Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024729.D
Acq On : 7 Nov 2016 15:15
Operator : UM/SJ
Sample : H5531-08DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0015DL

Quant Time: Nov 07 16:46:32 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	8.26	152	95243	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	379082	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	316397	20.00	ng	-0.01
63) Phenanthrene-d10	17.62	188	686372	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1016146	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1061413	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	76479	13.16	ng	0.00
7) Phenol-d6	7.40	99	65742	8.25	ng	0.00
23) Nitrobenzene-d5	9.44	82	189269	22.73	ng	-0.01
41) 2,4,6-Tribromophenol	16.36	330	168409	35.63	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	430059	22.59	ng	-0.01
78) Terphenyl-d14	20.20	244	868022	25.53	ng	-0.01
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	10.26	122	40073	6.66	ng	# 84
31) Naphthalene	11.14	128	451723	23.89	ng	99
37) 2-Methylnaphthalene	12.72	142	129553	9.39	ng	96

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

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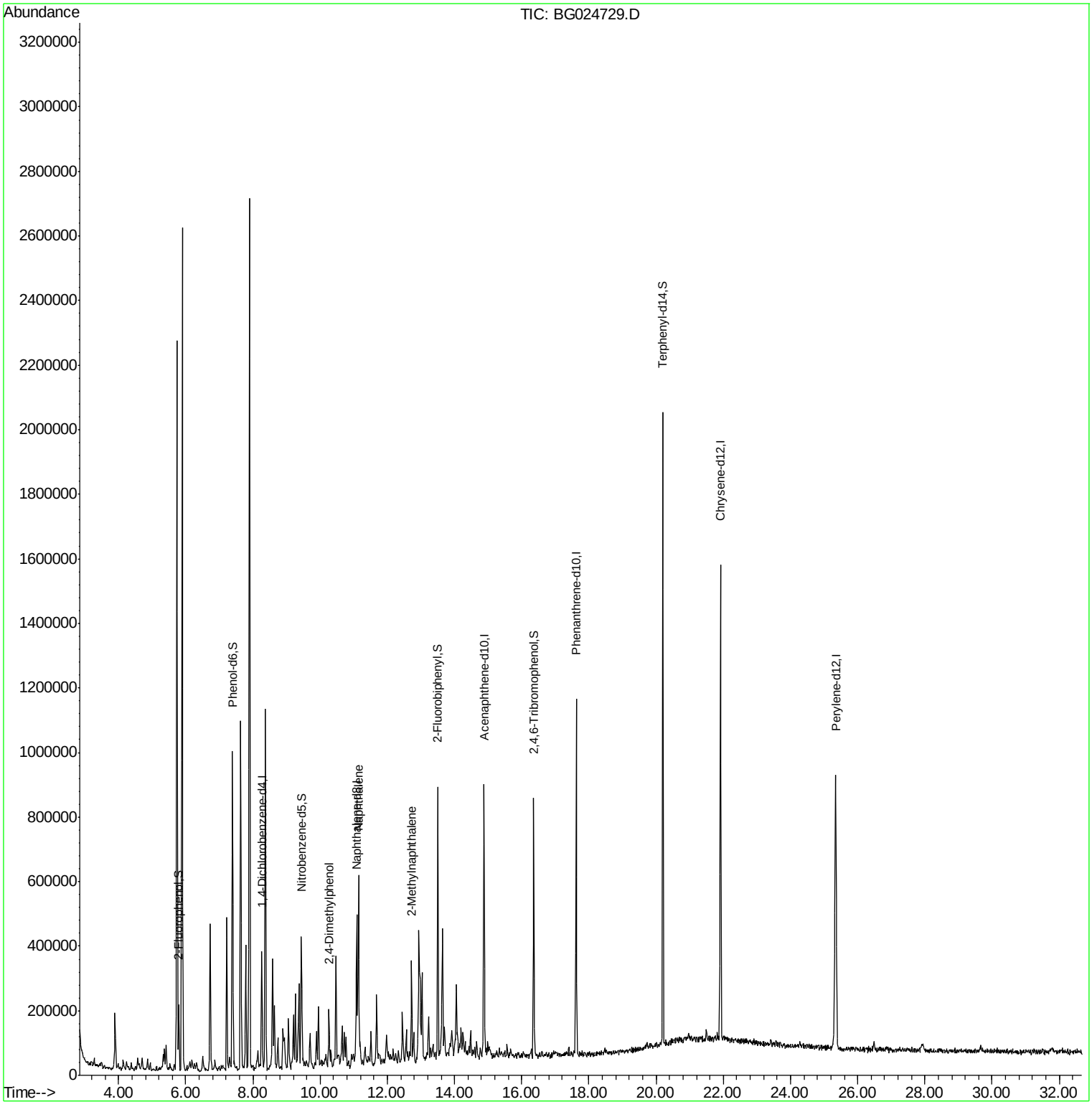
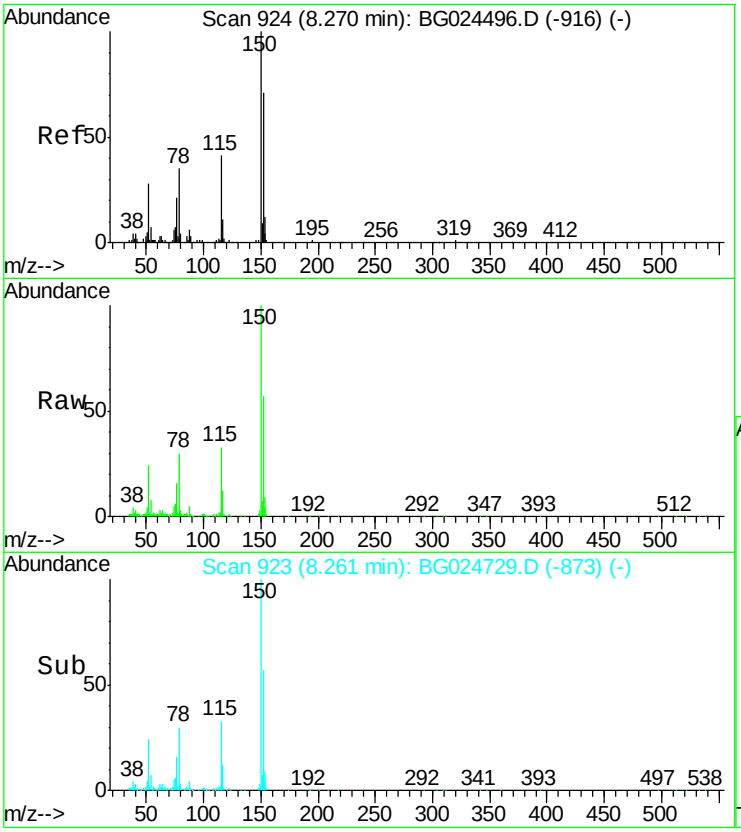


