Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011217\
Data File : BG025507.D
Acq On : 13 Jan 2017 7:36
Operator : UM/SJ
Sample : I1138-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

Quant Time: Jan 13 12:55:48 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	59341	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	245578	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	197401	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	457216	20.00	ng	0.00
75) Chrysene-d12	21.86	240	664113	20.00	ng	0.00
86) Perylene-d12	25.26	264	693741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	266588	81.66	ng	0.00
7) Phenol-d6	7.36	99	226571	49.28	ng	0.00
23) Nitrobenzene-d5	9.38	82	605900	108.99	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	481791	151.60	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1285353	105.42	ng	0.00
78) Terphenyl-d14	20.15	244	2168457	86.57	ng	0.00
Target Compounds						Qvalue

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

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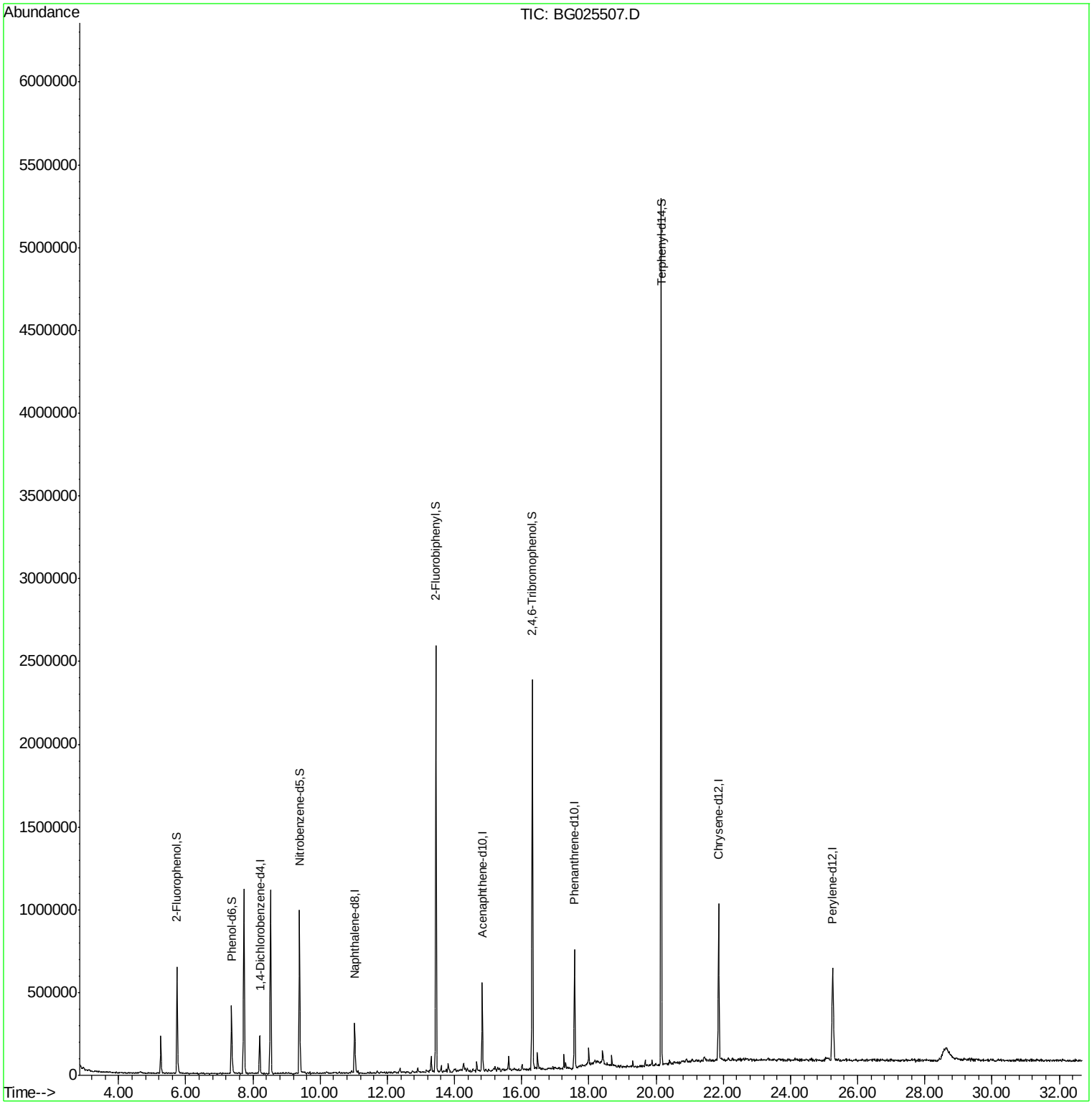
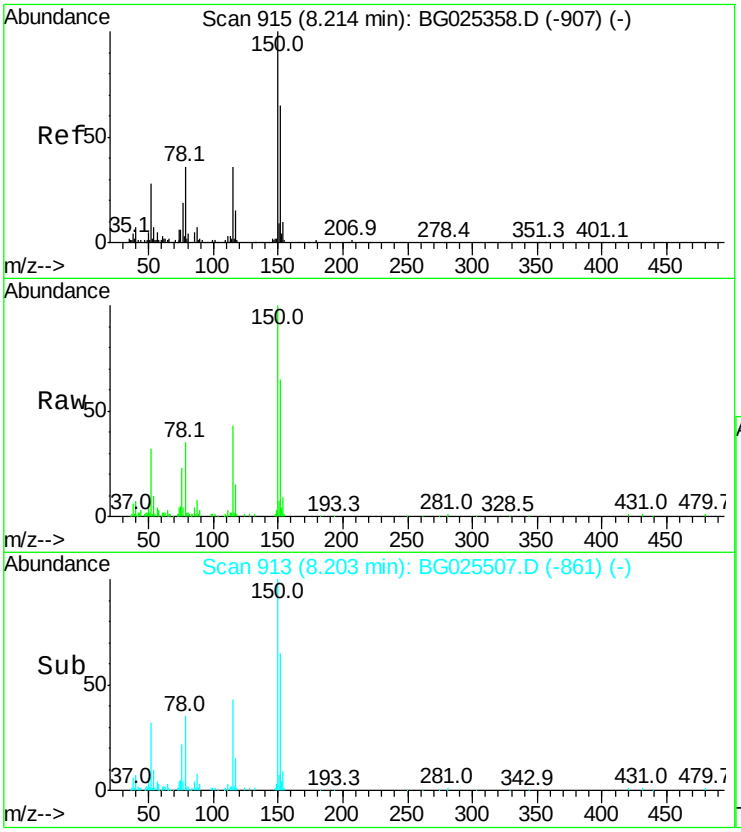


