Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
Data File : BG026577.D
Acq On : 6 Apr 2017 22:21
Operator : SJ/MA
Sample : I2532-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 54C

Quant Time: Apr 07 01:13:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	171805	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	689199	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	390662	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	911665	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1067261	20.00	ng	0.00
86) Perylene-d12	24.81	264	1046233	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	519627	53.68	ng	0.00
7) Phenol-d6	7.20	99	468761	36.07	ng	0.00
23) Nitrobenzene-d5	9.20	82	874787	76.32	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	501272	112.05	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2410391	86.53	ng	0.00
78) Terphenyl-d14	19.98	244	3021207	68.75	ng	0.00
Target Compounds						Qvalue

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

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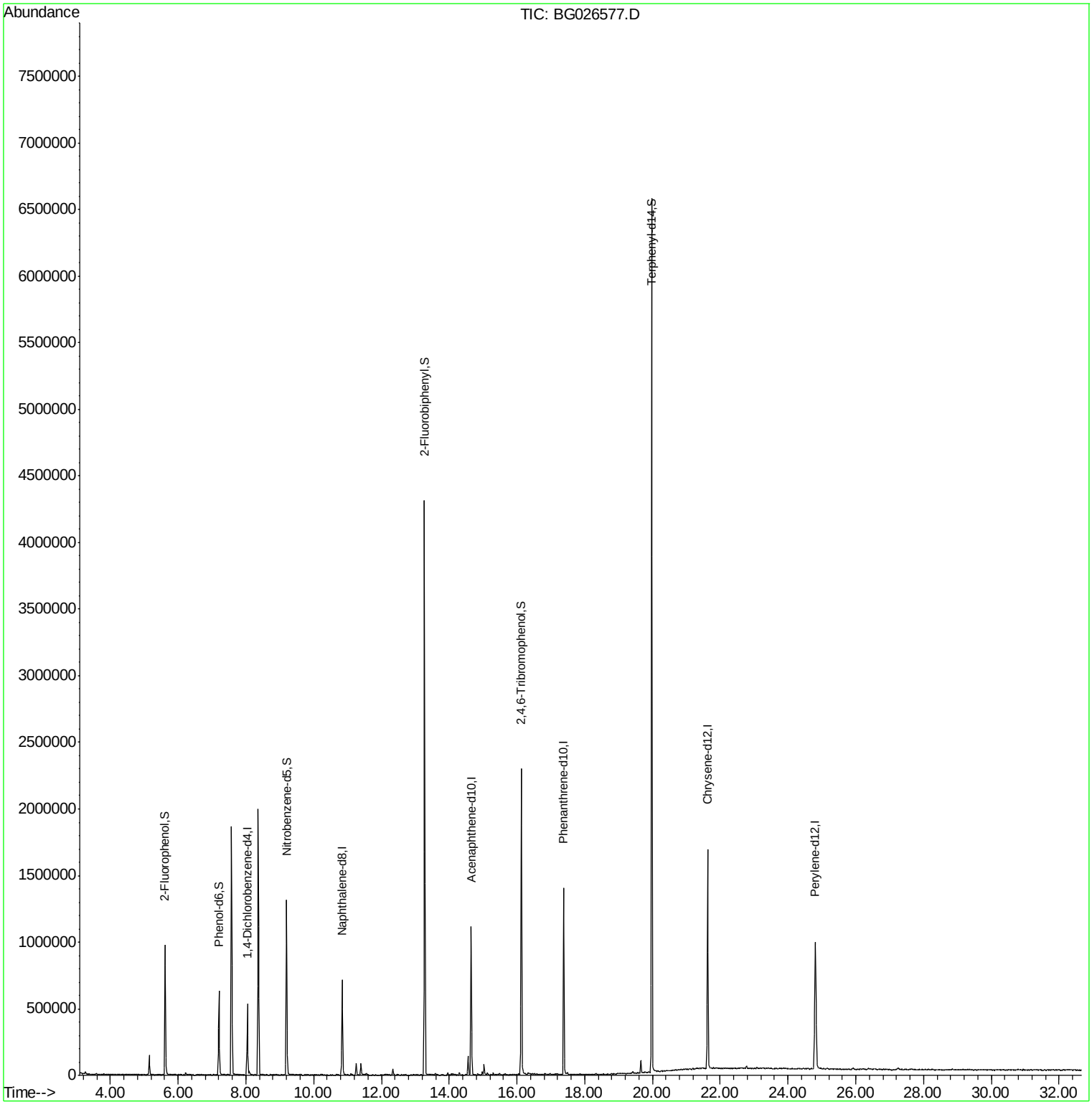
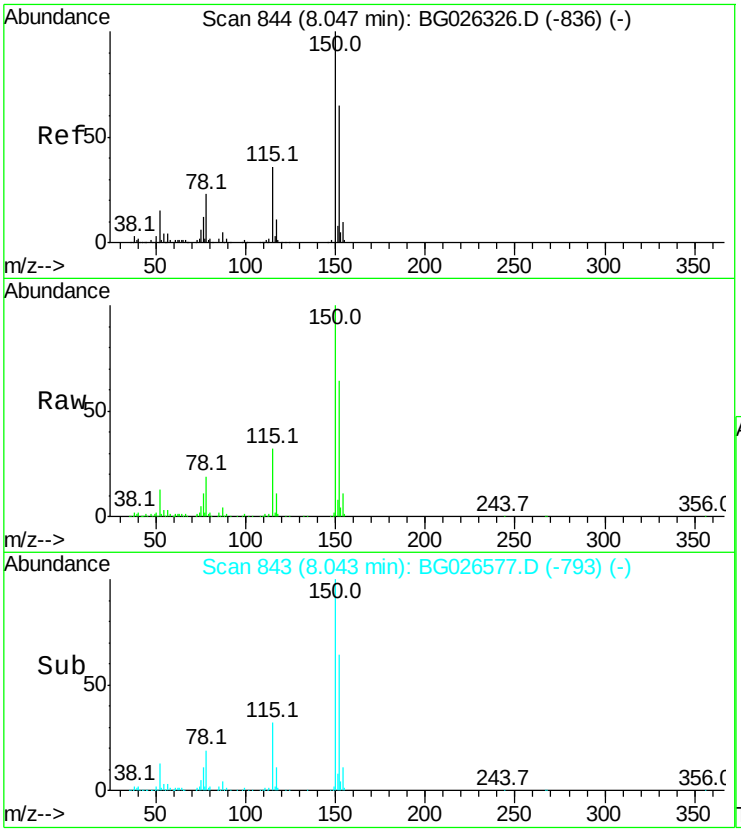


