Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
Data File : BG024552.D
Acq On : 28 Oct 2016 23:28
Operator : UM/SJ
Sample : H5439-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-6COMP(0-16FEET)

Quant Time: Oct 29 00:24:19 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	97277	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	357540	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	264138	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	616157	20.00	ng	0.00
75) Chrysene-d12	21.92	240	946308	20.00	ng	0.00
86) Perylene-d12	25.35	264	789122	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	738146	124.37	ng	0.00
7) Phenol-d6	7.40	99	948343	116.48	ng	0.00
23) Nitrobenzene-d5	9.44	82	797516	101.56	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	591469	149.89	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1588265	99.94	ng	0.00
78) Terphenyl-d14	20.21	244	3028827	95.64	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.15	128	143176	8.03	ng	# 96
33) 4-Chloroaniline	11.15	127	19370	2.50	ng	# 39

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

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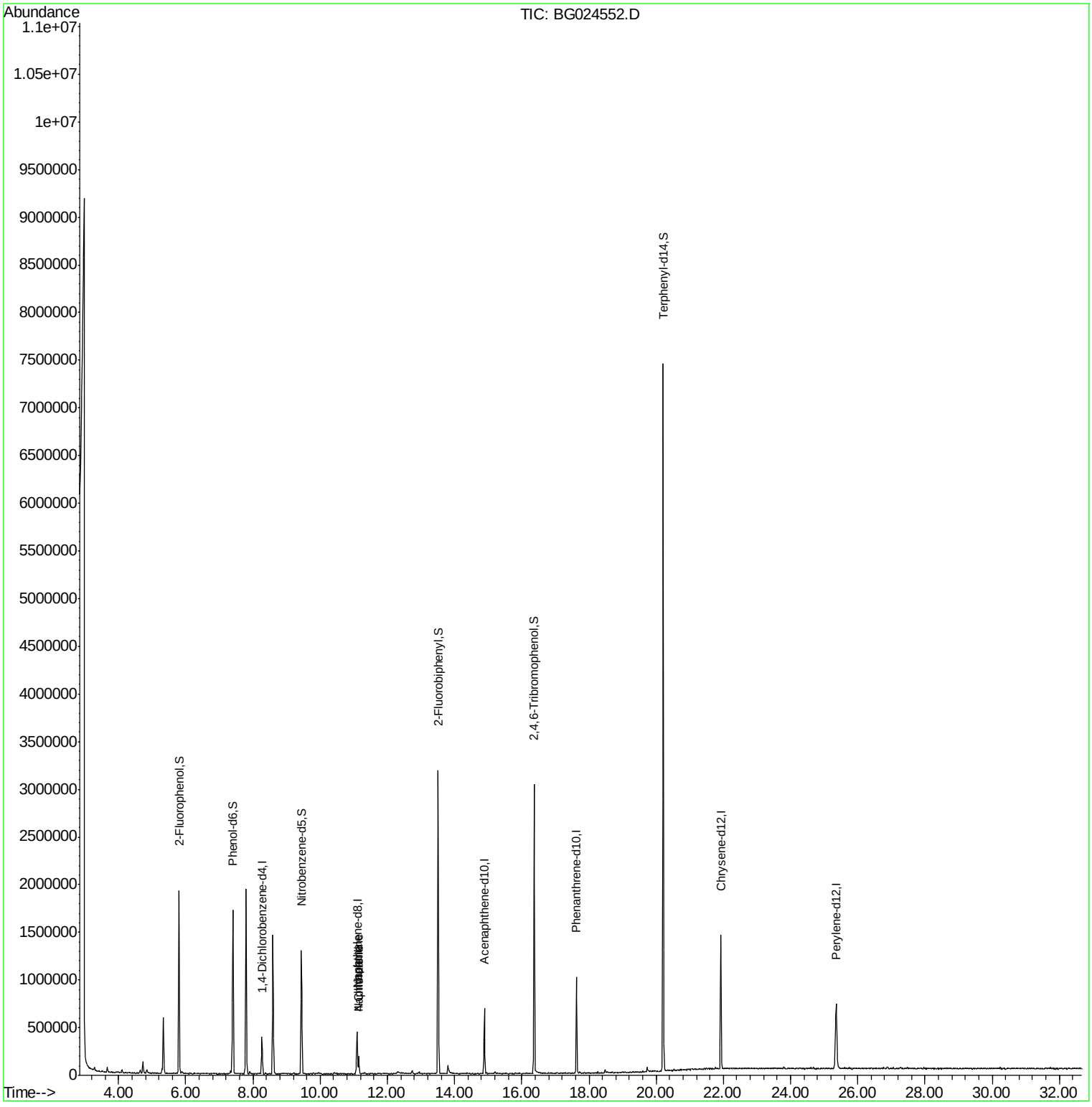
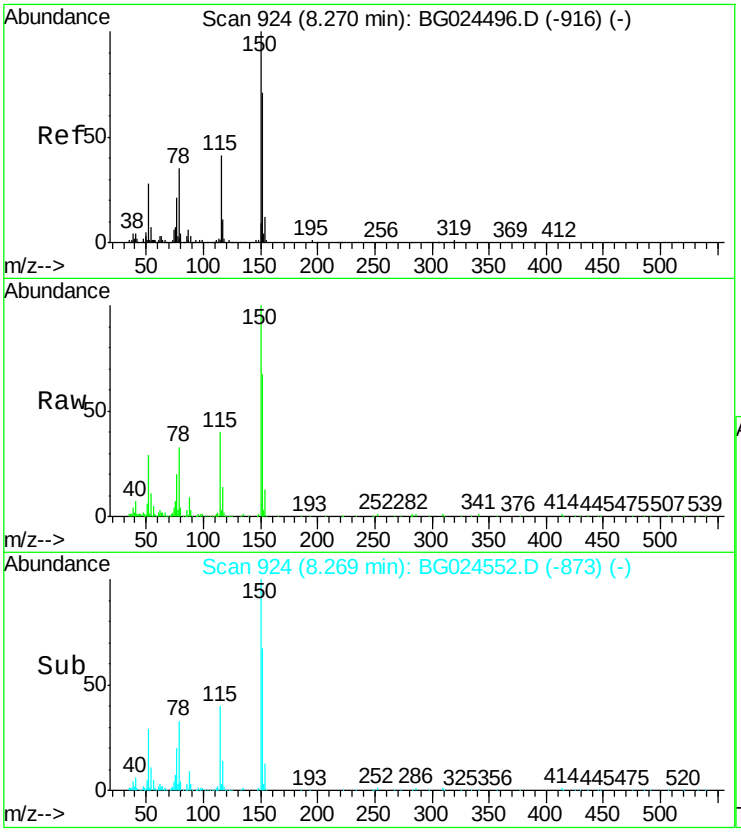


