Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
Data File : BG025546.D
Acq On : 20 Jan 2017 20:02
Operator : UM/SJ
Sample : I1304-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ROLL-OFF-15939-COMP

Quant Time: Jan 21 00:45:16 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	53276	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	200744	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	159212	20.00	ng	-0.01
63) Phenanthrene-d10	17.55	188	372510	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	622968	20.00	ng	-0.02
86) Perylene-d12	25.23	264	532375	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	406822	138.80	ng	-0.02
7) Phenol-d6	7.34	99	507398	122.92	ng	-0.02
23) Nitrobenzene-d5	9.36	82	468437	103.09	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	362392	141.38	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	972720	98.91	ng	-0.02
78) Terphenyl-d14	20.13	244	2105200	89.60	ng	-0.02
Target Compounds						Qvalue

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

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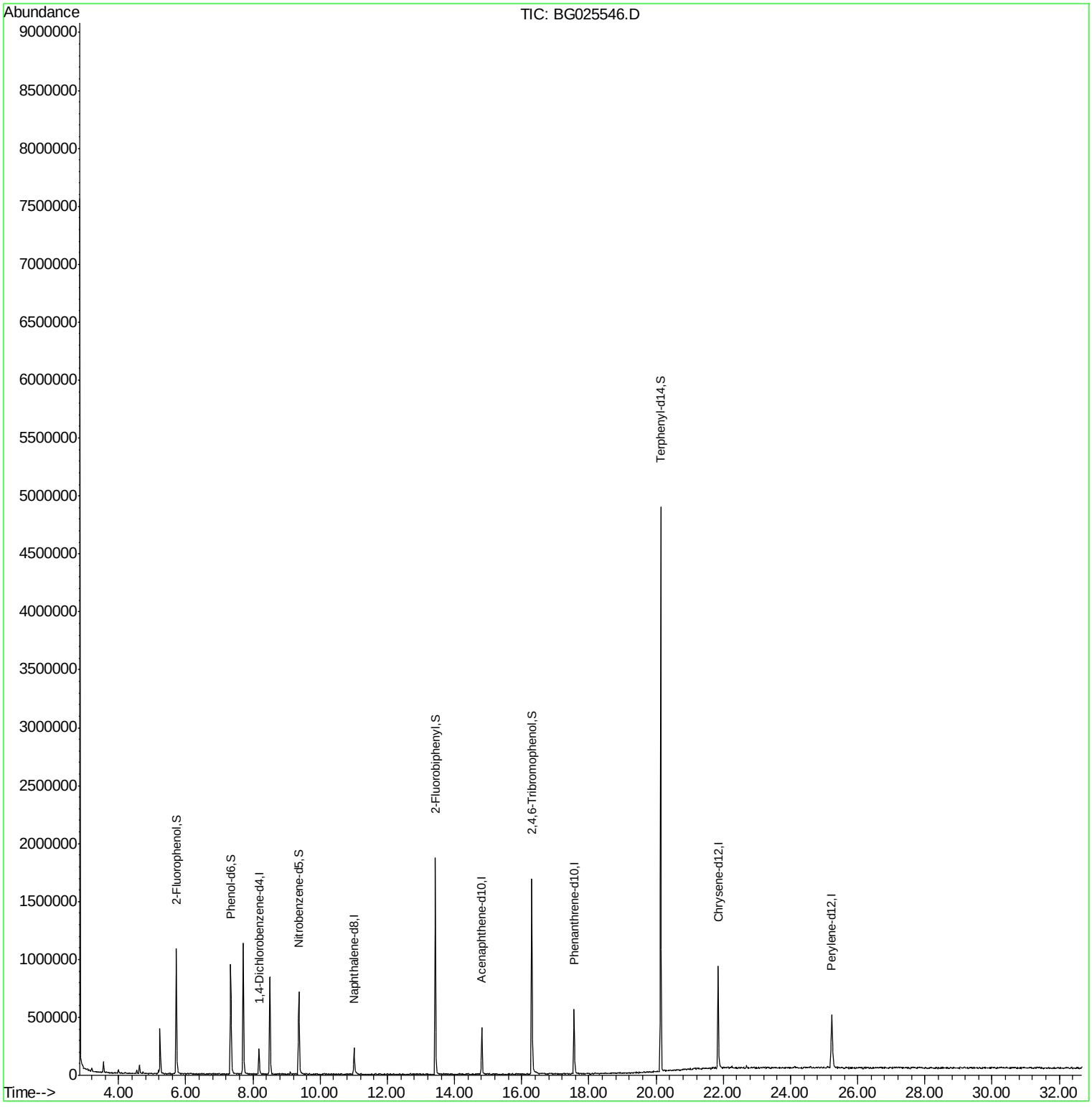
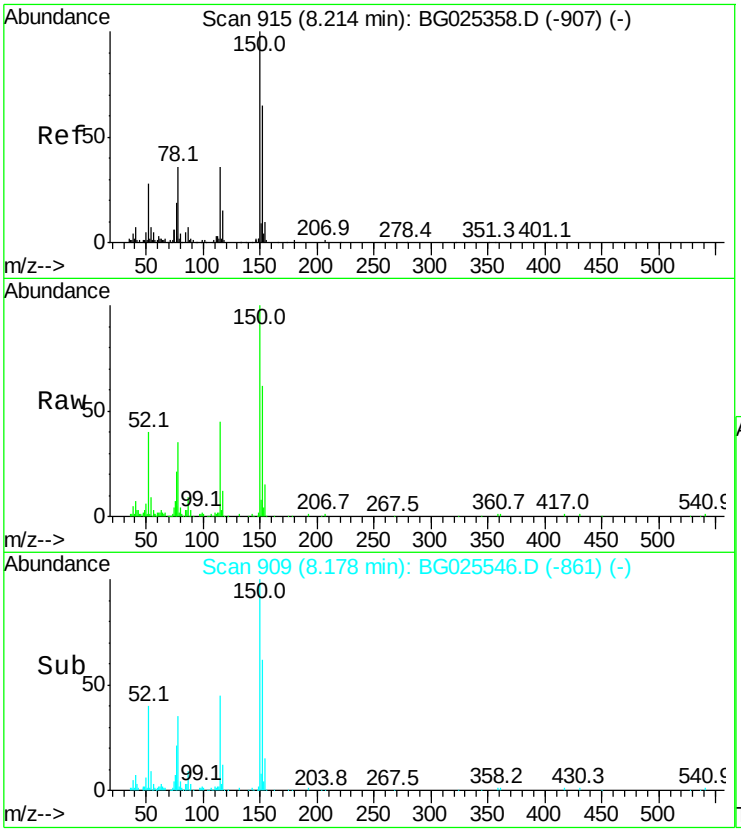


