Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071017\
Data File : BG027900.D
Acq On : 10 Jul 2017 23:25
Operator : SJ/JU
Sample : I4108-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 11 07:03:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 17:43:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	42311	20.00	ng	-0.01
21) Naphthalene-d8	11.23	136	178194	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	93020	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	243694	20.00	ng	-0.01
75) Chrysene-d12	22.10	240	299566	20.00	ng	-0.03
86) Perylene-d12	25.66	264	137393	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	371388	135.17	ng	0.00
7) Phenol-d6	7.57	99	465496	110.90	ng	0.00
23) Nitrobenzene-d5	9.58	82	256591	80.26	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	231513	181.45	ng	-0.02
44) 2-Fluorobiphenyl	13.64	172	645043	99.04	ng	-0.01
78) Terphenyl-d14	20.34	244	1336559	104.60	ng	-0.01
Target Compounds						Qvalue
76) Benzidine	19.98	184	58	3.22	ng	# 64

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

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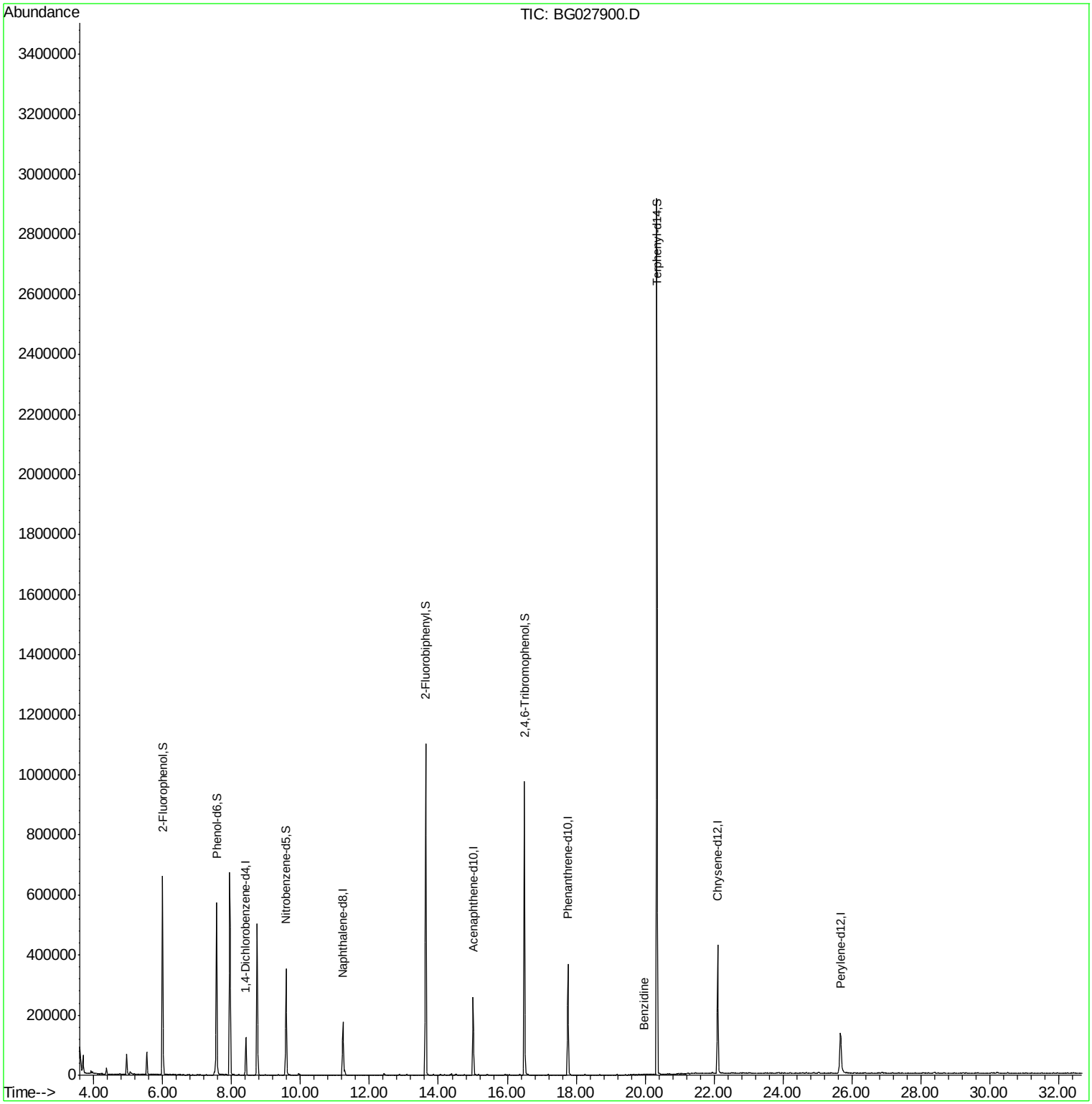
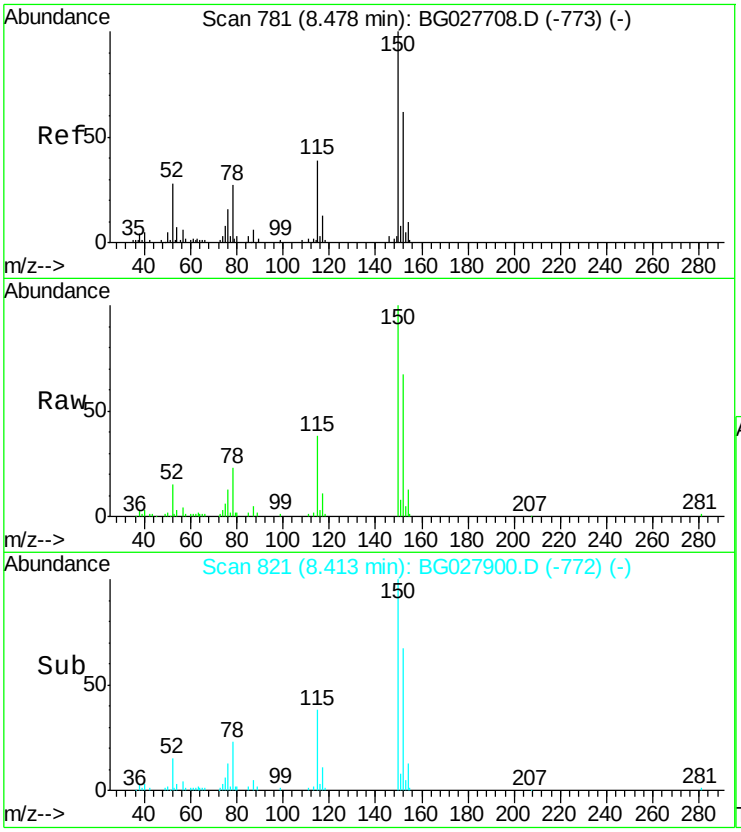


