Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016642.D
Acq On : 23 Apr 2015 6:41
Operator : TP/IZ
Sample : G1976-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0440

Quant Time: Apr 23 07:44:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 07:31:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	49897	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	229483	20.00	ng		0.00
38) Acenaphthene-d10	14.28	164	150450	20.00	ng		0.00
63) Phenanthrene-d10	17.02	188	344990	20.00	ng		0.00
75) Chrysene-d12	21.21	240	308128	20.00	ng		0.00
86) Perylene-d12	23.43	264	288345	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	183308	58.88	ng		0.00
7) Phenol-d6	6.84	99	163795	37.66	ng		0.00
23) Nitrobenzene-d5	8.79	82	315219	84.58	ng		0.00
41) 2,4,6-Tribromophenol	15.78	330	156374	153.03	ng		0.00
44) 2-Fluorobiphenyl	12.90	172	758473	83.49	ng		0.00
78) Terphenyl-d14	19.66	244	835135	65.30	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.47	128	122085	10.19	ng		99
37) 2-Methylnaphthalene	12.09	142	19595	2.28	ng		93
49) Dimethylphthalate	13.74	163	26501	2.38	ng	#	95

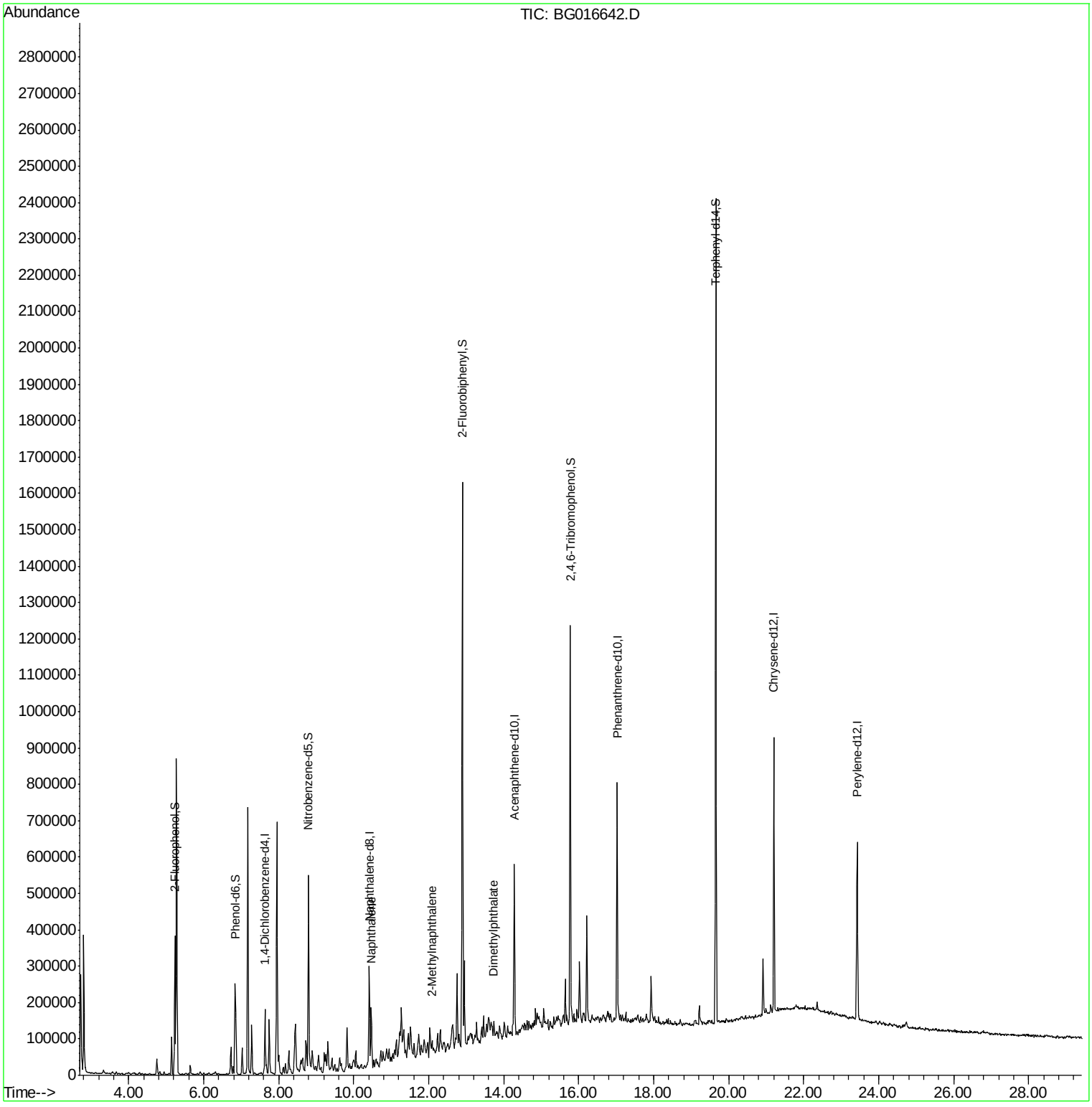
(#) = qualifier out of range (m) = manual integration (+) = signals summed

