

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028631.D
 Acq On : 10 Sep 2017 1:31
 Operator : SJ/JU
 Sample : I5164-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SES-MS-PH4-COA9-17

Quant Time: Sep 11 08:28:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 07 18:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	35162	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	137085	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	96462	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	263640	20.00	ng	0.00
75) Chrysene-d12	22.03	240	324072	20.00	ng	0.00
86) Perylene-d12	25.52	264	313595	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	119896	57.41	ng	0.00
7) Phenol-d6	7.49	99	96259	31.78	ng	0.00
23) Nitrobenzene-d5	9.50	82	266885	89.40	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	214517	146.32	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	681521	92.43	ng	0.00
78) Terphenyl-d14	20.28	244	1293105	85.97	ng	0.00

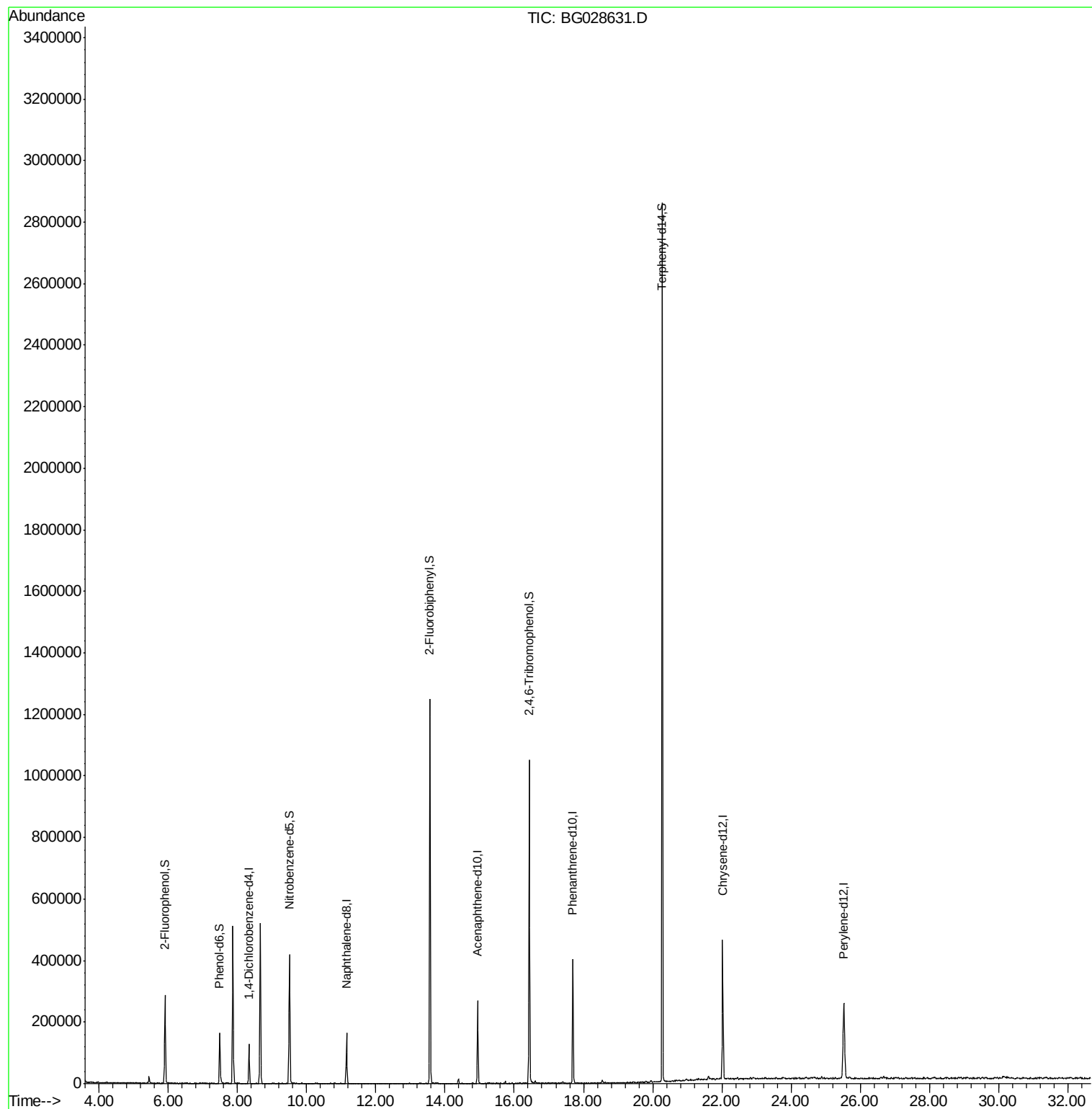
Target Compounds Qvalue

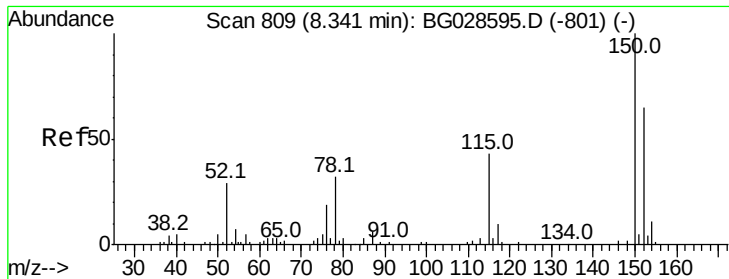
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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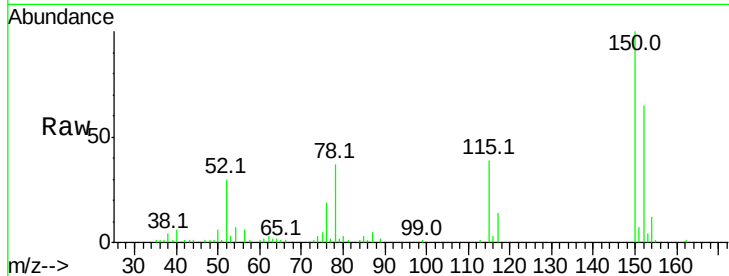


#1

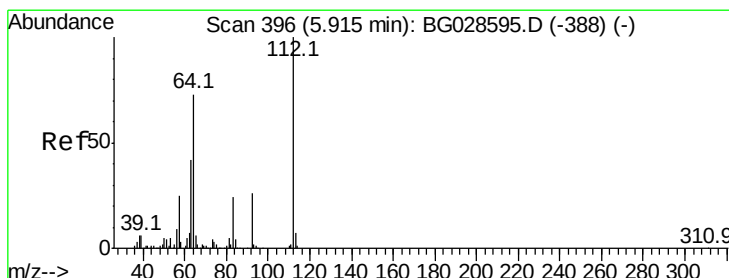
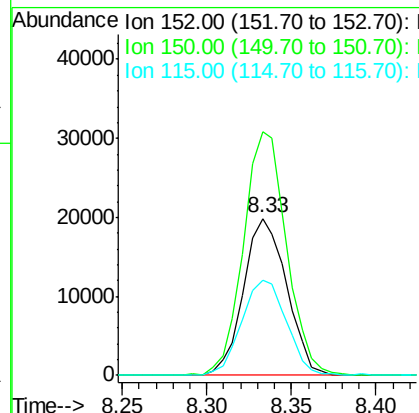
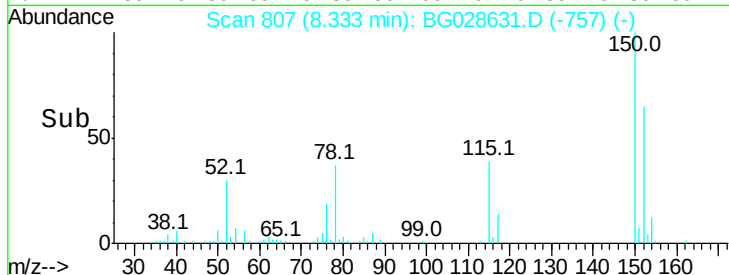
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Instrument :
BNA_G
ClientSampleId :
SES-MS-PH4-COA9-17

Tot Ion:152 Resp: 35162
Ion Ratio Lower Upper
152 100
150 154.9 114.0 171.0
115 60.4 48.1 72.1



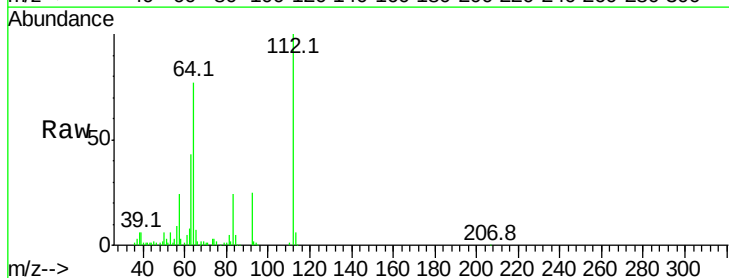
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