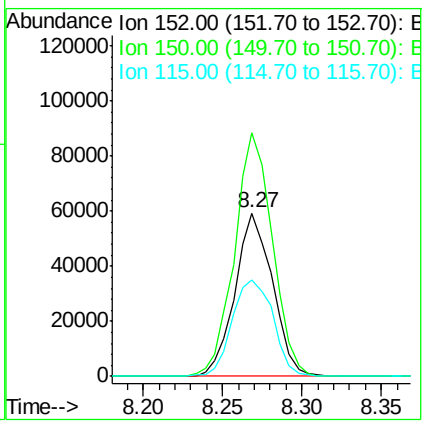


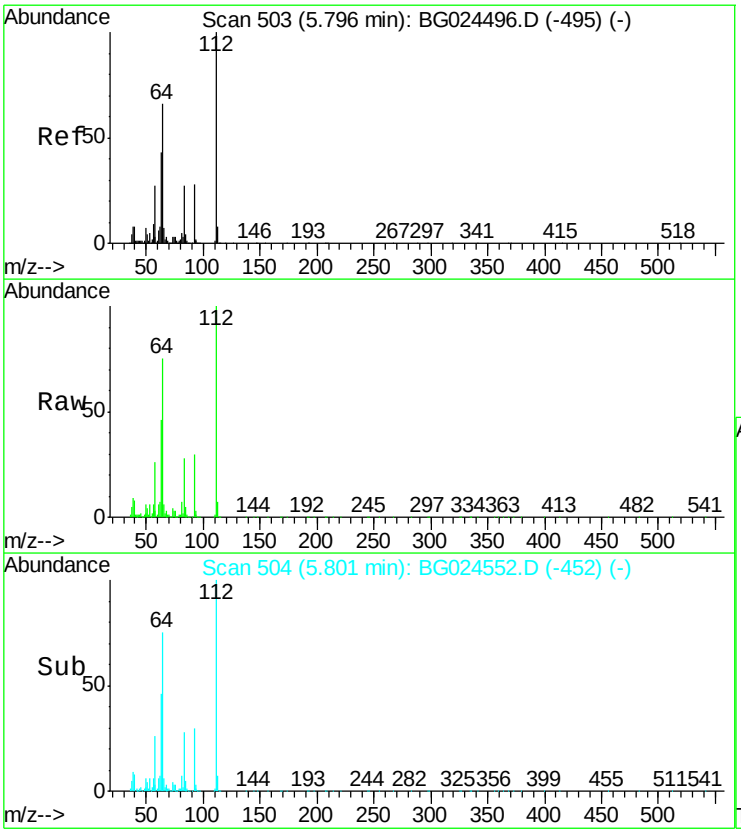
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Instrument :
BNA_G
ClientSampleId :
SB-6COMP(0-16FEET)

