Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025502.D
Acq On : 13 Jan 2017 4:15
Operator : UM/SJ
Sample : I1135-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-41

Quant Time: Jan 13 05:35:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	58214	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	254052	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	206638	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	483714	20.00	ng	0.00
75) Chrysene-d12	21.86	240	674923	20.00	ng	0.00
86) Perylene-d12	25.26	264	722141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	286166	89.35	ng	0.00
7) Phenol-d6	7.36	99	262676	58.24	ng	0.00
23) Nitrobenzene-d5	9.38	82	639377	111.18	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	576164	173.19	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	1364758	106.93	ng	0.00
78) Terphenyl-d14	20.15	244	2526565	99.26	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.27	163	31401	2.08	ng	# 92

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

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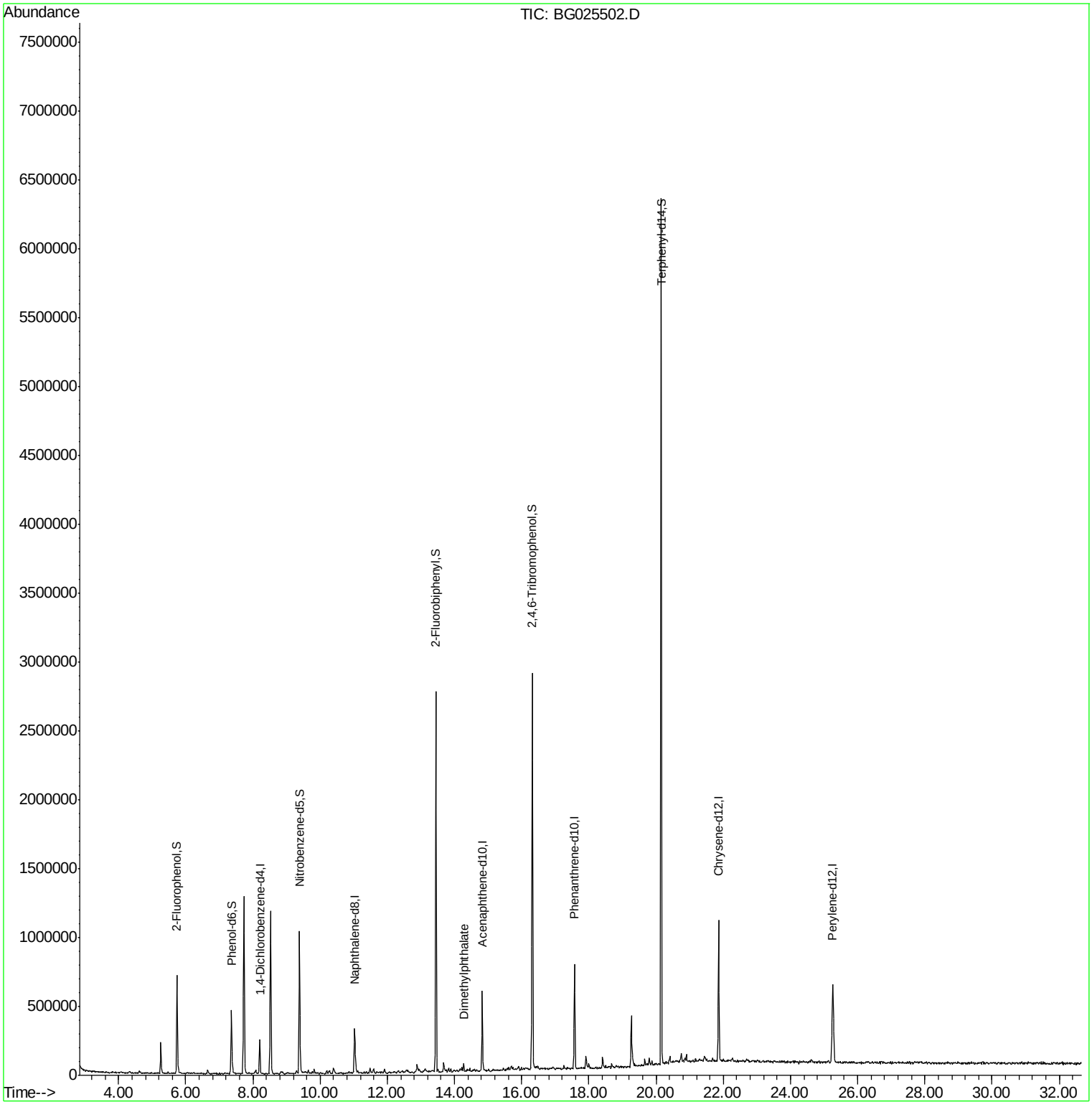
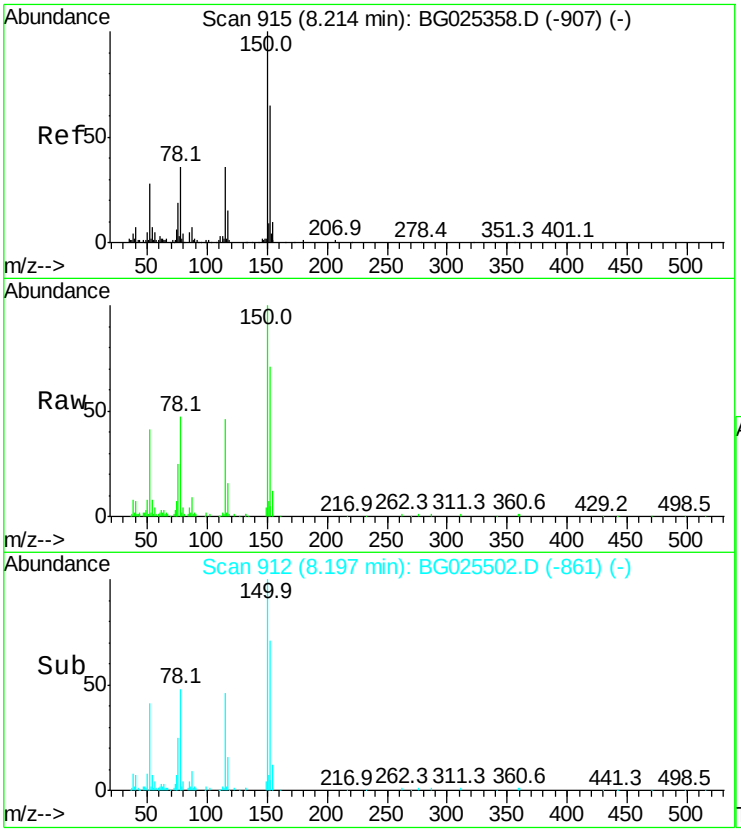


