Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070317\
Data File : BG027840.D
Acq On : 3 Jul 2017 20:13
Operator : SJ/JU
Sample : I3997-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW12-5-6-GRAB

Quant Time: Jul 04 07:27:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	27042	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	128770	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	84048	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	223548	20.00	ng	-0.02
75) Chrysene-d12	22.15	240	241239	20.00	ng	-0.03
86) Perylene-d12	25.73	264	241473	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	221041	125.87	ng	-0.03
7) Phenol-d6	7.60	99	299680	111.71	ng	-0.02
23) Nitrobenzene-d5	9.62	82	169955	73.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	179199	155.45	ng	-0.02
44) 2-Fluorobiphenyl	13.67	172	438868	74.57	ng	-0.02
78) Terphenyl-d14	20.37	244	832347	80.89	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.62	94	6281	2.366	ng	75
31) Naphthalene	11.32	128	60443	8.826	ng	96
37) 2-Methylnaphthalene	12.89	142	73048	14.322	ng	94
49) Dimethylphthalate	14.48	163	110956	15.475	ng	95

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

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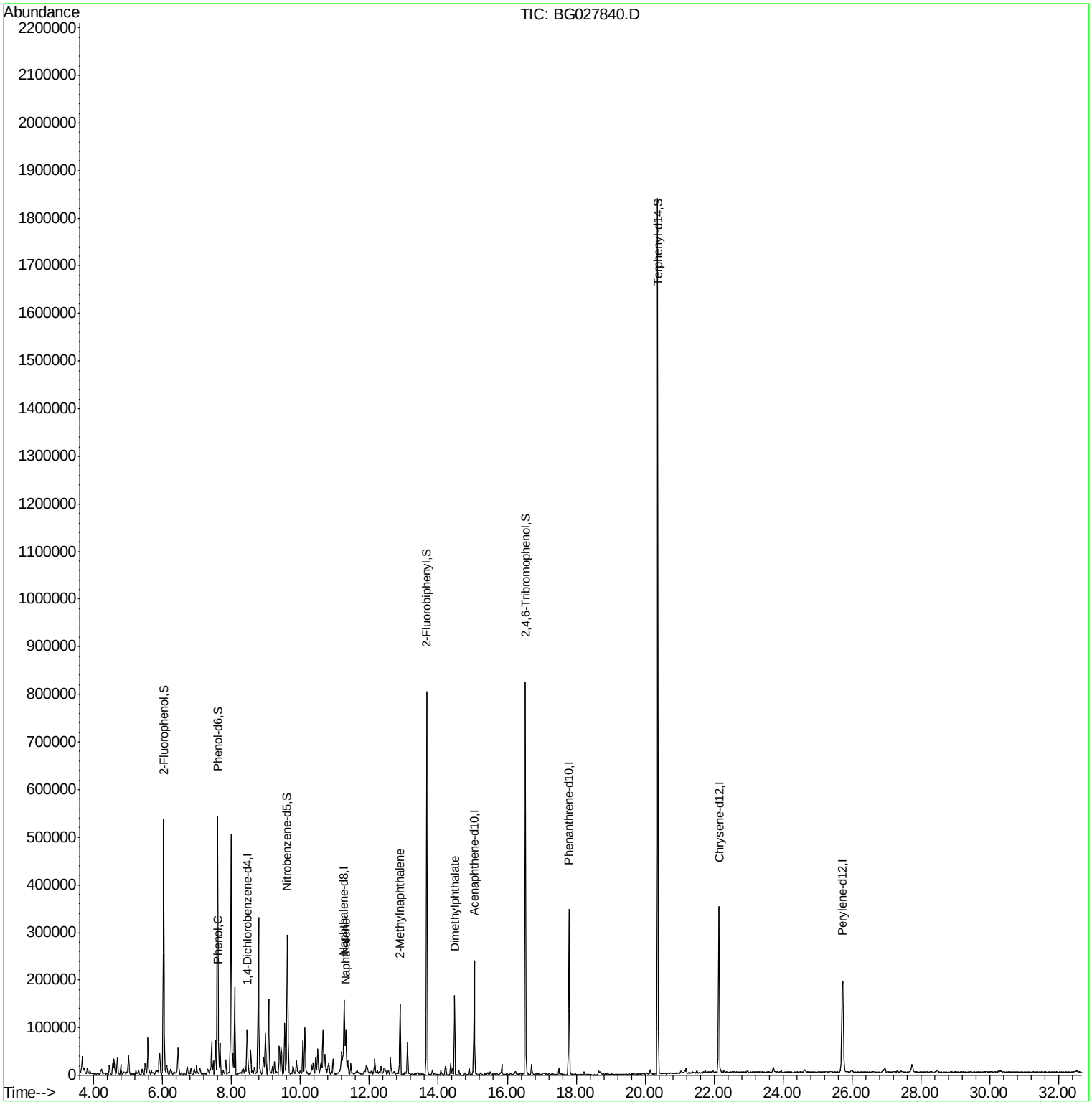
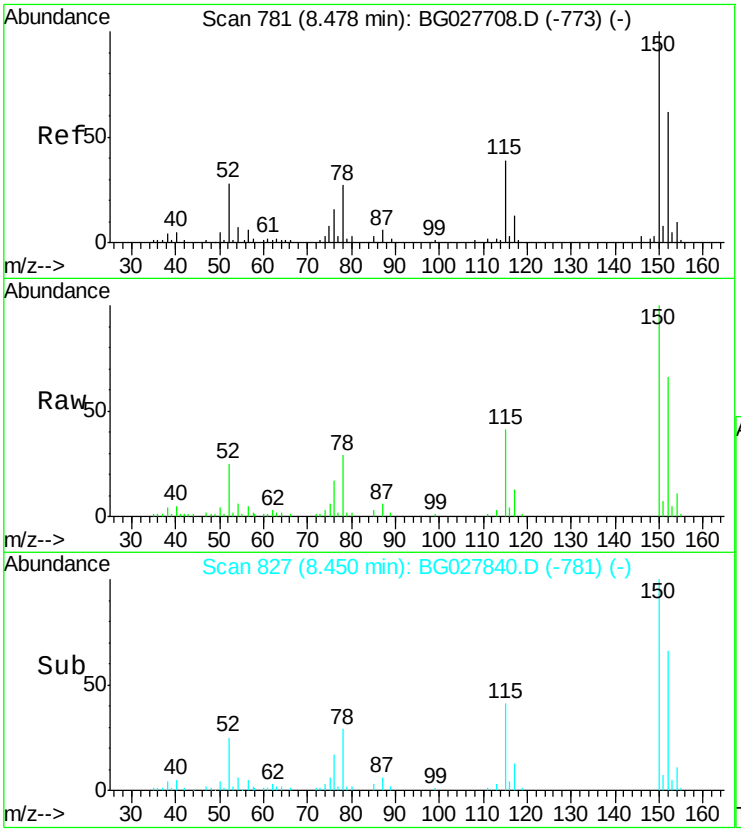


