Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035533.D
Acq On : 30 Jun 2018 9:00
Operator : JU/SJ
Sample : PB110708BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110708BL

Quant Time: Jul 02 01:38:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24186	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	87326	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	67940	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	205681	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	254490	20.00	ng	-0.03
86) Perylene-d12	24.91	264	235491	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	186410	130.07	ng	0.00
7) Phenol-d6	7.22	99	271774	128.48	ng	0.00
23) Nitrobenzene-d5	9.22	82	170915	93.03	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	130117	149.61	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	428995	82.09	ng	-0.02
78) Terphenyl-d14	20.03	244	1020828	84.02	ng	-0.02
Target Compounds						Qvalue

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

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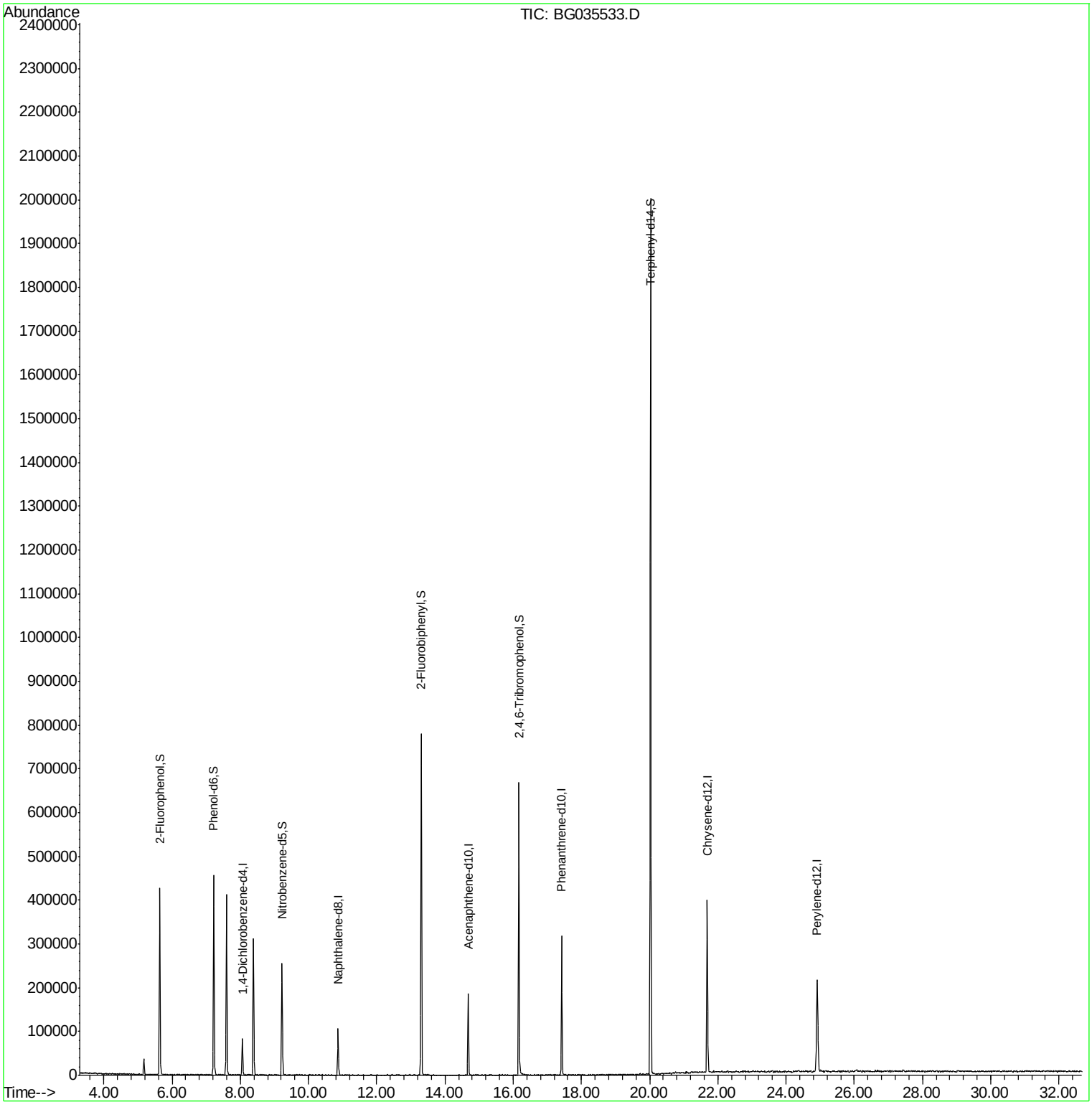
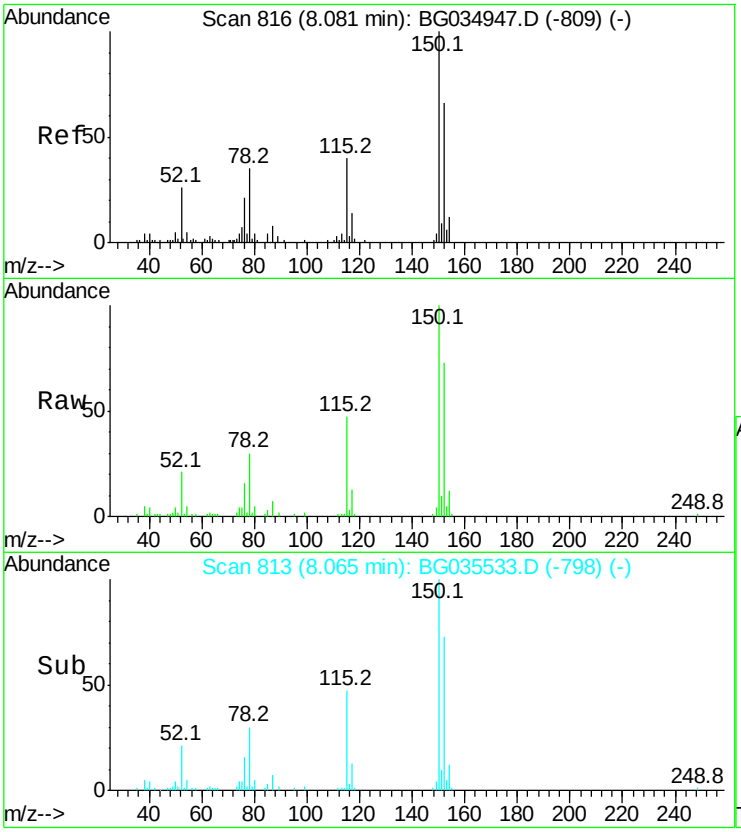


