Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092717\
Data File : BG028953.D
Acq On : 27 Sep 2017 21:44
Operator : SJ/JU
Sample : I5423-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SA-06-092517-B

Quant Time: Sep 28 01:28:22 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	8.27	152	31497	20.00	ng	-0.06
21) Naphthalene-d8	11.10	136	126371	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	94389	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	281255	20.00	ng	-0.05
75) Chrysene-d12	21.96	240	324178	20.00	ng	-0.07
86) Perylene-d12	25.42	264	322871	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	223537	117.11	ng	-0.06
7) Phenol-d6	7.43	99	276444	96.19	ng	-0.06
23) Nitrobenzene-d5	9.45	82	210379	79.64	ng	-0.06
41) 2,4,6-Tribromophenol	16.39	330	204894	131.25	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	506255	71.52	ng	-0.05
78) Terphenyl-d14	20.24	244	1253128	82.44	ng	-0.04
Target Compounds						Qvalue
31) Naphthalene	11.15	128	14574	2.208	ng	# 91
76) Benzidine	19.87	184	103876	12.356	ng	# 92

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

Quantitation Report (QT Reviewed)

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Misc :
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Instrument :
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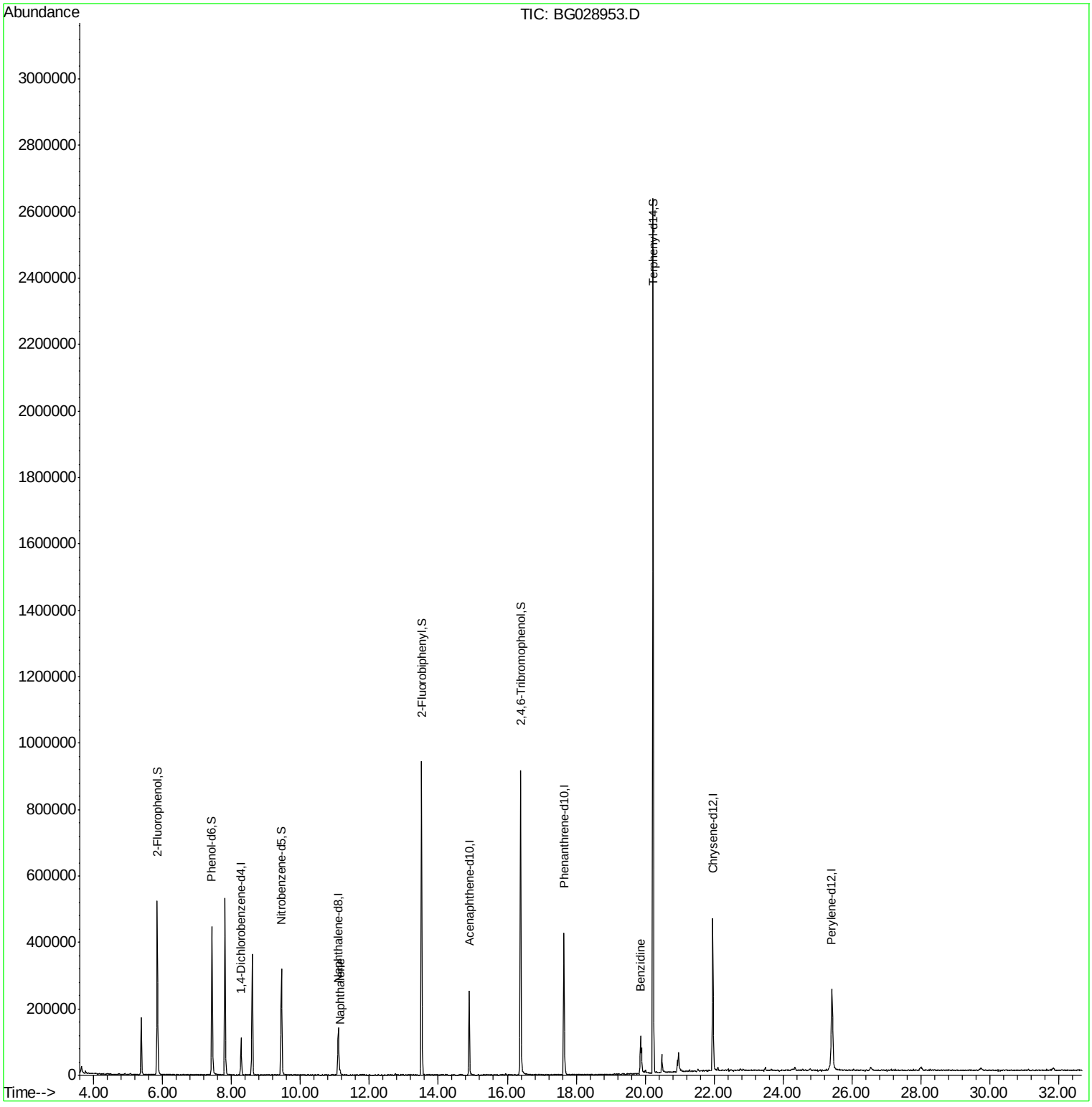
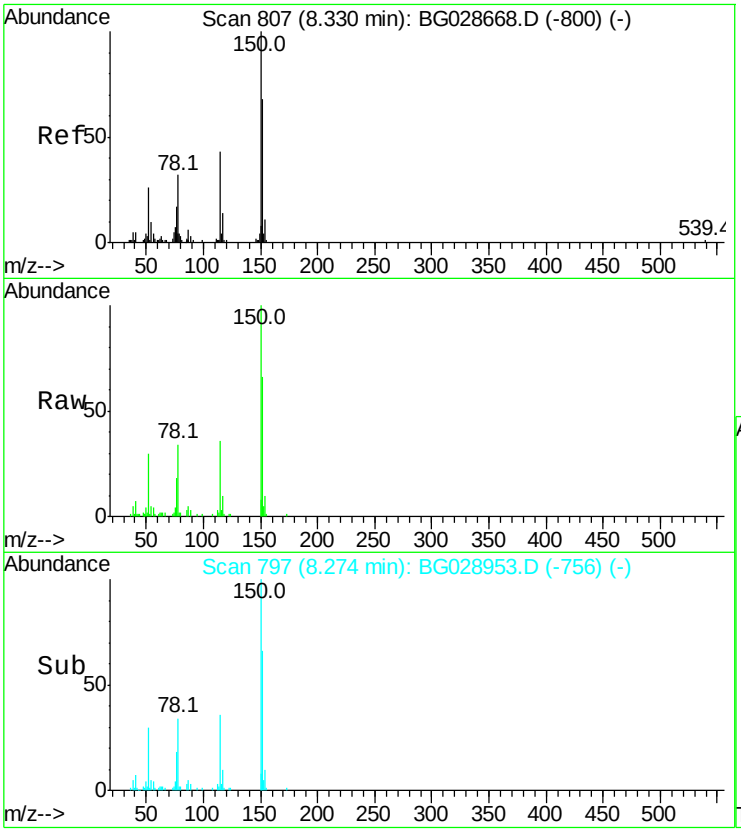


