Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102716\
Data File : BG024531.D
Acq On : 27 Oct 2016 21:30
Operator : UM/SJ
Sample : H5432-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-1

Quant Time: Oct 28 02:15:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	128371	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	497535	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	361146	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	785535	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1024188	20.00	ng		0.00
86) Perylene-d12	25.36	264	1114896	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	289366	36.95	ng		0.00
7) Phenol-d6	7.41	99	247893	23.07	ng		0.00
23) Nitrobenzene-d5	9.45	82	1218297	111.49	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	454762	84.29	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	2278350	104.86	ng		0.00
78) Terphenyl-d14	20.21	244	3195316	93.22	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.43	94	22210	2.01	ng		84
22) Acetophenone	9.10	105	90121	7.05	ng		92
49) Dimethylphthalate	14.32	163	74334	2.90	ng	#	93

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

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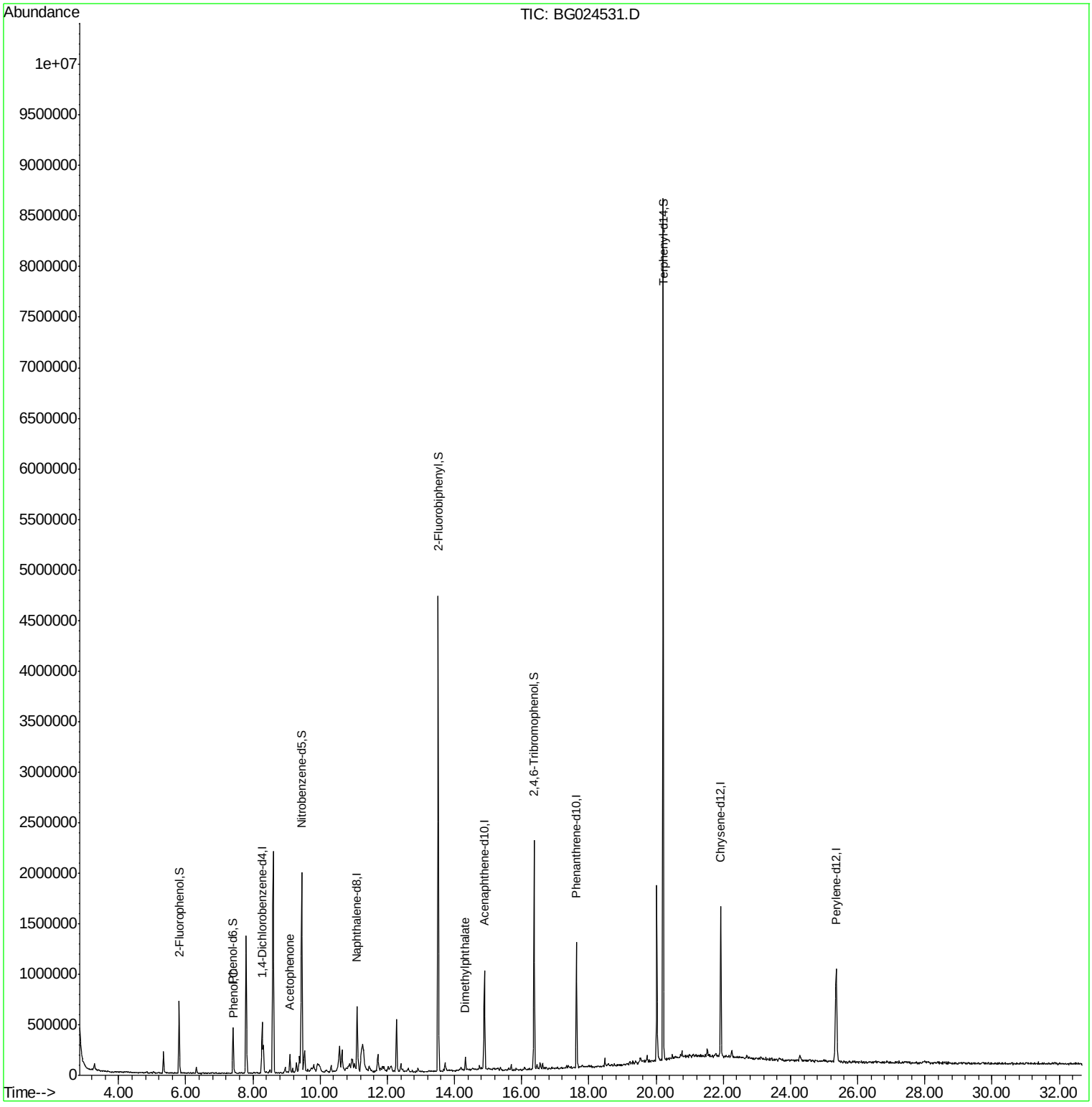
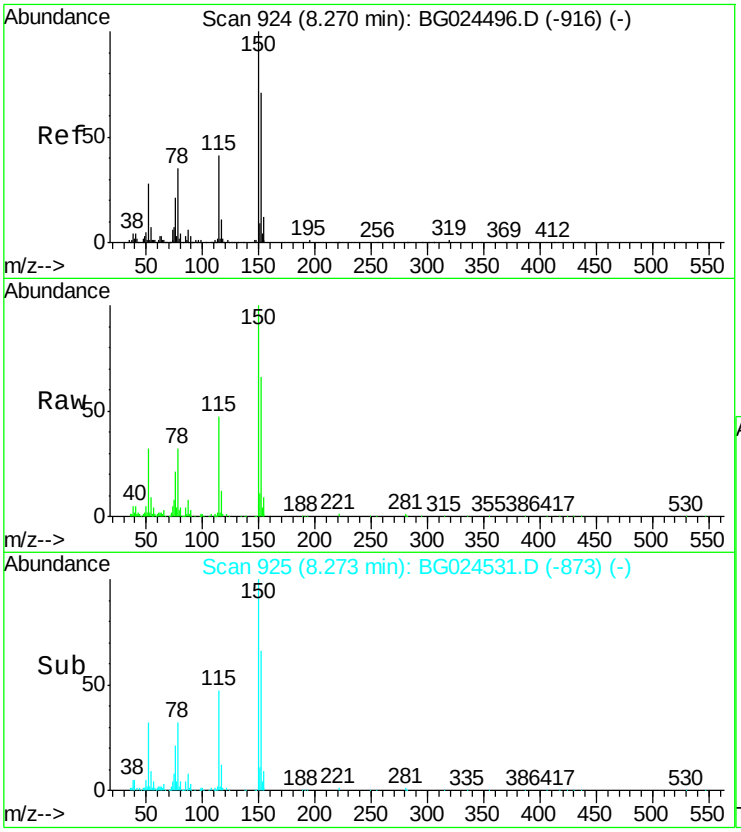


