Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024588.D
Acq On : 1 Nov 2016 12:07
Operator : UM/SJ
Sample : H5478-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SD-5

Quant Time: Nov 01 13:32:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:50:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	126461	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	477025	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	371310	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	798887	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1098192	20.00	ng	0.00
86) Perylene-d12	25.35	264	1120545	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	646900	83.84	ng	0.00
7) Phenol-d6	7.41	99	913927	86.35	ng	0.00
23) Nitrobenzene-d5	9.44	82	644239	61.49	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	437075	78.79	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1056798	47.31	ng	0.00
78) Terphenyl-d14	20.20	244	1490212	40.55	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.40	77	84758	12.96	ng	95
49) Dimethylphthalate	14.32	163	406067	15.40	ng	98

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

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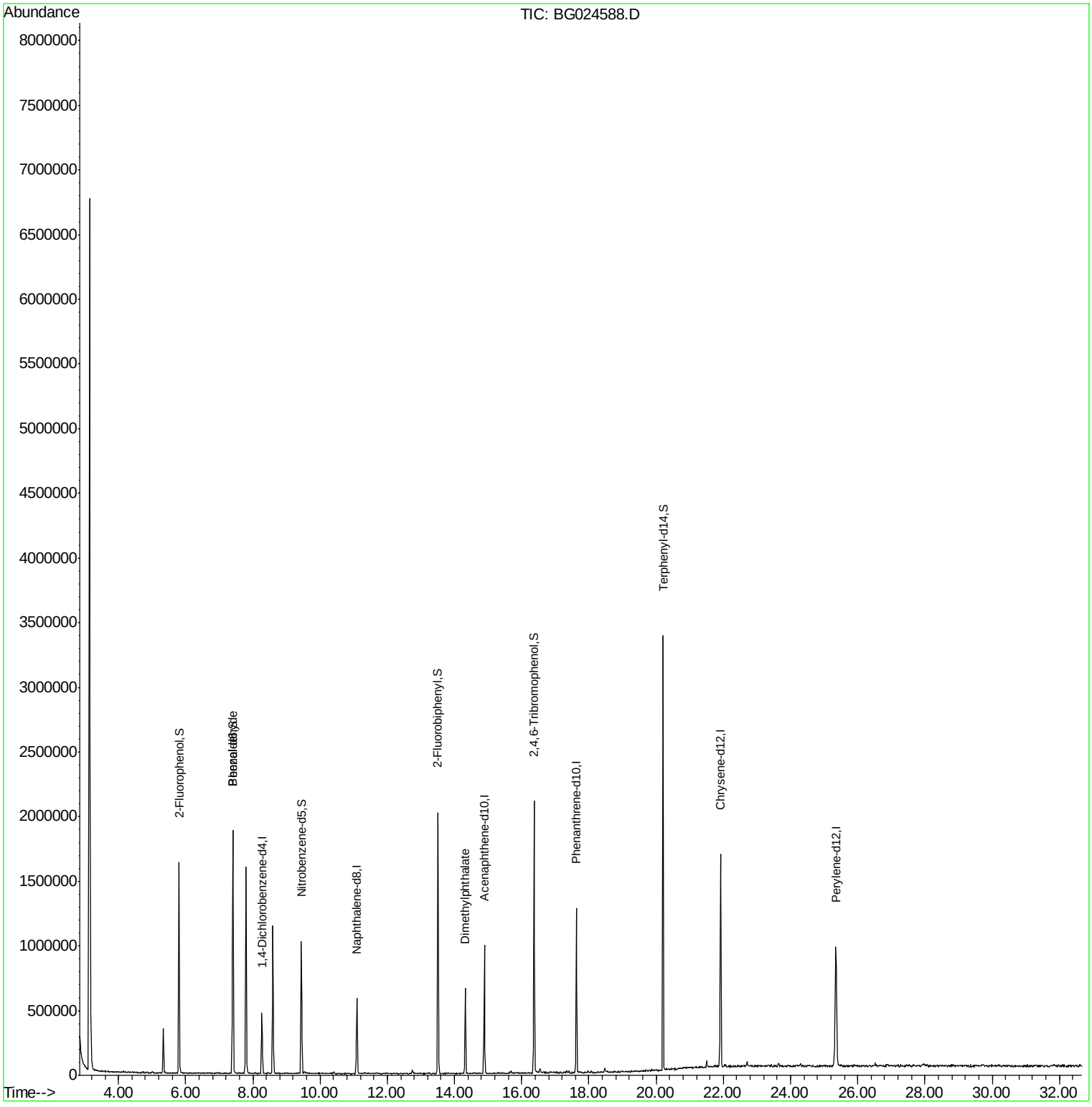
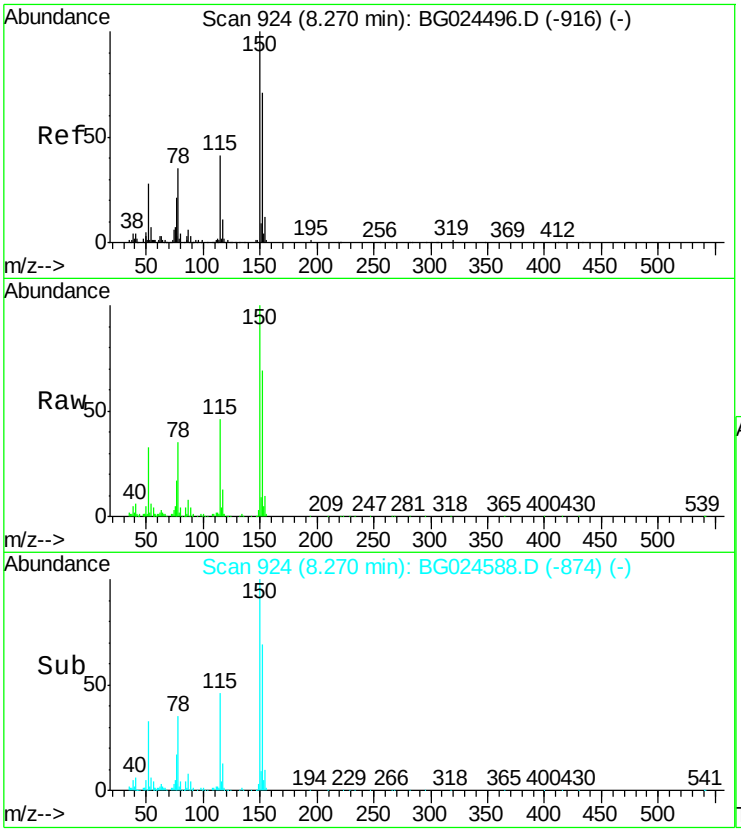