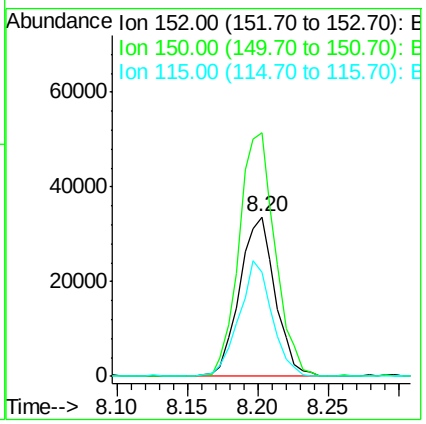


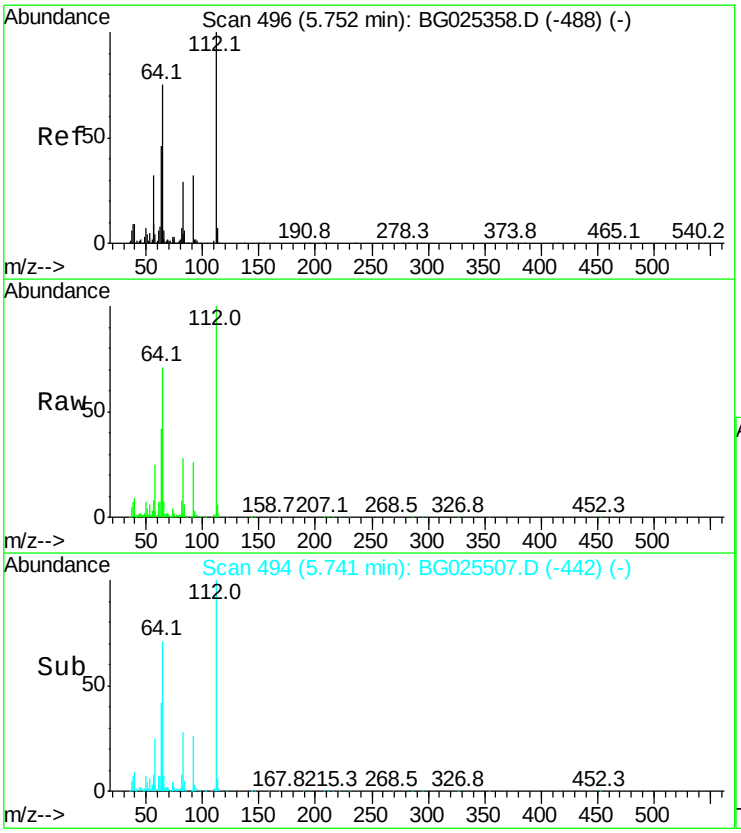
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.01 min
Lab File: BG025507.D
Acq: 13 Jan 2017 7:36