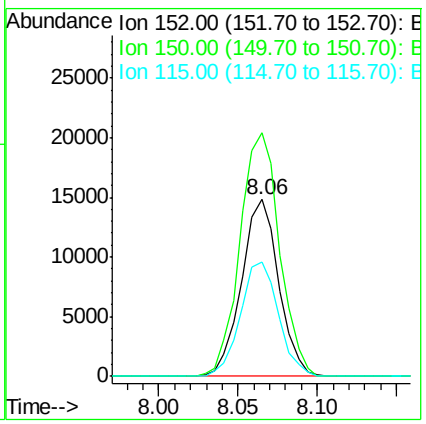


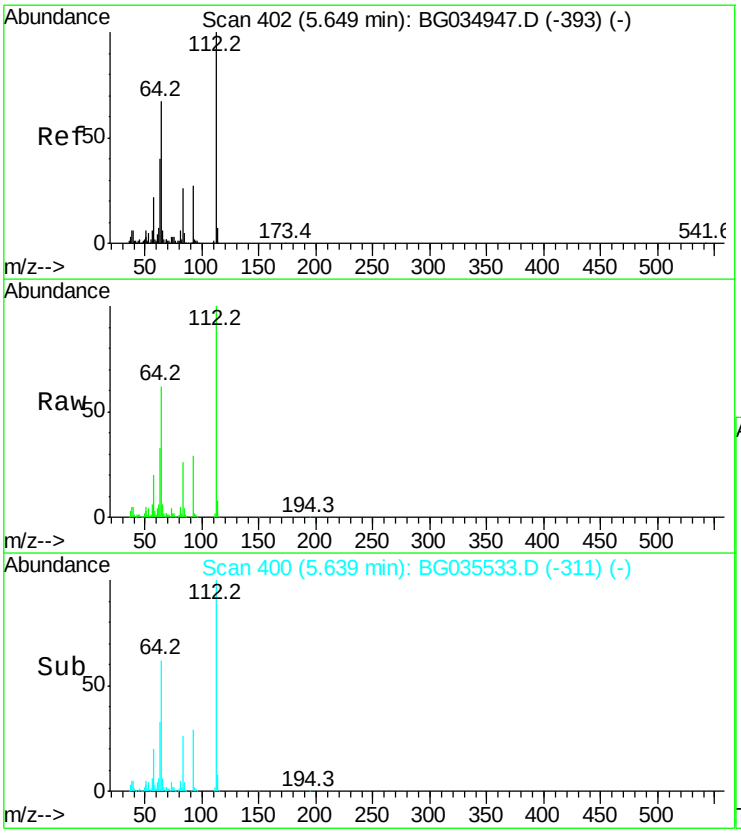
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Instrument :
BNA_G
ClientSampleId :
PB110708BL

Tgt Ion:152 Resp: 24186

Ion	Ratio	Lower	Upper
152	100		
150	137.9	126.6	189.8
115	64.9	53.0	79.4

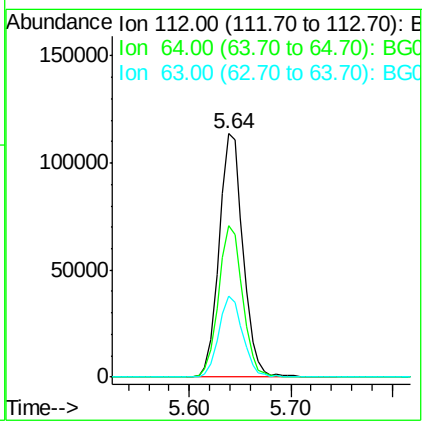


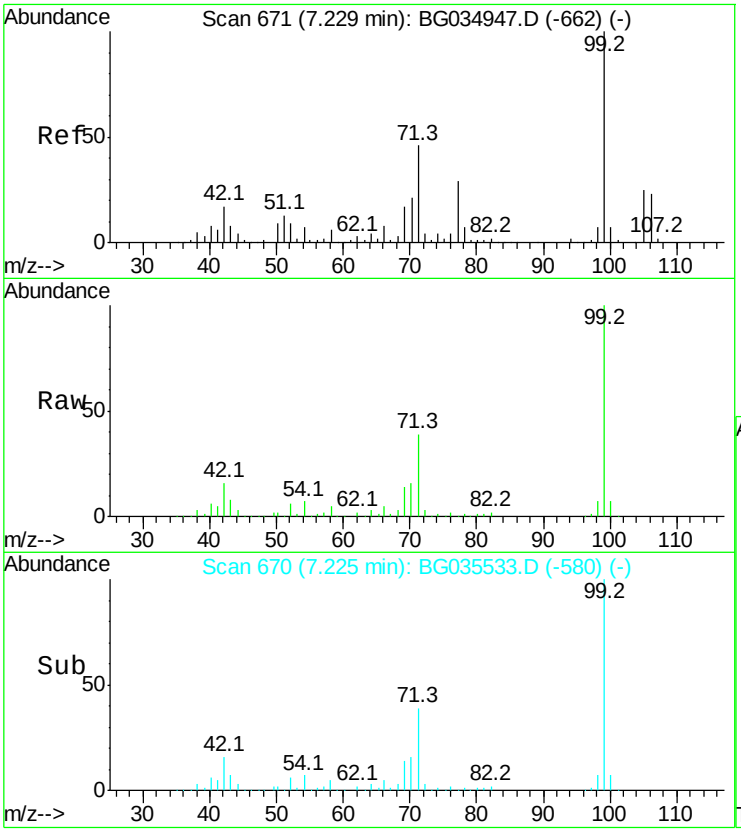


#5
2-Fluorophenol
Concen: 130.070 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Tgt Ion:112 Resp: 186410

Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.3	84.5
63	33.3	30.1	45.1



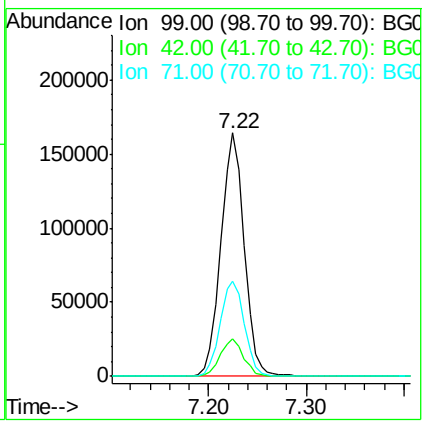


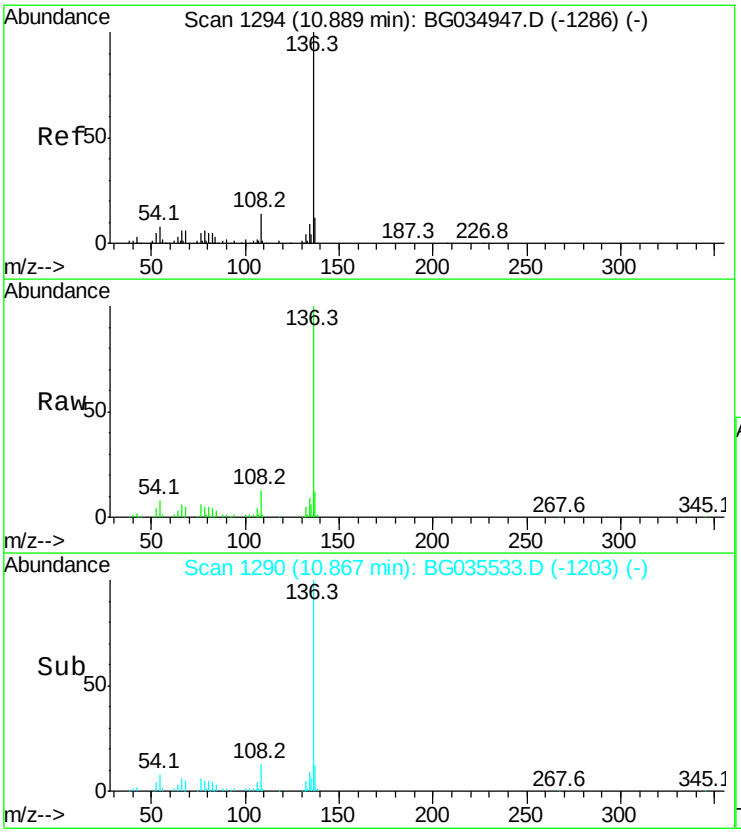
#7
Phenol-d6
Concen: 128.483 ng
RT: 7.22 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Instrument :
BNA_G
ClientSampleId :
PB110708BL

