Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050715\
Data File : BG016939.D
Acq On : 8 May 2015 2:27
Operator : TP/IZ
Sample : G2084-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4

Quant Time: May 08 05:20:28 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 04:04:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	69458	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	302548	20.00	ng	0.00
38) Acenaphthene-d10	14.43	164	192292	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	436313	20.00	ng	0.00
75) Chrysene-d12	21.36	240	445532	20.00	ng	0.00
86) Perylene-d12	23.66	264	441653	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	618581	155.07	ng	0.00
7) Phenol-d6	6.97	99	846465	148.53	ng	0.00
23) Nitrobenzene-d5	8.96	82	571093	92.21	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	299927	155.37	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1012711	79.47	ng	0.00
78) Terphenyl-d14	19.81	244	1536683	80.86	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.64	128	308744	20.52	ng	98
37) 2-Methylnaphthalene	12.25	142	25772	2.25	ng	91
49) Dimethylphthalate	13.89	163	84458	5.88	ng	99

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

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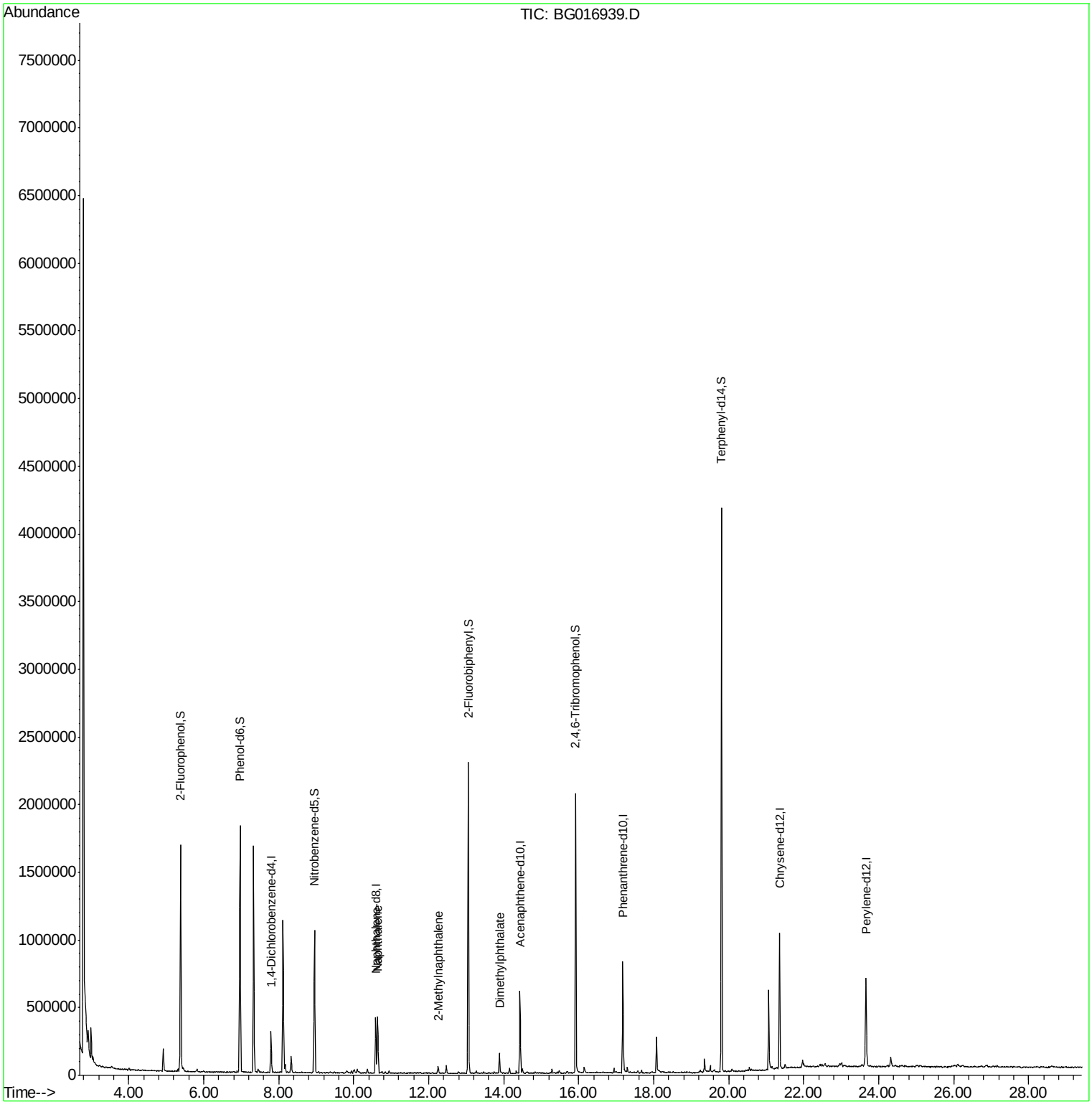
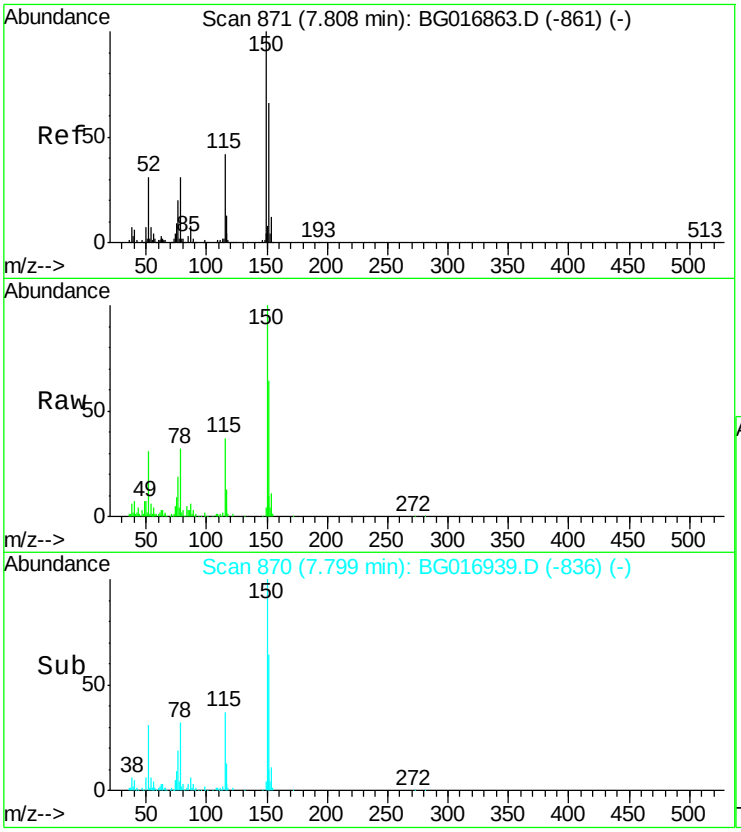


