Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025545.D
Acq On : 20 Jan 2017 19:22
Operator : UM/SJ
Sample : I1304-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1634-NOTTINGHAM-COMP

Quant Time: Jan 21 00:41:15 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	8.18	152	56872	20.00	ng	-0.01
21) Naphthalene-d8	11.01	136	222050	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	179367	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	408544	20.00	ng	-0.01
75) Chrysene-d12	21.84	240	631107	20.00	ng	-0.02
86) Perylene-d12	25.23	264	593152	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	437644	139.87	ng	-0.02
7) Phenol-d6	7.34	99	557442	126.50	ng	-0.02
23) Nitrobenzene-d5	9.36	82	496593	98.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	402024	139.22	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1055653	95.28	ng	-0.02
78) Terphenyl-d14	20.14	244	2240121	94.11	ng	-0.01
Target Compounds						Qvalue

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

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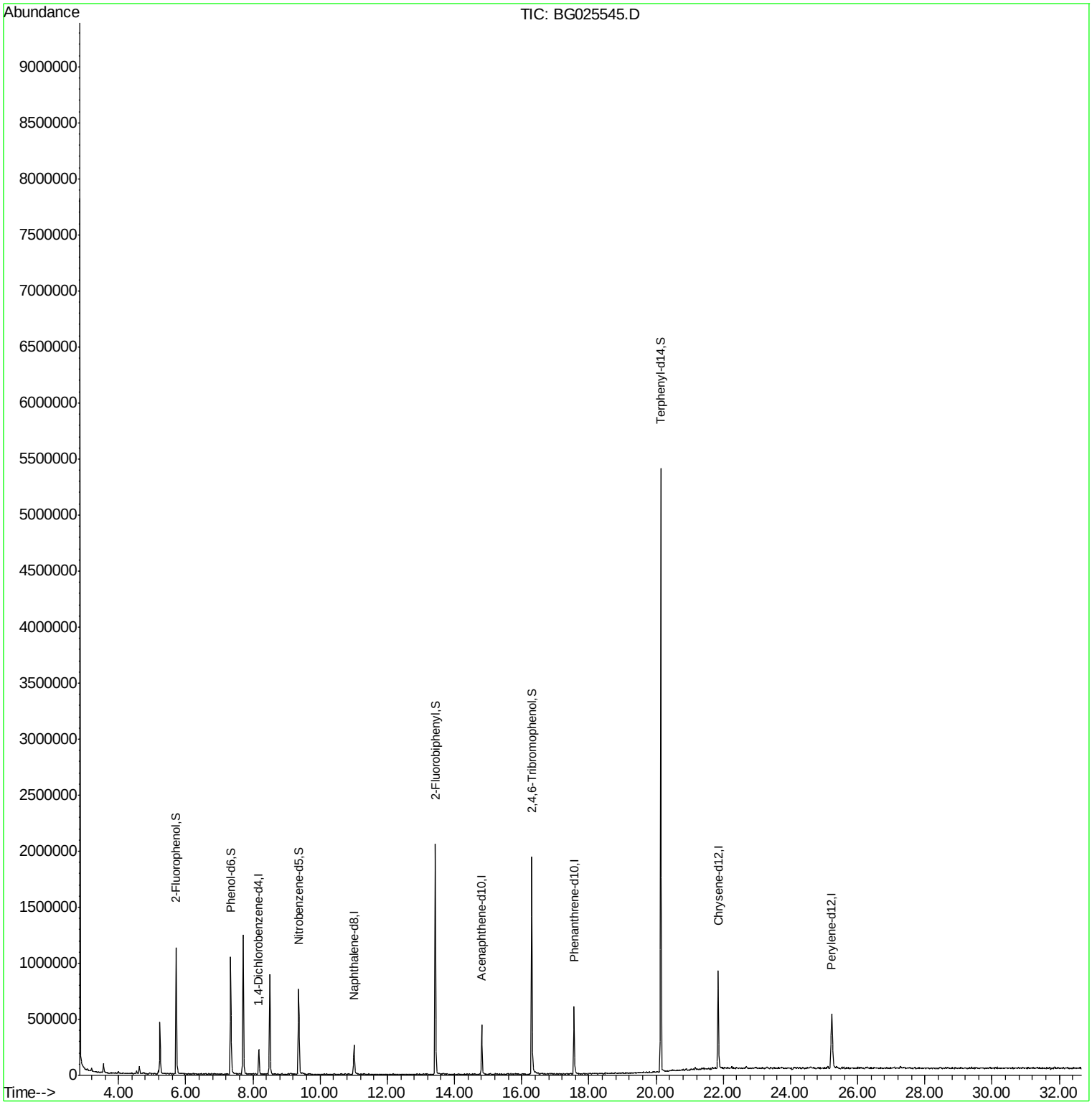
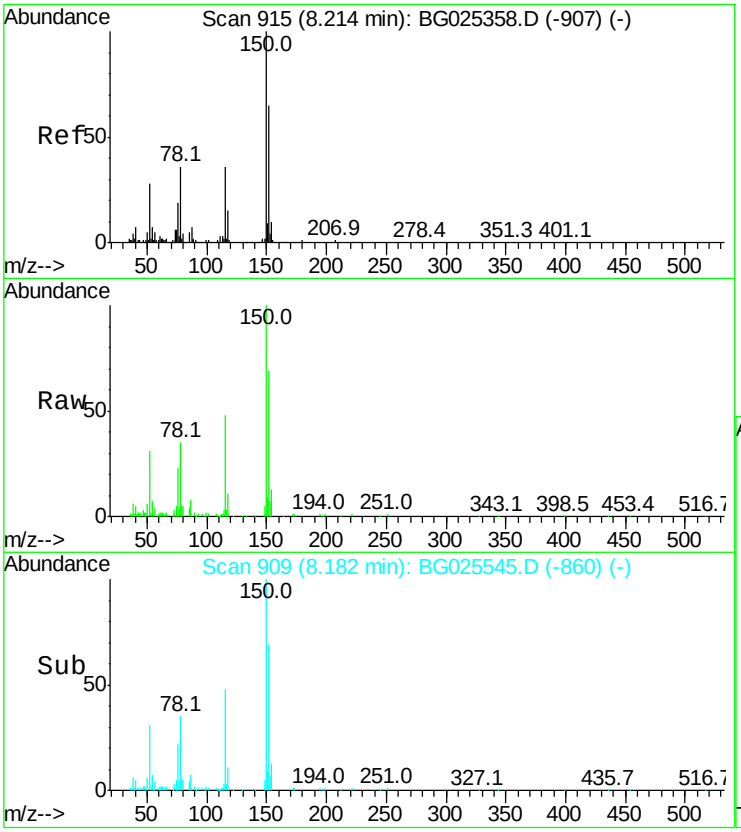


