Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042115\
Data File : BG016612.D
Acq On : 22 Apr 2015 9:43
Operator : TP/IZ
Sample : G1928-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0438

Quant Time: Apr 22 16:01:48 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	71453	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	314191	20.00	ng		0.00
38) Acenaphthene-d10	14.28	164	184838	20.00	ng		0.00
63) Phenanthrene-d10	17.03	188	371021	20.00	ng		0.00
75) Chrysene-d12	21.21	240	319026	20.00	ng		0.00
86) Perylene-d12	23.44	264	308578	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	232518	52.15	ng		0.00
7) Phenol-d6	6.83	99	201902	32.41	ng		0.00
23) Nitrobenzene-d5	8.79	82	364997	71.53	ng		0.00
41) 2,4,6-Tribromophenol	15.78	330	151055	120.32	ng		0.00
44) 2-Fluorobiphenyl	12.90	172	777675	69.68	ng		0.00
78) Terphenyl-d14	19.66	244	728839	55.04	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.47	128	260125	15.86	ng		99
37) 2-Methylnaphthalene	12.09	142	40578	3.46	ng	#	90
49) Dimethylphthalate	13.74	163	41047	3.00	ng	#	92
83) Bis(2-ethylhexyl)phthalate	21.13	149	123044	7.99	ng		97

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

Quantitation Report (QT/LSC Reviewed)

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Acq On : 22 Apr 2015 9:43
Operator : TP/IZ
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Misc :
ALS Vial : 32 Sample Multiplier: 1

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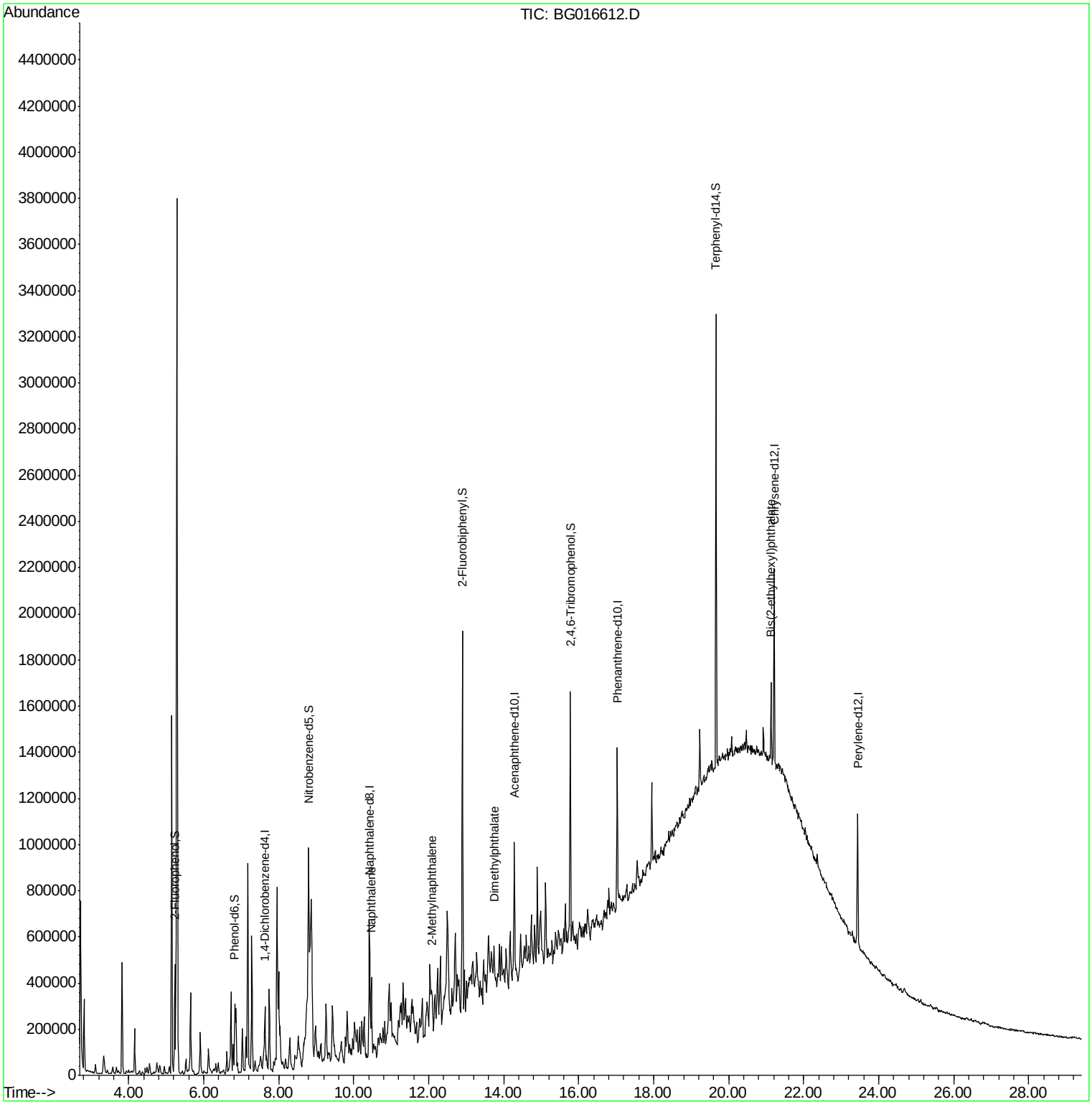
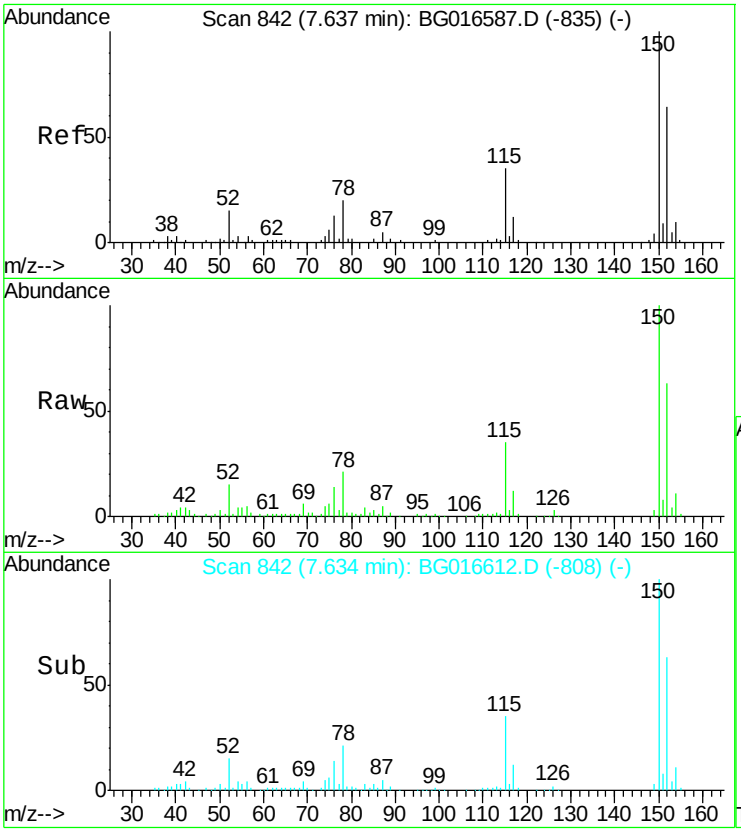