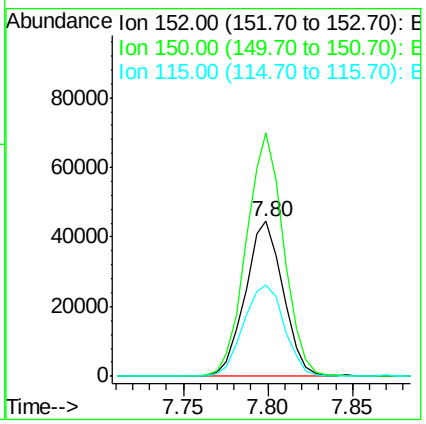


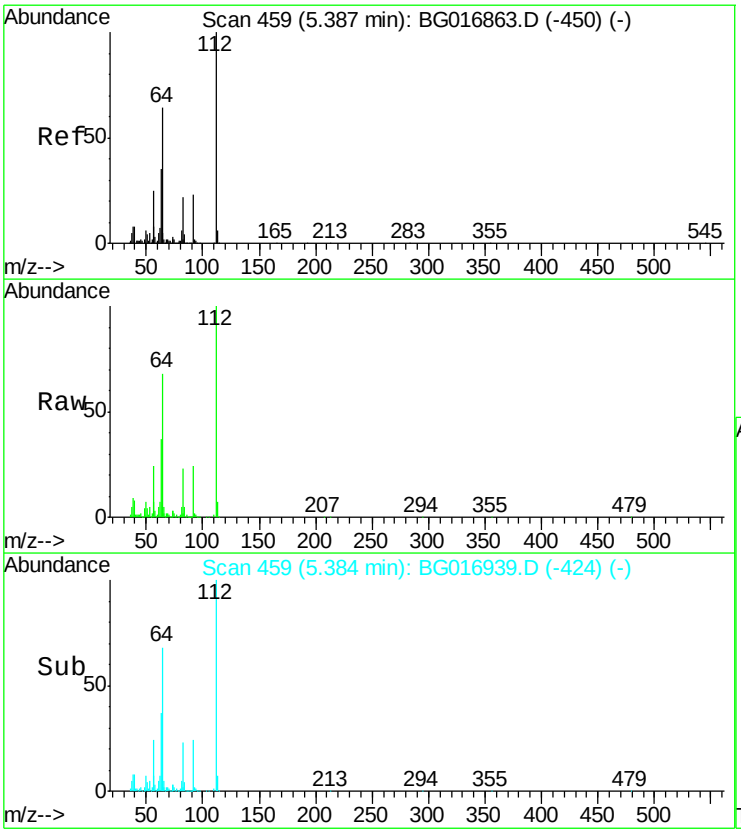
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. 0.00 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Instrument :
BNA_G
ClientSampleId :
4

Tgt Ion:152 Resp: 69458

Ion	Ratio	Lower	Upper
152	100		
150	157.3	121.0	181.4
115	58.7	50.5	75.7

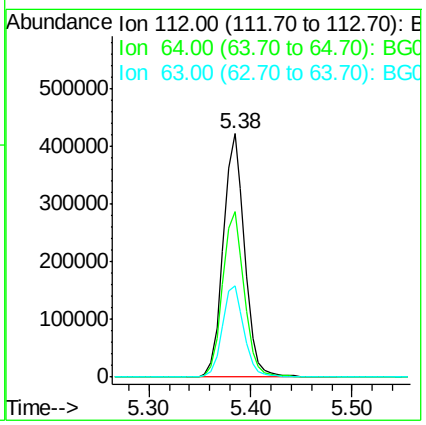


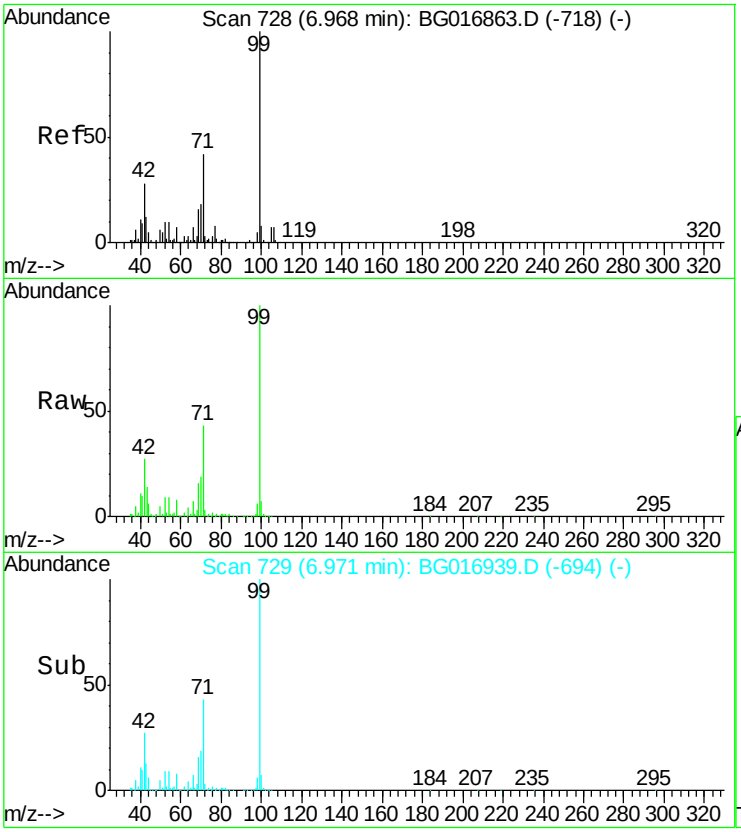


#5
2-Fluorophenol
Concen: 155.07 ng
RT: 5.38 min Scan# 459
Delta R.T. 0.01 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Tgt Ion:112 Resp: 618581