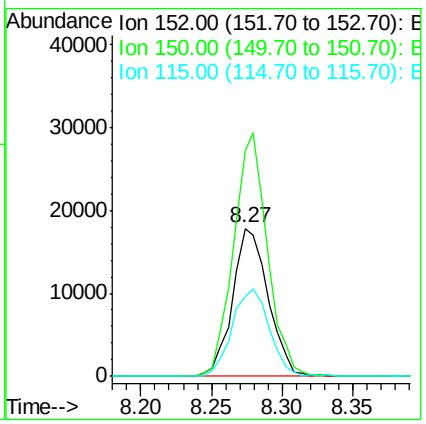


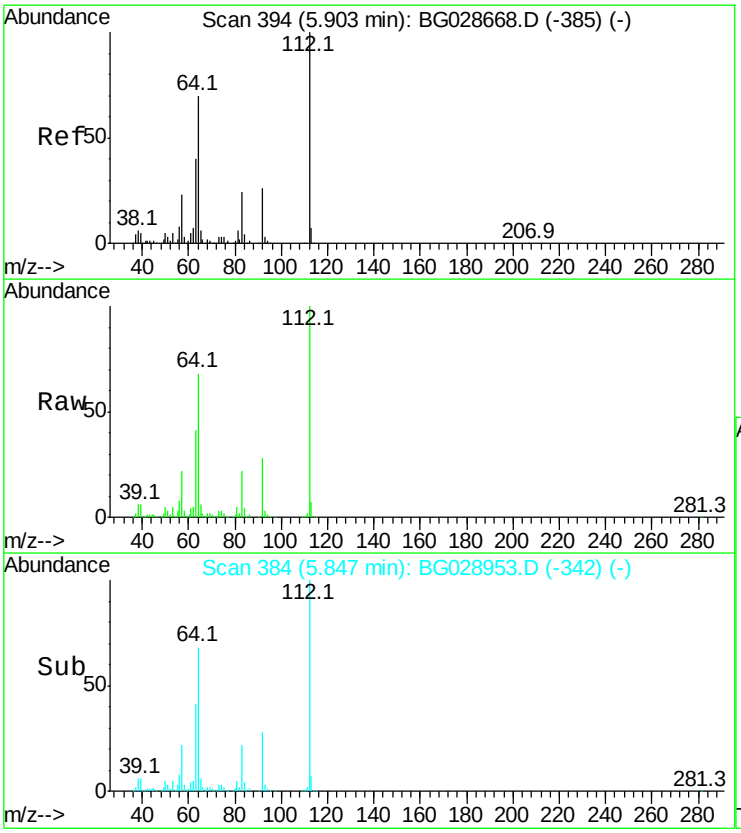
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.27 min Scan# 797
Delta R.T. -0.06 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Instrument :
BNA_G
ClientSampleId :
SA-06-092517-B