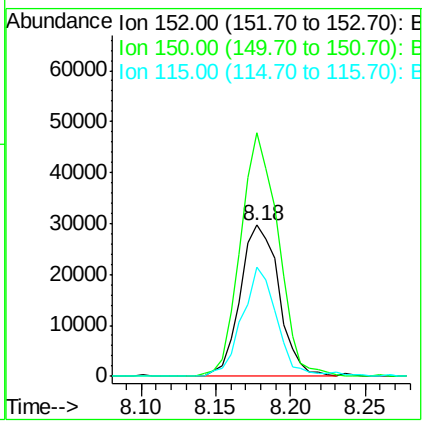


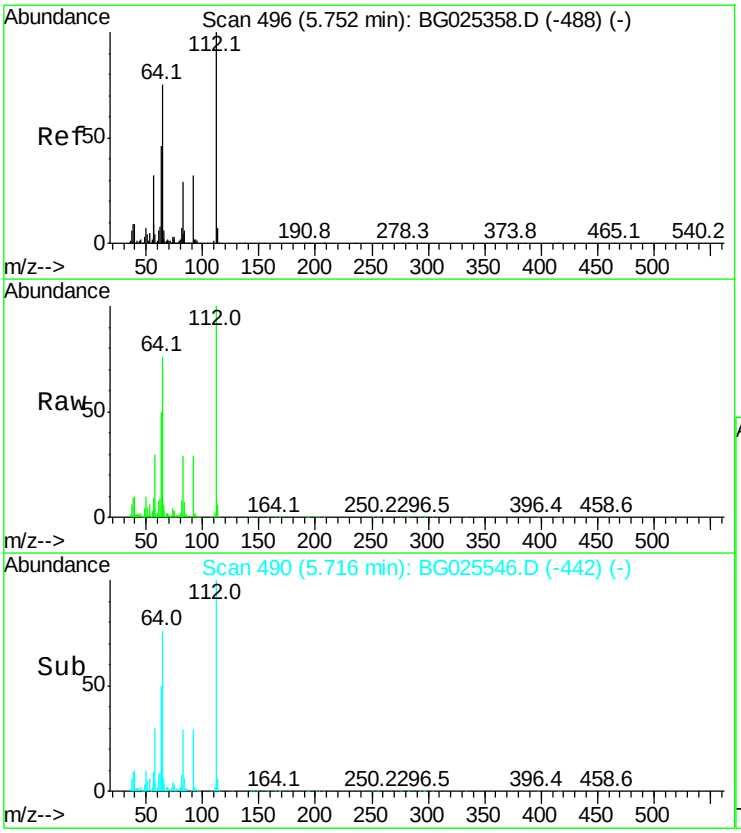
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 909
Delta R.T. -0.02 min
Lab File: BG025546.D
Acq: 20 Jan 2017 20:02