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 59341

Ion	Ratio	Lower	Upper
152	100		
150	153.0	114.0	171.0
115	65.3	48.1	72.1

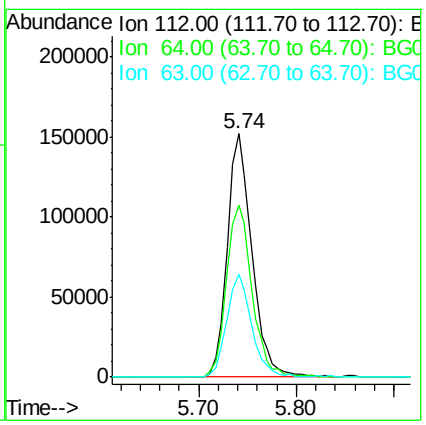


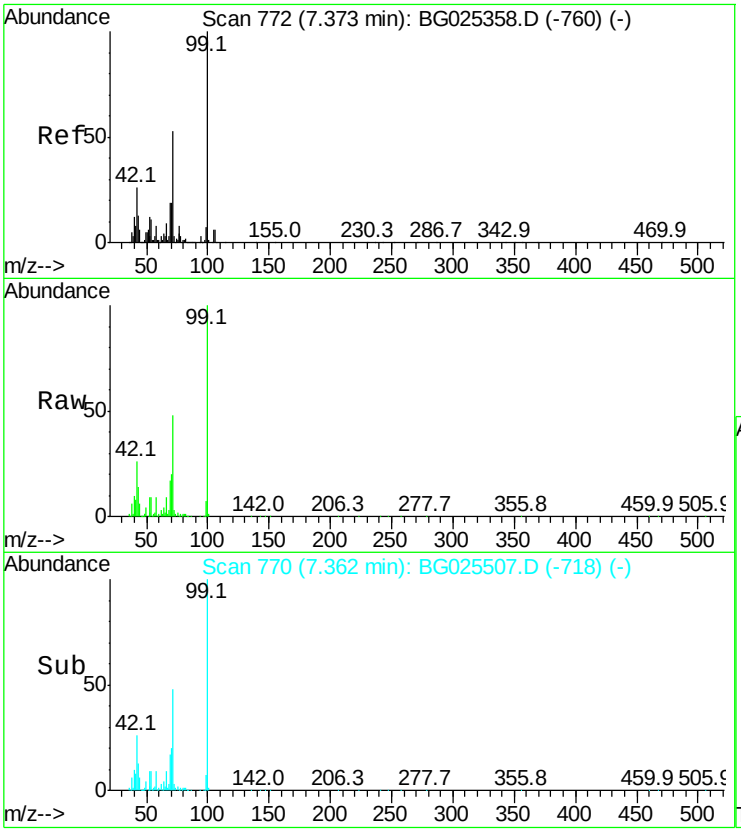


#5
2-Fluorophenol
Concen: 81.66 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.01 min
Lab File: BG025507.D
Acq: 13 Jan 2017 7:36

Tgt Ion:112 Resp: 266588

Ion	Ratio	Lower	Upper
112	100		
64	70.6	61.8	92.6
63	42.0	37.2	55.8



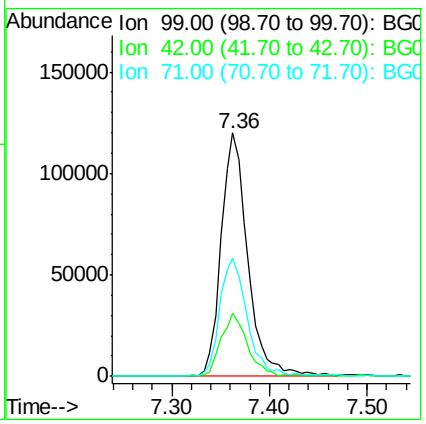


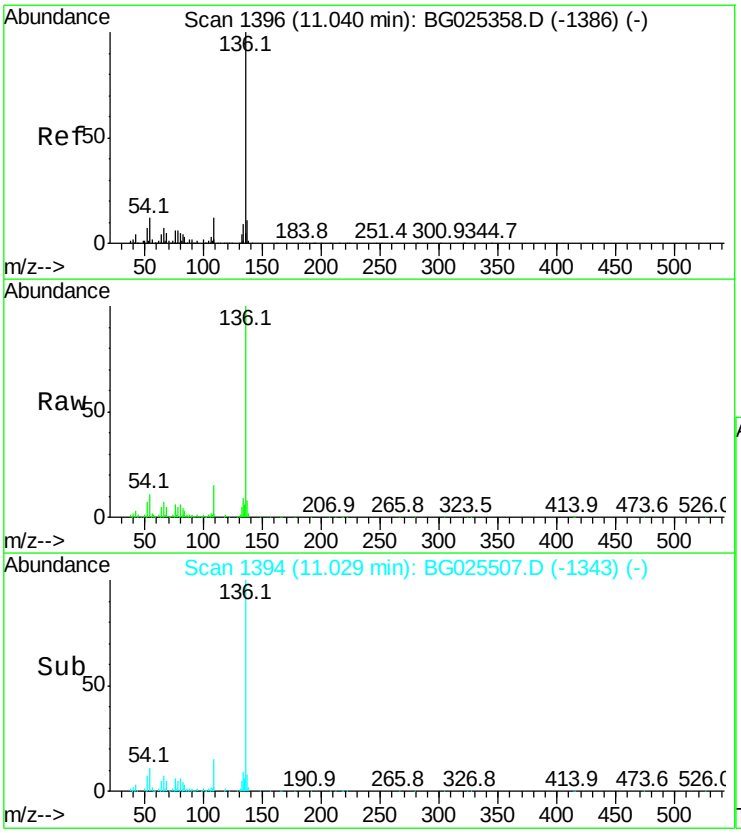
#7
Phenol-d6
Concen: 49.28 ng
RT: 7.36 min Scan# 770
Delta R.T. 0.01 min
Lab File: BG025507.D
Acq: 13 Jan 2017 7:36

