Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071017\
Data File : BG027891.D
Acq On : 10 Jul 2017 17:30
Operator : SJ/JU
Sample : PB100512BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 11 06:58:52 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	8.42	152	40791	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	183284	20.00	ng	-0.01
38) Acenaphthene-d10	15.02	164	103348	20.00	ng	0.00
63) Phenanthrene-d10	17.76	188	262936	20.00	ng	-0.01
75) Chrysene-d12	22.11	240	313624	20.00	ng	-0.02
86) Perylene-d12	25.67	264	307815	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	363565	137.25	ng	-0.01
7) Phenol-d6	7.56	99	483863	119.57	ng	-0.01
23) Nitrobenzene-d5	9.58	82	248307	75.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	234660	165.54	ng	-0.02
44) 2-Fluorobiphenyl	13.64	172	680453	94.03	ng	-0.01
78) Terphenyl-d14	20.35	244	1291463	96.54	ng	0.00
Target Compounds						Qvalue
53) 2,4-Dinitrophenol	15.28	184	54	8.62	ng	# 15
76) Benzidine	19.99	184	3330	3.63	ng	97

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

Quantitation Report (Not Reviewed)

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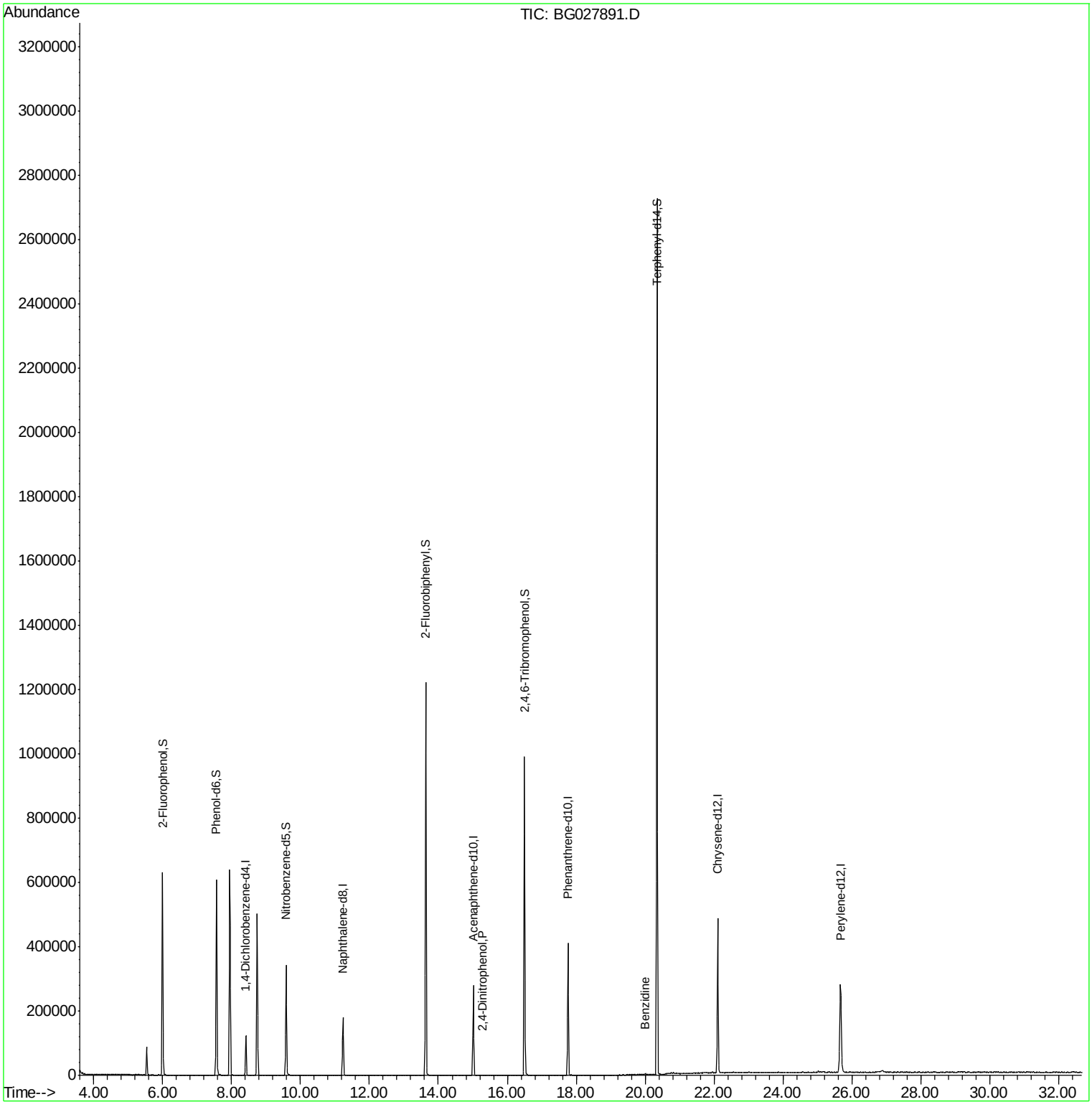
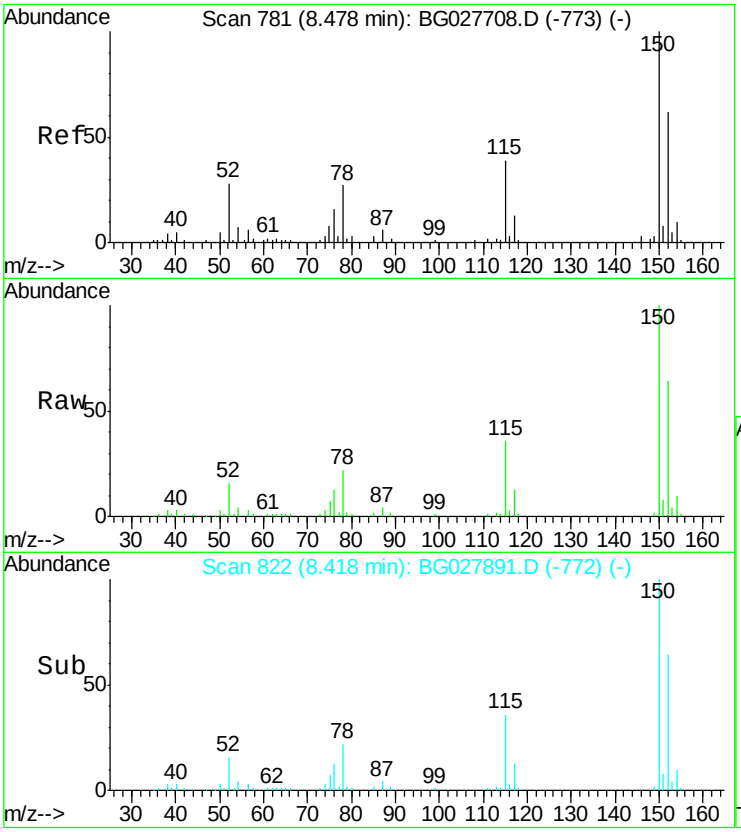