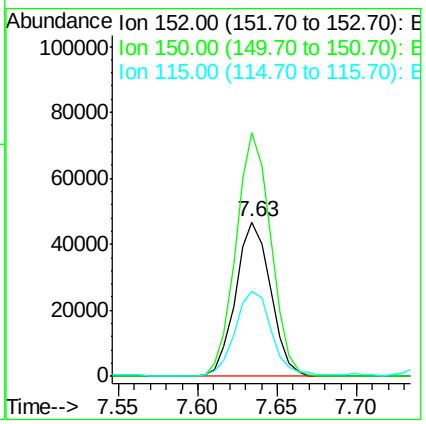


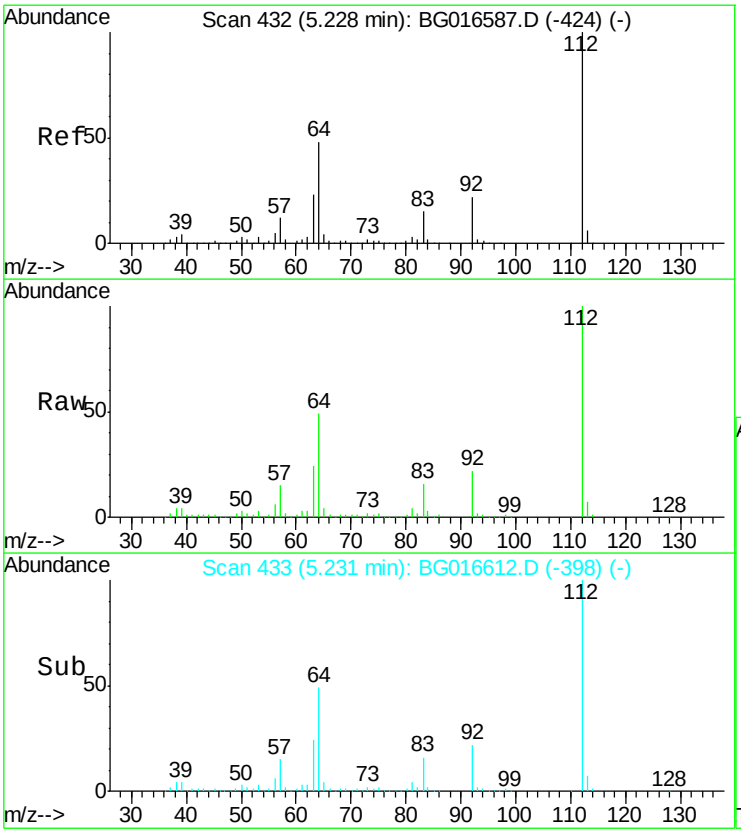
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Instrument :
BNA_G
ClientSampleId :
S8-0438

Tgt Ion:152 Resp: 71453

Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.5	188.3
115	55.3	44.5	66.7

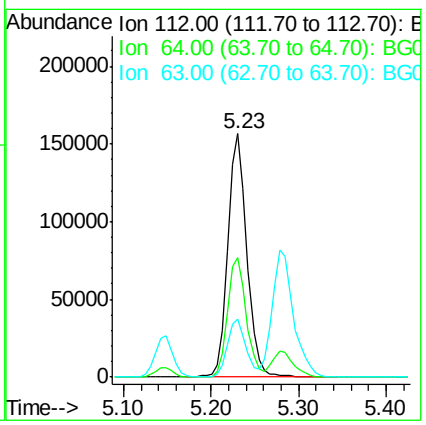


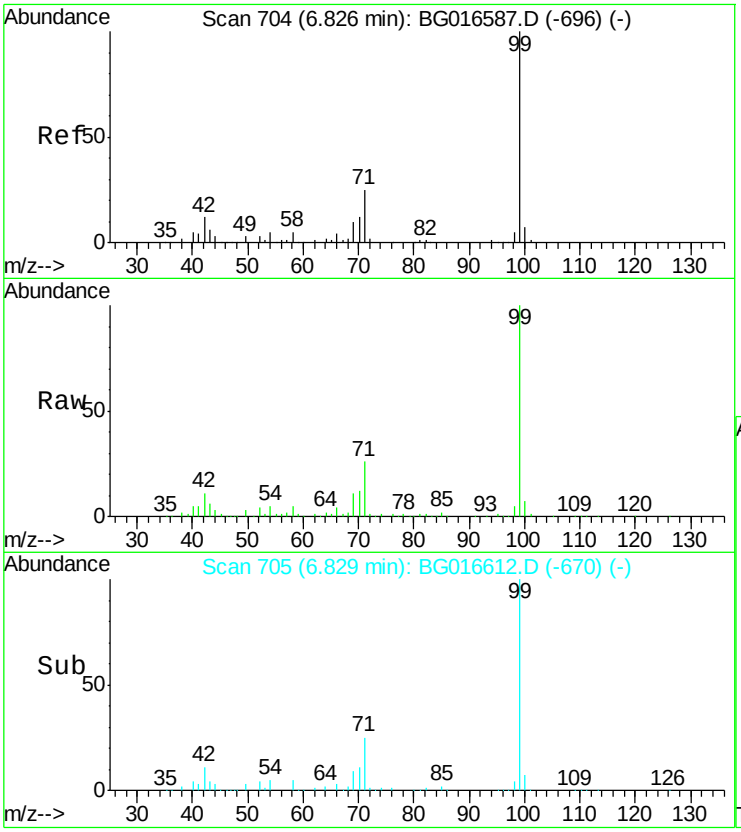


#5
2-Fluorophenol
Concen: 52.15 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Tgt Ion:112 Resp: 232518

