

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091017\
 Data File : BG028626.D
 Acq On : 9 Sep 2017 22:15
 Operator : SJ/JU
 Sample : I5137-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Quant Time: Sep 11 07:14:48 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	36692	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	138108	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	97039	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	267674	20.00	ng	0.00
75) Chrysene-d12	22.03	240	323065	20.00	ng	0.00
86) Perylene-d12	25.53	264	312201	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	319466	146.60	ng	0.00
7) Phenol-d6	7.49	99	398632	126.11	ng	0.00
23) Nitrobenzene-d5	9.51	82	290834	96.70	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	255514	173.24	ng	0.00
44) 2-Fluorobiphenyl	13.57	172	700292	94.41	ng	0.00
78) Terphenyl-d14	20.28	244	1385694	92.41	ng	0.00

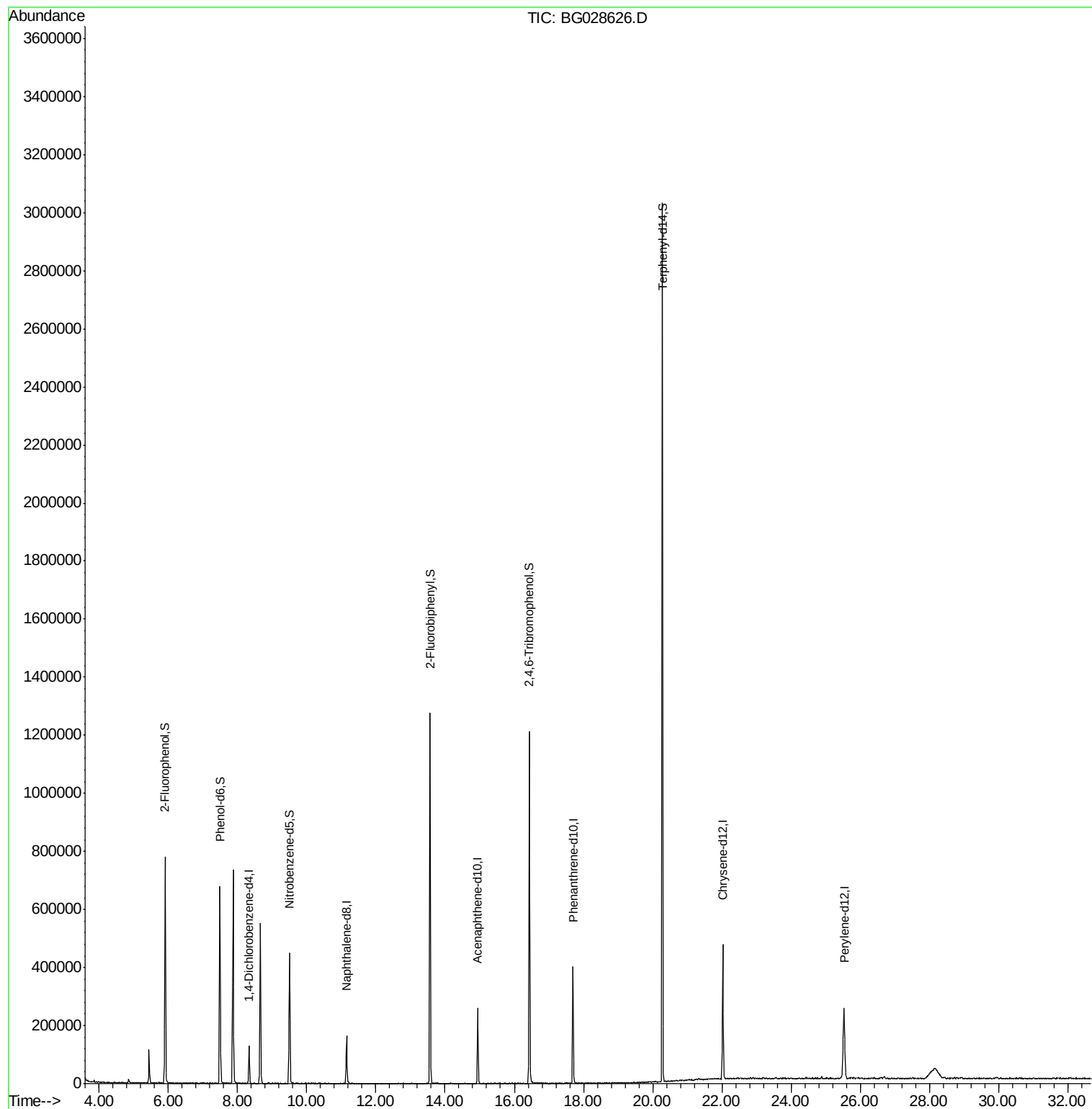
Target Compounds Qvalue

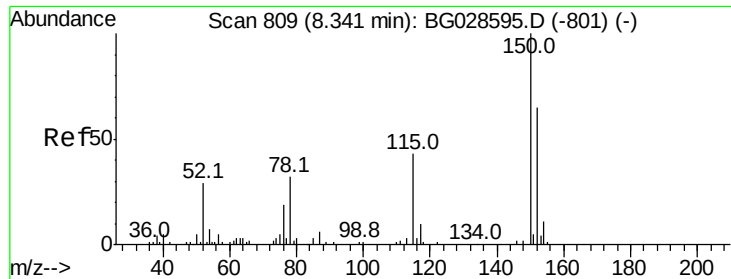
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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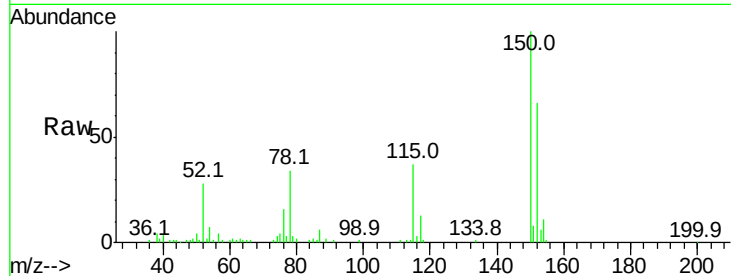


#1

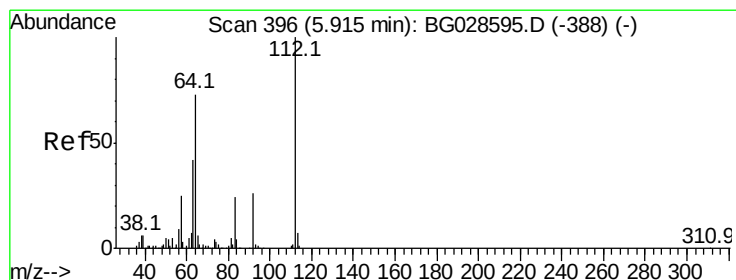
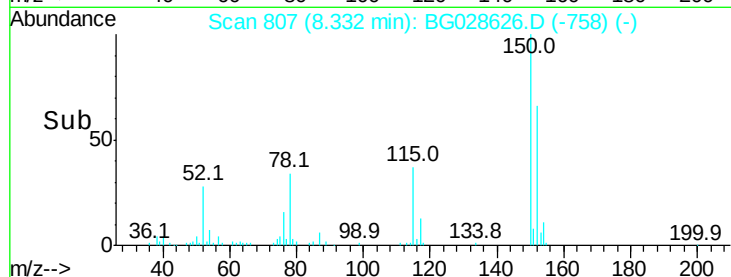
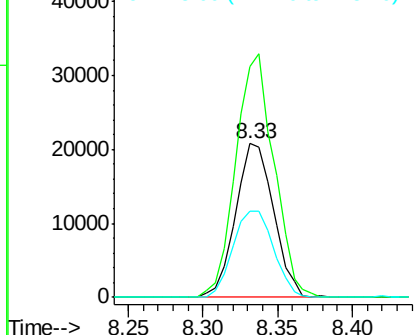
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG028626.D
Acq: 9 Sep 2017 22:15

Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

Tot Ion:152 Resp: 36692
Ion Ratio Lower Upper
152 100
150 150.6 114.0 171.0
115 55.9 48.1 72.1



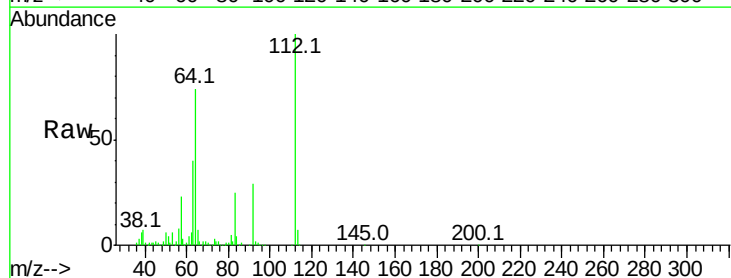
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