Tgt Ion:152 Resp: 31497

Ion	Ratio	Lower	Upper
152	100		
150	152.2	114.0	171.0
115	54.1	48.1	72.1

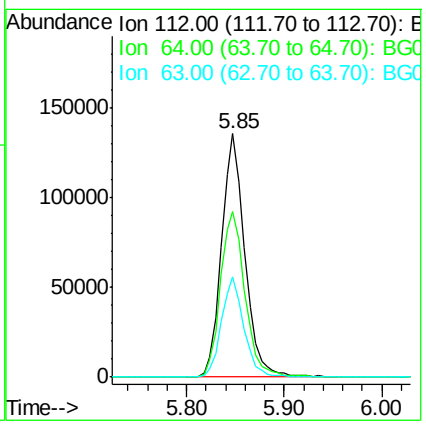


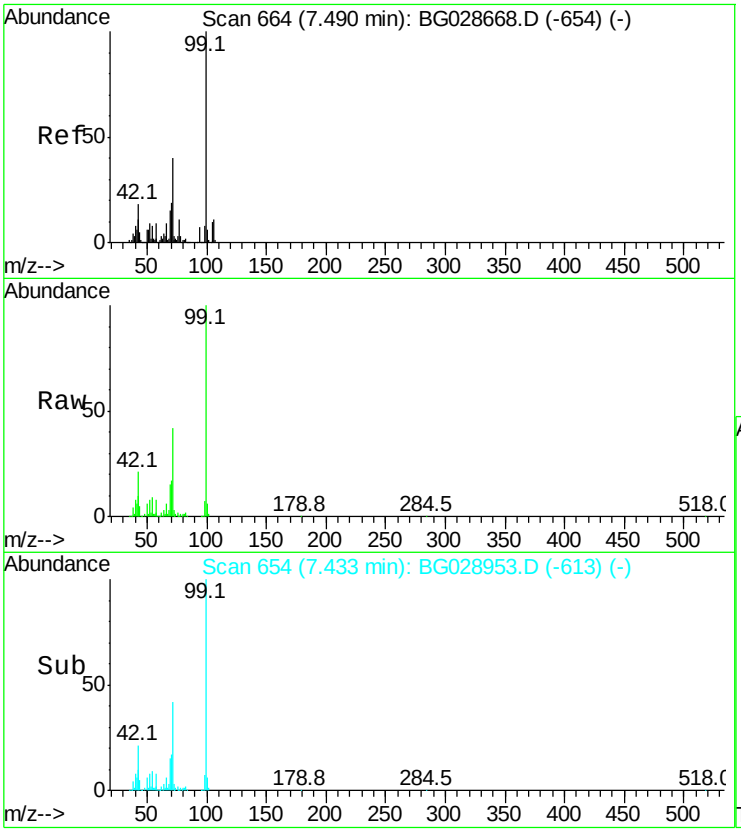


#5
2-Fluorophenol
Concen: 117.105 ng
RT: 5.85 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Tgt Ion:112 Resp: 223537

Ion	Ratio	Lower	Upper
112	100		
64	67.8	61.8	92.6
63	40.9	37.2	55.8



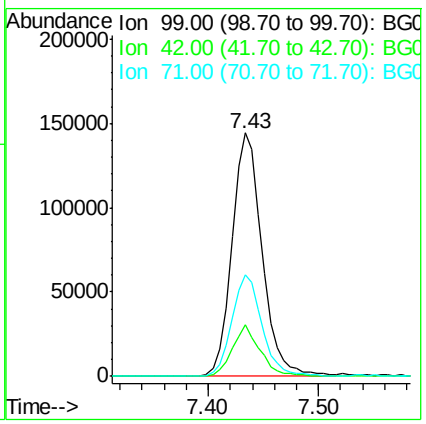


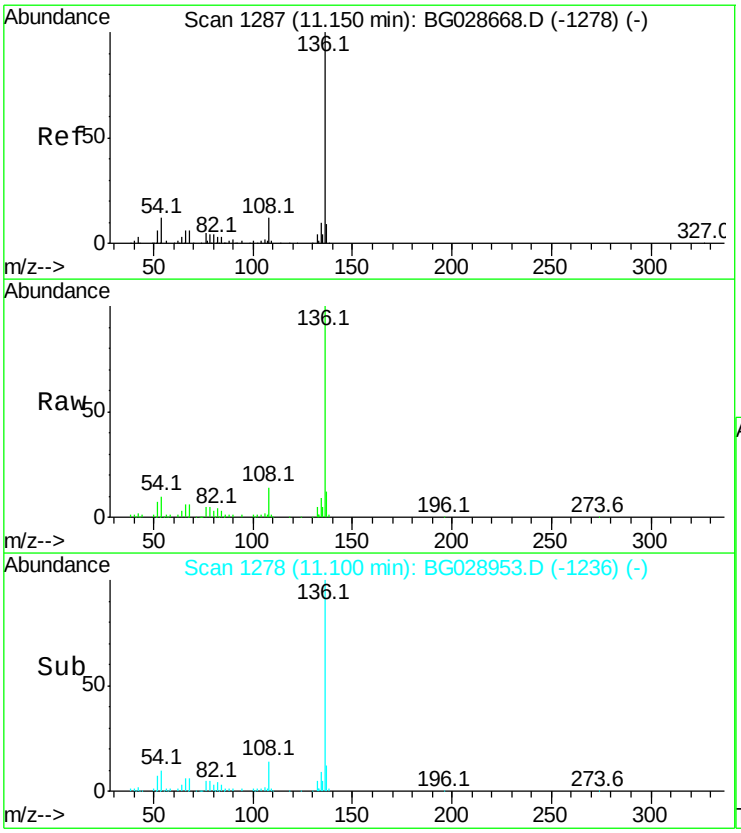
#7
Phenol-d6
Concen: 96.188 ng
RT: 7.43 min Scan# 654
Delta R.T. -0.06 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Instrument :
BNA_G
ClientSampleId :
SA-06-092517-B