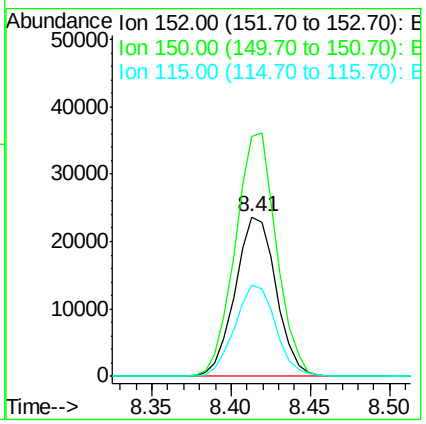


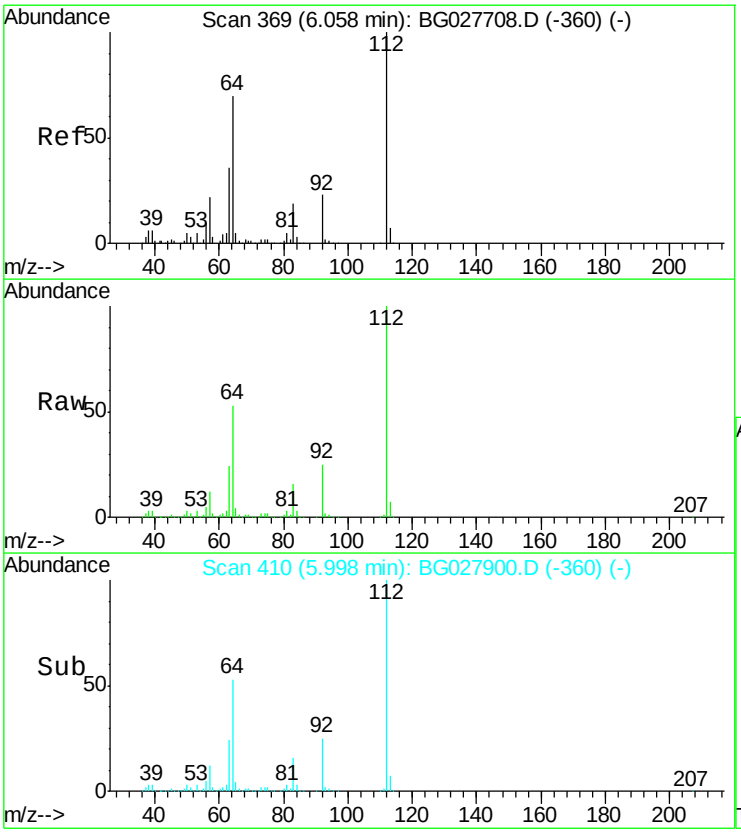
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.41 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42311