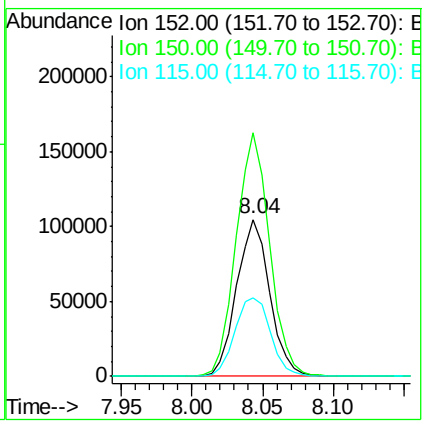


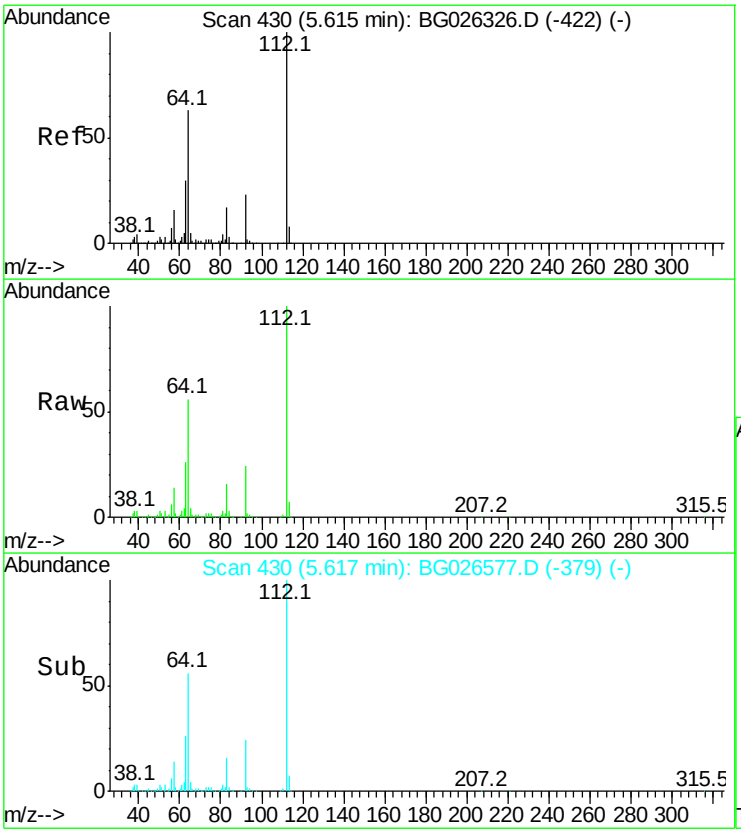
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Instrument :
BNA_G
ClientSampleId :
54C