Tgt Ion: 99 Resp: 271774

Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.1	21.1
71	39.0	26.1	39.1

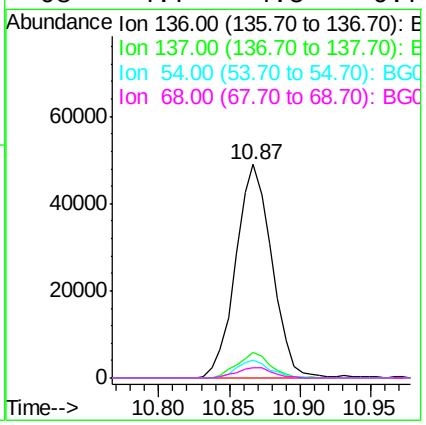


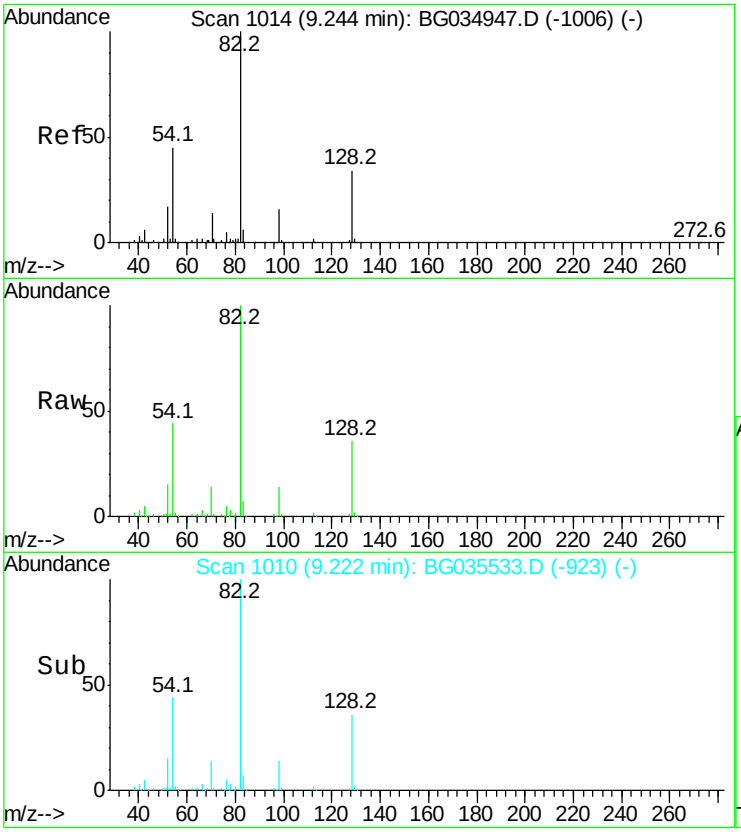


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Tgt Ion:136 Resp: 87326

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	8.3	10.3	15.5#
68	4.7	4.5	6.7



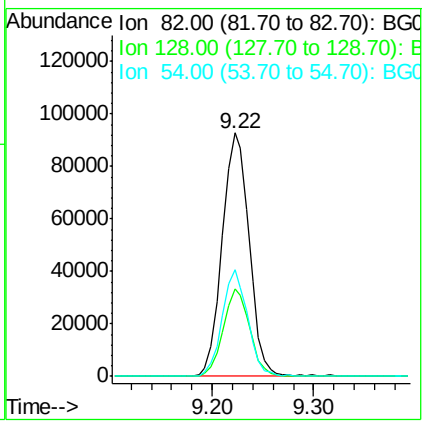


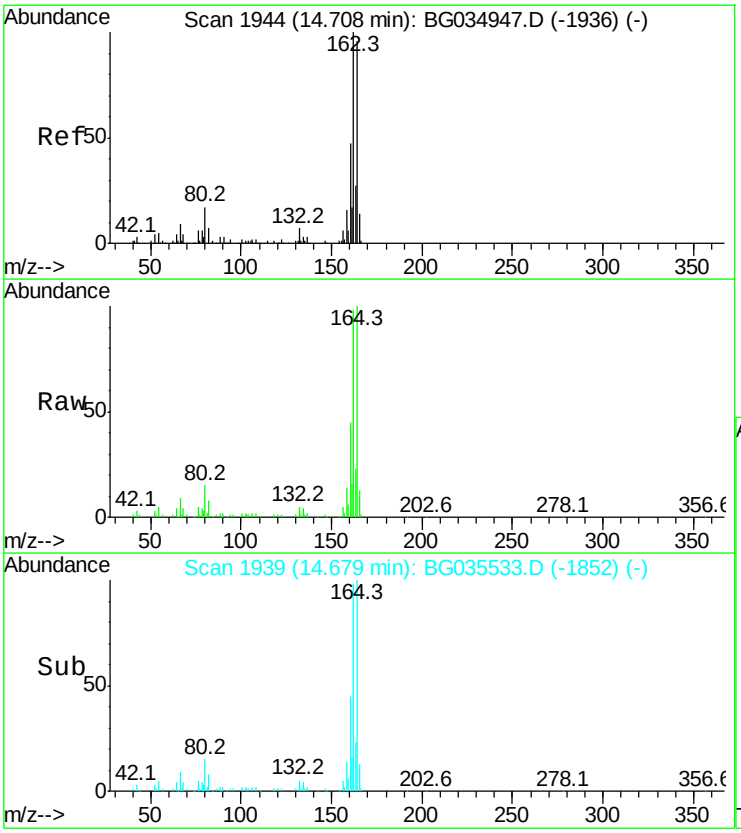
#23
Nitrobenzene-d5
Concen: 93.035 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Instrument :
BNA_G
ClientSampleId :
PB110708BL

