Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091317\
Data File : BG028725.D
Acq On : 14 Sep 2017 10:02
Operator : SJ/JU
Sample : I5208-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 14 11:01:23 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	8.33	152	21509	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	87192	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	68097	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	245853	20.00	ng	0.00
75) Chrysene-d12	22.02	240	281321	20.00	ng	0.00
86) Perylene-d12	25.52	264	282017	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	143212	109.86	ng	0.00
7) Phenol-d6	7.48	99	182068	92.77	ng	0.00
23) Nitrobenzene-d5	9.50	82	131773	72.30	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	157925	140.22	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	358653	70.23	ng	0.00
78) Terphenyl-d14	20.28	244	976906	74.05	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.36	122	84	6.152	ng	# 1
76) Benzidine	19.91	184	100469	13.772	ng	96

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

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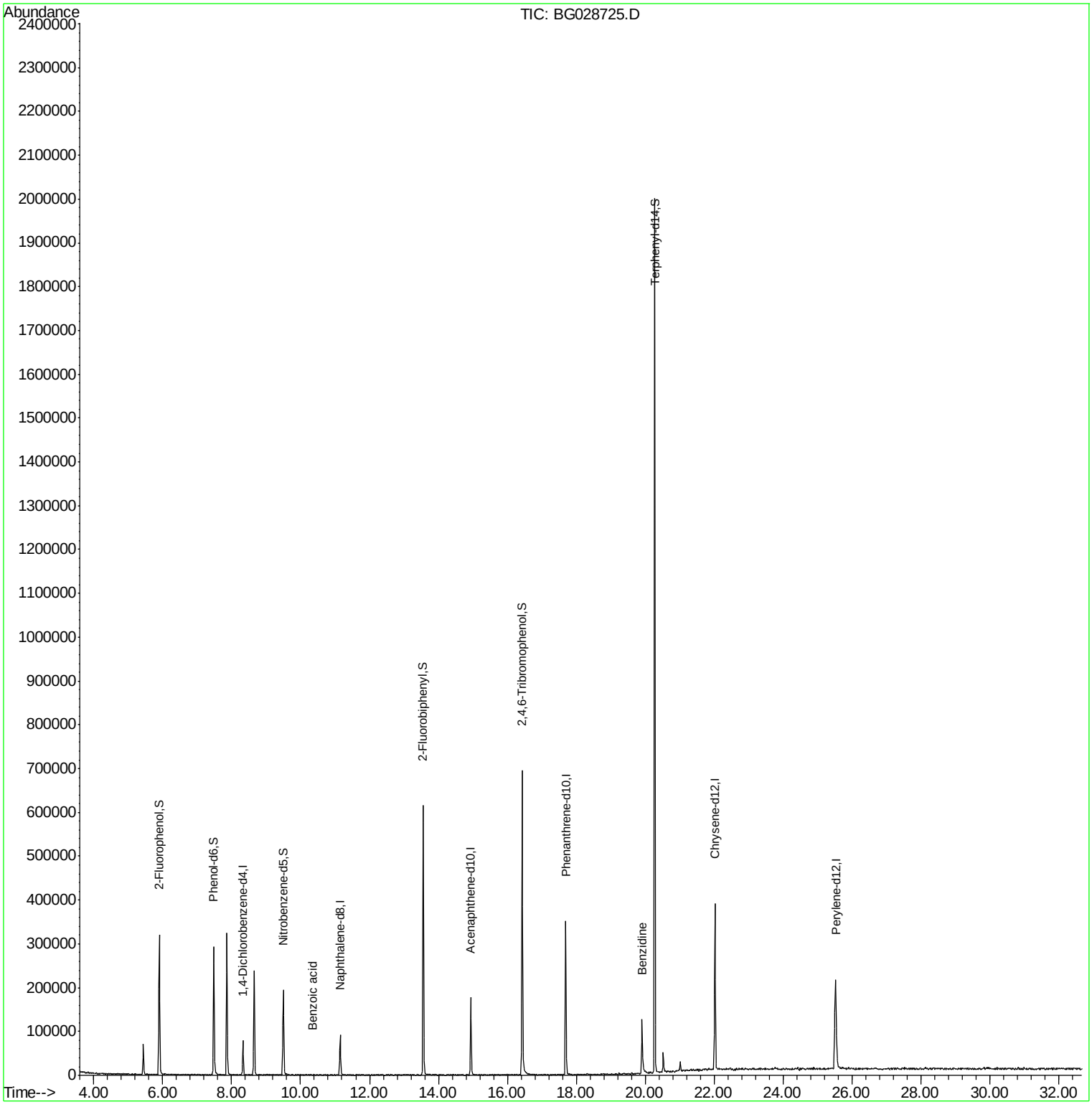
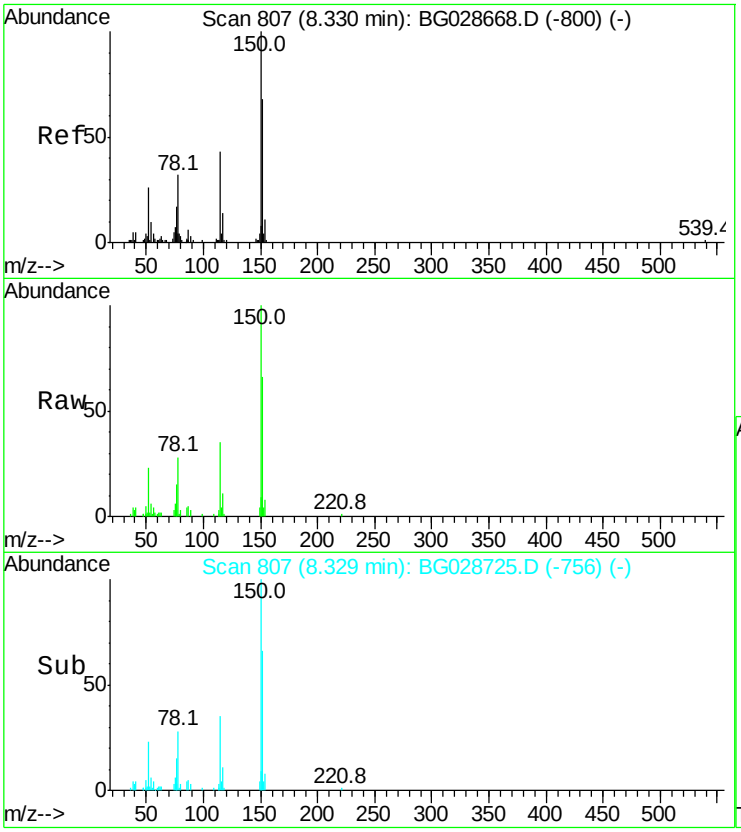


