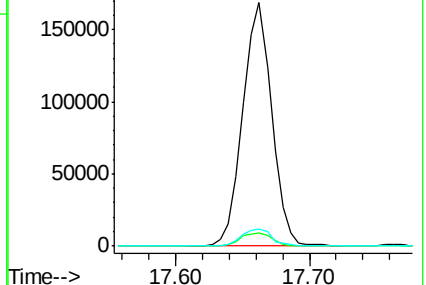
80 6.8 7.5 11.3#

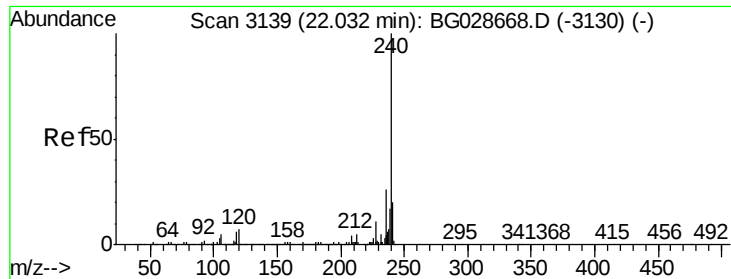


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

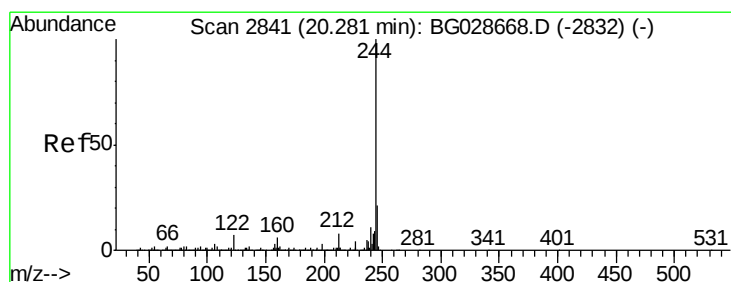
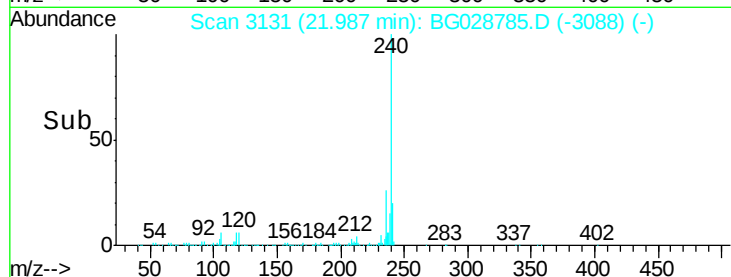
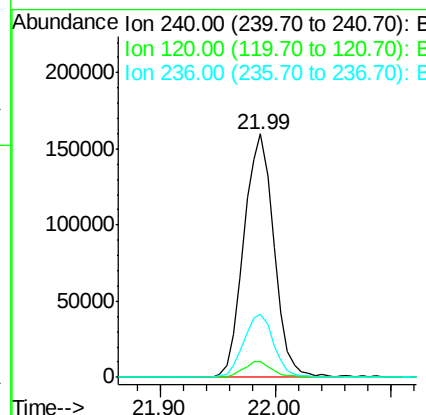
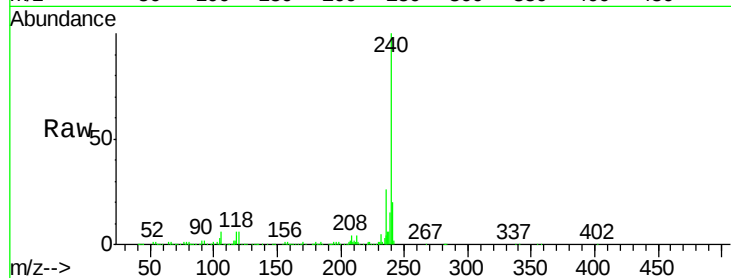




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.99 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG028785.D
Acq: 16 Sep 2017 4:02