Tgt Ion: 82 Resp: 170915

Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	44.0	43.1	64.7

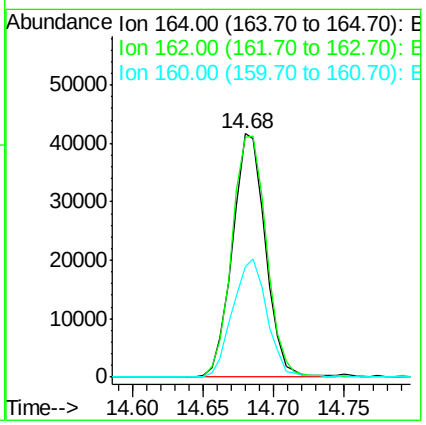


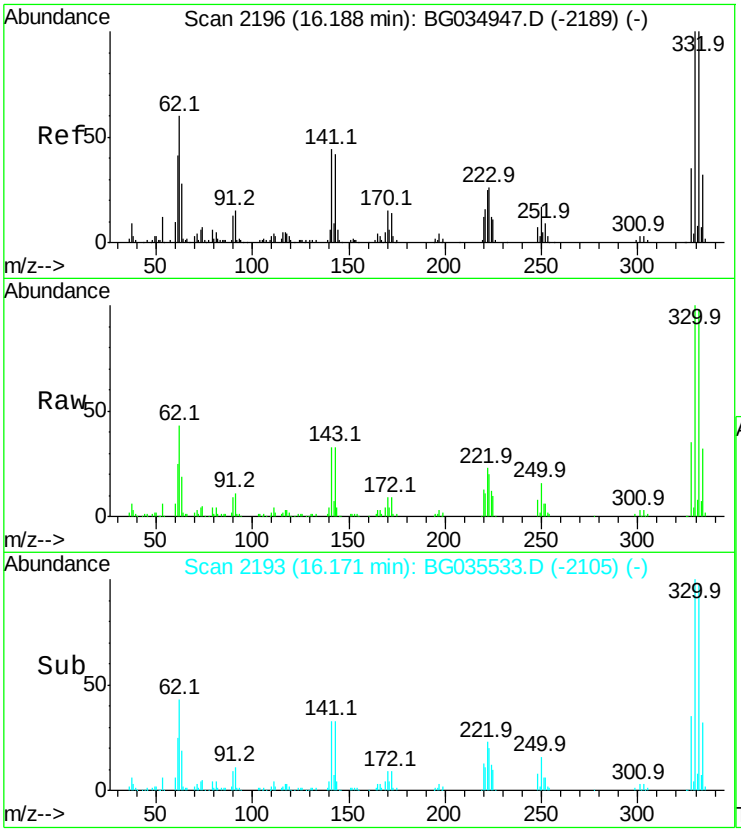


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Tgt Ion:164 Resp: 67940

Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.8	118.2
160	45.2	35.4	53.0



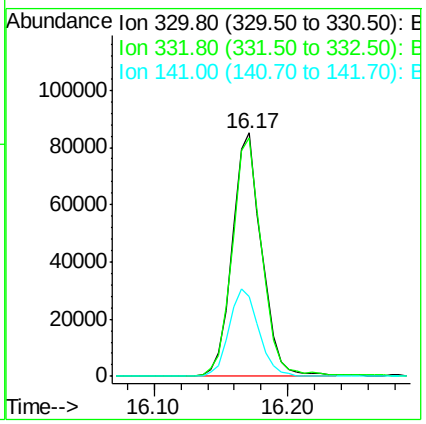


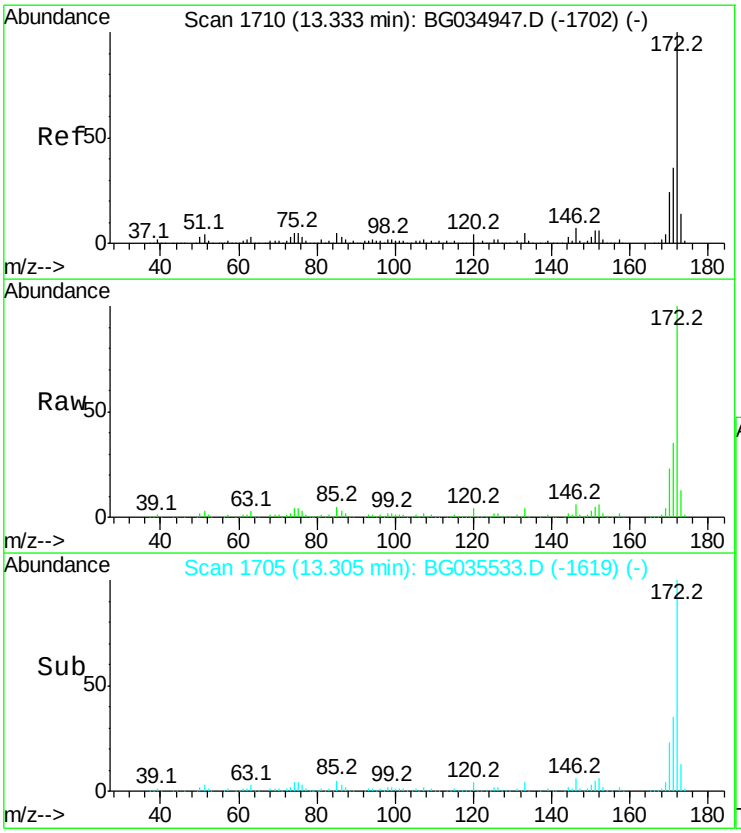
#41