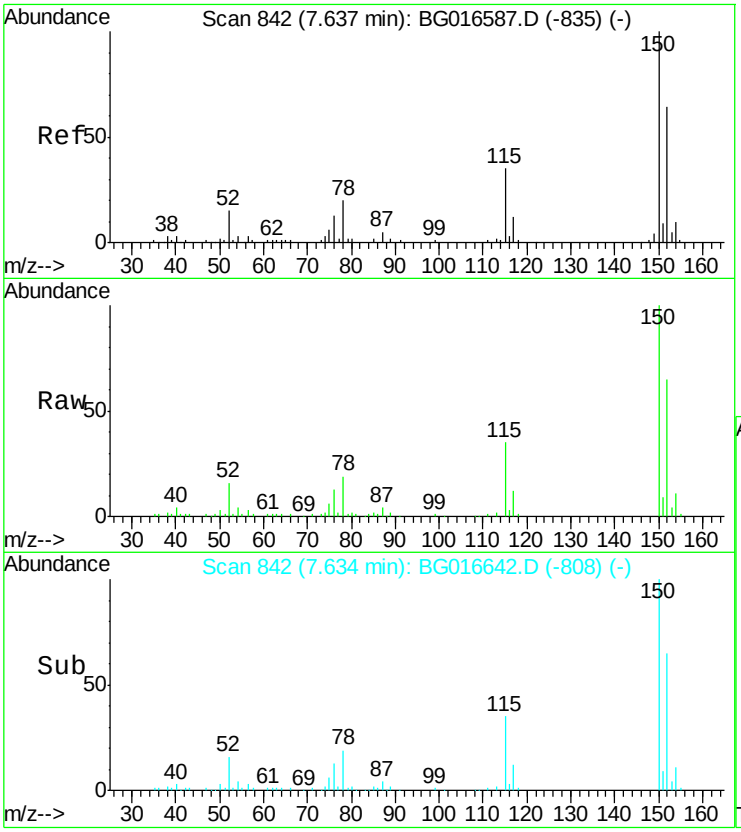
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042215\
Data File : BG016642.D
Acq On : 23 Apr 2015 6:41
Operator : TP/IZ
Sample : G1976-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0440

Quant Time: Apr 23 07:44:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 07:31:12 2015
Response via : Initial Calibration



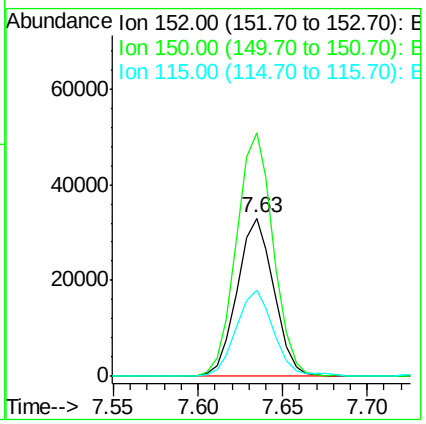


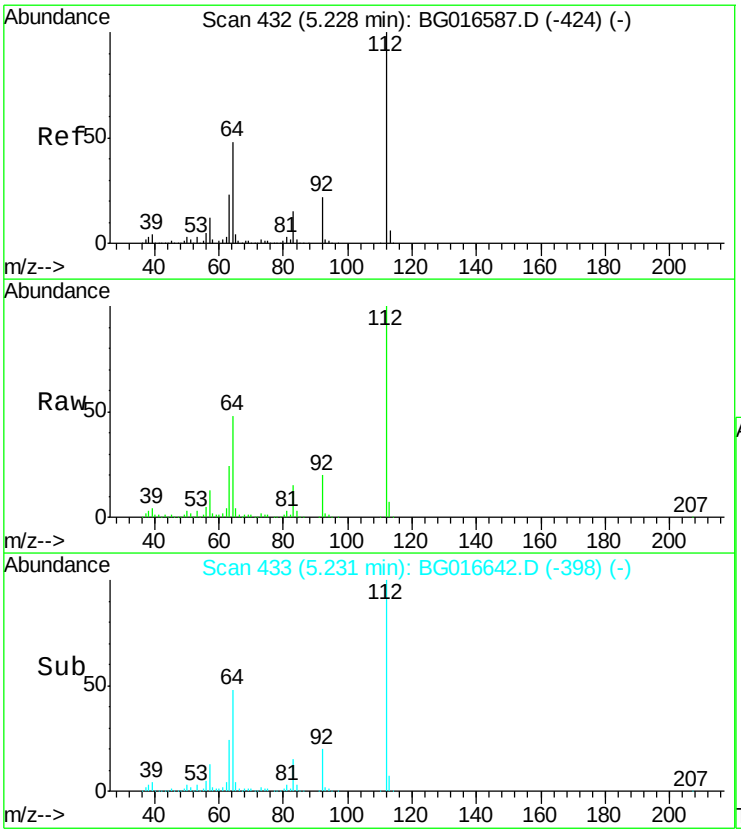
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
S8-0440