Tgt Ion:152 Resp: 97277

Ion	Ratio	Lower	Upper
152	100		
150	149.0	114.0	171.0
115	58.9	48.1	72.1

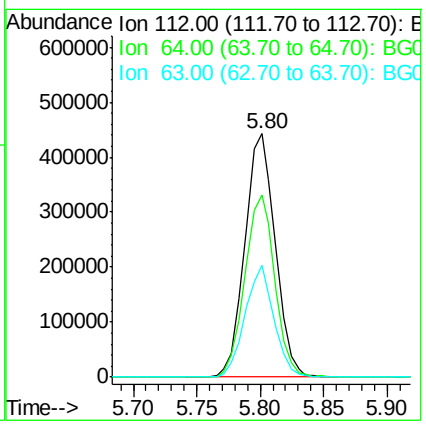


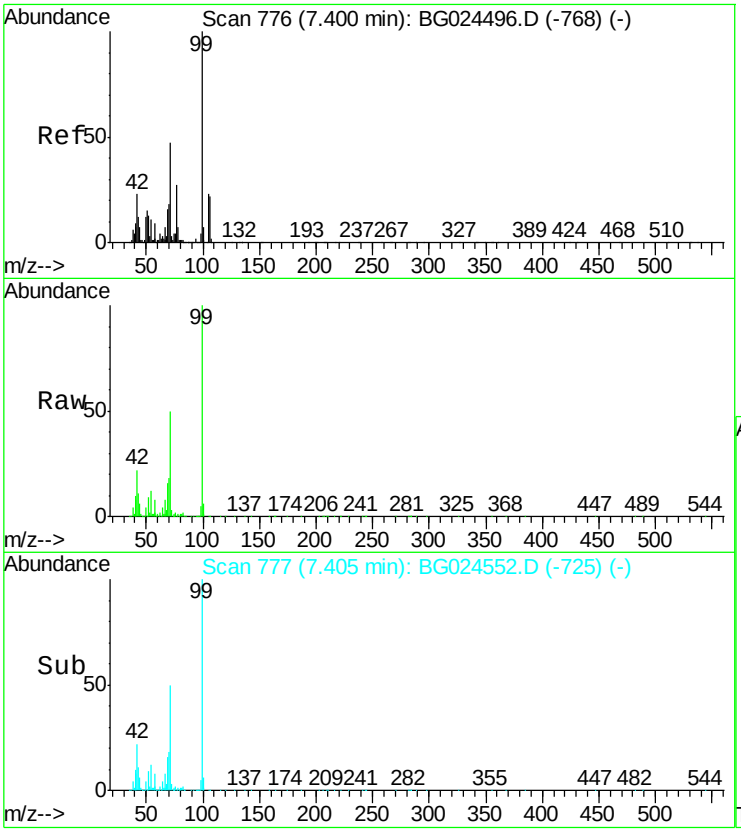


#5
2-Fluorophenol
Concen: 124.37 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Tgt Ion:112 Resp: 738146

Ion	Ratio	Lower	Upper
112	100		
64	75.0	61.8	92.6
63	45.7	37.2	55.8



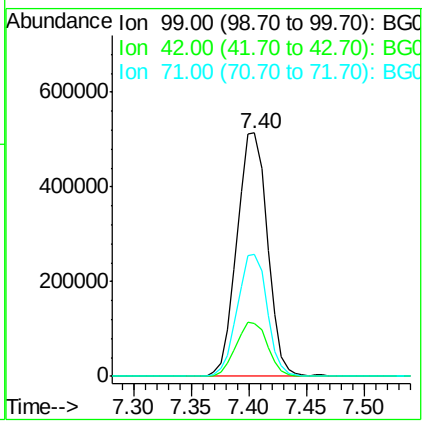


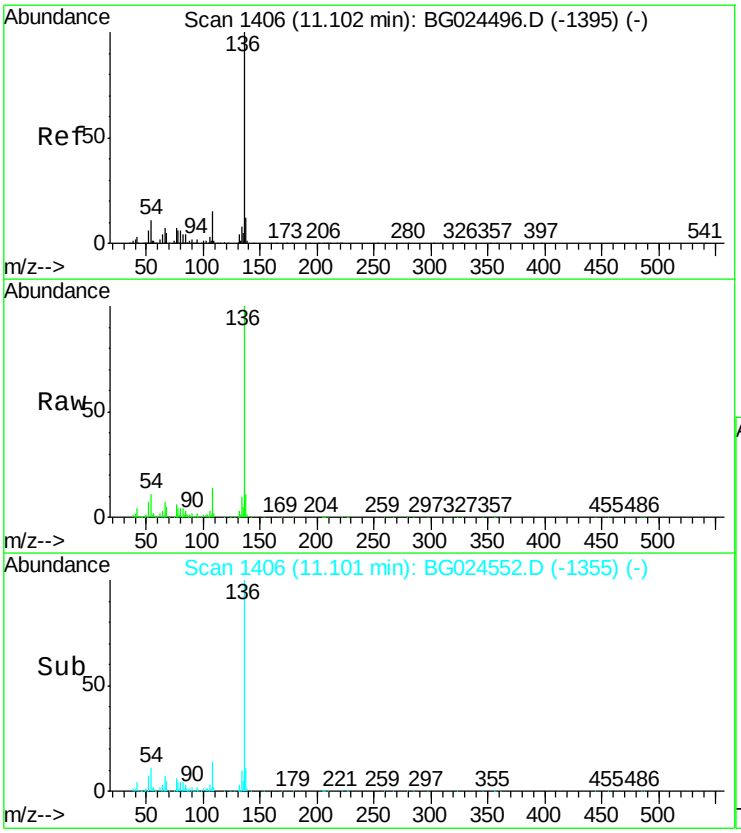
#7
Phenol-d6
Concen: 116.48 ng
RT: 7.40 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Instrument :
BNA_G
ClientSampleId :
SB-6COMP(0-16FEET)