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15939-COMP

Tgt Ion:152 Resp: 53276

Ion	Ratio	Lower	Upper
152	100		
150	161.0	114.0	171.0
115	72.1	48.1	72.1#

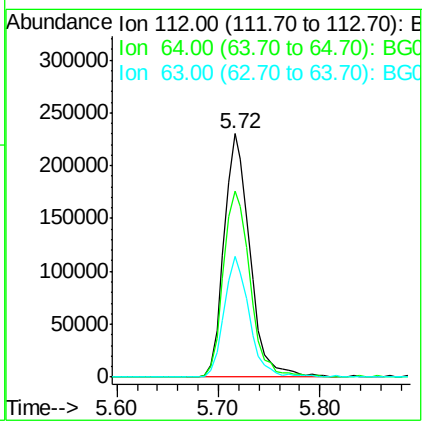


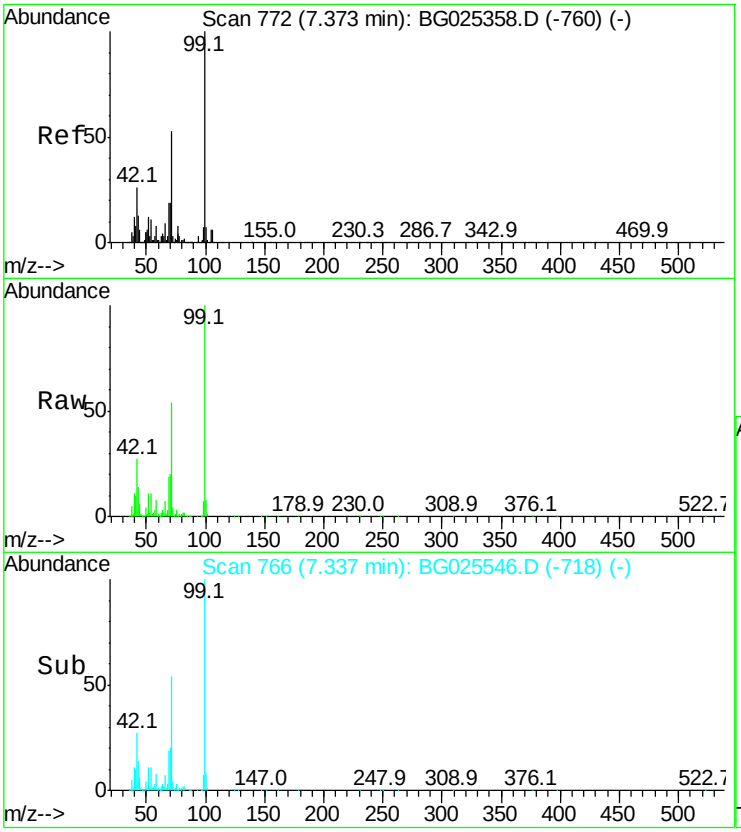


#5
2-Fluorophenol
Concen: 138.80 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.02 min
Lab File: BG025546.D
Acq: 20 Jan 2017 20:02

Tgt Ion:112 Resp: 406822

Ion	Ratio	Lower	Upper
112	100		
64	76.2	61.8	92.6
63	49.8	37.2	55.8



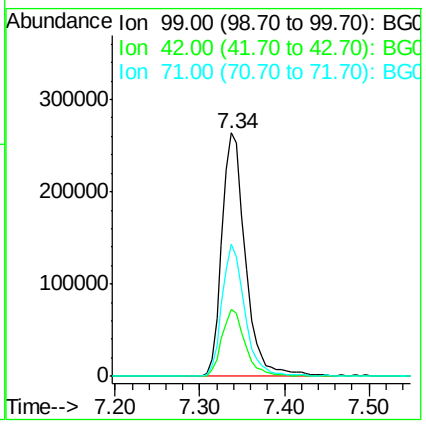


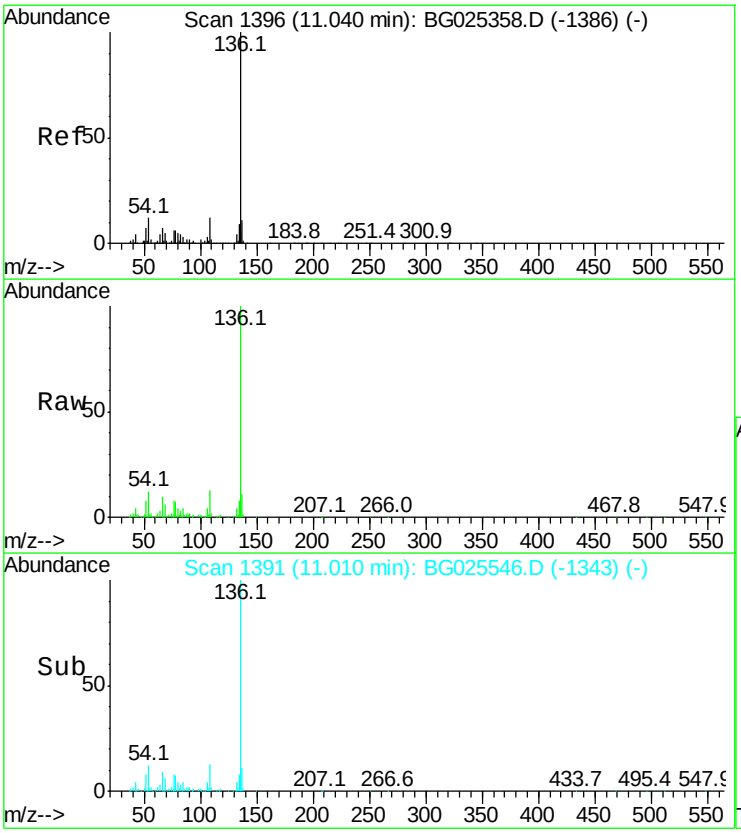
#7
Phenol-d6
Concen: 122.92 ng
RT: 7.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BG025546.D
Acq: 20 Jan 2017 20:02