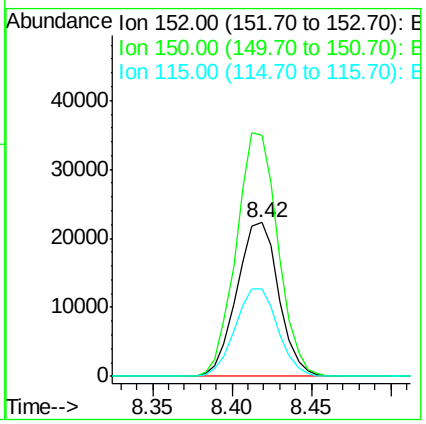


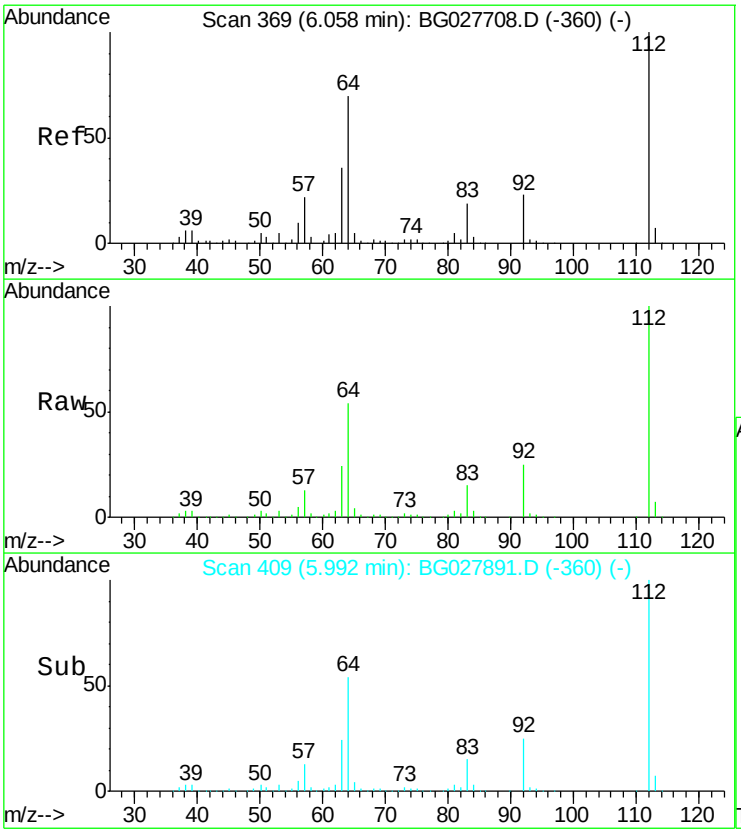
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 40791