Ion	Ratio	Lower	Upper
112	100		
64	48.8	38.5	57.7
63	23.7	18.2	27.4



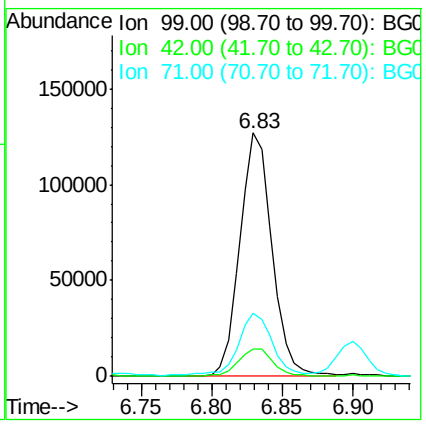


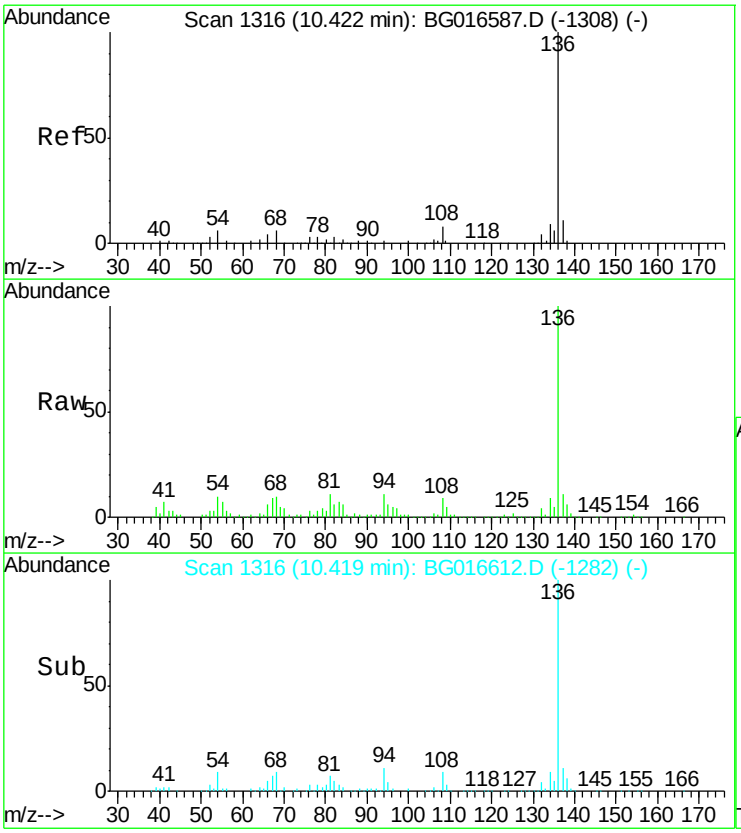
#7
Phenol-d6
Concen: 32.41 ng
RT: 6.83 min Scan# 705
Delta R.T. 0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Instrument :
BNA_G
ClientSampleId :
S8-0438