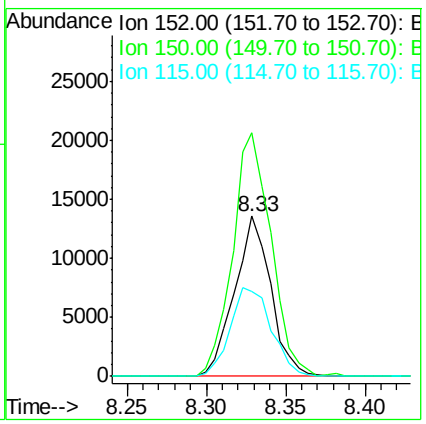


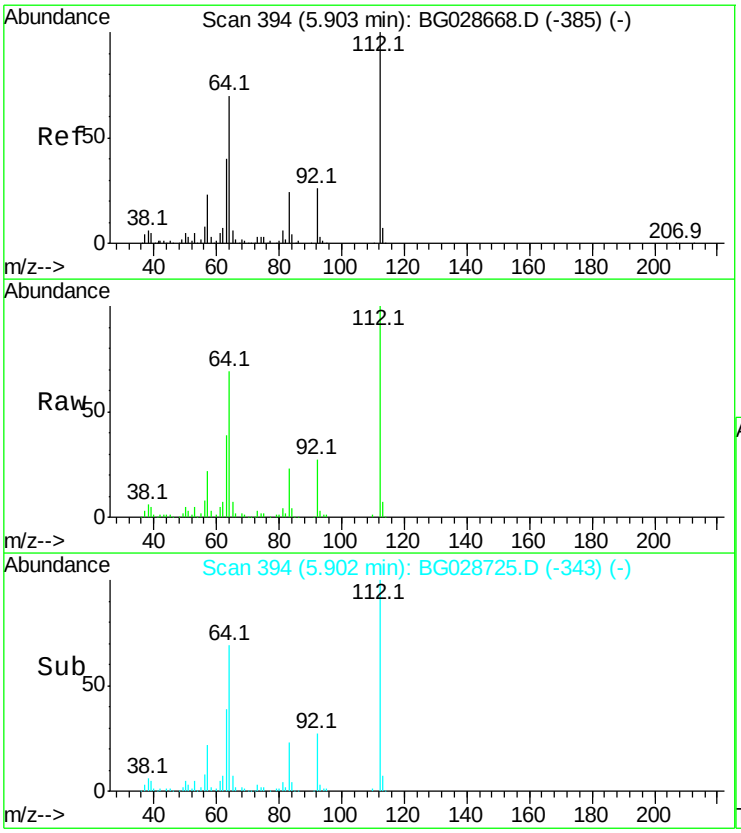
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 21509