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15939-COMP

Tgt Ion: 99 Resp: 507398

Ion	Ratio	Lower	Upper
99	100		
42	27.5	20.5	30.7
71	54.4	37.6	56.4

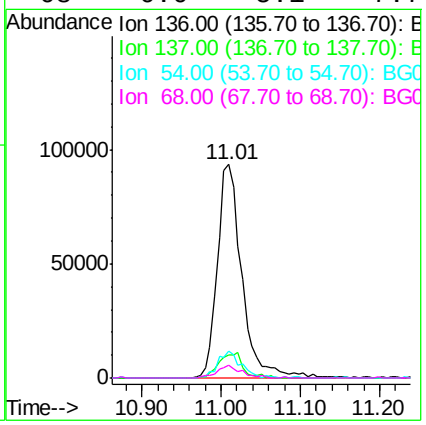


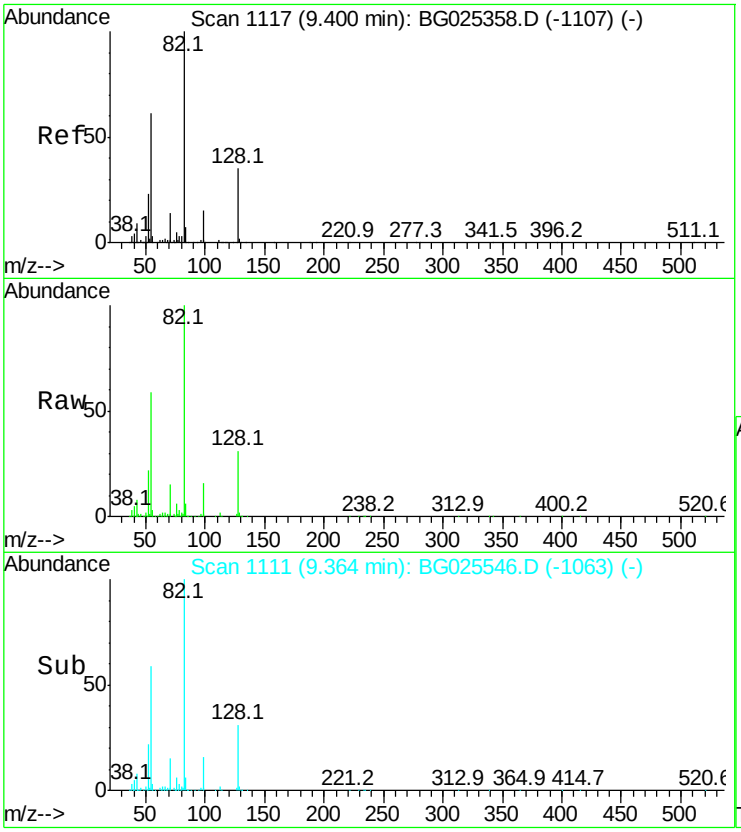


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BG025546.D
Acq: 20 Jan 2017 20:02

Tgt Ion:136 Resp: 200744

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	12.4	9.3	13.9
68	6.0	5.1	7.7