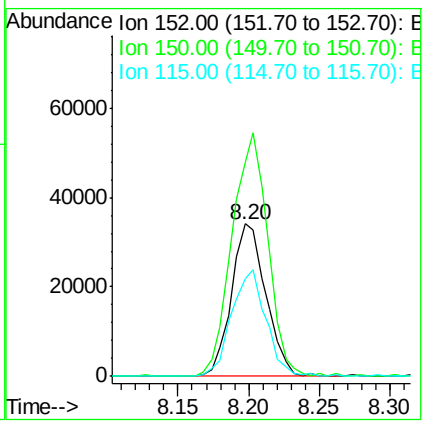


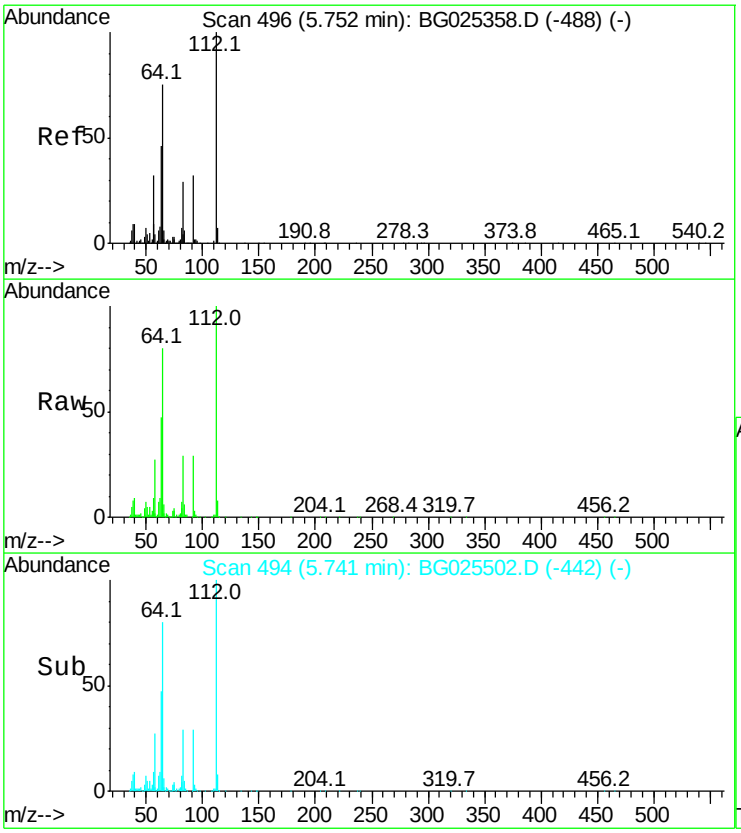
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 912
Delta R.T. 0.00 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Instrument :
BNA_G
ClientSampleId :
W-41