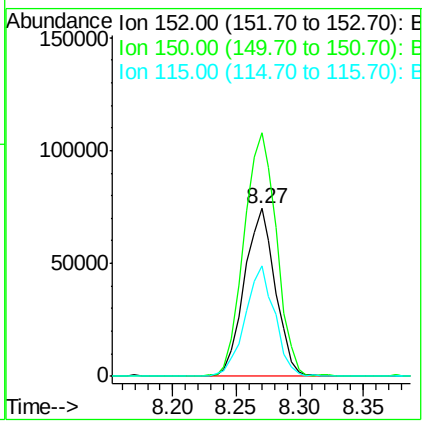


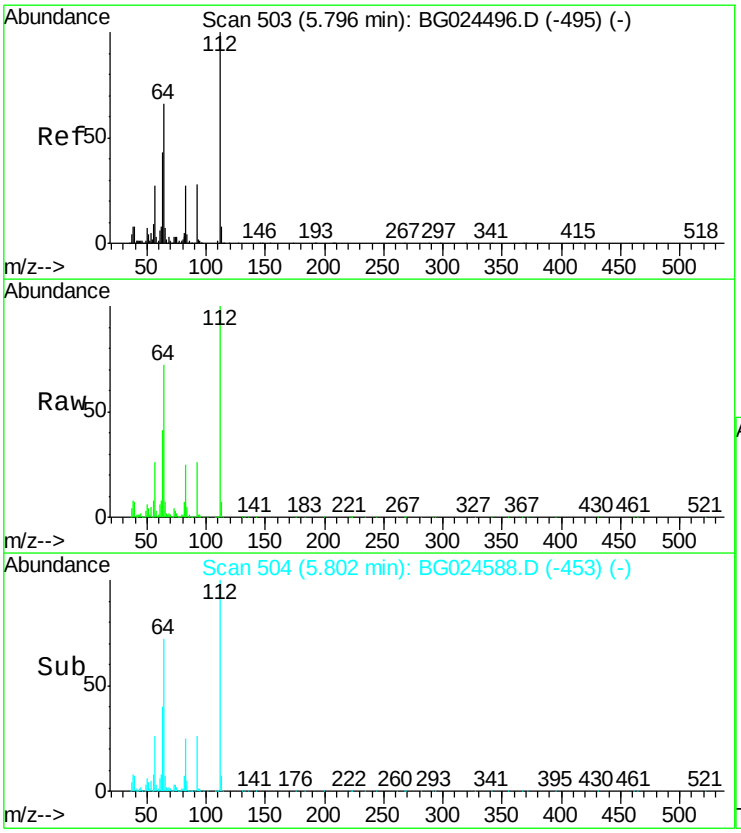
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Instrument :
BNA_G
ClientSampleId :
SD-5