Ion	Ratio	Lower	Upper
152	100		
150	150.1	114.0	171.0
115	57.5	48.1	72.1

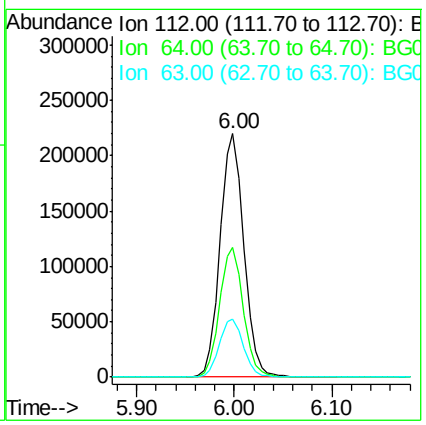


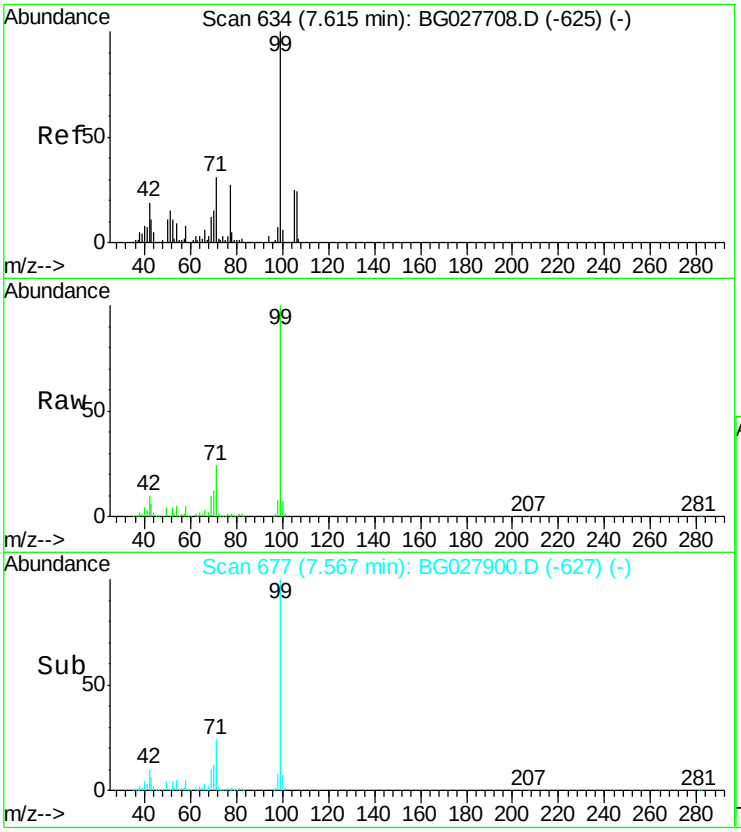


#5
2-Fluorophenol
Concen: 135.17 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Tgt Ion:112 Resp: 371388

Ion	Ratio	Lower	Upper
112	100		
64	53.2	61.8	92.6#
63	23.8	37.2	55.8#



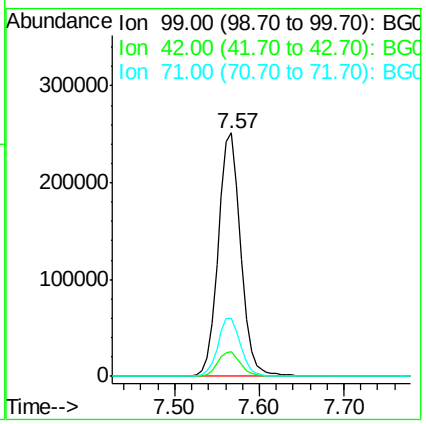


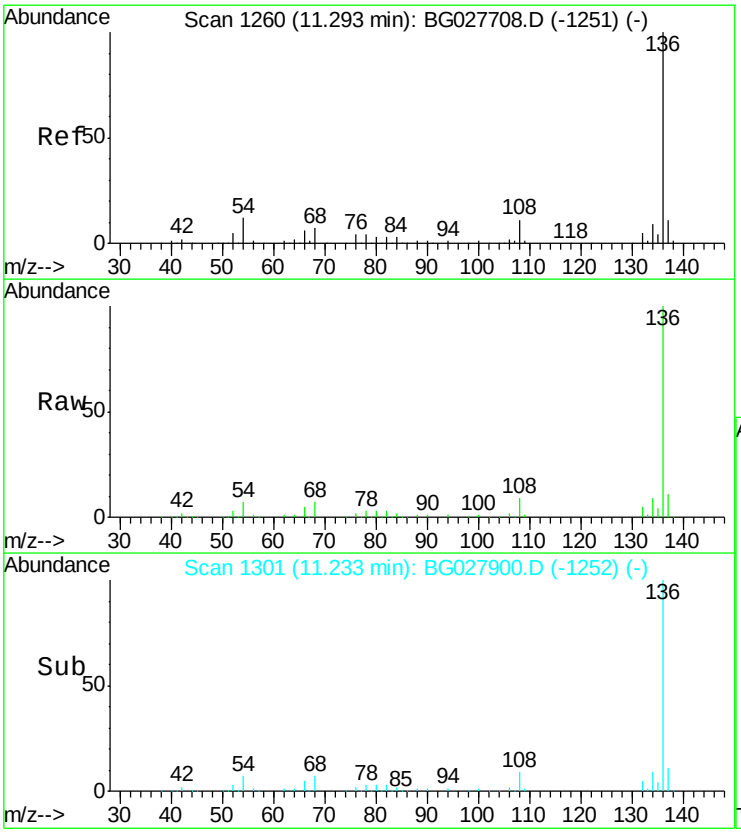
#7
Phenol-d6
Concen: 110.90 ng
RT: 7.57 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 465496