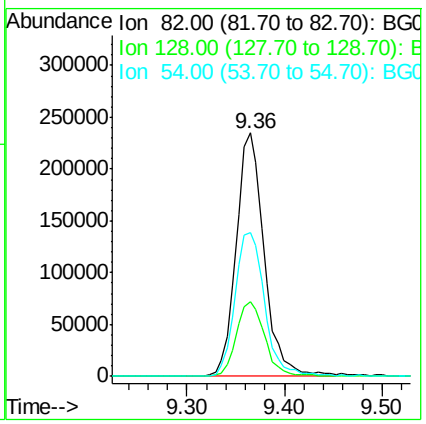




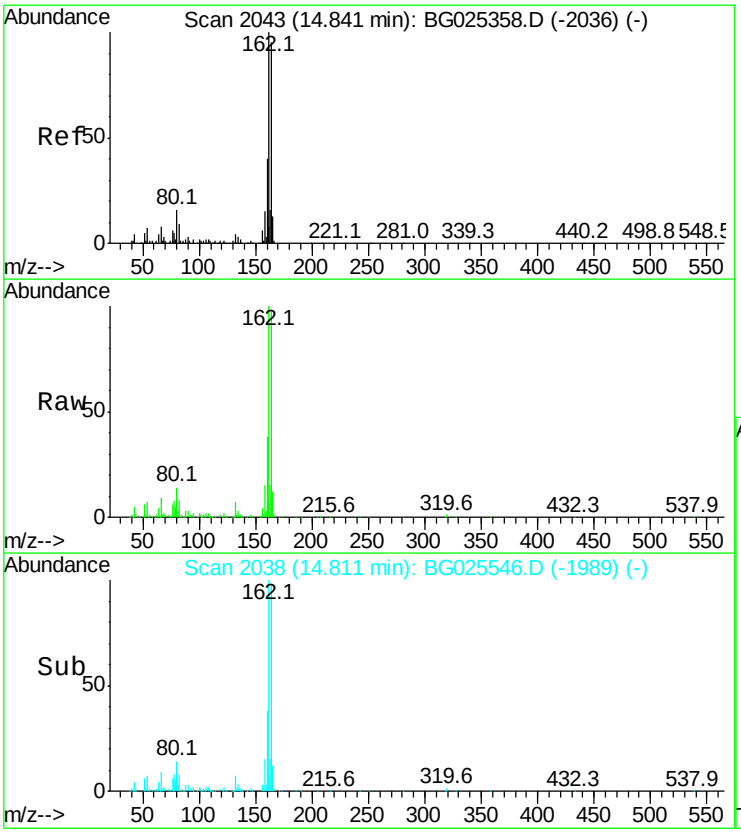
#23
Nitrobenzene-d5
Concen: 103.09 ng
RT: 9.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG025546.D
Acq: 20 Jan 2017 20:02

Tgt Ion: 82 Resp: 468437

Ion	Ratio	Lower	Upper
82	100		
128	30.8	26.4	39.6
54	59.3	49.4	74.2



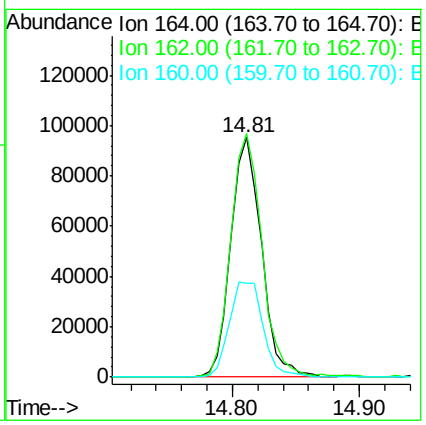
Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15939-COMP

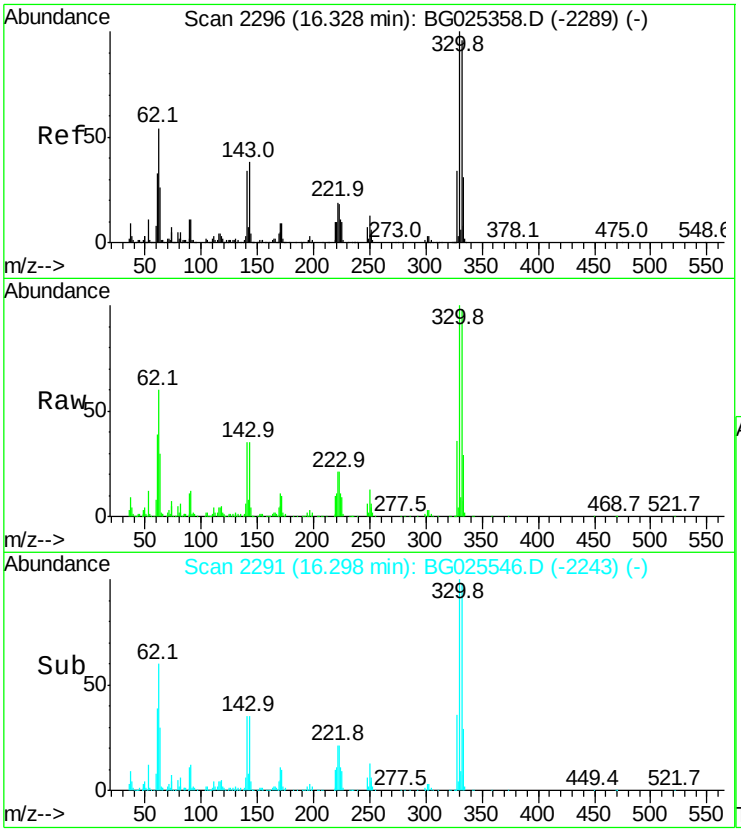


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG025546.D
Acq: 20 Jan 2017 20:02