Tgt Ion: 99 Resp: 948343

Ion	Ratio	Lower	Upper
99	100		
42	21.9	20.5	30.7
71	50.1	37.6	56.4

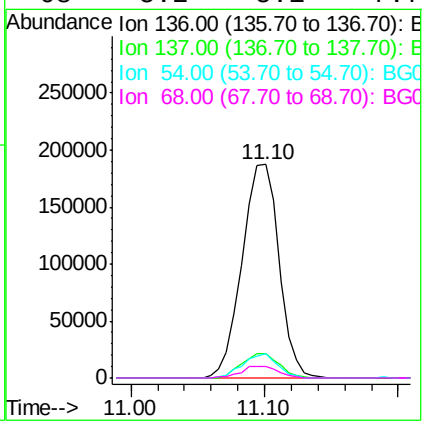


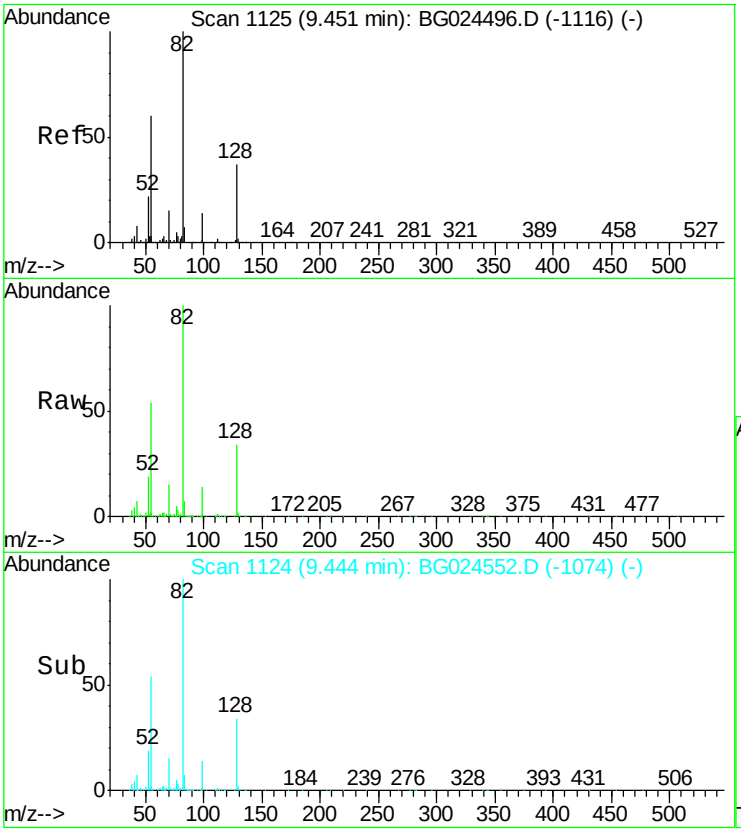


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Tgt Ion:136 Resp: 357540

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	11.4	9.3	13.9
68	5.2	5.1	7.7



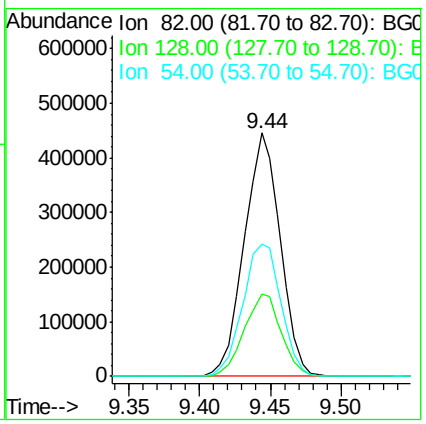


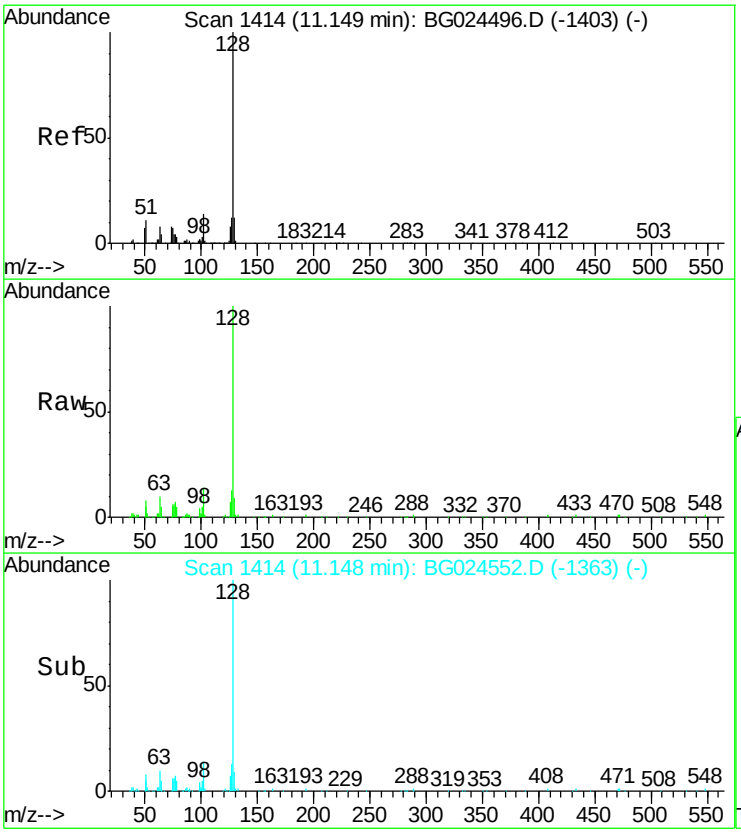
#23
Nitrobenzene-d5
Concen: 101.56 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Instrument :
BNA_G
ClientSampleId :
SB-6COMP(0-16FEET)