Tgt Ion: 99 Resp: 276444

Ion	Ratio	Lower	Upper
99	100		
42	21.1	20.5	30.7
71	41.5	37.6	56.4

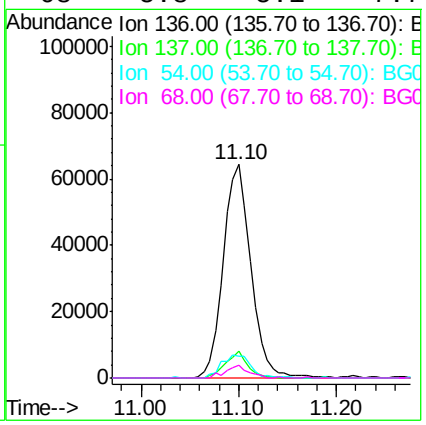


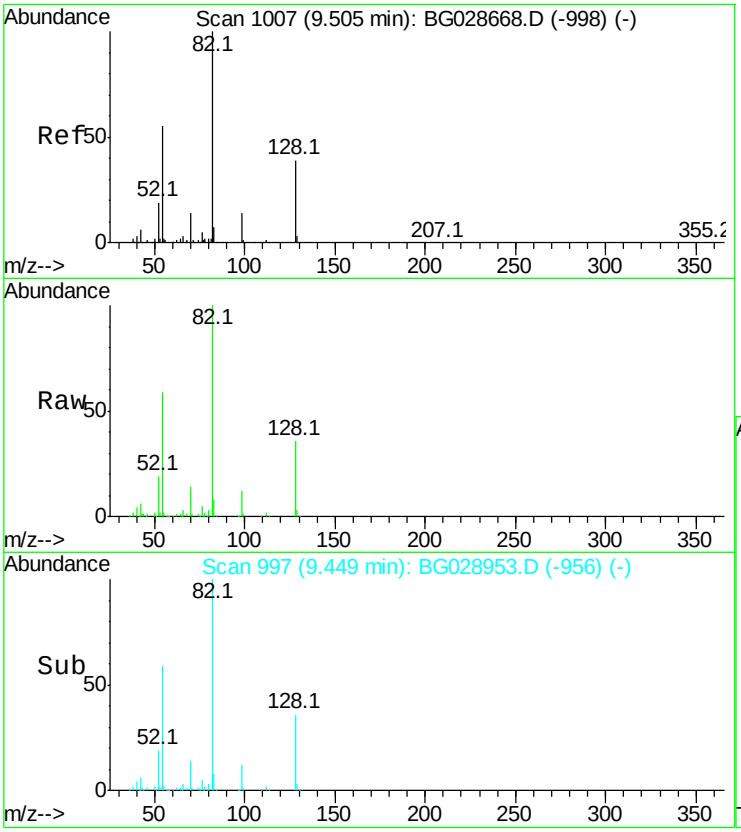


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Tgt Ion:136 Resp: 126371

Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.9	13.3
54	10.4	9.3	13.9
68	5.8	5.1	7.7



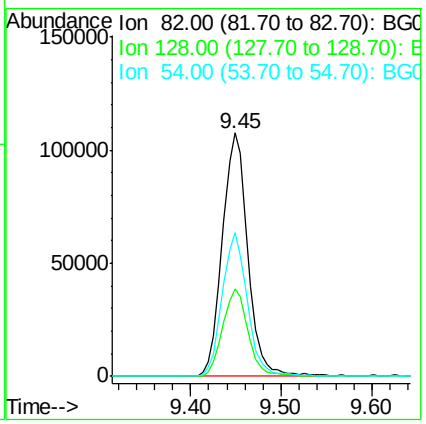


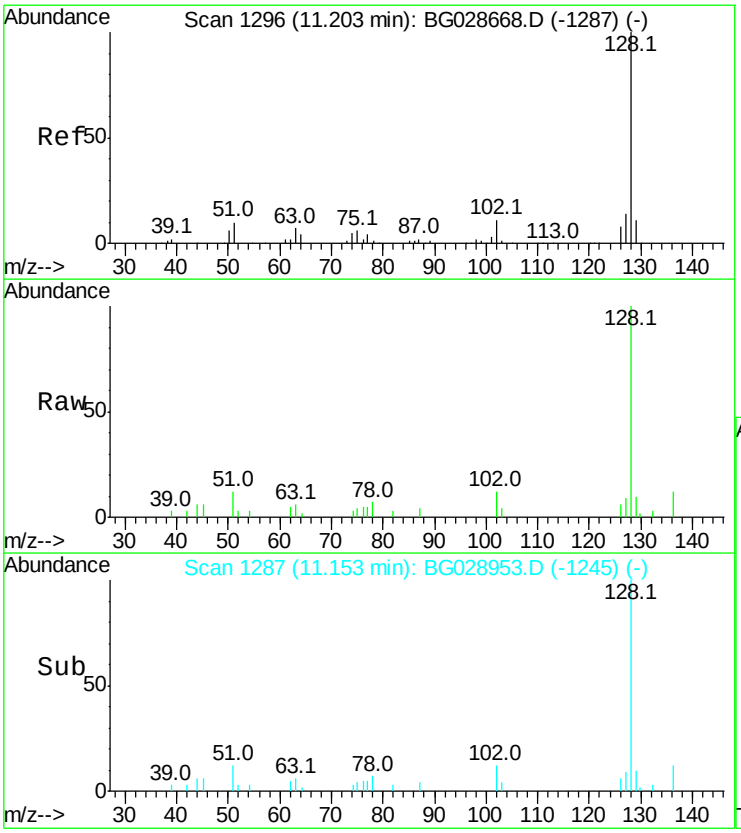
#23
Nitrobenzene-d5
Concen: 79.638 ng
RT: 9.45 min Scan# 997
Delta R.T. -0.06 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Instrument :
BNA_G
ClientSampleId :
SA-06-092517-B