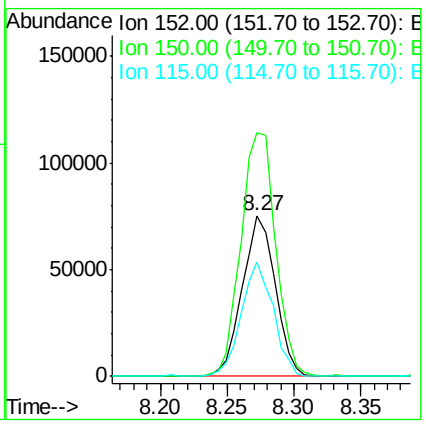


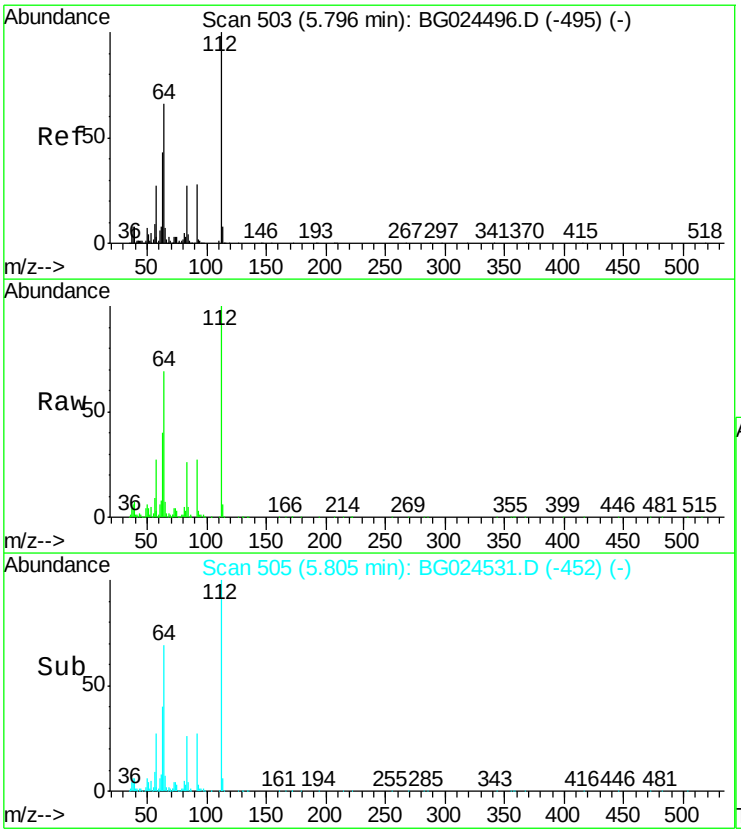
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Instrument :
BNA_G
ClientSampleId :
GW-1

Tgt Ion:152 Resp: 128371

Ion	Ratio	Lower	Upper
152	100		
150	151.6	114.0	171.0
115	71.1	48.1	72.1

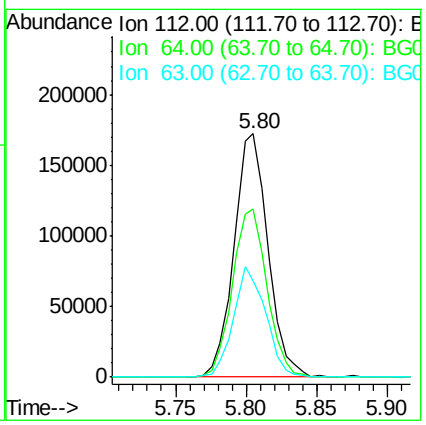


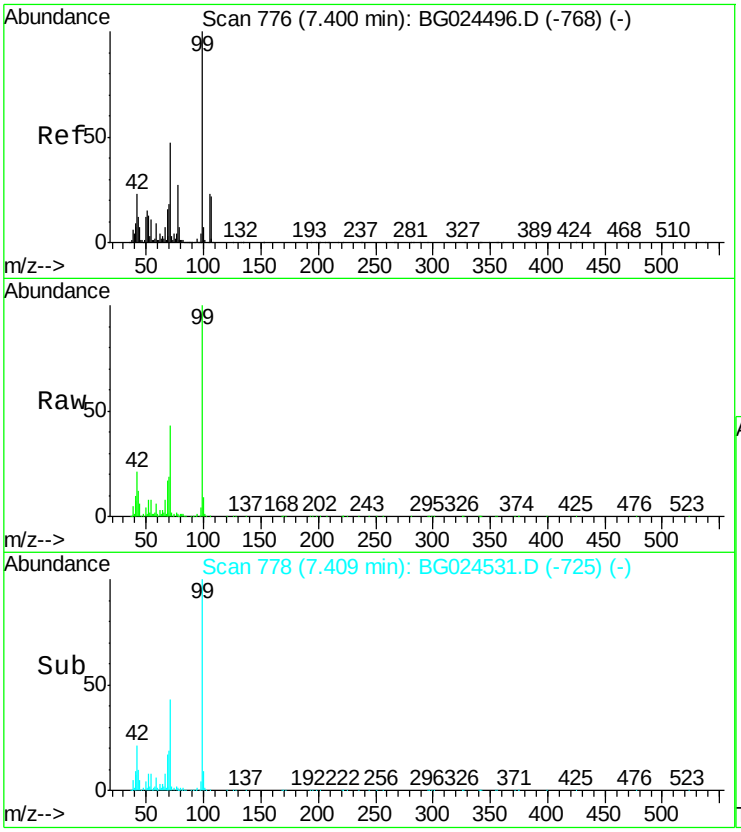


#5
2-Fluorophenol
Concen: 36.95 ng
RT: 5.80 min Scan# 505
Delta R.T. 0.01 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Tgt Ion:112 Resp: 289366