Tgt Ion:152 Resp: 58214

Ion	Ratio	Lower	Upper
152	100		
150	140.9	114.0	171.0
115	64.5	48.1	72.1

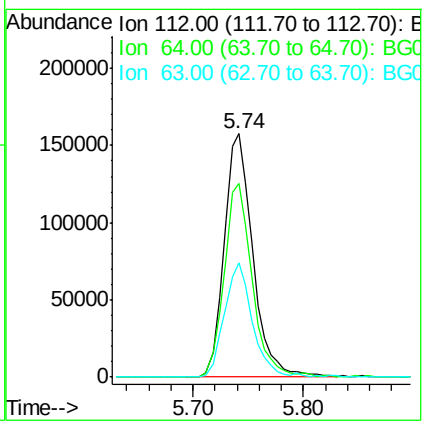


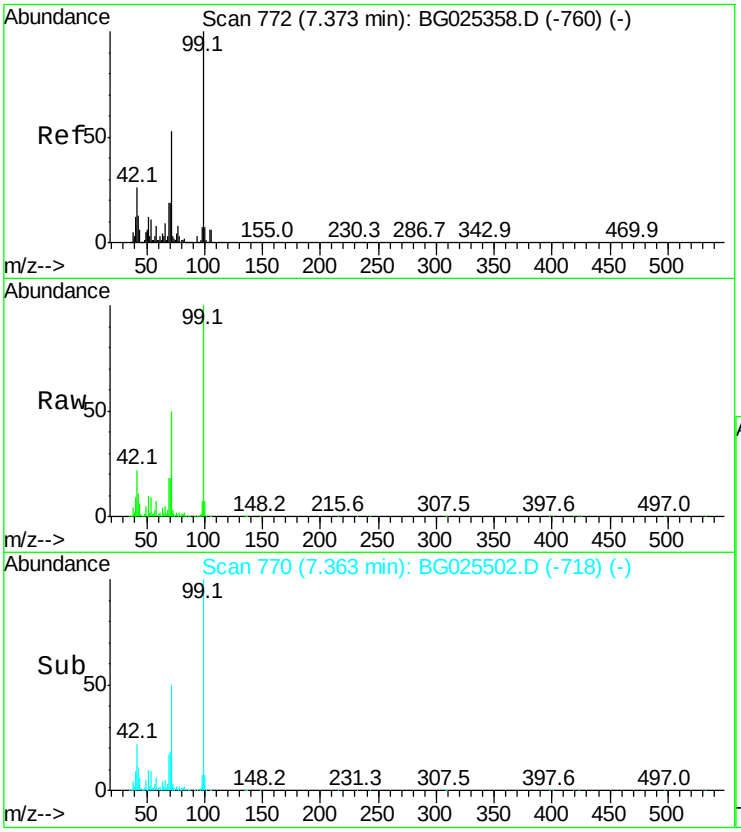


#5
2-Fluorophenol
Concen: 89.35 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Tgt Ion:112 Resp: 286166

Ion	Ratio	Lower	Upper
112	100		
64	79.8	61.8	92.6
63	46.9	37.2	55.8



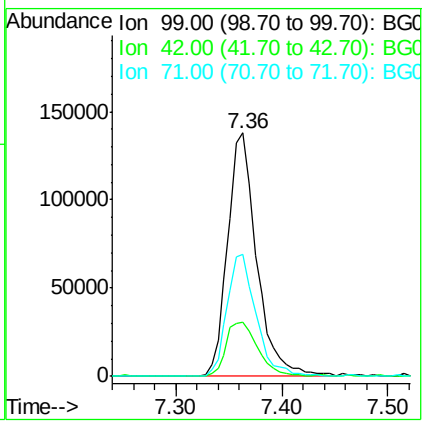


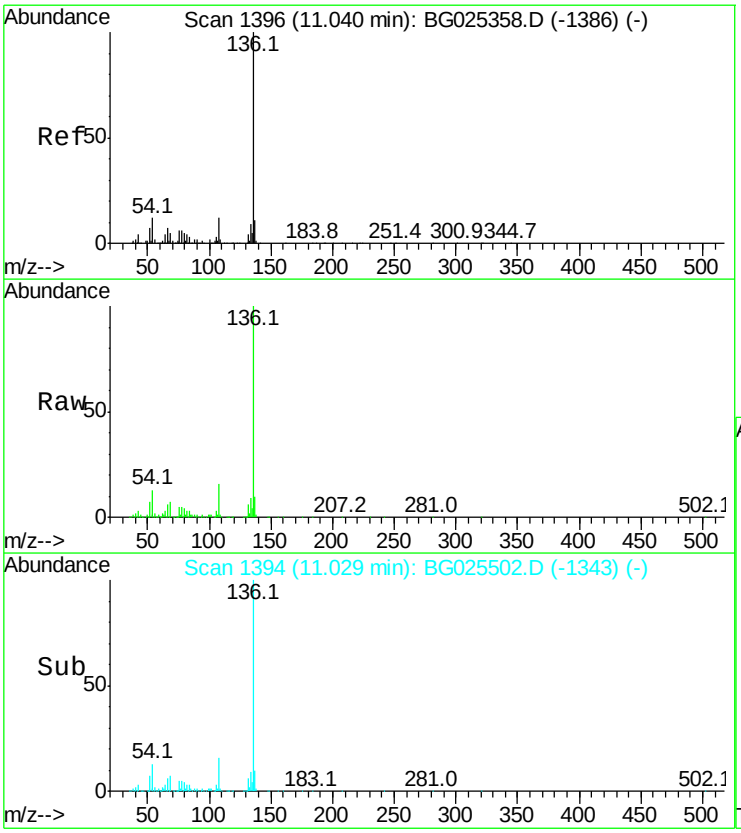
#7
Phenol-d6
Concen: 58.24 ng
RT: 7.36 min Scan# 770
Delta R.T. 0.01 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Instrument :
BNA_G
ClientSampleId :
W-41