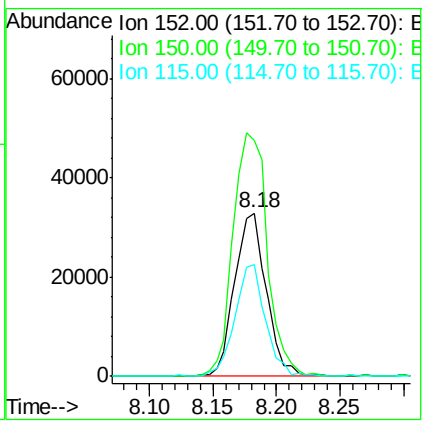


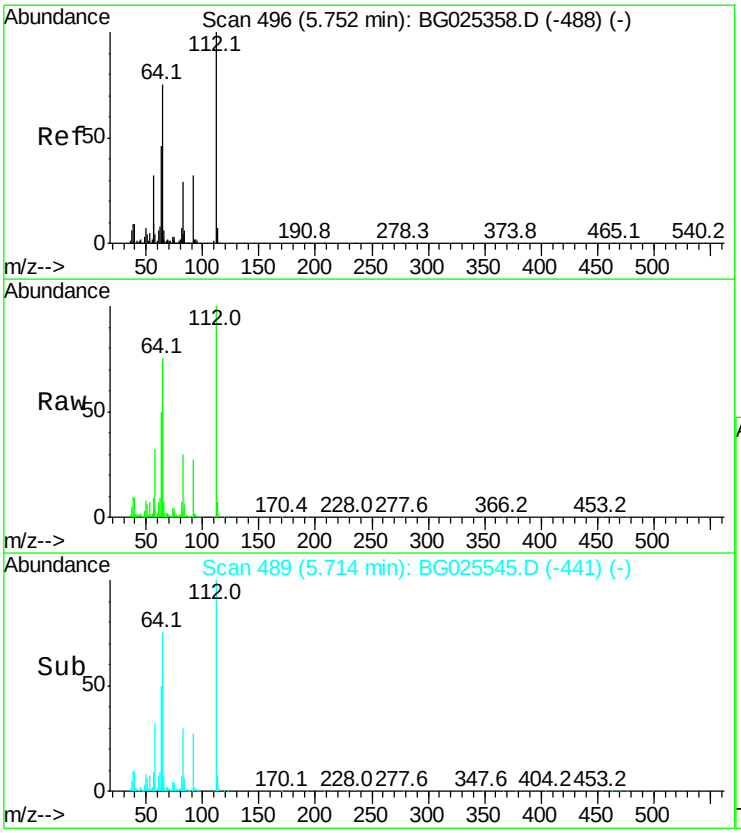
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Instrument :
BNA_G
ClientSampleId :
1634-NOTTINGHAM-COMP