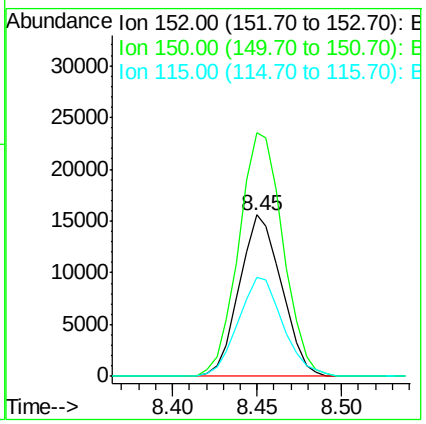


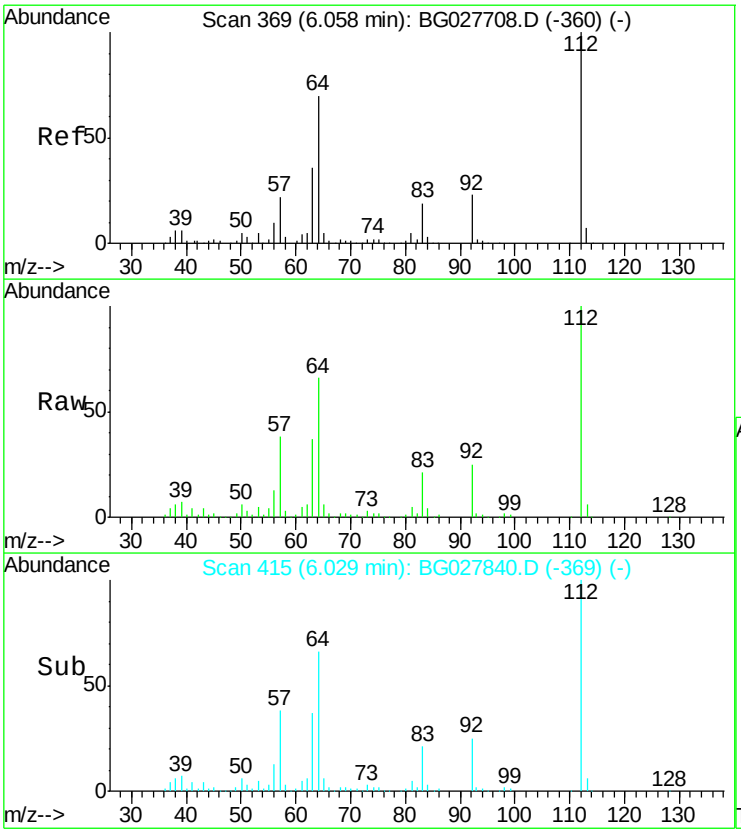
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 827
Delta R.T. -0.03 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Instrument :
BNA_G
ClientSampleId :
MW12-5-6-GRAB

Tgt Ion:152 Resp: 27042

Ion	Ratio	Lower	Upper
152	100		
150	150.8	114.0	171.0
115	61.6	48.1	72.1

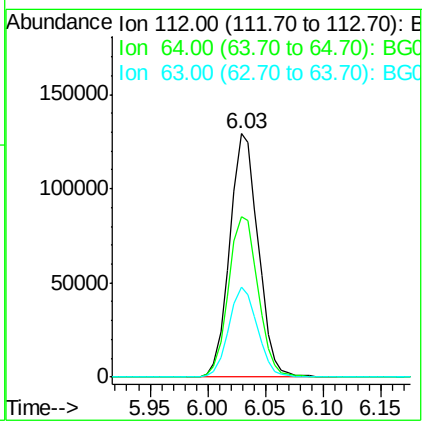


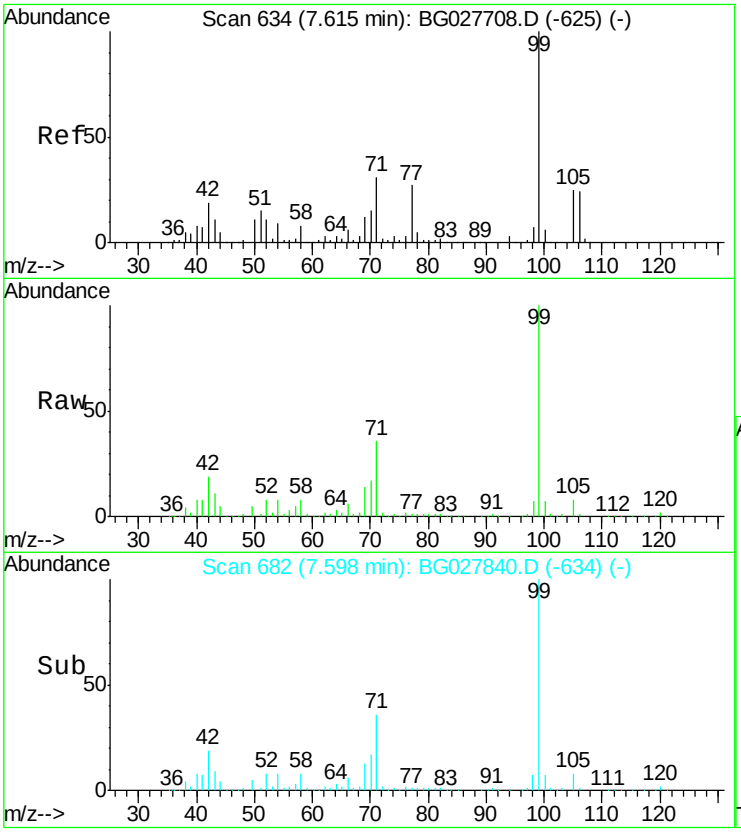


#5
2-Fluorophenol
Concen: 125.872 ng
RT: 6.03 min Scan# 415
Delta R.T. -0.03 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Tgt Ion:112 Resp: 221041