Tgt Ion: 99 Resp: 262676

Ion	Ratio	Lower	Upper
99	100		
42	22.1	20.5	30.7
71	50.0	37.6	56.4

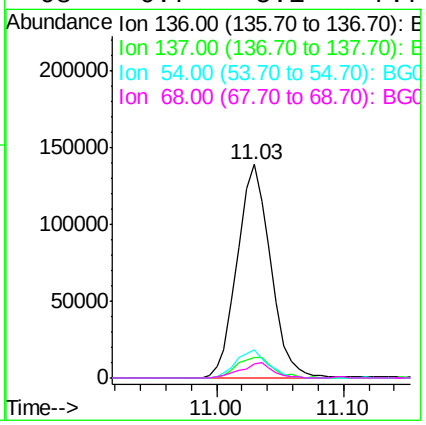


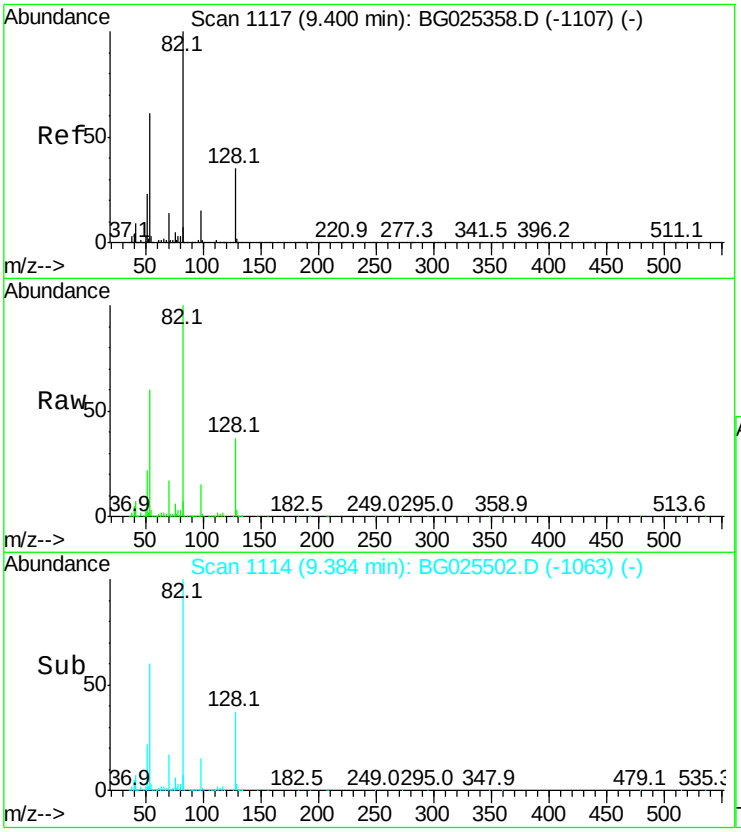


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Tgt Ion:136 Resp: 254052

Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.9	13.3
54	13.2	9.3	13.9
68	6.7	5.1	7.7



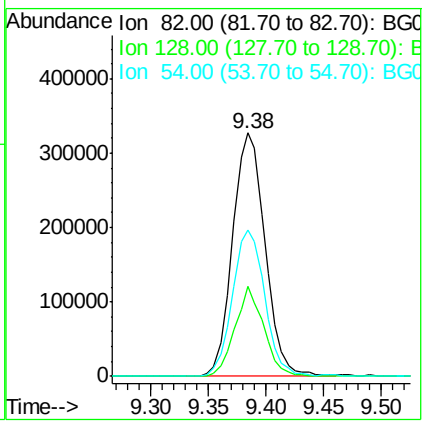


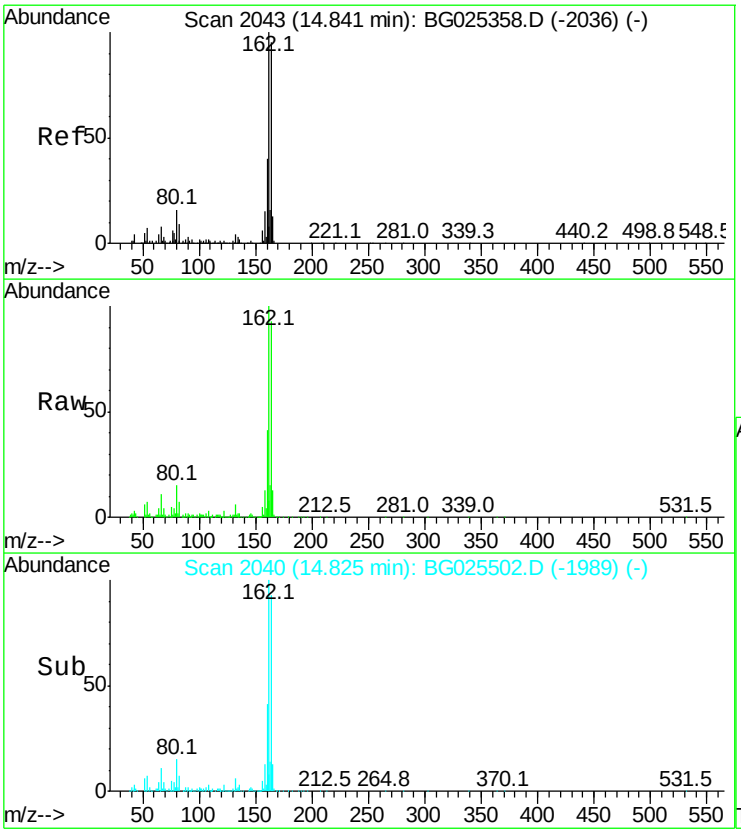
#23
Nitrobenzene-d5
Concen: 111.18 ng
RT: 9.38 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Instrument :
BNA_G
ClientSampleId :
W-41