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 226571

Ion	Ratio	Lower	Upper
99	100		
42	25.7	20.5	30.7
71	48.3	37.6	56.4

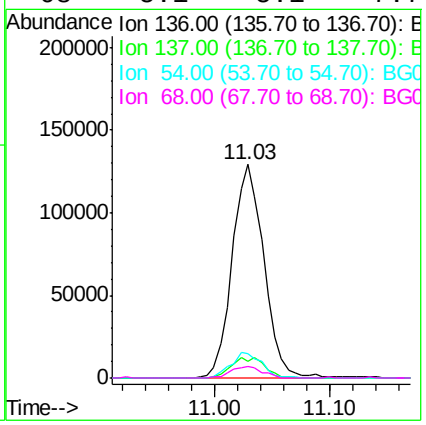


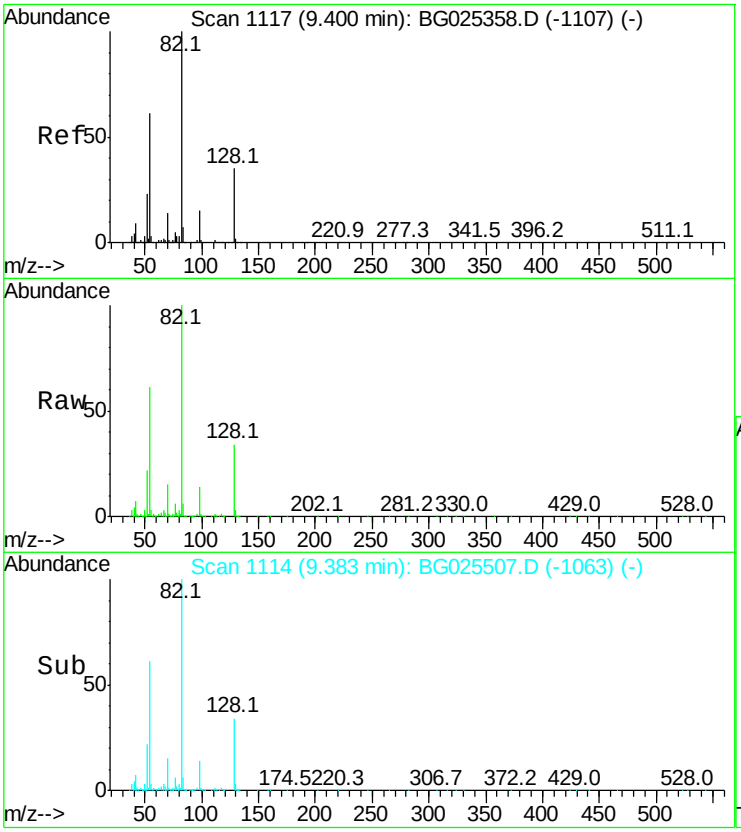


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025507.D
Acq: 13 Jan 2017 7:36

Tgt Ion:136 Resp: 245578

Ion	Ratio	Lower	Upper
136	100		
137	7.8	8.9	13.3#
54	11.1	9.3	13.9
68	5.1	5.1	7.7