Tgt Ion: 99 Resp: 201902

Ion	Ratio	Lower	Upper
99	100		
42	11.2	9.5	14.3
71	26.2	20.2	30.2

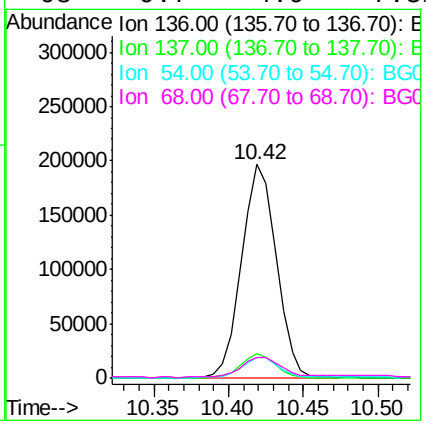


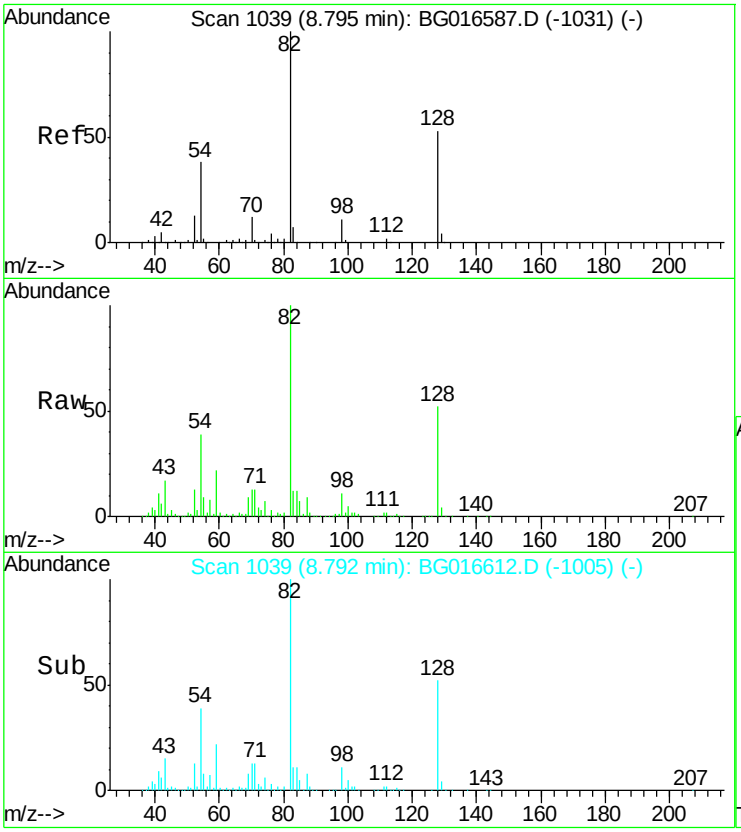


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Tgt Ion:136 Resp: 314191

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.8	4.9	7.3#
68	9.7	4.9	7.3#



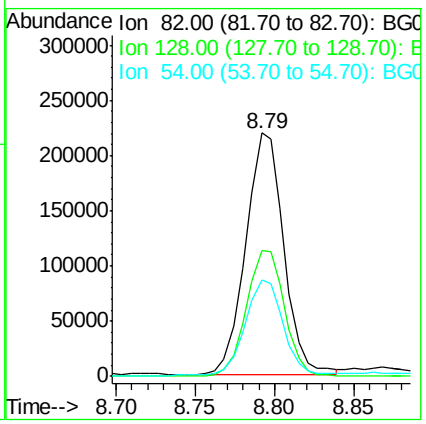


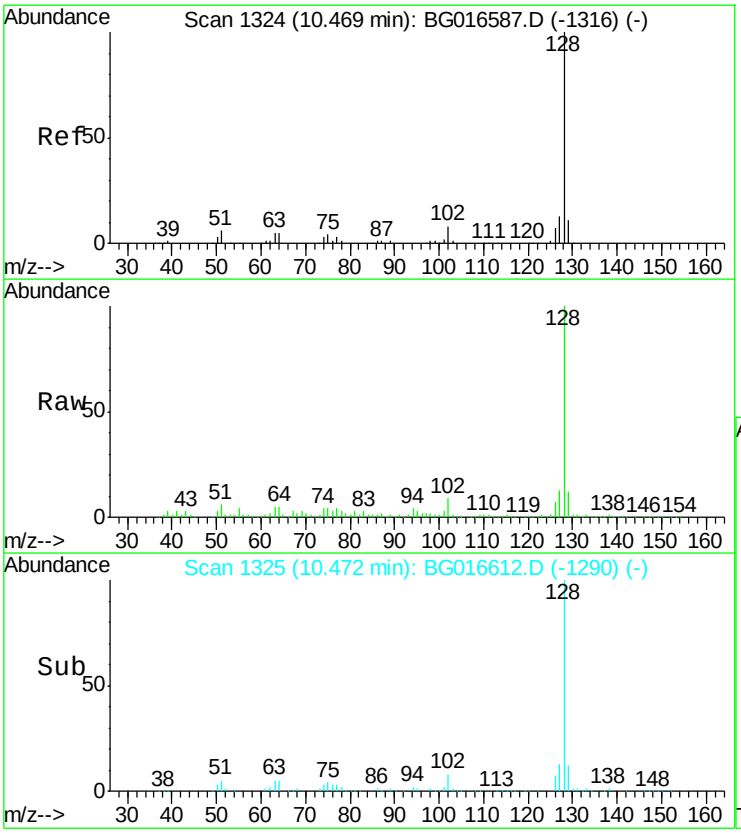
#23
Nitrobenzene-d5
Concen: 71.53 ng
RT: 8.79 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Instrument :
BNA_G
ClientSampleId :
S8-0438

Tgt Ion: 82 Resp: 364997

Ion	Ratio	Lower	Upper
82	100		
128	51.9	42.7	64.1
54	39.3	30.6	45.8

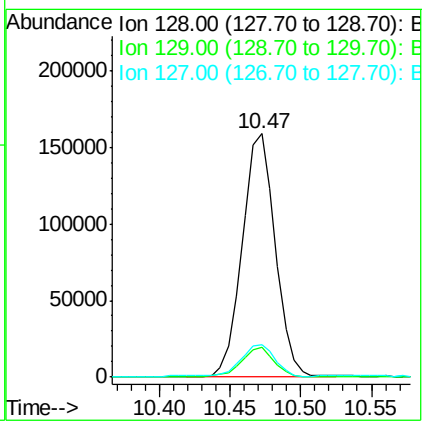


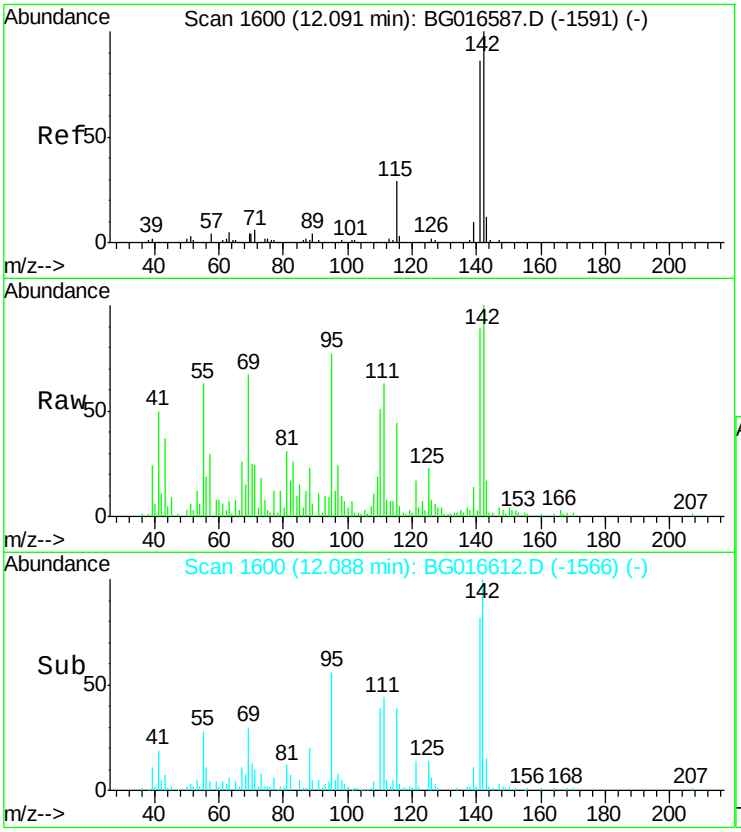


#31
Naphthalene
Concen: 15.86 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Tgt Ion:128 Resp: 260125