Ion	Ratio	Lower	Upper
152	100		
150	151.9	114.0	171.0
115	53.0	48.1	72.1

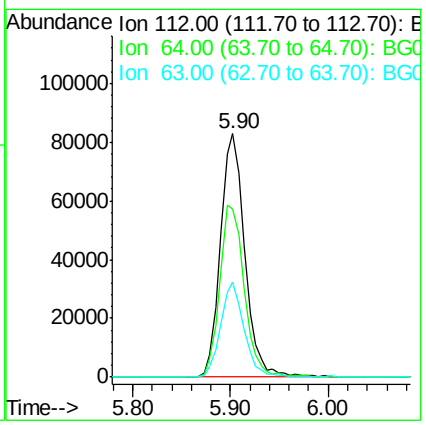


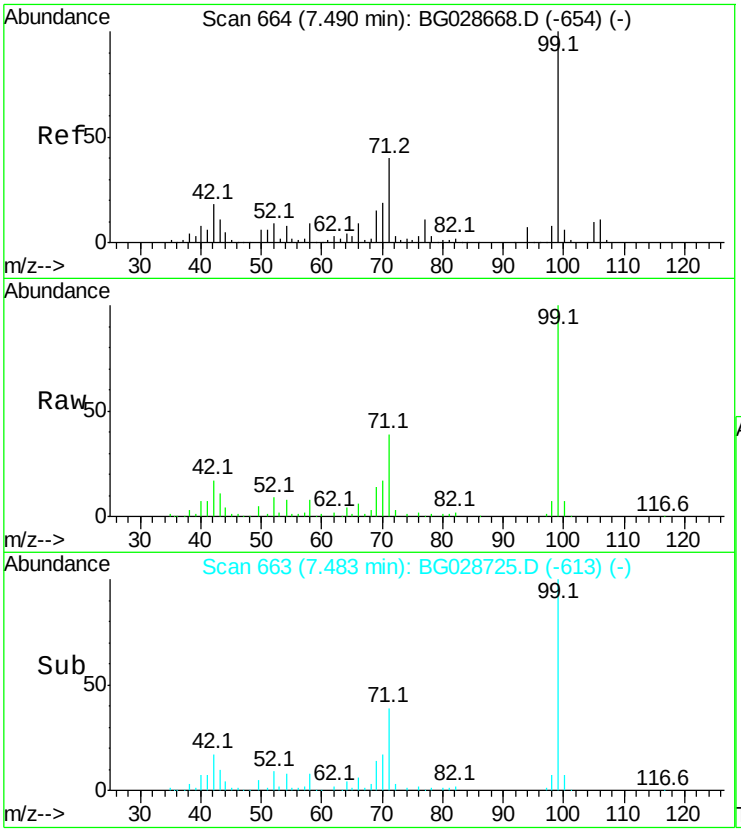


#5
2-Fluorophenol
Concen: 109.864 ng
RT: 5.90 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Tgt Ion:112 Resp: 143212

Ion	Ratio	Lower	Upper
112	100		
64	69.1	61.8	92.6
63	39.0	37.2	55.8



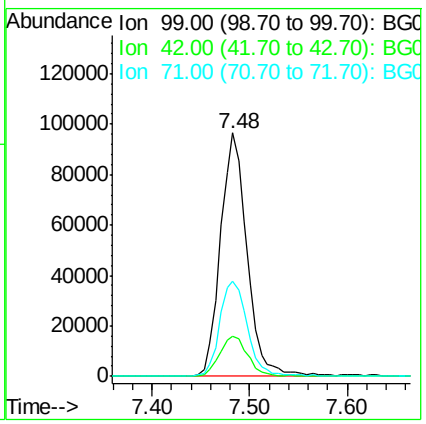


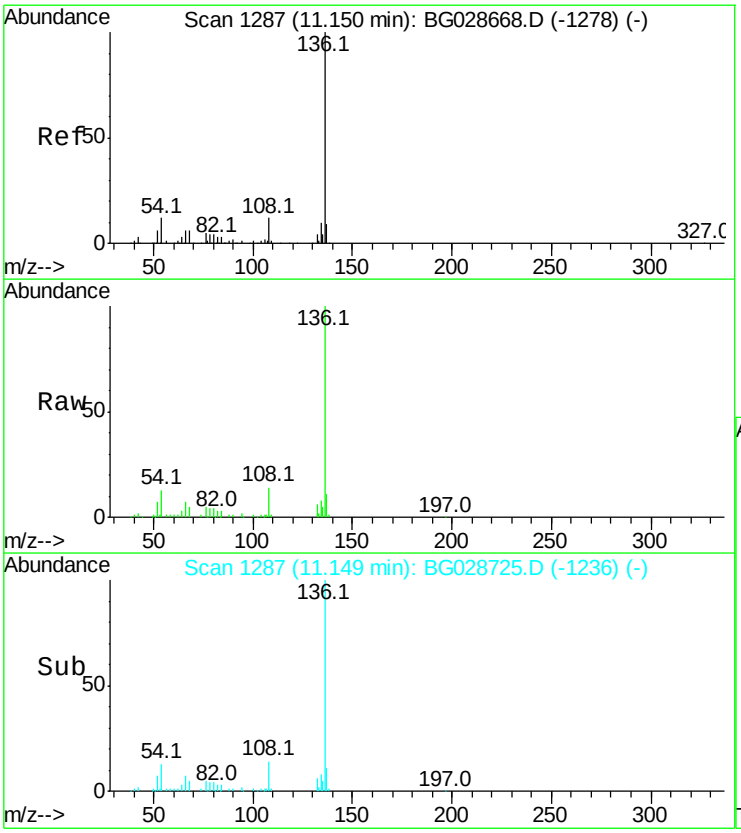
#7
Phenol-d6
Concen: 92.767 ng
RT: 7.48 min Scan# 663
Delta R.T. -0.01 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 182068