Tgt Ion: 82 Resp: 797516

Ion	Ratio	Lower	Upper
82	100		
128	33.8	26.4	39.6
54	54.1	49.4	74.2

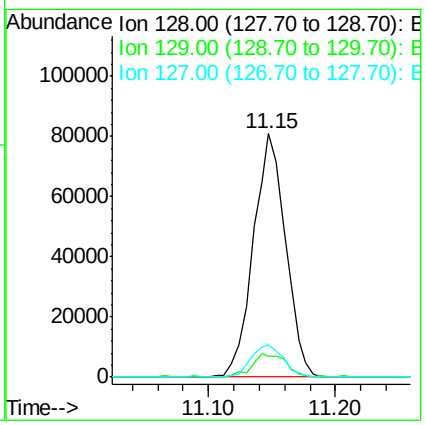


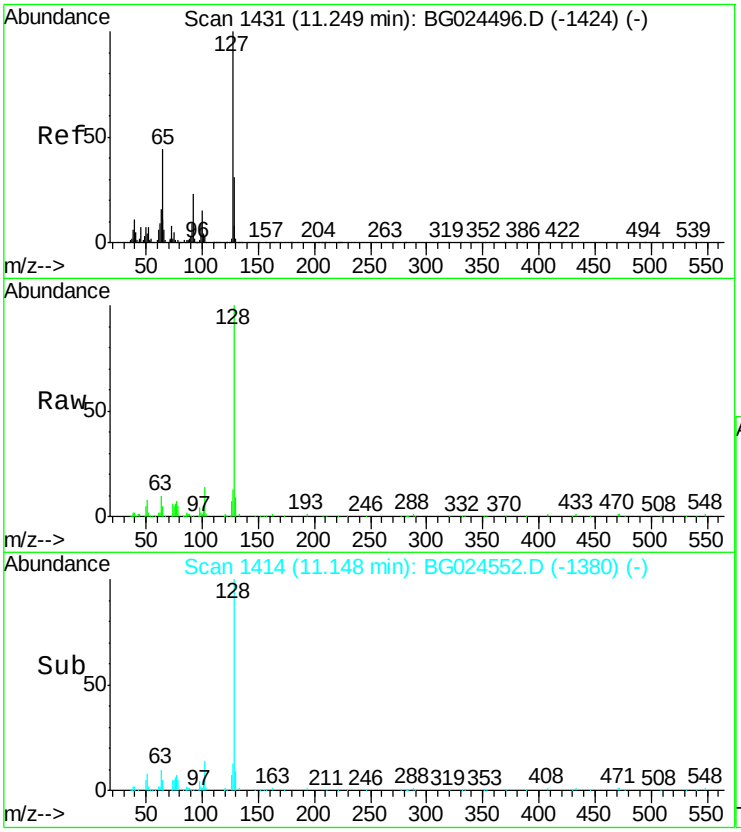


#31
Naphthalene
Concen: 8.03 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Tgt Ion:128 Resp: 143176

Ion	Ratio	Lower	Upper
128	100		
129	8.8	9.3	13.9#
127	13.3	11.4	17.0



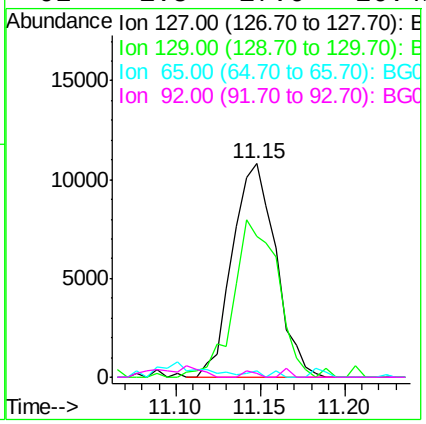


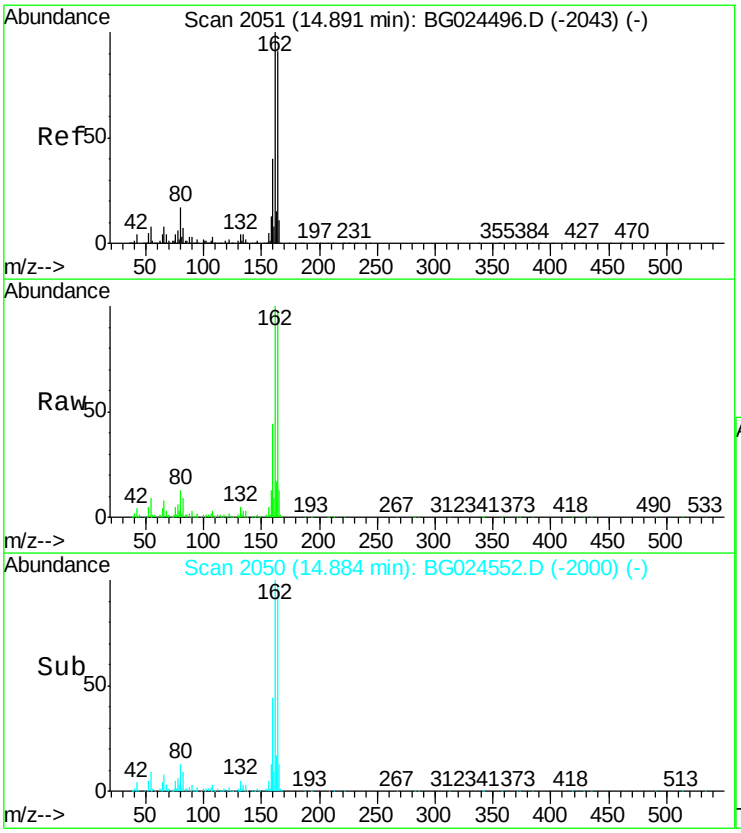
#33
4-Chloroaniline
Concen: 2.50 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.10 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Instrument :
BNA_G
ClientSampleId :
SB-6COMP(0-16FEET)

Tgt Ion:127 Resp: 19370

Ion	Ratio	Lower	Upper
127	100		
129	66.0	23.6	35.4#
65	3.1	37.7	56.5#
92	1.5	17.6	26.4#