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	13.2	10.6	16.0



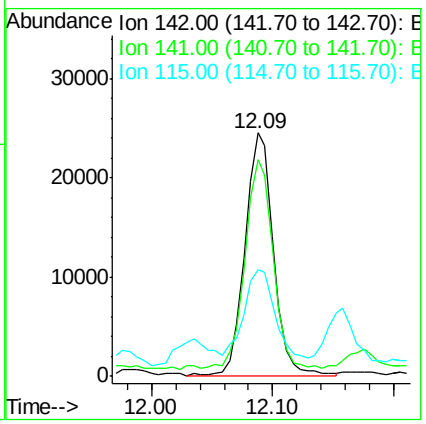


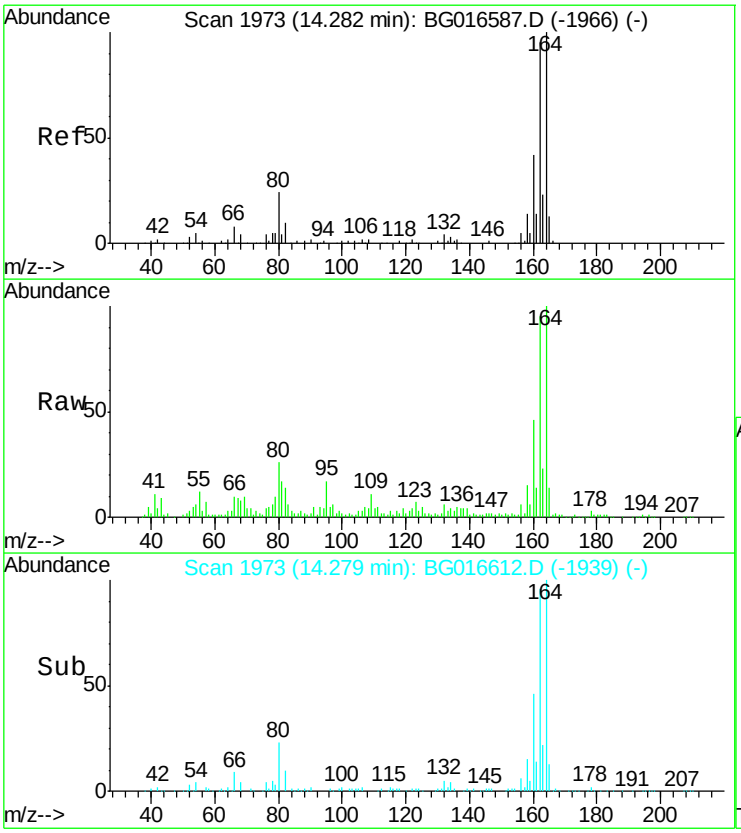
#37
2-Methylnaphthalene
Concen: 3.46 ng
RT: 12.09 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Instrument :
BNA_G
ClientSampleId :
S8-0438