Ion	Ratio	Lower	Upper
112	100		
64	68.0	51.4	77.2
63	37.4	28.1	42.1



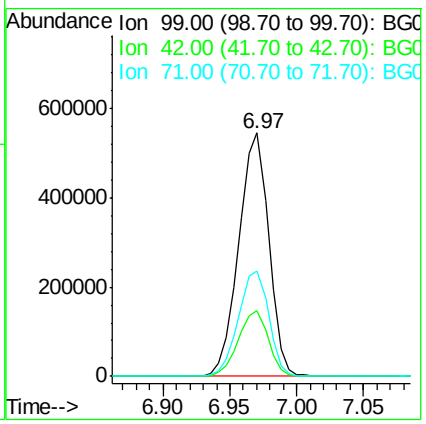


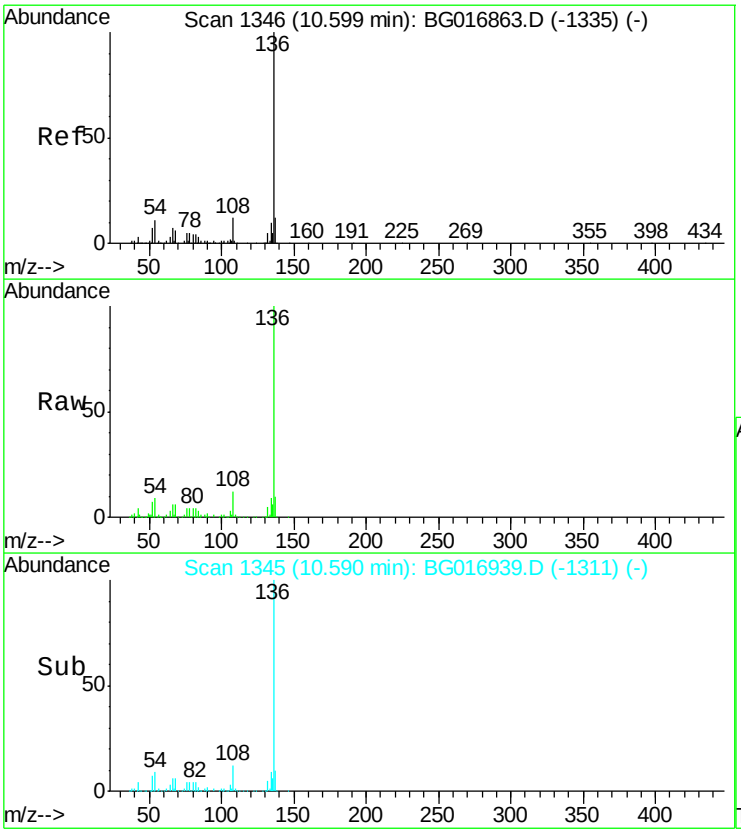
#7
Phenol-d6
Concen: 148.53 ng
RT: 6.97 min Scan# 729
Delta R.T. 0.01 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Instrument :
BNA_G
ClientSampleId :
4

Tgt Ion: 99 Resp: 846465

Ion	Ratio	Lower	Upper
99	100		
42	27.2	22.1	33.1
71	43.1	33.4	50.0

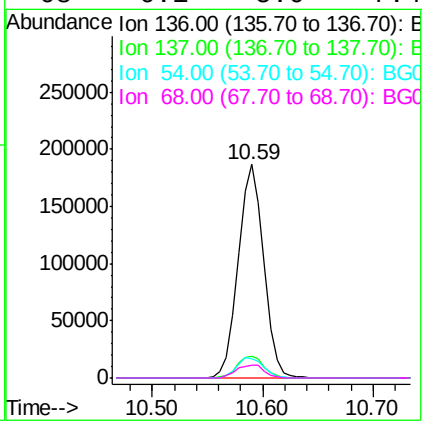


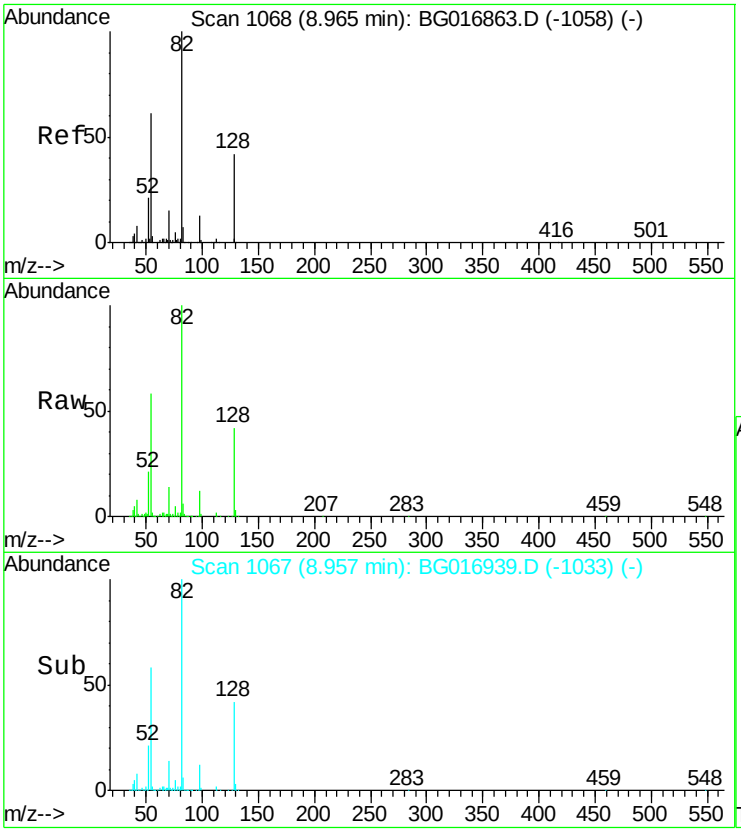


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Tgt Ion:136 Resp: 302548

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.8
54	9.0	8.7	13.1
68	6.1	5.0	7.4