Ion	Ratio	Lower	Upper
112	100		
64	69.2	61.8	92.6
63	39.5	37.2	55.8



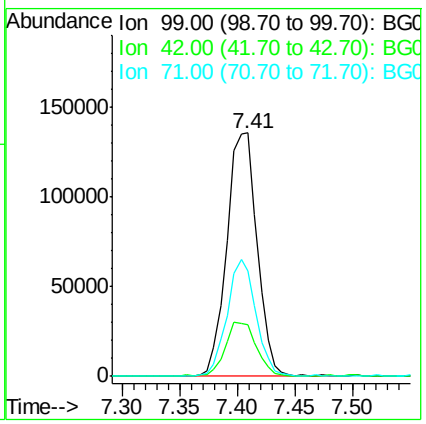


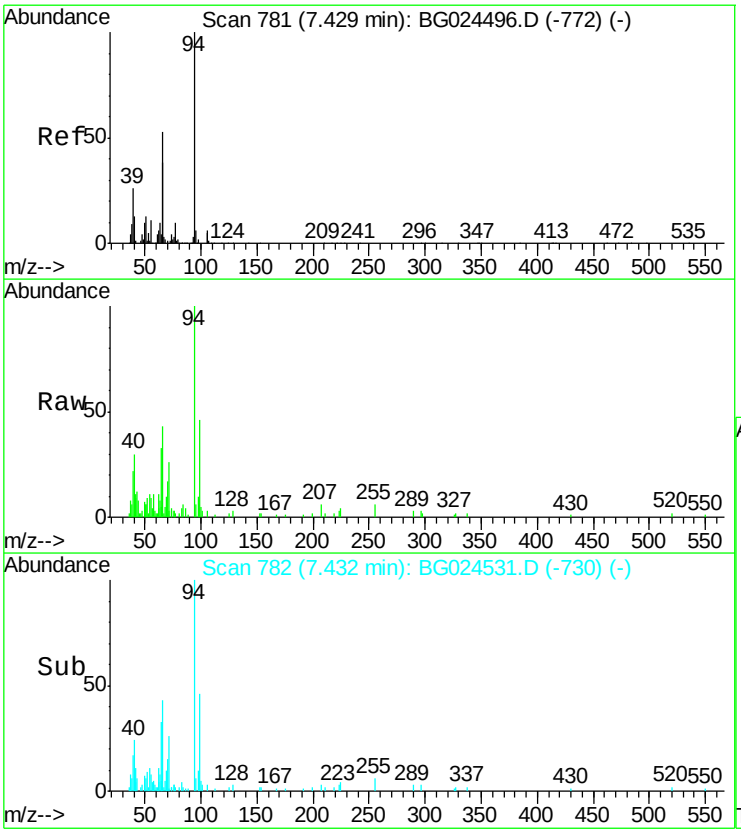
#7
Phenol-d6
Concen: 23.07 ng
RT: 7.41 min Scan# 778
Delta R.T. 0.01 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Instrument :
BNA_G
ClientSampleId :
GW-1

Tgt Ion: 99 Resp: 247893

Ion	Ratio	Lower	Upper
99	100		
42	21.3	20.5	30.7
71	43.0	37.6	56.4

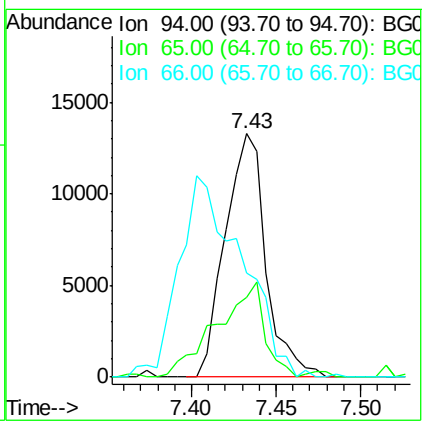


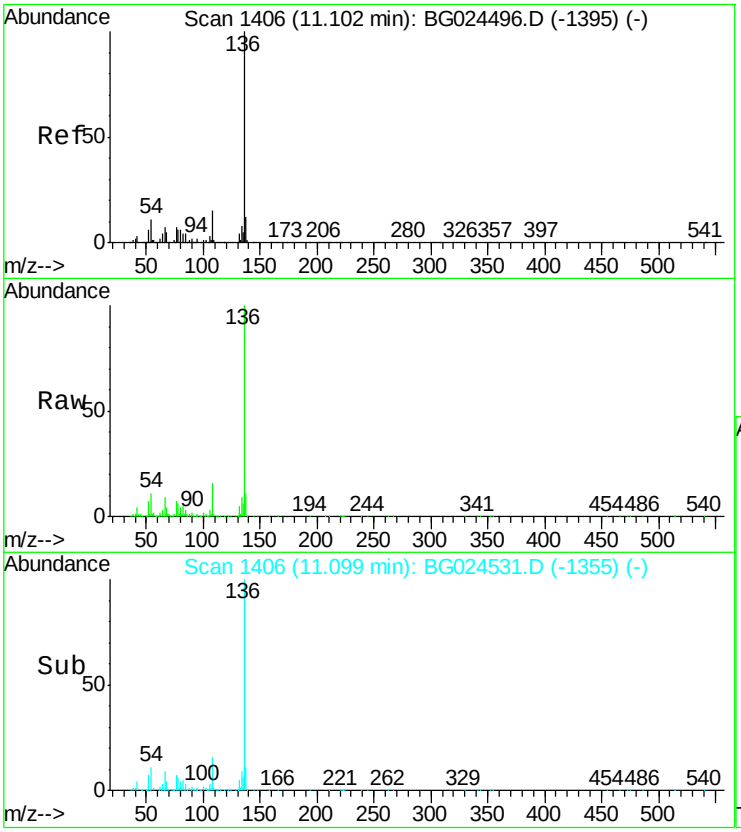


#10
Phenol
Concen: 2.01 ng
RT: 7.43 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Tgt Ion: 94 Resp: 22210