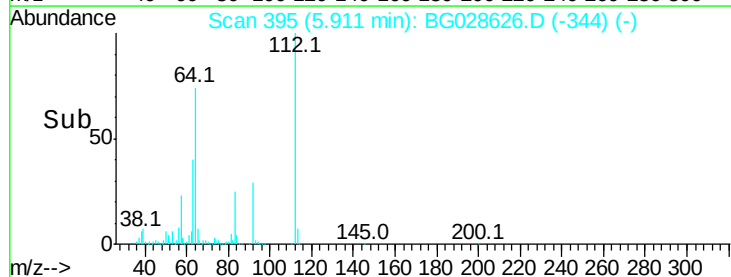
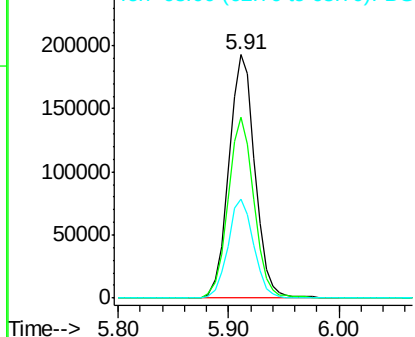
#5

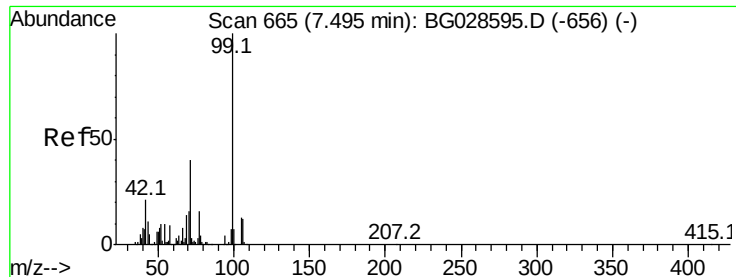
2-Fluorophenol
Concen: 146.597 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028626.D
Acq: 9 Sep 2017 22:15

Tgt Ion:112 Resp: 319466
Ion Ratio Lower Upper
112 100
64 74.3 61.8 92.6
63 40.5 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: 126.114 ng

RT: 7.49 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG028626.D

Acq: 9 Sep 2017 22:15

Instrument :

BNA_G

ClientSampleId :

TP-1-COMP

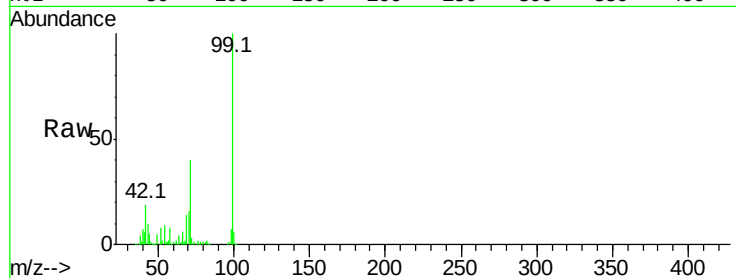
Tot Ion: 99 Resp: 398632

Ion Ratio Lower Upper

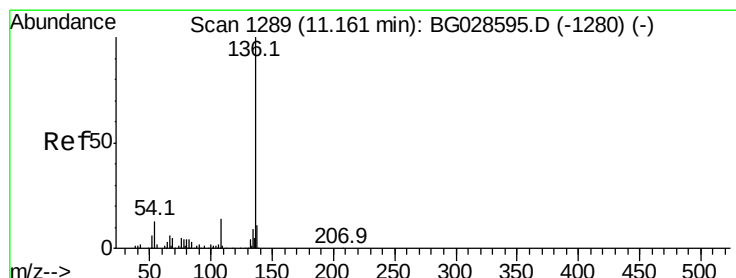
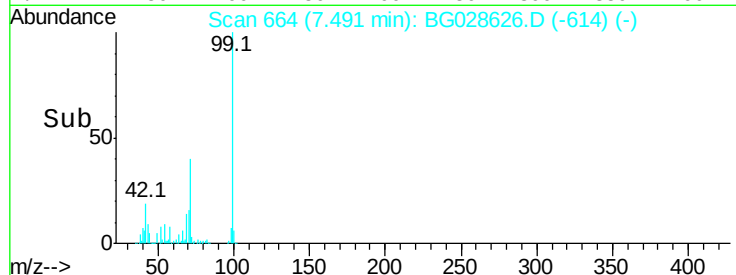
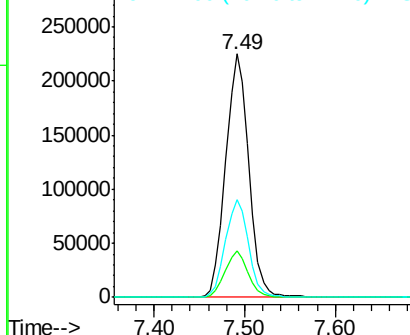
99 100

42 18.9 20.5 30.7#

71 40.3 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: 11.15 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG028626.D