Tgt Ion:152 Resp: 56872

Ion	Ratio	Lower	Upper
152	100		
150	144.8	114.0	171.0
115	68.8	48.1	72.1

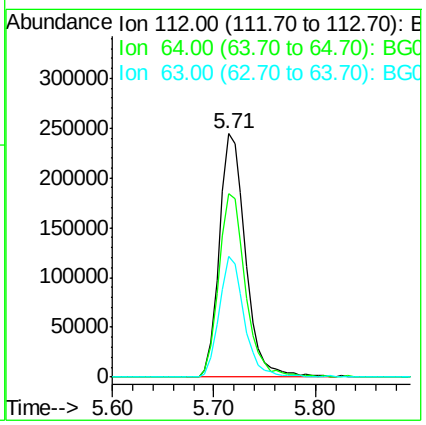


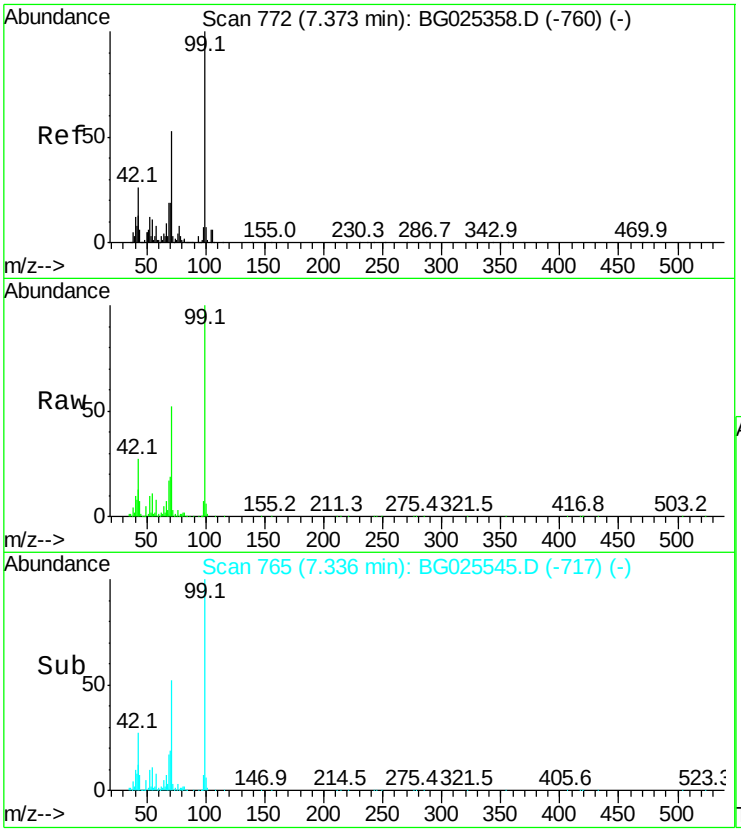


#5
2-Fluorophenol
Concen: 139.87 ng
RT: 5.71 min Scan# 489
Delta R.T. -0.02 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Tgt Ion:112 Resp: 437644

Ion	Ratio	Lower	Upper
112	100		
64	75.4	61.8	92.6
63	49.5	37.2	55.8



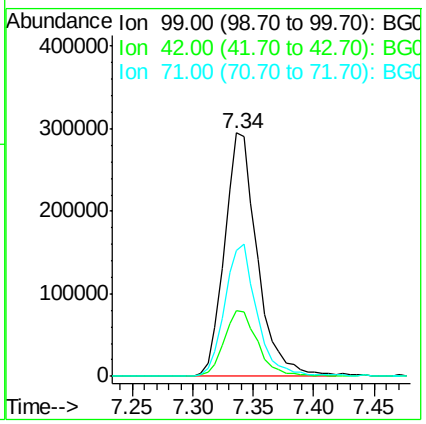


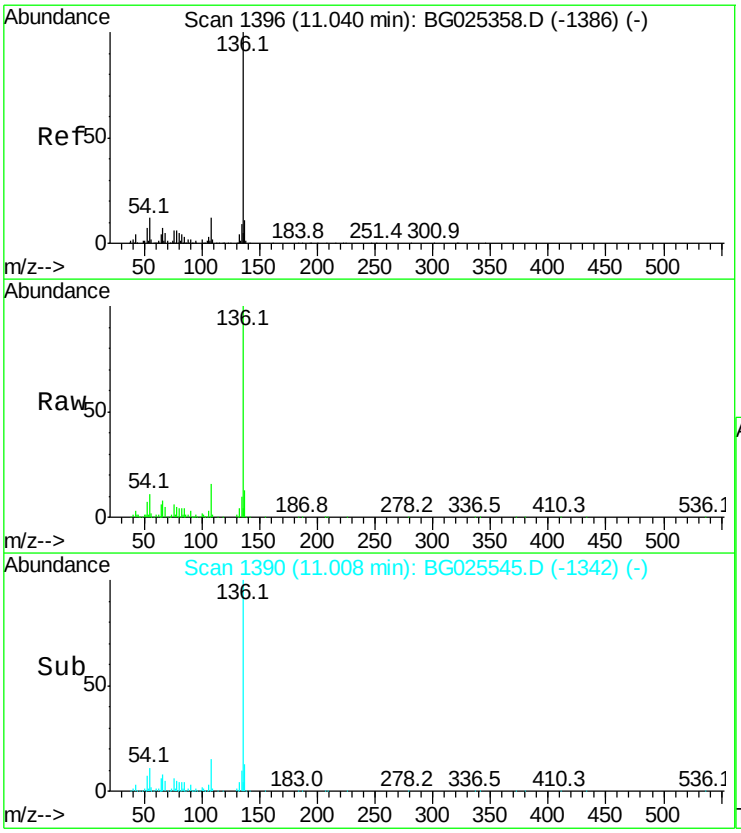
#7
Phenol-d6
Concen: 126.50 ng
RT: 7.34 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Instrument :
BNA_G
ClientSampleId :
1634-NOTTINGHAM-COMP