Ion	Ratio	Lower	Upper
152	100		
150	157.1	114.0	171.0
115	57.0	48.1	72.1

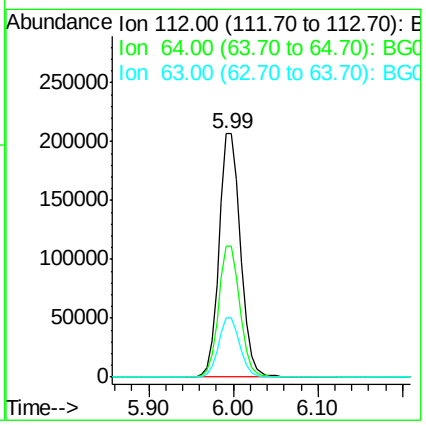


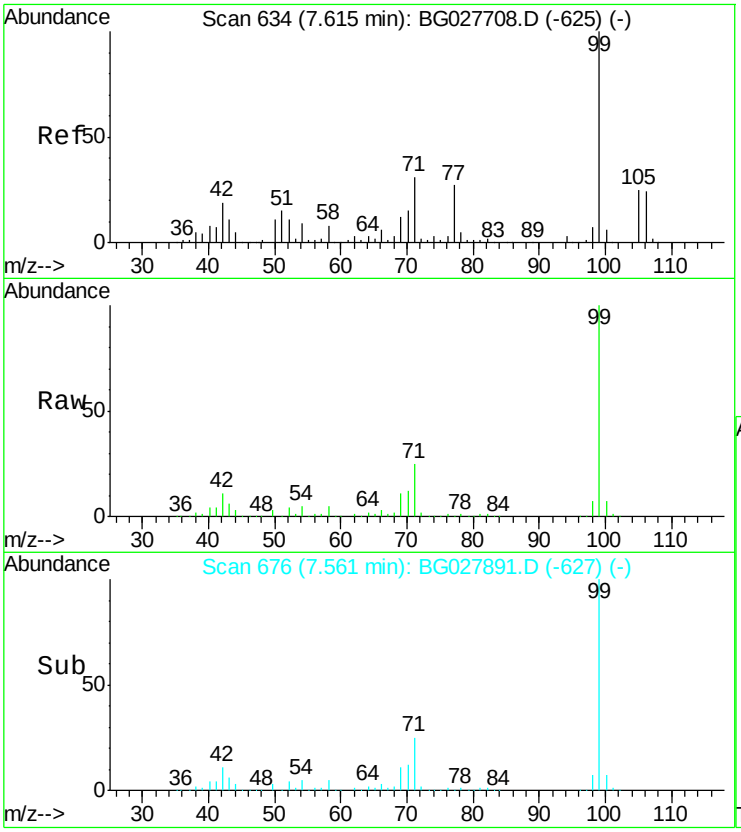


#5
2-Fluorophenol
Concen: 137.25 ng
RT: 5.99 min Scan# 409
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Tgt Ion:112 Resp: 363565

Ion	Ratio	Lower	Upper
112	100		
64	53.9	61.8	92.6#
63	24.2	37.2	55.8#



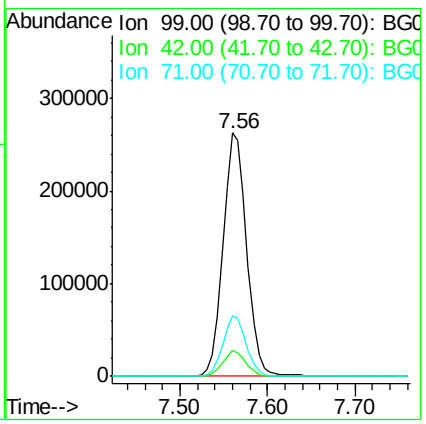


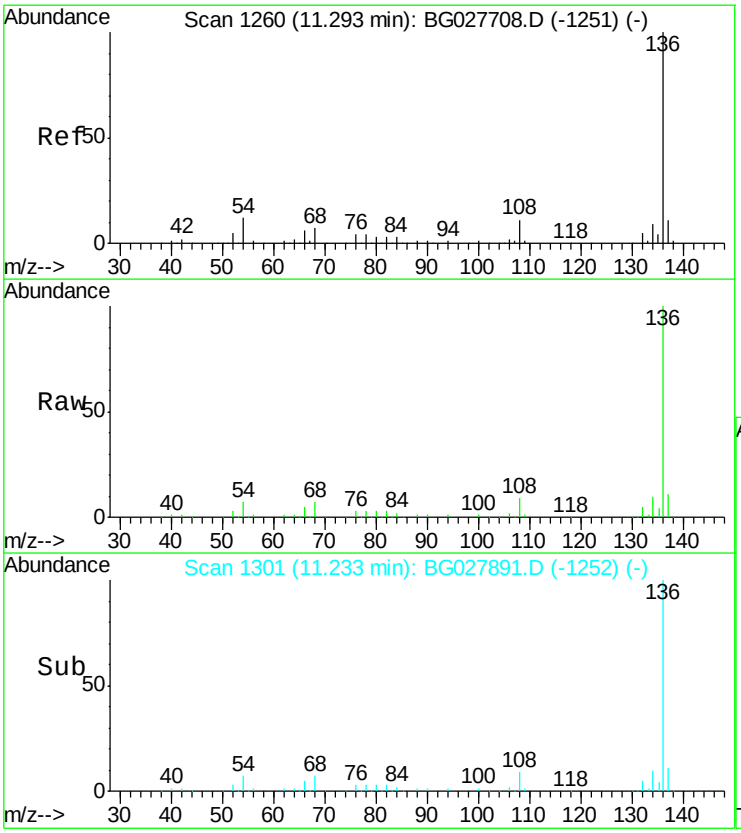
#7
Phenol-d6
Concen: 119.57 ng
RT: 7.56 min Scan# 676
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 483863