Tgt Ion:142 Resp: 40578

Ion	Ratio	Lower	Upper
142	100		
141	88.8	68.6	102.8
115	43.9	23.3	34.9#

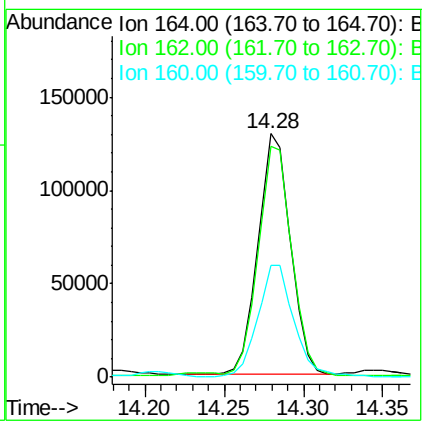


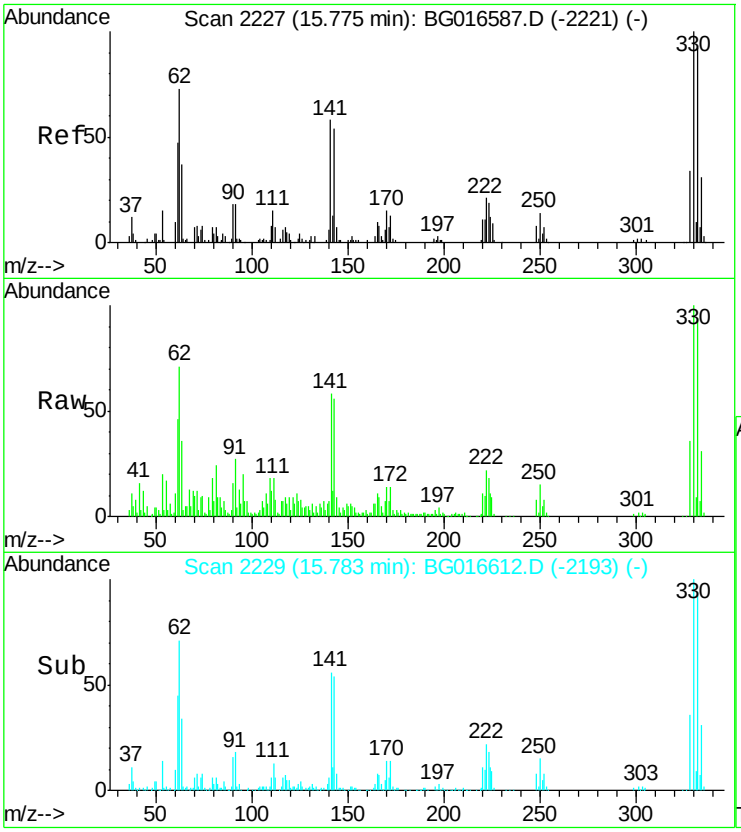


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Tgt Ion:164 Resp: 184838

Ion	Ratio	Lower	Upper
164	100		
162	94.9	75.8	113.6
160	45.9	33.8	50.6



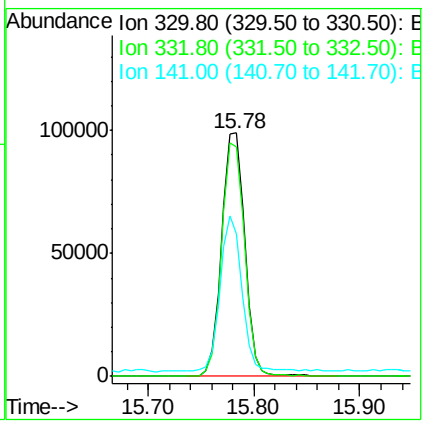


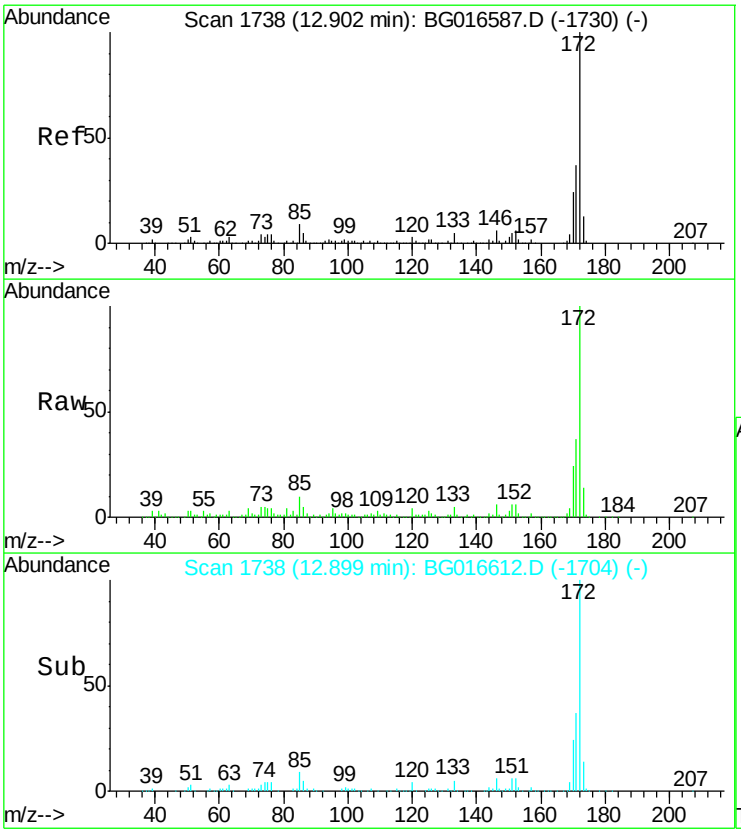
#41
2,4,6-Tribromophenol
Concen: 120.32 ng
RT: 15.78 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Instrument :
BNA_G
ClientSampleId :
S8-0438

Tgt Ion:330 Resp: 151055

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	59.9	45.9	68.9

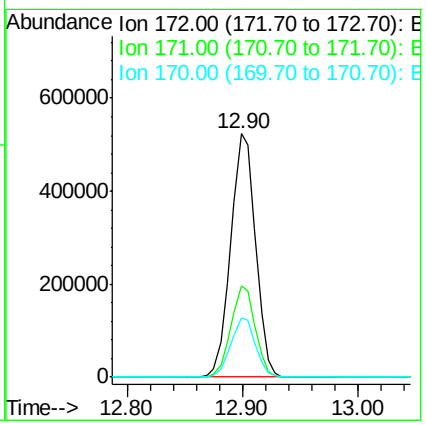


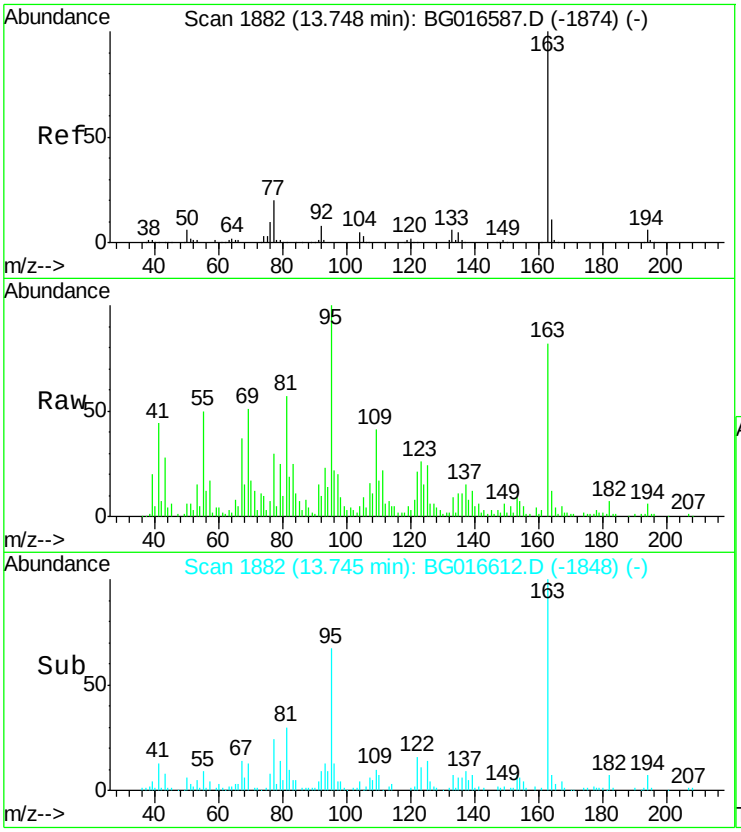


#44
2-Fluorobiphenyl
Concen: 69.68 ng
RT: 12.90 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Tgt Ion:172 Resp: 777675

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	24.1	19.4	29.0



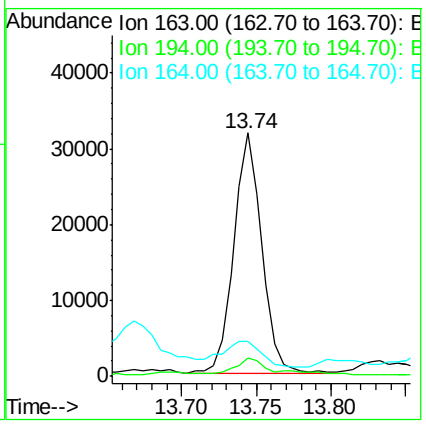


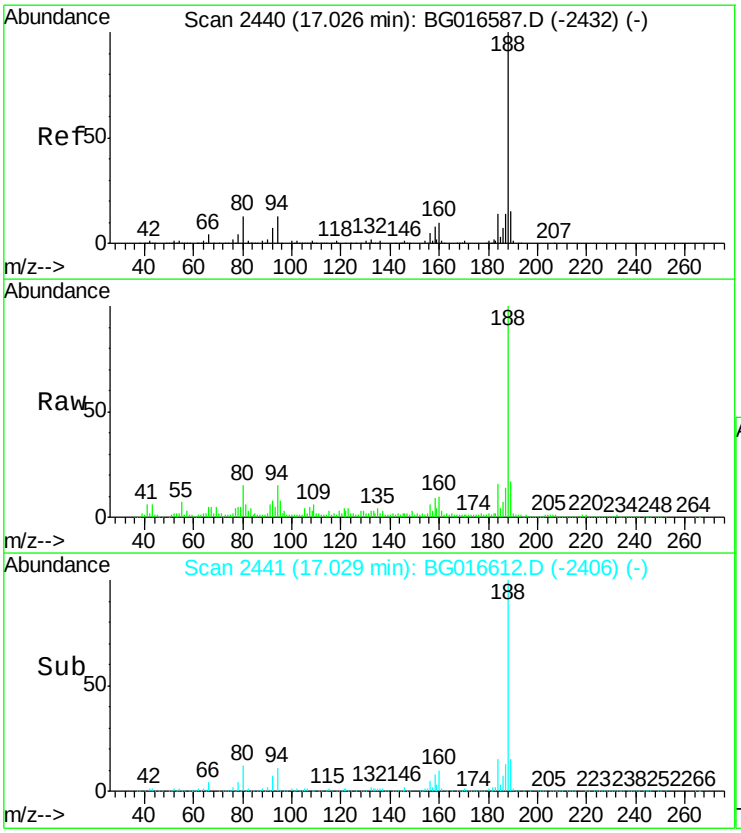
#49
Dimethylphthalate
Concen: 3.00 ng
RT: 13.74 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Instrument :
BNA_G
ClientSampleId :
S8-0438