Tgt Ion:152 Resp: 49897

Ion	Ratio	Lower	Upper
152	100		
150	153.9	125.5	188.3
115	54.2	44.5	66.7

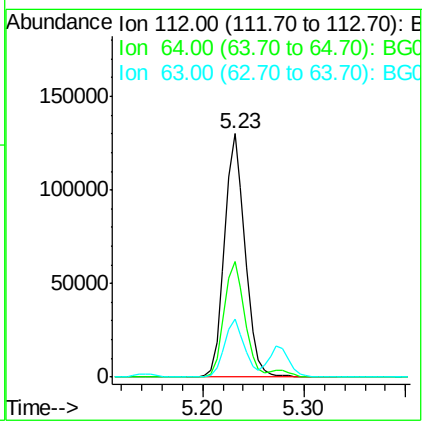


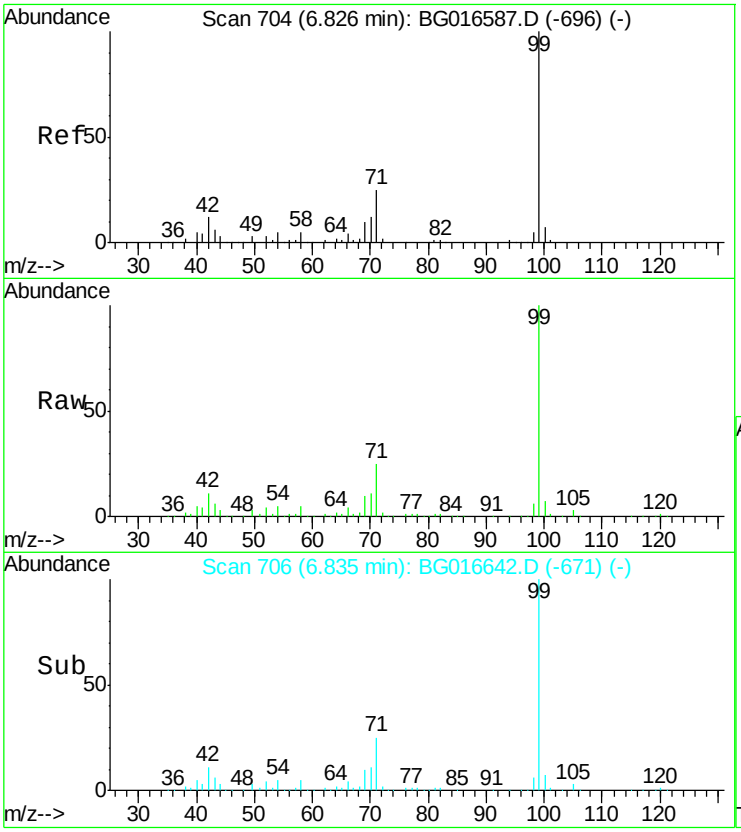


#5
2-Fluorophenol
Concen: 58.88 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.01 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Tgt Ion:112 Resp: 183308

Ion	Ratio	Lower	Upper
112	100		
64	47.7	38.5	57.7
63	23.8	18.2	27.4



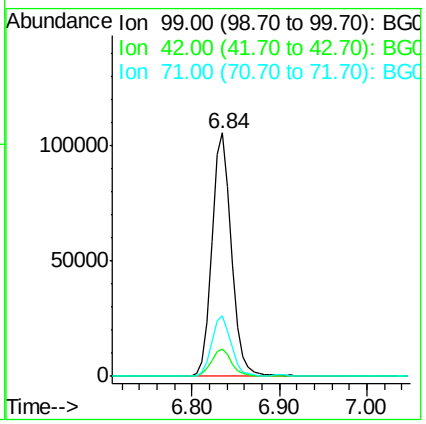


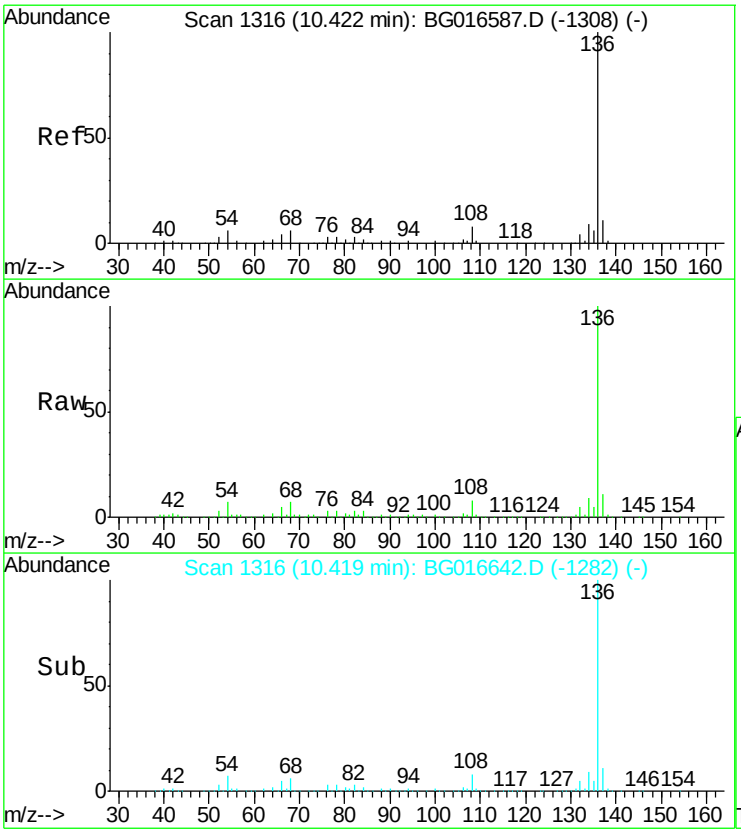
#7
Phenol-d6
Concen: 37.66 ng
RT: 6.84 min Scan# 706
Delta R.T. 0.01 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
S8-0440