Ion	Ratio	Lower	Upper
99	100		
42	10.7	20.5	30.7#
71	24.8	37.6	56.4#

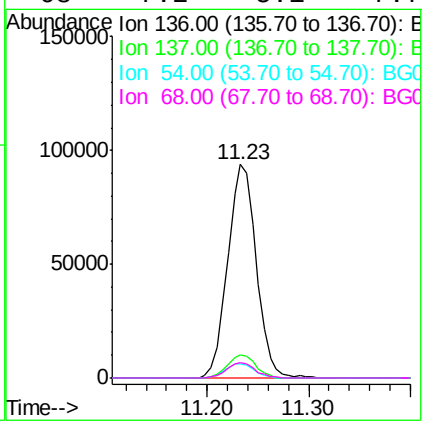


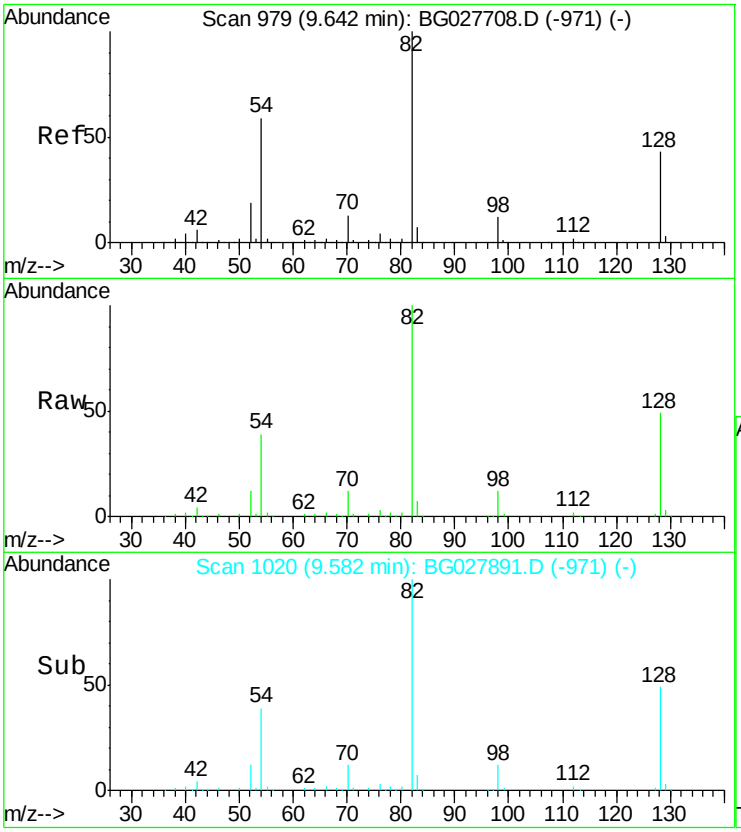


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.23 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Tgt Ion:136 Resp: 183284

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.7	9.3	13.9#
68	7.2	5.1	7.7



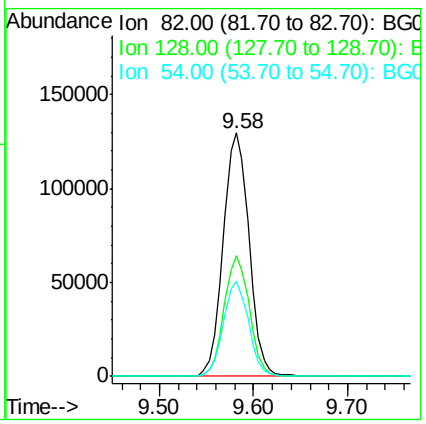


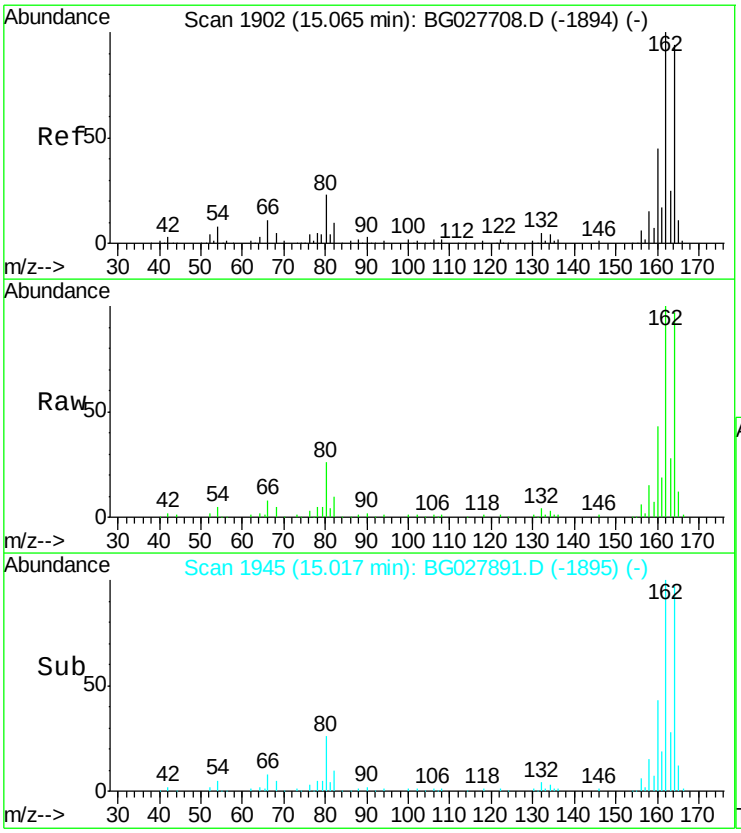
#23
Nitrobenzene-d5
Concen: 75.52 ng
RT: 9.58 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 248307

