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 Data File : BG028760.D
 Acq On : 15 Sep 2017 9:16
 Operator : SJ/JU
 Sample : I5223-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 090917-SIDI-E-D-S

Quant Time: Sep 15 11:32:01 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

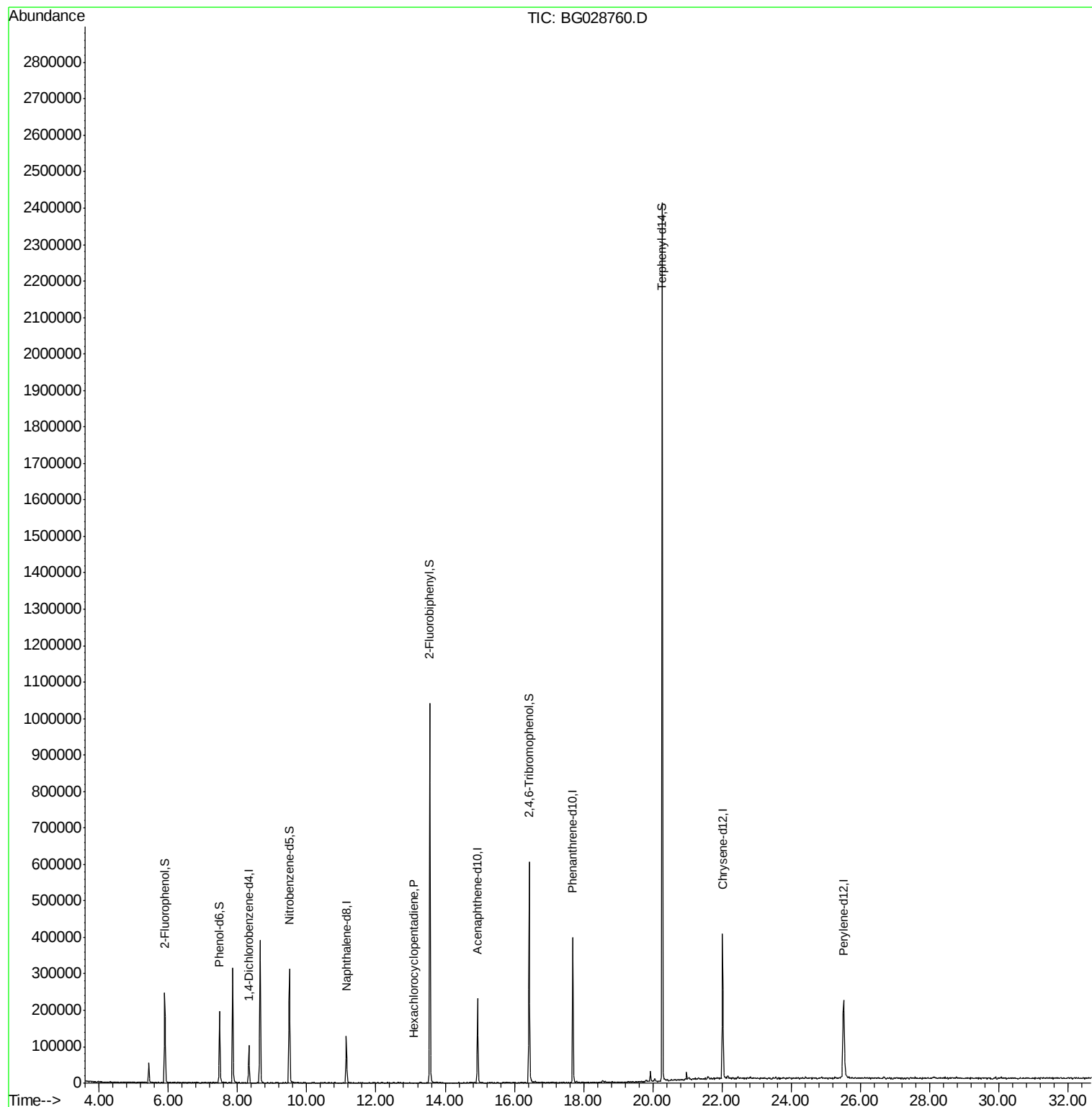
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	30408	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	114543	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	92008	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	263831	20.00	ng	0.00
75) Chrysene-d12	22.02	240	286227	20.00	ng	-0.01
86) Perylene-d12	25.52	264	291300	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	110610	60.02	ng	0.00
7) Phenol-d6	7.48	99	124071	44.72	ng	-0.01
23) Nitrobenzene-d5	9.50	82	204722	85.50	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	137328	90.24	ng	-0.01
44) 2-Fluorobiphenyl	13.56	172	560022	81.16	ng	0.00
78) Terphenyl-d14	20.27	244	1102559	82.15	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.10	237	59	7.639	ng	Qvalue # 29