Tgt Ion:152 Resp: 126461

Ion	Ratio	Lower	Upper
152	100		
150	145.2	114.0	171.0
115	66.2	48.1	72.1

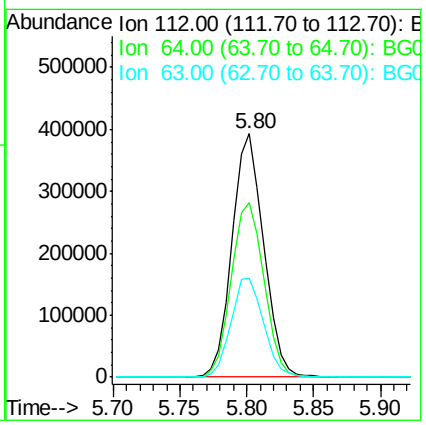


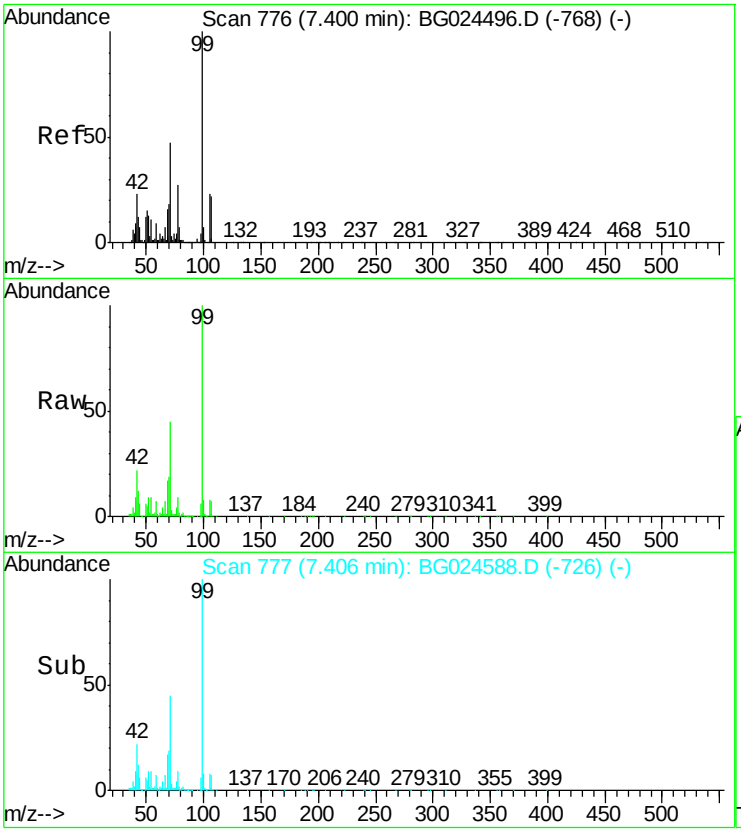


#5
2-Fluorophenol
Concen: 83.84 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Tgt Ion:112 Resp: 646900

Ion	Ratio	Lower	Upper
112	100		
64	71.7	61.8	92.6
63	40.5	37.2	55.8



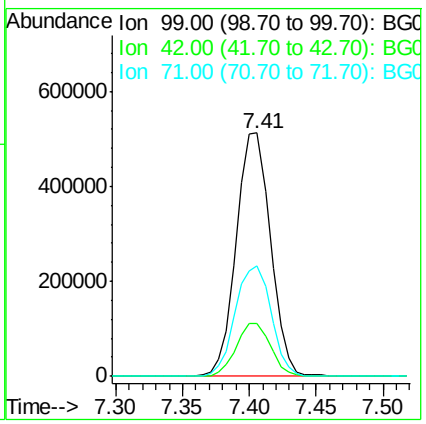


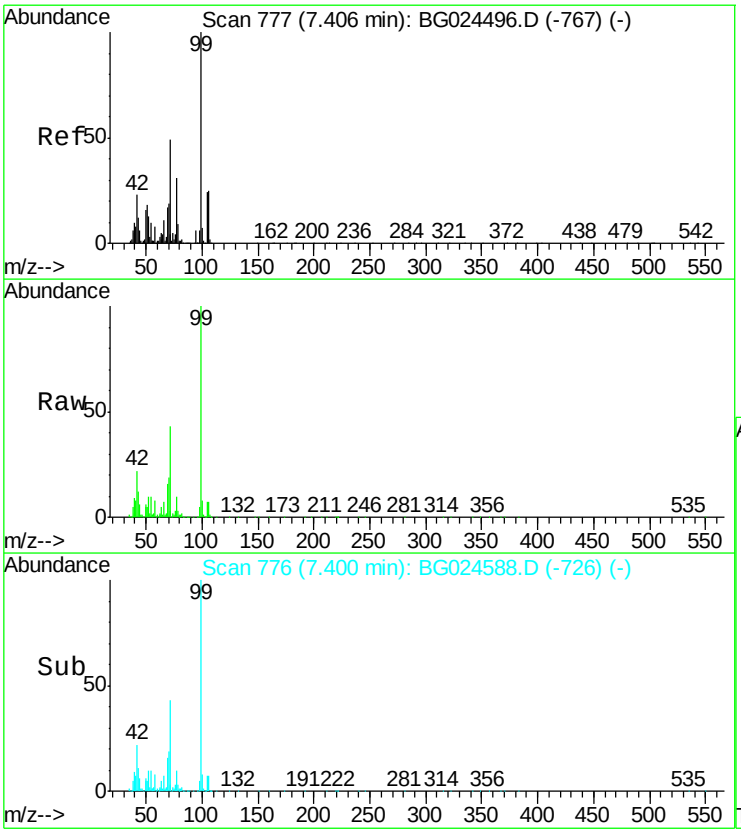
#7
Phenol-d6
Concen: 86.35 ng
RT: 7.41 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Instrument :
BNA_G
ClientSampleId :
SD-5