Ion	Ratio	Lower	Upper
99	100		
42	16.7	20.5	30.7#
71	39.3	37.6	56.4

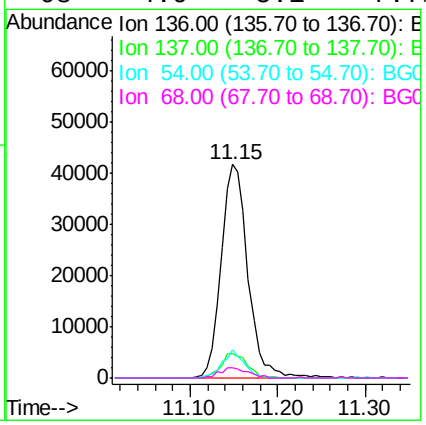


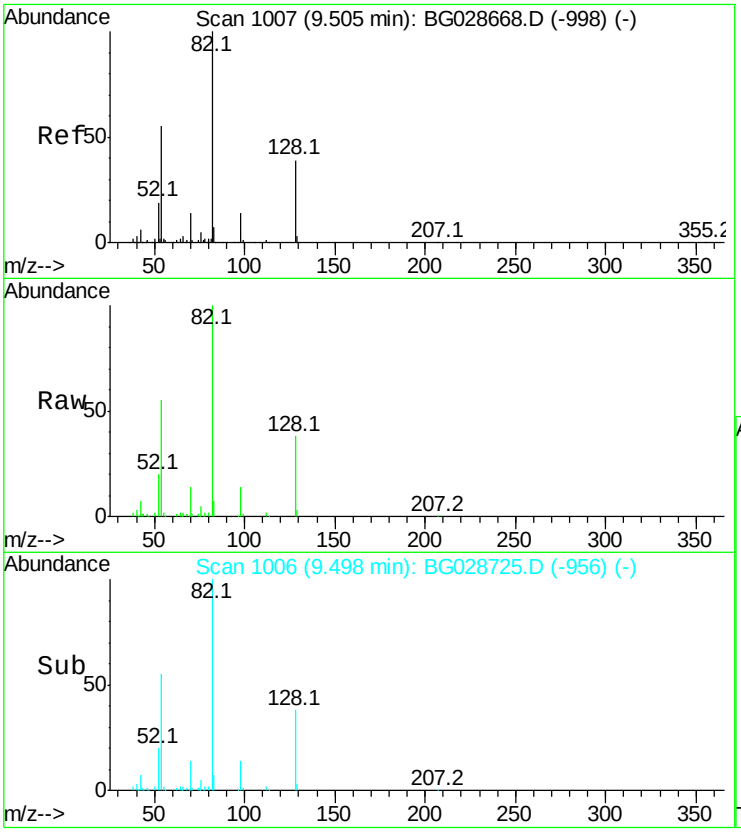


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Tgt Ion:136 Resp: 87192

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	13.0	9.3	13.9
68	4.9	5.1	7.7#



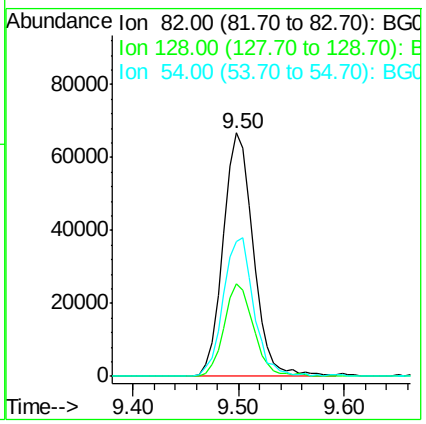


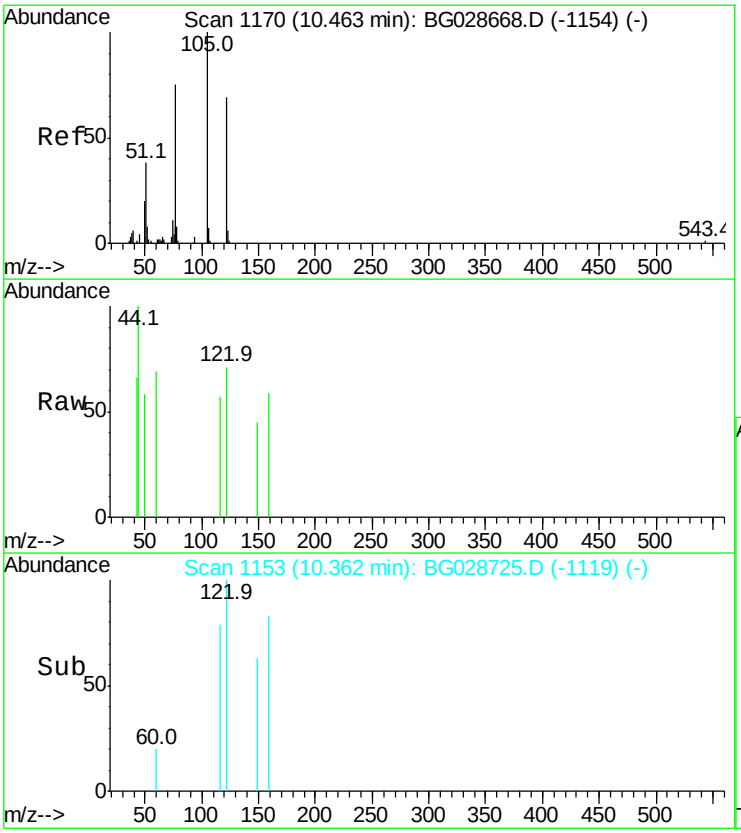
#23
Nitrobenzene-d5
Concen: 72.296 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 131773