Tgt Ion:152 Resp: 171805

Ion	Ratio	Lower	Upper
152	100		
150	155.1	114.0	171.0
115	49.7	48.1	72.1

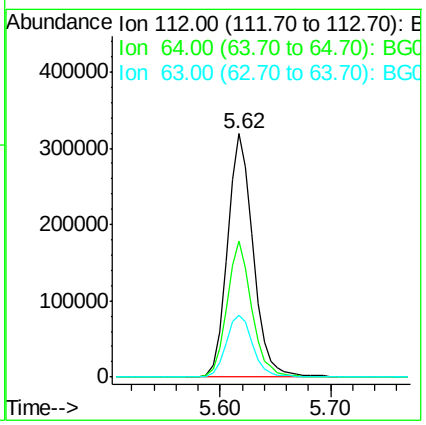


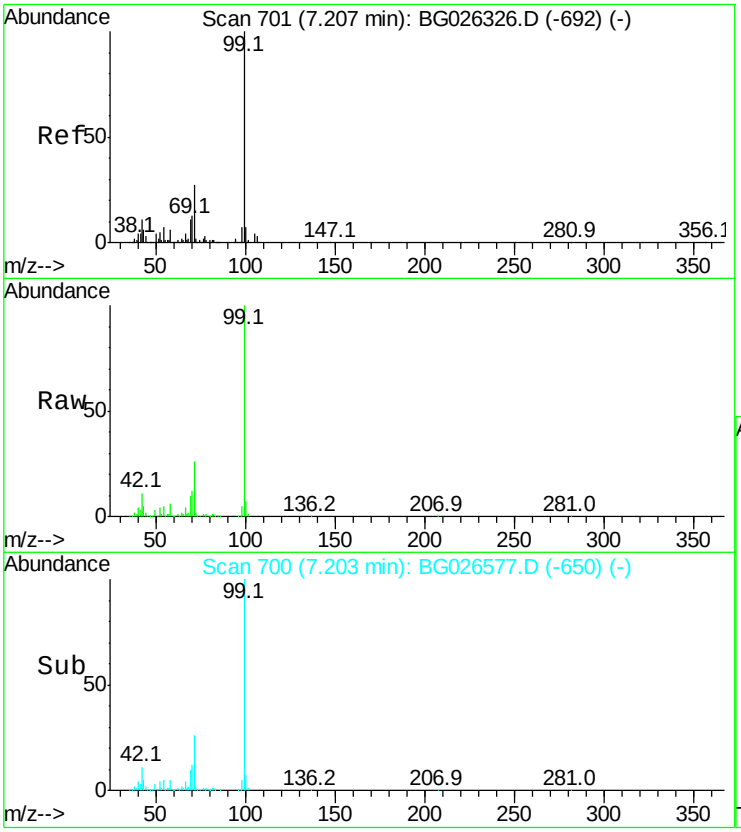


#5
2-Fluorophenol
Concen: 53.68 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Tgt Ion:112 Resp: 519627

Ion	Ratio	Lower	Upper
112	100		
64	55.7	61.8	92.6#
63	25.6	37.2	55.8#



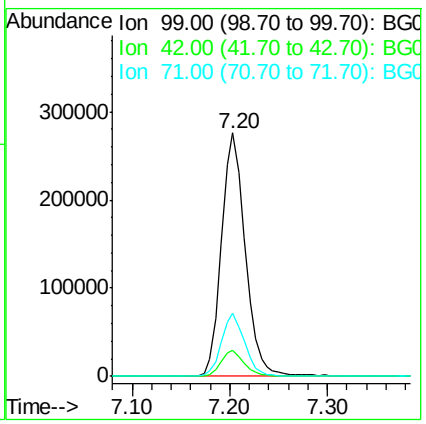


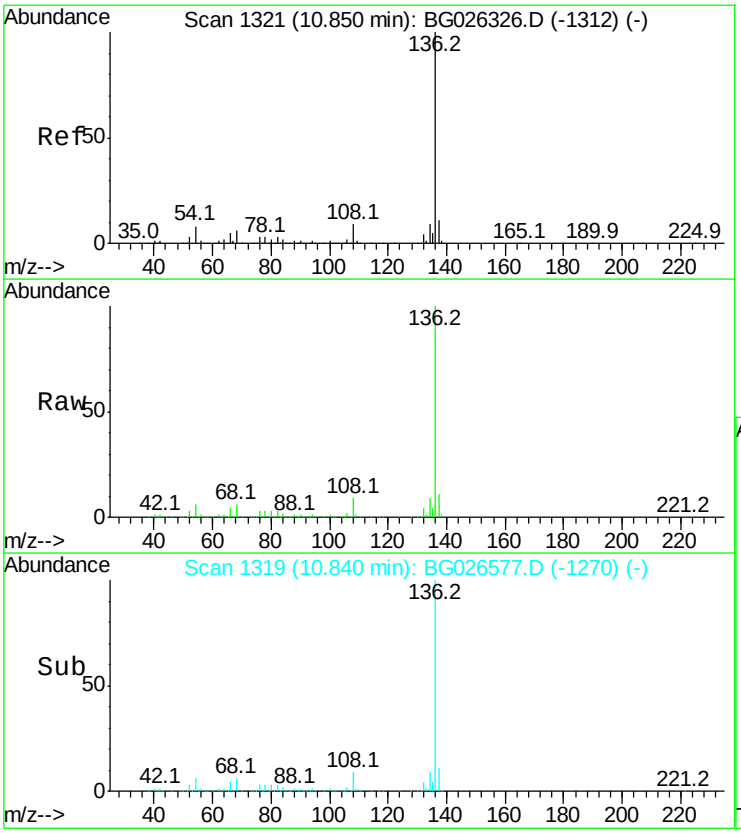
#7
Phenol-d6
Concen: 36.07 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Instrument :
BNA_G
ClientSampleId :
54C