Tgt Ion: 82 Resp: 639377

Ion	Ratio	Lower	Upper
82	100		
128	36.9	26.4	39.6
54	60.0	49.4	74.2

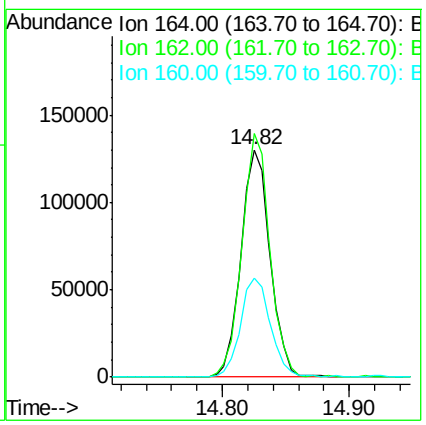


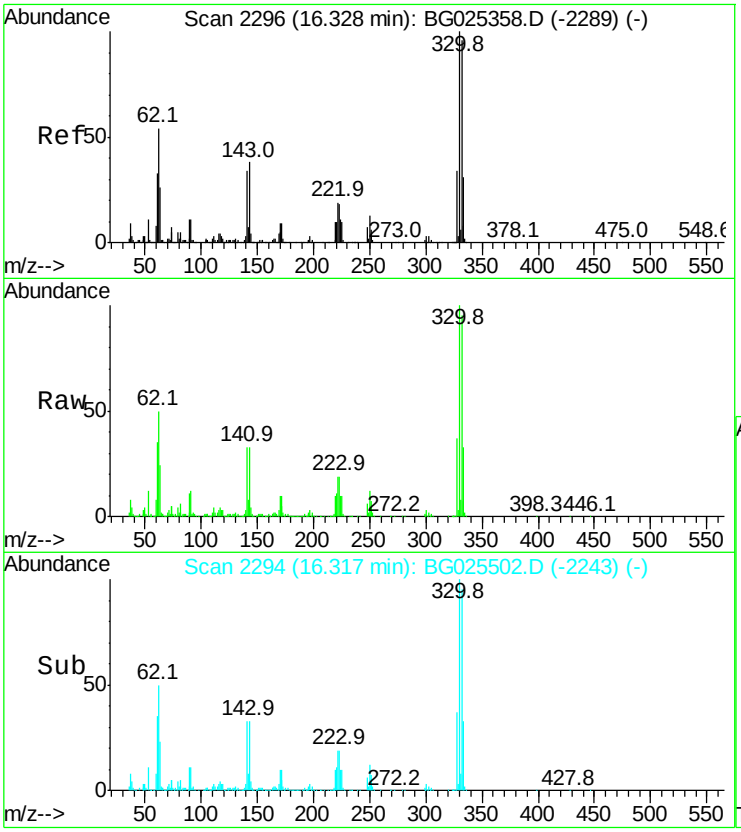


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Tgt Ion:164 Resp: 206638

Ion	Ratio	Lower	Upper
164	100		
162	107.3	85.1	127.7
160	43.7	34.7	52.1



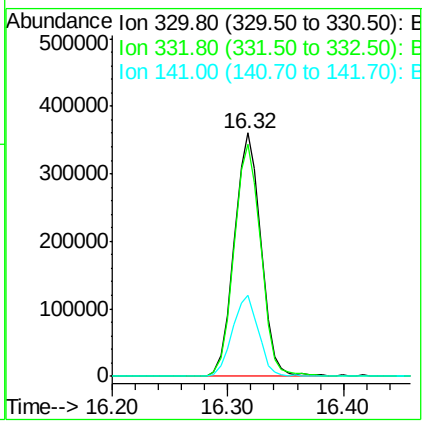


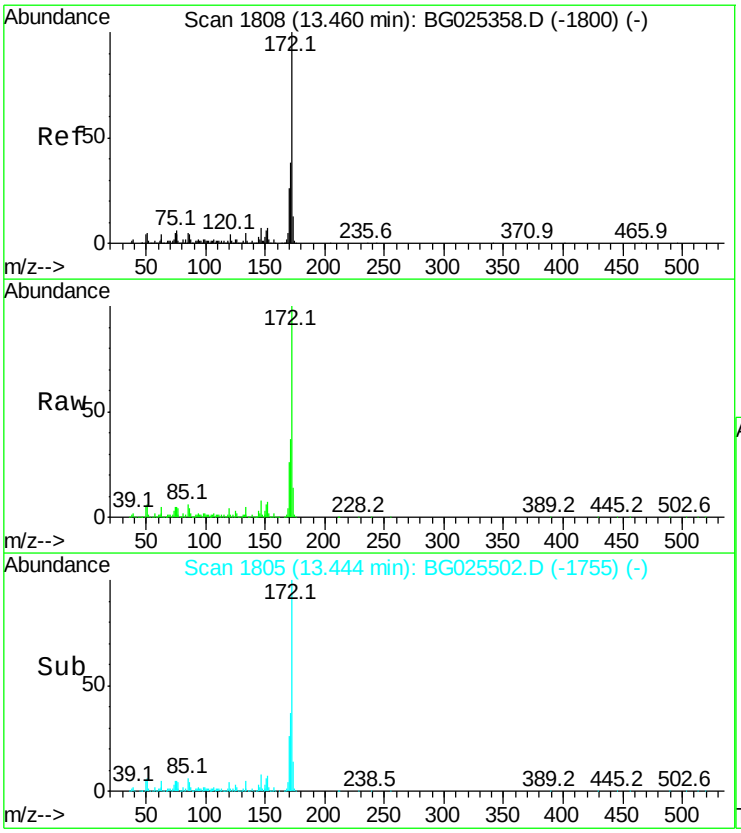
#41
2,4,6-Tribromophenol
Concen: 173.19 ng
RT: 16.32 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Instrument :
BNA_G
ClientSampleId :
W-41