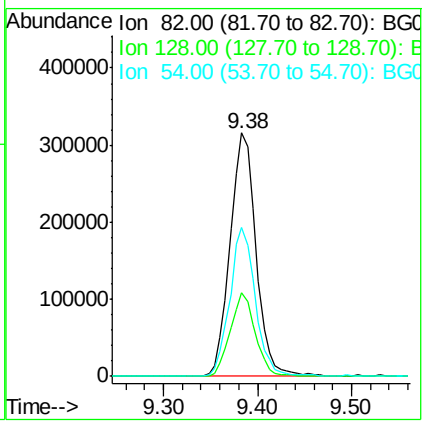


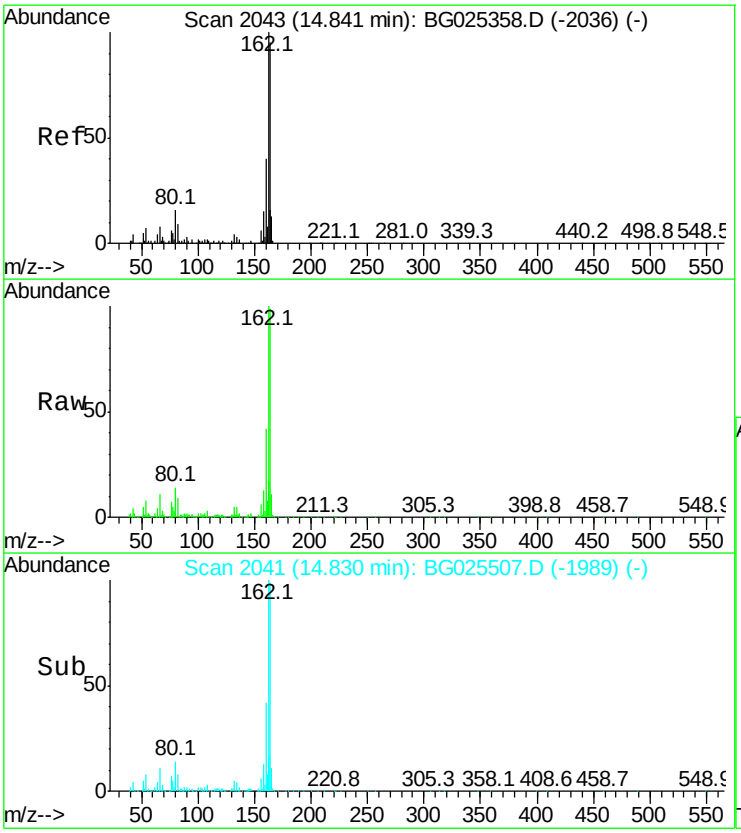
#23
Nitrobenzene-d5
Concen: 108.99 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG025507.D
Acq: 13 Jan 2017 7:36

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion: 82 Resp: 605900

Ion	Ratio	Lower	Upper
82	100		
128	34.3	26.4	39.6
54	61.1	49.4	74.2

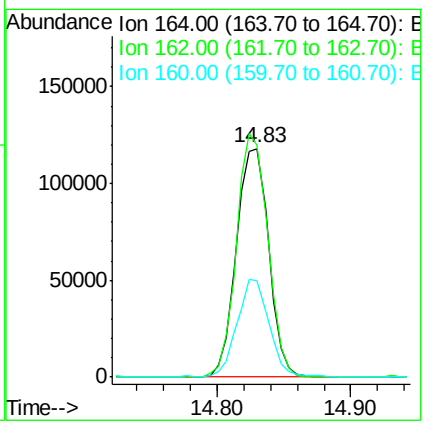


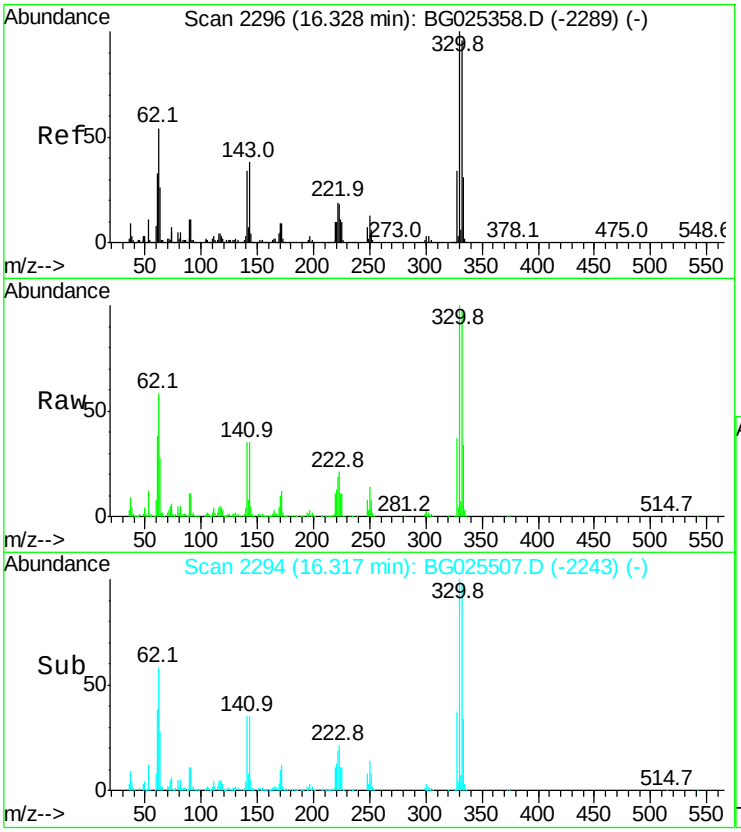


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BG025507.D
Acq: 13 Jan 2017 7:36