Ion	Ratio	Lower	Upper
82	100		
128	49.3	26.4	39.6#
54	39.3	49.4	74.2#

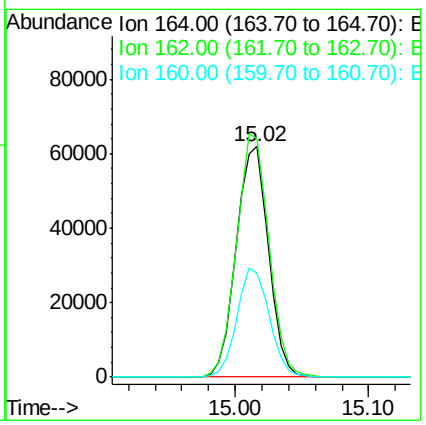


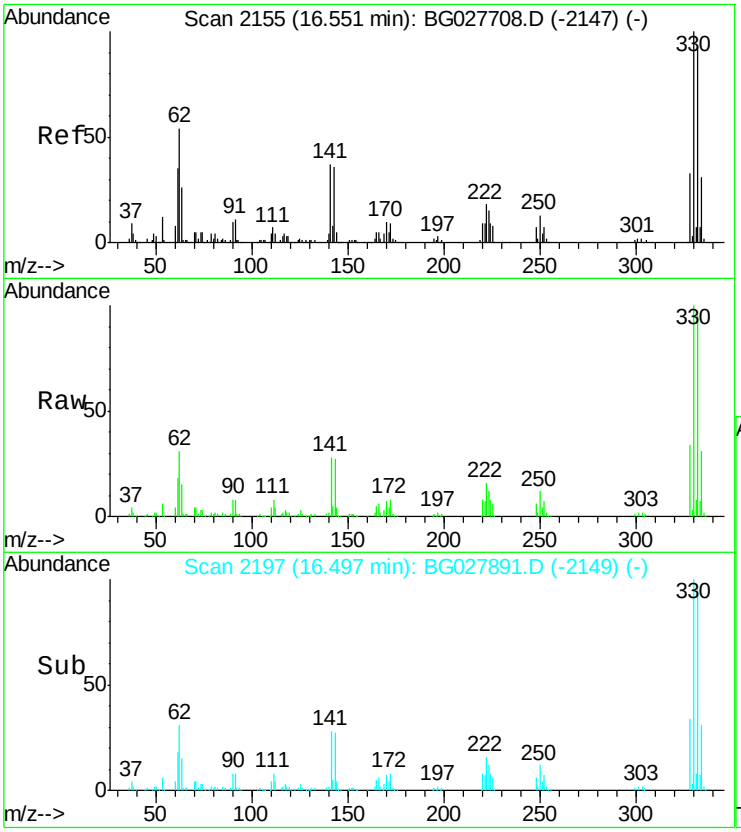


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Tgt Ion:164 Resp: 103348

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.1	127.7
160	45.0	34.7	52.1



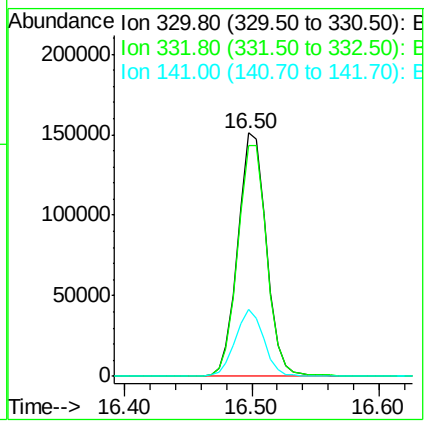


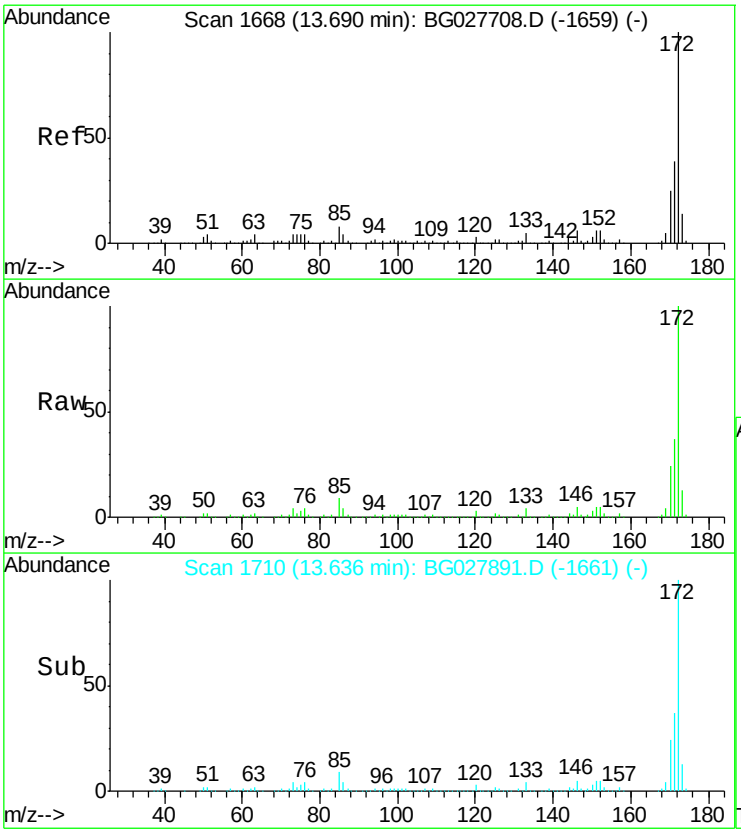
#41
2,4,6-Tribromophenol
Concen: 165.54 ng
RT: 16.50 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 234660