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

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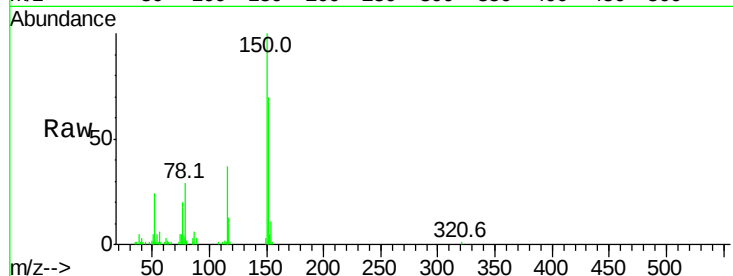


#1

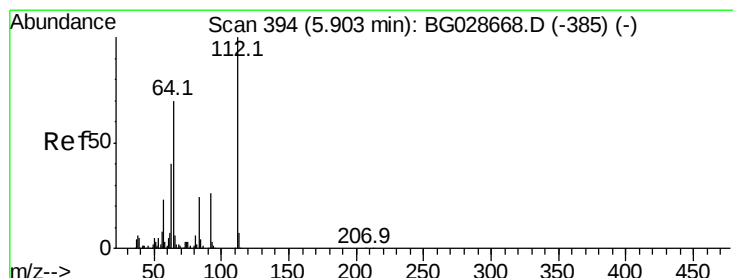
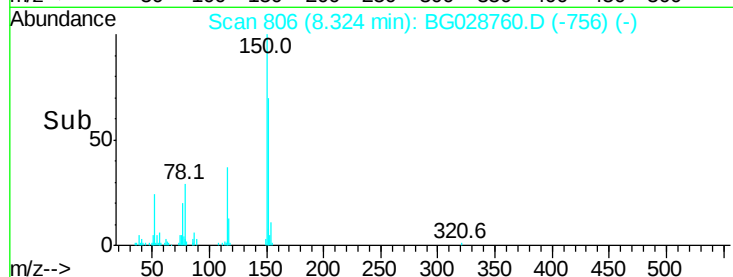
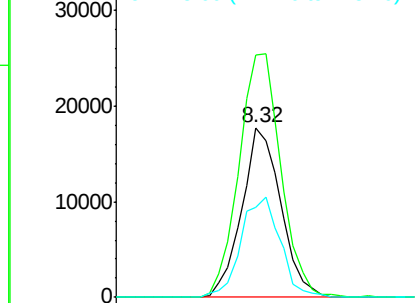
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.32 min Scan# 806
Delta R.T. -0.01 min
Lab File: BG028760.D
Acq: 15 Sep 2017 9:16

Instrument :
BNA_G
ClientSampleId :
090917-SIDI-E-D-S

Tot Ion:152 Resp: 30408
Ion Ratio Lower Upper
152 100
150 143.1 114.0 171.0
115 52.9 48.1 72.1



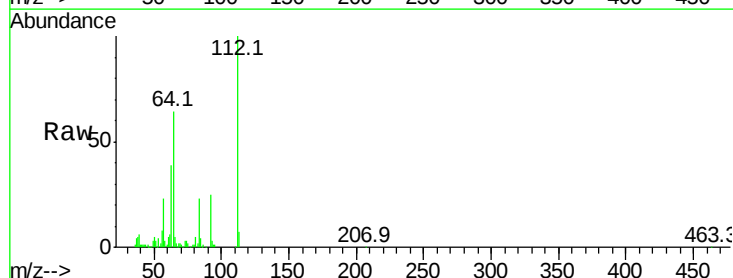
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



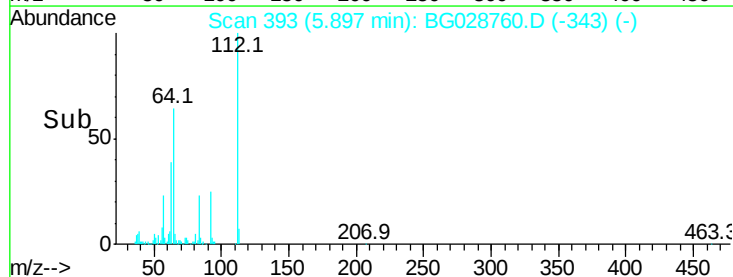
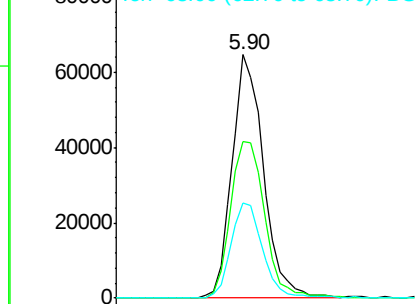
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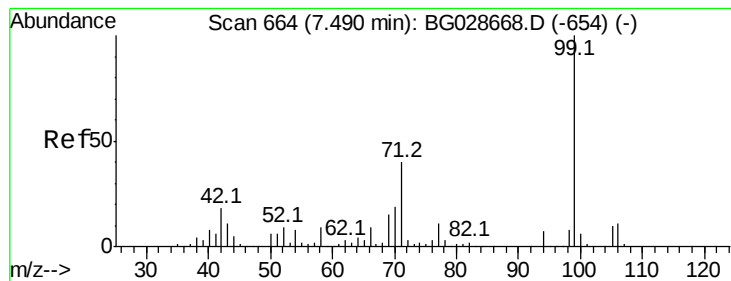
2-Fluorophenol
Concen: 60.021 ng
RT: 5.90 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG028760.D
Acq: 15 Sep 2017 9:16