Tgt Ion: 99 Resp: 557442

Ion	Ratio	Lower	Upper
99	100		
42	26.8	20.5	30.7
71	51.5	37.6	56.4

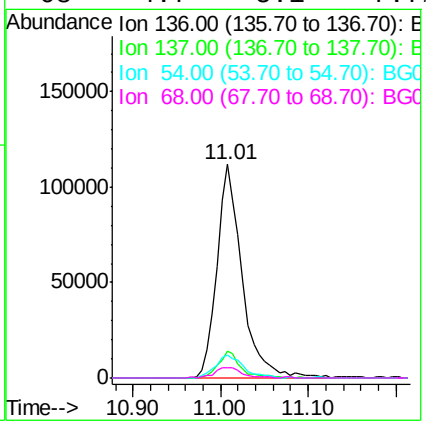


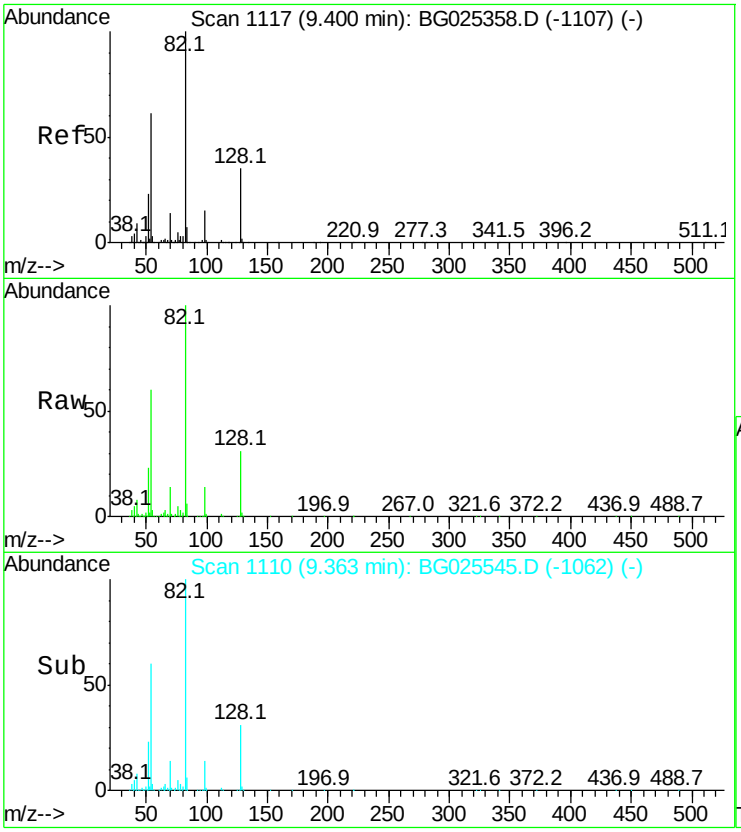


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Tgt Ion:136 Resp: 222050

Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.9	13.3
54	10.6	9.3	13.9
68	4.7	5.1	7.7#