Tgt Ion:164 Resp: 159212

Ion	Ratio	Lower	Upper
164	100		
162	101.6	85.1	127.7
160	39.1	34.7	52.1



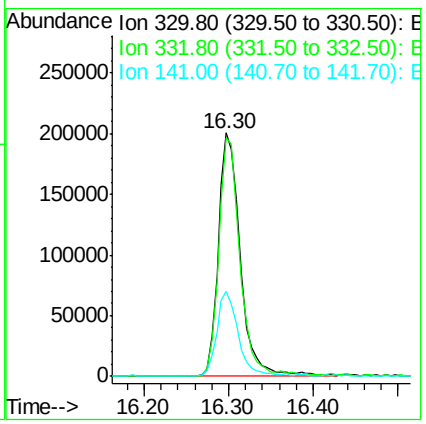


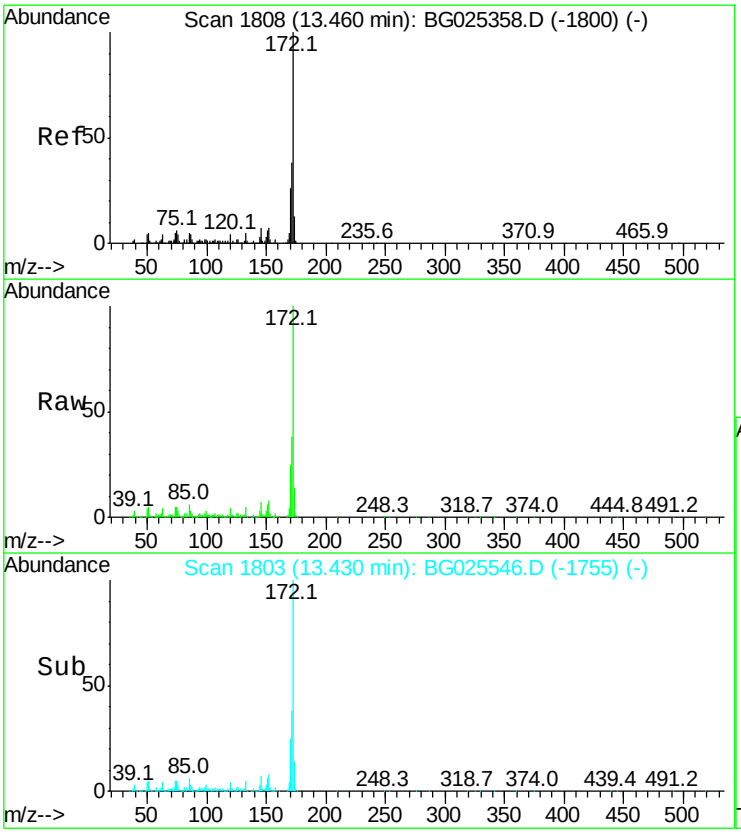
#41
2,4,6-Tribromophenol
Concen: 141.38 ng
RT: 16.30 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BG025546.D
Acq: 20 Jan 2017 20:02

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15939-COMP

Tgt Ion:330 Resp: 362392

Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.3	115.9
141	34.7	32.1	48.1

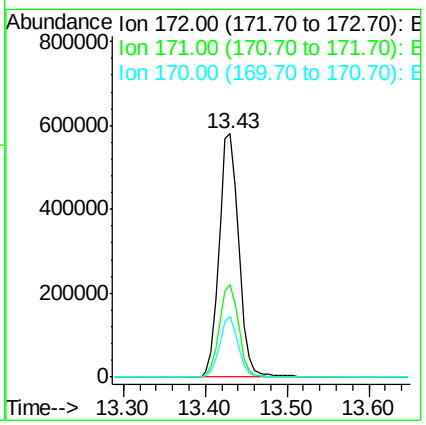


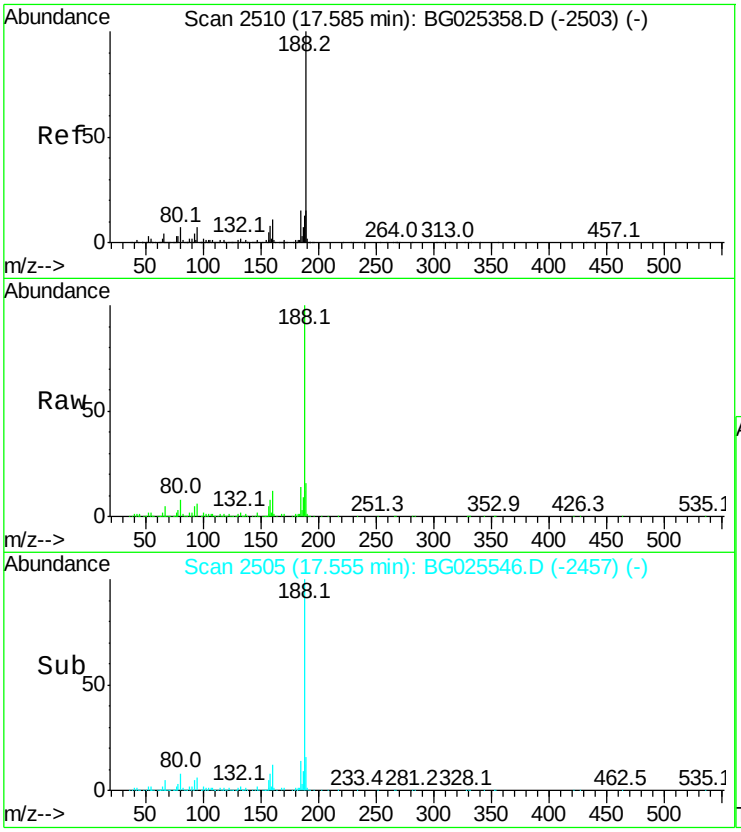


#44
2-Fluorobiphenyl
Concen: 98.91 ng
RT: 13.43 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG025546.D
Acq: 20 Jan 2017 20:02