Ion	Ratio	Lower	Upper
82	100		
128	38.1	26.4	39.6
54	55.4	49.4	74.2

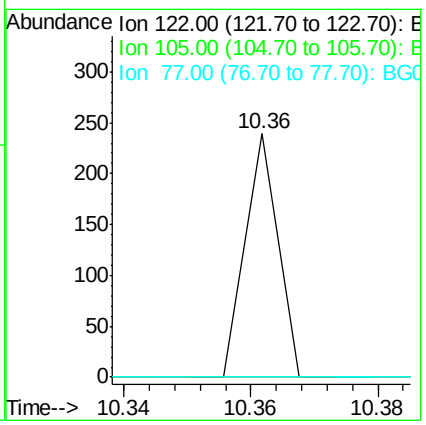


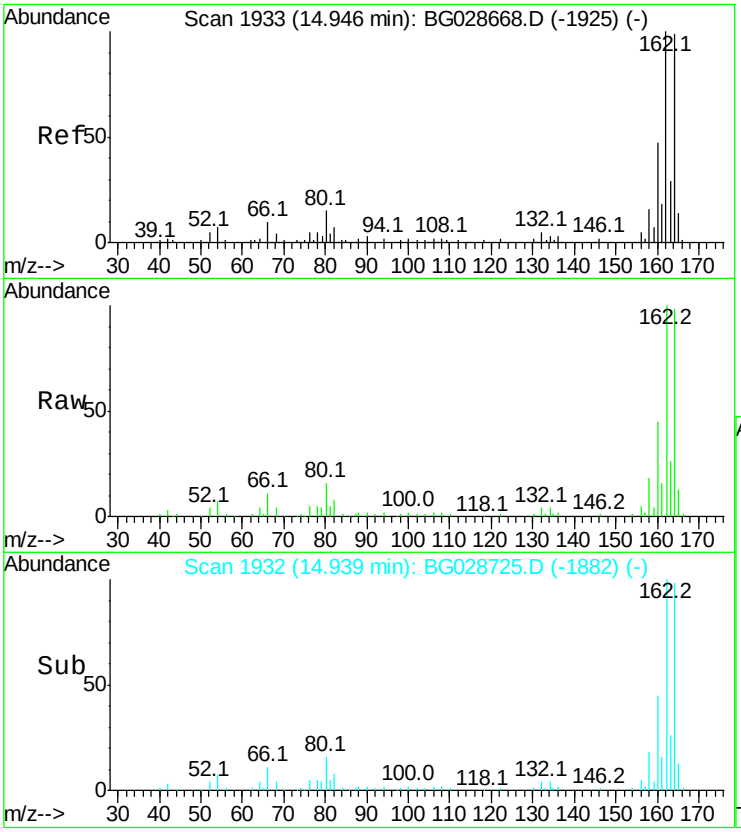


#32
Benzoic acid
Concen: 6.152 ng
RT: 10.36 min Scan# 1153
Delta R.T. -0.10 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Tgt Ion:122 Resp: 84

Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



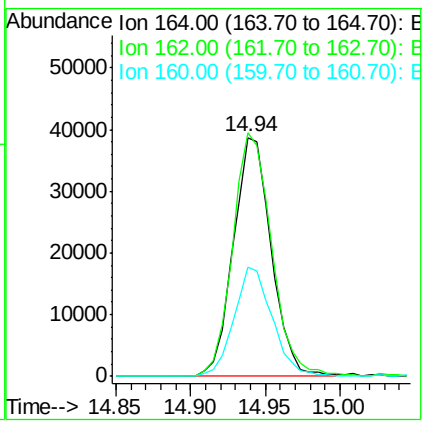


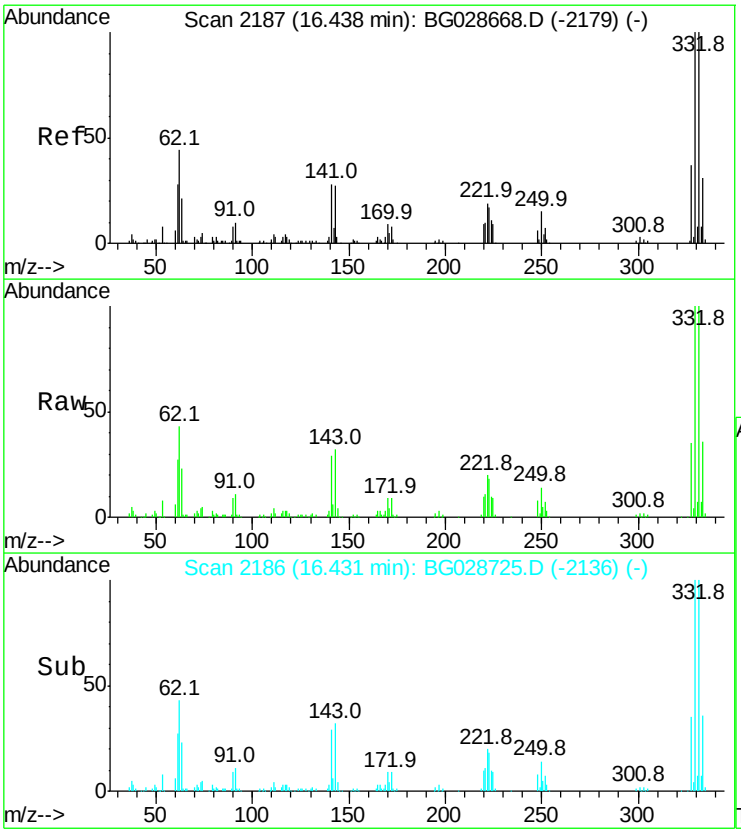
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 68097