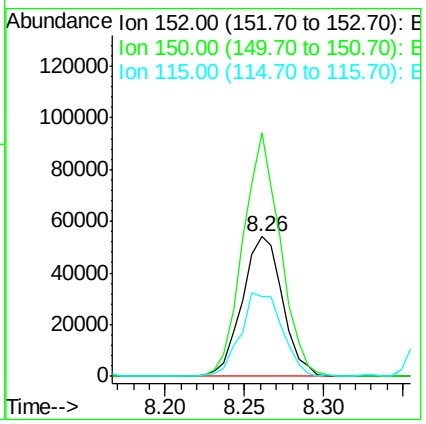


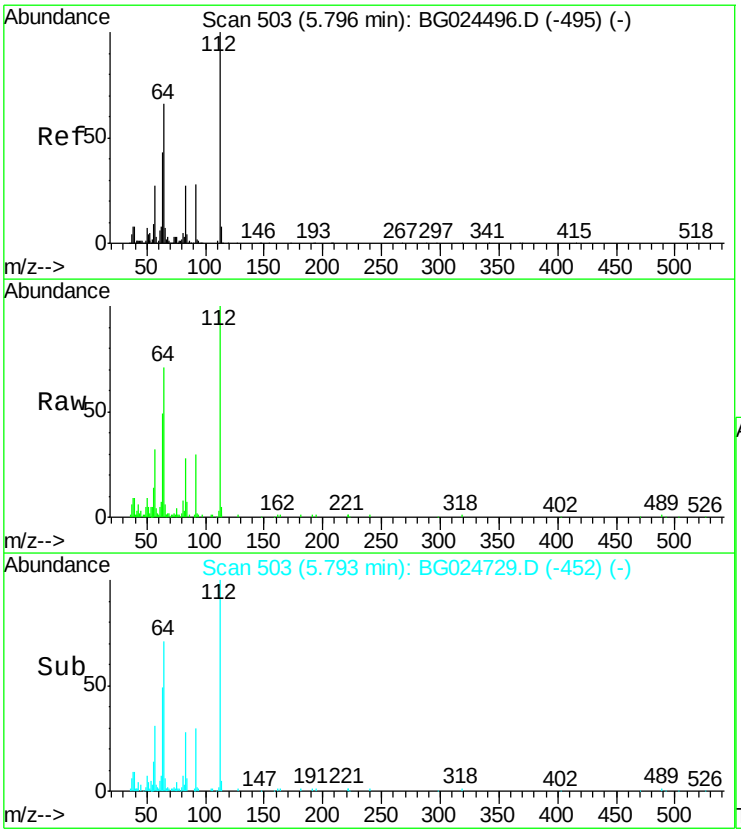
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Instrument :
BNA_G
ClientSampleId :
S22-0015DL

Tgt Ion:152 Resp: 95243

Ion	Ratio	Lower	Upper
152	100		
150	174.0	114.0	171.0#
115	57.4	48.1	72.1

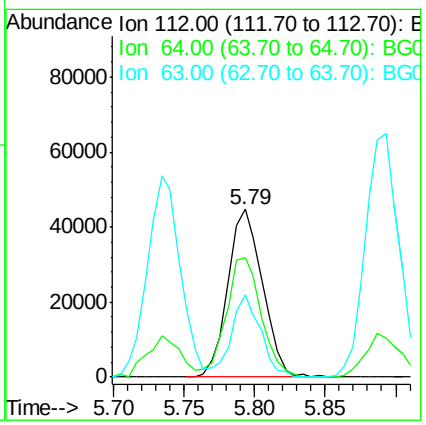


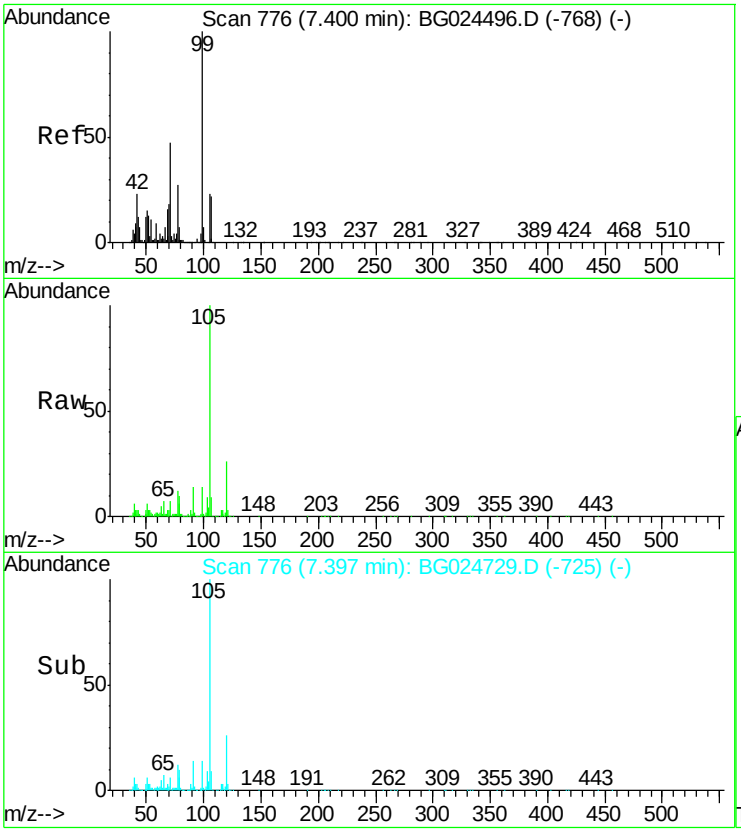


#5
2-Fluorophenol
Concen: 13.16 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Tgt Ion:112 Resp: 76479