Tgt Ion: 99 Resp: 163795

Ion	Ratio	Lower	Upper
99	100		
42	11.1	9.5	14.3
71	24.9	20.2	30.2

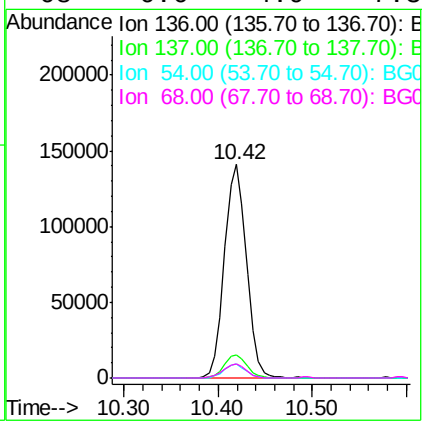


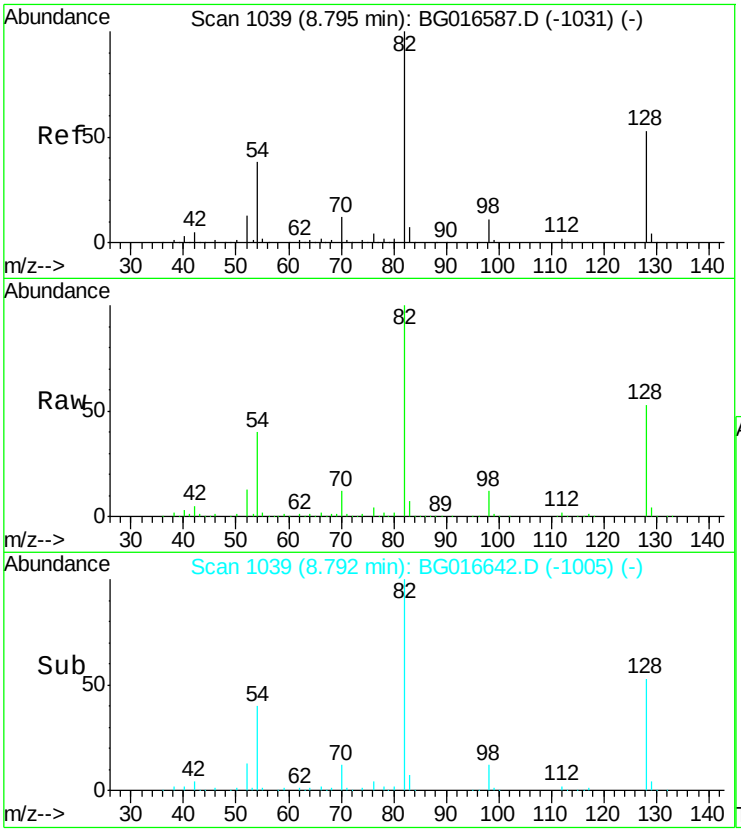


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Tgt Ion:136 Resp: 229483

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	4.9	7.3
68	6.6	4.9	7.3



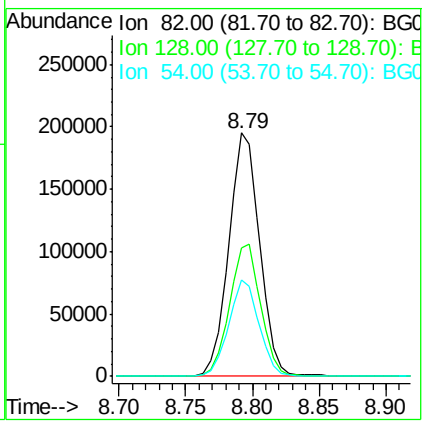


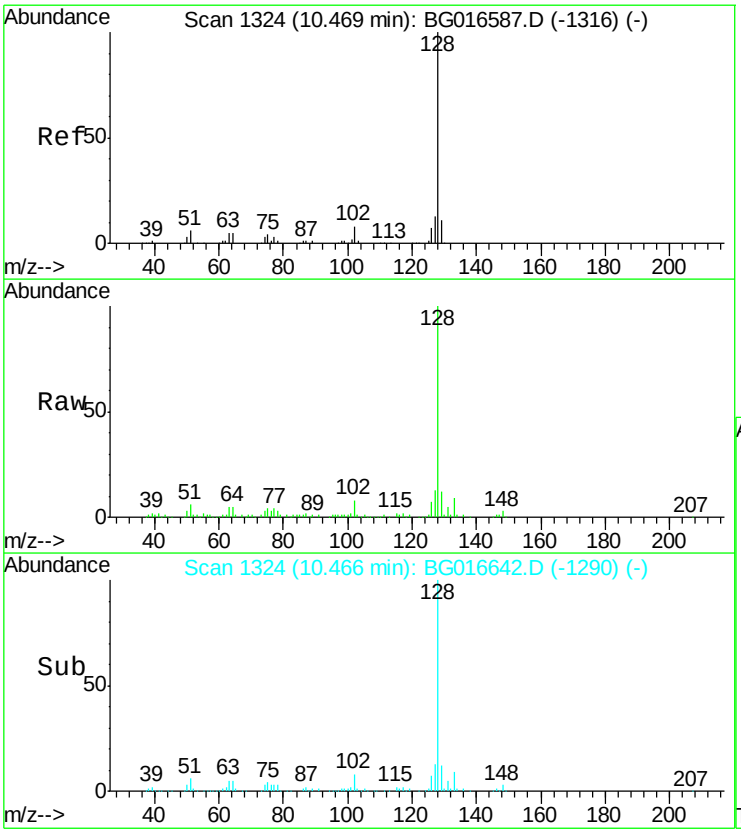
#23
Nitrobenzene-d5
Concen: 84.58 ng
RT: 8.79 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
S8-0440

Tgt Ion: 82 Resp: 315219

Ion	Ratio	Lower	Upper
82	100		
128	52.7	42.7	64.1
54	39.8	30.6	45.8

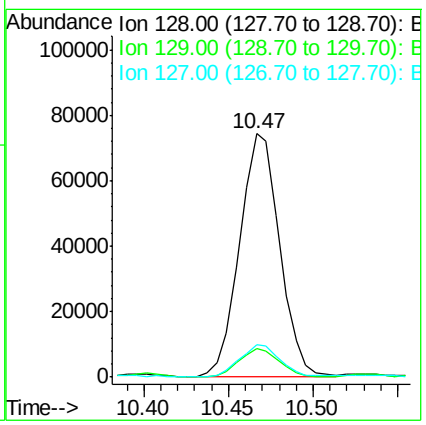


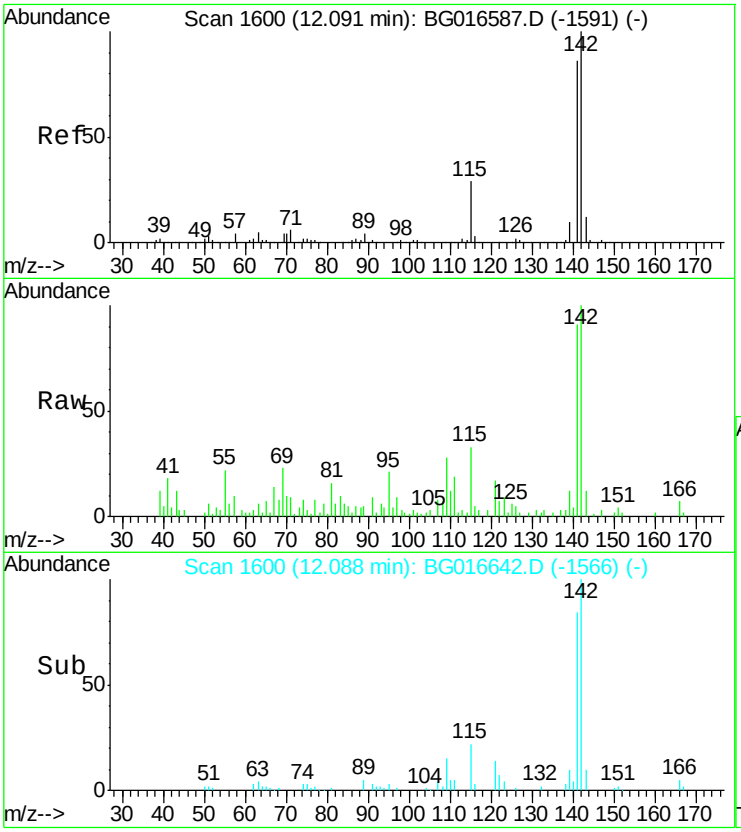


#31
Naphthalene
Concen: 10.19 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Tgt Ion:128 Resp: 122085