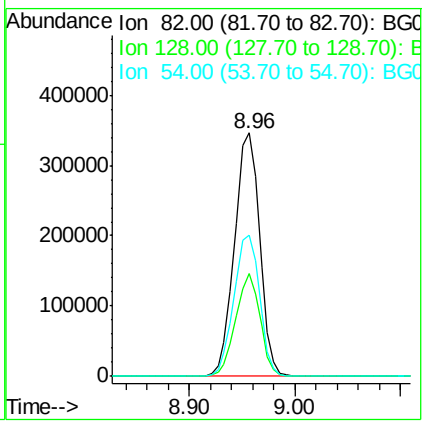


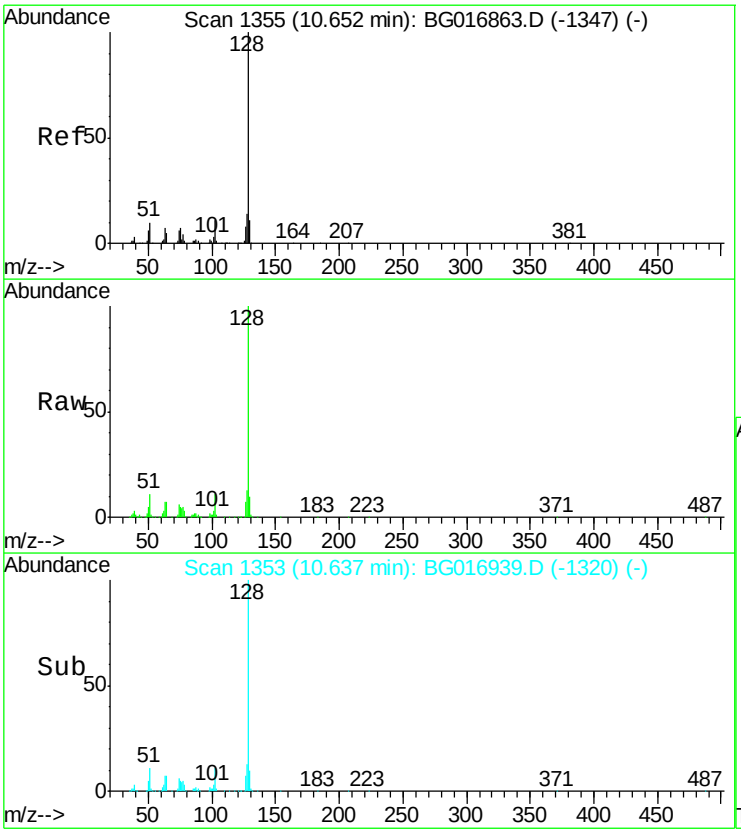
#23
Nitrobenzene-d5
Concen: 92.21 ng
RT: 8.96 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Instrument :
BNA_G
ClientSampleId :
4

Tgt Ion: 82 Resp: 571093

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.2	49.8
54	57.9	48.6	72.8

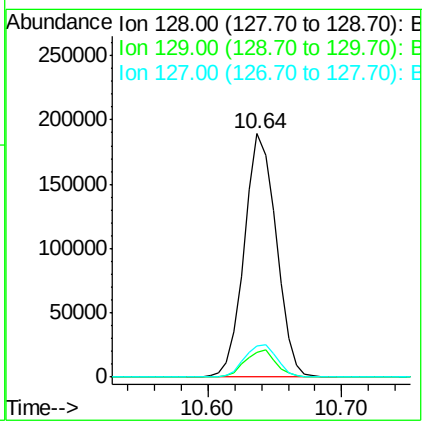


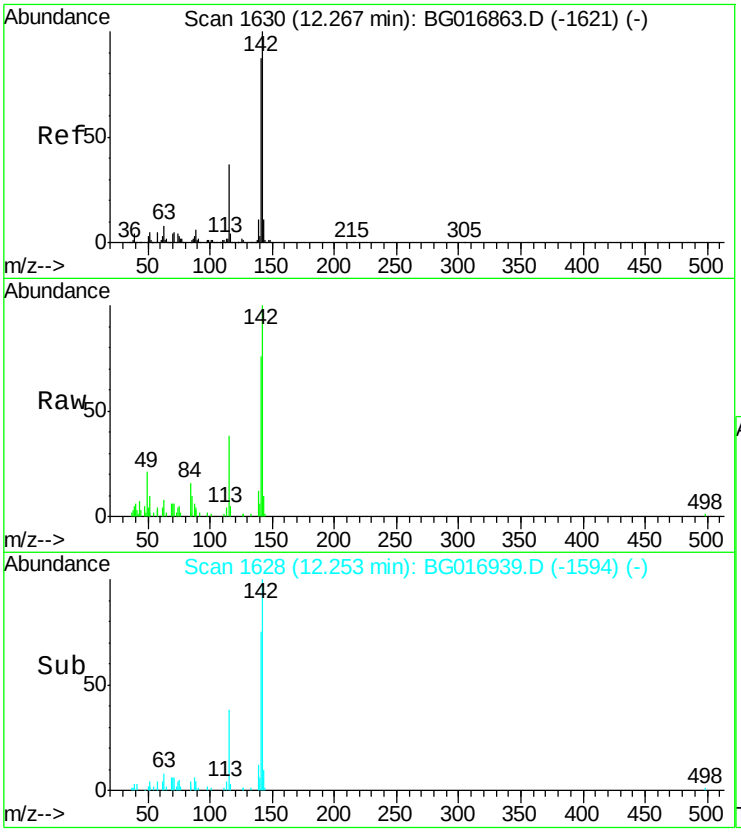


#31
Naphthalene
Concen: 20.52 ng
RT: 10.64 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Tgt Ion:128 Resp: 308744