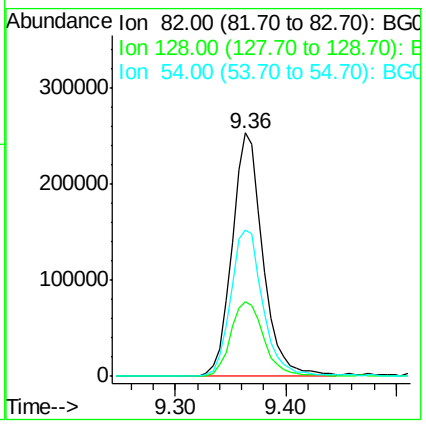


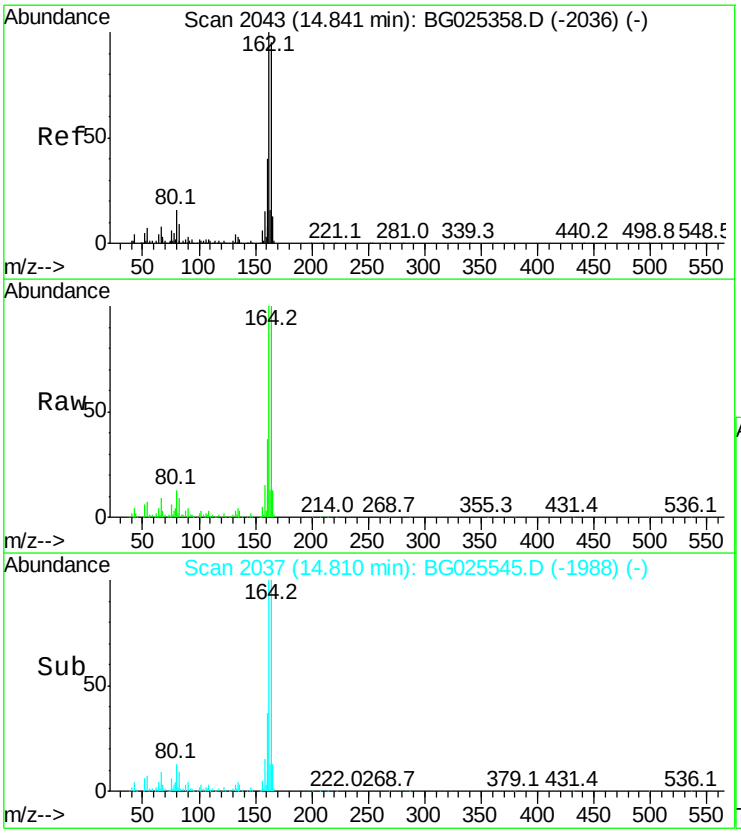
#23
Nitrobenzene-d5
Concen: 98.80 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Instrument :
BNA_G
ClientSampleId :
1634-NOTTINGHAM-COMP