Tgt Ion: 99 Resp: 468761

Ion	Ratio	Lower	Upper
99	100		
42	10.5	20.5	30.7#
71	26.0	37.6	56.4#

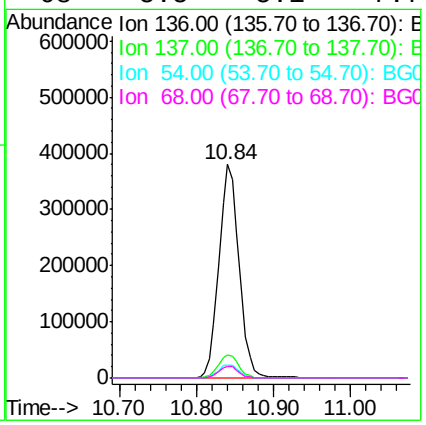


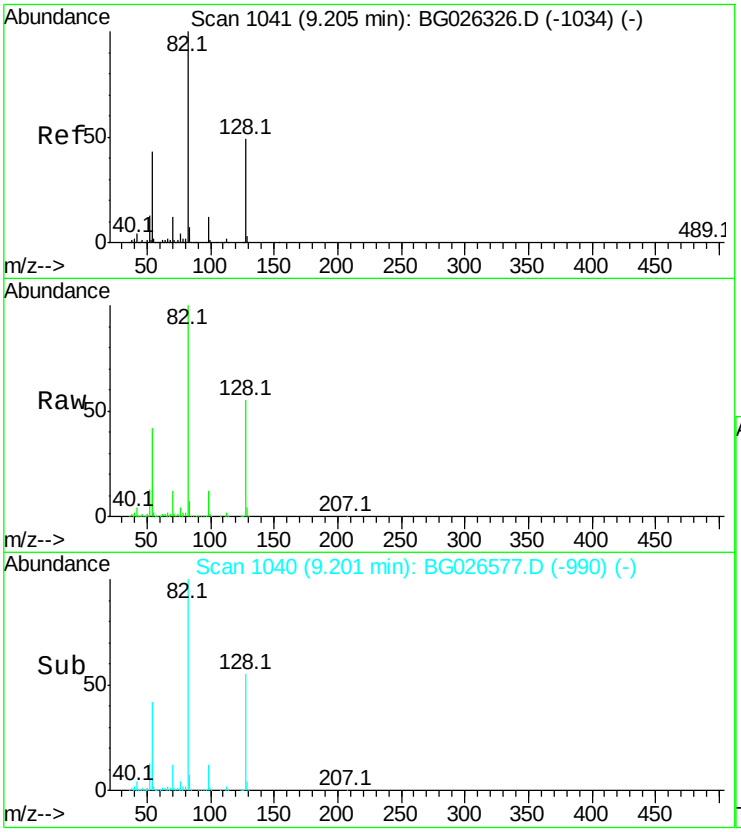


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Tgt Ion:136 Resp: 689199

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.3	9.3	13.9#
68	5.5	5.1	7.7



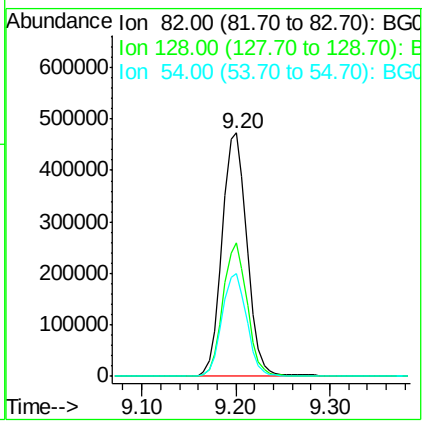


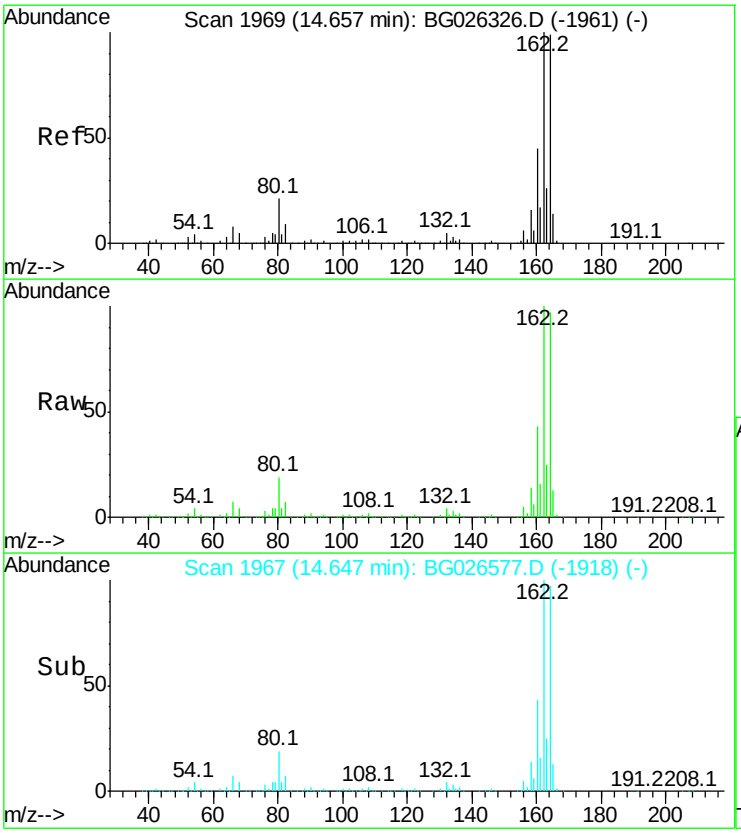
#23
Nitrobenzene-d5
Concen: 76.32 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Instrument : BNA_G
ClientSampleId : 54C