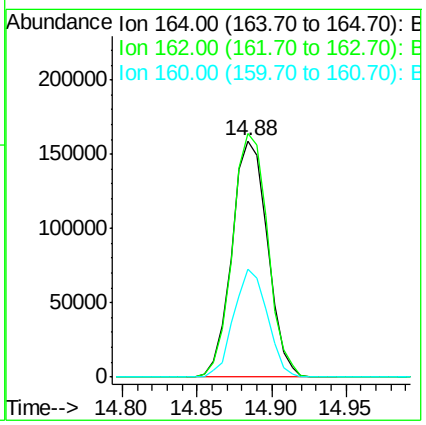


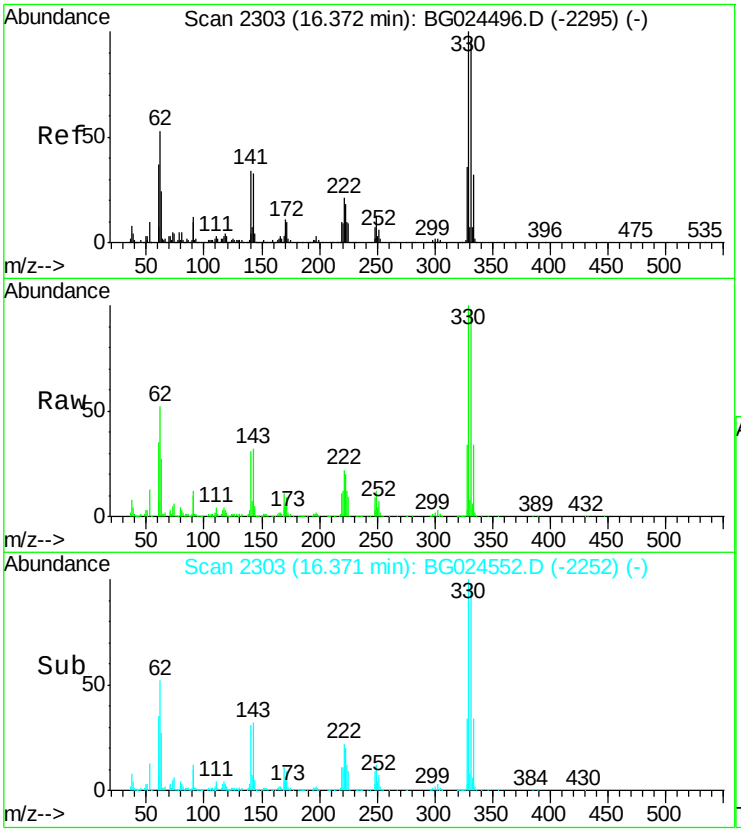


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Tgt Ion:164 Resp: 264138

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	45.6	34.7	52.1



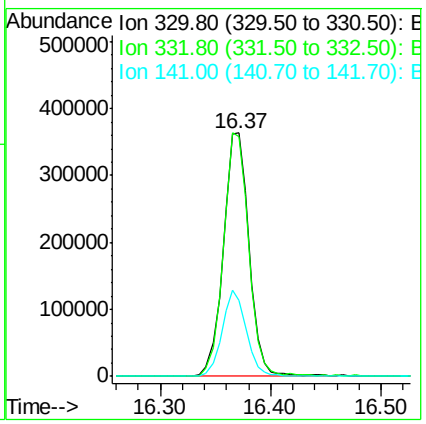


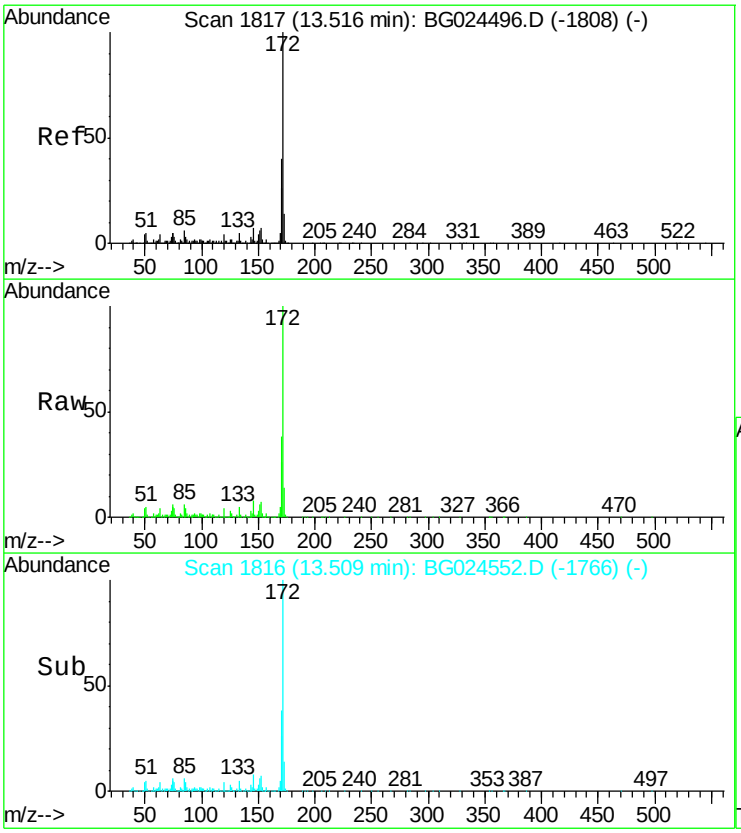
#41
2,4,6-Tribromophenol
Concen: 149.89 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Instrument :
BNA_G
ClientSampleId :
SB-6COMP(0-16FEET)