Tgt Ion: 82 Resp: 210379

Ion	Ratio	Lower	Upper
82	100		
128	36.0	26.4	39.6
54	59.2	49.4	74.2

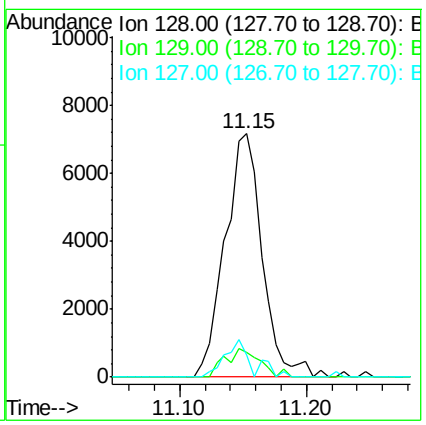


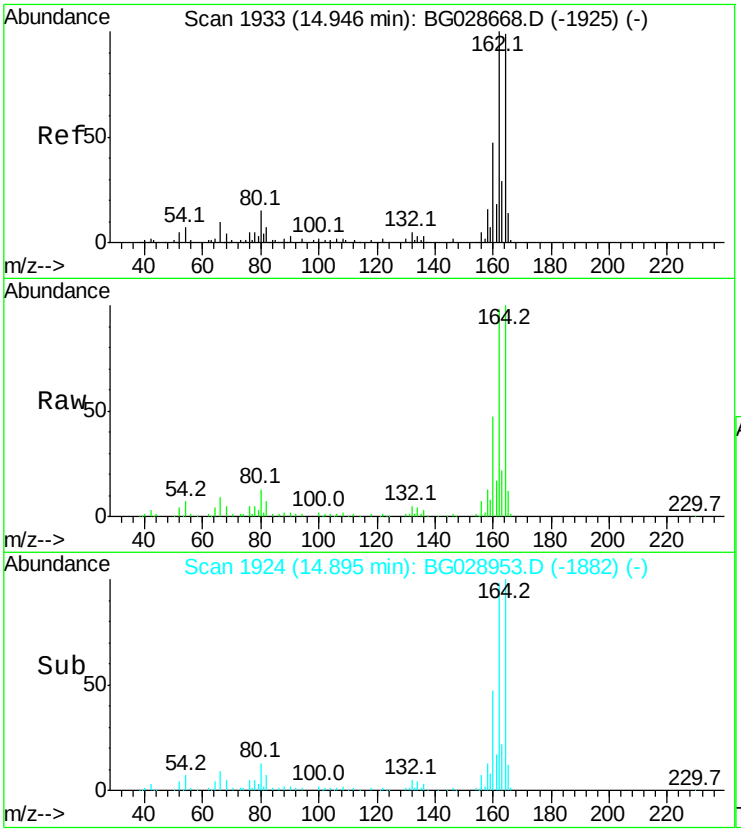


#31
Naphthalene
Concen: 2.208 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.05 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Tgt Ion:128 Resp: 14574

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.3	13.9
127	9.1	11.4	17.0#



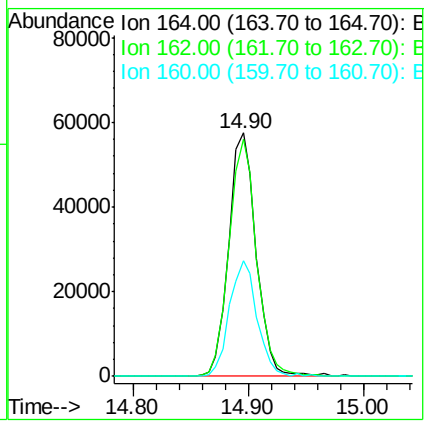


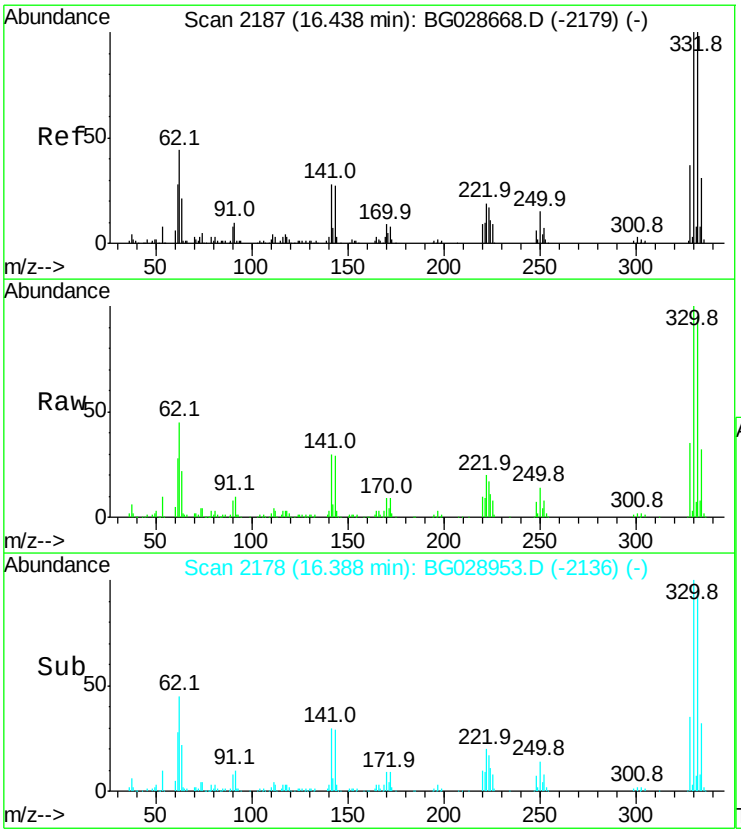
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Instrument :
BNA_G
ClientSampleId :
SA-06-092517-B