Ion	Ratio	Lower	Upper
164	100		
162	101.9	85.1	127.7
160	45.6	34.7	52.1

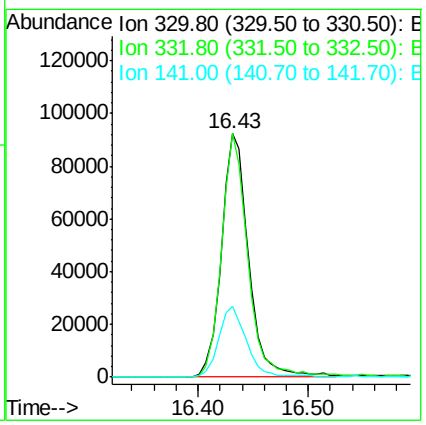


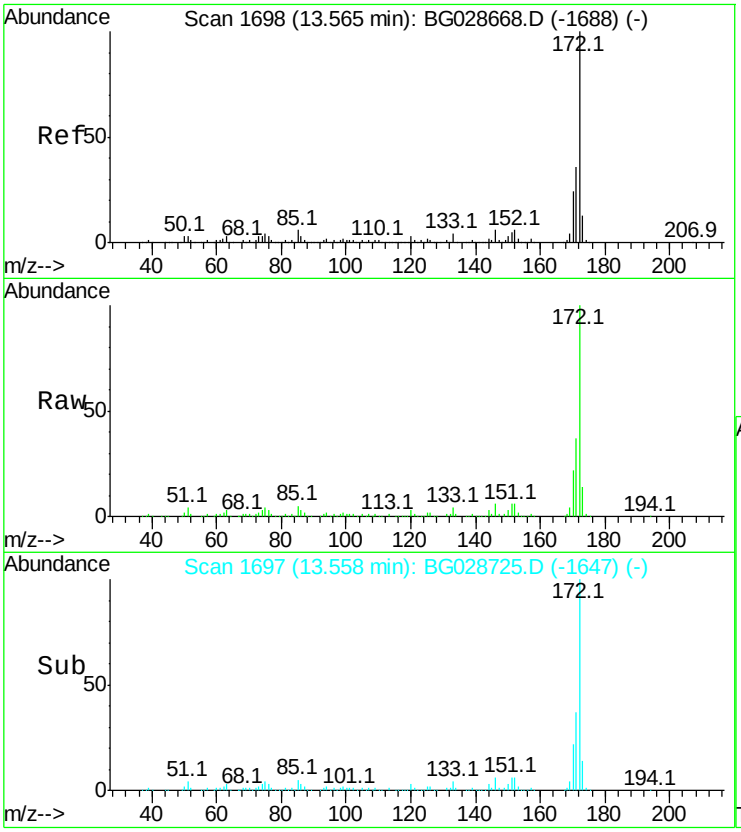


#41
2,4,6-Tribromophenol
Concen: 140.218 ng
RT: 16.43 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Tgt Ion:330 Resp: 157925

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	29.9	32.1	48.1#



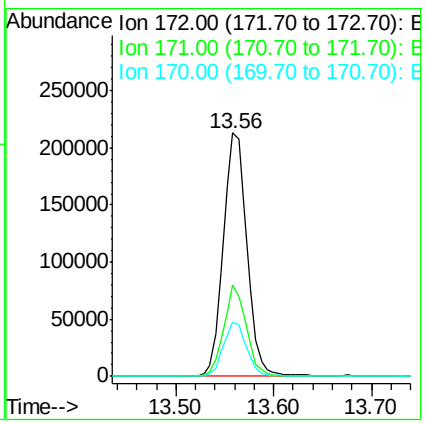


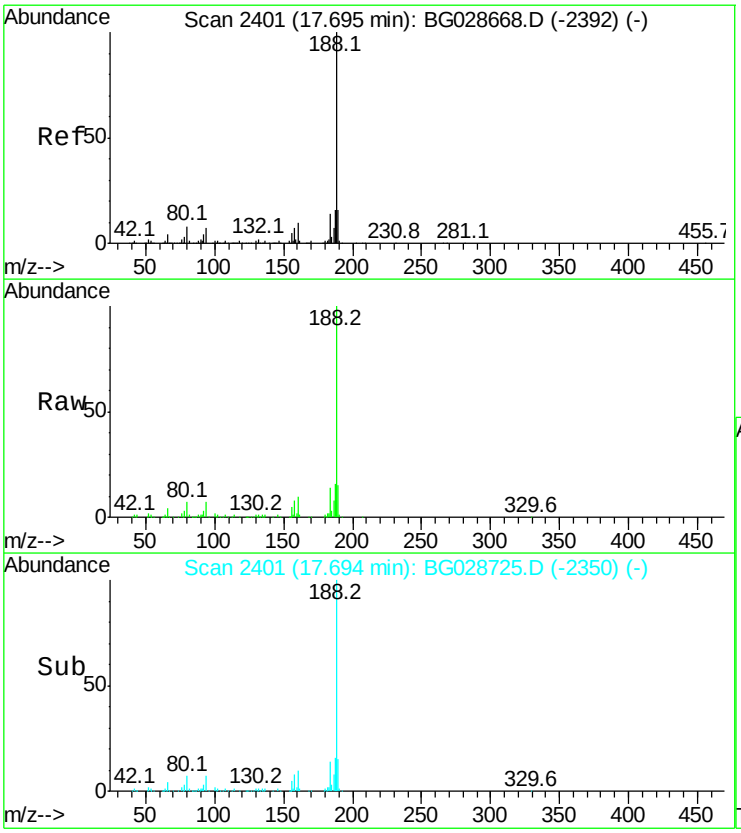
#44
2-Fluorobiphenyl
Concen: 70.229 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 358653