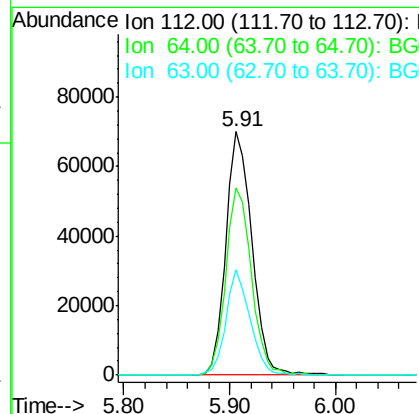
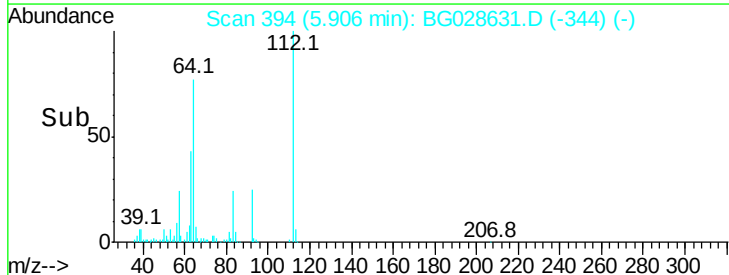
#5

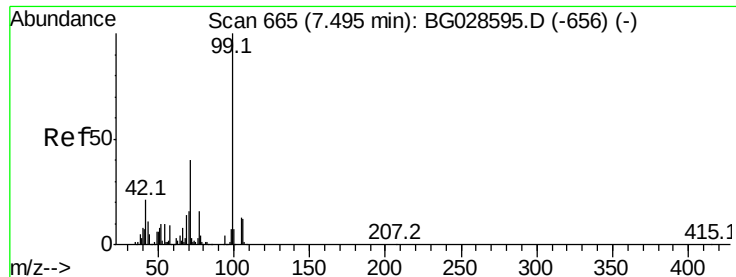
2-Fluorophenol
Concen: 57.412 ng
RT: 5.91 min Scan# 394
Delta R.T. -0.01 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Tgt Ion:112 Resp: 119896
Ion Ratio Lower Upper
112 100
64 77.1 61.8 92.6
63 43.2 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: 31.778 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA9-17

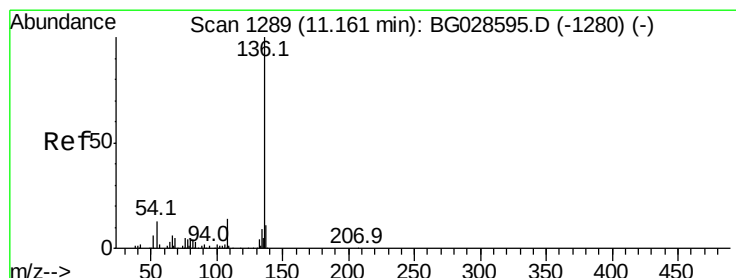
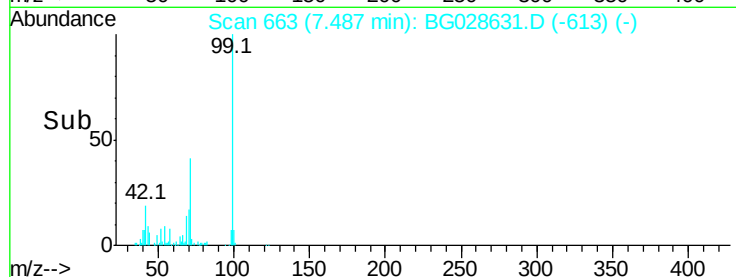
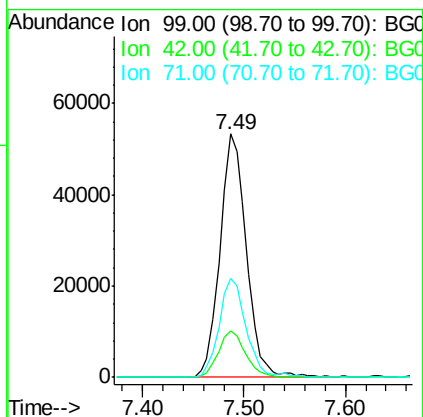
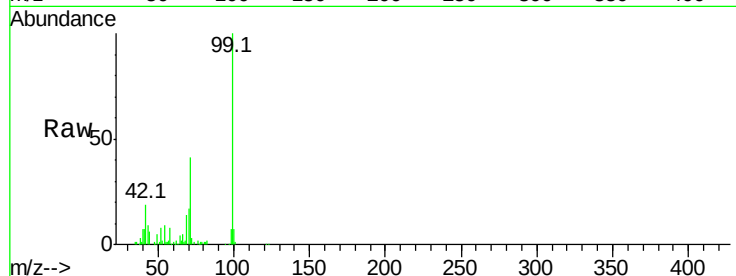
Tot Ion: 99 Resp: 96259