Tgt Ion:164 Resp: 94389

Ion	Ratio	Lower	Upper
164	100		
162	97.6	85.1	127.7
160	47.4	34.7	52.1

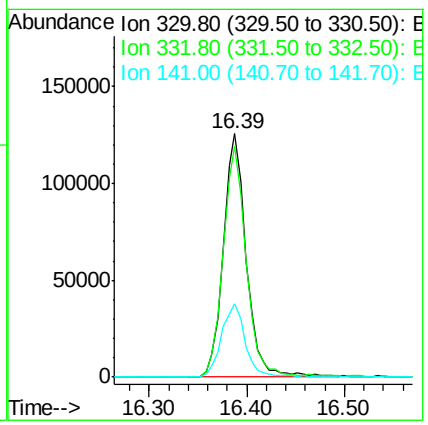


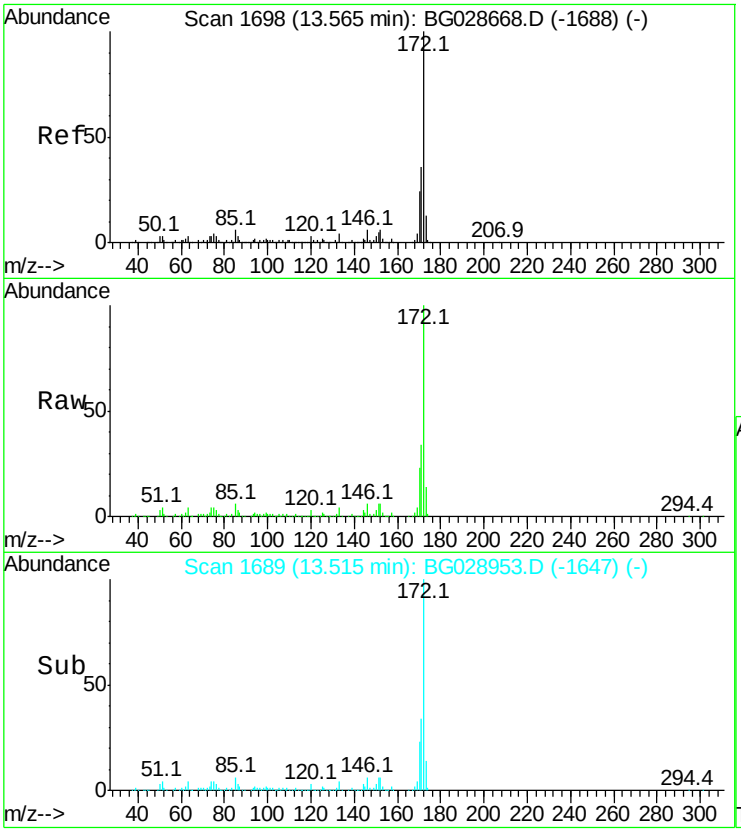


#41
2,4,6-Tribromophenol
Concen: 131.247 ng
RT: 16.39 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Tgt Ion:330 Resp: 204894

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	31.2	32.1	48.1#



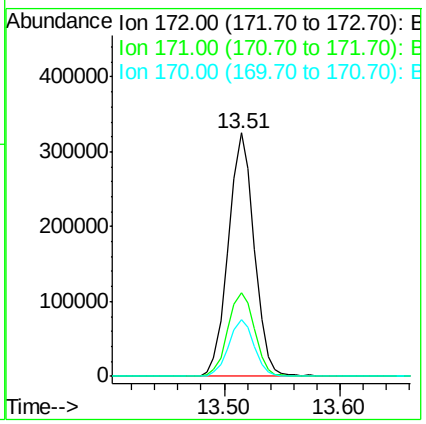


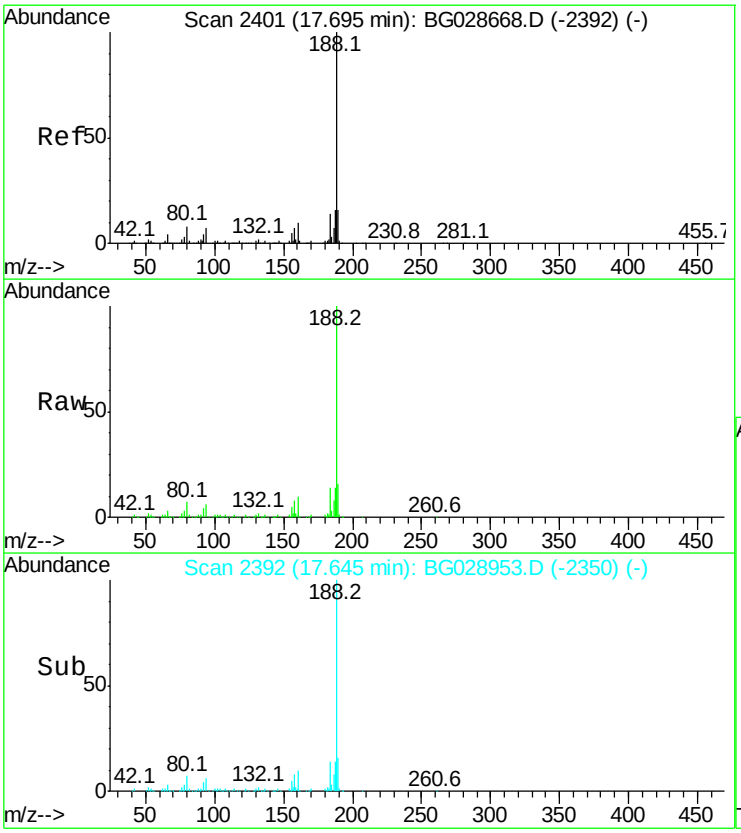
#44
2-Fluorobiphenyl
Concen: 71.518 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.05 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Instrument :
BNA_G
ClientSampleId :
SA-06-092517-B