Tgt Ion: 99 Resp: 913927

Ion	Ratio	Lower	Upper
99	100		
42	21.5	20.5	30.7
71	45.4	37.6	56.4

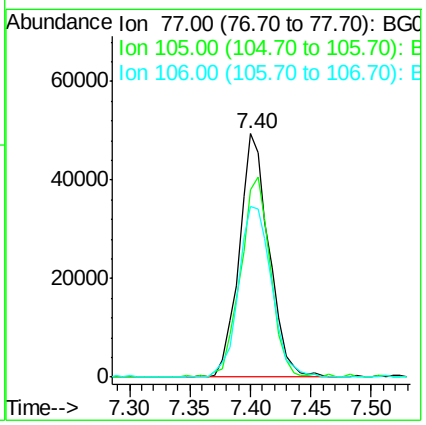


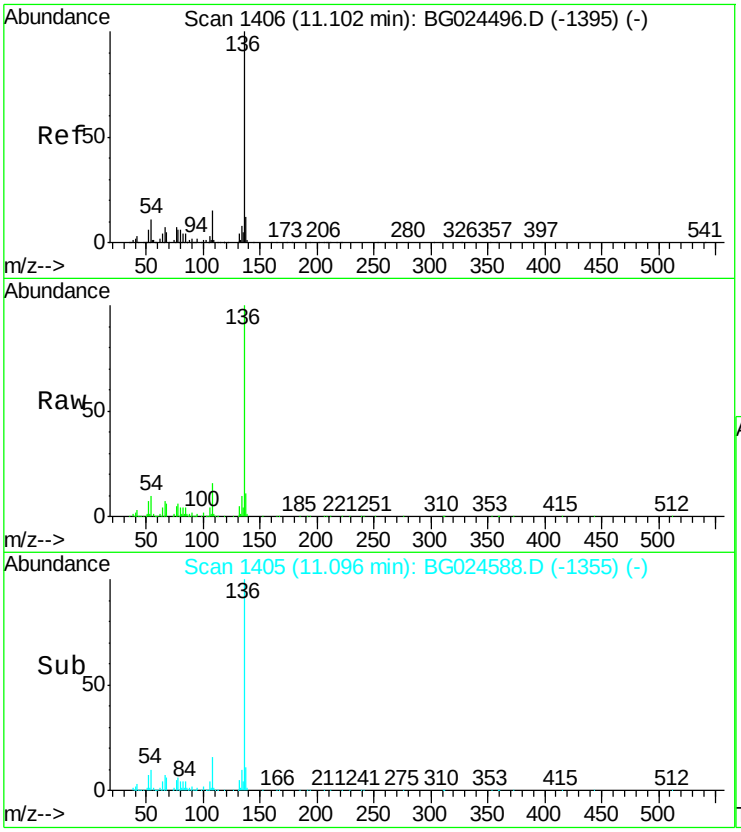


#9
Benzaldehyde
Concen: 12.96 ng
RT: 7.40 min Scan# 776
Delta R.T. -0.01 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Tgt Ion: 77 Resp: 84758

Ion	Ratio	Lower	Upper
77	100		
105	77.0	60.9	100.9
106	69.9	55.1	95.1



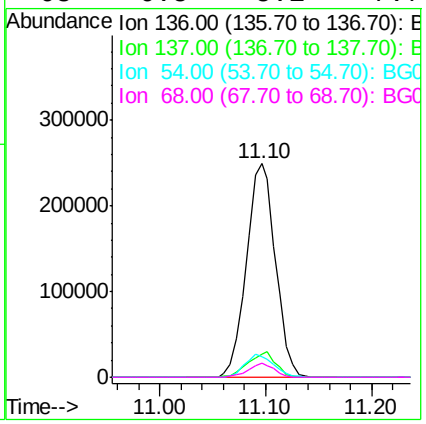


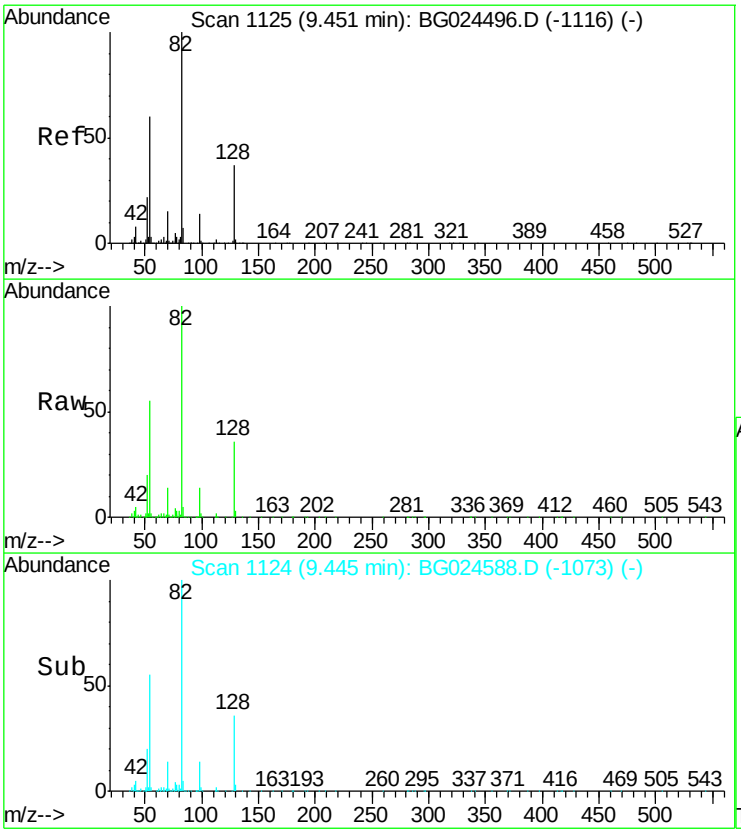
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Instrument :
BNA_G
ClientSampleId :
SD-5