Acq: 9 Sep 2017 22:15

Tgt Ion: 136 Resp: 138108

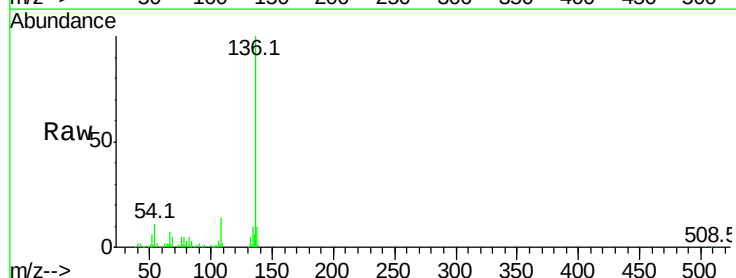
Ion Ratio Lower Upper

136 100

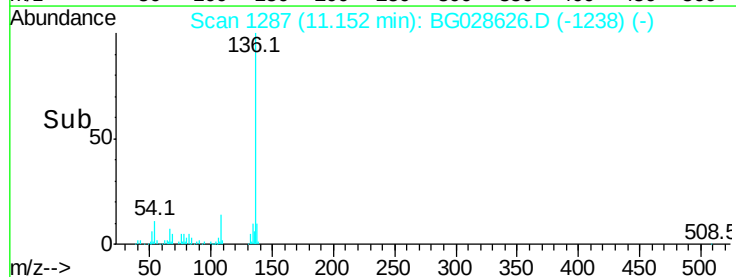
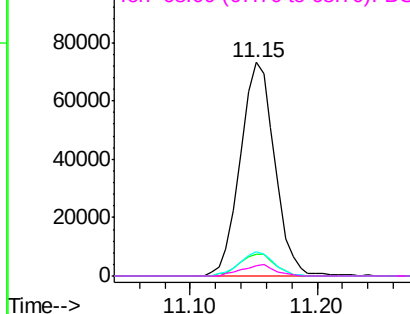
137 10.3 8.9 13.3

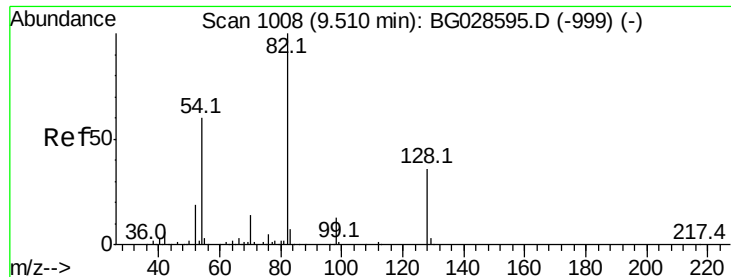
54 11.3 9.3 13.9

68 4.6 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

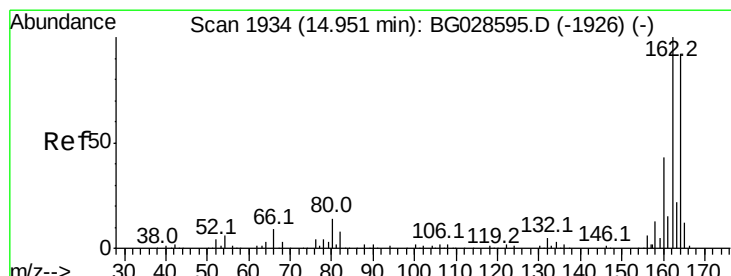
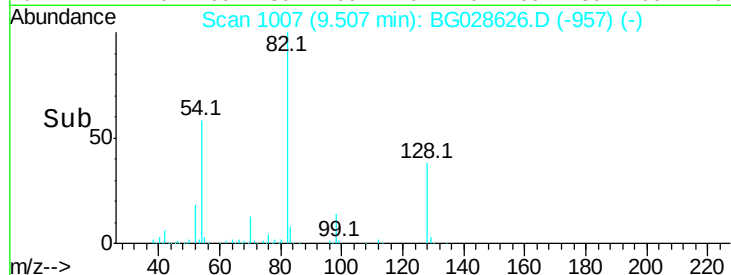
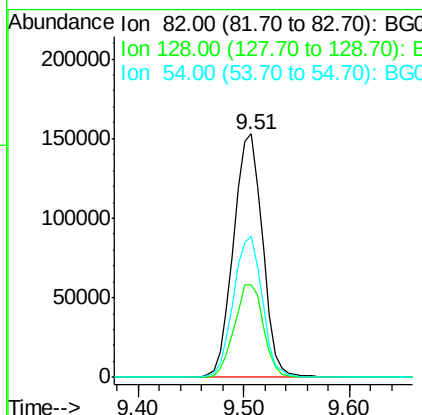
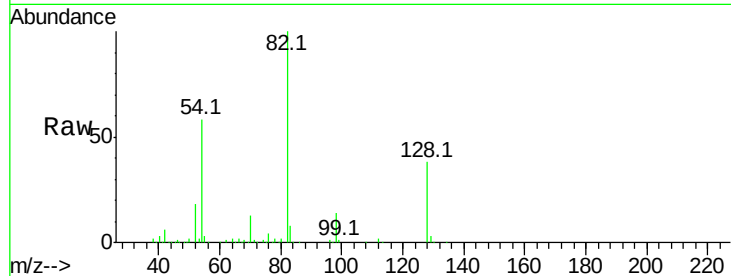