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.1	13.7
127	13.0	10.9	16.3



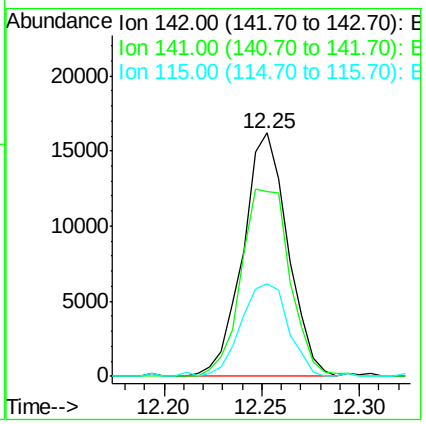


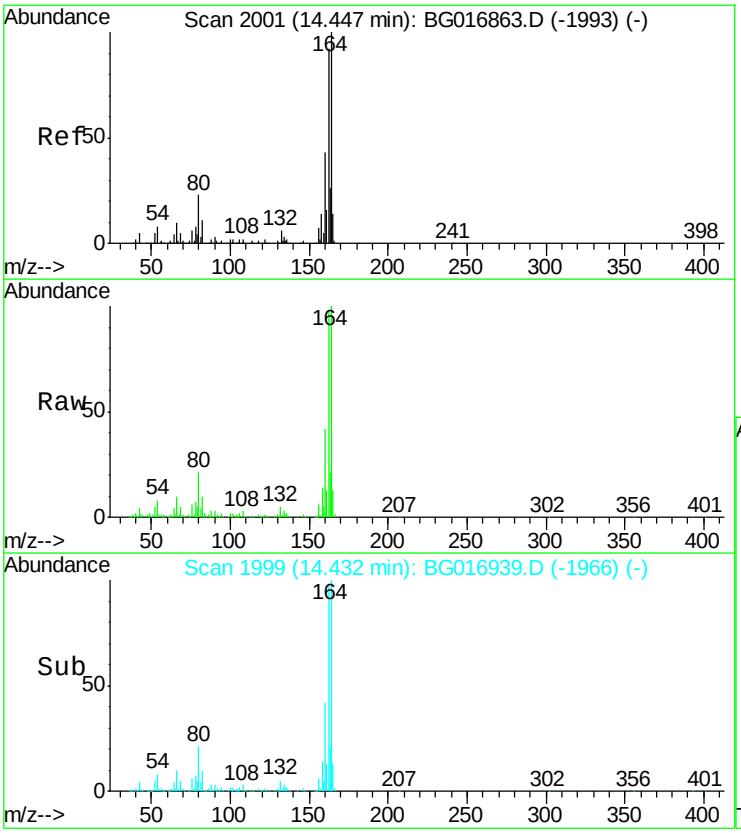
#37
2-Methylnaphthalene
Concen: 2.25 ng
RT: 12.25 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Instrument :
BNA_G
ClientSampleId :
4