Ion	Ratio	Lower	Upper
112	100		
64	66.0	61.8	92.6
63	37.0	37.2	55.8#



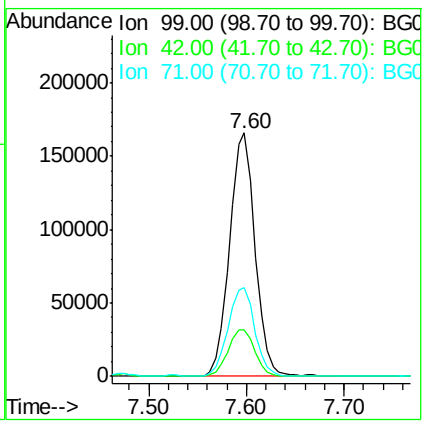


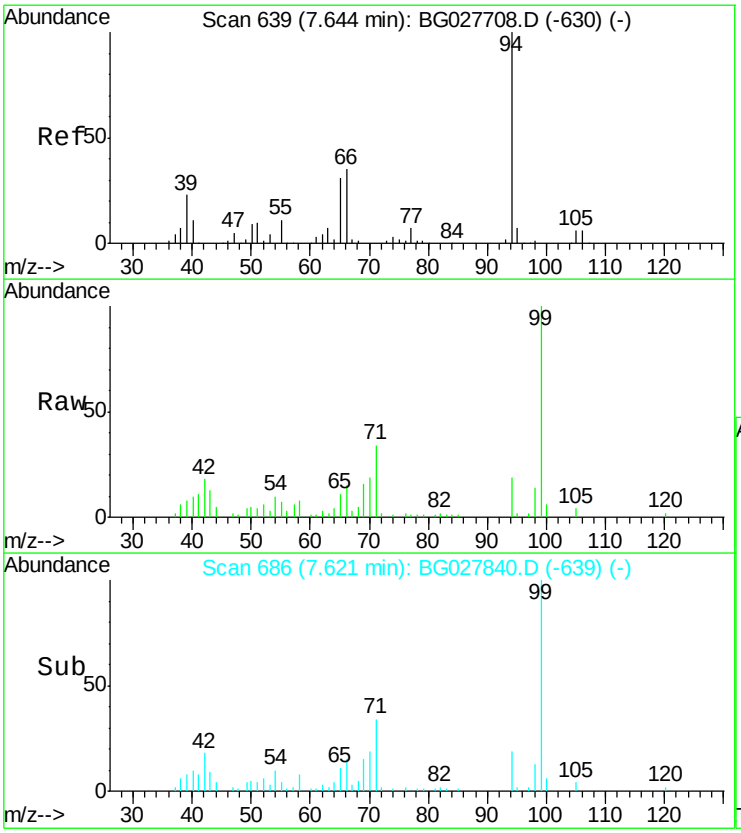
#7
Phenol-d6
Concen: 111.706 ng
RT: 7.60 min Scan# 682
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Instrument :
BNA_G
ClientSampleId :
MW12-5-6-GRAB

Tgt Ion: 99 Resp: 299680

Ion	Ratio	Lower	Upper
99	100		
42	19.2	20.5	30.7#
71	36.4	37.6	56.4#

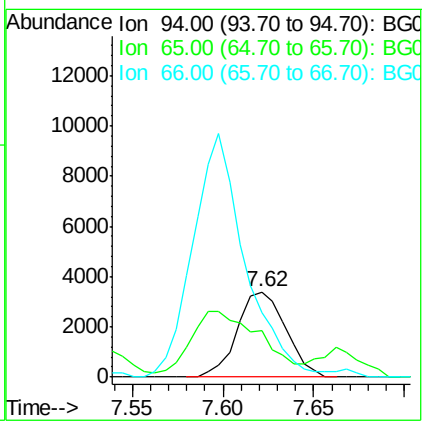


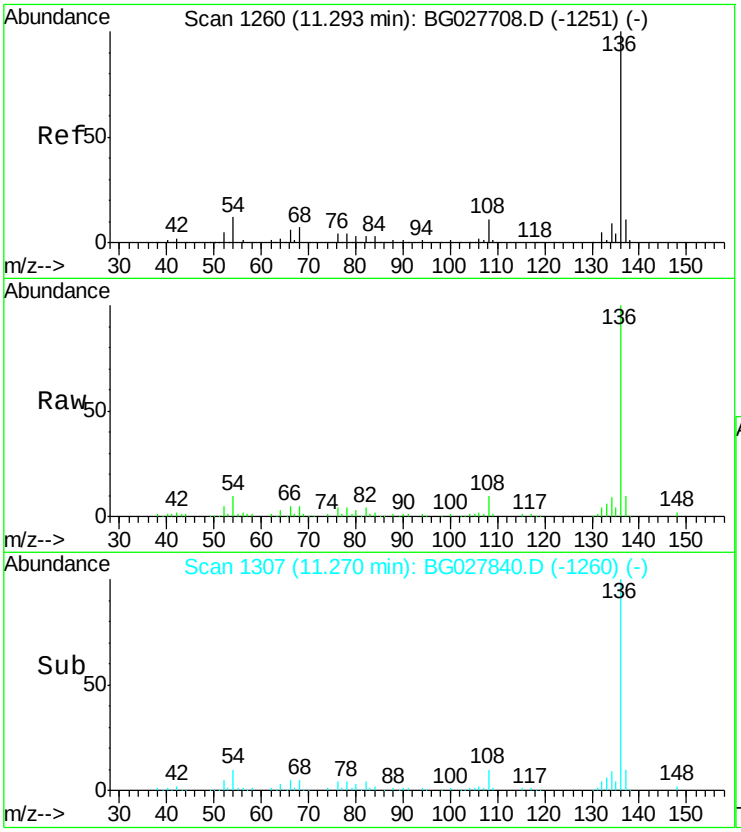


#10
Phenol
Concen: 2.366 ng
RT: 7.62 min Scan# 686
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Tgt Ion: 94 Resp: 6281