Ion	Ratio	Lower	Upper
172	100		
171	37.4	32.2	48.2
170	22.1	21.8	32.6

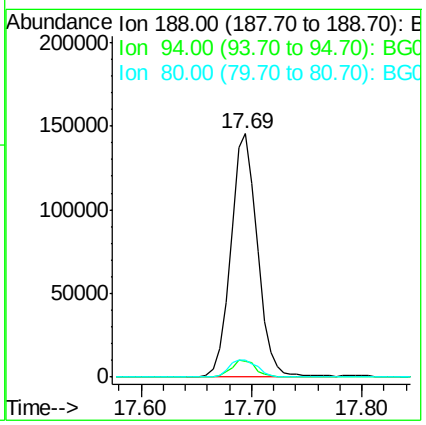


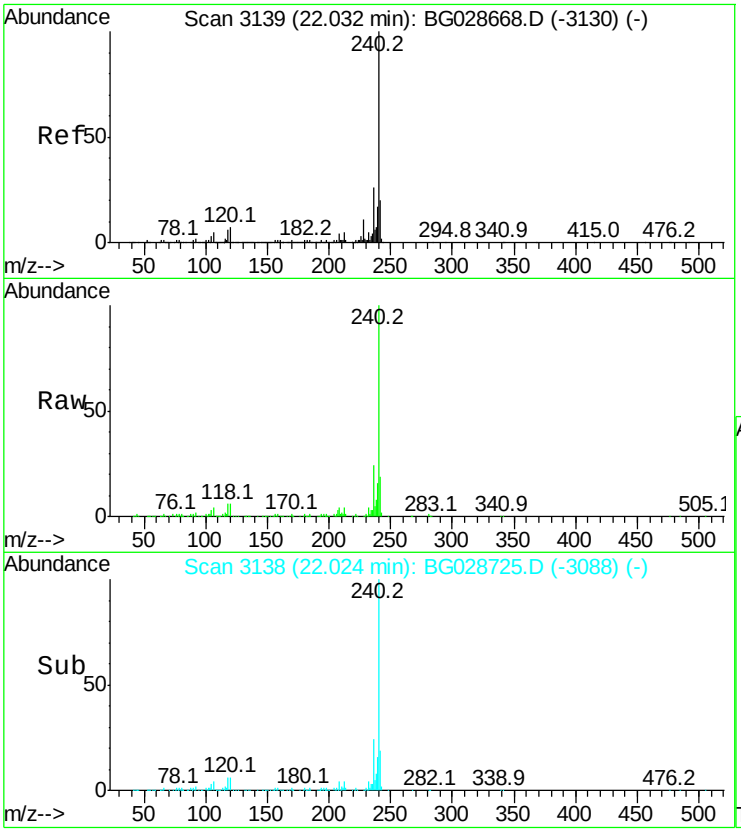


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.69 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Tgt Ion:188 Resp: 245853

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.8	8.8
80	7.2	7.5	11.3#



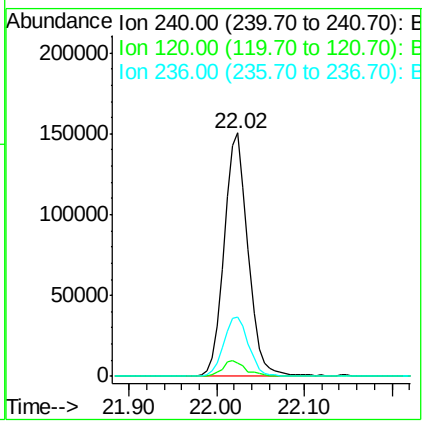


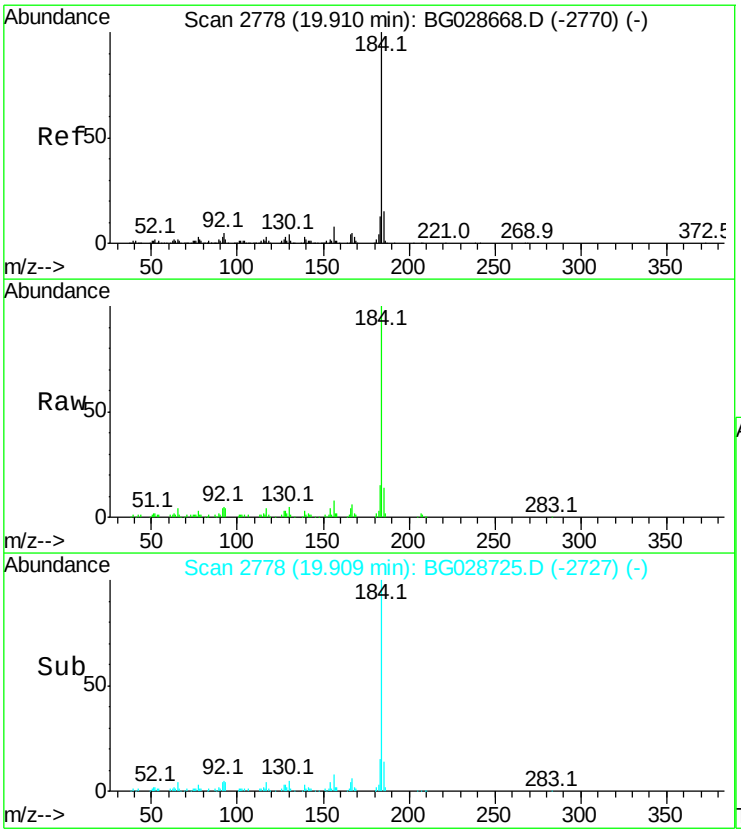
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.02 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 281321