Tgt Ion:164 Resp: 197401

Ion	Ratio	Lower	Upper
164	100		
162	101.5	85.1	127.7
160	42.2	34.7	52.1



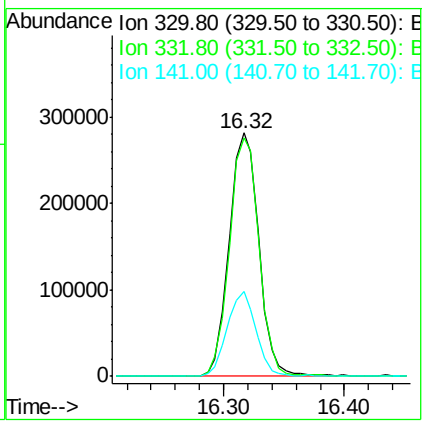


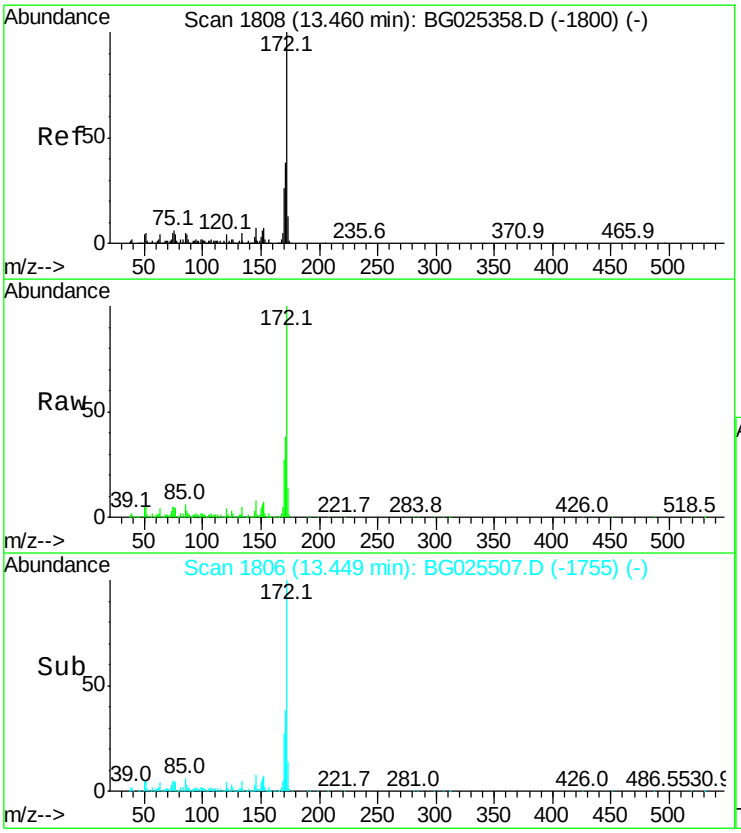
#41
2,4,6-Tribromophenol
Concen: 151.60 ng
RT: 16.32 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG025507.D
Acq: 13 Jan 2017 7:36

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:330 Resp: 481791

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.3	115.9
141	33.9	32.1	48.1

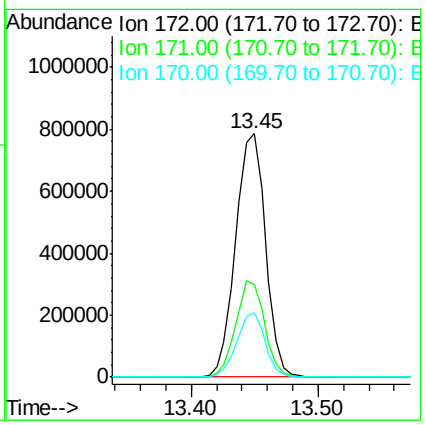


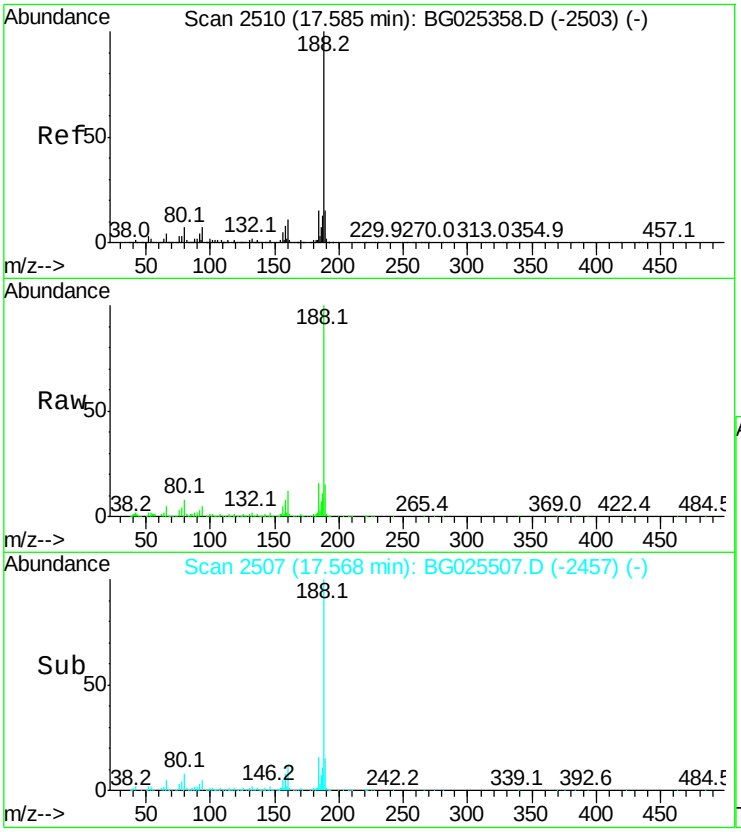


#44
2-Fluorobiphenyl
Concen: 105.42 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG025507.D
Acq: 13 Jan 2017 7:36