Tgt Ion:330 Resp: 576164

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	32.9	32.1	48.1

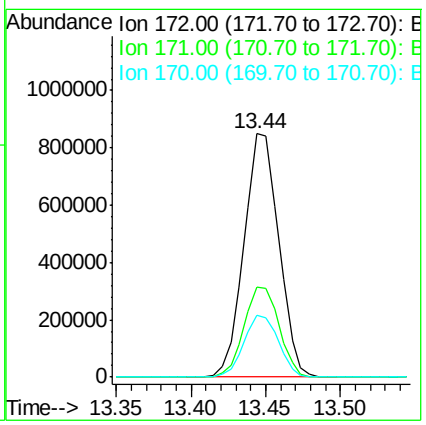


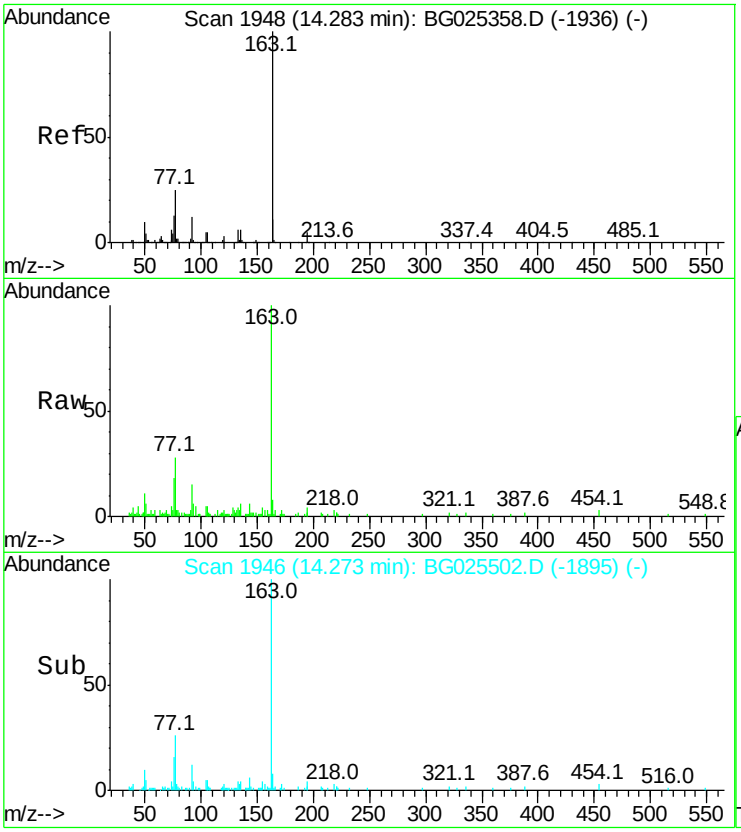


#44
2-Fluorobiphenyl
Concen: 106.93 ng
RT: 13.44 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Tgt Ion:172 Resp: 1364758