Ion	Ratio	Lower	Upper
94	100		
65	54.6	20.6	60.6
66	74.9	35.5	75.5



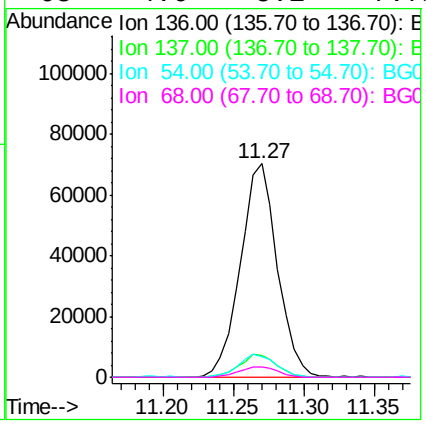


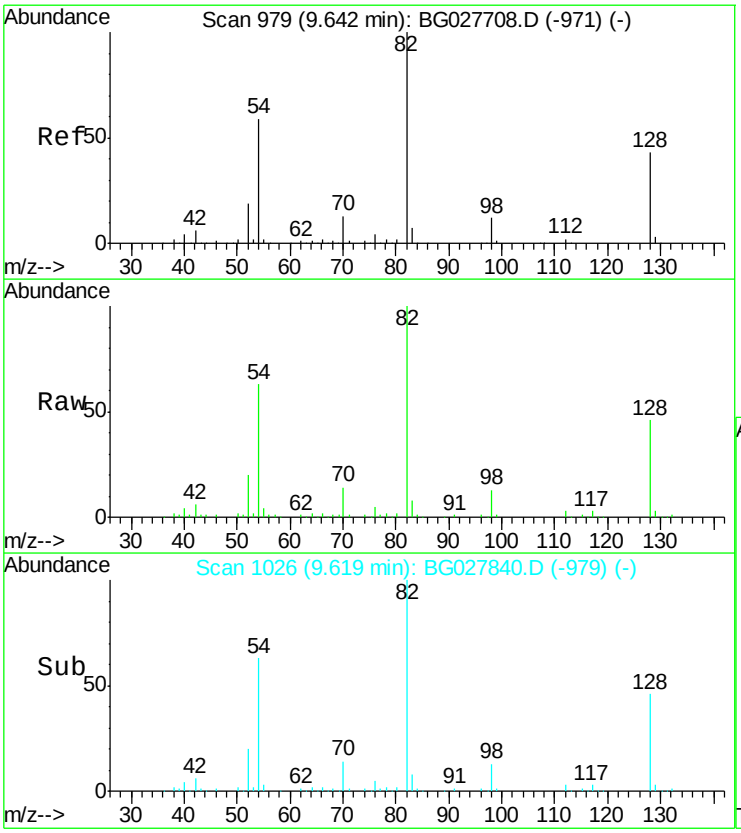
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.27 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Instrument :
BNA_G
ClientSampleId :
MW12-5-6-GRAB

Tgt Ion:136 Resp: 128770

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	9.6	9.3	13.9
68	4.6	5.1	7.7#

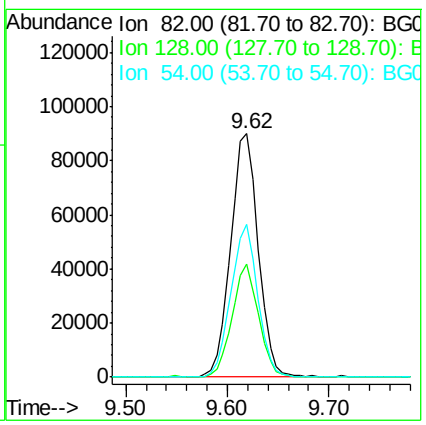


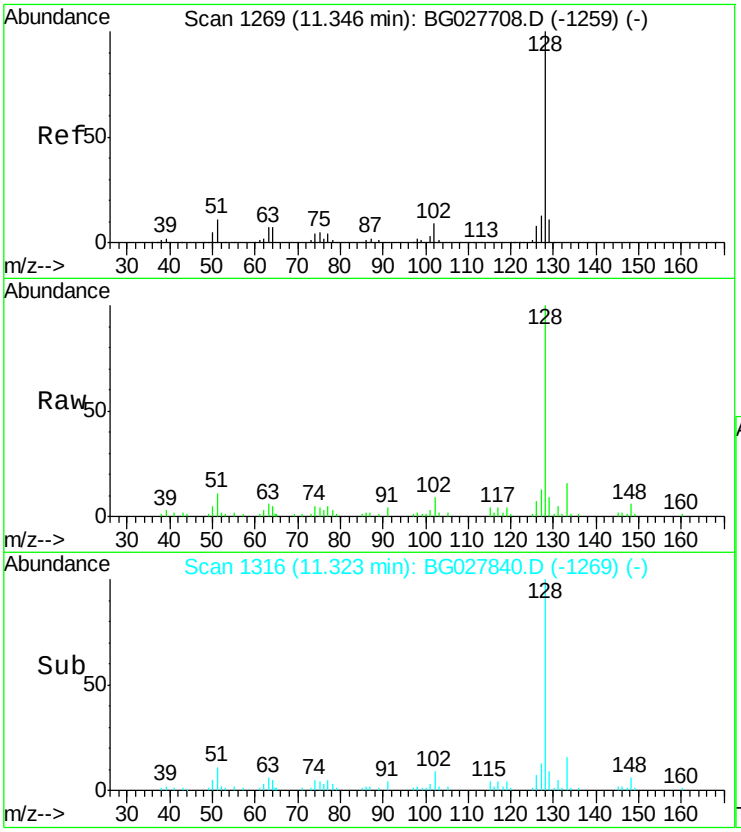


#23
Nitrobenzene-d5
Concen: 73.569 ng
RT: 9.62 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Tgt Ion: 82 Resp: 169955