Ion	Ratio	Lower	Upper
99	100		
42	10.1	20.5	30.7#
71	24.0	37.6	56.4#

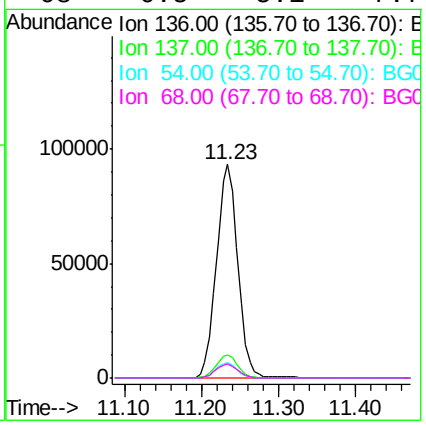


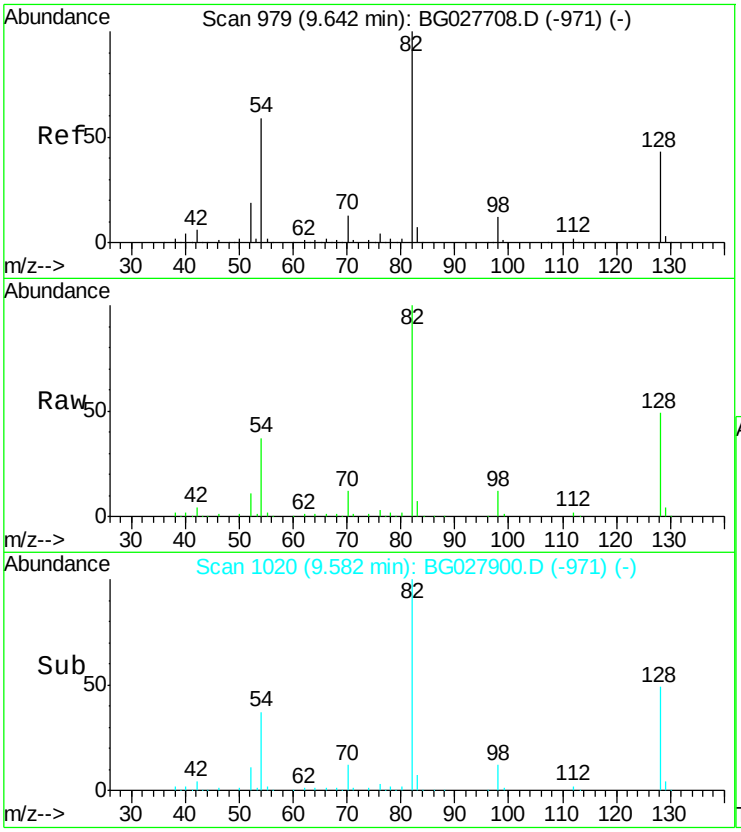


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.23 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Tgt Ion:136 Resp: 178194

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	9.3	13.9#
68	6.5	5.1	7.7



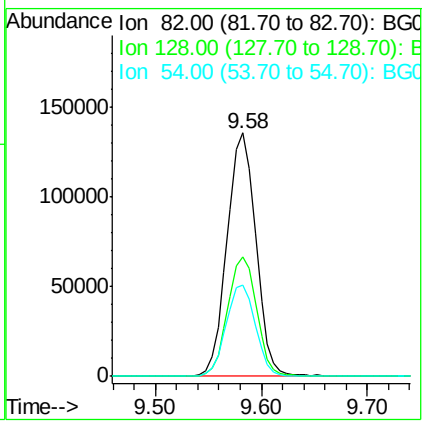


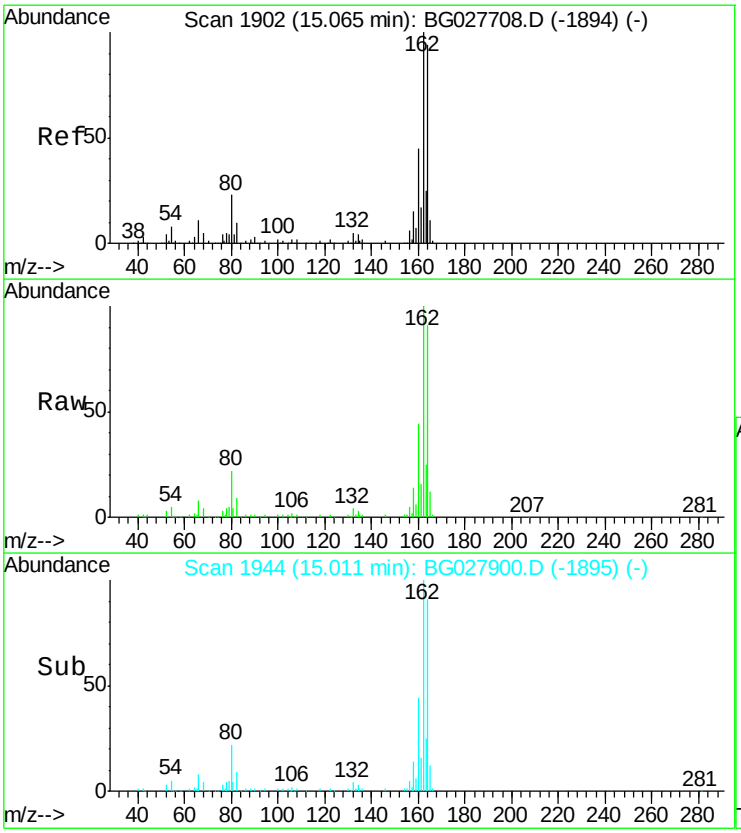
#23
Nitrobenzene-d5
Concen: 80.26 ng
RT: 9.58 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 256591