Ion	Ratio	Lower	Upper
112	100		
64	71.2	61.8	92.6
63	49.2	37.2	55.8



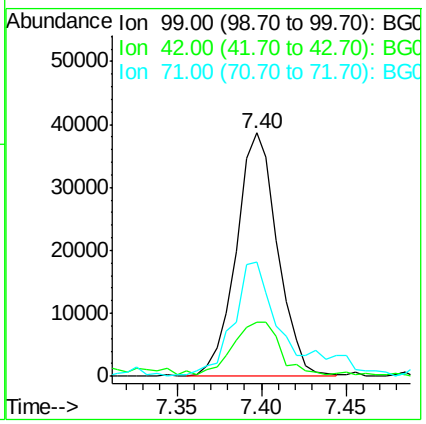


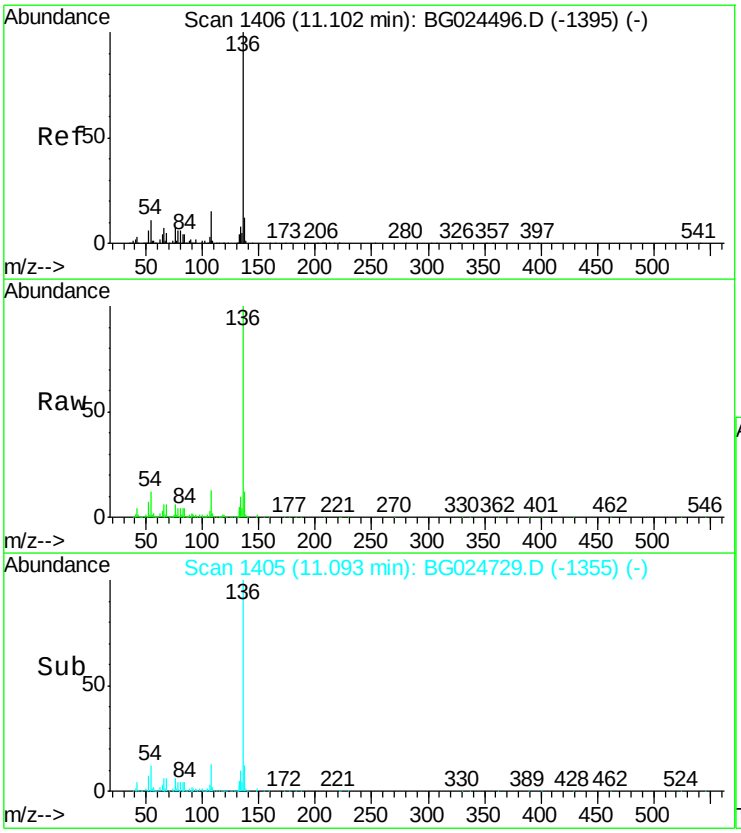
#7
Phenol-d6
Concen: 8.25 ng
RT: 7.40 min Scan# 776
Delta R.T. -0.00 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Instrument :
BNA_G
ClientSampleId :
S22-0015DL

Tgt Ion: 99 Resp: 65742

Ion	Ratio	Lower	Upper
99	100		
42	22.4	20.5	30.7
71	46.7	37.6	56.4

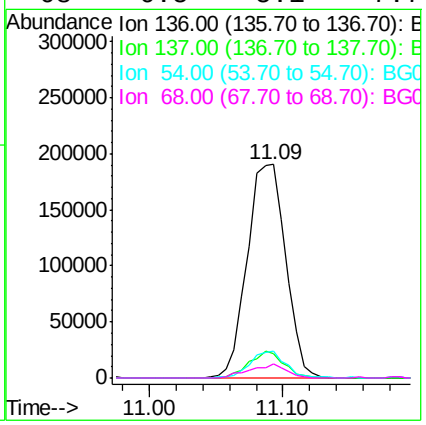


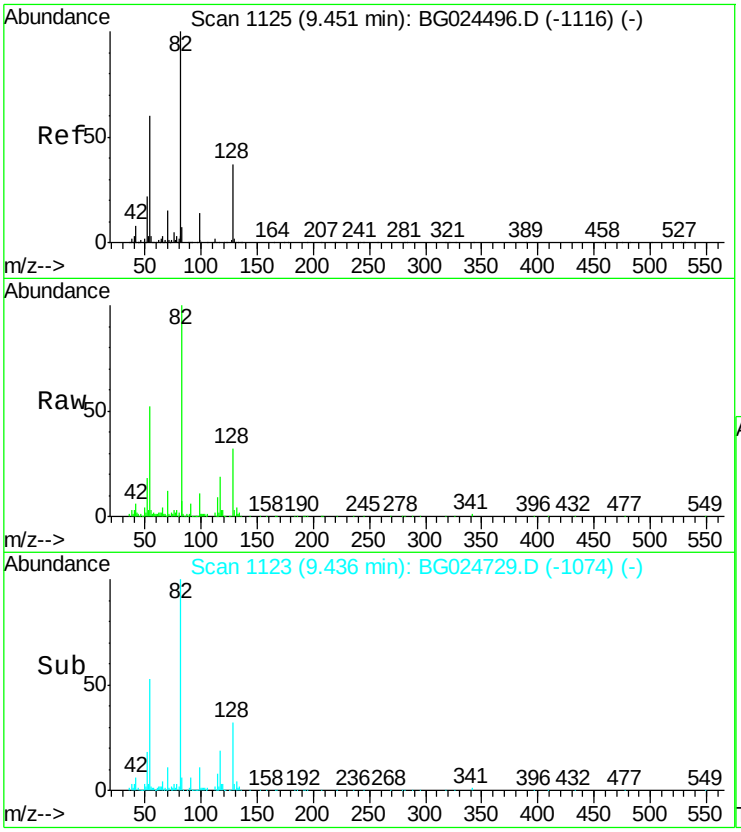


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Tgt Ion:136 Resp: 379082

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	12.3	9.3	13.9
68	6.5	5.1	7.7