Ion	Ratio	Lower	Upper
82	100		
128	46.2	26.4	39.6#
54	62.7	49.4	74.2



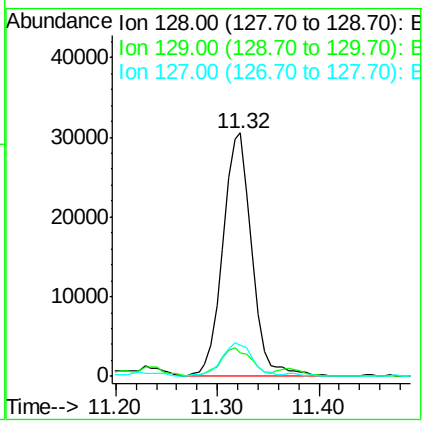


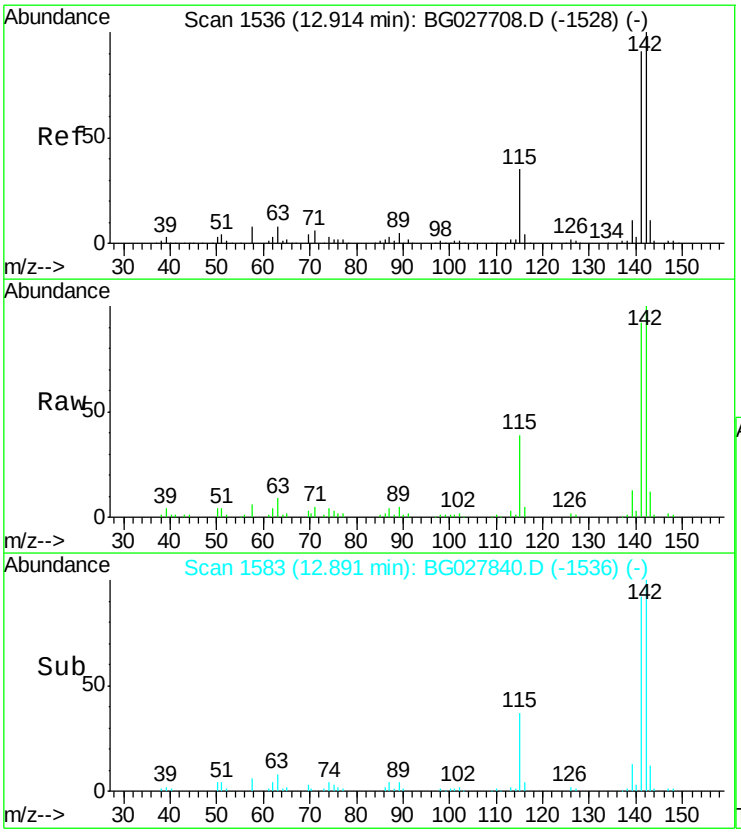
#31
Naphthalene
Concen: 8.826 ng
RT: 11.32 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Instrument :
BNA_G
ClientSampleId :
MW12-5-6-GRAB

Tgt Ion:128 Resp: 60443

Ion	Ratio	Lower	Upper
128	100		
129	9.4	9.3	13.9
127	13.0	11.4	17.0

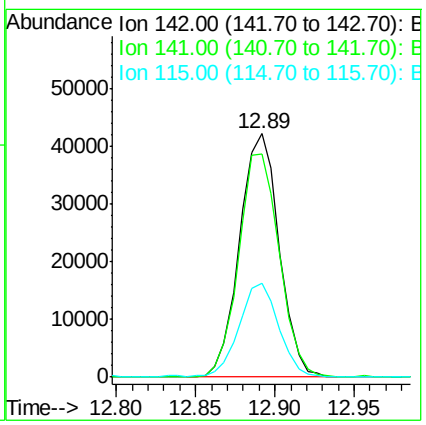


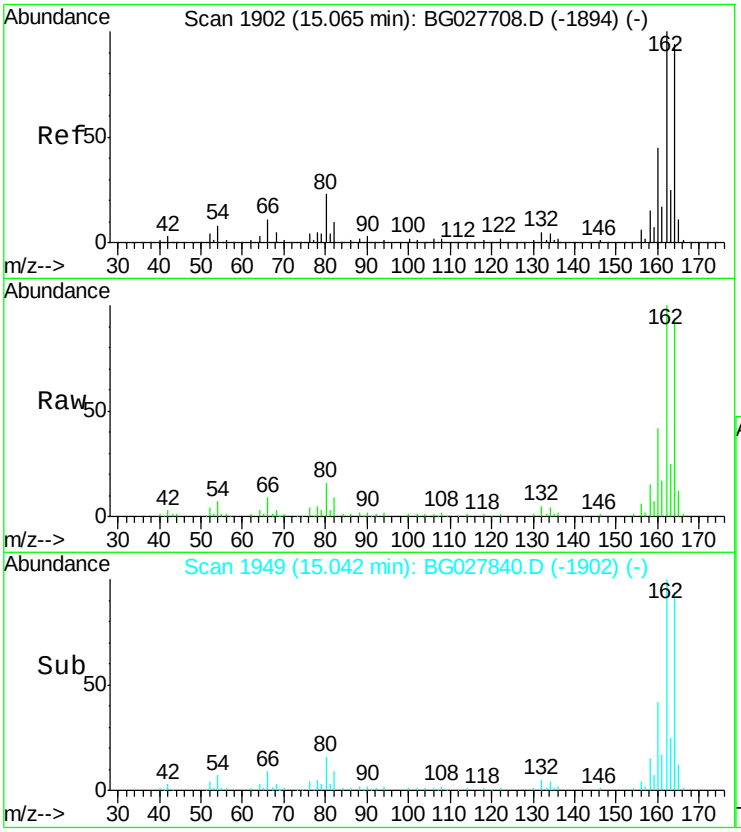


#37
2-Methylnaphthalene
Concen: 14.322 ng
RT: 12.89 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Tgt Ion:142 Resp: 73048