Tgt Ion: 82 Resp: 496593

Ion	Ratio	Lower	Upper
82	100		
128	30.6	26.4	39.6
54	60.2	49.4	74.2

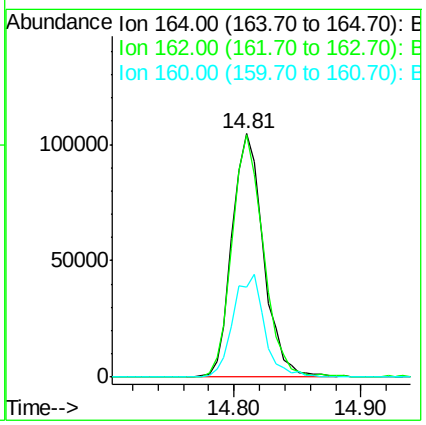


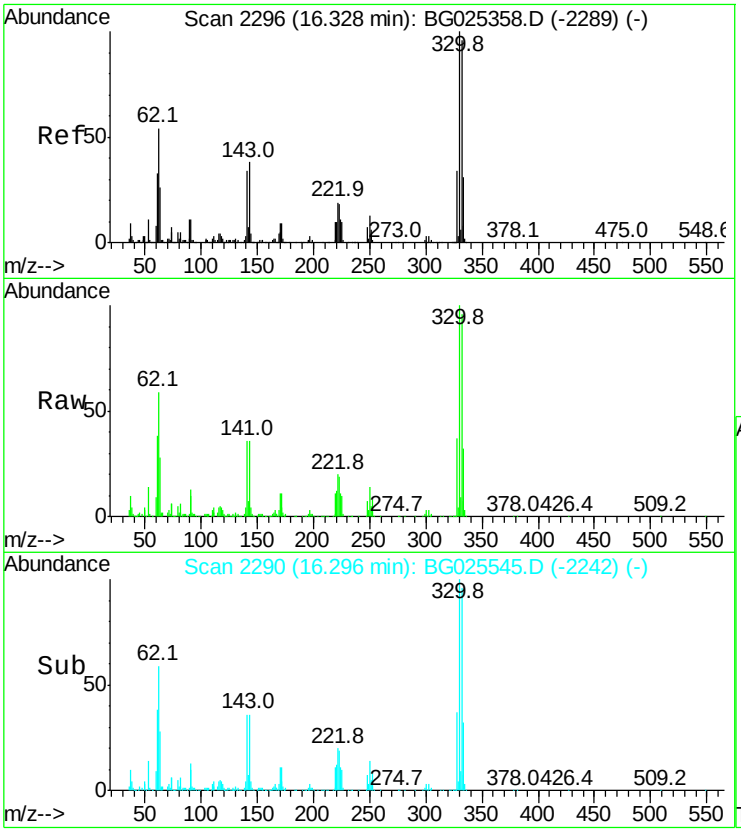


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Tgt Ion:164 Resp: 179367

Ion	Ratio	Lower	Upper
164	100		
162	99.7	85.1	127.7
160	37.1	34.7	52.1



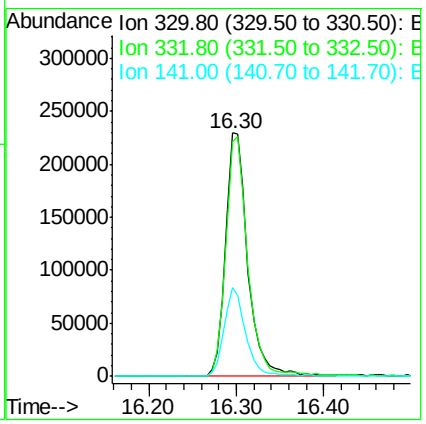


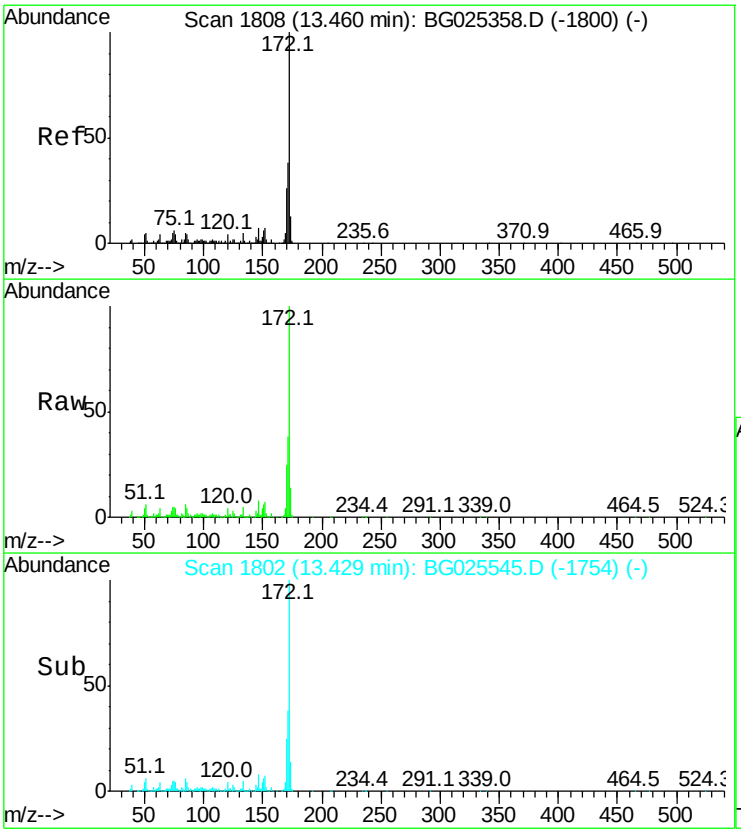
#41
2,4,6-Tribromophenol
Concen: 139.22 ng
RT: 16.30 min Scan# 2290
Delta R.T. -0.02 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Instrument :
BNA_G
ClientSampleId :
1634-NOTTINGHAM-COMP