#23
Nitrobenzene-d5
Concen: 96.696 ng
RT: 9.51 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG028626.D
Acq: 9 Sep 2017 22:15

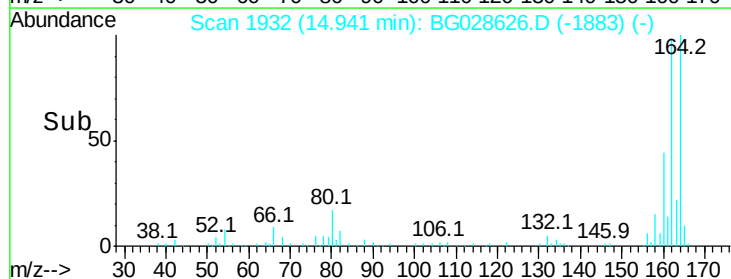
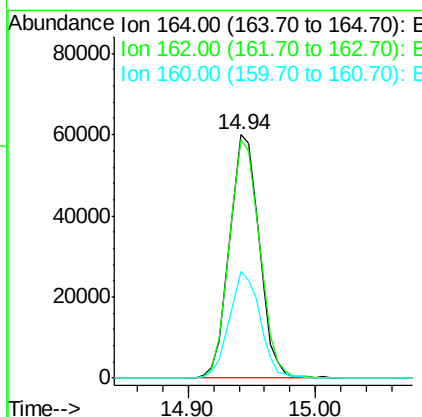
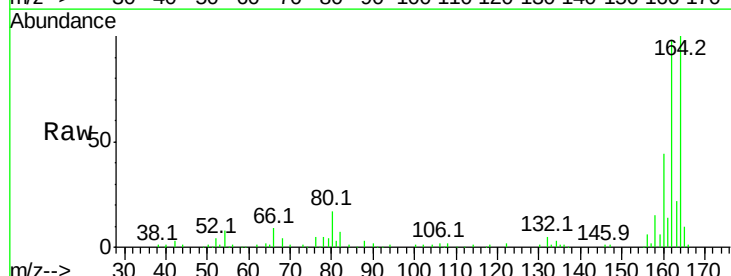
Instrument :
BNA_G
ClientSampleId :
TP-1-COMP

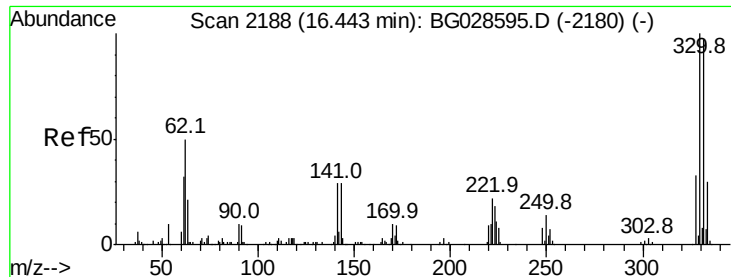
Tot Ion: 82 Resp: 290834
Ion Ratio Lower Upper
82 100
128 38.1 26.4 39.6
54 58.3 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028626.D
Acq: 9 Sep 2017 22:15

Tgt Ion: 164 Resp: 97039
Ion Ratio Lower Upper
164 100
162 98.1 85.1 127.7
160 44.0 34.7 52.1