Tgt Ion:112 Resp: 110610
Ion Ratio Lower Upper
112 100
64 64.4 61.8 92.6
63 39.2 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 44.716 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-D-S

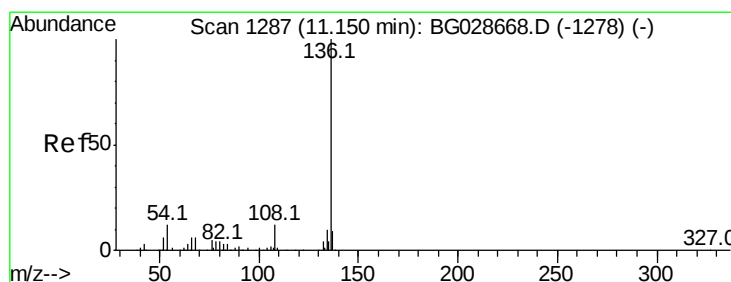
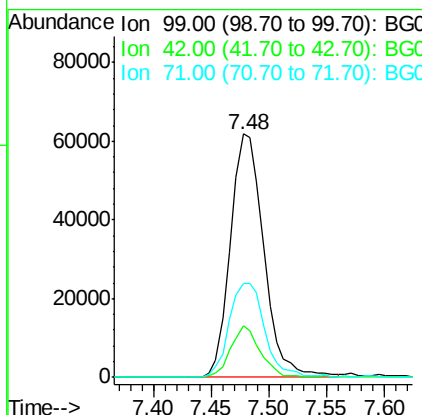
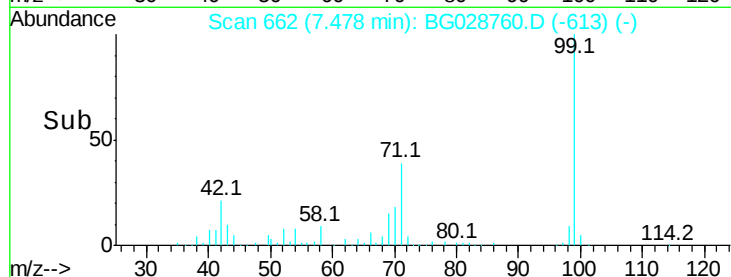
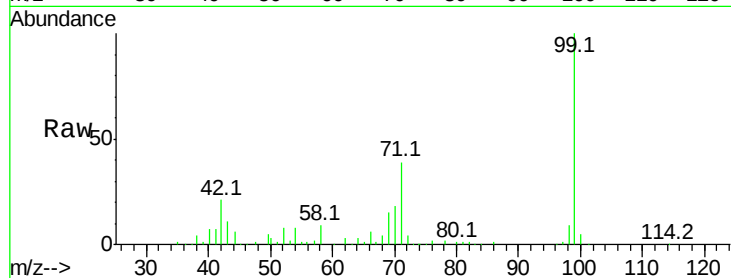
Tot Ion: 99 Resp: 124071

Ion Ratio Lower Upper

99 100

42 21.2 20.5 30.7

71 38.5 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

Tgt Ion: 136 Resp: 114543

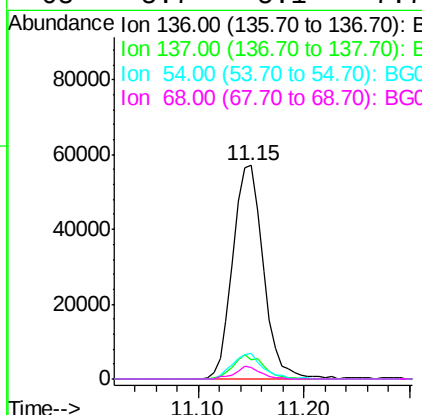
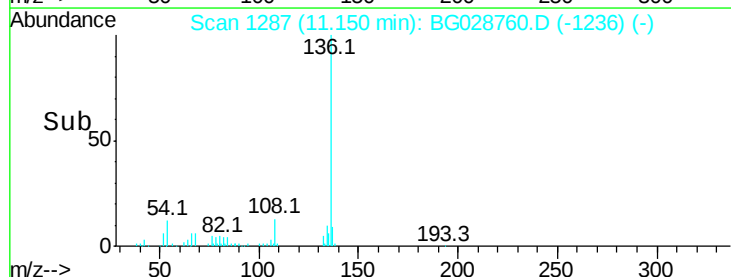
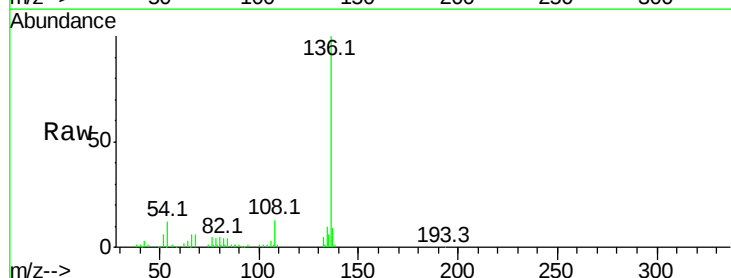
Ion Ratio Lower Upper