Ion	Ratio	Lower	Upper
142	100		
141	91.9	70.4	105.6
115	38.5	35.5	53.3



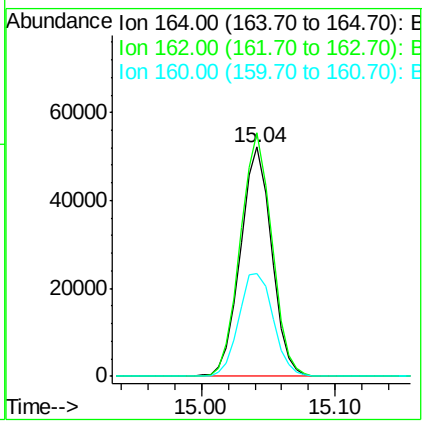


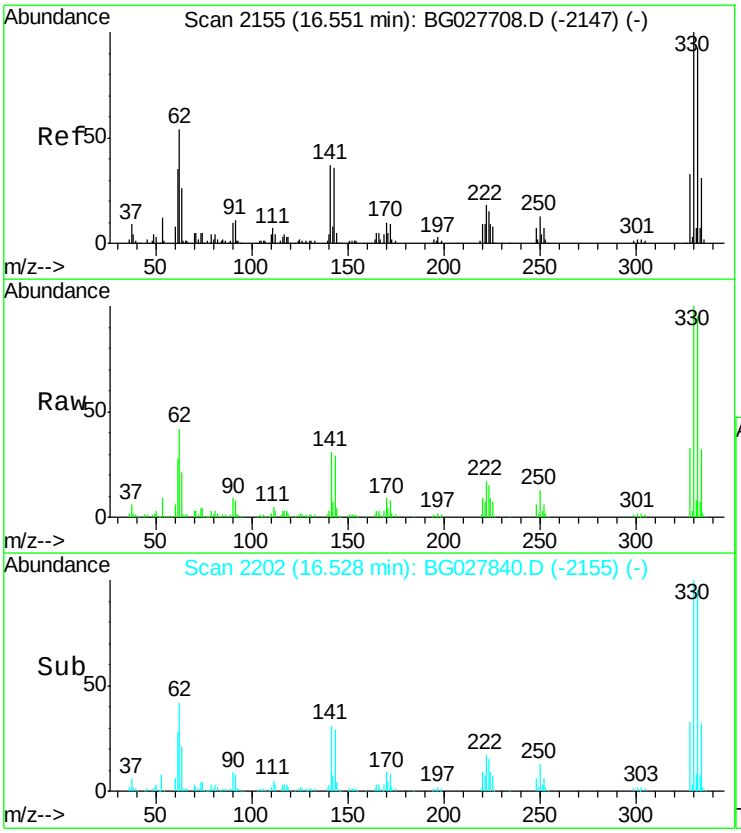
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.04 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Instrument :
BNA_G
ClientSampleId :
MW12-5-6-GRAB

Tgt Ion:164 Resp: 84048

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.1	127.7
160	44.8	34.7	52.1

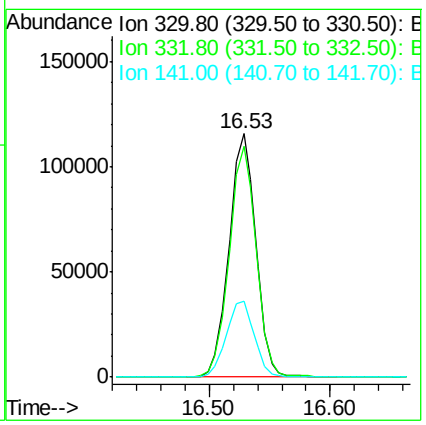


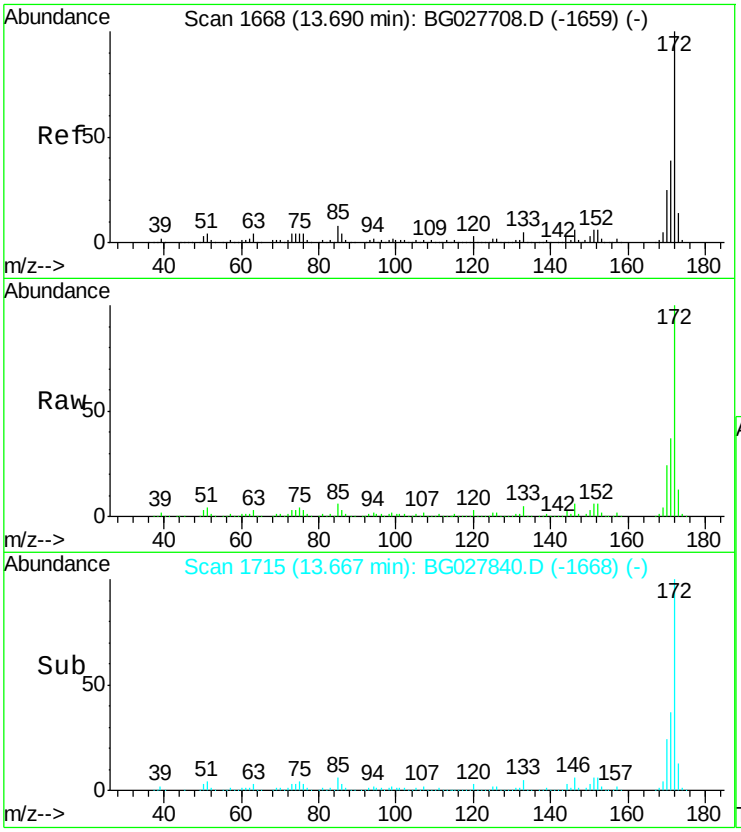


#41
2,4,6-Tribromophenol
Concen: 155.445 ng
RT: 16.53 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Tgt Ion:330 Resp: 179199

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	32.8	32.1	48.1



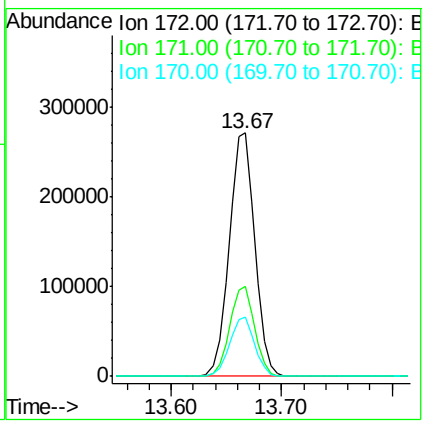


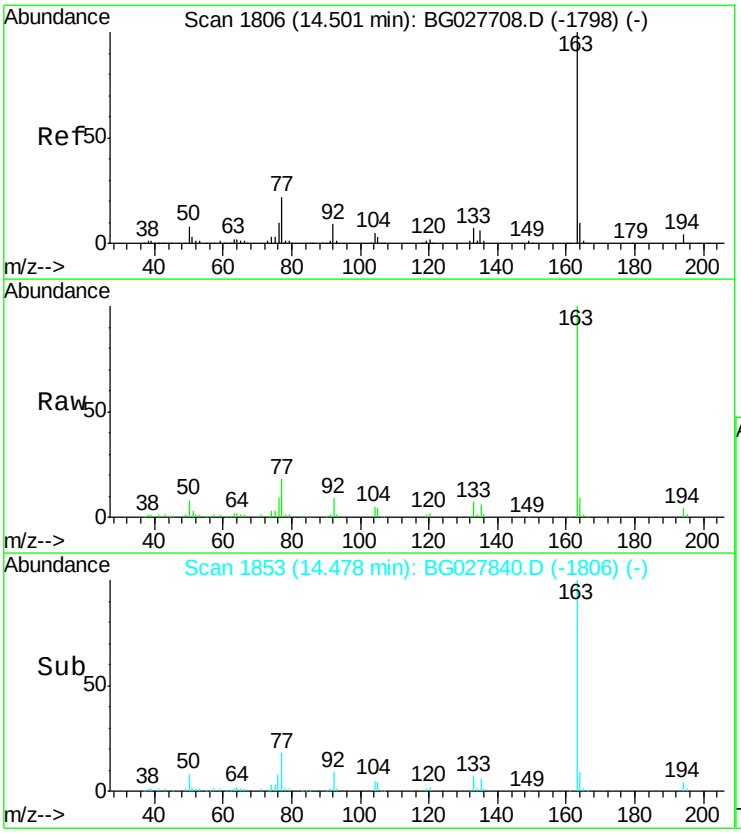
#44
2-Fluorobiphenyl
Concen: 74.574 ng
RT: 13.67 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Instrument :
BNA_G
ClientSampleId :
MW12-5-6-GRAB