Tgt Ion: 82 Resp: 874787

Ion	Ratio	Lower	Upper
82	100		
128	55.0	26.4	39.6#
54	42.4	49.4	74.2#

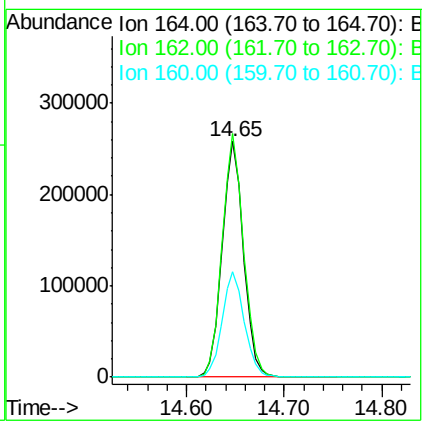


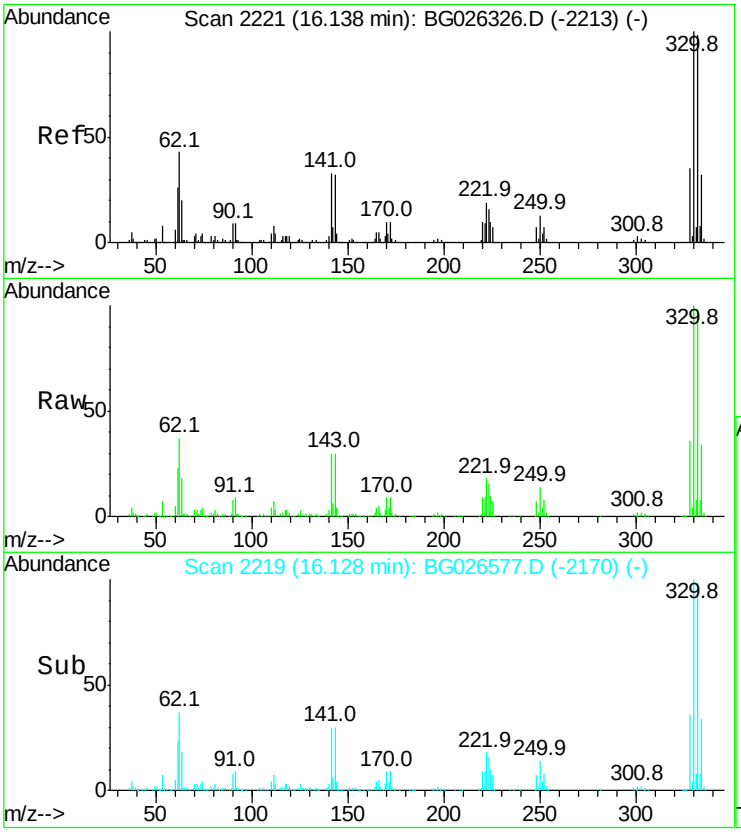


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Tgt Ion:164 Resp: 390662

Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.1	127.7
160	44.8	34.7	52.1



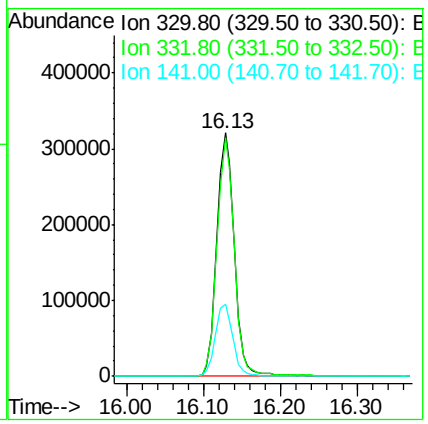


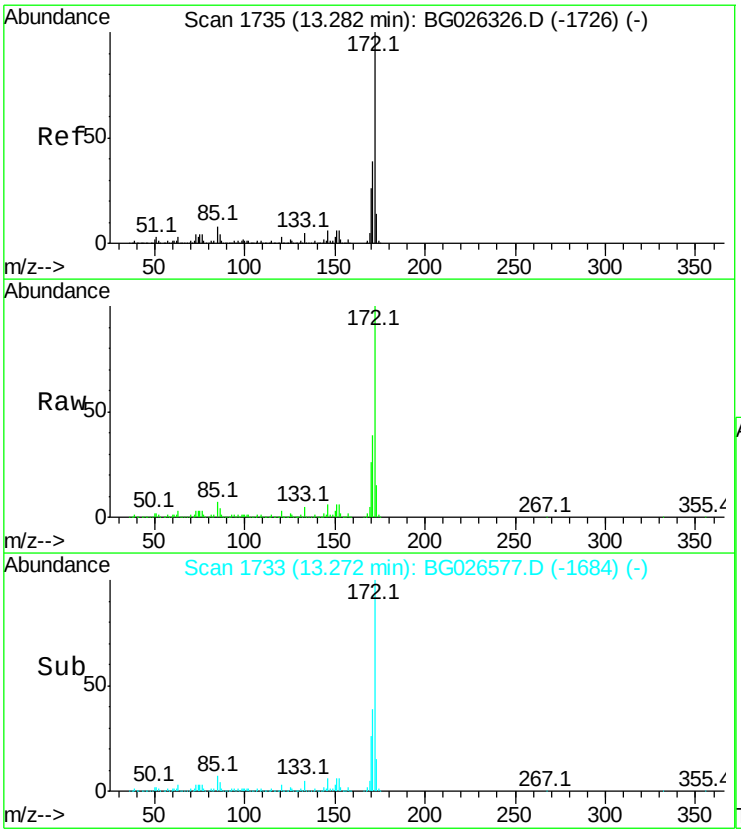