Ion Ratio Lower Upper

99 100

42 19.2 20.5 30.7#

71 40.8 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Tgt Ion: 136 Resp: 137085

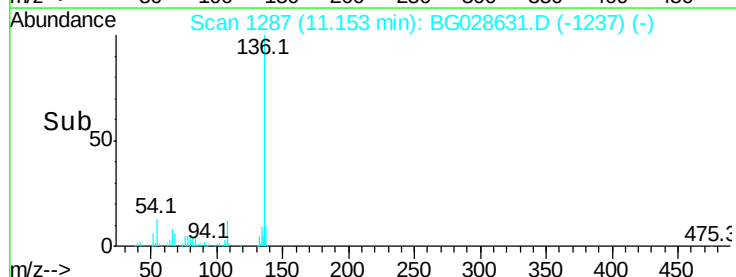
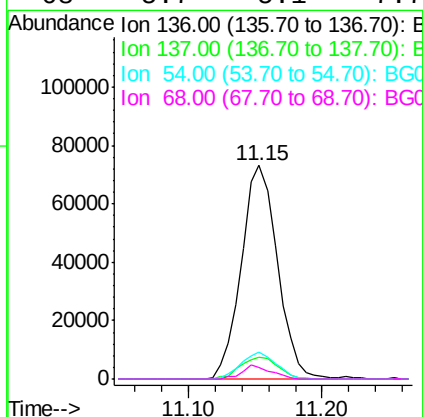
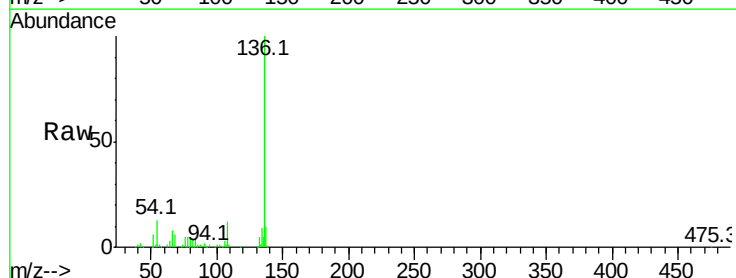
Ion Ratio Lower Upper

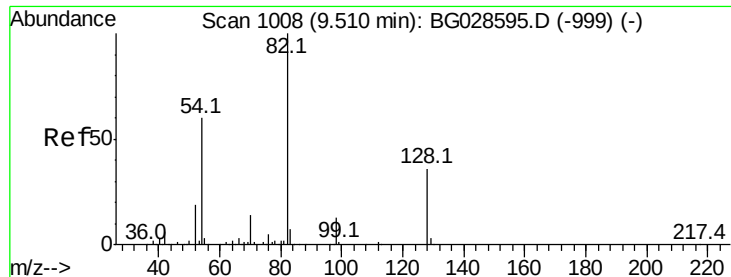
136 100

137 10.4 8.9 13.3

54 12.7 9.3 13.9

68 5.7 5.1 7.7

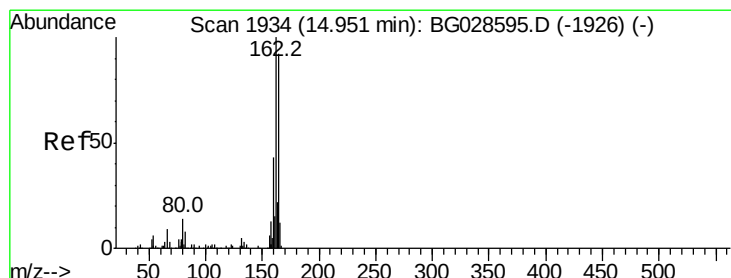
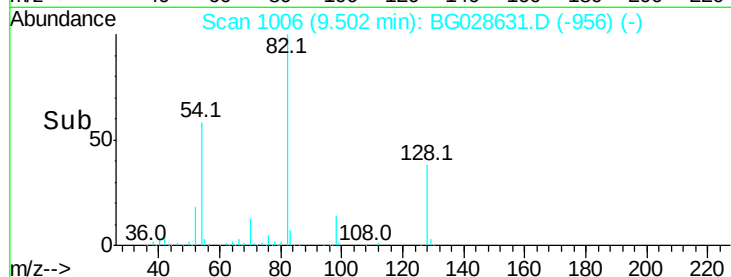
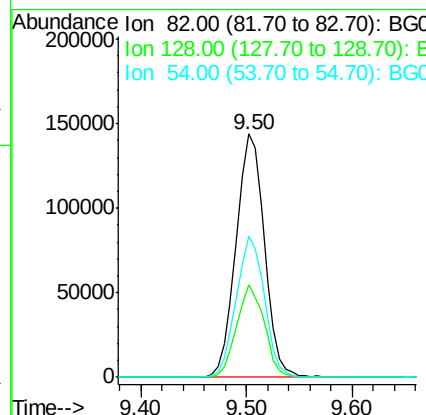
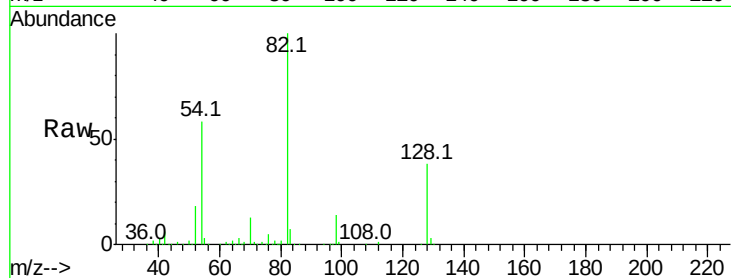