Tgt Ion:172 Resp: 438868

Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	24.3	21.8	32.6

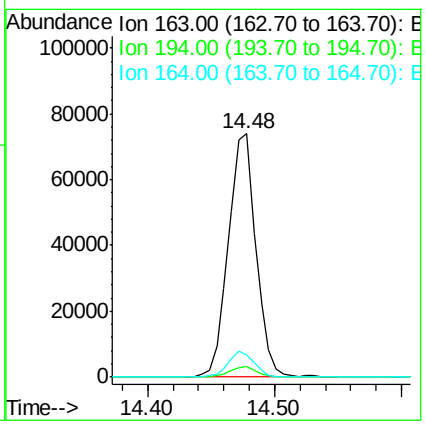


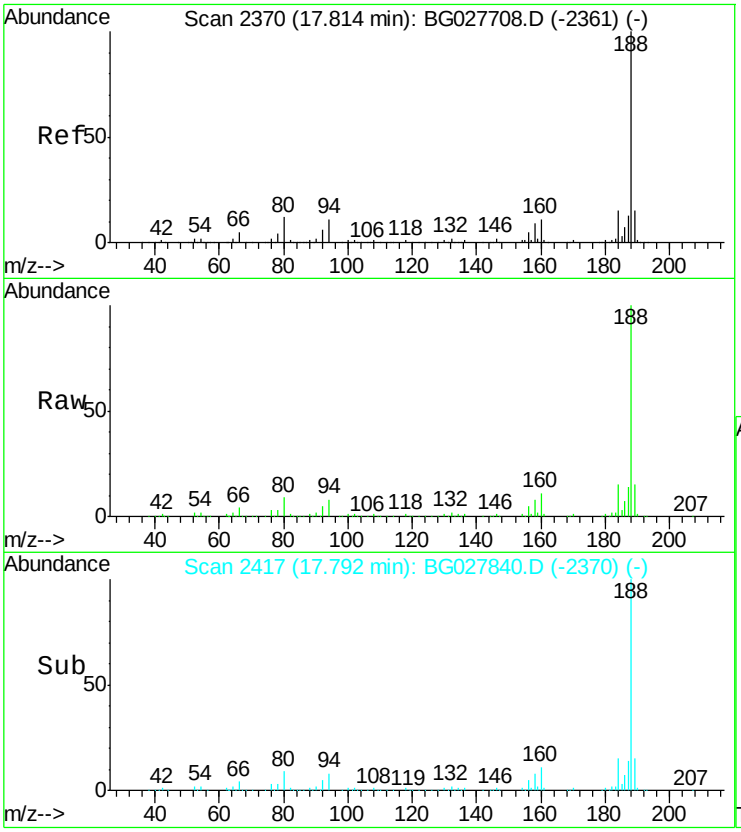


#49
Dimethylphthalate
Concen: 15.475 ng
RT: 14.48 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Tgt Ion:163 Resp: 110956

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.8	5.6
164	9.3	9.3	13.9



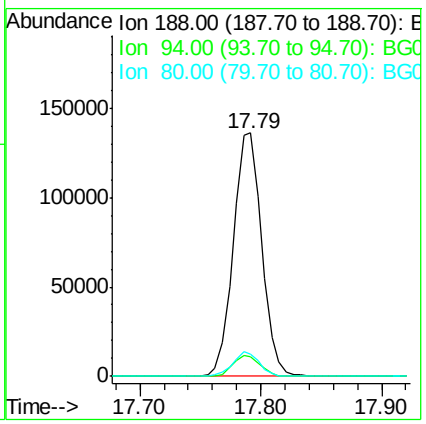


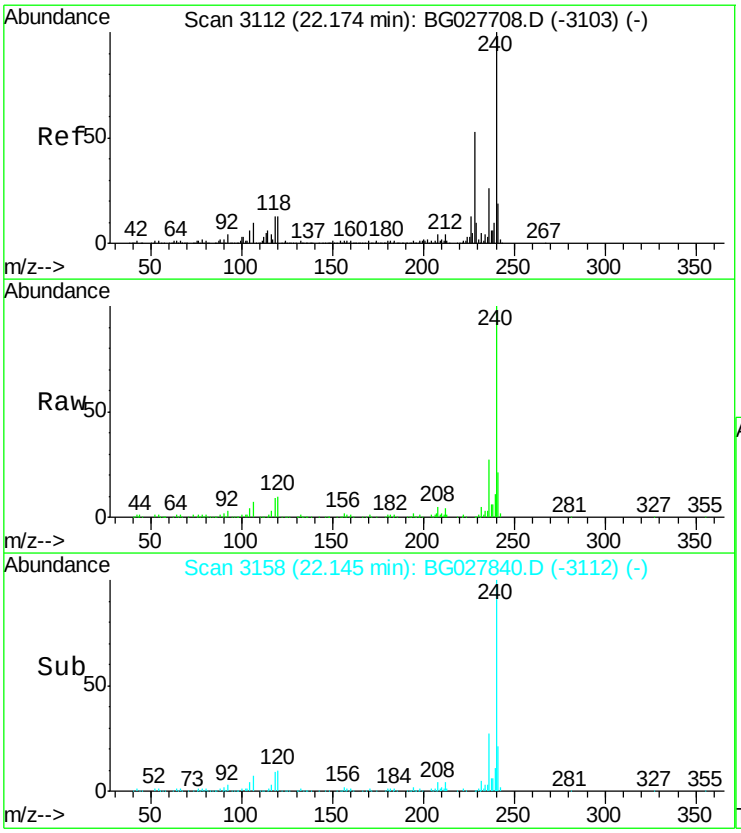
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Instrument :
BNA_G
ClientSampleId :
MW12-5-6-GRAB