Ion	Ratio	Lower	Upper
82	100		
128	49.0	26.4	39.6#
54	37.5	49.4	74.2#

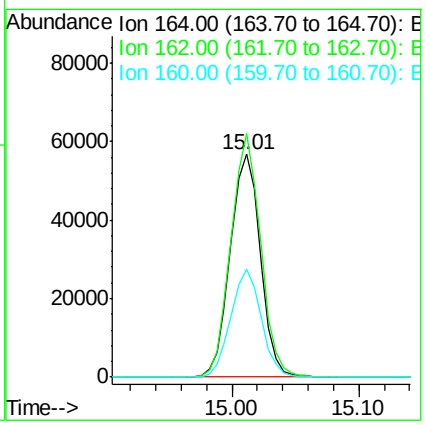


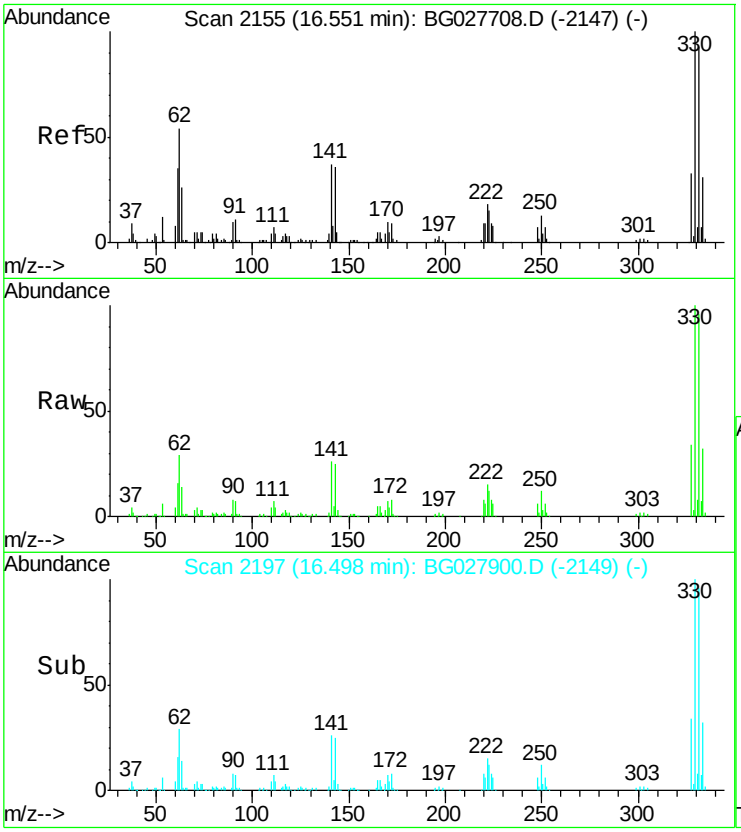


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Tgt Ion:164 Resp: 93020

Ion	Ratio	Lower	Upper
164	100		
162	109.4	85.1	127.7
160	48.3	34.7	52.1



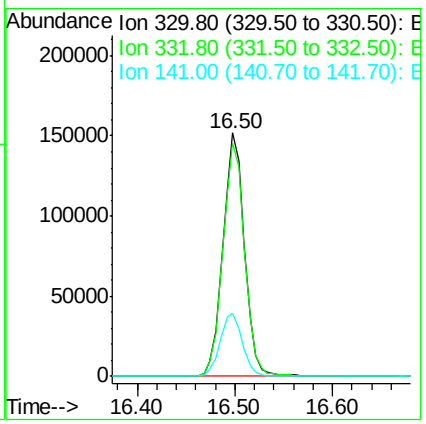


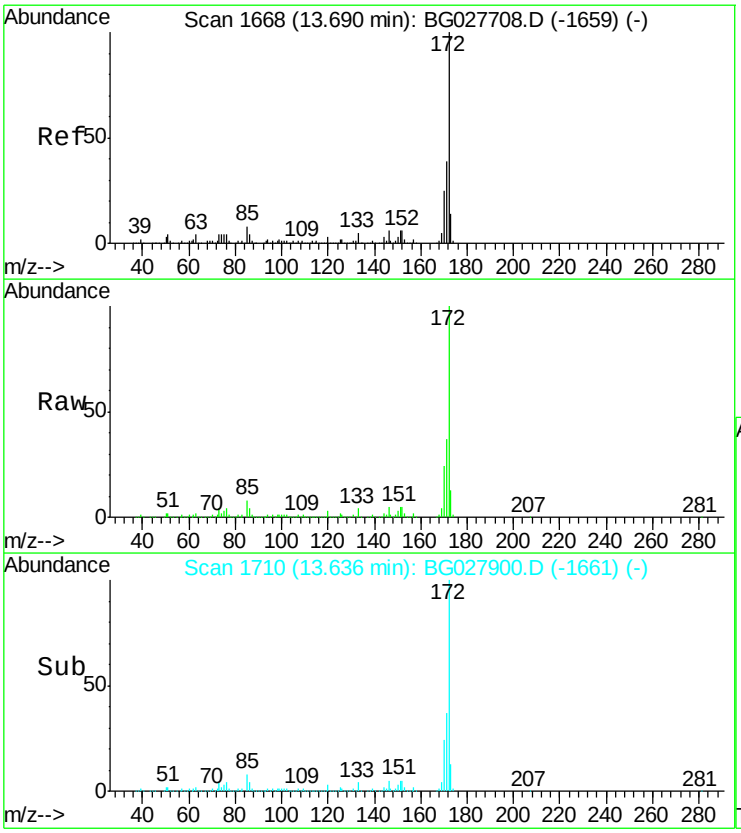
#41
2,4,6-Tribromophenol
Concen: 181.45 ng
RT: 16.50 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 231513