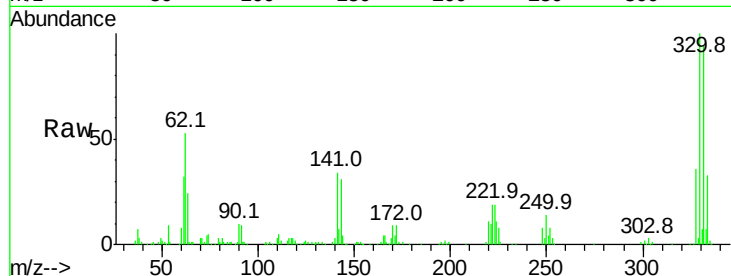




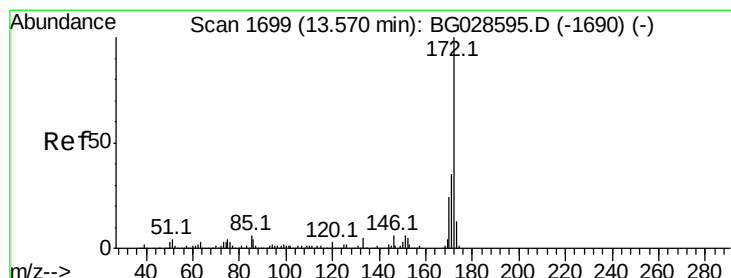
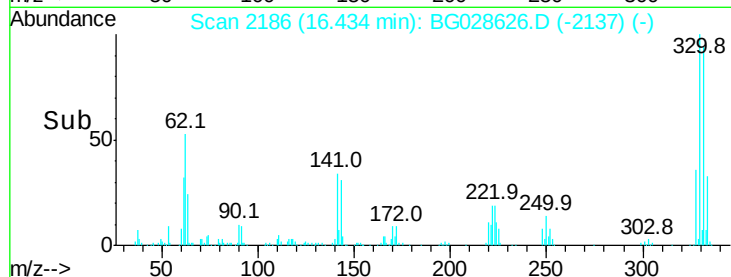
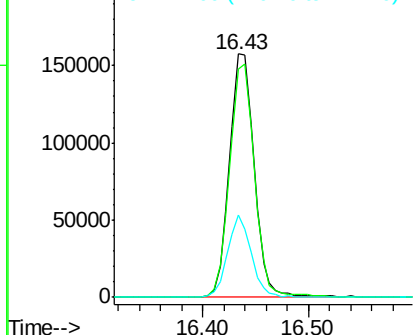
#41
 2,4,6-Tribromophenol
 Concen: 173.242 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028626.D
 Acq: 9 Sep 2017 22:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Tot Ion:330 Resp: 255514
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 32.2 32.1 48.1

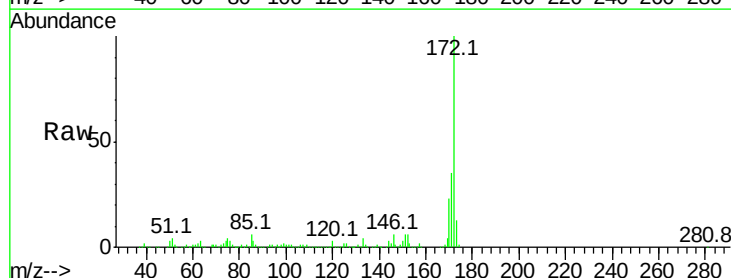


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

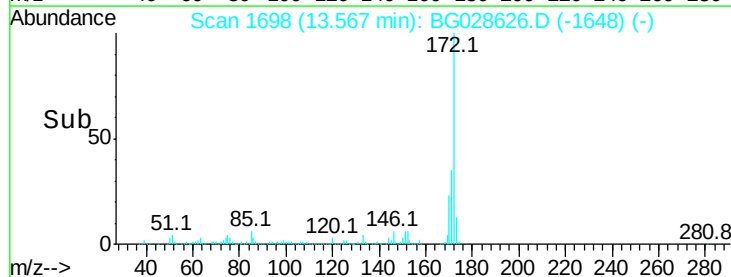
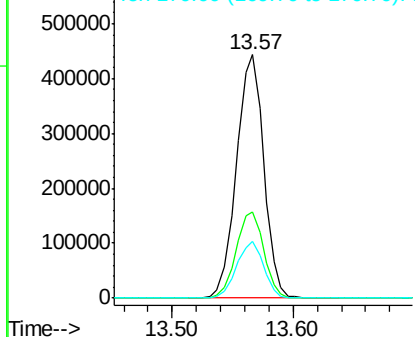


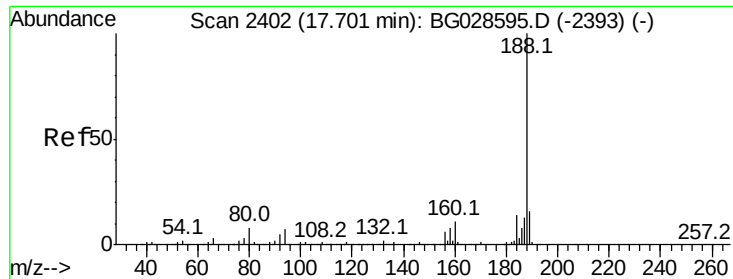
#44
 2-Fluorobiphenyl
 Concen: 94.409 ng
 RT: 13.57 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG028626.D
 Acq: 9 Sep 2017 22:15