Tgt Ion:163 Resp: 41047

Ion	Ratio	Lower	Upper
163	100		
194	7.4	4.9	7.3#
164	14.5	8.6	12.8#

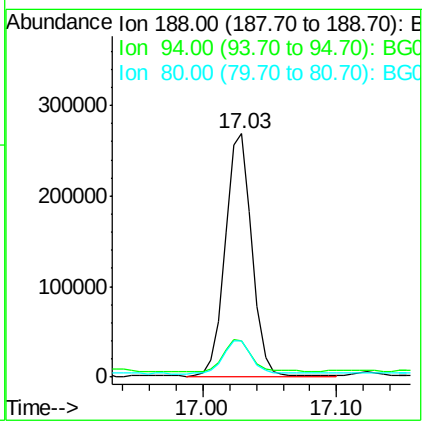


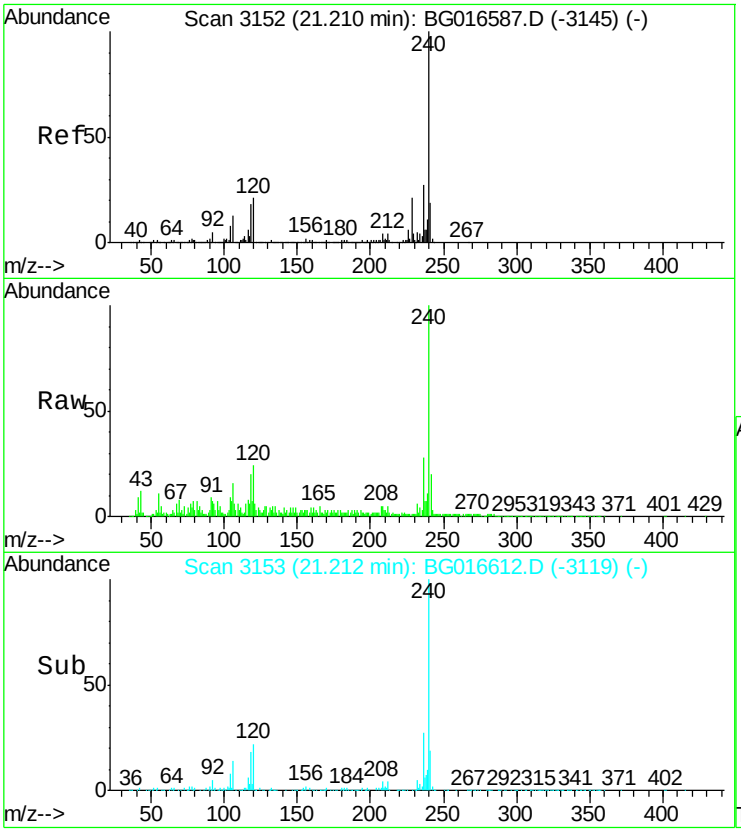


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.03 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Tgt Ion:188 Resp: 371021

Ion	Ratio	Lower	Upper
188	100		
94	14.8	10.5	15.7
80	14.9	10.6	16.0



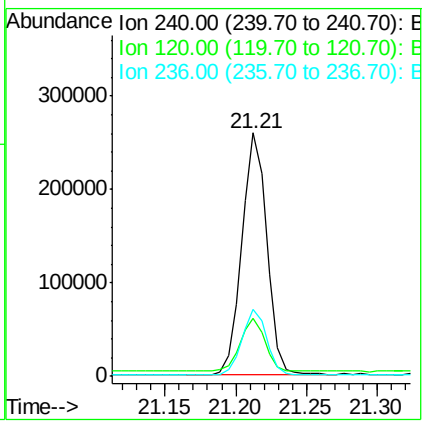


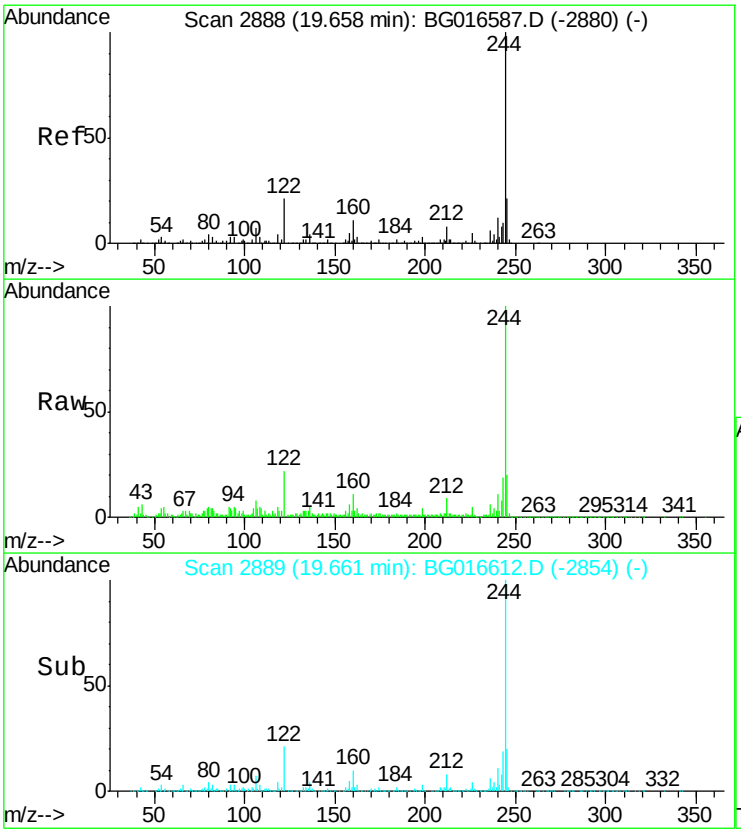
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Instrument :
BNA_G
ClientSampleId :
S8-0438