Tgt Ion:330 Resp: 591469

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.3	115.9
141	33.5	32.1	48.1

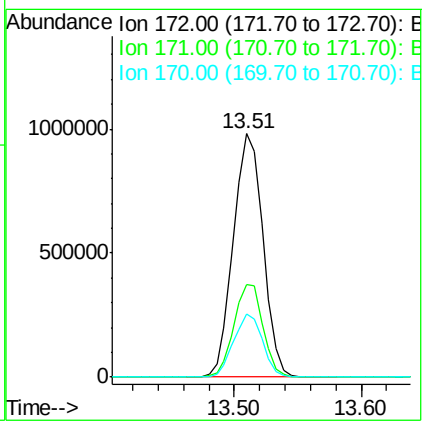


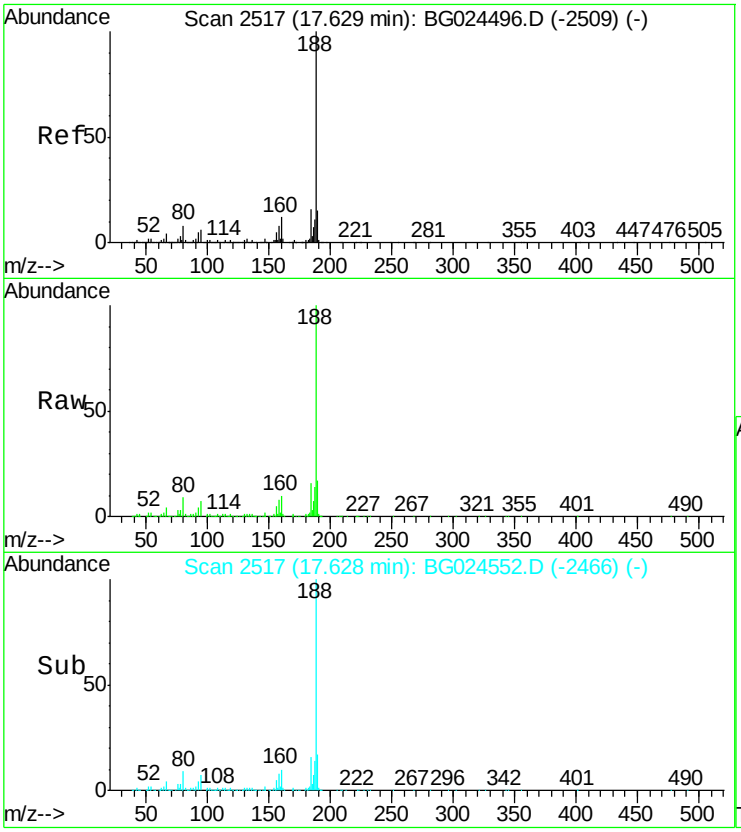


#44
2-Fluorobiphenyl
Concen: 99.94 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Tgt Ion:172 Resp: 1588265

Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	25.7	21.8	32.6



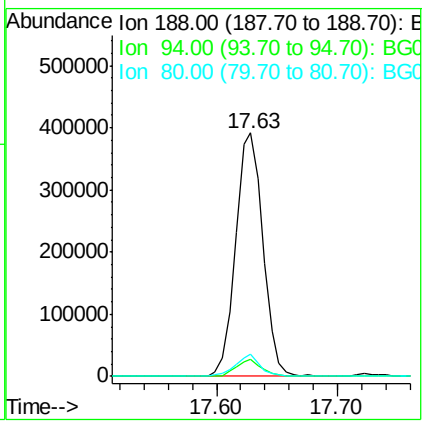


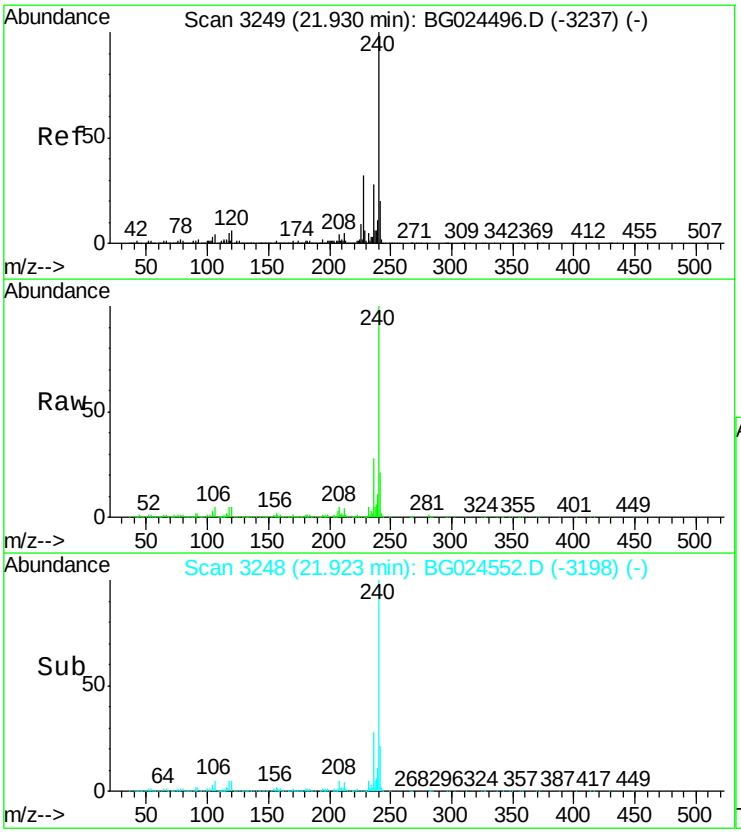
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Instrument :
BNA_G
ClientSampleId :
SB-6COMP(0-16FEET)