Ion	Ratio	Lower	Upper
94	100		
65	32.9	20.6	60.6
66	42.6	35.5	75.5



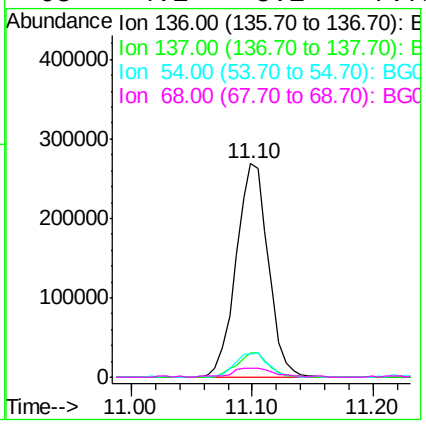


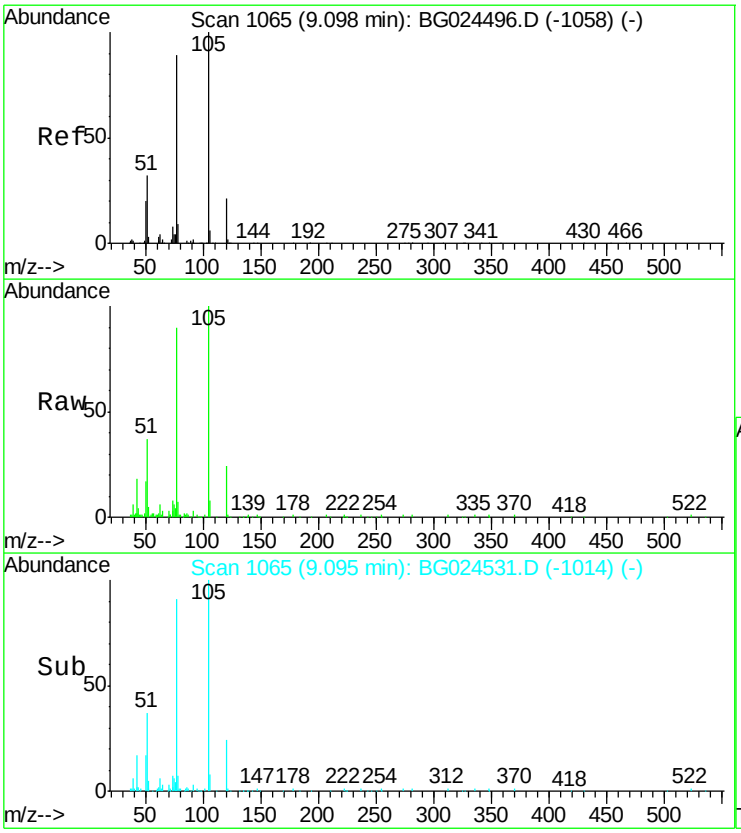
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Instrument :
BNA_G
ClientSampleId :
GW-1

Tgt Ion:136 Resp: 497535

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	11.1	9.3	13.9
68	4.1	5.1	7.7#

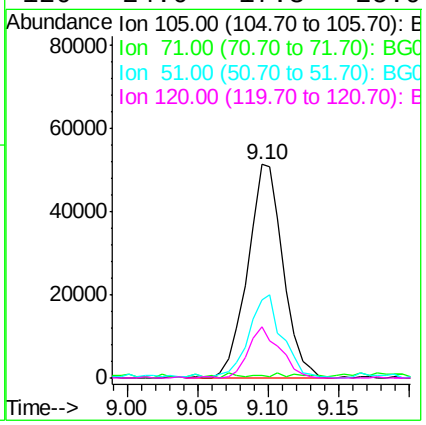


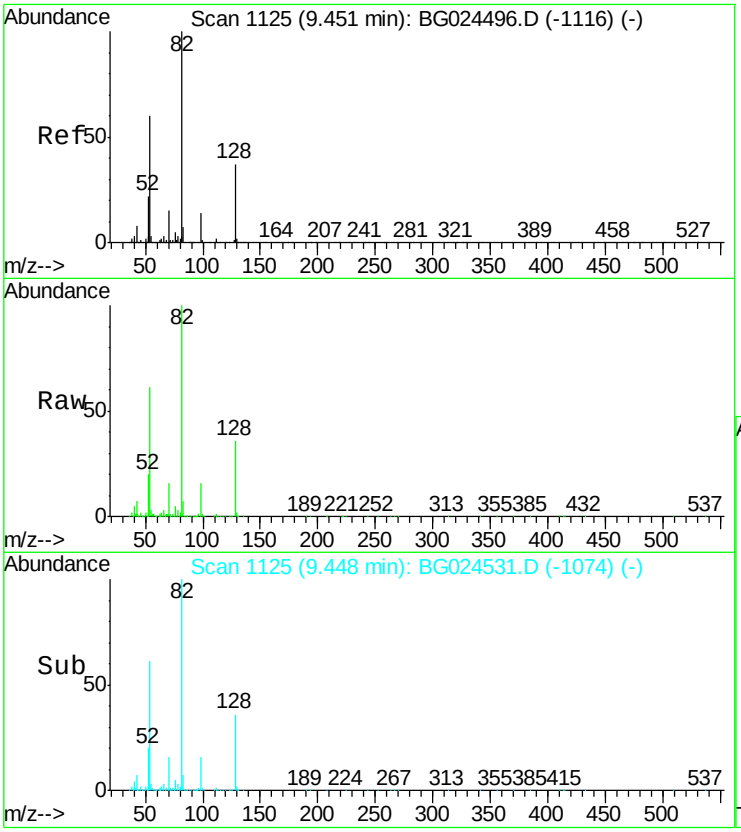


#22
Acetophenone
Concen: 7.05 ng
RT: 9.10 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Tgt Ion:105 Resp: 90121

Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.9	1.3
51	36.8	34.0	51.0
120	24.0	17.3	25.9



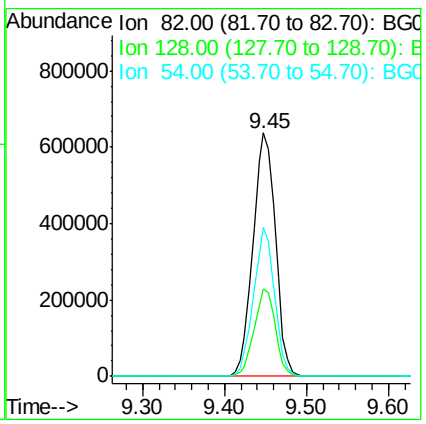


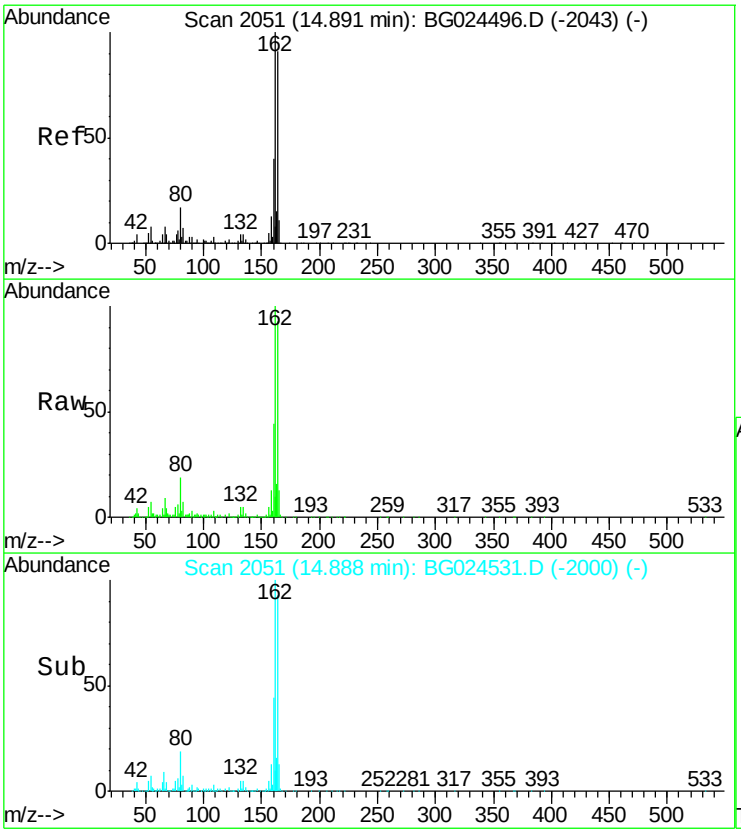
#23
Nitrobenzene-d5
Concen: 111.49 ng
RT: 9.45 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Instrument :
BNA_G
ClientSampleId :
GW-1