136 100

137 9.2 8.9 13.3

54 12.1 9.3 13.9

68 5.7 5.1 7.7

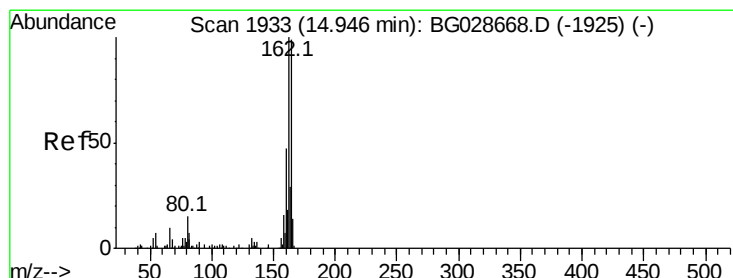
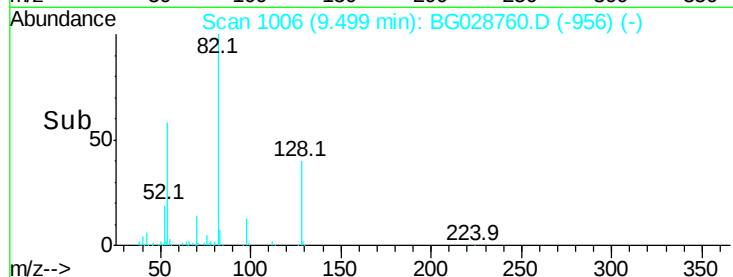
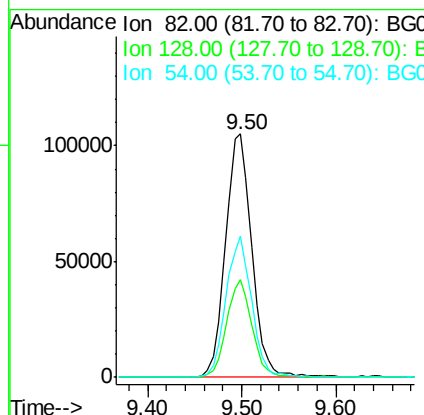
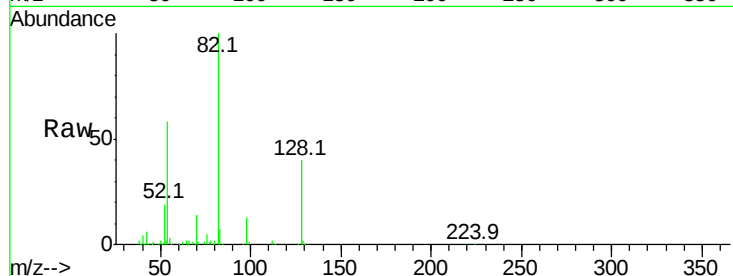




#23
 Nitrobenzene-d5
 Concen: 85.499 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028760.D
 Acq: 15 Sep 2017 9:16