Tgt Ion:172 Resp: 506255

Ion	Ratio	Lower	Upper
172	100		
171	34.3	32.2	48.2
170	23.1	21.8	32.6

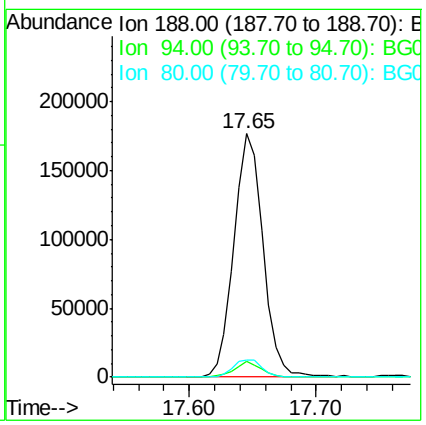


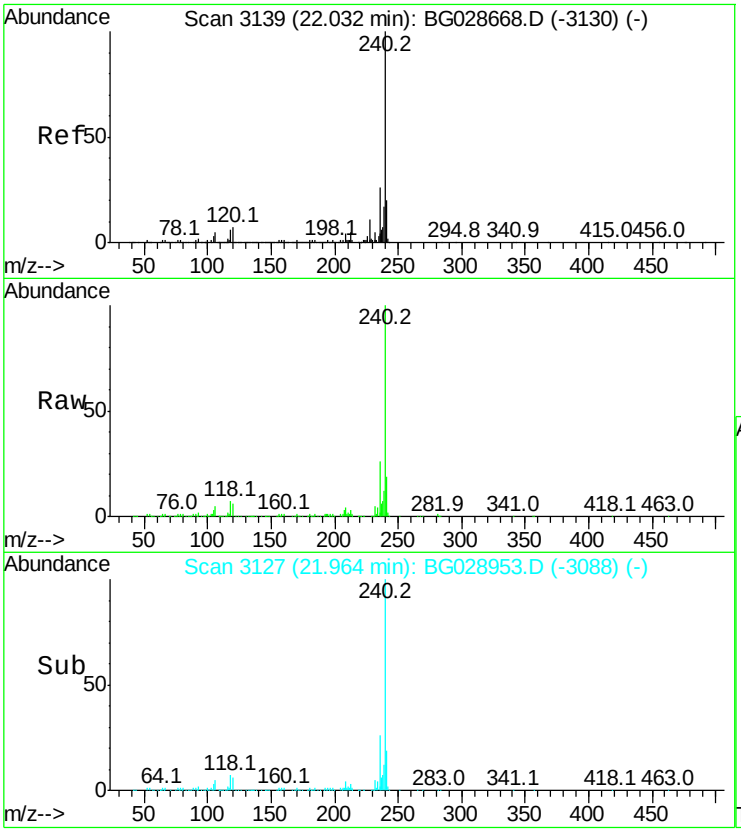


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2392
Delta R.T. -0.05 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Tgt Ion:188 Resp: 281255

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	7.2	7.5	11.3#



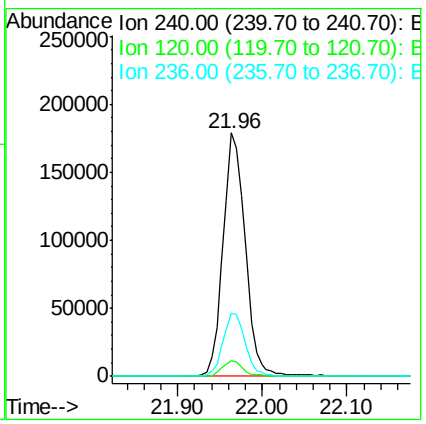


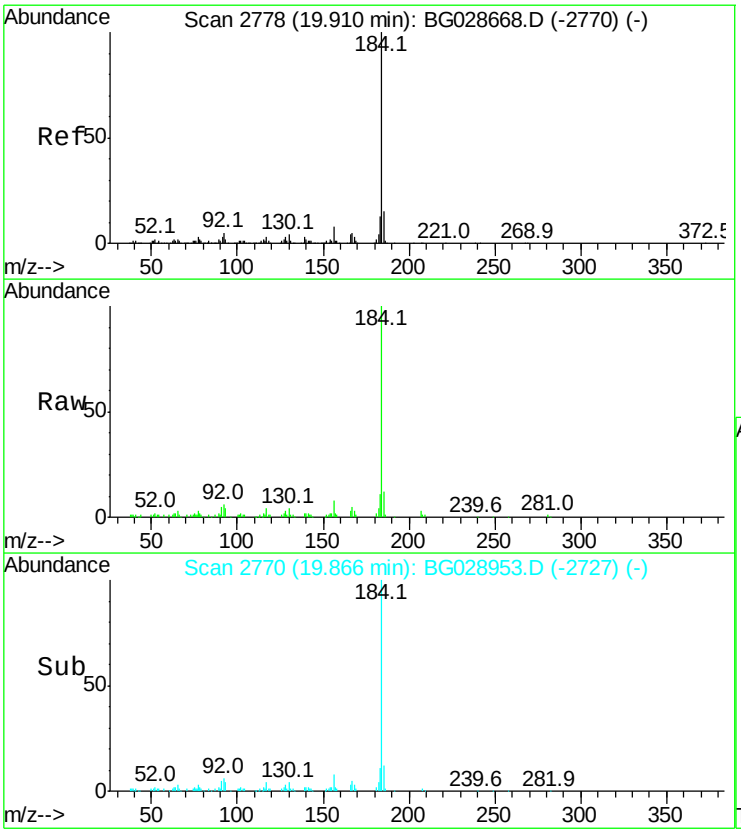
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.07 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Instrument :
BNA_G
ClientSampleId :
SA-06-092517-B