Tgt Ion: 82 Resp: 1218297

Ion	Ratio	Lower	Upper
82	100		
128	36.0	26.4	39.6
54	60.9	49.4	74.2

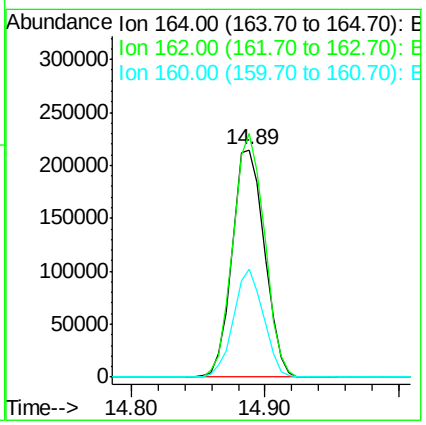


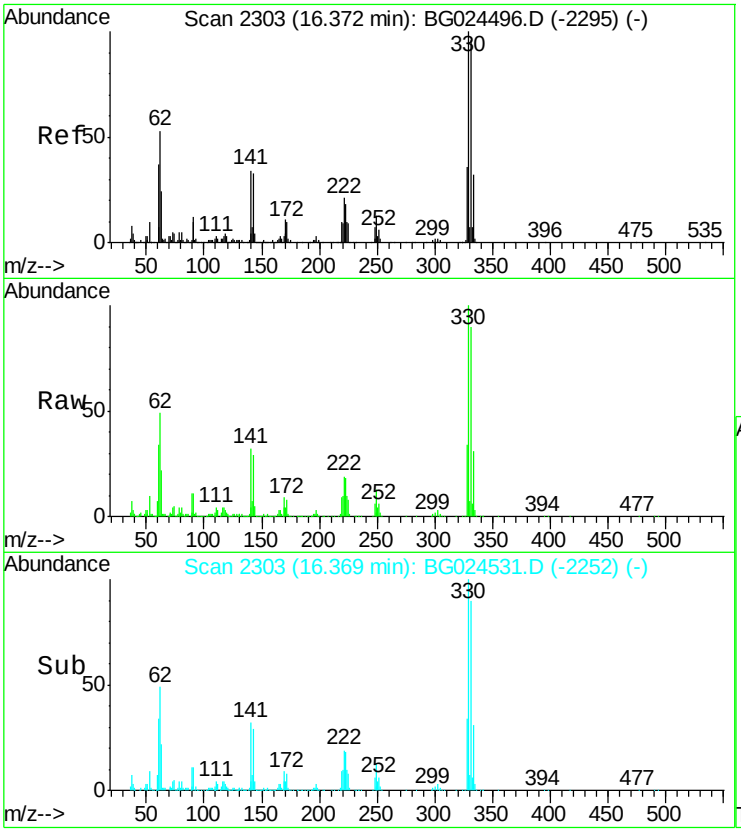


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Tgt Ion:164 Resp: 361146

Ion	Ratio	Lower	Upper
164	100		
162	107.1	85.1	127.7
160	47.5	34.7	52.1



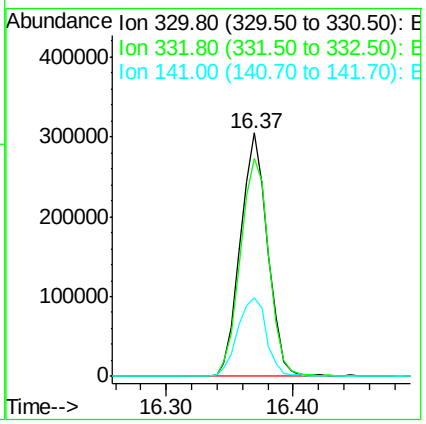


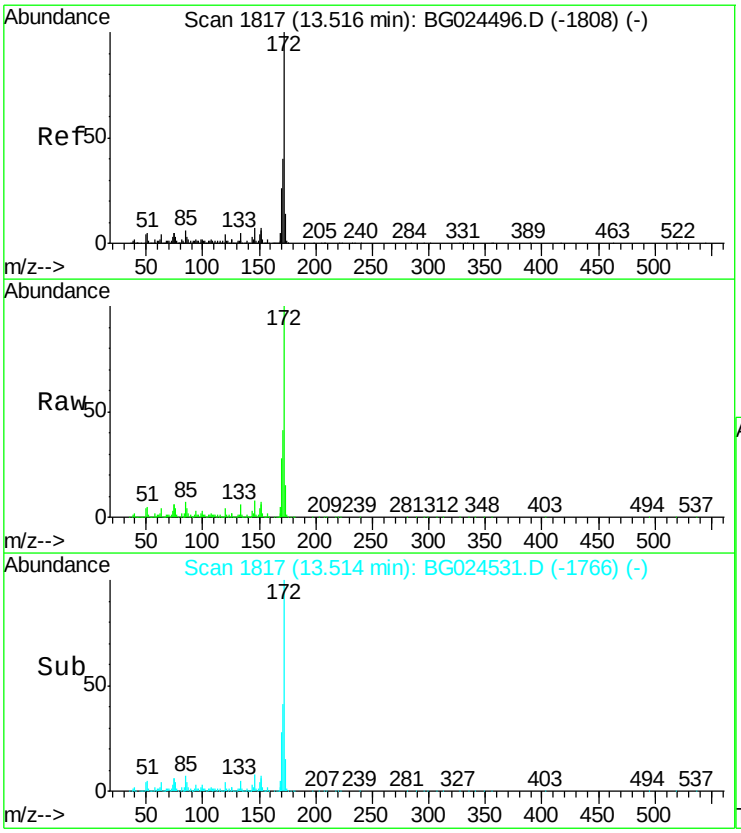
#41
2,4,6-Tribromophenol
Concen: 84.29 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Instrument :
BNA_G
ClientSampleId :
GW-1

Tgt Ion:330 Resp: 454762

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.3	115.9
141	34.2	32.1	48.1

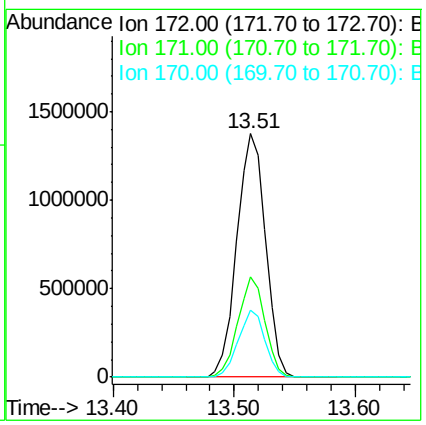


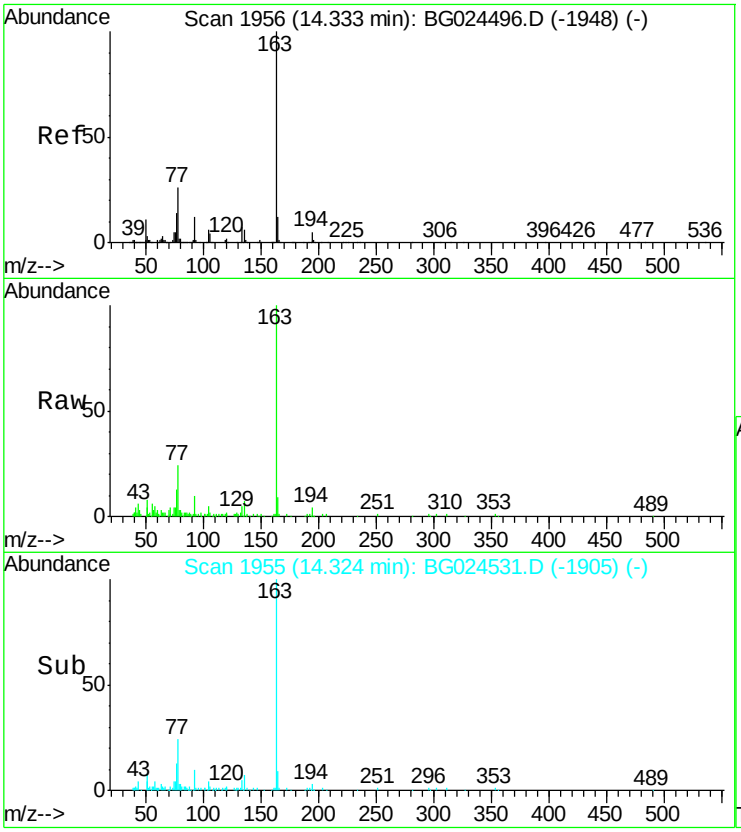


#44
2-Fluorobiphenyl
Concen: 104.86 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Tgt Ion:172 Resp: 2278350