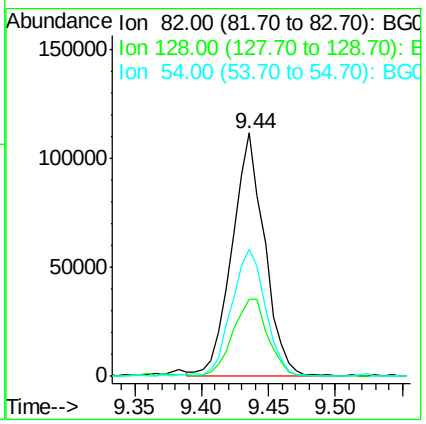


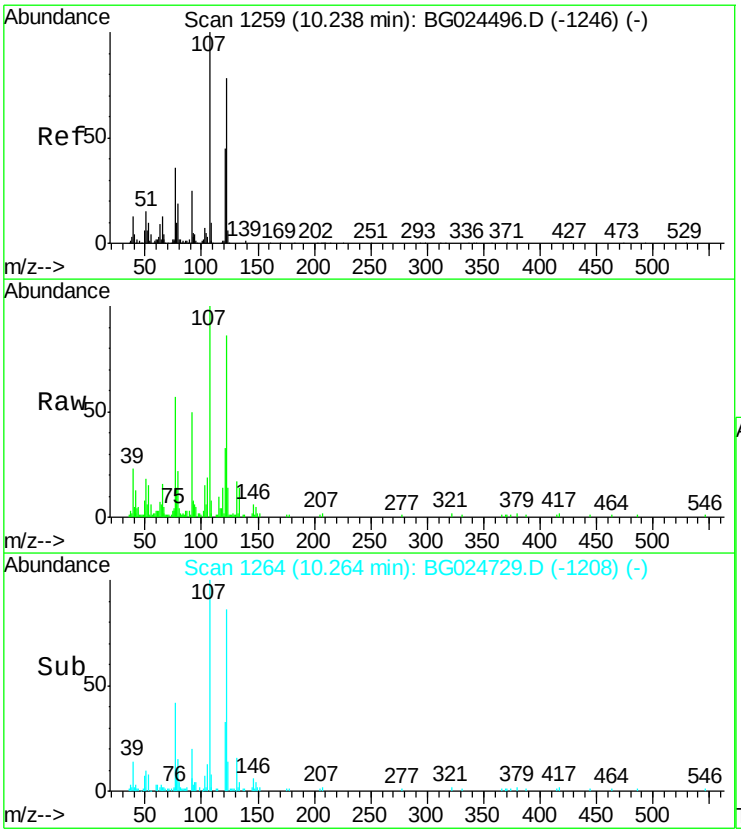
#23
Nitrobenzene-d5
Concen: 22.73 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Instrument :
BNA_G
ClientSampleId :
S22-0015DL

Tgt Ion: 82 Resp: 189269

Ion	Ratio	Lower	Upper
82	100		
128	31.5	26.4	39.6
54	52.0	49.4	74.2

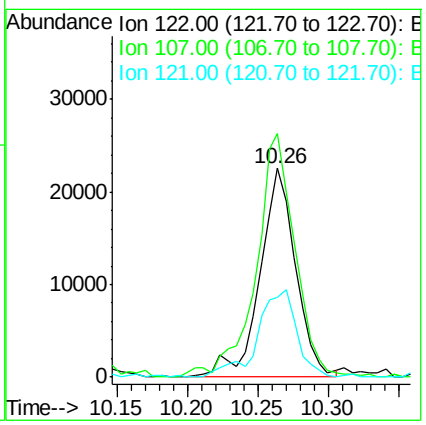


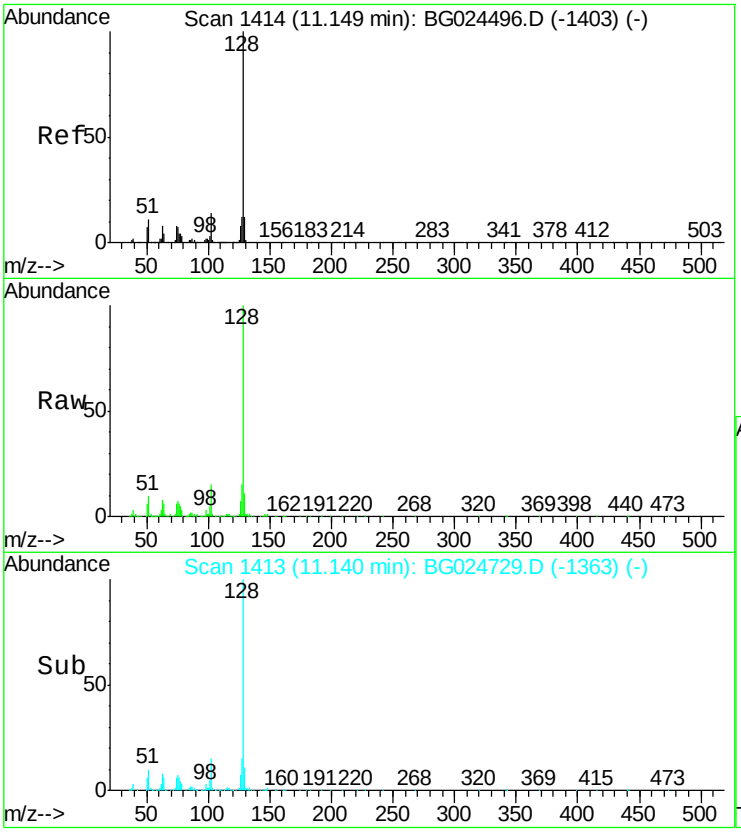


#27
2,4-Dimethylphenol
Concen: 6.66 ng
RT: 10.26 min Scan# 1264
Delta R.T. 0.03 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Tgt Ion:122 Resp: 40073