Ion	Ratio	Lower	Upper
172	100		
171	37.2	32.2	48.2
170	25.6	21.8	32.6



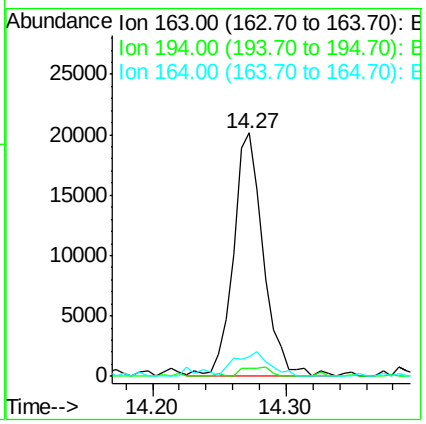


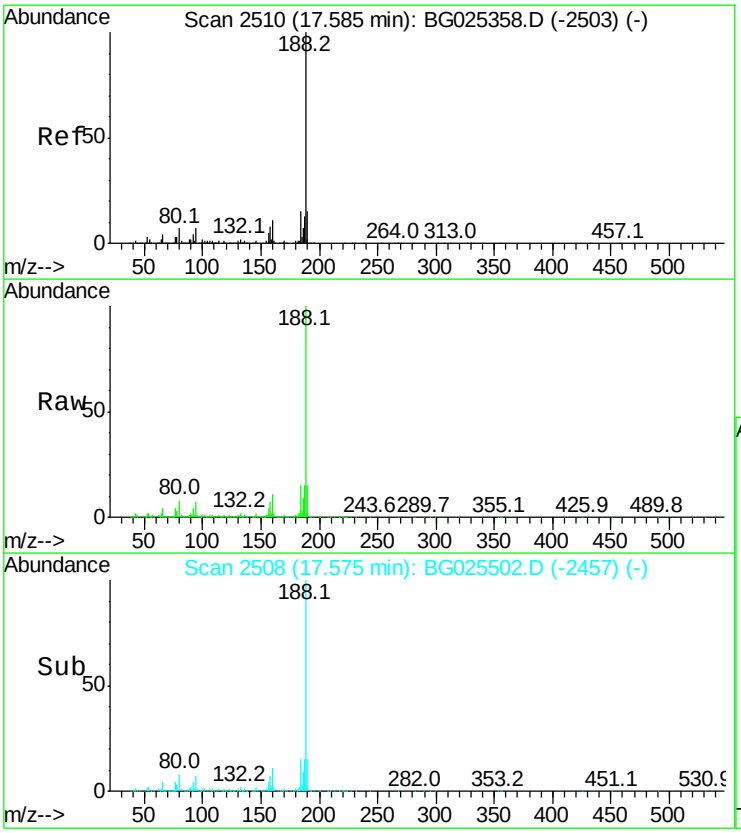
#49
Dimethylphthalate
Concen: 2.08 ng
RT: 14.27 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Instrument :
BNA_G
ClientSampleId :
W-41