Ion	Ratio	Lower	Upper
172	100		
171	41.3	32.2	48.2
170	27.6	21.8	32.6



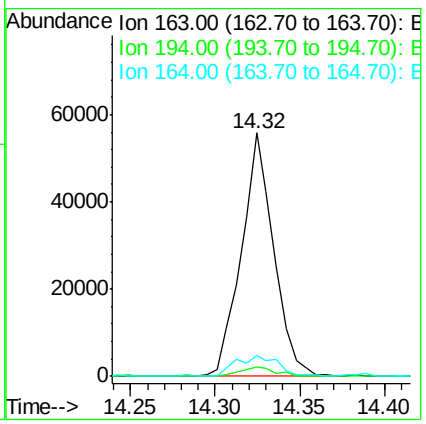


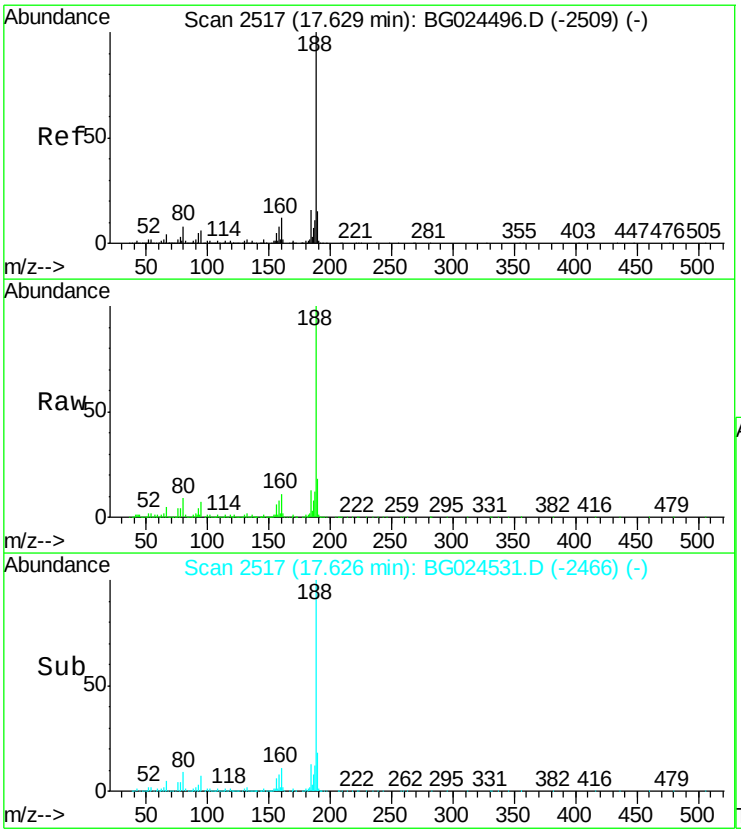
#49
Dimethylphthalate
Concen: 2.90 ng
RT: 14.32 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Instrument :
BNA_G
ClientSampleId :
GW-1