Tgt Ion:172 Resp: 1285353

Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	26.7	21.8	32.6



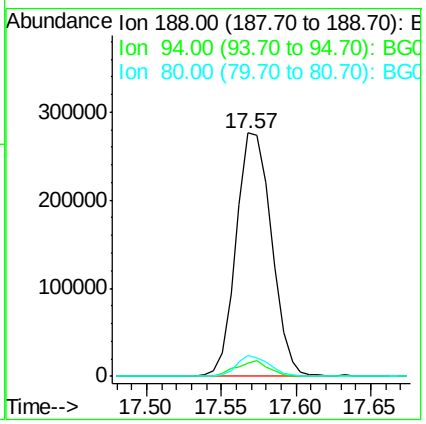


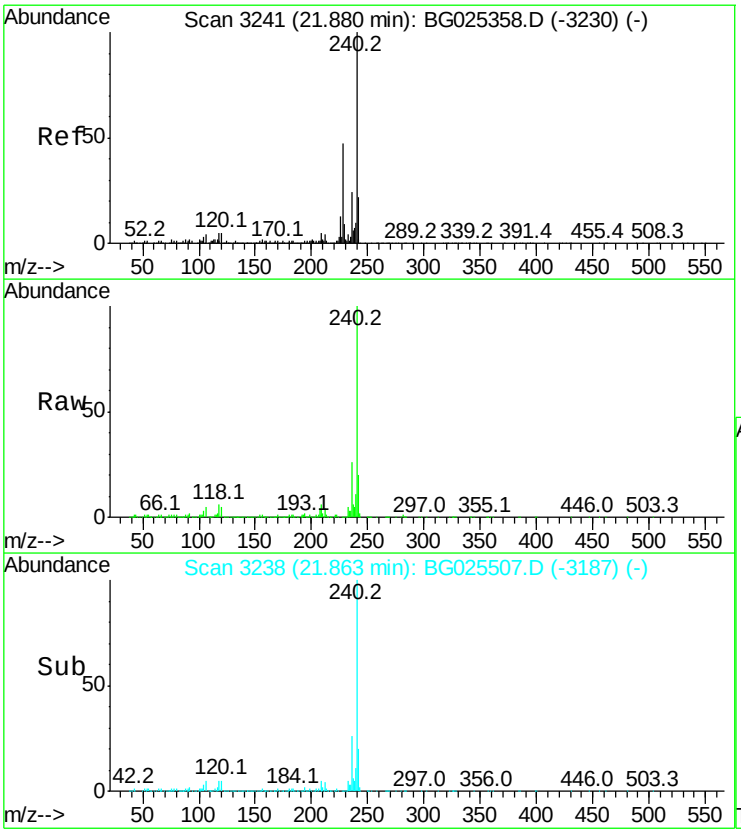
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.01 min
Lab File: BG025507.D
Acq: 13 Jan 2017 7:36