#23
Nitrobenzene-d5
Concen: 89.395 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

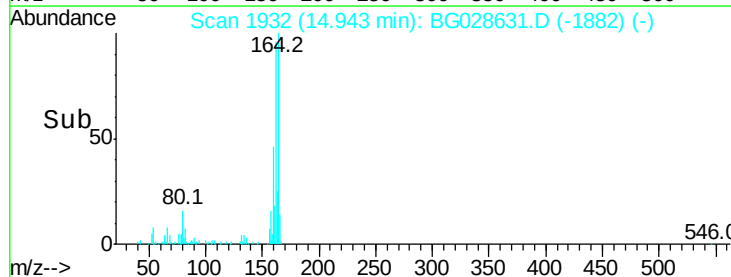
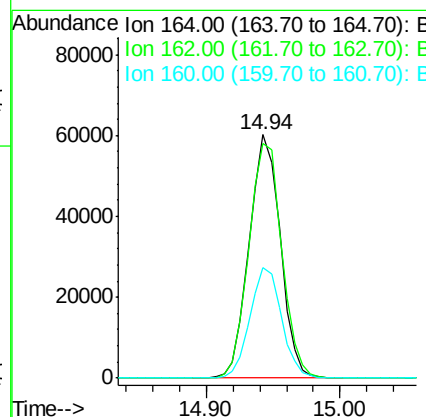
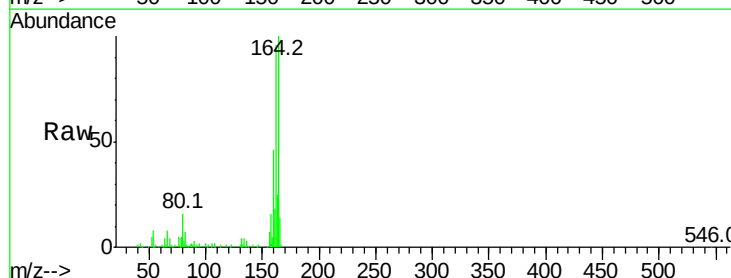
Instrument :
BNA_G
ClientSampleId :
SES-MS-PH4-COA9-17

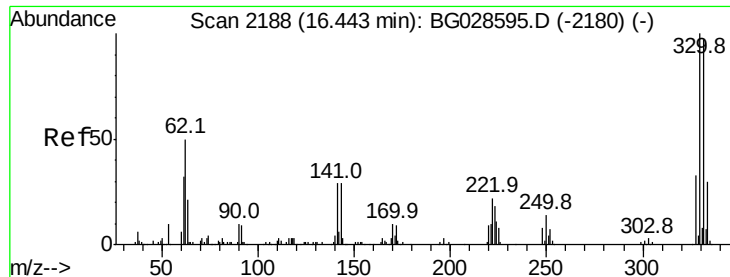
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.1	26.4	39.6
54	58.1	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028631.D
Acq: 10 Sep 2017 1:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.4	85.1	127.7
160	45.6	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 146.316 ng