Tgt Ion:188 Resp: 223548

Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.8	8.8
80	9.1	7.5	11.3

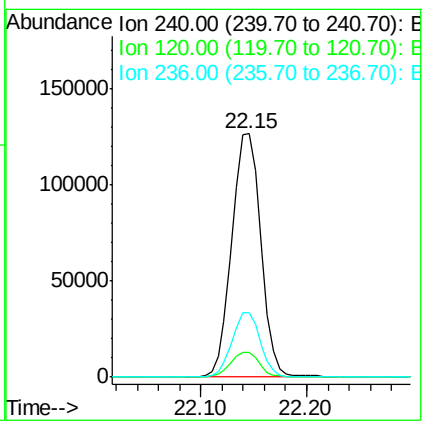


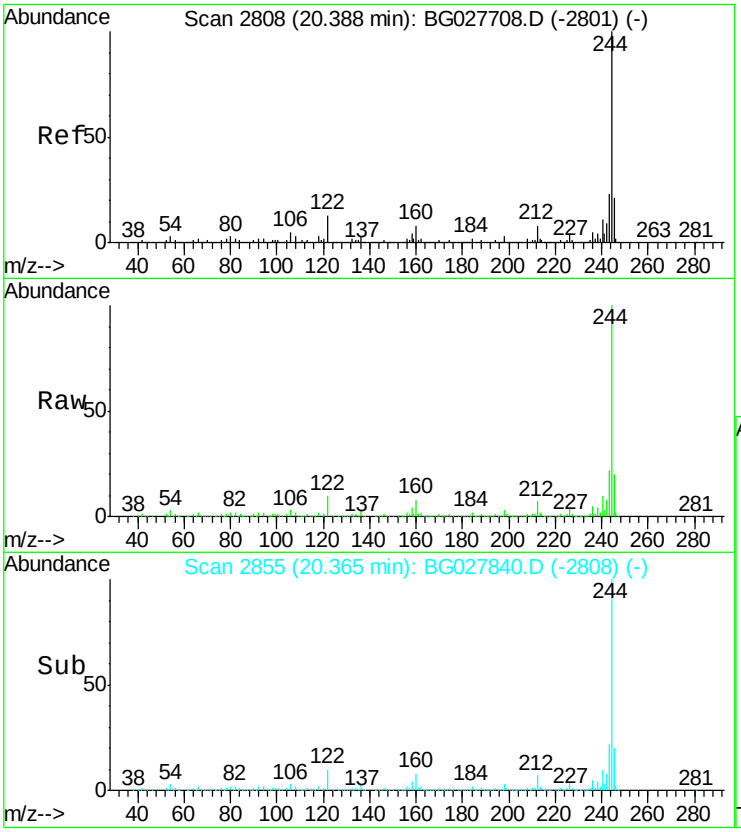


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.15 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Tgt Ion:240 Resp: 241239

Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.7	8.5#
236	26.6	22.2	33.4



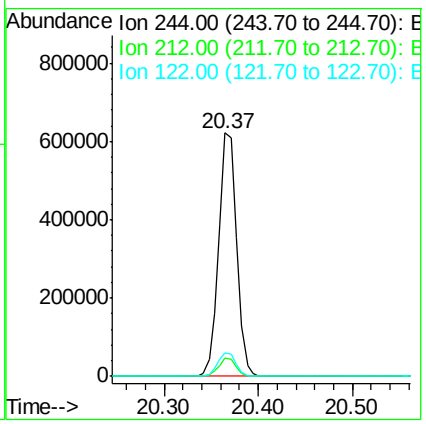


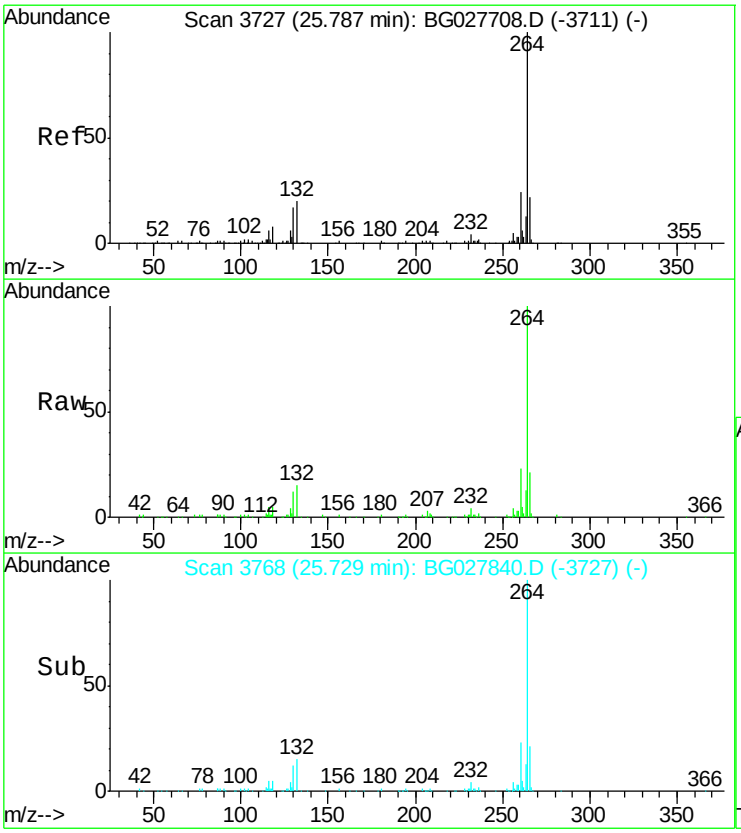
#78
Terphenyl-d14
Concen: 80.888 ng
RT: 20.37 min Scan# 2855
Delta R.T. -0.02 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Instrument :
BNA_G
ClientSampleId :
MW12-5-6-GRAB

Tgt Ion:244 Resp: 832347

Ion	Ratio	Lower	Upper
244	100		
212	7.3	10.0	15.0#
122	9.7	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.73 min Scan# 3768
Delta R.T. -0.06 min
Lab File: BG027840.D
Acq: 3 Jul 2017 20:13

Tgt Ion:264 Resp: 241473

Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.3	18.2	27.4