Tgt Ion:142 Resp: 25772

Ion	Ratio	Lower	Upper
142	100		
141	75.9	69.9	104.9
115	37.8	29.8	44.8

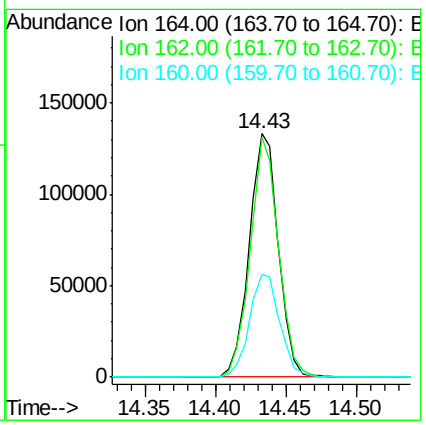


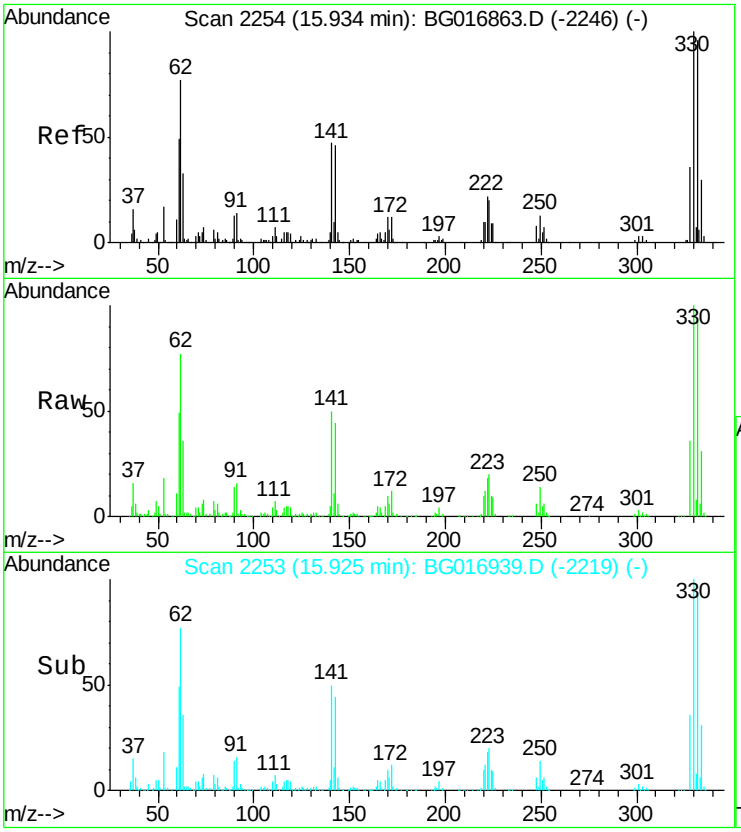


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Tgt Ion:164 Resp: 192292

Ion	Ratio	Lower	Upper
164	100		
162	98.5	74.0	111.0
160	42.1	34.7	52.1



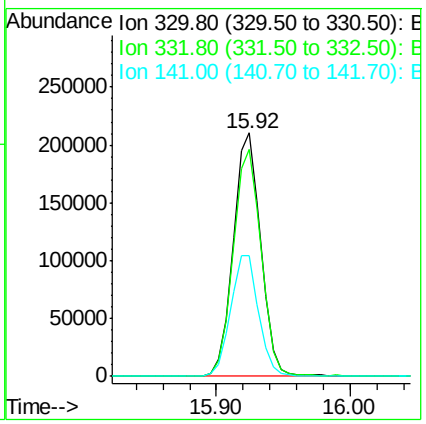


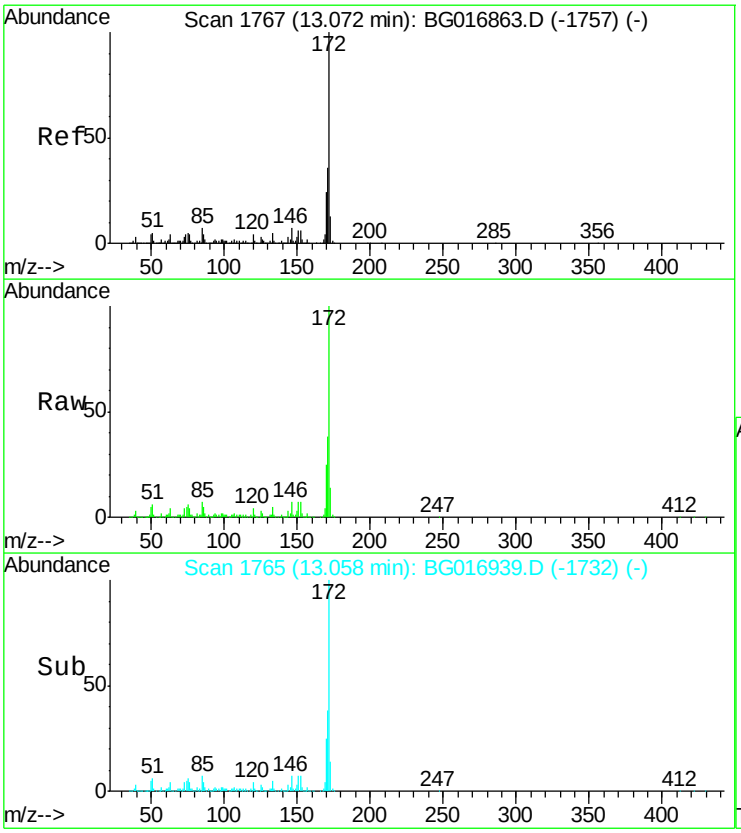
#41
2,4,6-Tribromophenol
Concen: 155.37 ng
RT: 15.92 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Instrument :
BNA_G
ClientSampleId :
4

Tgt Ion:330 Resp: 299927

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	51.3	0.0	0.0#

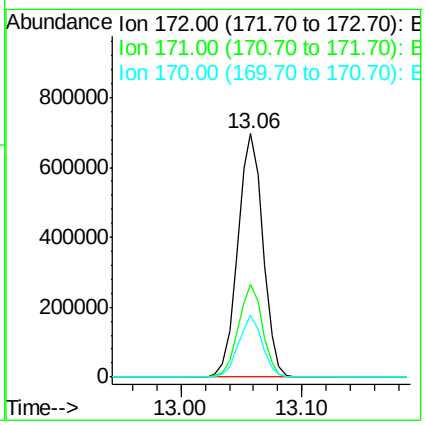


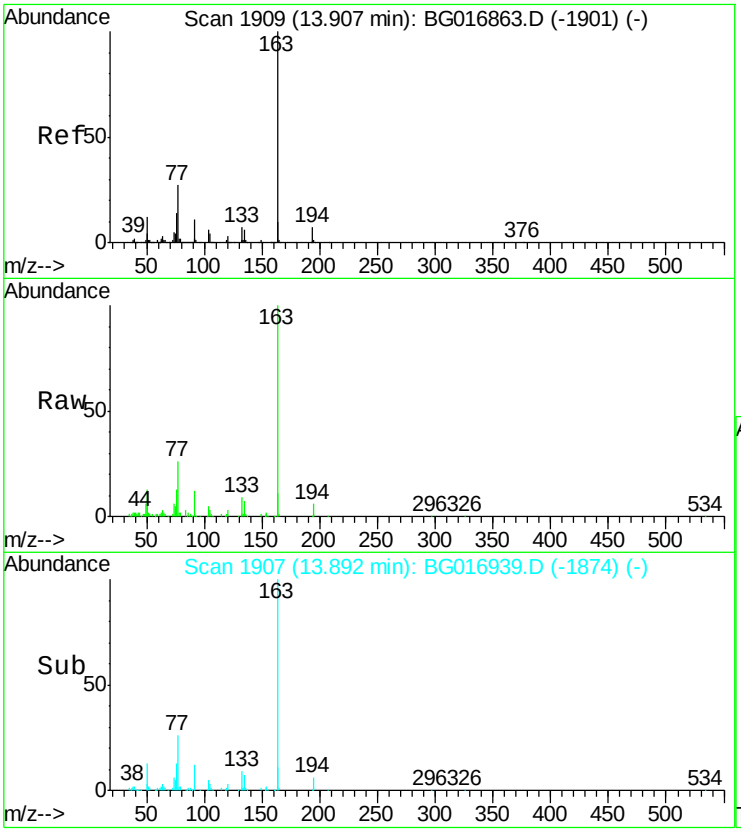


#44
2-Fluorobiphenyl
Concen: 79.47 ng
RT: 13.06 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Tgt Ion:172 Resp: 1012711