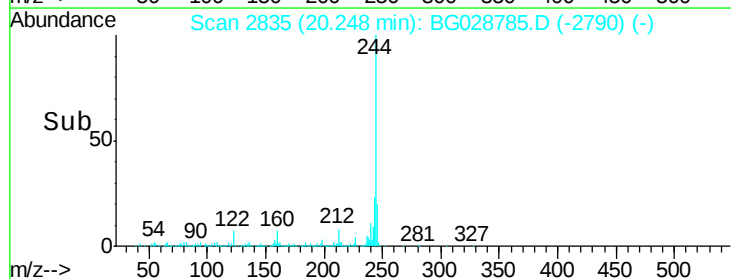
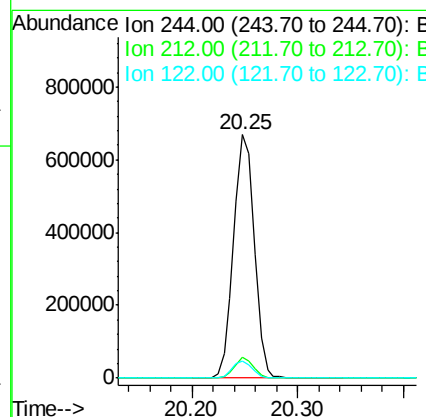
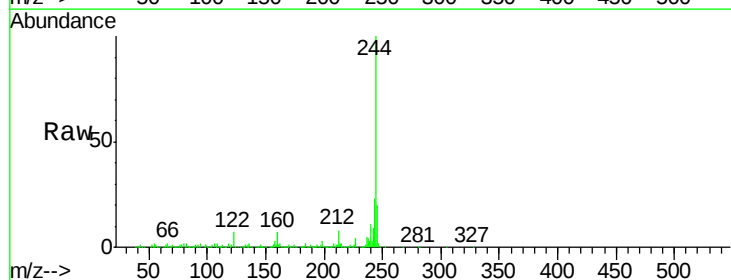
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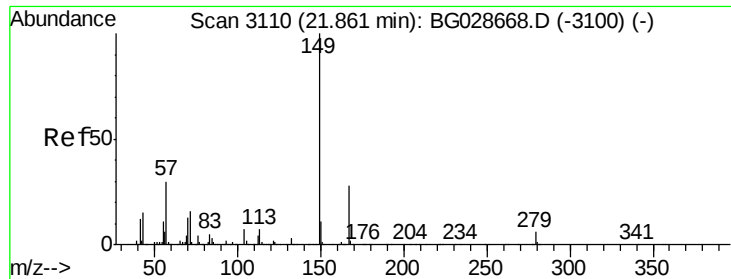
Tgt Ion: 240 Resp: 289394
Ion Ratio Lower Upper
240 100
120 6.5 5.7 8.5
236 26.1 22.2 33.4



#78
Terphenyl-d14
Concen: 66.639 ng
RT: 20.25 min Scan# 2835
Delta R.T. -0.03 min
Lab File: BG028785.D
Acq: 16 Sep 2017 4:02

Tgt Ion: 244 Resp: 904311
Ion Ratio Lower Upper
244 100
212 8.4 10.0 15.0#
122 7.0 8.6 12.8#

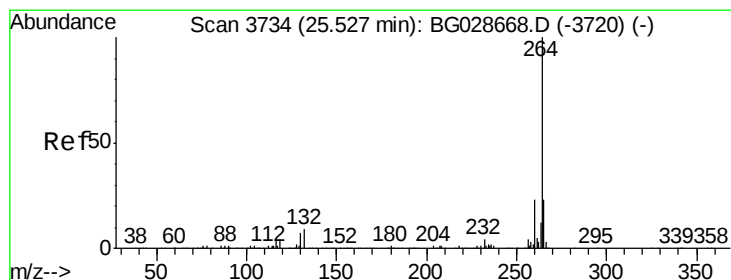
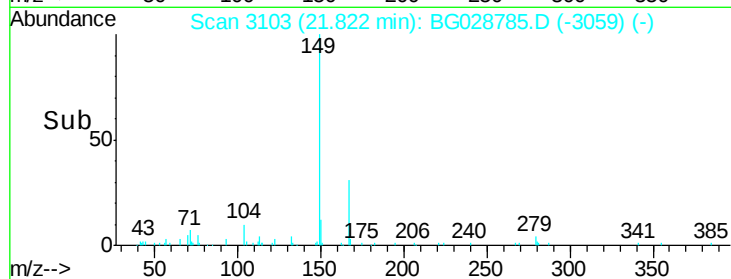
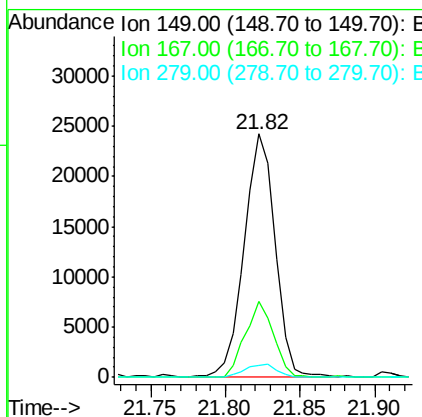
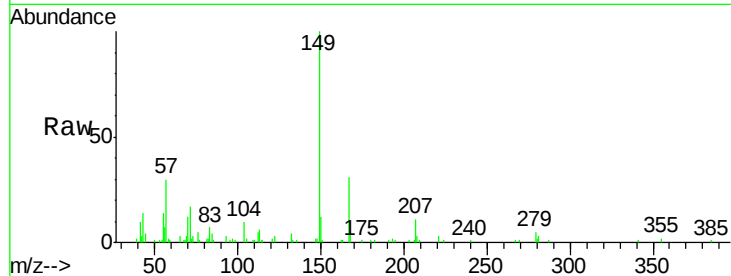




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.635 ng
 RT: 21.82 min Scan# 3103
 Delta R.T. -0.04 min
 Lab File: BG028785.D
 Acq: 16 Sep 2017 4:02

Instrument :
 BNA_G
 ClientSampleId :
 20170609-COMP-A

Tgt Ion:149 Resp: 34837
 Ion Ratio Lower Upper
 149 100
 167 31.3 23.7 35.5
 279 4.9 4.6 6.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.45 min Scan# 3721
 Delta R.T. -0.07 min
 Lab File: BG028785.D
 Acq: 16 Sep 2017 4:02

Tgt Ion:264 Resp: 303874
 Ion Ratio Lower Upper
 264 100
 260 22.6 21.8 32.8
 265 21.0 18.2 27.4