RT: 16.44 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA9-17

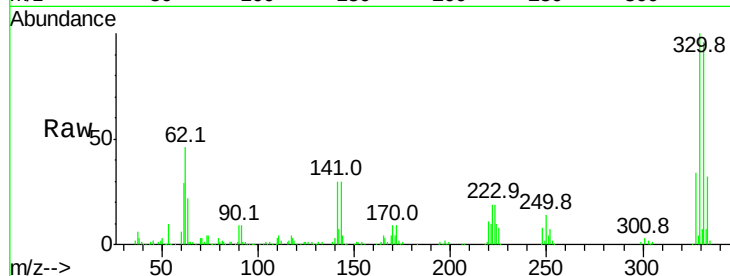
Tot Ion:330 Resp: 214517

Ion Ratio Lower Upper

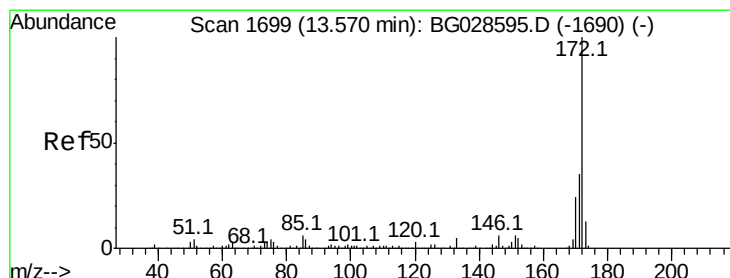
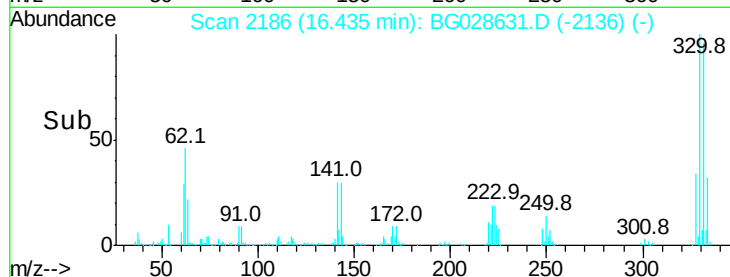
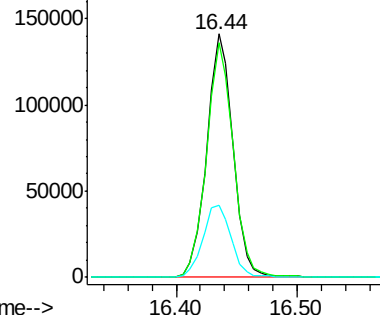
330 100

332 97.8 77.3 115.9

141 32.2 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: 92.428 ng

RT: 13.56 min Scan# 1697

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

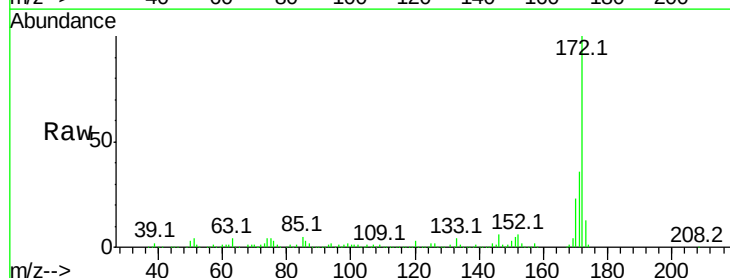
Tgt Ion:172 Resp: 681521

Ion Ratio Lower Upper

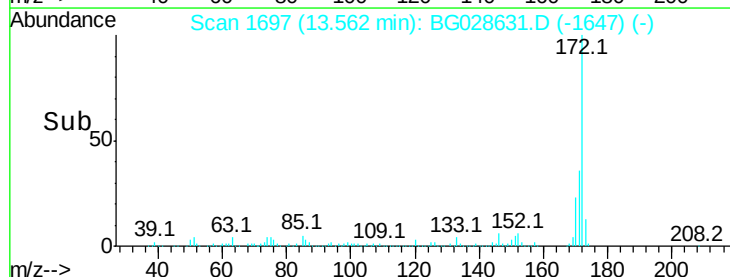
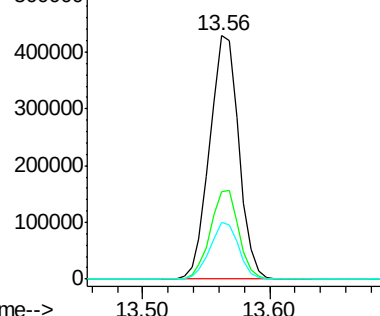
172 100

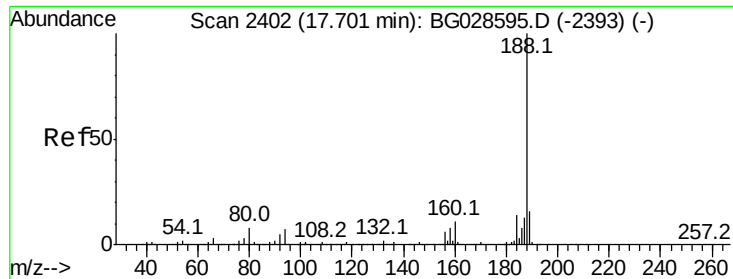
171 35.8 32.2 48.2

170 23.4 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.70 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA9-17