Tgt Ion:136 Resp: 477025

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.9	9.3	13.9
68	6.5	5.1	7.7

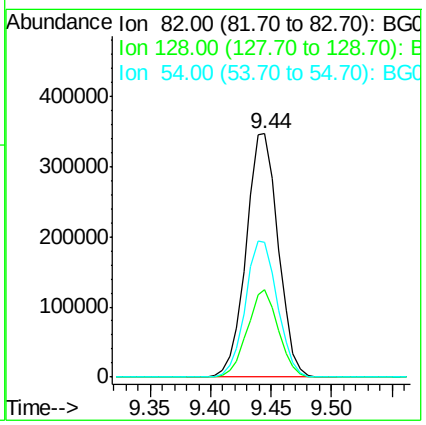


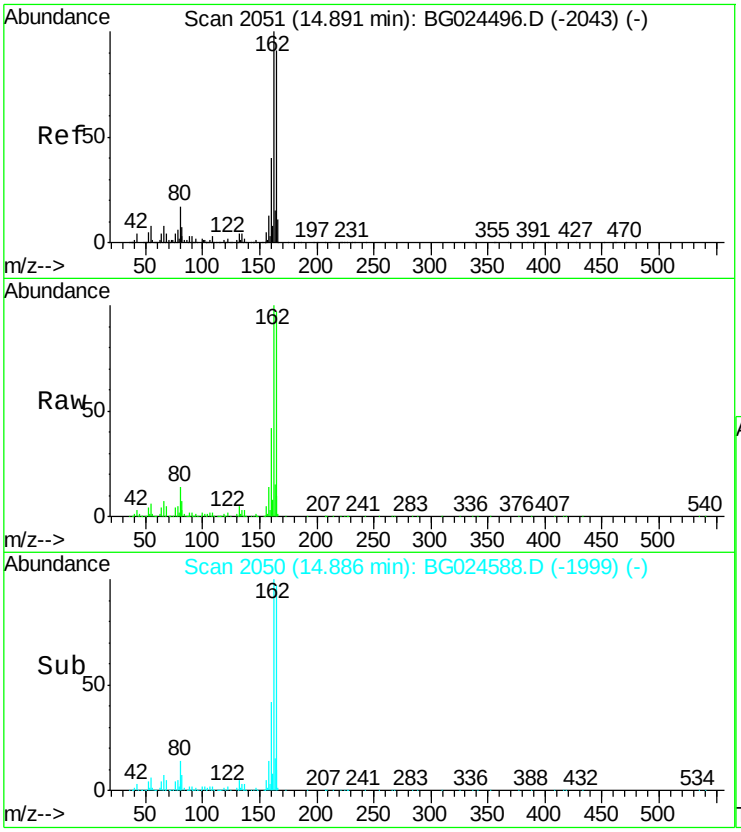


#23
Nitrobenzene-d5
Concen: 61.49 ng
RT: 9.44 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Tgt Ion: 82 Resp: 644239

Ion	Ratio	Lower	Upper
82	100		
128	35.7	26.4	39.6
54	55.2	49.4	74.2



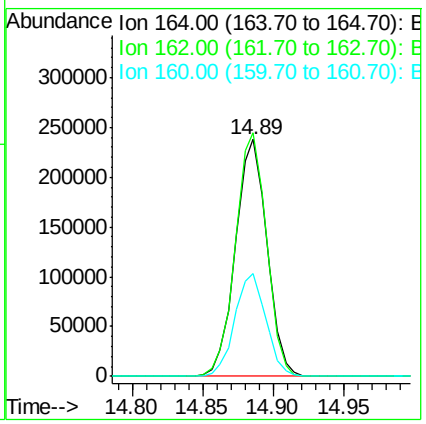


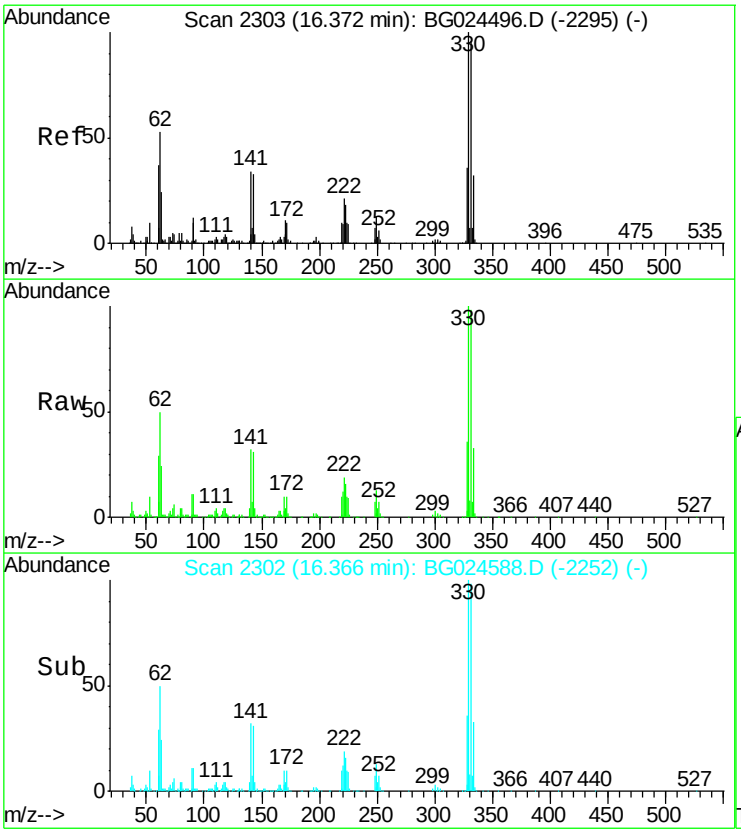
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Instrument :
BNA_G
ClientSampleId :
SD-5