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.3	115.9
141	26.9	32.1	48.1#

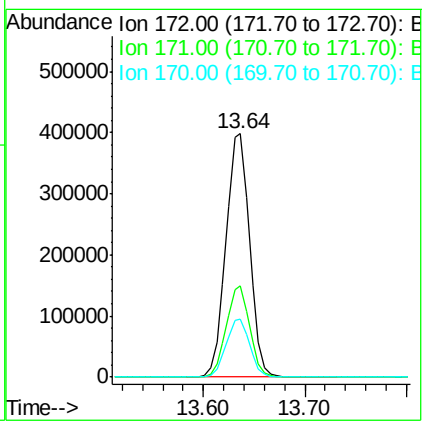


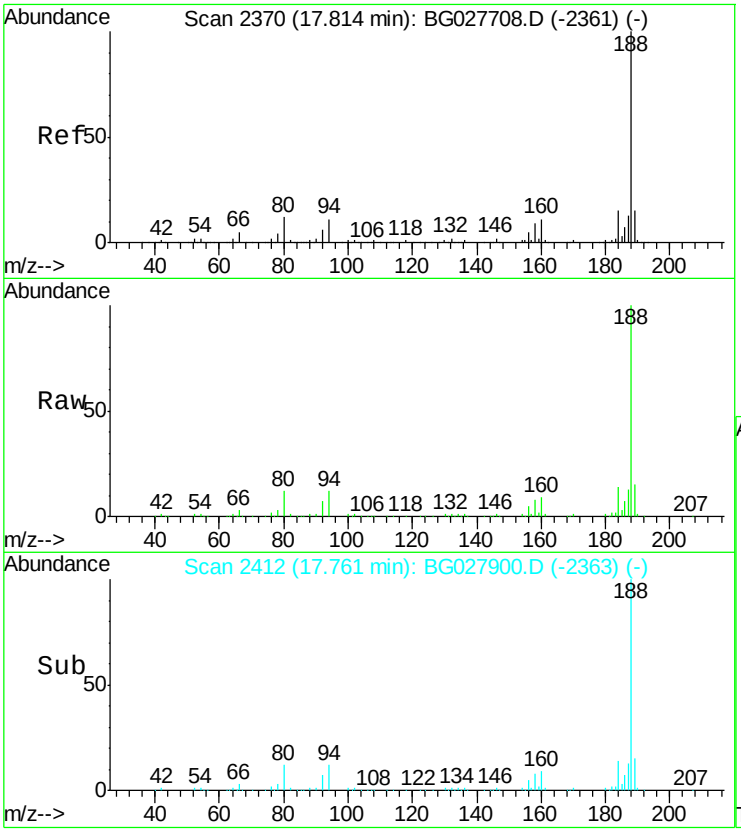


#44
2-Fluorobiphenyl
Concen: 99.04 ng
RT: 13.64 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Tgt Ion:172 Resp: 645043

Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	23.6	21.8	32.6



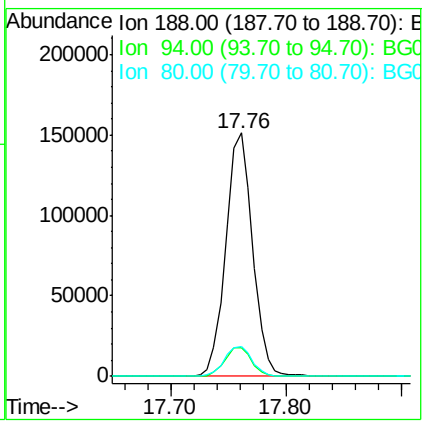


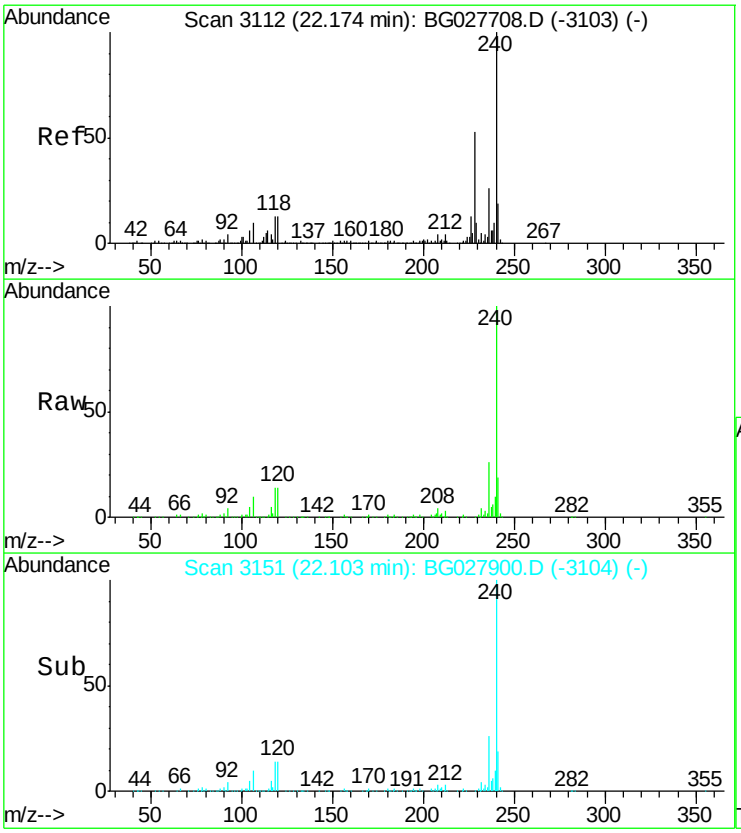
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 243694

Ion	Ratio	Lower	Upper
188	100		
94	11.9	5.8	8.8#
80	12.2	7.5	11.3#

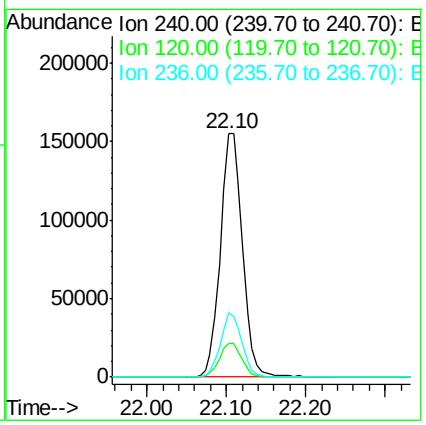


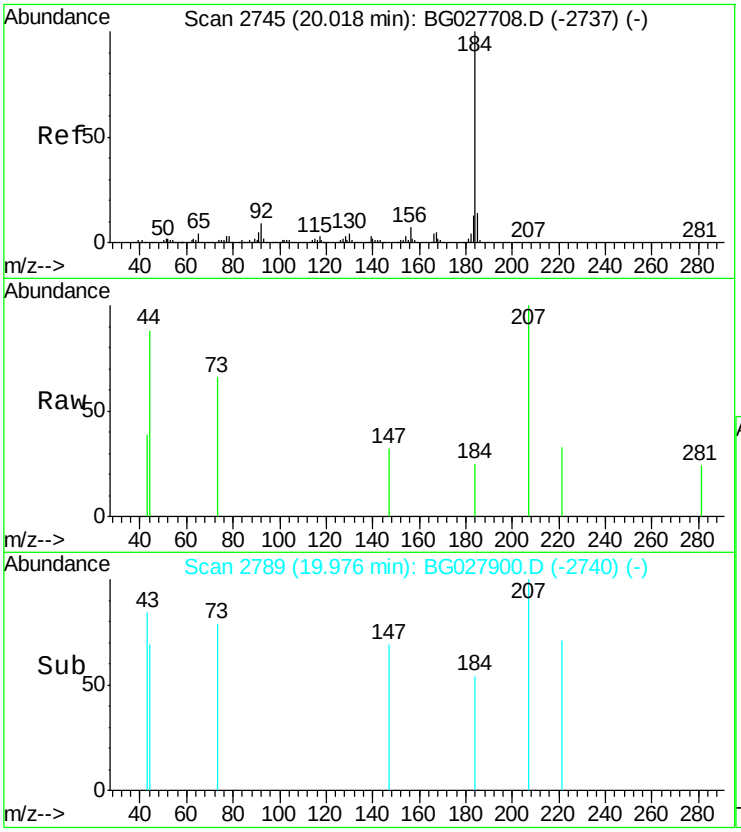


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.10 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Tgt Ion:240 Resp: 299566