Tgt Ion:330 Resp: 402024

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	35.0	32.1	48.1

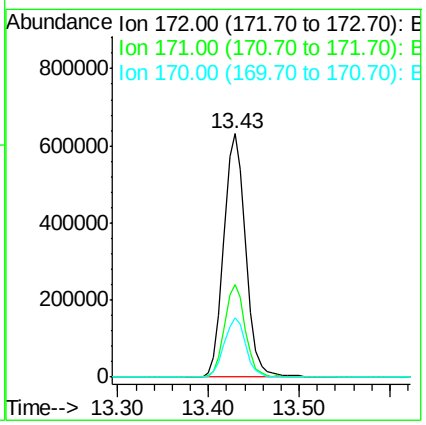


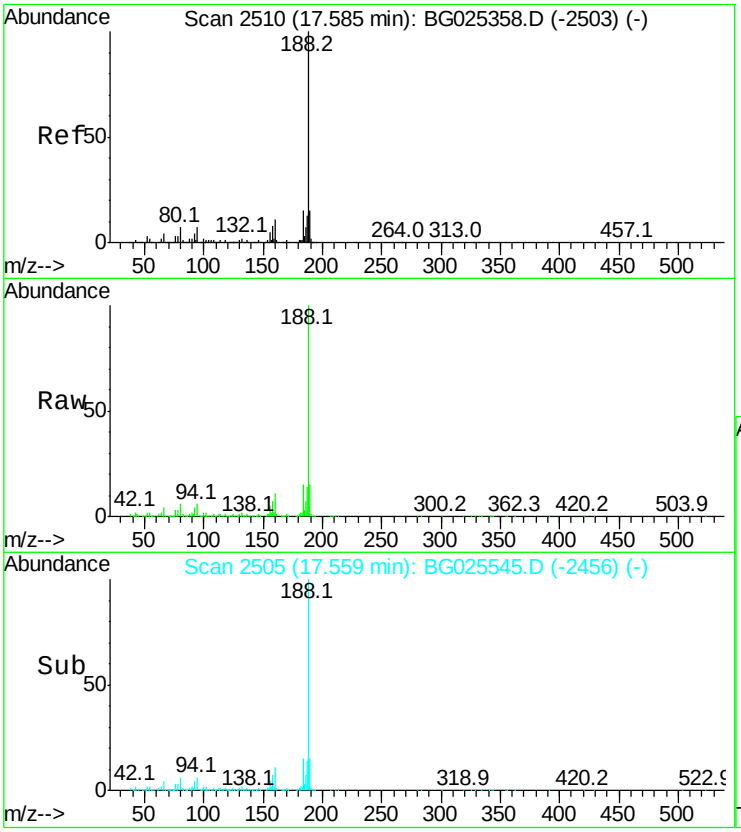


#44
2-Fluorobiphenyl
Concen: 95.28 ng
RT: 13.43 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Tgt Ion:172 Resp: 1055653

Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.2	48.2
170	24.6	21.8	32.6



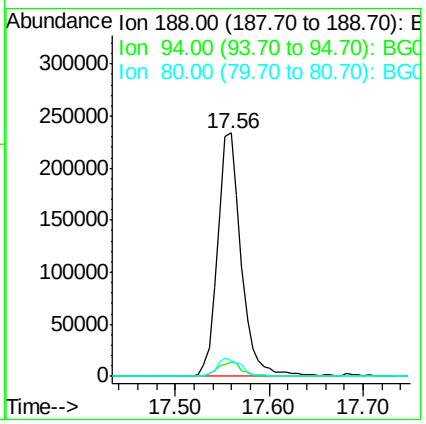


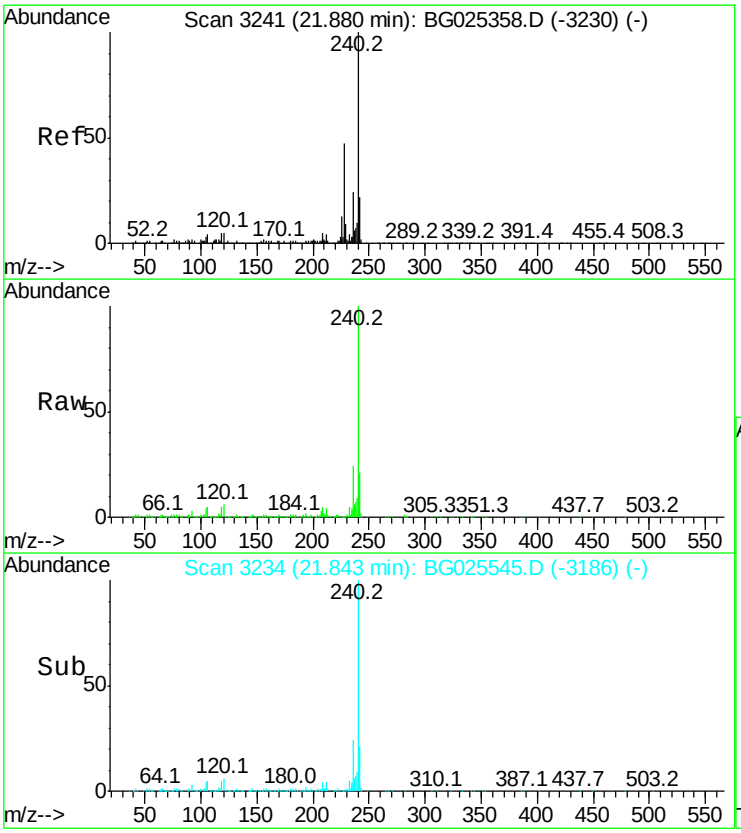
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Instrument :
BNA_G
ClientSampleId :
1634-NOTTINGHAM-COMP