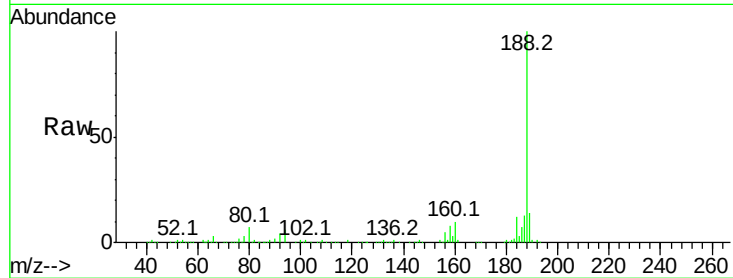
Tot Ion:188 Resp: 263640

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

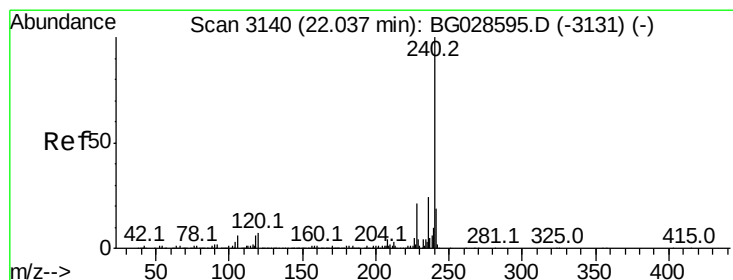
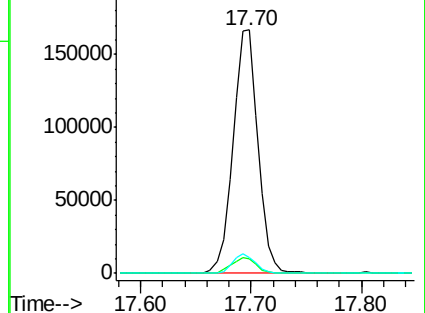
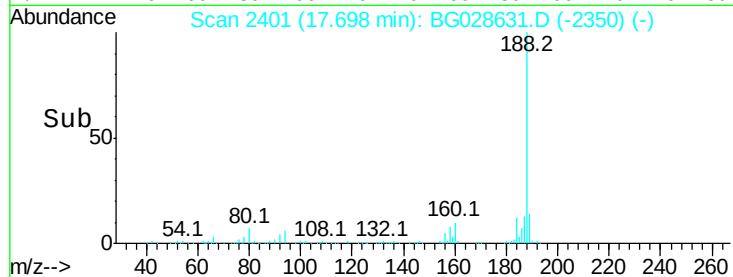
80 6.6 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

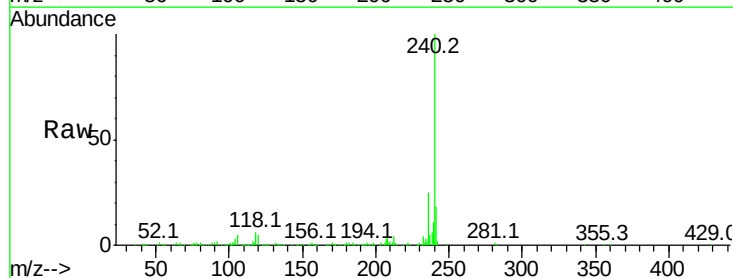
Tgt Ion:240 Resp: 324072

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

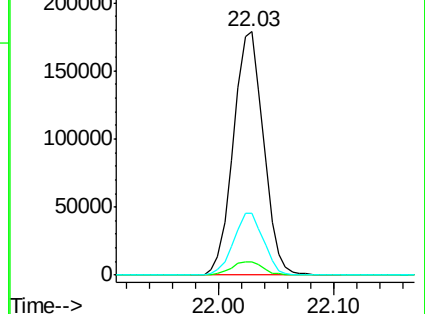
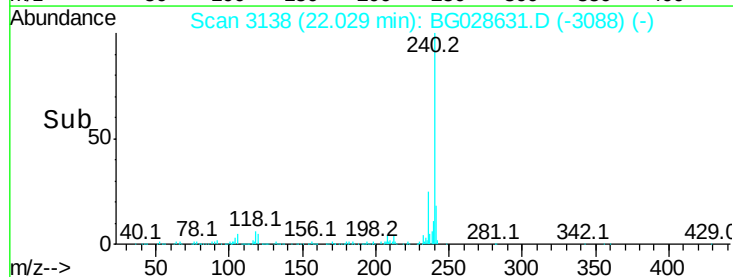
236 25.3 22.2 33.4