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 457216

Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.8	8.8#
80	8.5	7.5	11.3

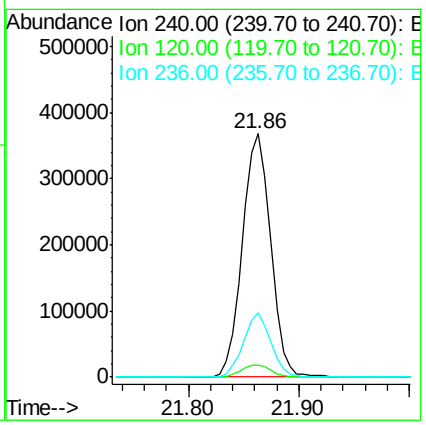


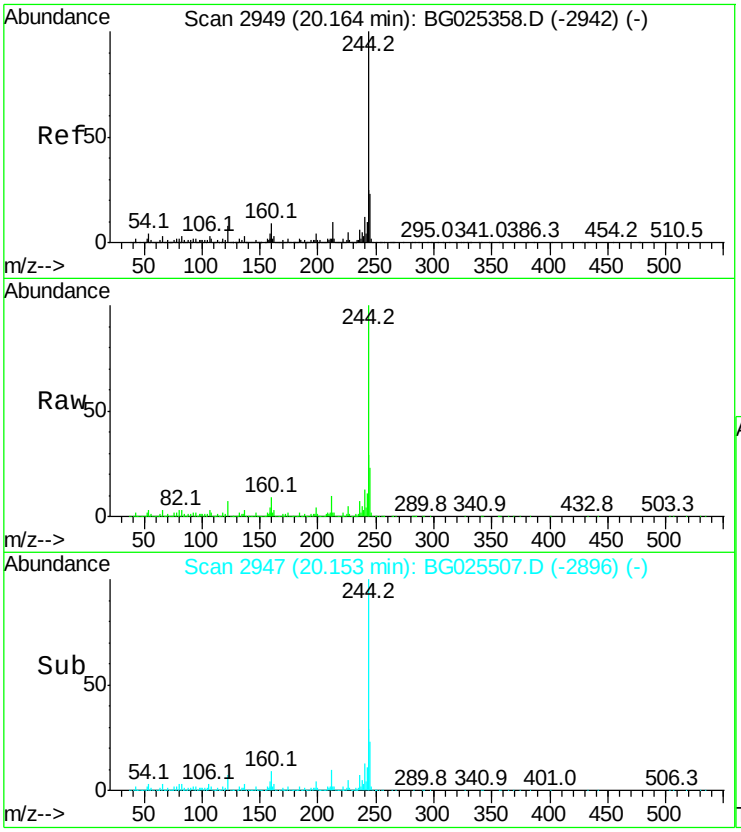


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. -0.00 min
Lab File: BG025507.D
Acq: 13 Jan 2017 7:36

Tgt Ion:240 Resp: 664113

Ion	Ratio	Lower	Upper
240	100		
120	4.7	5.7	8.5#
236	26.4	22.2	33.4



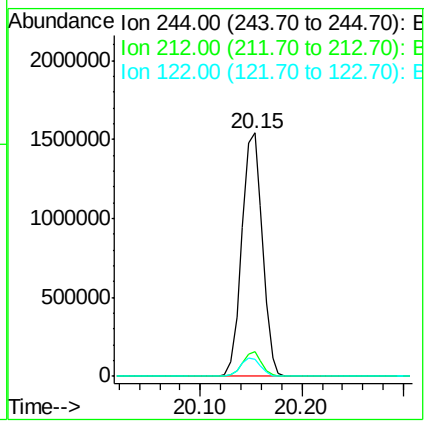


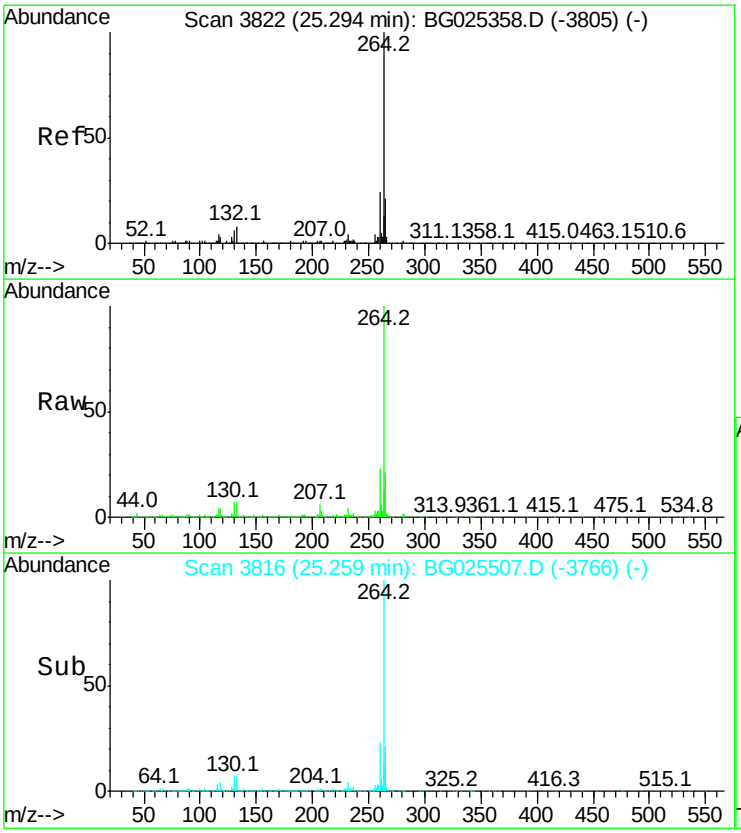
#78
Terphenyl-d14
Concen: 86.57 ng
RT: 20.15 min Scan# 2947
Delta R.T. -0.00 min
Lab File: BG025507.D
Acq: 13 Jan 2017 7:36

Instrument :
BNA_G
ClientSampleId :
MW-2

Tgt Ion:244 Resp: 2168457

Ion	Ratio	Lower	Upper
244	100		
212	10.2	10.0	15.0
122	7.2	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: BG025507.D
Acq: 13 Jan 2017 7:36

Tgt Ion:264 Resp: 693741

Ion	Ratio	Lower	Upper
264	100		
260	23.1	21.8	32.8
265	21.1	18.2	27.4