Tgt Ion:188 Resp: 616157

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.8
80	9.0	7.5	11.3

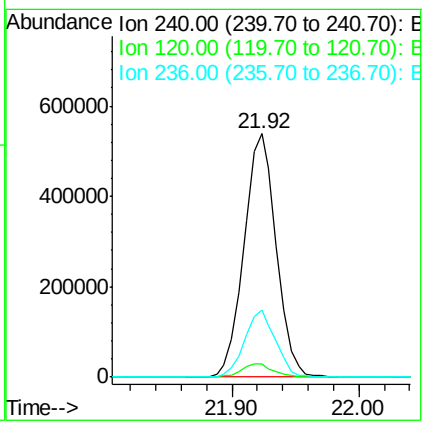


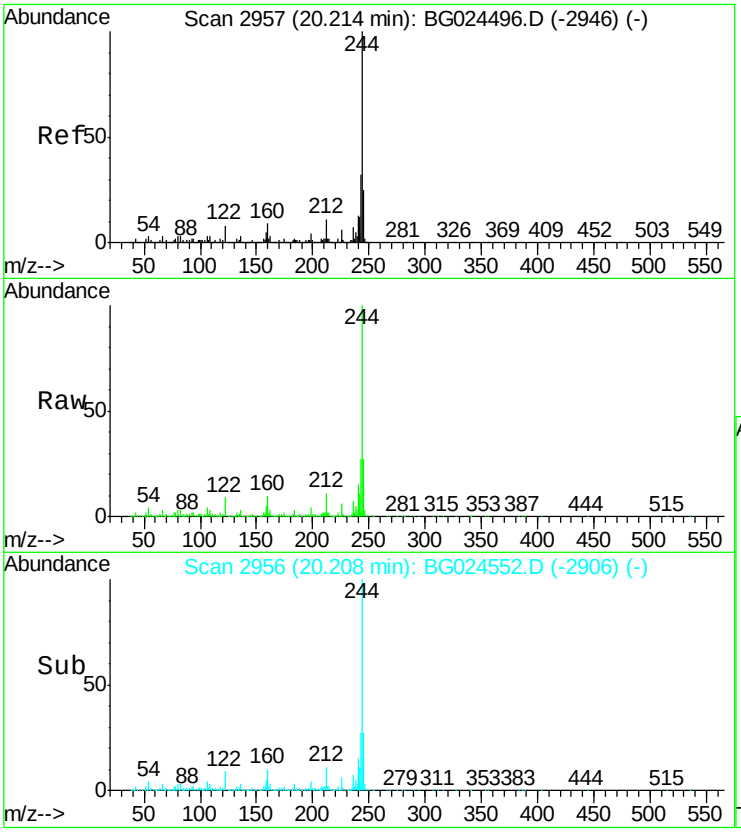


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Tgt Ion:240 Resp: 946308

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.7	8.5#
236	27.6	22.2	33.4



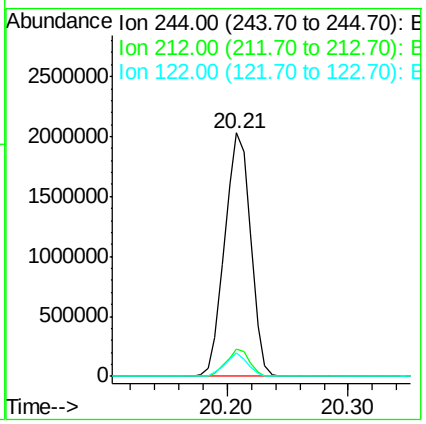


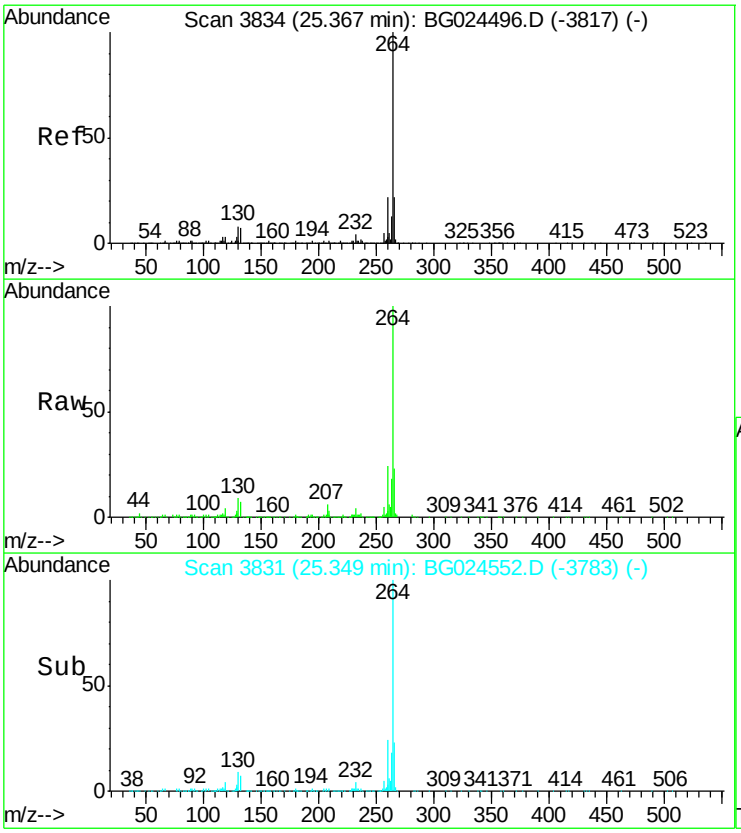
#78
Terphenyl-d14
Concen: 95.64 ng
RT: 20.21 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Instrument :
BNA_G
ClientSampleId :
SB-6COMP(0-16FEET)

Tgt Ion:244 Resp: 3028827

Ion	Ratio	Lower	Upper
244	100		
212	11.1	10.0	15.0
122	9.5	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024552.D
Acq: 28 Oct 2016 23:28

Tgt Ion:264 Resp: 789122

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	22.7	18.2	27.4