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.0	43.4
170	25.2	19.0	28.4



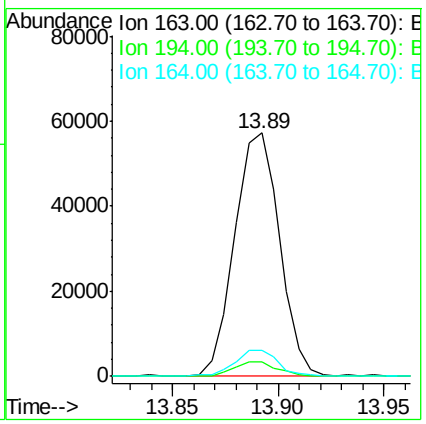


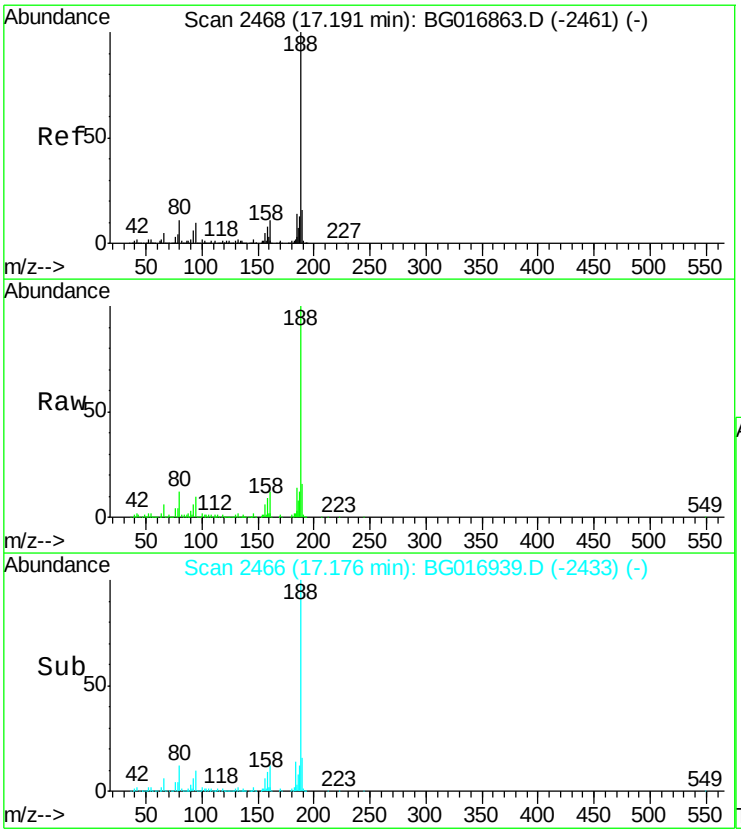
#49
Dimethylphthalate
Concen: 5.88 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Instrument :
BNA_G
ClientSampleId :
4