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	13.1	10.6	16.0



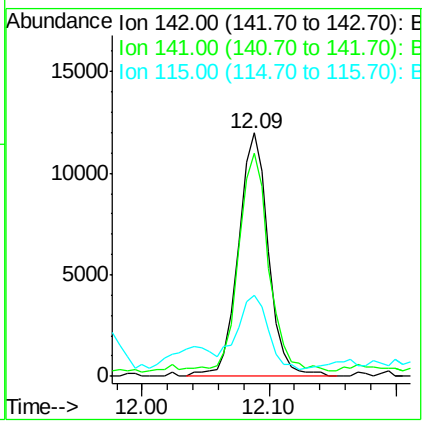


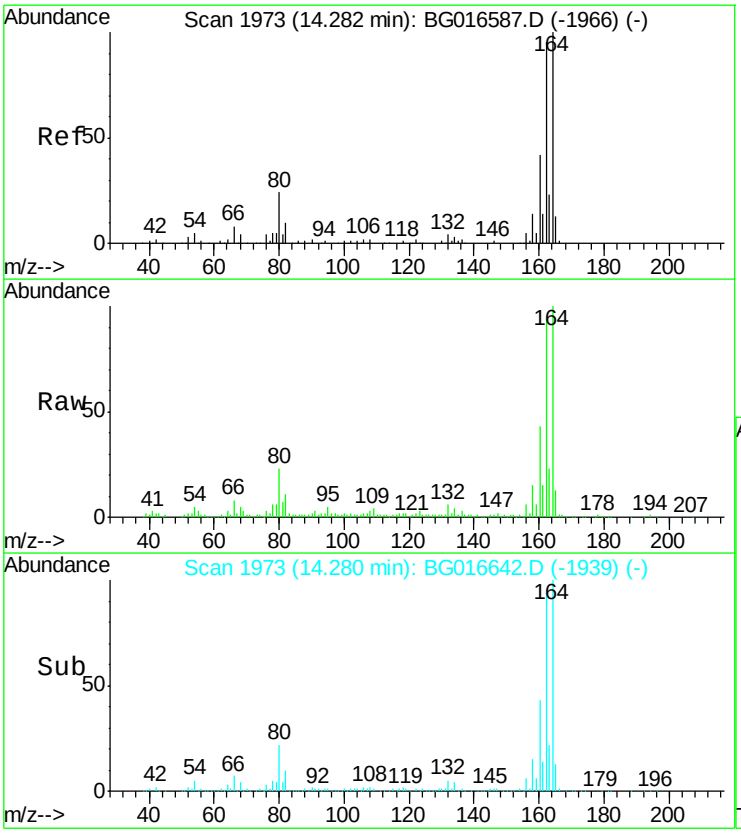
#37
2-Methylnaphthalene
Concen: 2.28 ng
RT: 12.09 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
S8-0440