Tgt Ion:188 Resp: 408544

Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.8	8.8#
80	6.4	7.5	11.3#

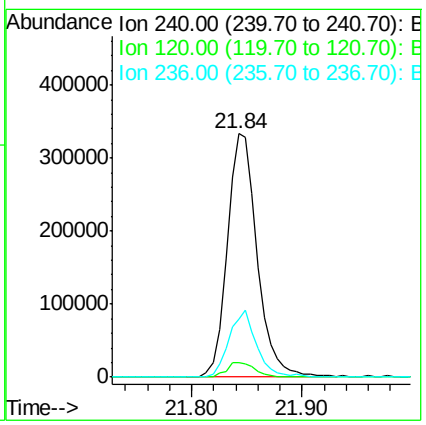


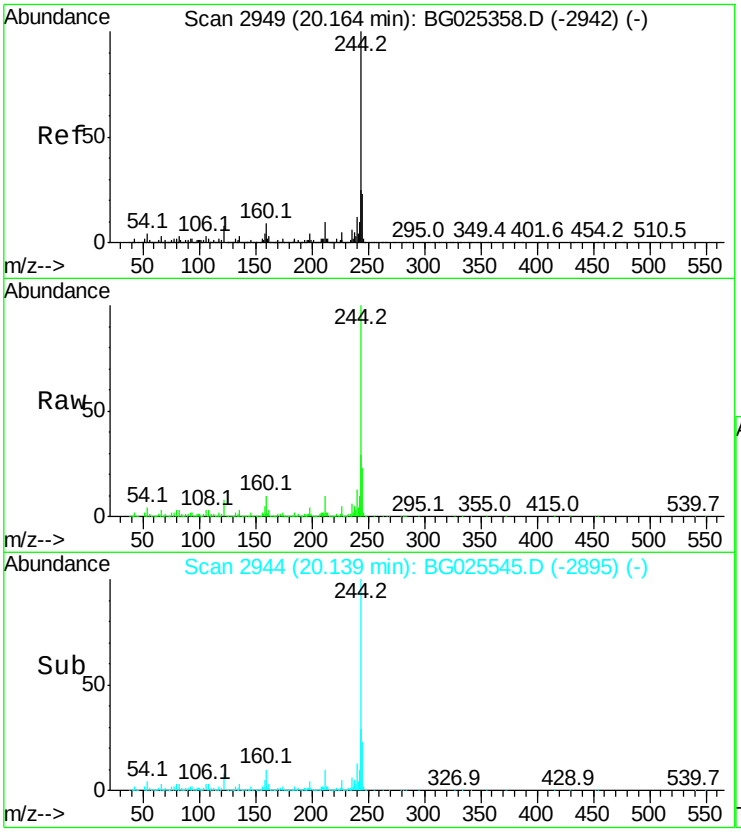


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3234
Delta R.T. -0.02 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Tgt Ion:240 Resp: 631107

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5
236	24.0	22.2	33.4



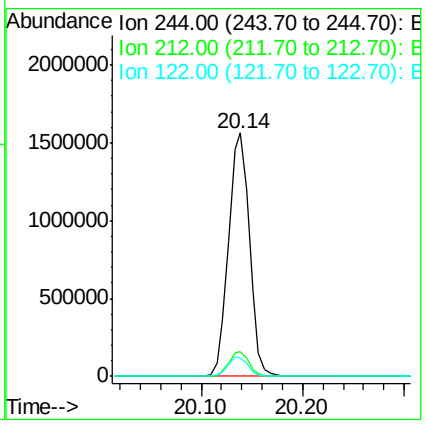


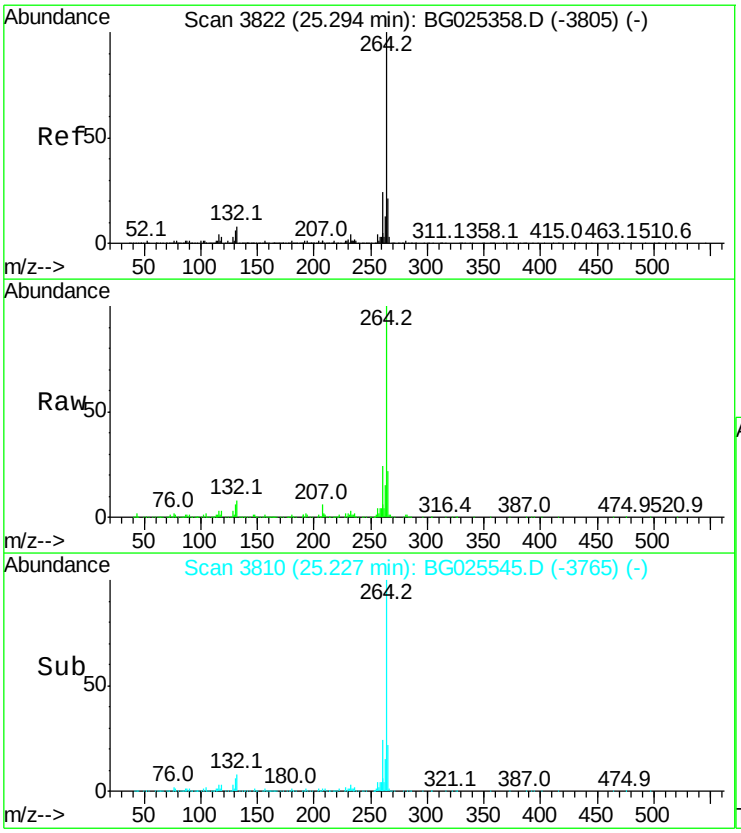
#78
Terphenyl-d14
Concen: 94.11 ng
RT: 20.14 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Instrument :
BNA_G
ClientSampleId :
1634-NOTTINGHAM-COMP

Tgt Ion:244 Resp: 2240121

Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.0	15.0
122	7.6	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3810
Delta R.T. -0.04 min
Lab File: BG025545.D
Acq: 20 Jan 2017 19:22

Tgt Ion:264 Resp: 593152

Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	22.0	18.2	27.4