Tgt Ion:163 Resp: 74334

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.8	5.6#
164	8.5	9.3	13.9#

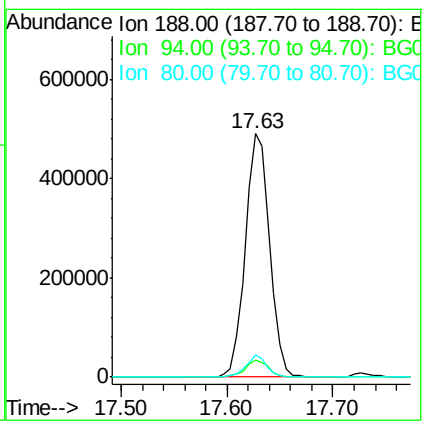


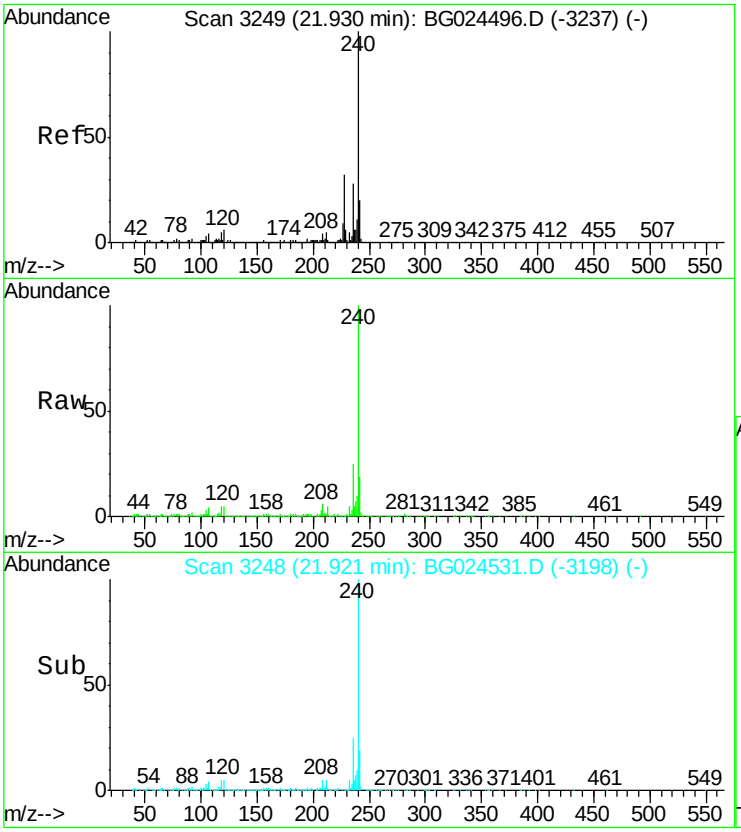


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Tgt Ion:188 Resp: 785535

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.8	8.8
80	9.0	7.5	11.3



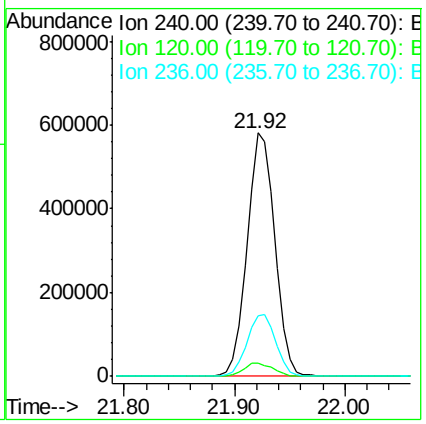


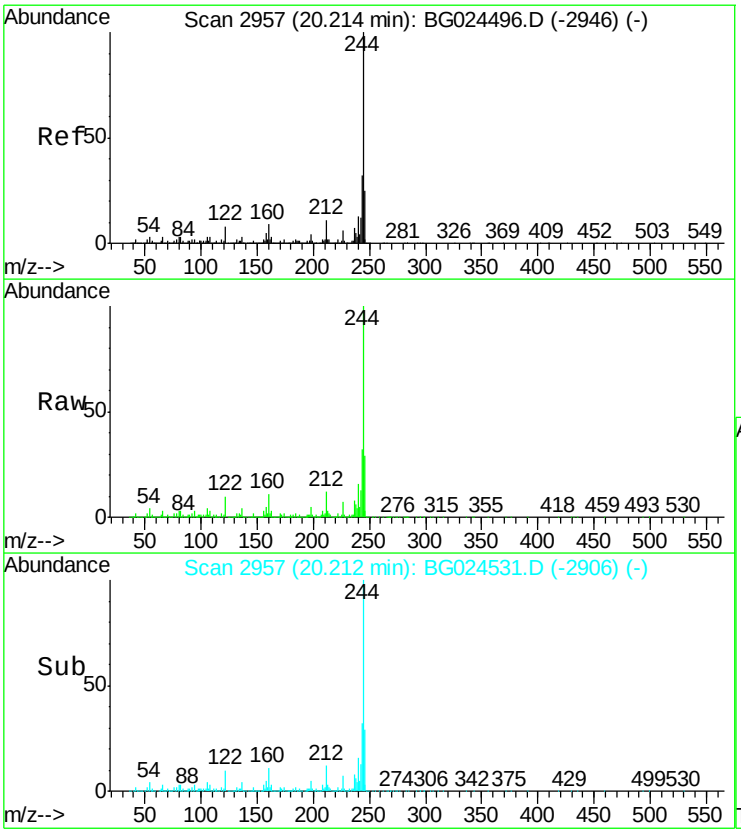
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Instrument :
BNA_G
ClientSampleId :
GW-1

Tgt Ion:240 Resp: 1024188

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.7	8.5#
236	24.8	22.2	33.4

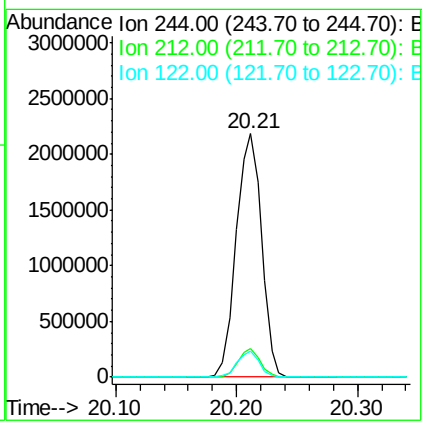


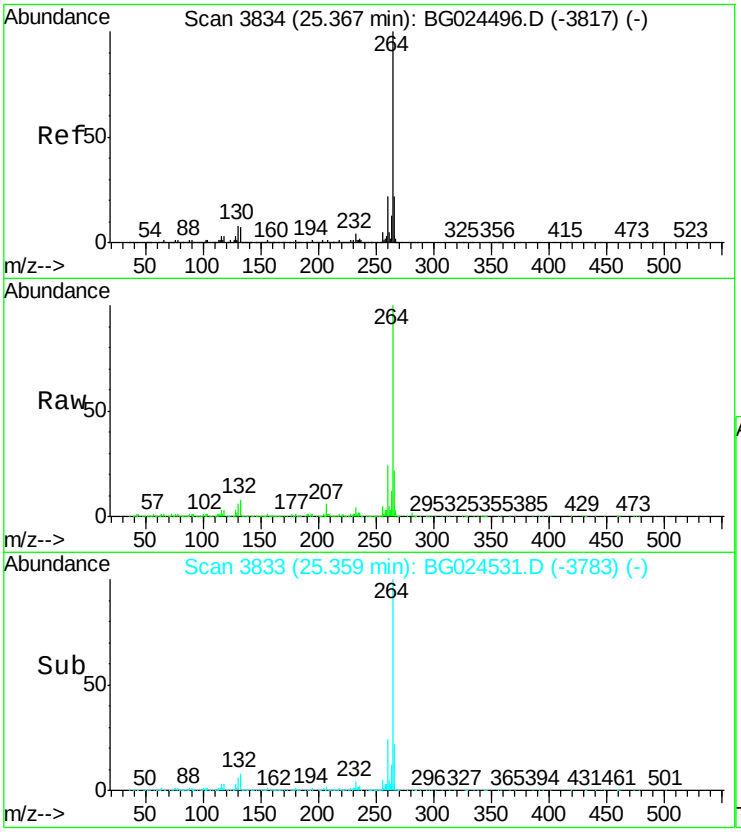


#78
Terphenyl-d14
Concen: 93.22 ng
RT: 20.21 min Scan# 2957
Delta R.T. -0.00 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Tgt Ion:244 Resp: 3195316

Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.0	15.0
122	10.4	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.36 min Scan# 3833
Delta R.T. -0.01 min
Lab File: BG024531.D
Acq: 27 Oct 2016 21:30

Instrument :
BNA_G
ClientSampleId :
GW-1

Tgt Ion:264 Resp: 1114896

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	22.1	18.2	27.4