#41
2,4,6-Tribromophenol
Concen: 112.05 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Instrument :
BNA_G
ClientSampleId :
54C

Tgt Ion:330 Resp: 501272

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	29.8	32.1	48.1#

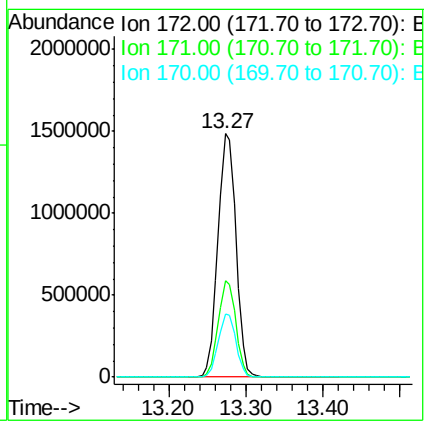


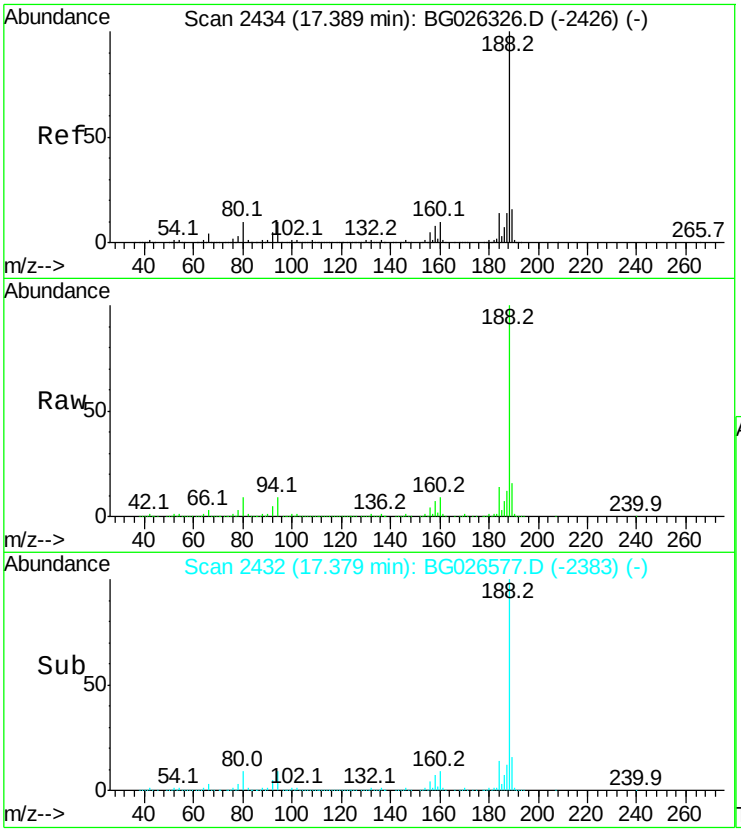


#44
2-Fluorobiphenyl
Concen: 86.53 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Tgt Ion:172 Resp: 2410391

Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.2	48.2
170	26.2	21.8	32.6



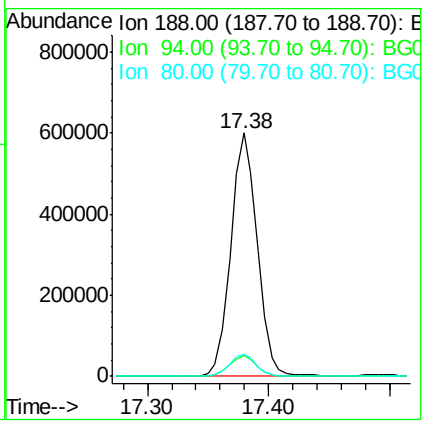


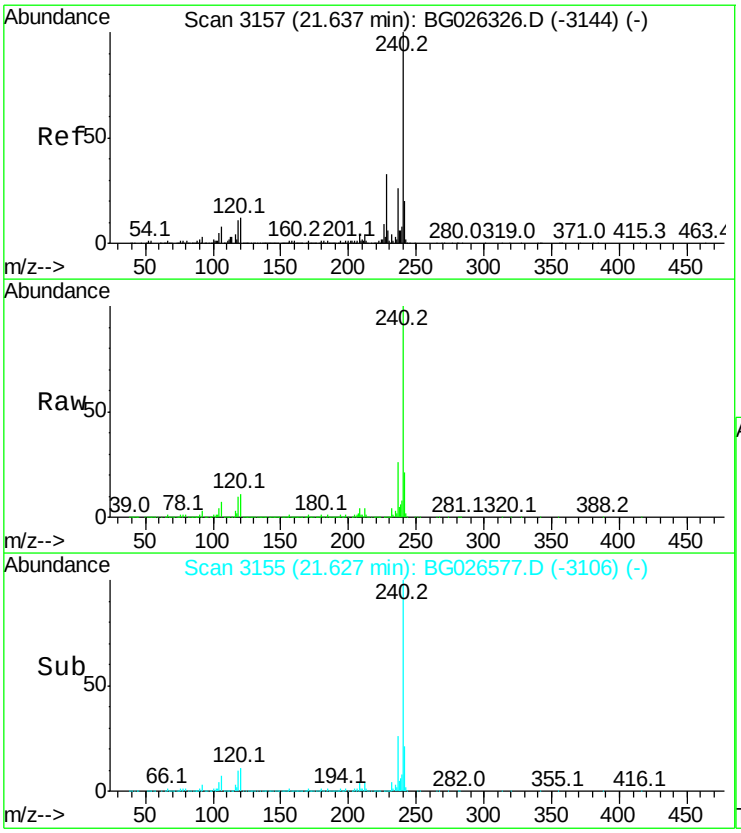
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Instrument :
BNA_G
ClientSampleId :
54C