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.7	8.5#
236	24.2	22.2	33.4

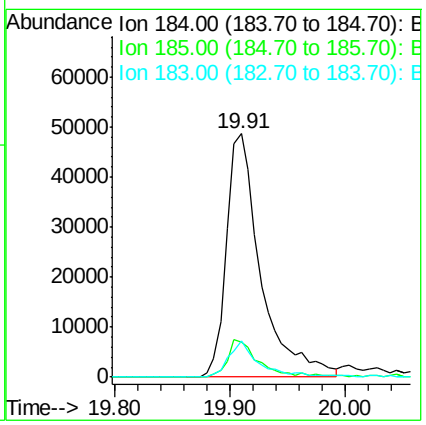


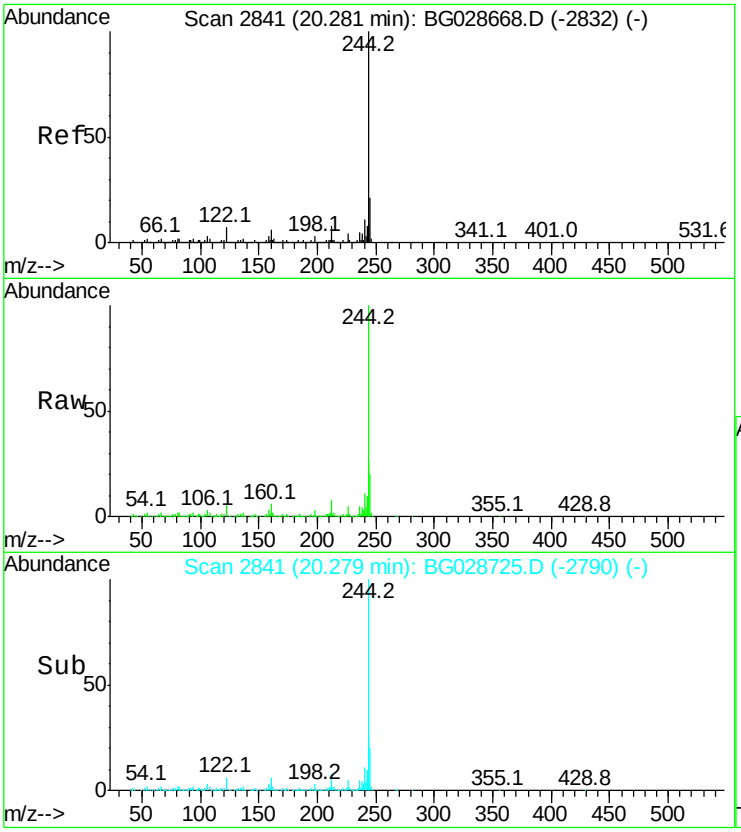


#76
Benzidine
Concen: 13.772 ng
RT: 19.91 min Scan# 2778
Delta R.T. -0.00 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Tgt Ion:184 Resp: 100469

Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.0	19.6
183	15.0	11.0	16.6



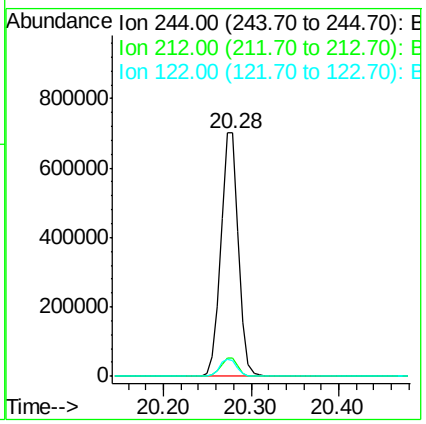


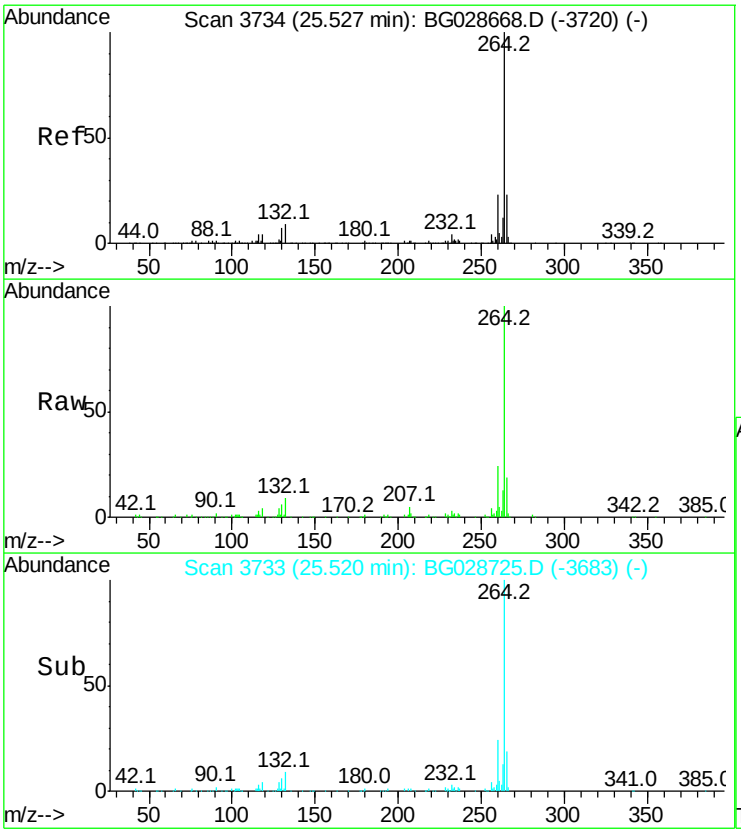
#78
Terphenyl-d14
Concen: 74.055 ng
RT: 20.28 min Scan# 2841
Delta R.T. -0.00 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 976906

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	6.4	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.52 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BG028725.D
Acq: 14 Sep 2017 10:02

Tgt Ion:264 Resp: 282017

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	19.2	18.2	27.4