Tgt Ion:163 Resp: 84458

Ion	Ratio	Lower	Upper
163	100		
194	6.2	5.2	7.8
164	10.9	8.4	12.6

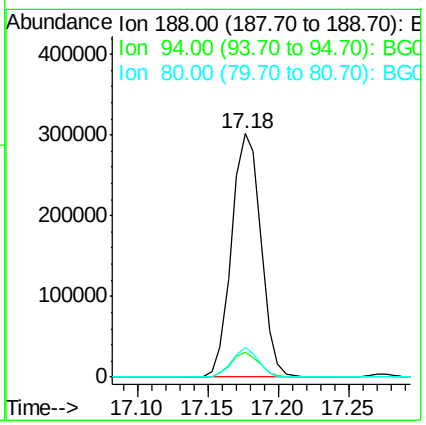


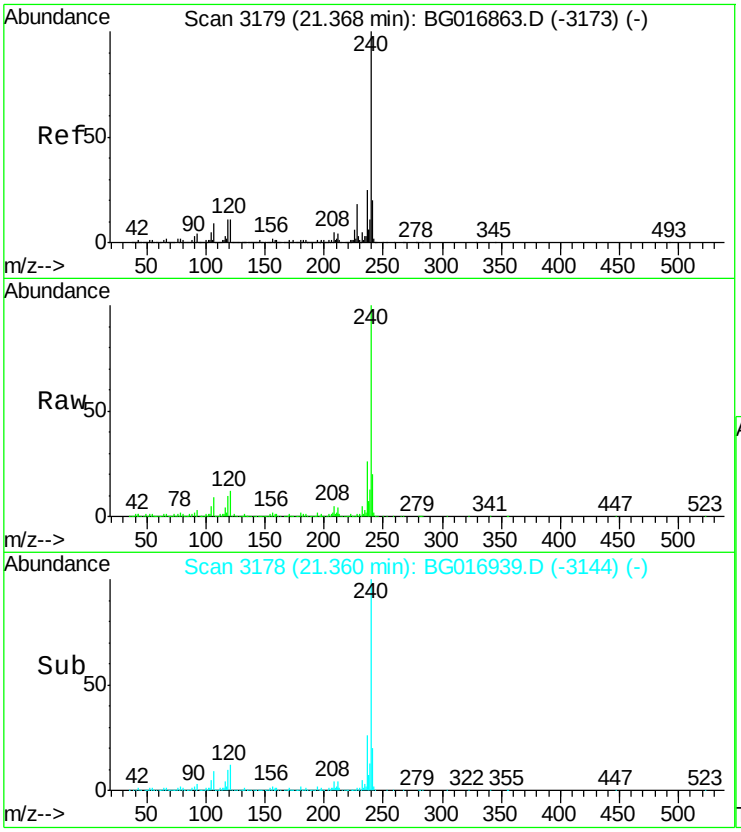


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Tgt Ion:188 Resp: 436313

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.4
80	12.3	8.8	13.2



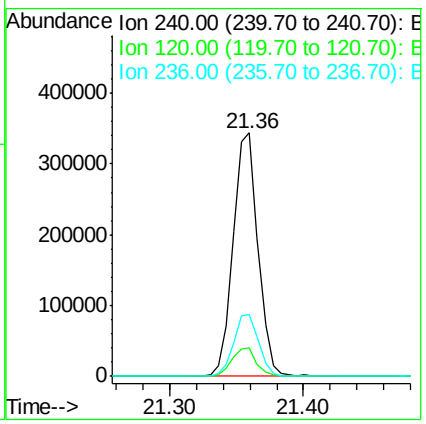


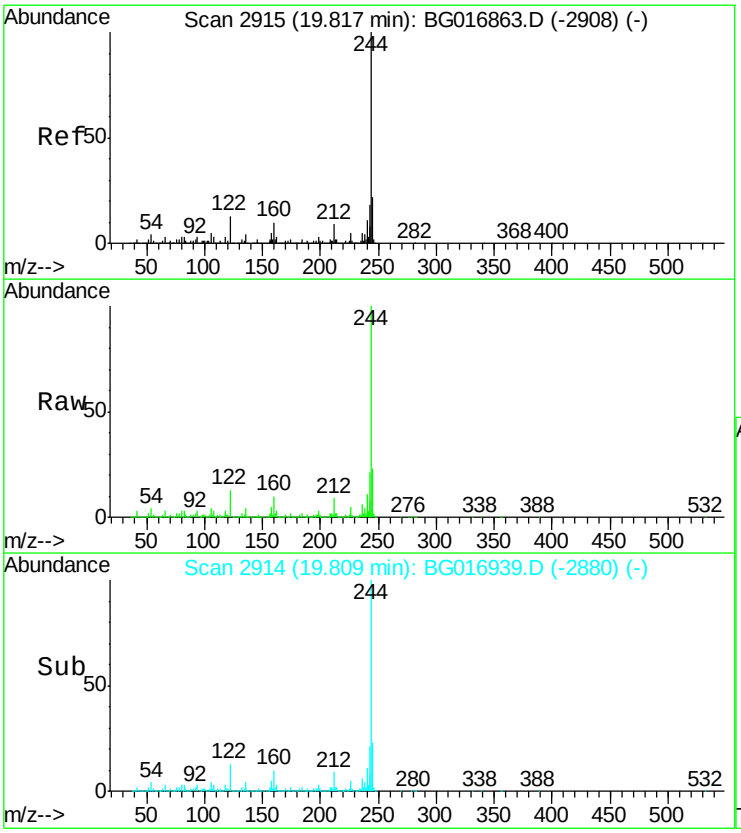
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3178
Delta R.T. 0.00 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Instrument :
BNA_G
ClientSampleId :
4

Tgt Ion:240 Resp: 445532

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.1	13.7
236	25.5	20.2	30.4

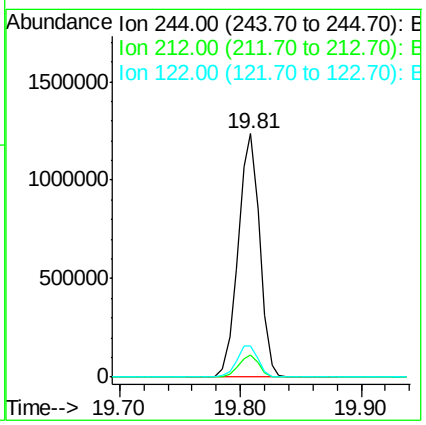


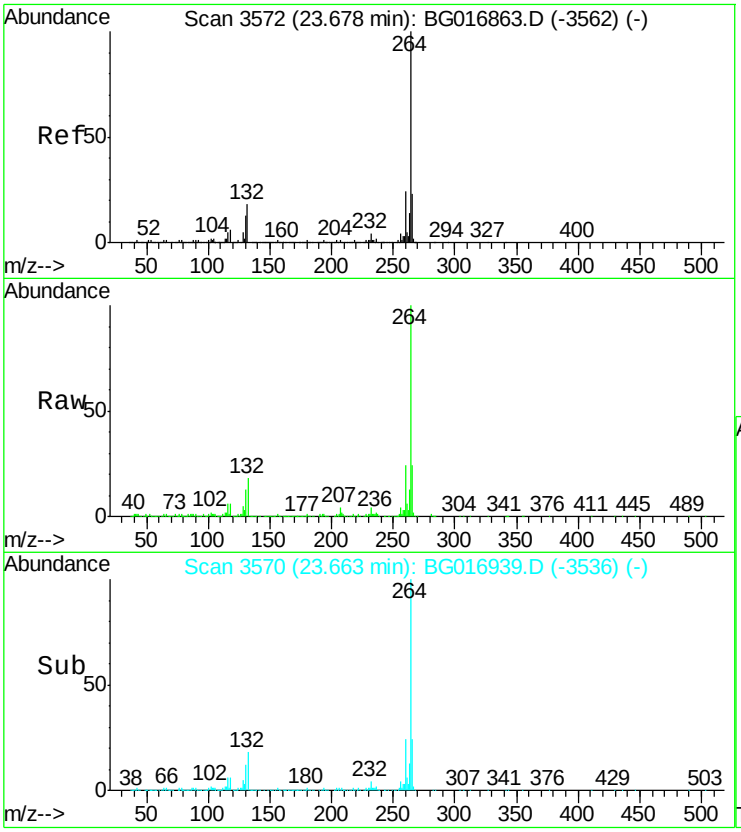


#78
Terphenyl-d14
Concen: 80.86 ng
RT: 19.81 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Tgt Ion:244 Resp: 1536683

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	12.7	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.66 min Scan# 3570
Delta R.T. 0.00 min
Lab File: BG016939.D
Acq: 8 May 2015 2:27

Instrument :
BNA_G
ClientSampleId :
4

Tgt Ion:264 Resp: 441653

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	23.6	18.5	27.7