Tgt Ion:164 Resp: 371310

Ion	Ratio	Lower	Upper
164	100		
162	102.7	85.1	127.7
160	43.3	34.7	52.1

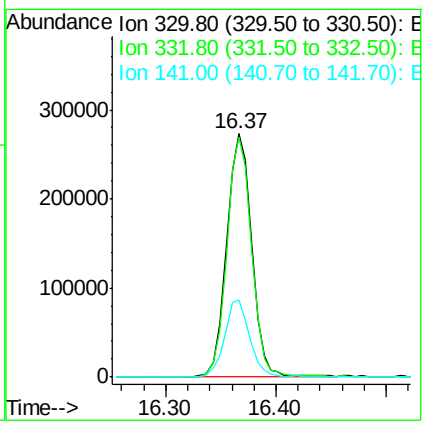


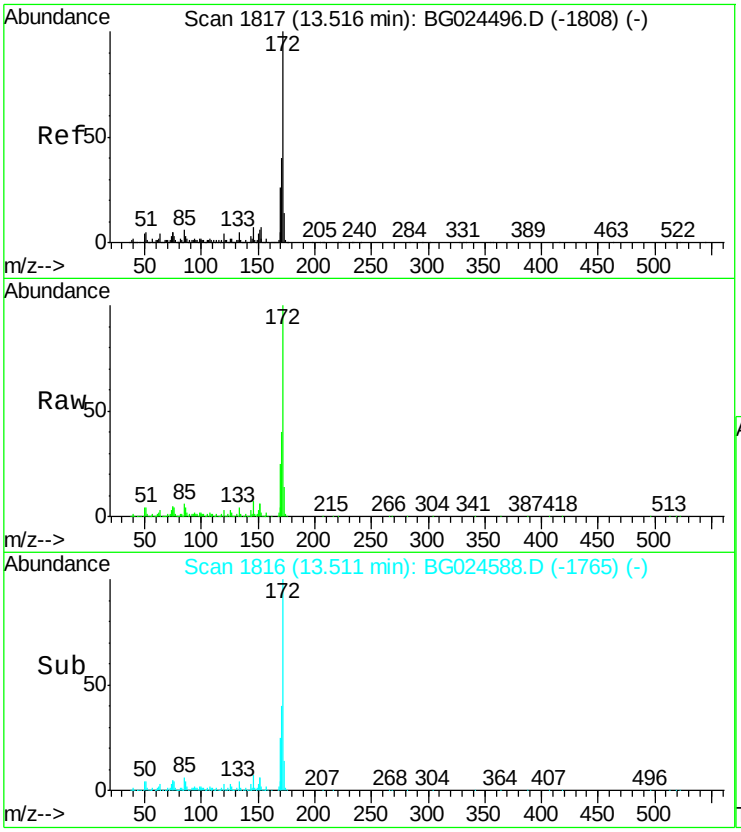


#41
2,4,6-Tribromophenol
Concen: 78.79 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Tgt Ion:330 Resp: 437075

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	31.3	32.1	48.1#



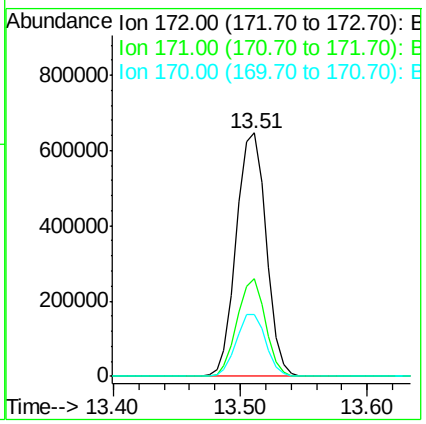


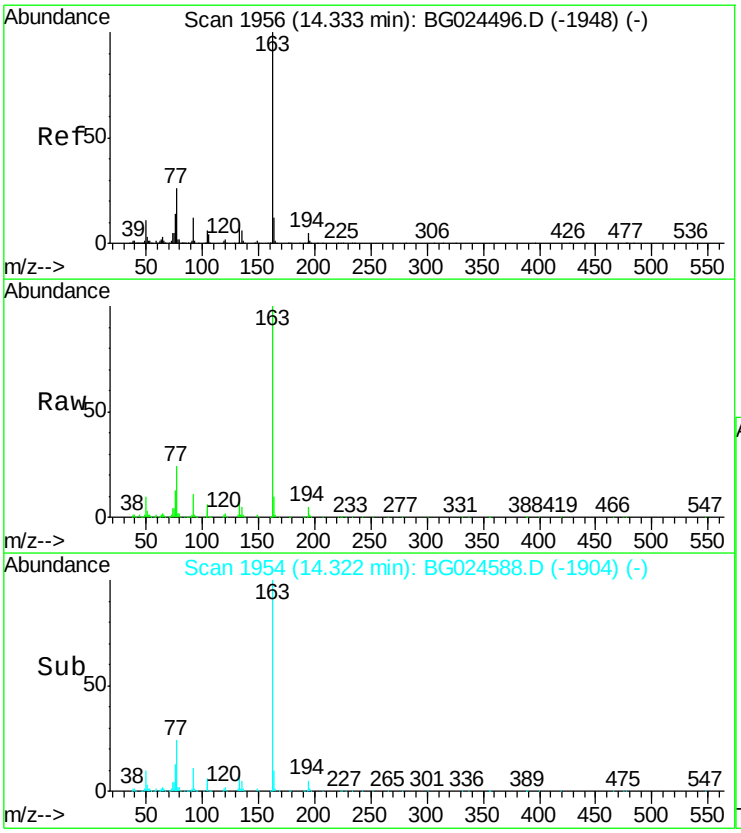
#44
2-Fluorobiphenyl
Concen: 47.31 ng
RT: 13.51 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Instrument :
BNA_G
ClientSampleId :
SD-5