Tgt Ion:172 Resp: 700292
 Ion Ratio Lower Upper
 172 100
 171 35.4 32.2 48.2
 170 23.5 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

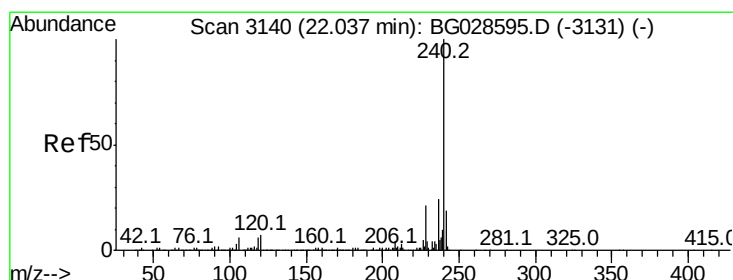
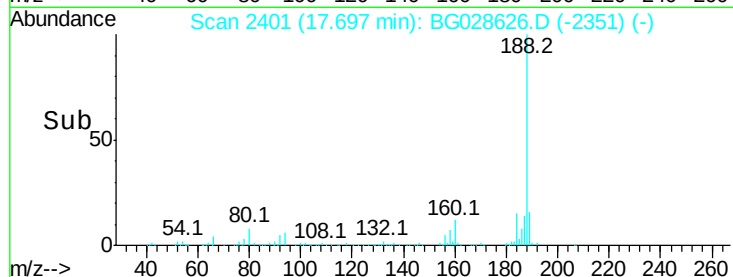
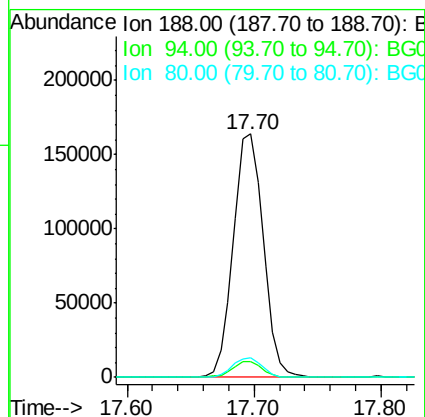
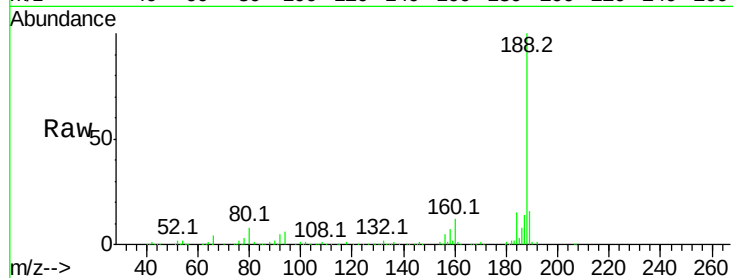




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.70 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG028626.D
Acq: 9 Sep 2017 22:15

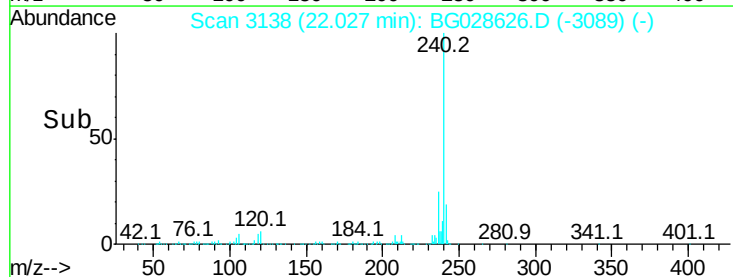
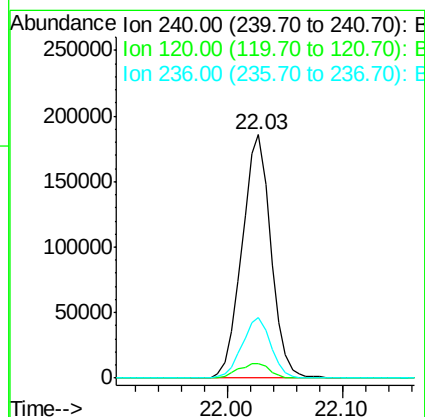
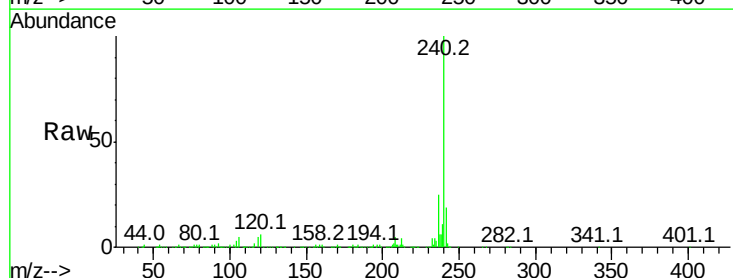
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BNA_G
ClientSampleId :
TP-1-COMP