Tgt Ion:163 Resp: 31401

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.8	5.6#
164	8.0	9.3	13.9#

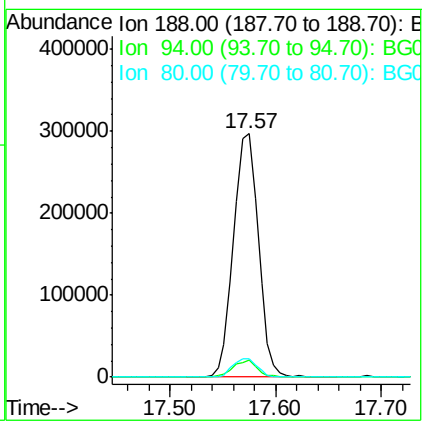


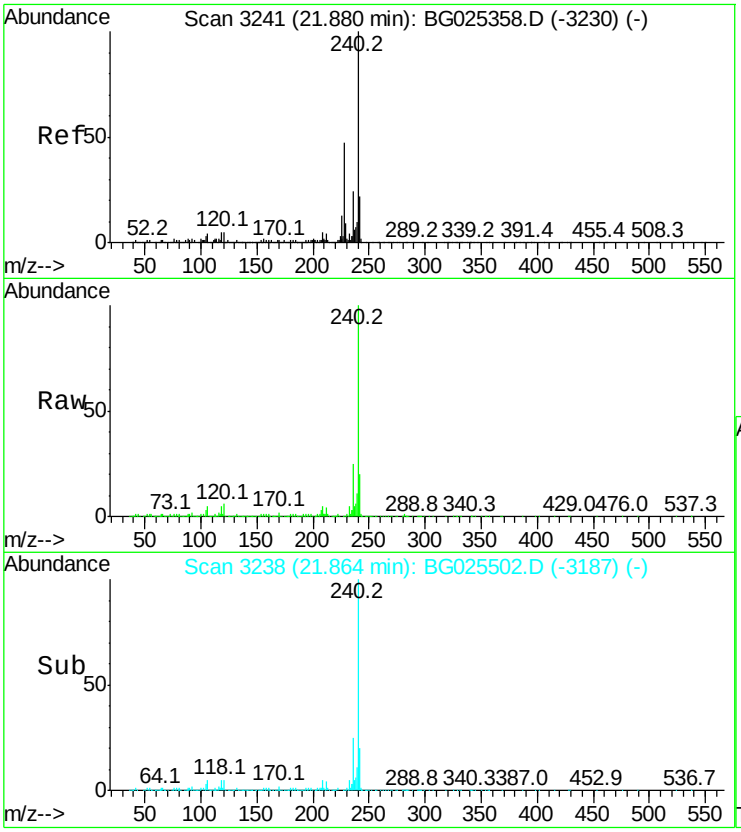


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Tgt Ion:188 Resp: 483714

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.8
80	7.7	7.5	11.3



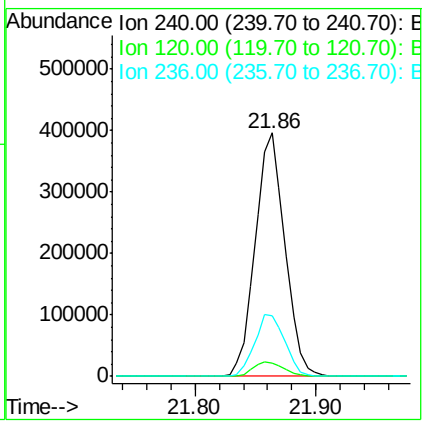


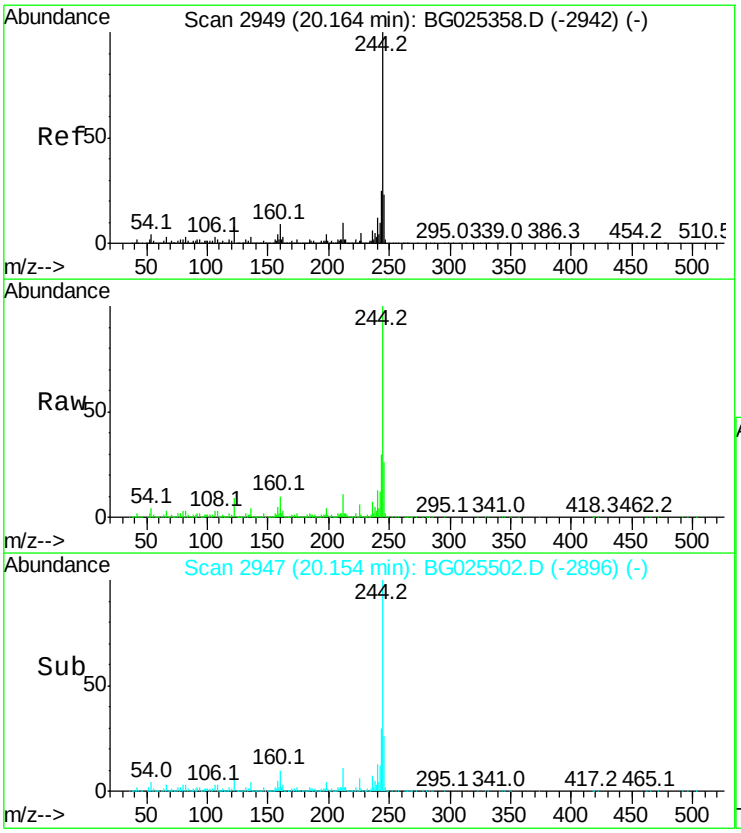
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Instrument :
BNA_G
ClientSampleId :
W-41

Tgt Ion:240 Resp: 674923

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	25.1	22.2	33.4

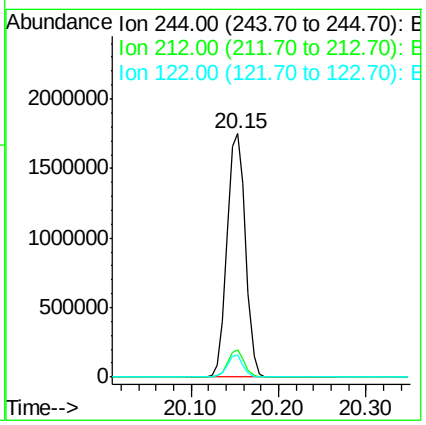


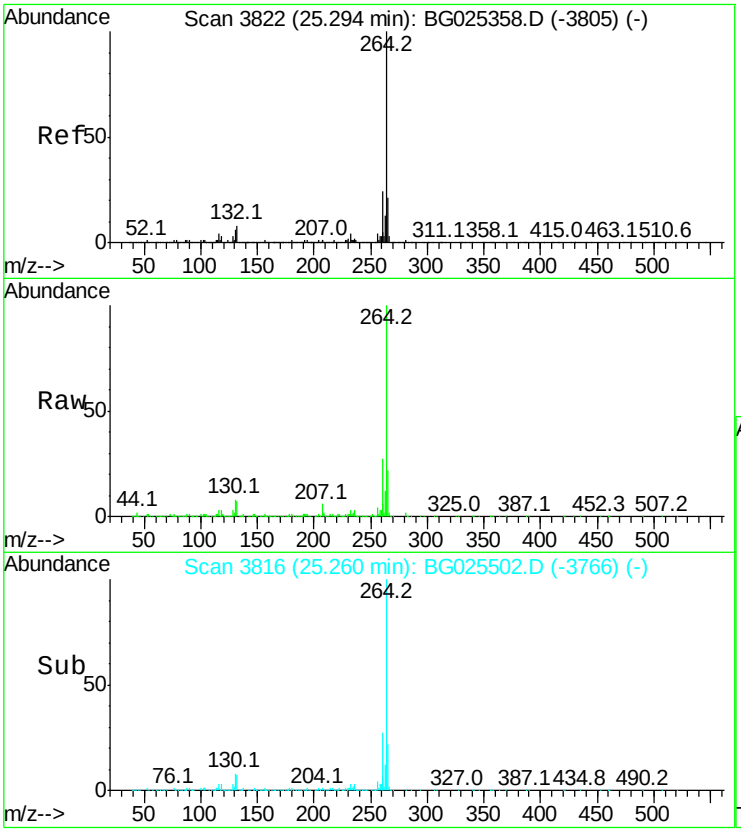


#78
Terphenyl-d14
Concen: 99.26 ng
RT: 20.15 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Tgt Ion:244 Resp: 2526565

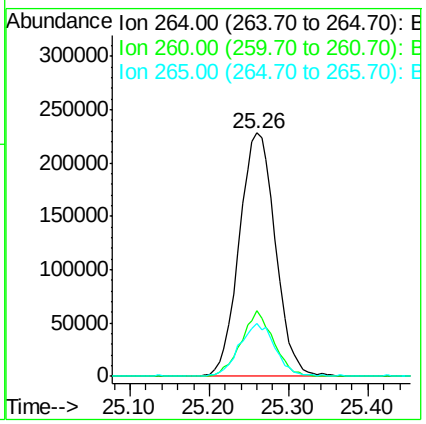
Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.0	15.0
122	9.0	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.26 min Scan# 3816
Delta R.T. -0.01 min
Lab File: BG025502.D
Acq: 13 Jan 2017 4:15

Instrument :
BNA_G
ClientSampleId :
W-41

Tgt Ion:264 Resp: 722141

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.8	32.8
265	21.8	18.2	27.4