Tgt Ion:172 Resp: 1056798

Ion	Ratio	Lower	Upper
172	100		
171	40.3	32.2	48.2
170	25.4	21.8	32.6

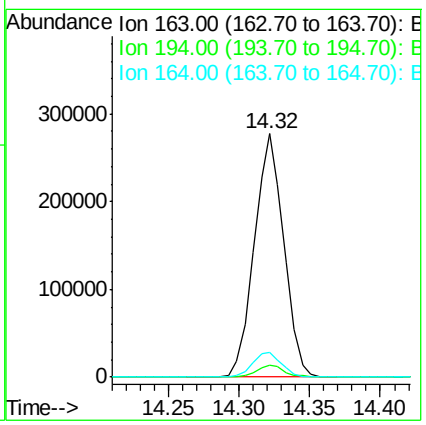


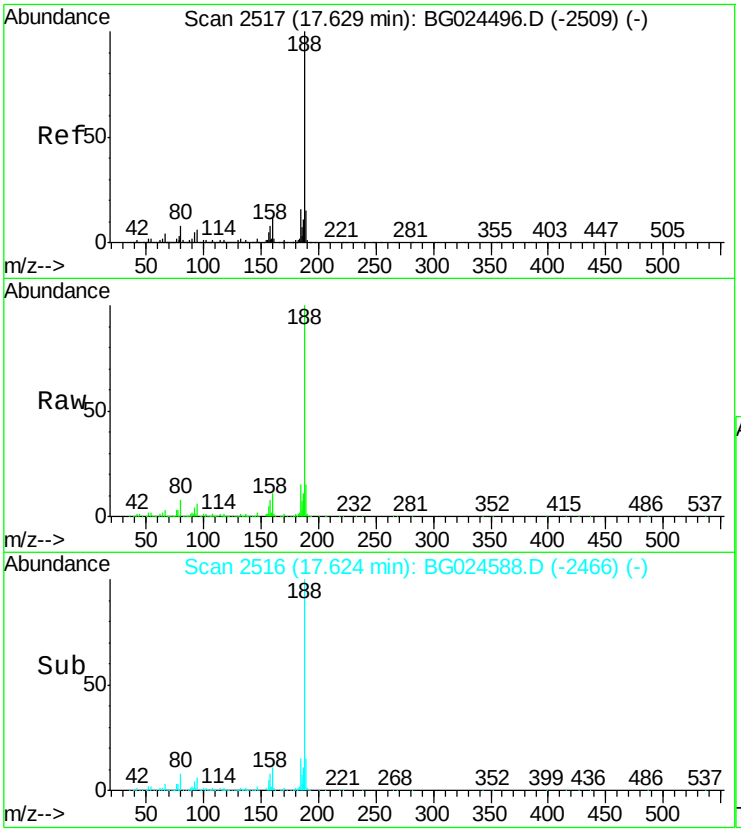


#49
Dimethylphthalate
Concen: 15.40 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Tgt Ion:163 Resp: 406067

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.6
164	10.4	9.3	13.9



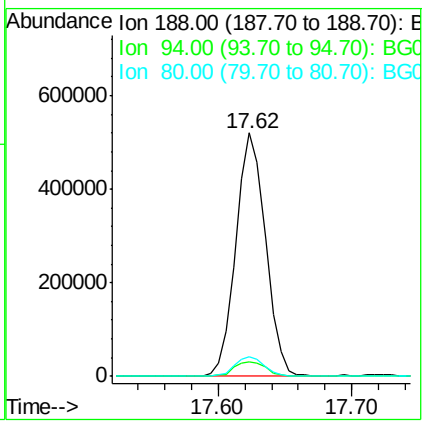


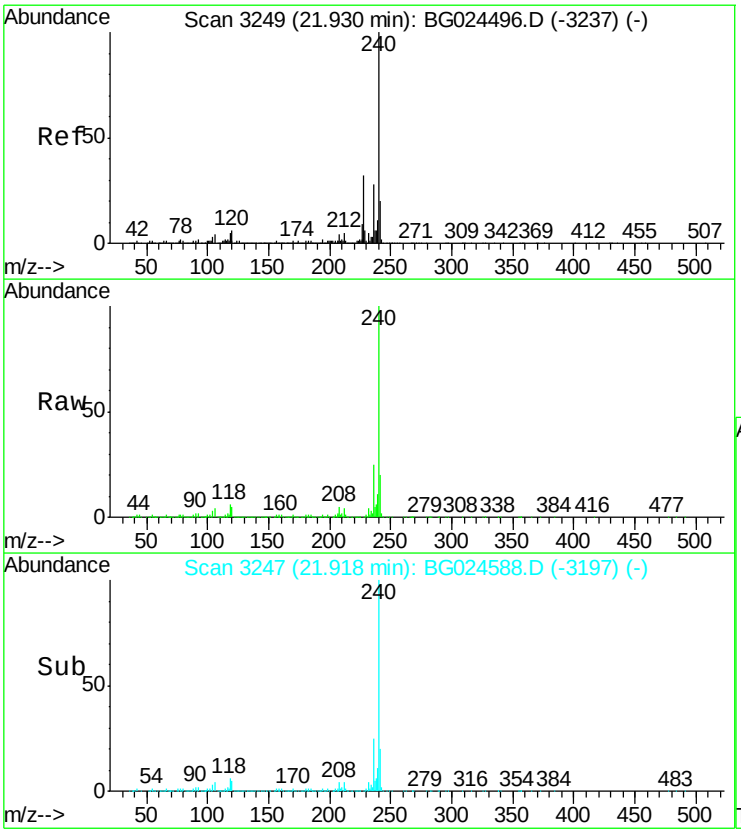
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Instrument :
BNA_G
ClientSampleId :
SD-5