Ion	Ratio	Lower	Upper
122	100		
107	116.6	104.2	156.4
121	38.4	46.0	69.0#



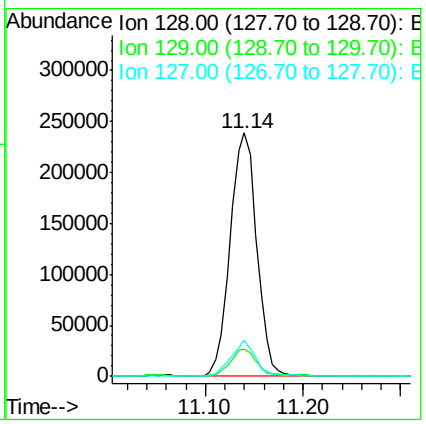


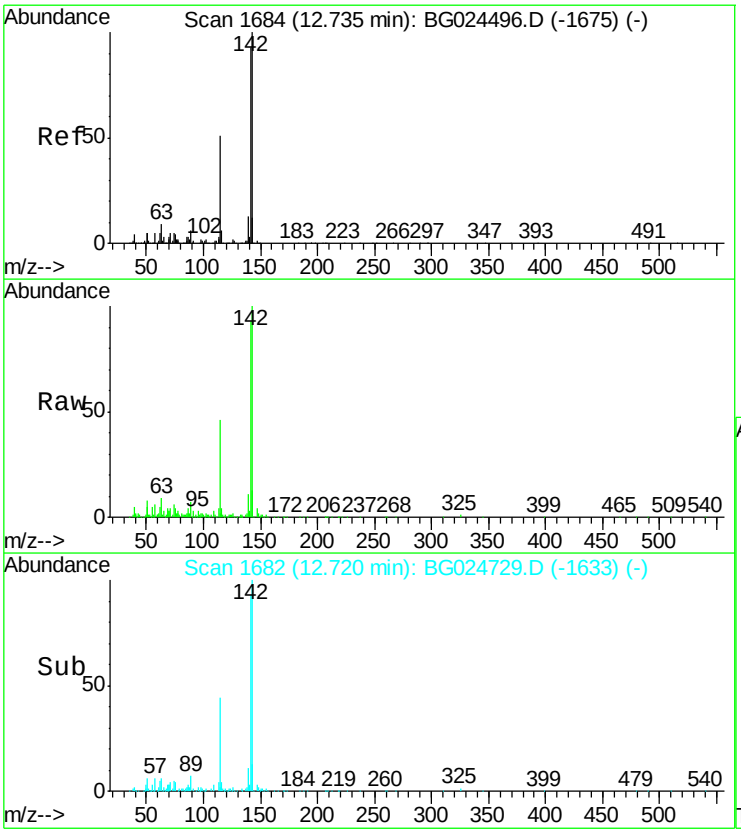
#31
Naphthalene
Concen: 23.89 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Instrument :
BNA_G
ClientSampleId :
S22-0015DL

Tgt Ion:128 Resp: 451723

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	14.7	11.4	17.0

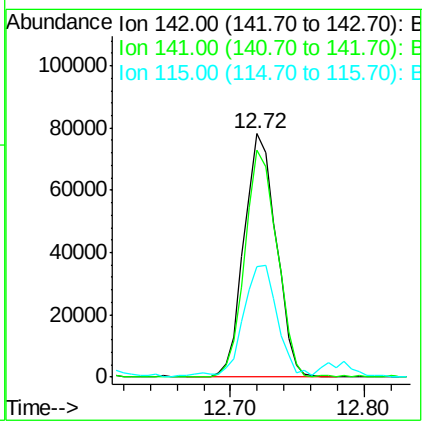


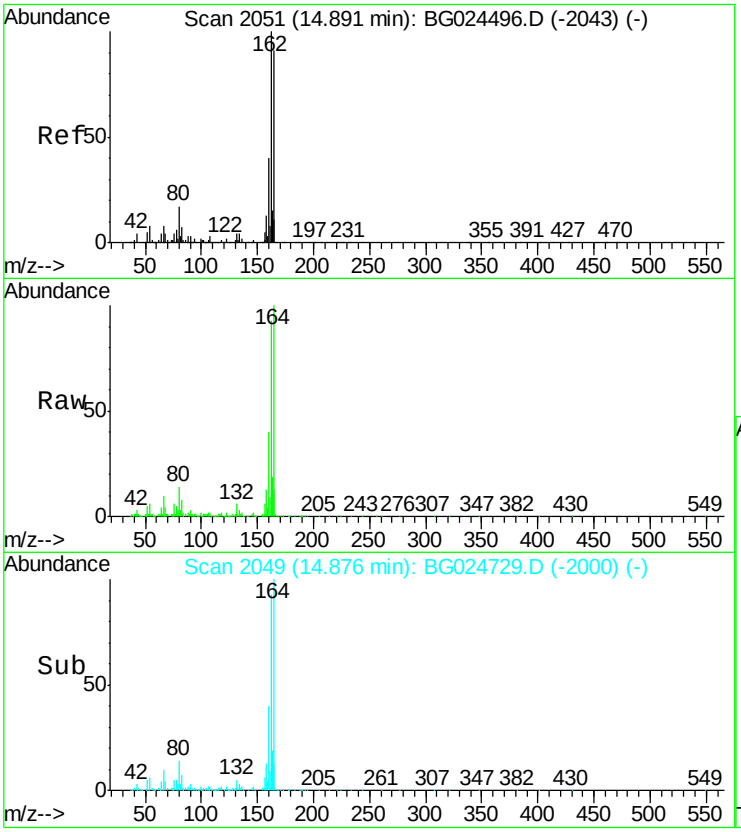


#37
2-Methylnaphthalene
Concen: 9.39 ng
RT: 12.72 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Tgt Ion:142 Resp: 129553