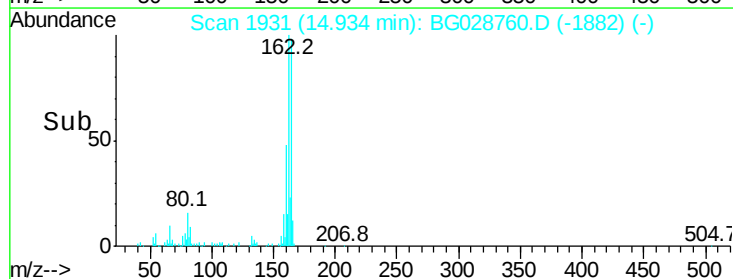
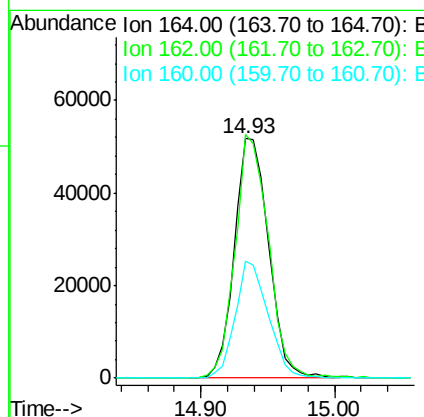
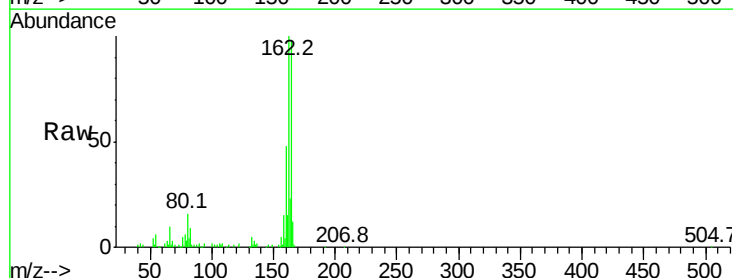
Instrument :
 BNA_G
 ClientSampleId :
 090917-SIDI-E-D-S

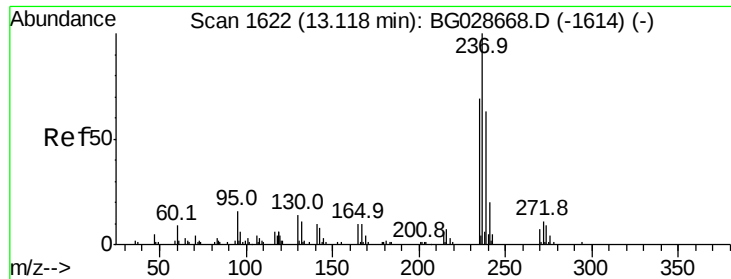
Tot Ion: 82 Resp: 204722
 Ion Ratio Lower Upper
 82 100
 128 40.0 26.4 39.6#
 54 57.8 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.93 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG028760.D
 Acq: 15 Sep 2017 9:16

Tgt Ion: 164 Resp: 92008
 Ion Ratio Lower Upper
 164 100
 162 101.7 85.1 127.7
 160 48.6 34.7 52.1

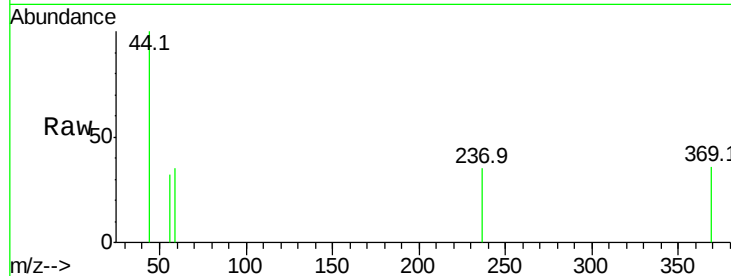




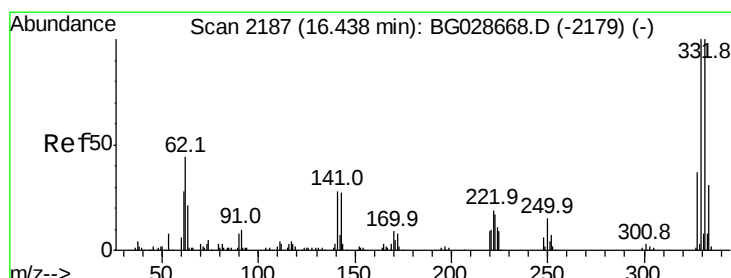
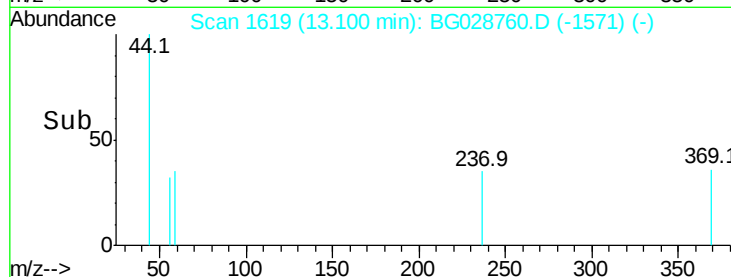
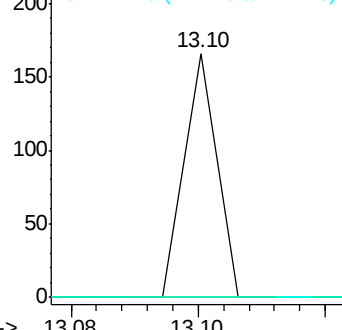
#40
Hexachlorocyclopentadiene
Concen: 7.639 ng
RT: 13.10 min Scan# 1619
Delta R.T. -0.02 min
Lab File: BG028760.D
Acq: 15 Sep 2017 9:16