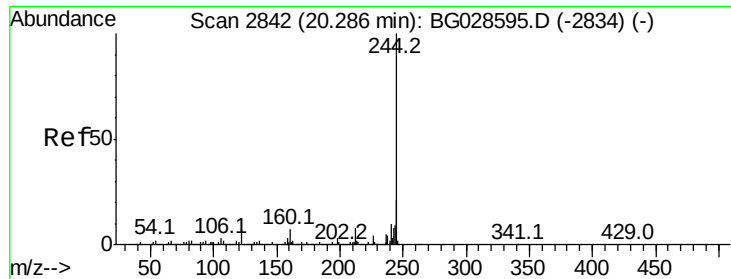
Tot Ion:188 Resp: 267674
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 8.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.03 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028626.D
Acq: 9 Sep 2017 22:15

Tgt Ion:240 Resp: 323065
Ion Ratio Lower Upper
240 100
120 6.1 5.7 8.5
236 25.0 22.2 33.4



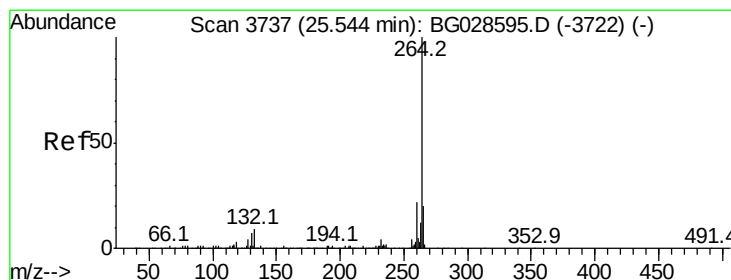
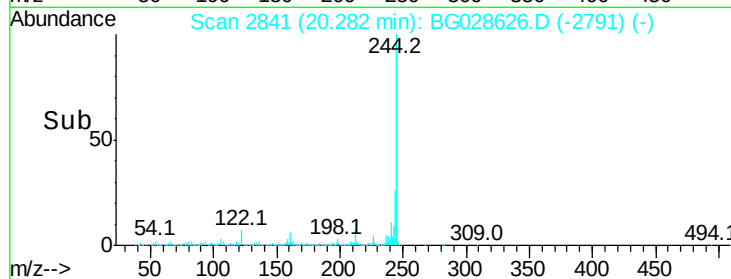
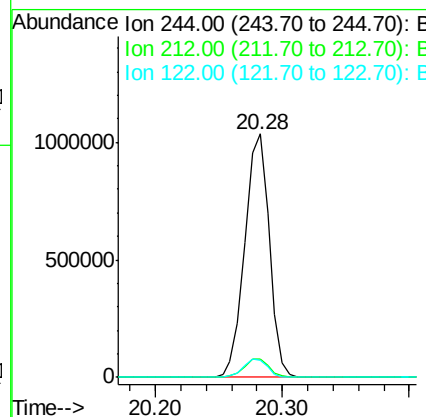
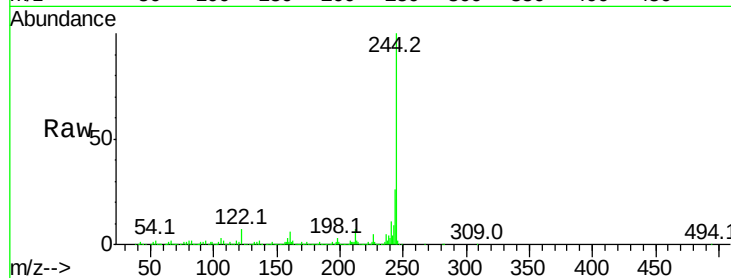


#78
 Terphenyl-d14
 Concen: 92.412 ng
 RT: 20.28 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: BG028626.D
 Acq: 9 Sep 2017 22:15

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-COMP

Tot Ion:244 Resp: 1385694

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	7.0	8.6	12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.53 min Scan# 3734
 Delta R.T. -0.02 min
 Lab File: BG028626.D
 Acq: 9 Sep 2017 22:15

Tgt Ion:264 Resp: 312201

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.8	32.8
265	22.4	18.2	27.4