Tgt Ion:172 Resp: 972720

Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	25.1	21.8	32.6



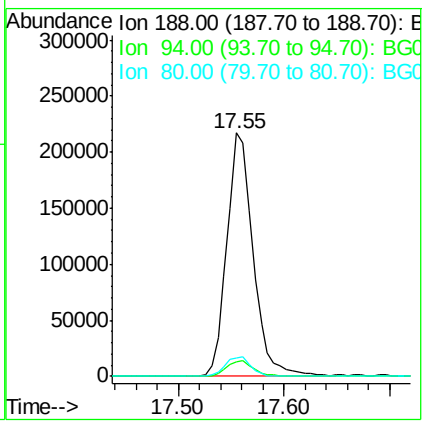


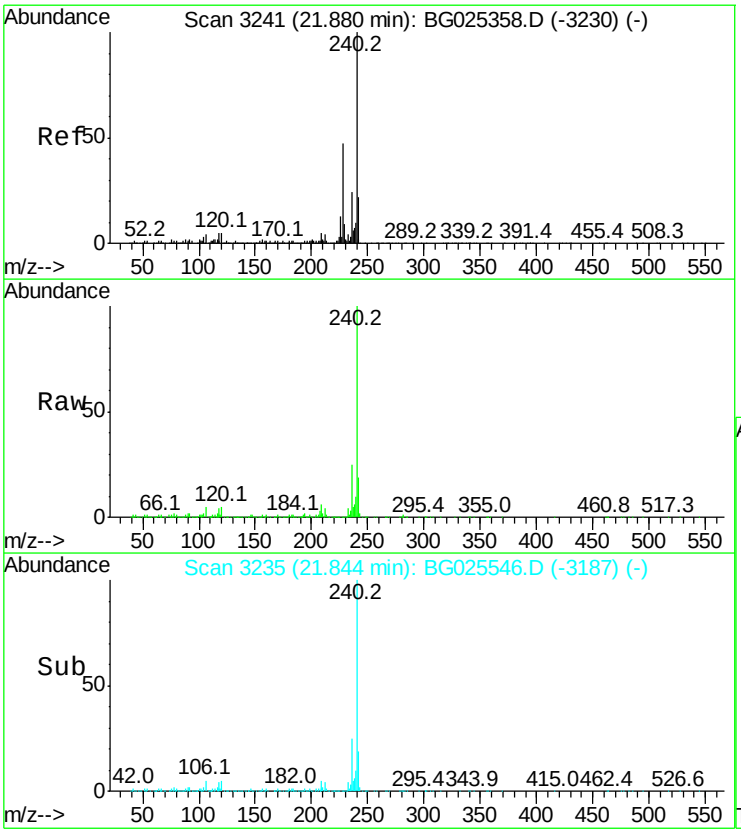
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2505
Delta R.T. -0.02 min
Lab File: BG025546.D
Acq: 20 Jan 2017 20:02