Instrument :
BNA_G
ClientSampleId :
090917-SIDI-E-D-S

Tot Ion:237 Resp: 59
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0

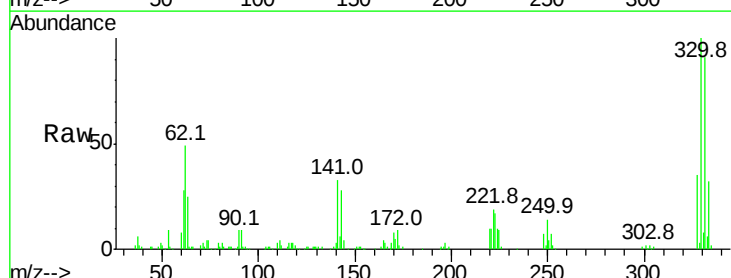


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

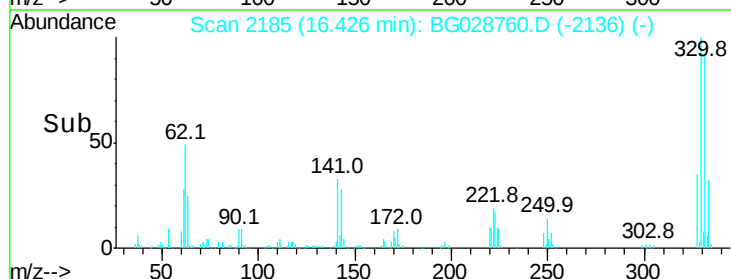
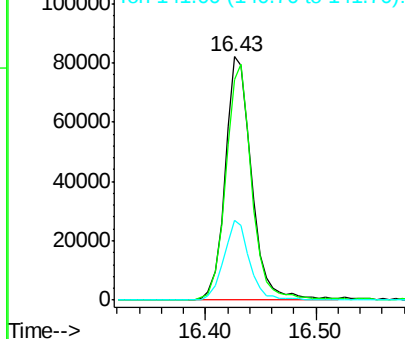


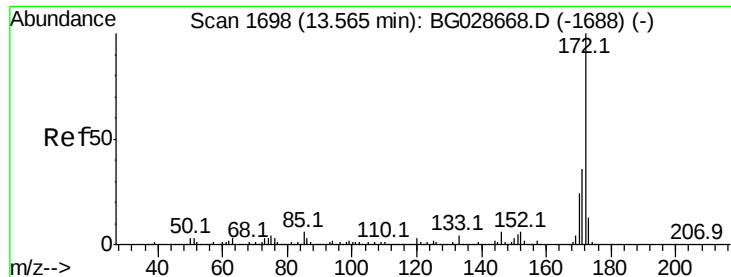
#41
2,4,6-Tribromophenol
Concen: 90.243 ng
RT: 16.43 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG028760.D
Acq: 15 Sep 2017 9:16

Tgt Ion:330 Resp: 137328
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 31.3 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

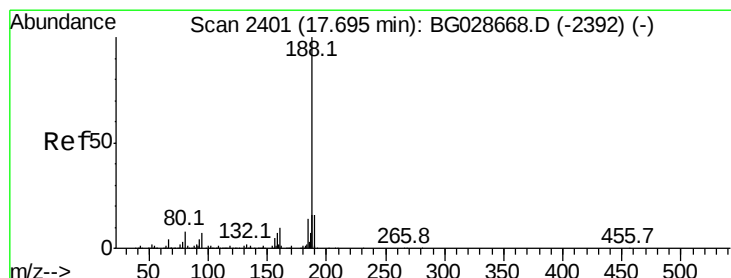
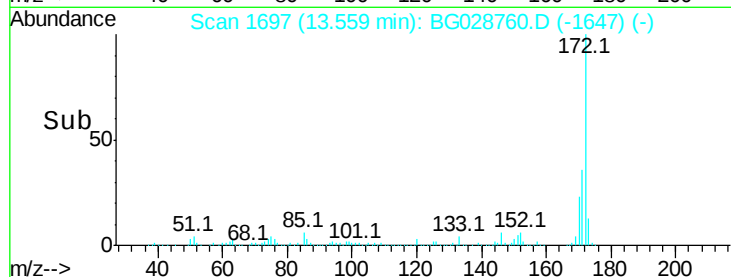
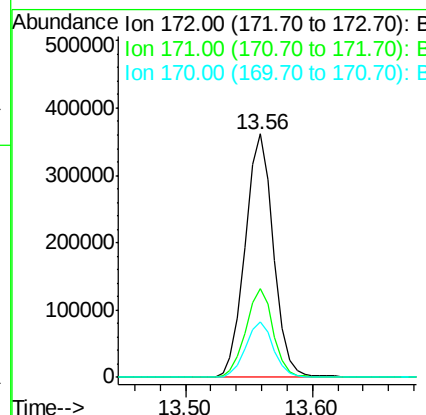
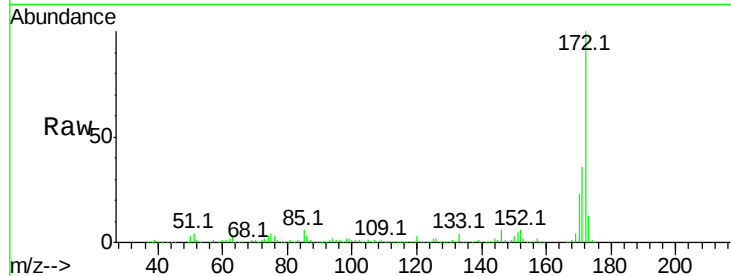