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	27.6	32.1	48.1#

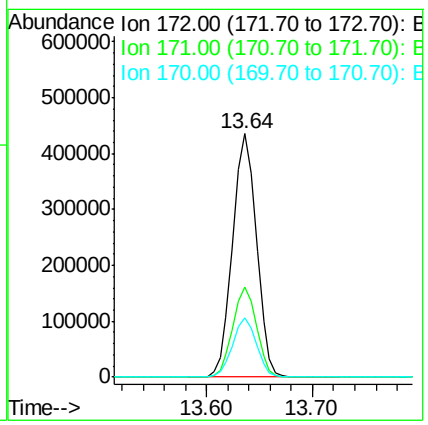


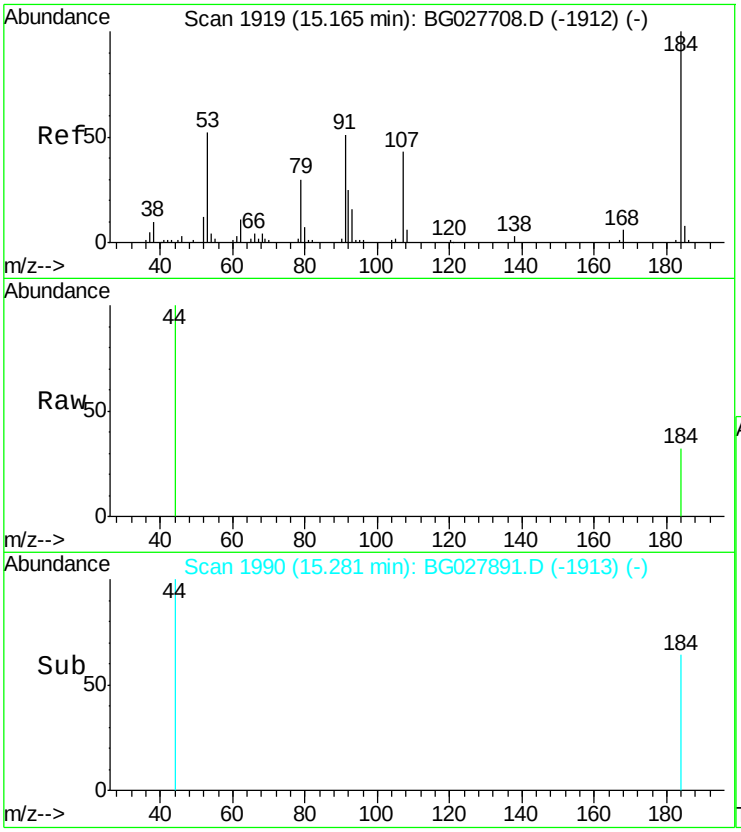


#44
2-Fluorobiphenyl
Concen: 94.03 ng
RT: 13.64 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Tgt Ion:172 Resp: 680453

Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.2	48.2
170	24.3	21.8	32.6



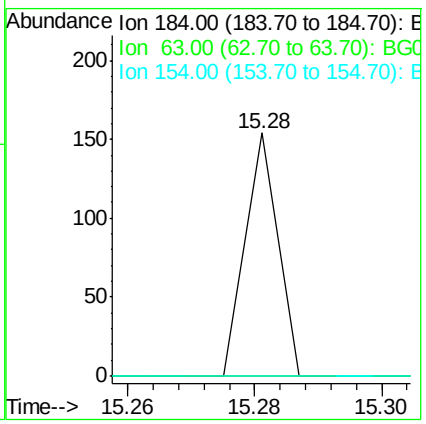


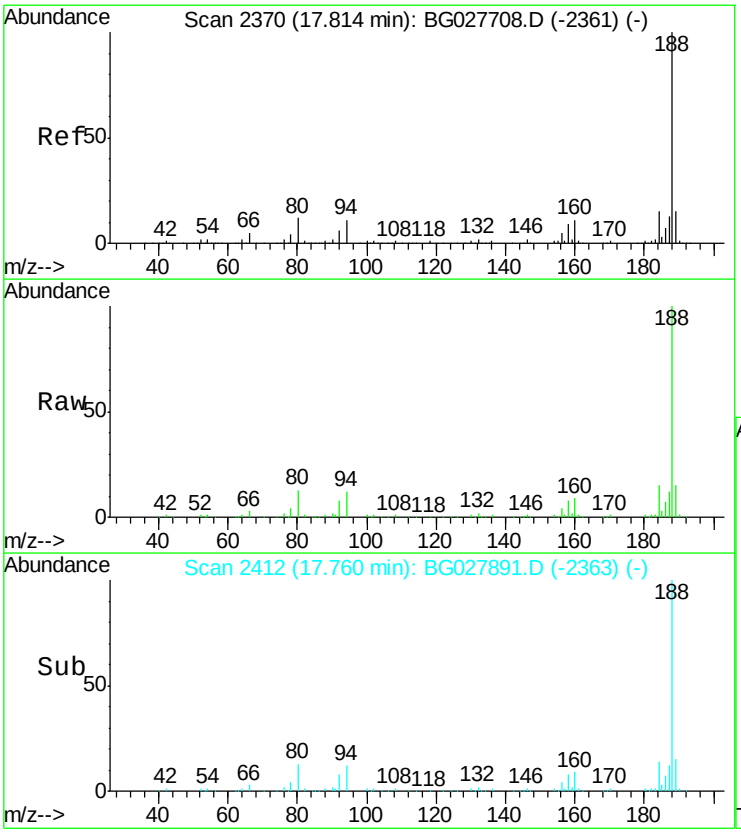
#53
2,4-Dinitrophenol
Concen: 8.62 ng
RT: 15.28 min Scan# 1990
Delta R.T. 0.15 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#