Tgt Ion:188 Resp: 798887

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.8	8.8
80	8.2	7.5	11.3

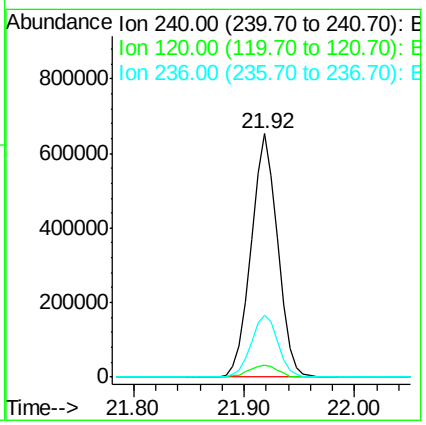


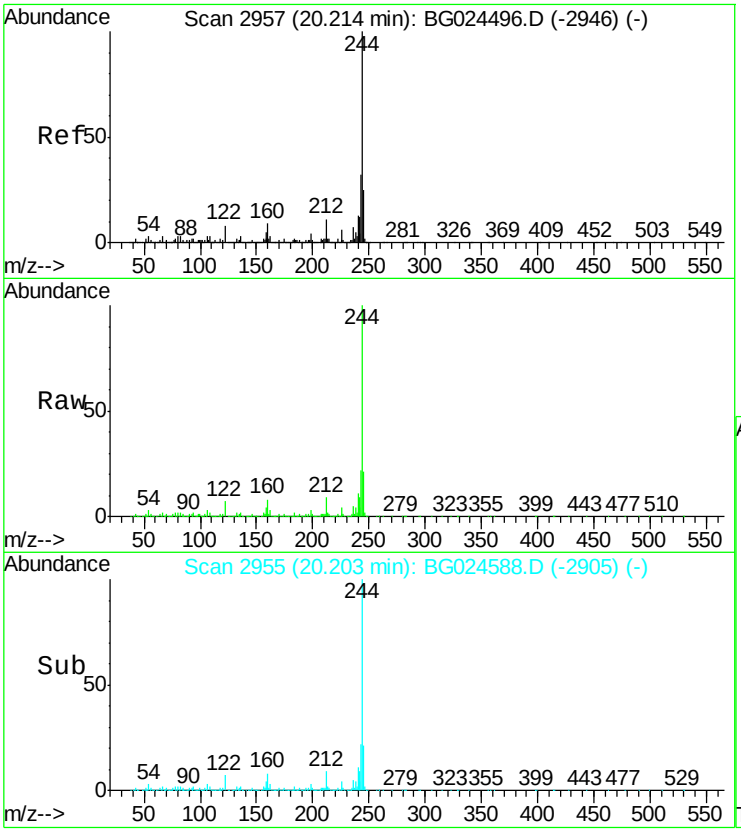


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Tgt Ion:240 Resp: 1098192

Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.7	8.5#
236	25.5	22.2	33.4



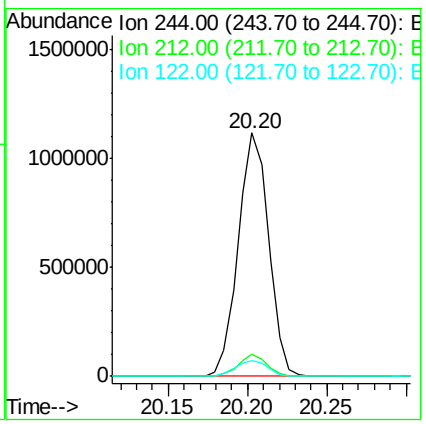


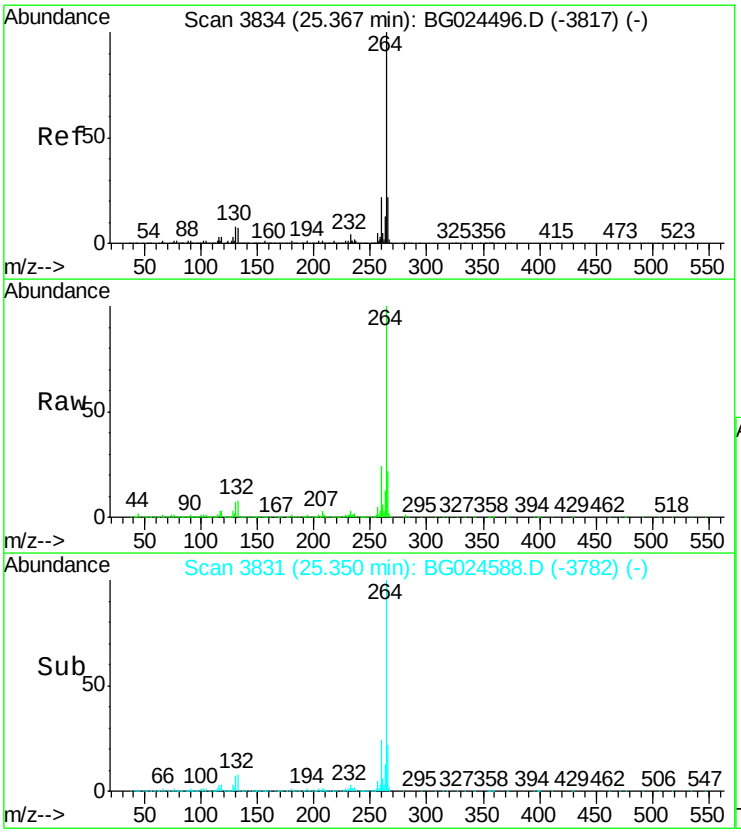
#78
Terphenyl-d14
Concen: 40.55 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Instrument :
BNA_G
ClientSampleId :
SD-5

Tgt Ion:244 Resp: 1490212

Ion	Ratio	Lower	Upper
244	100		
212	9.1	10.0	15.0#
122	6.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BG024588.D
Acq: 1 Nov 2016 12:07

Tgt Ion:264 Resp: 1120545

Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.8	32.8
265	21.9	18.2	27.4