Ion	Ratio	Lower	Upper
142	100		
141	93.4	70.4	105.6
115	45.6	35.5	53.3



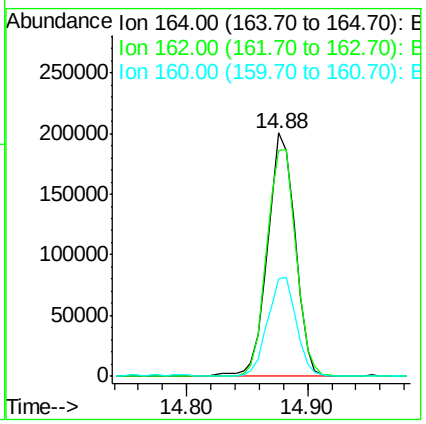


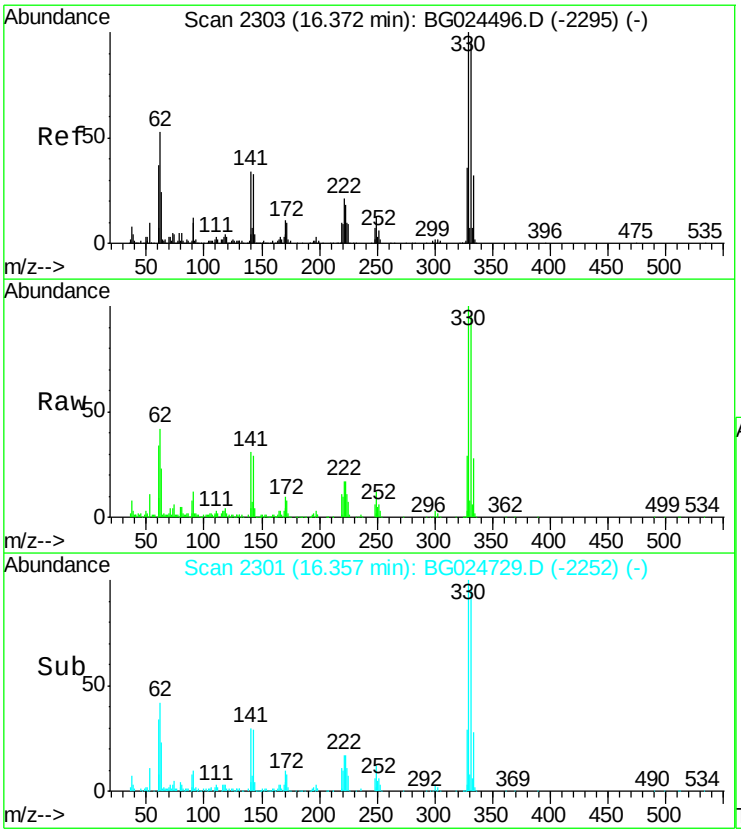
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Instrument :
BNA_G
ClientSampleId :
S22-0015DL

Tgt Ion:164 Resp: 316397

Ion	Ratio	Lower	Upper
164	100		
162	92.8	85.1	127.7
160	40.3	34.7	52.1

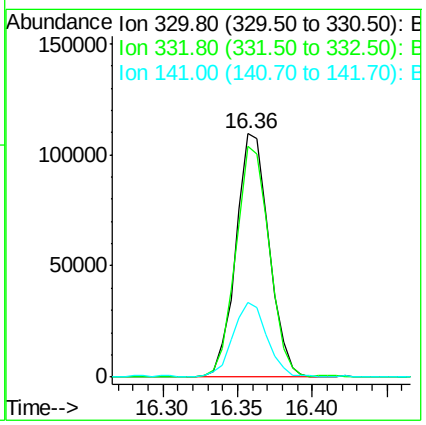


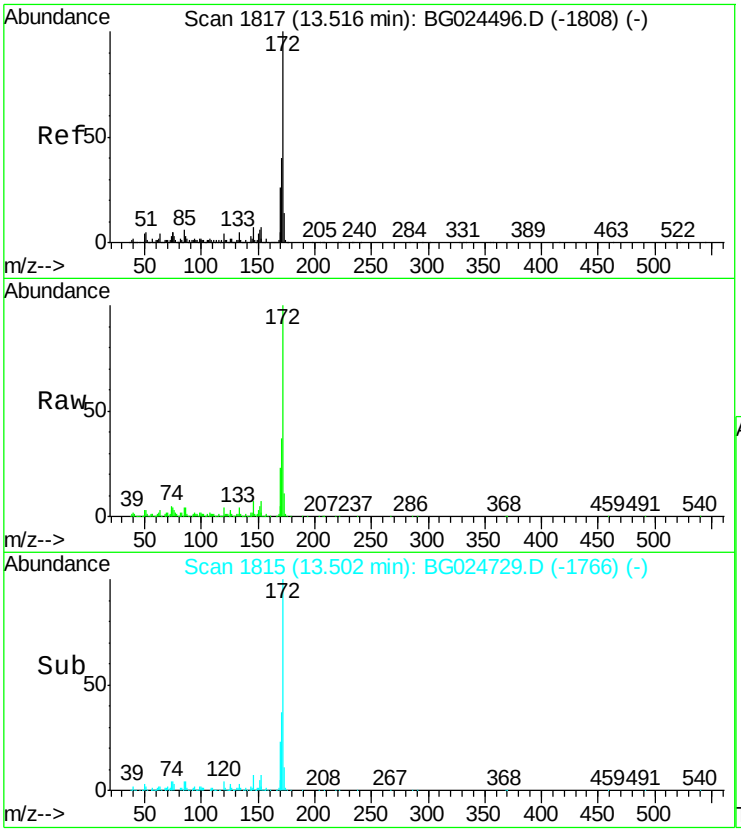


#41
2,4,6-Tribromophenol
Concen: 35.63 ng
RT: 16.36 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Tgt Ion:330 Resp: 168409