#44
2-Fluorobiphenyl
Concen: 81.161 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028760.D
Acq: 15 Sep 2017 9:16

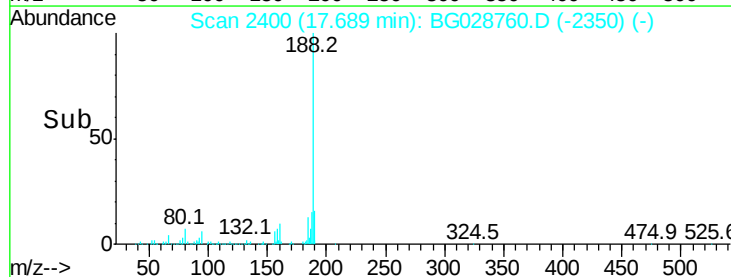
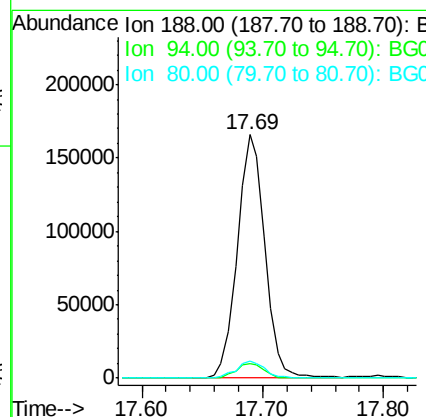
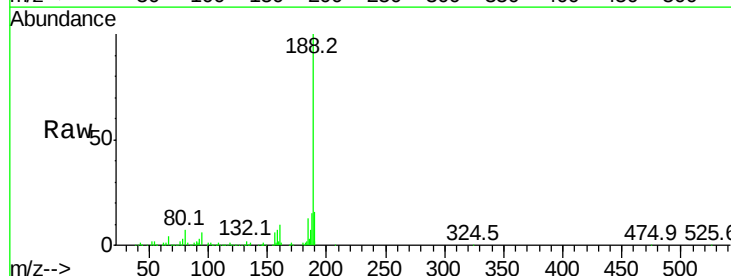
Instrument :
BNA_G
ClientSampleId :
090917-SIDI-E-D-S

Tot Ion:172 Resp: 560022
Ion Ratio Lower Upper
172 100
171 36.4 32.2 48.2
170 22.7 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG028760.D
Acq: 15 Sep 2017 9:16

Tgt Ion:188 Resp: 263831
Ion Ratio Lower Upper
188 100
94 6.1 5.8 8.8
80 6.8 7.5 11.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

Instrument :

BNA_G

ClientSampleId :