Tgt Ion:142 Resp: 19595

Ion	Ratio	Lower	Upper
142	100		
141	91.5	68.6	102.8
115	33.2	23.3	34.9

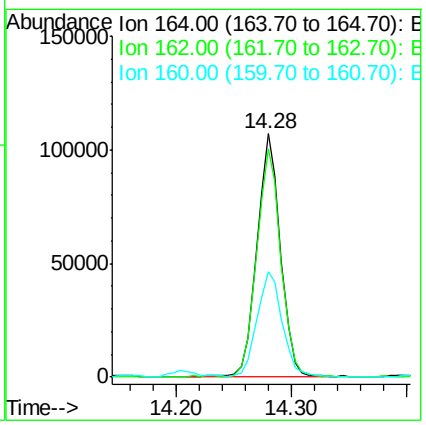


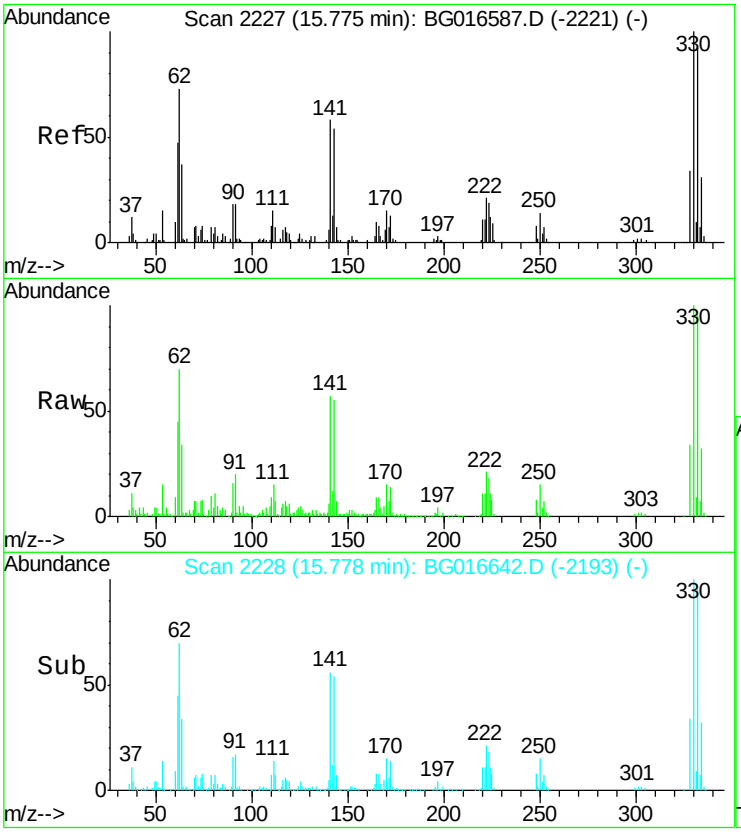


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Tgt Ion:164 Resp: 150450

Ion	Ratio	Lower	Upper
164	100		
162	93.6	75.8	113.6
160	43.3	33.8	50.6



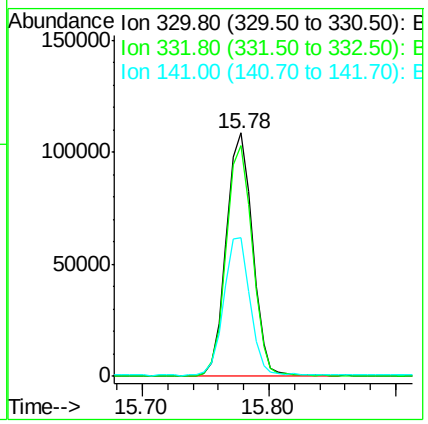


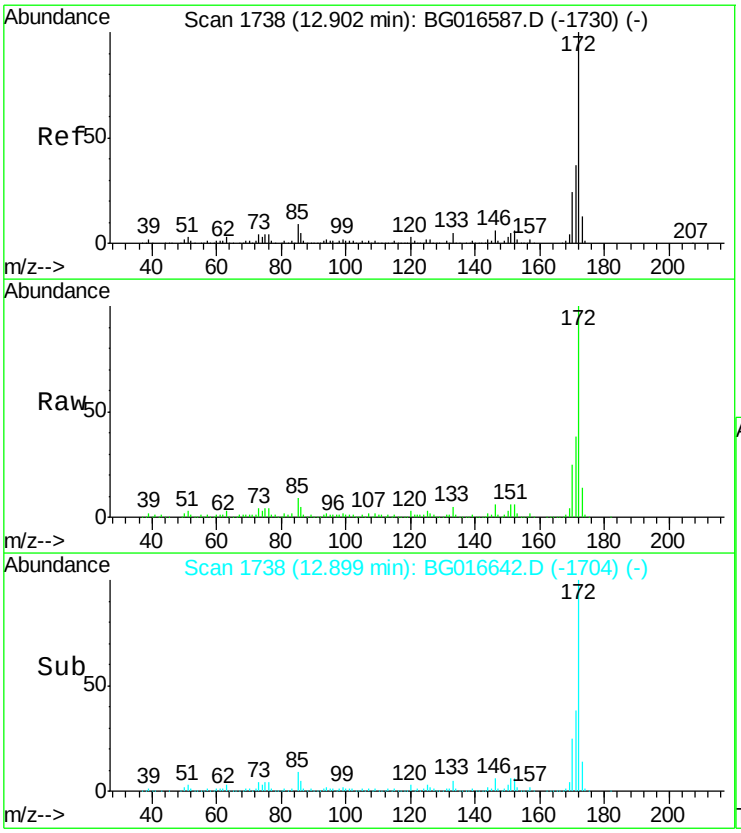
#41
2,4,6-Tribromophenol
Concen: 153.03 ng
RT: 15.78 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
S8-0440

Tgt Ion:330 Resp: 156374

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	114.8
141	56.0	45.9	68.9

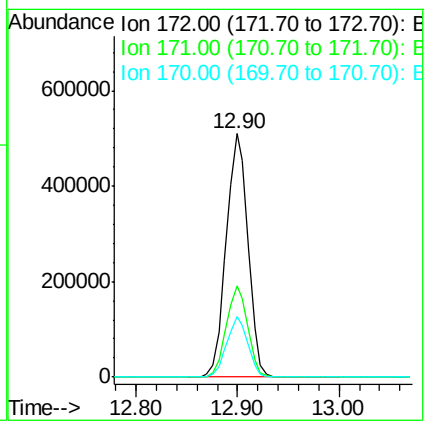


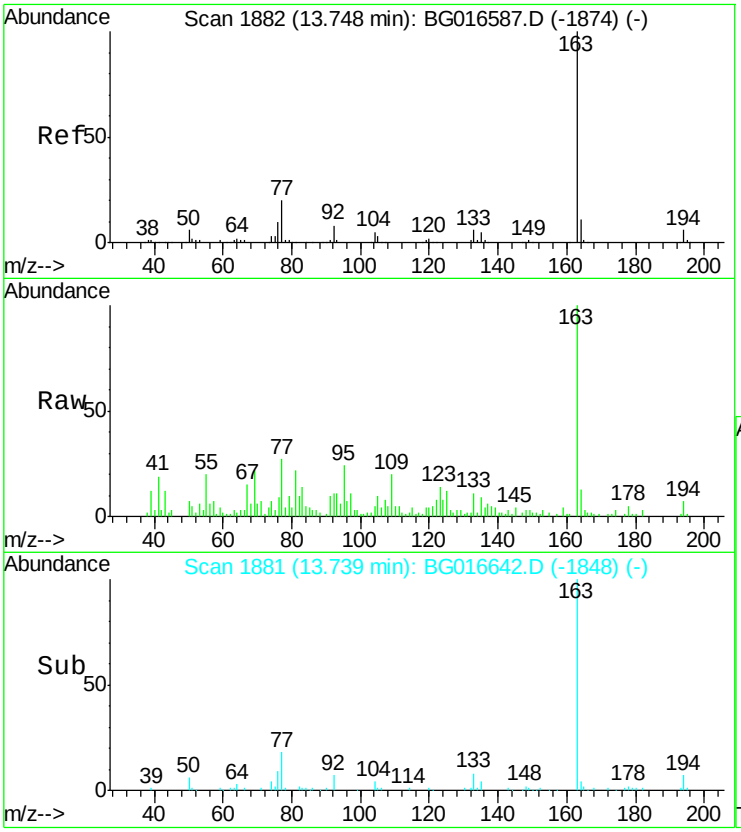


#44
2-Fluorobiphenyl
Concen: 83.49 ng
RT: 12.90 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Tgt Ion:172 Resp: 758473