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	32.1	32.1	48.1



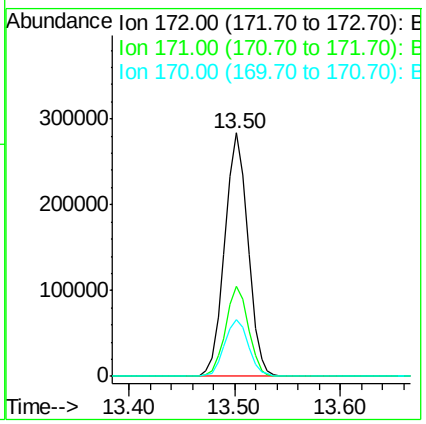


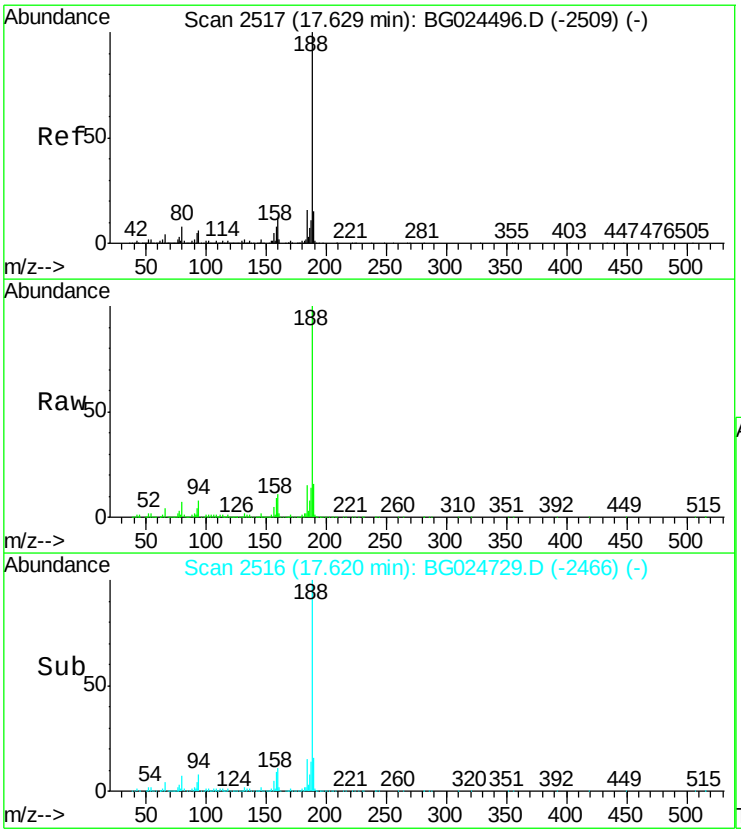
#44
2-Fluorobiphenyl
Concen: 22.59 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Instrument :
BNA_G
ClientSampleId :
S22-0015DL