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.7	8.5#
236	26.5	22.2	33.4



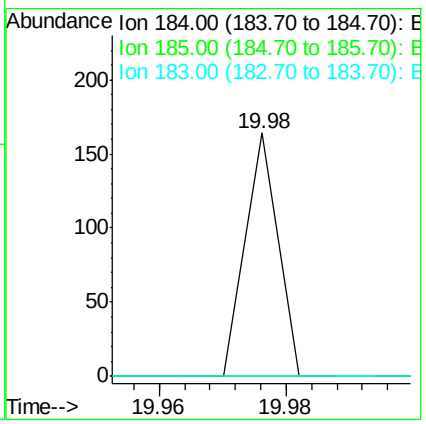


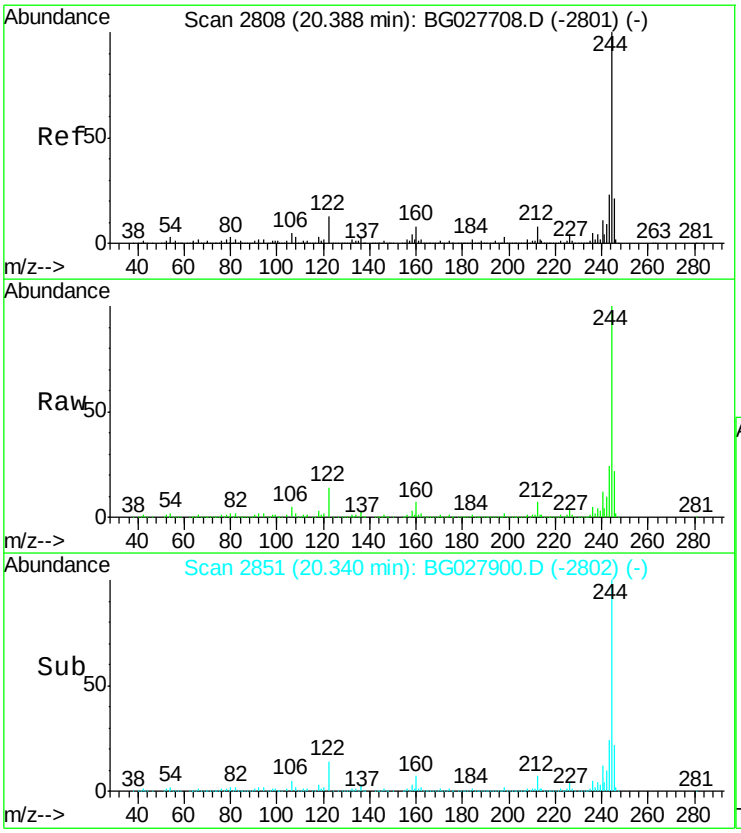
#76
Benzidine
Concen: 3.22 ng
RT: 19.98 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 58

Ion	Ratio	Lower	Upper
184	100		
185	0.0	13.0	19.6#
183	0.0	11.0	16.6#

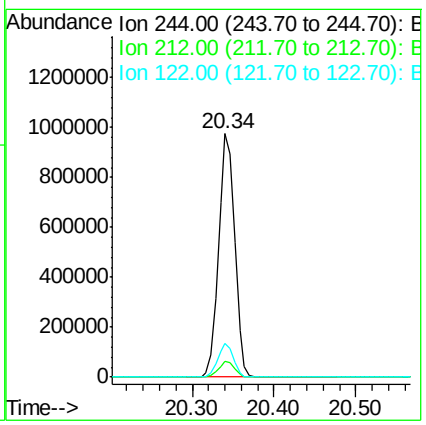


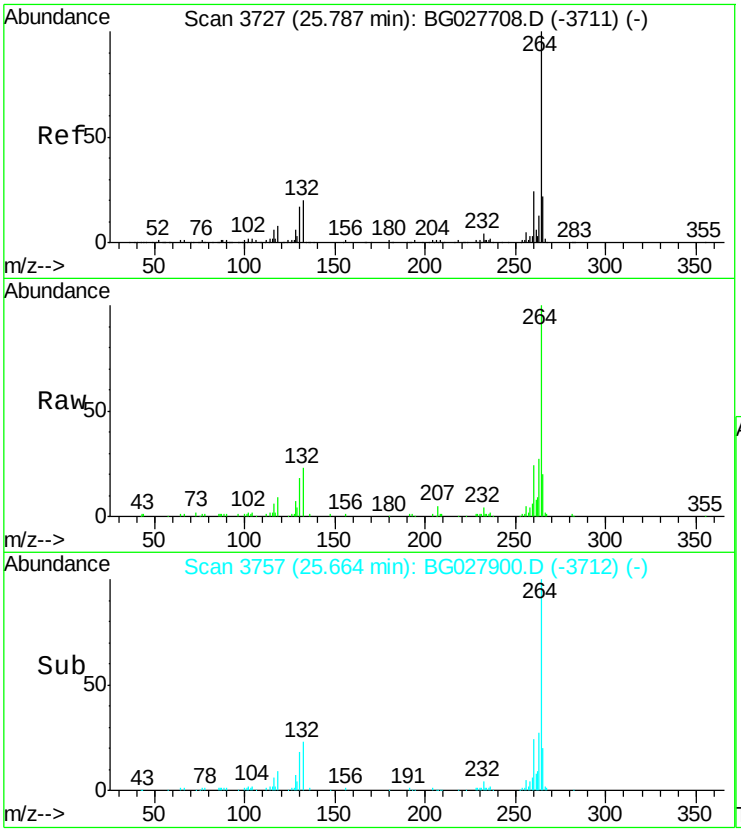


#78
Terphenyl-d14
Concen: 104.60 ng
RT: 20.34 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Tgt Ion:244 Resp: 1336559

Ion	Ratio	Lower	Upper
244	100		
212	6.7	10.0	15.0#
122	14.0	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.66 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG027900.D
Acq: 10 Jul 2017 23:25

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 137393

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	20.2	18.2	27.4