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.6	44.4
170	25.0	19.4	29.0



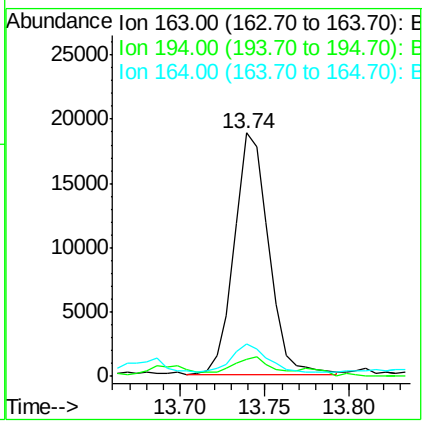


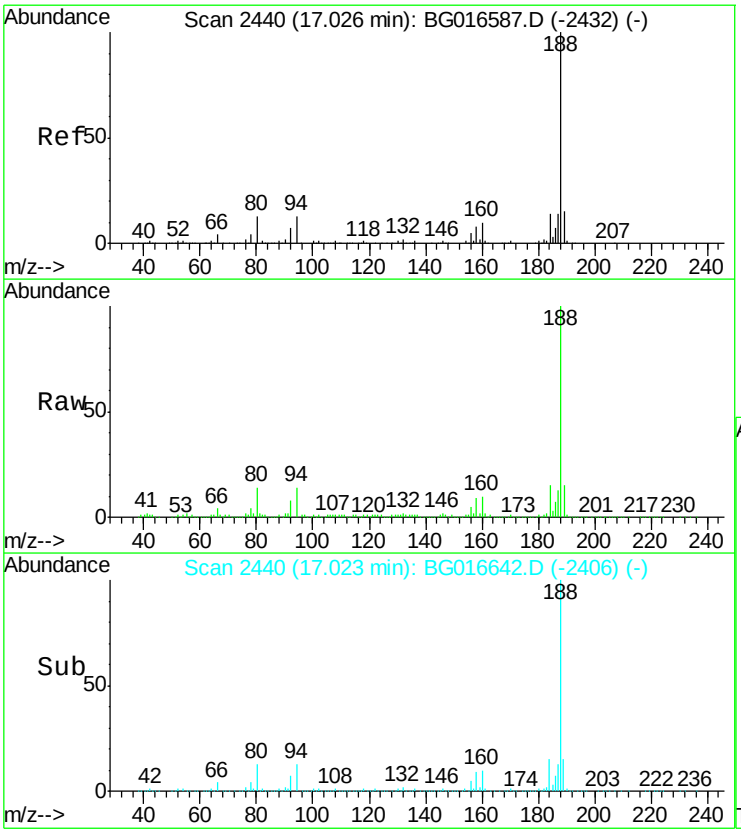
#49
Dimethylphthalate
Concen: 2.38 ng
RT: 13.74 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
S8-0440

Tgt Ion:163 Resp: 26501

Ion	Ratio	Lower	Upper
163	100		
194	7.0	4.9	7.3
164	13.3	8.6	12.8#

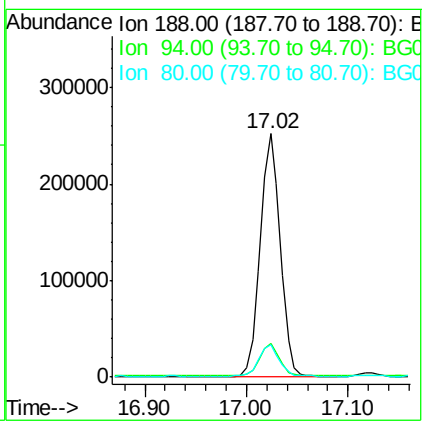


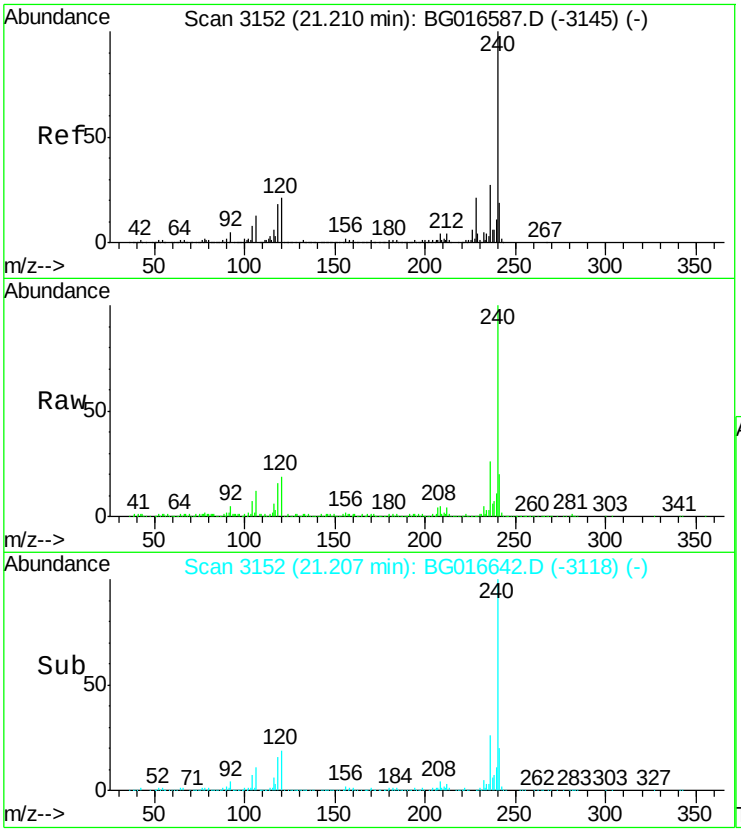


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.02 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Tgt Ion:188 Resp: 344990

Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.5	15.7
80	13.6	10.6	16.0



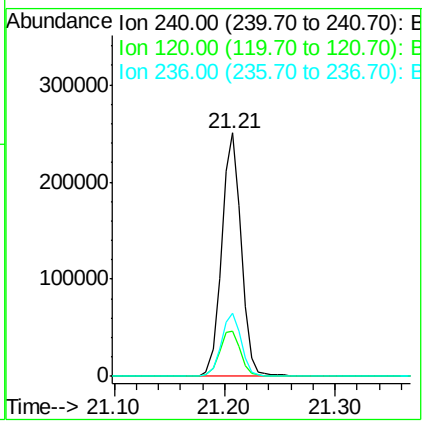


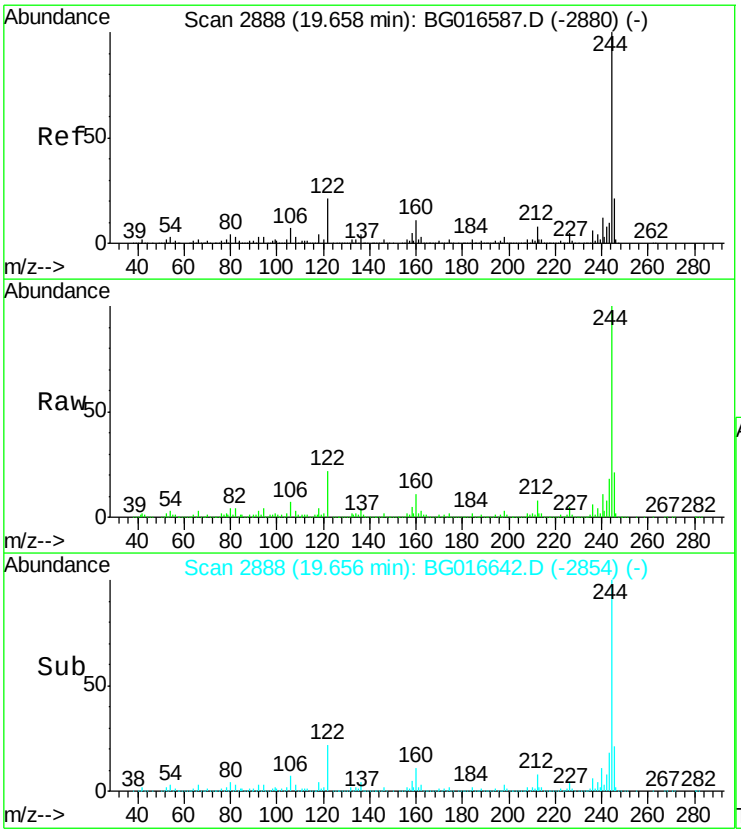
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
S8-0440

Tgt Ion:240 Resp: 308128

Ion	Ratio	Lower	Upper
240	100		
120	18.8	16.7	25.1
236	26.1	21.7	32.5

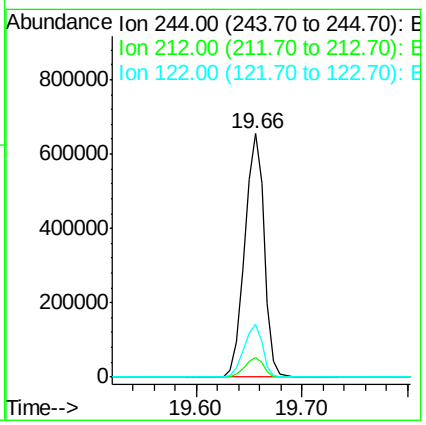


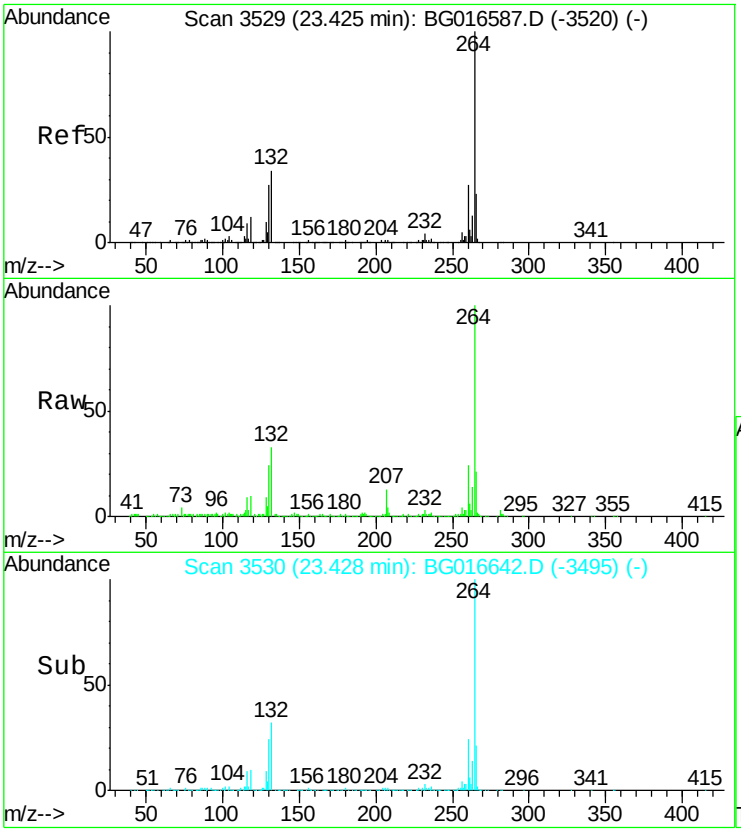


#78
Terphenyl-d14
Concen: 65.30 ng
RT: 19.66 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Tgt Ion:244 Resp: 835135

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.8	10.2
122	21.6	17.0	25.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.43 min Scan# 3530
Delta R.T. 0.01 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
S8-0440

Tgt Ion:264 Resp: 288345

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.4	32.2
265	21.5	18.7	28.1