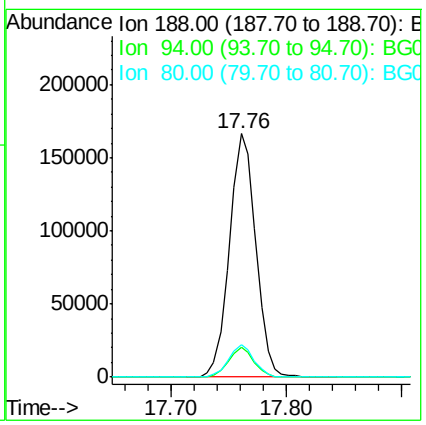


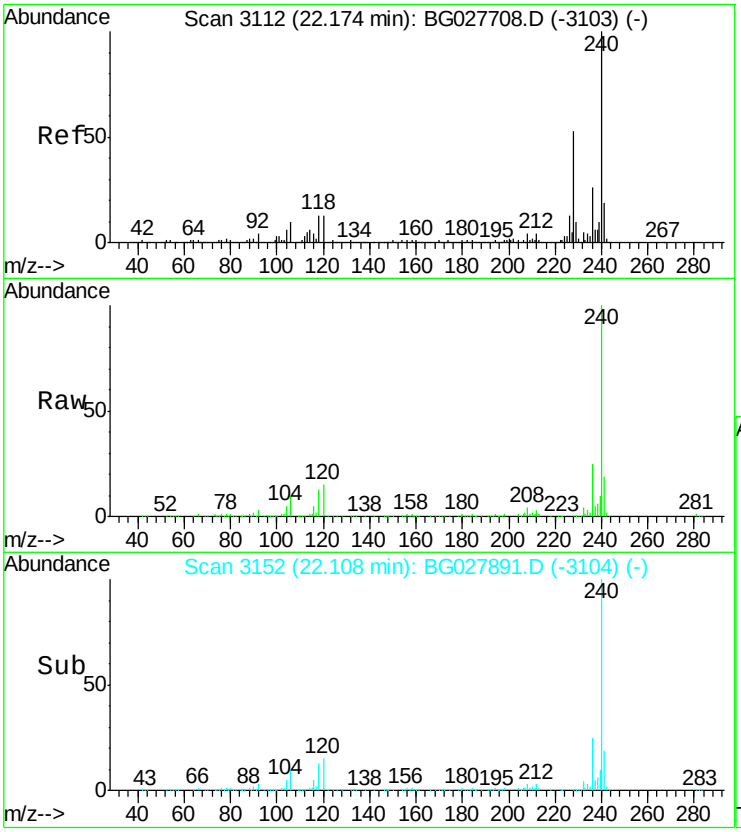


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Tgt Ion:188 Resp: 262936

Ion	Ratio	Lower	Upper
188	100		
94	12.1	5.8	8.8#
80	13.2	7.5	11.3#



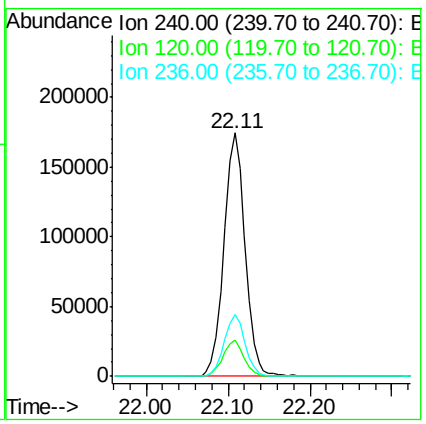


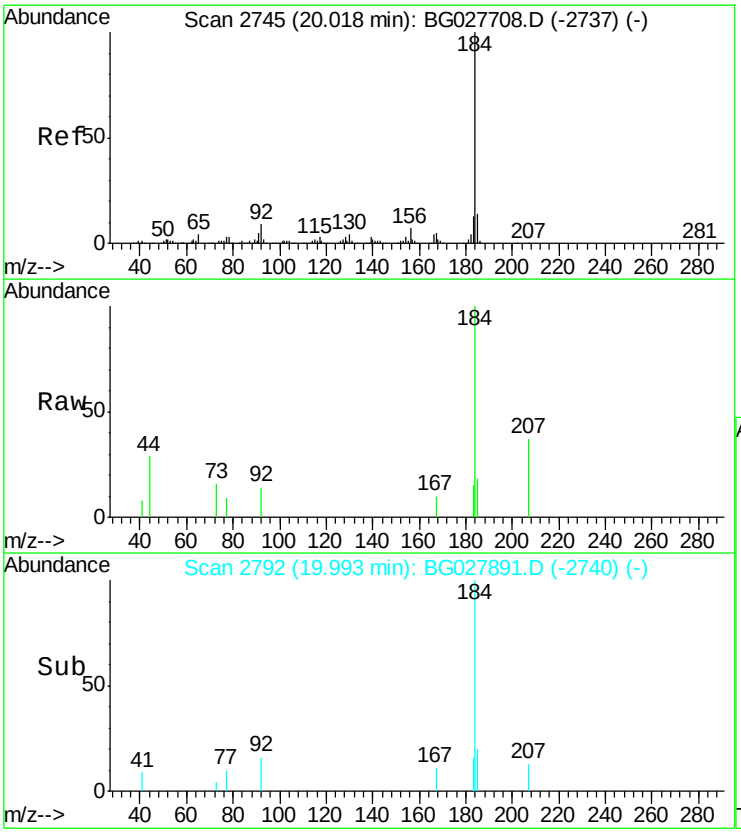
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.11 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 313624

Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.7	8.5#
236	25.2	22.2	33.4

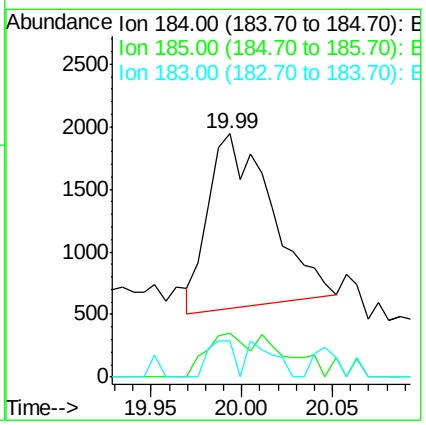


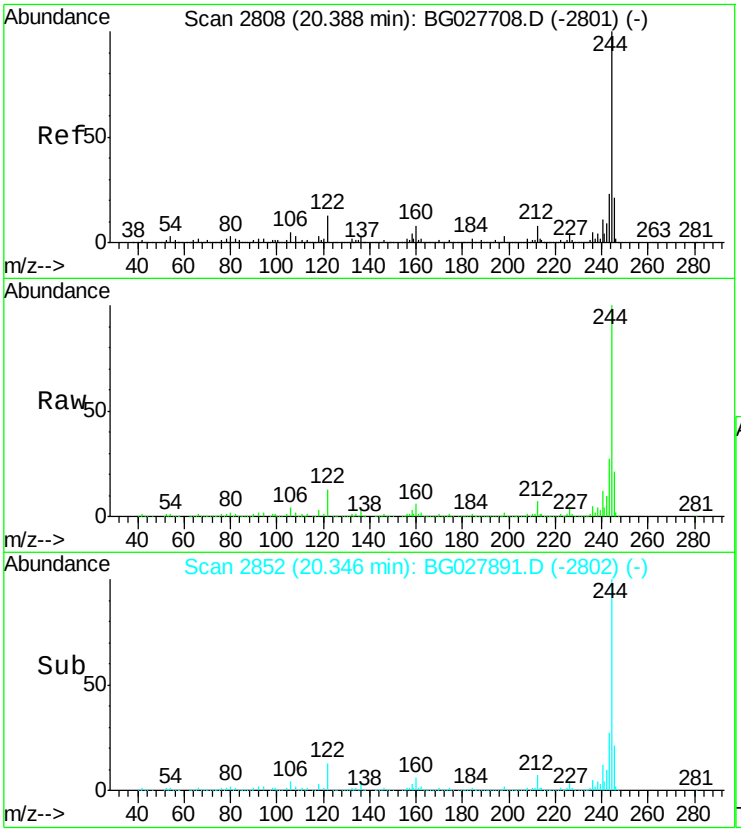


#76
Benzidine
Concen: 3.63 ng
RT: 19.99 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Tgt Ion:184 Resp: 3330

Ion	Ratio	Lower	Upper
184	100		
185	18.0	13.0	19.6
183	14.7	11.0	16.6



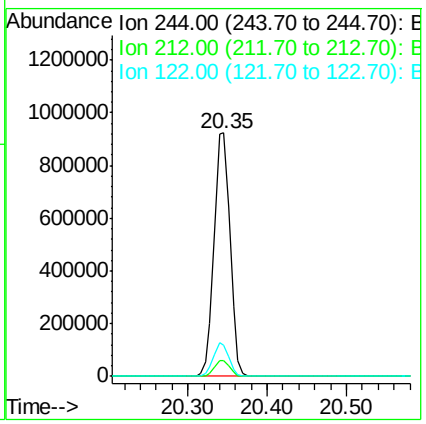


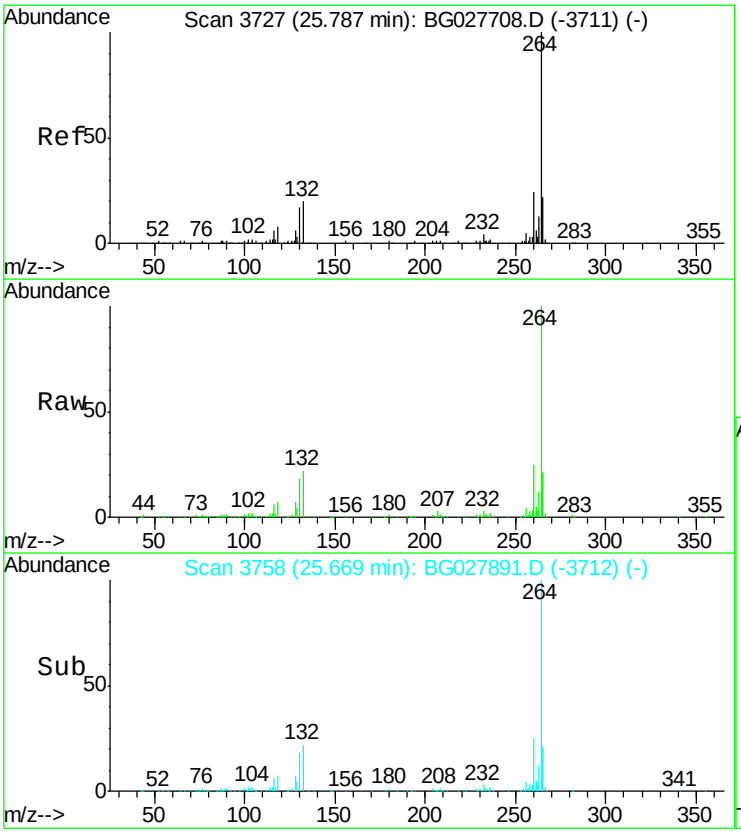
#78
Terphenyl-d14
Concen: 96.54 ng
RT: 20.35 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1291463

Ion	Ratio	Lower	Upper
244	100		
212	6.6	10.0	15.0#
122	12.7	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.67 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG027891.D
Acq: 10 Jul 2017 17:30

Tgt Ion:264 Resp: 307815

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	21.1	18.2	27.4