Tgt Ion:188 Resp: 911665

Ion	Ratio	Lower	Upper
188	100		
94	8.8	5.8	8.8
80	9.3	7.5	11.3

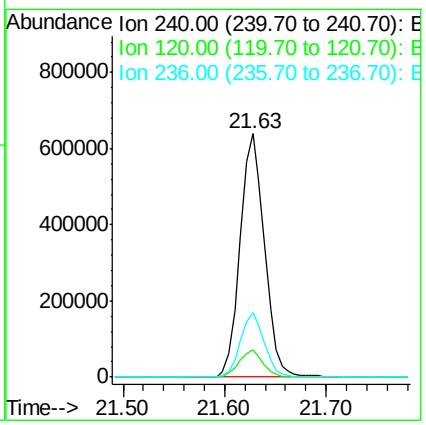


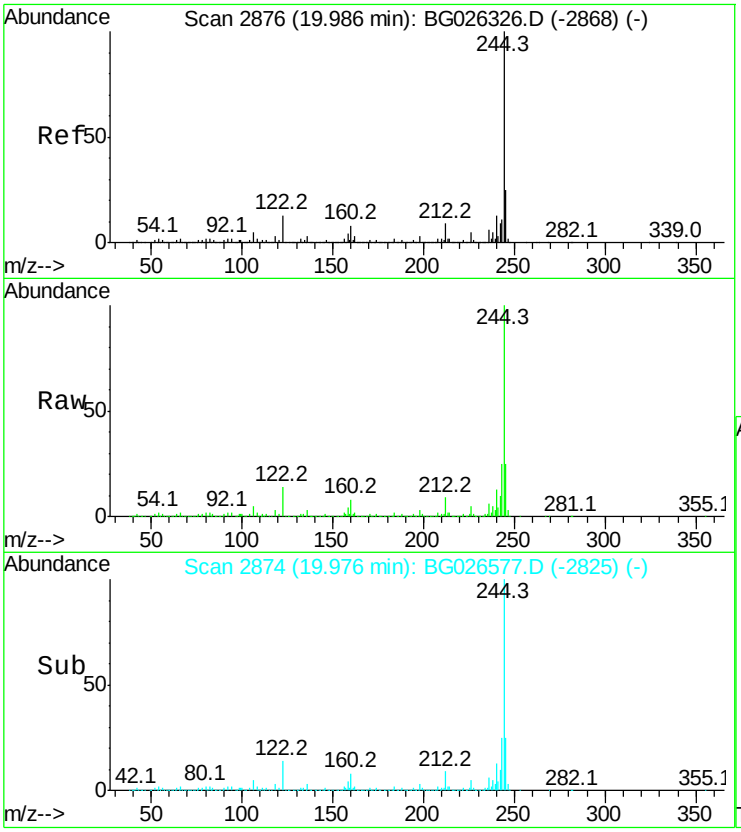


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Tgt Ion:240 Resp: 1067261

Ion	Ratio	Lower	Upper
240	100		
120	11.1	5.7	8.5#
236	26.4	22.2	33.4



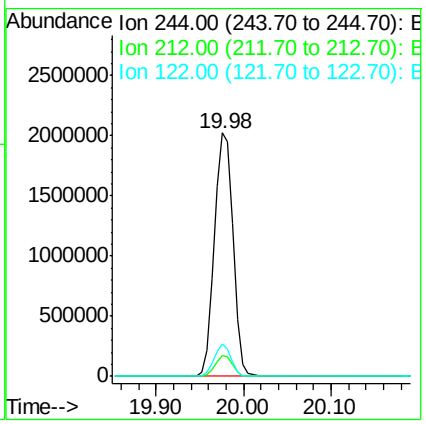


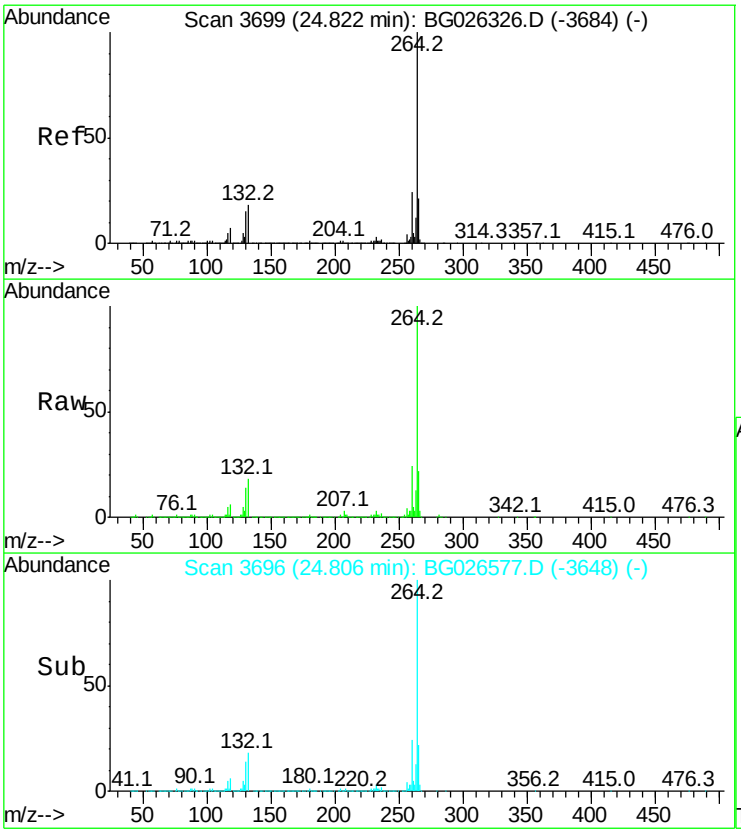
#78
Terphenyl-d14
Concen: 68.75 ng
RT: 19.98 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Instrument :
BNA_G
ClientSampleId :
54C

Tgt Ion:244 Resp: 3021207

Ion	Ratio	Lower	Upper
244	100		
212	8.6	10.0	15.0#
122	13.6	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3696
Delta R.T. -0.02 min
Lab File: BG026577.D
Acq: 6 Apr 2017 22:21

Tgt Ion:264 Resp: 1046233

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.6	18.2	27.4