Tgt Ion:172 Resp: 430059

Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	23.4	21.8	32.6

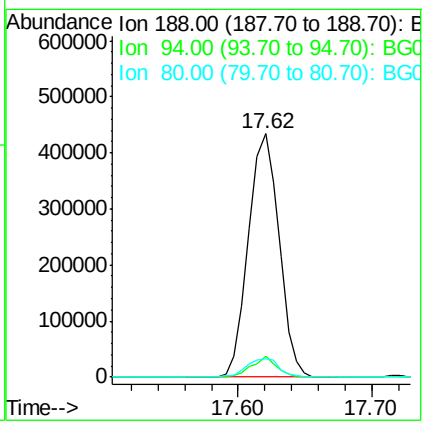


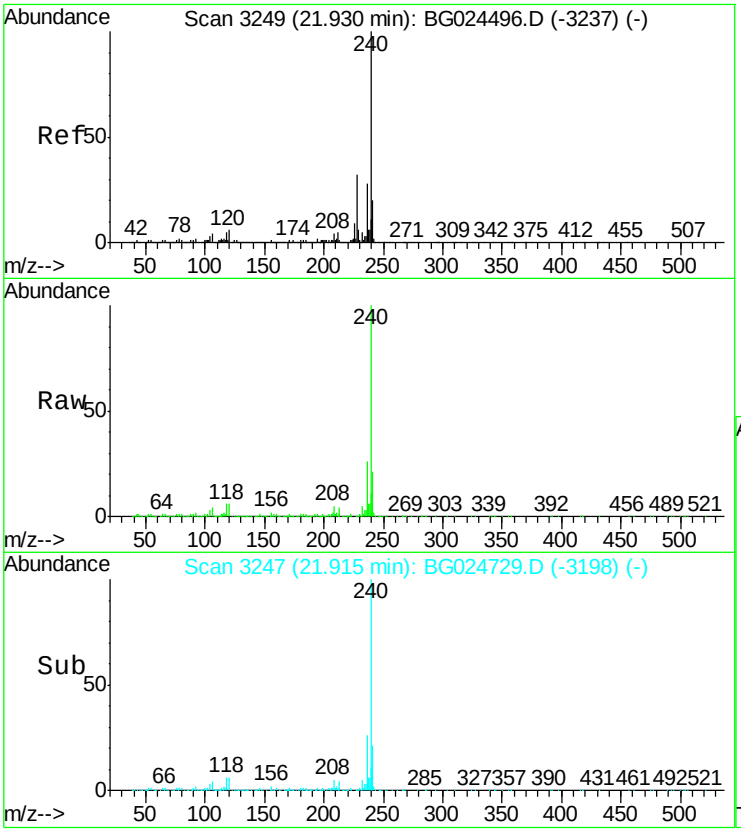


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Tgt Ion:188 Resp: 686372

Ion	Ratio	Lower	Upper
188	100		
94	8.5	5.8	8.8
80	7.4	7.5	11.3#



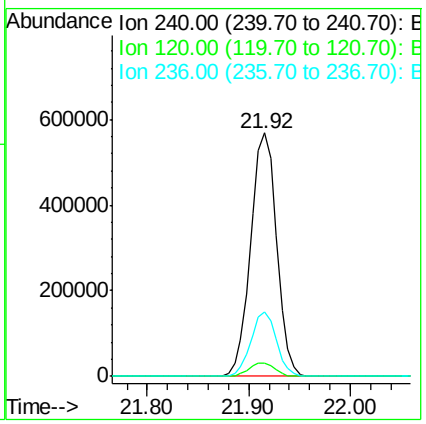


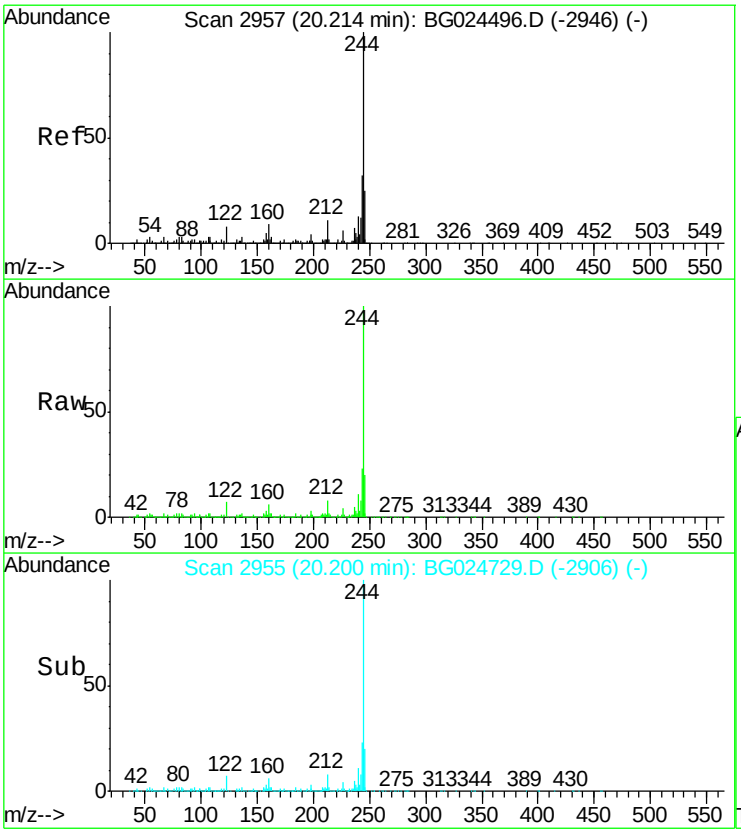
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Instrument :
BNA_G
ClientSampleId :
S22-0015DL

Tgt Ion:240 Resp: 1016146

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.7	8.5#
236	26.4	22.2	33.4

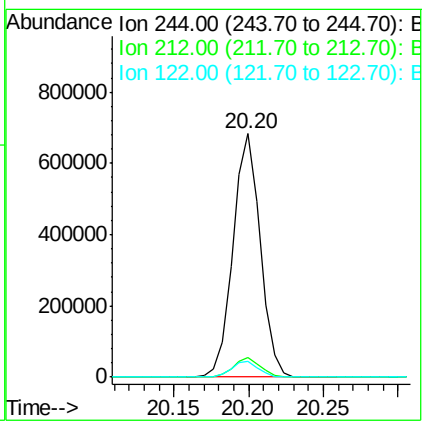


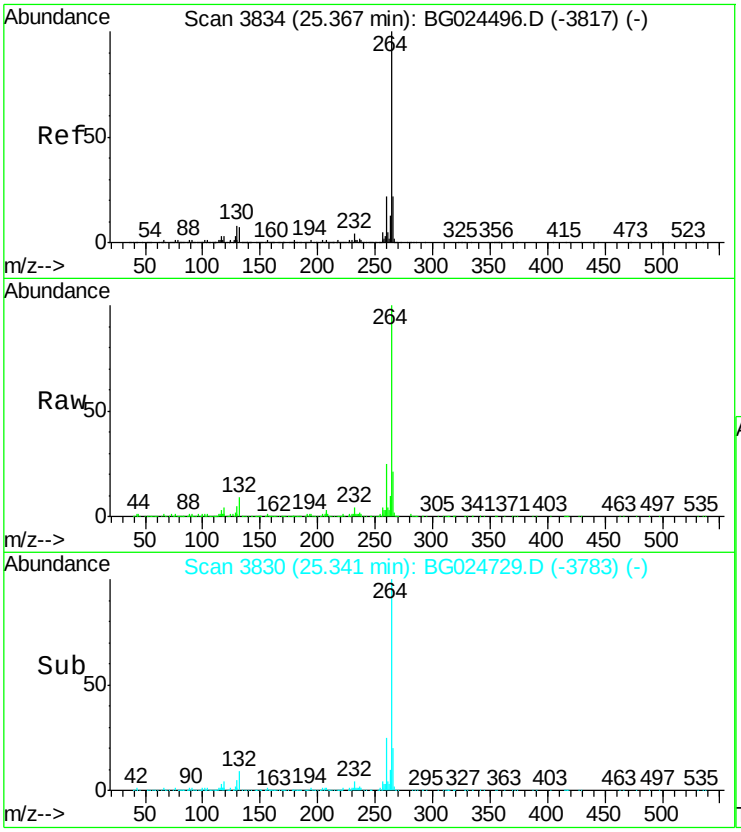


#78
Terphenyl-d14
Concen: 25.53 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Tgt Ion:244 Resp: 868022

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	6.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.34 min Scan# 3830
Delta R.T. -0.03 min
Lab File: BG024729.D
Acq: 7 Nov 2016 15:15

Instrument :
BNA_G
ClientSampleId :
S22-0015DL

Tgt Ion:264 Resp: 1061413

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.8	32.8
265	20.6	18.2	27.4