Tgt Ion:240 Resp: 319026

Ion	Ratio	Lower	Upper
240	100		
120	23.7	16.7	25.1
236	27.7	21.7	32.5

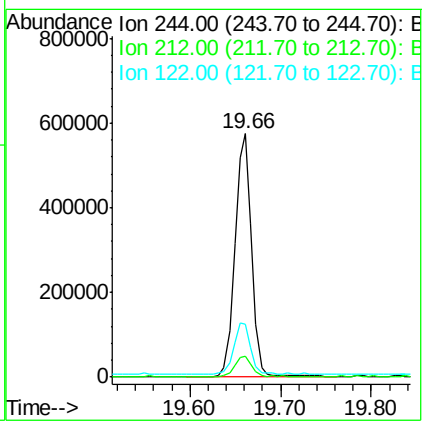


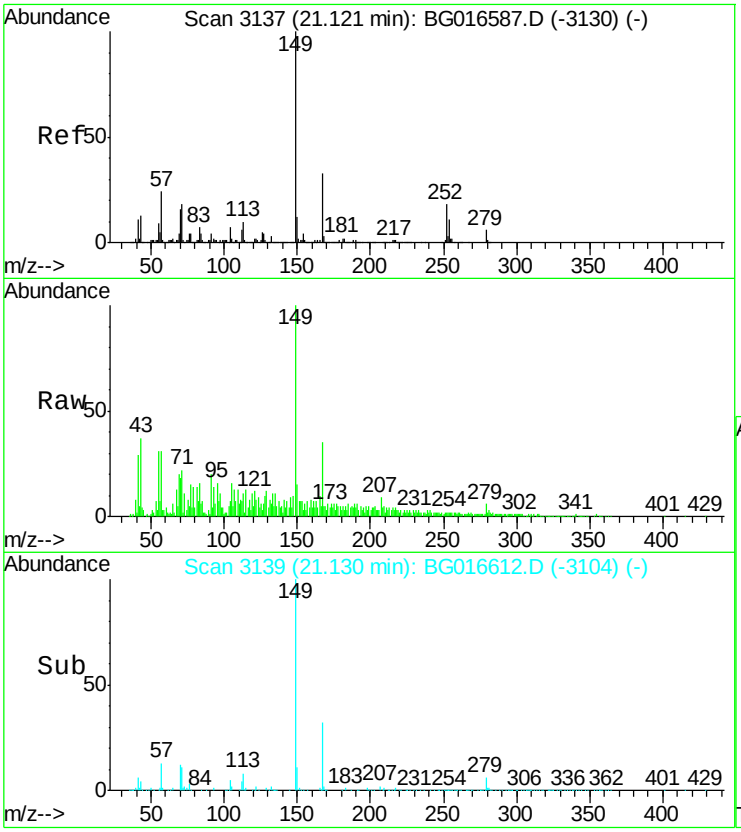


#78
Terphenyl-d14
Concen: 55.04 ng
RT: 19.66 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Tgt Ion:244 Resp: 728839

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.8	10.2
122	21.9	17.0	25.6



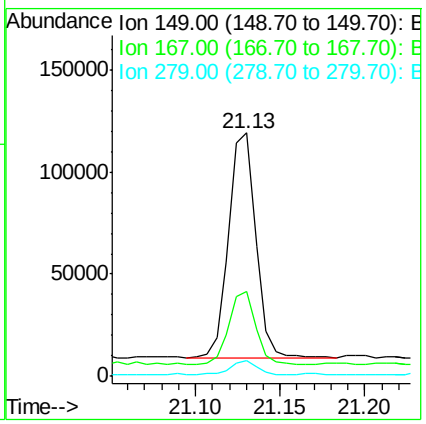


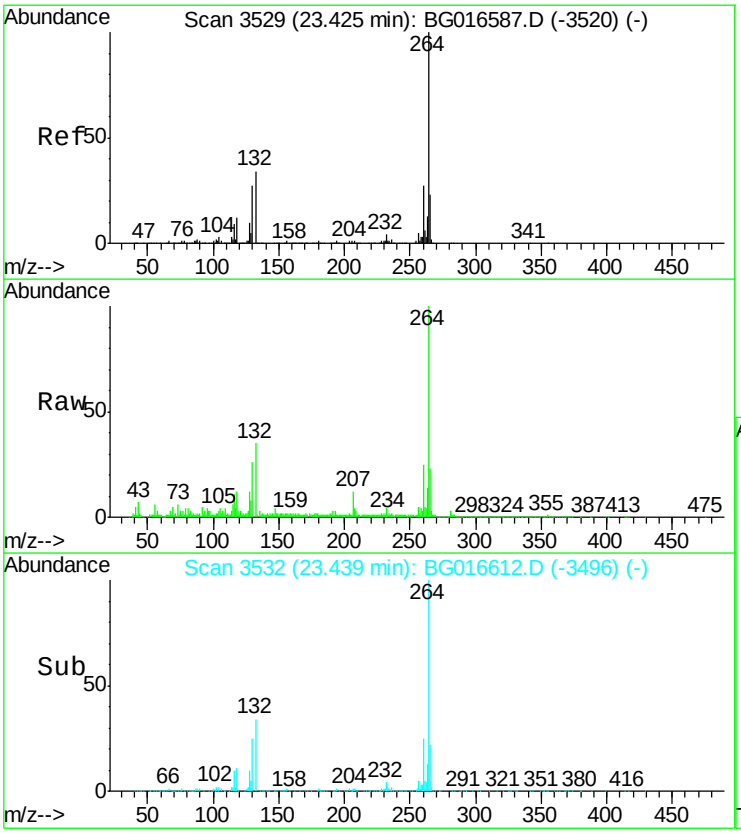
#83
Bis(2-ethylhexyl)phthalate
Concen: 7.99 ng
RT: 21.13 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Instrument :
BNA_G
ClientSampleId :
S8-0438

Tgt Ion:149 Resp: 123044

Ion	Ratio	Lower	Upper
149	100		
167	34.8	26.5	39.7
279	6.3	4.5	6.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.44 min Scan# 3532
Delta R.T. 0.01 min
Lab File: BG016612.D
Acq: 22 Apr 2015 9:43

Tgt Ion:264 Resp: 308578

Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.4	32.2
265	23.0	18.7	28.1