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15939-COMP

Tgt Ion:188 Resp: 372510

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.8	8.8
80	7.7	7.5	11.3

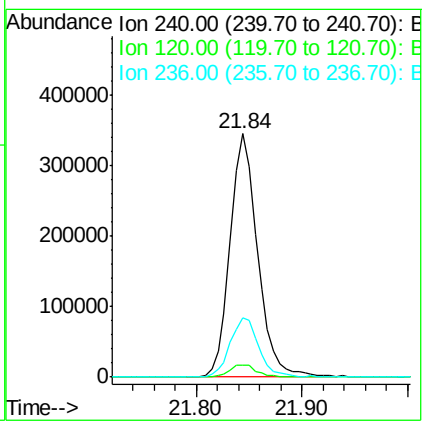


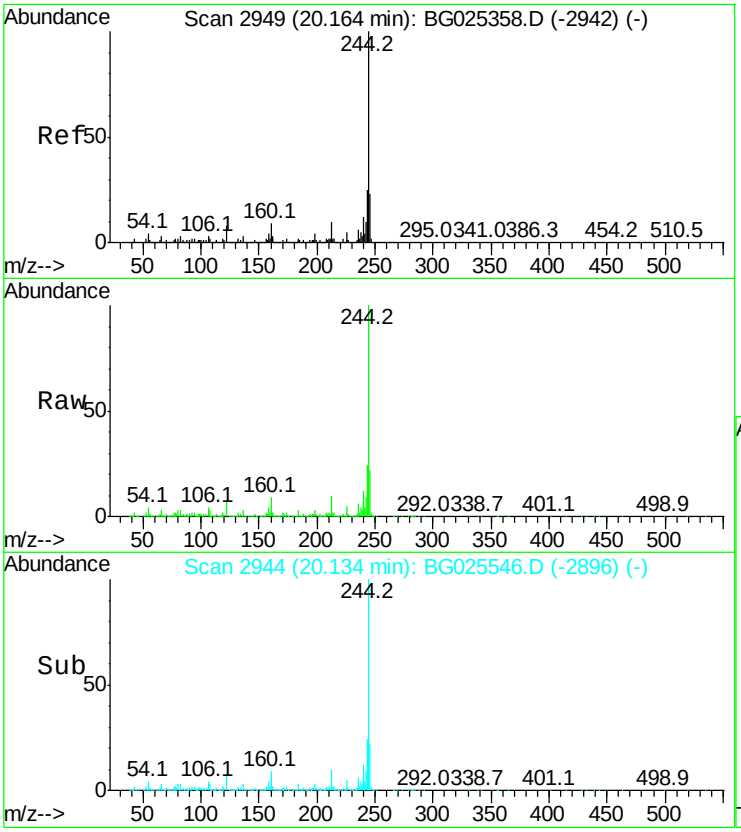


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG025546.D
Acq: 20 Jan 2017 20:02

Tgt Ion:240 Resp: 622968

Ion	Ratio	Lower	Upper
240	100		
120	4.9	5.7	8.5#
236	24.6	22.2	33.4



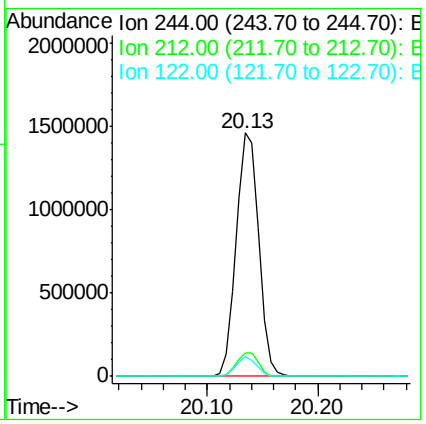


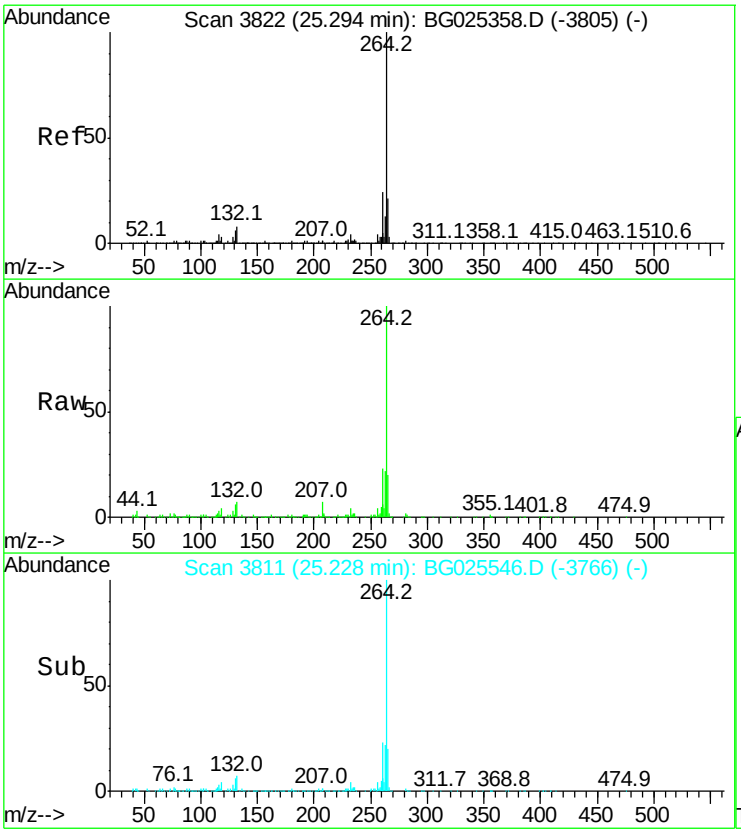
#78
Terphenyl-d14
Concen: 89.60 ng
RT: 20.13 min Scan# 2944
Delta R.T. -0.02 min
Lab File: BG025546.D
Acq: 20 Jan 2017 20:02

Instrument :
BNA_G
ClientSampleId :
ROLL-OFF-15939-COMP

Tgt Ion:244 Resp: 2105200

Ion	Ratio	Lower	Upper
244	100		
212	9.7	10.0	15.0#
122	8.0	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. -0.04 min
Lab File: BG025546.D
Acq: 20 Jan 2017 20:02

Tgt Ion:264 Resp: 532375

Ion	Ratio	Lower	Upper
264	100		
260	23.0	21.8	32.8
265	20.0	18.2	27.4