090917-SIDI-E-D-S

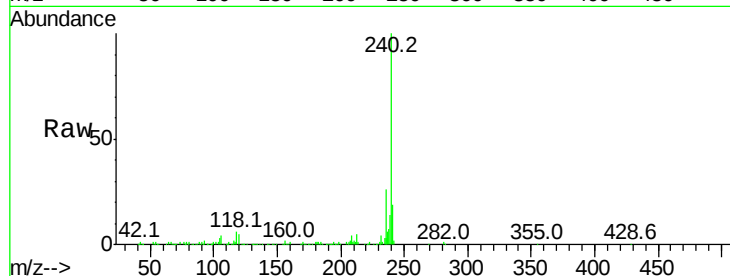
Tot Ion:240 Resp: 286227

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

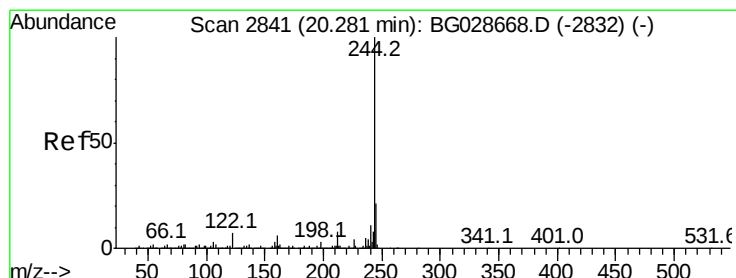
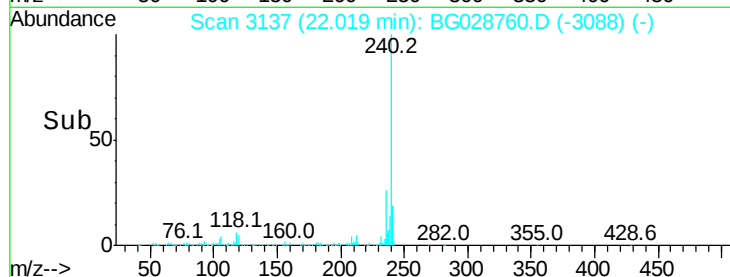
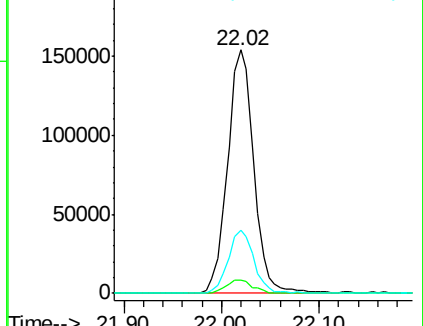
236 25.7 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 82.147 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028760.D

Acq: 15 Sep 2017 9:16

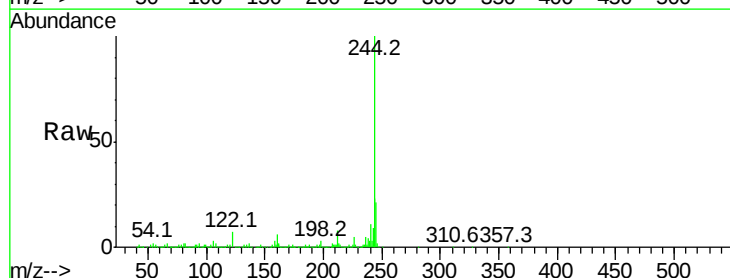
Tgt Ion:244 Resp: 1102559

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

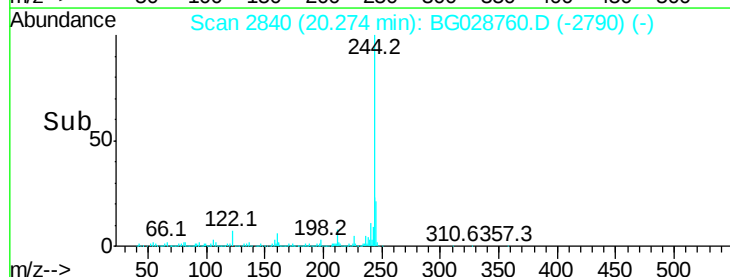
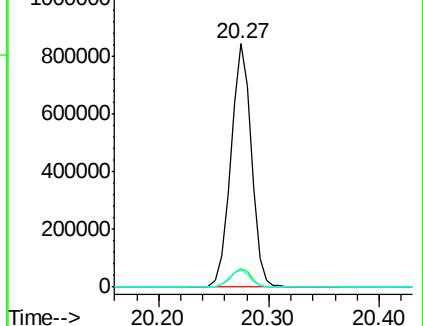
122 7.0 8.6 12.8#

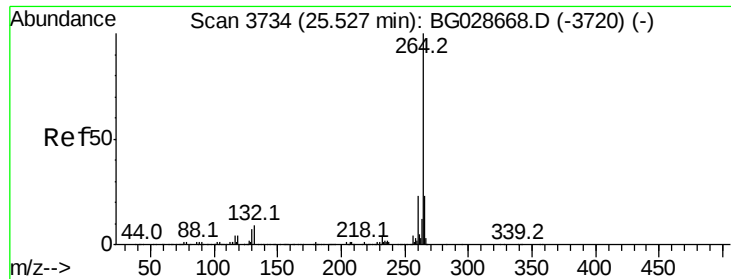


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

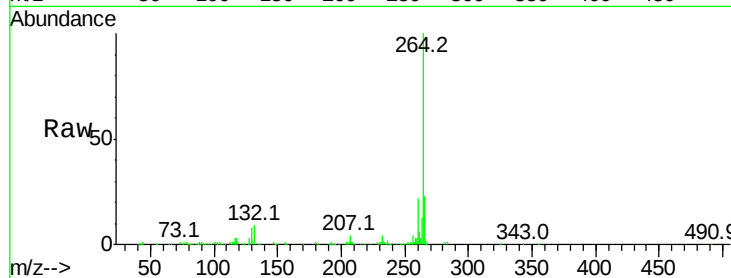




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.52 min Scan# 3732
 Delta R.T. -0.01 min
 Lab File: BG028760.D
 Acq: 15 Sep 2017 9:16

Instrument :
 BNA_G
 ClientSampleId :
 090917-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	22.7	18.2	27.4



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