Tgt Ion:240 Resp: 324178

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.7	8.5
236	26.0	22.2	33.4

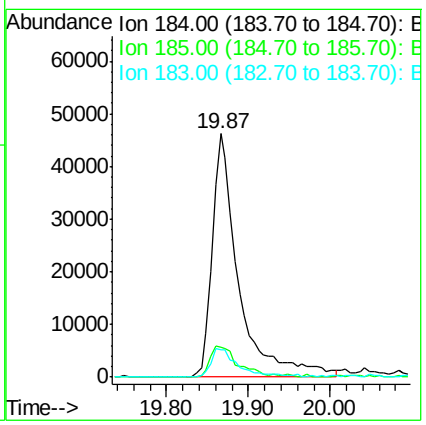


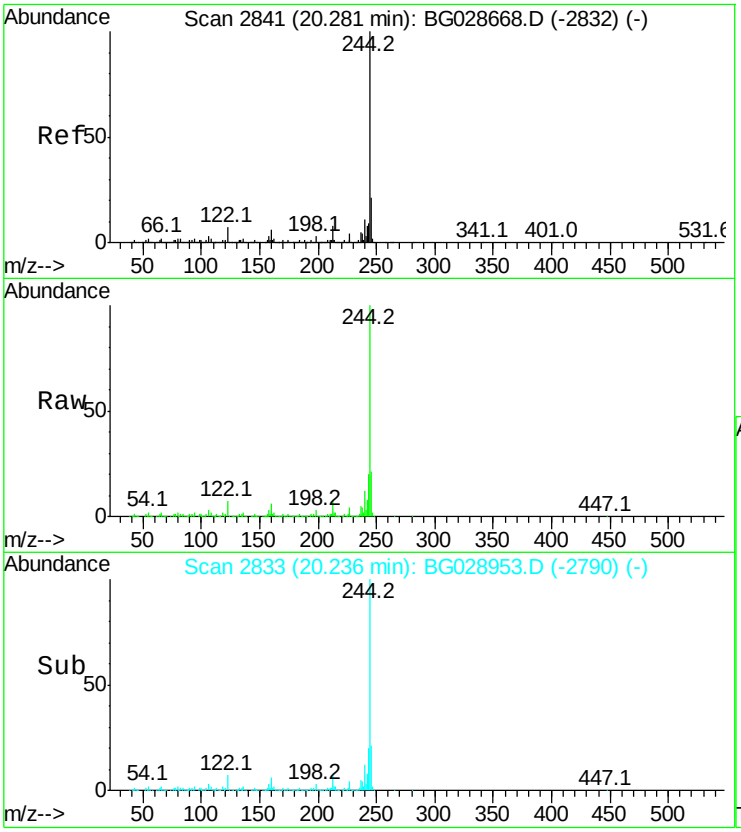


#76
Benzidine
Concen: 12.356 ng
RT: 19.87 min Scan# 2770
Delta R.T. -0.04 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Tgt Ion:184 Resp: 103876

Ion	Ratio	Lower	Upper
184	100		
185	12.4	13.0	19.6#
183	11.0	11.0	16.6#



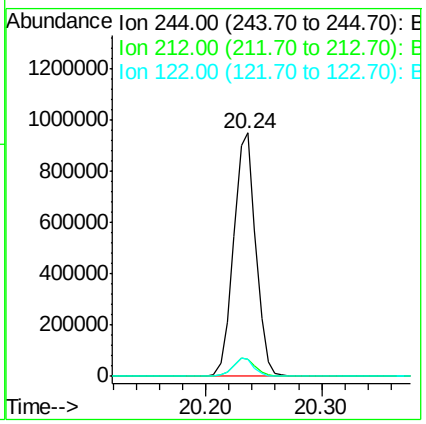


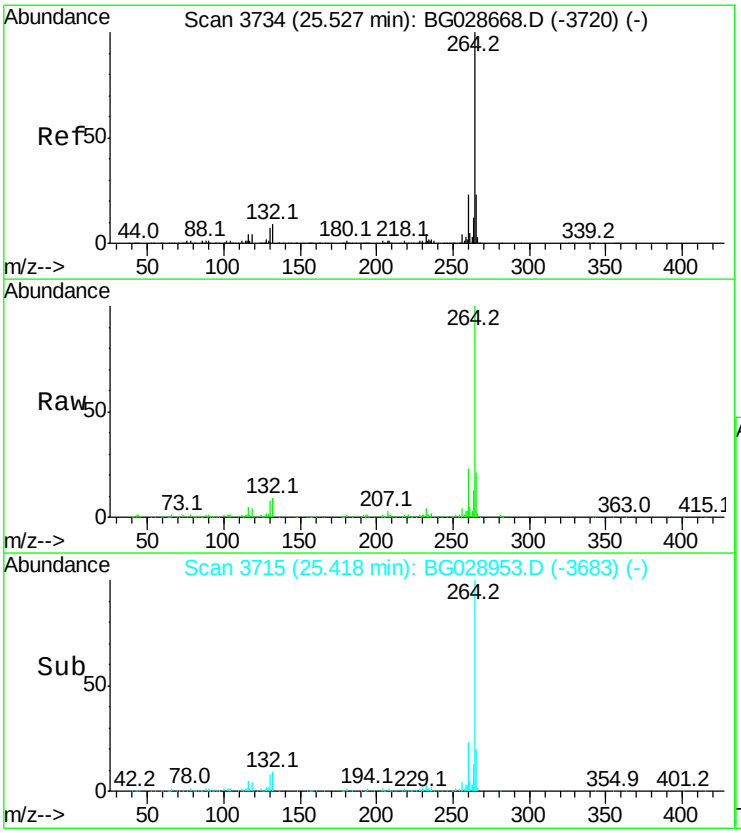
#78
Terphenyl-d14
Concen: 82.436 ng
RT: 20.24 min Scan# 2833
Delta R.T. -0.04 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Instrument :
BNA_G
ClientSampleId :
SA-06-092517-B

Tgt Ion:244 Resp: 1253128

Ion	Ratio	Lower	Upper
244	100		
212	7.3	10.0	15.0#
122	7.0	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.42 min Scan# 3715
Delta R.T. -0.11 min
Lab File: BG028953.D
Acq: 27 Sep 2017 21:44

Tgt Ion:264 Resp: 322871

Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	20.7	18.2	27.4