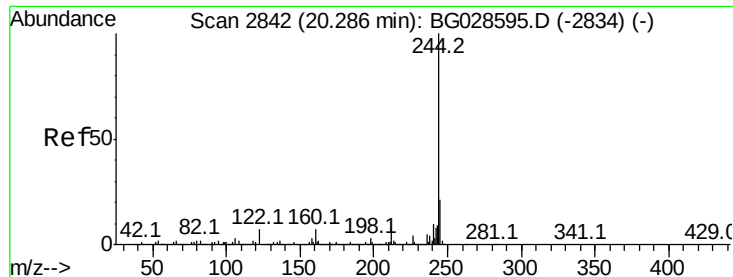


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.969 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

Instrument :

BNA_G

ClientSampleId :

SES-MS-PH4-COA9-17

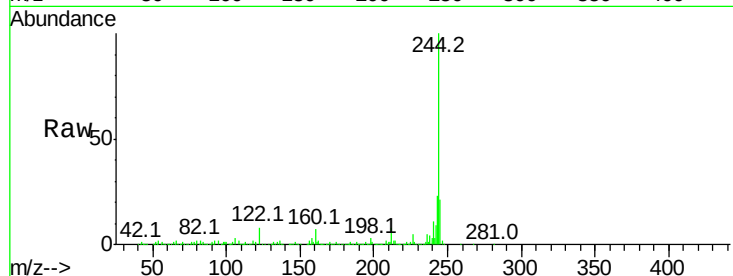
Tot Ion:244 Resp: 1293105

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

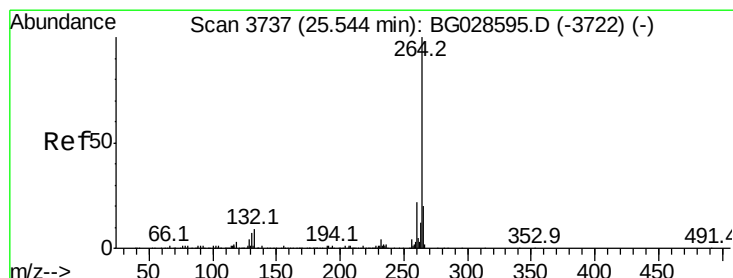
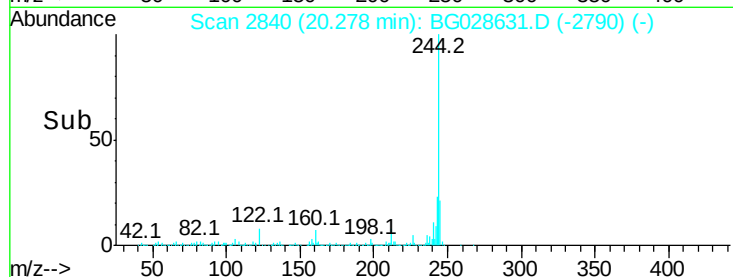
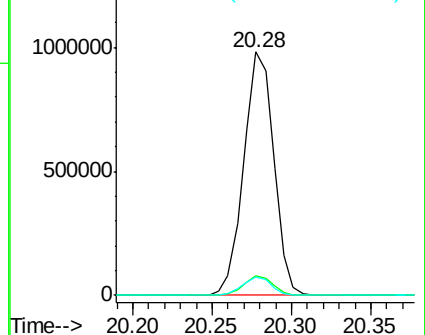
122 7.7 8.6 12.8#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.02 min

Lab File: BG028631.D

Acq: 10 Sep 2017 1:31

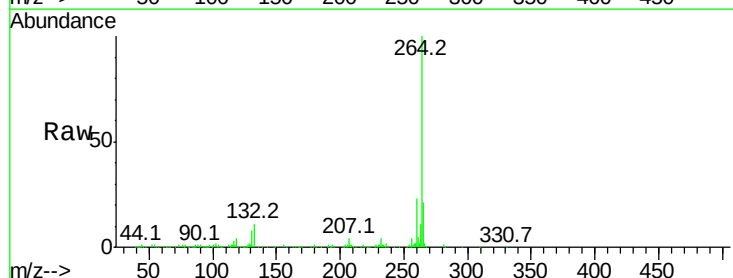
Tgt Ion:264 Resp: 313595

Ion Ratio Lower Upper

264 100

260 22.8 21.8 32.8

265 21.2 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