2,4,6-Tribromophenol
Concen: 149.608 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Instrument :
BNA_G
ClientSampleId :
PB110708BL

Tgt Ion:330 Resp: 130117

Ion	Ratio	Lower	Upper
330	100		
332	99.8	77.0	115.6
141	36.1	25.2	37.8

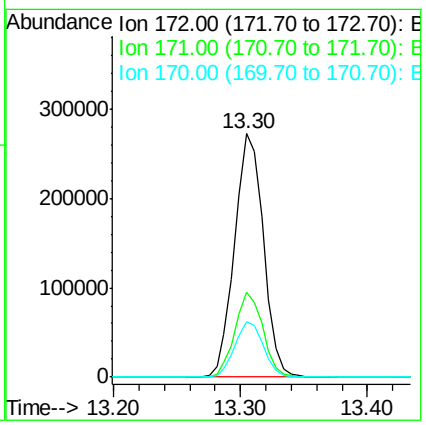


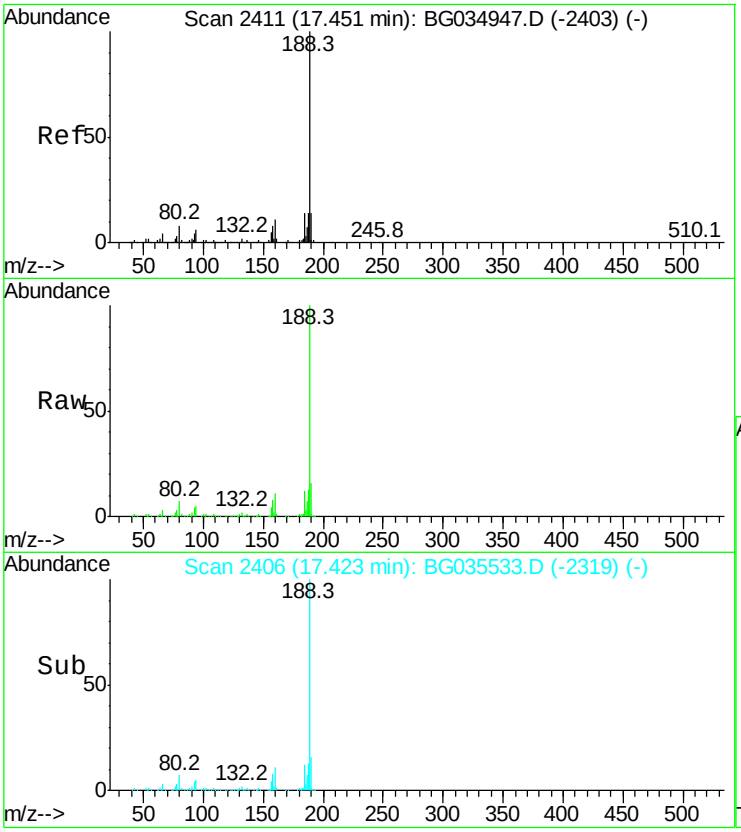


#44
2-Fluorobiphenyl
Concen: 82.086 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Tgt Ion:172 Resp: 428995

Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	23.0	19.5	29.3



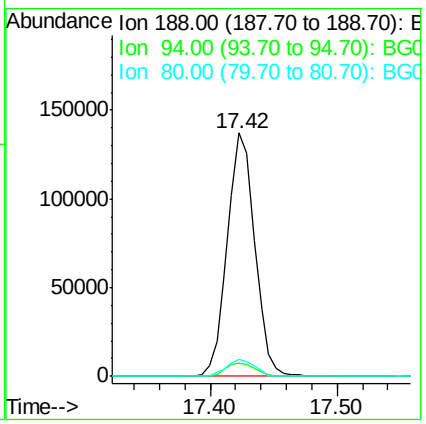


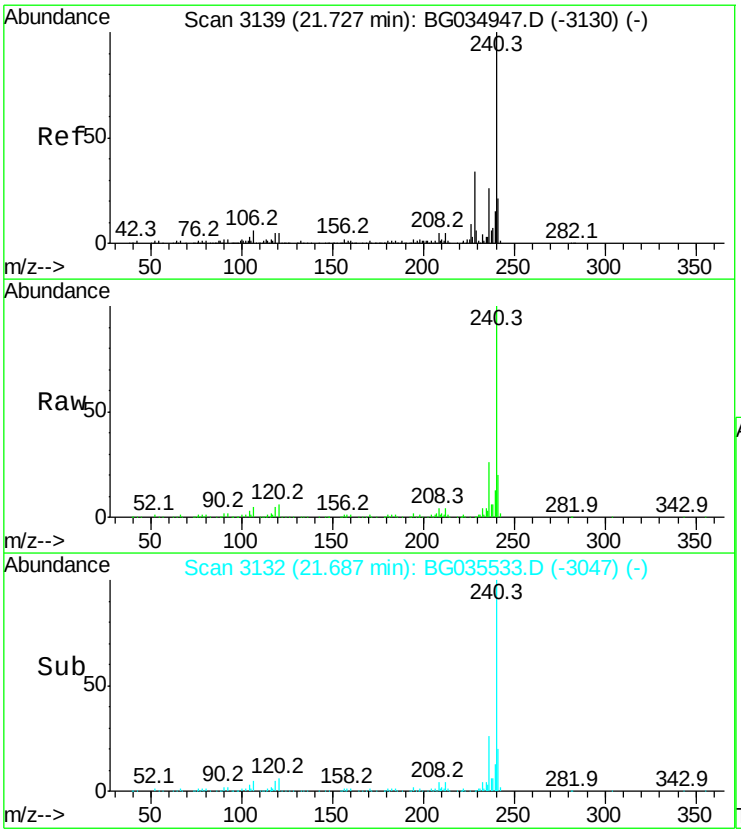
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Instrument :
BNA_G
ClientSampleId :
PB110708BL

Tgt Ion:188 Resp: 205681

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	6.9	7.7	11.5#

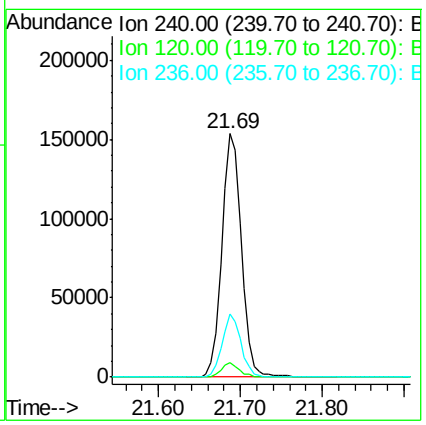


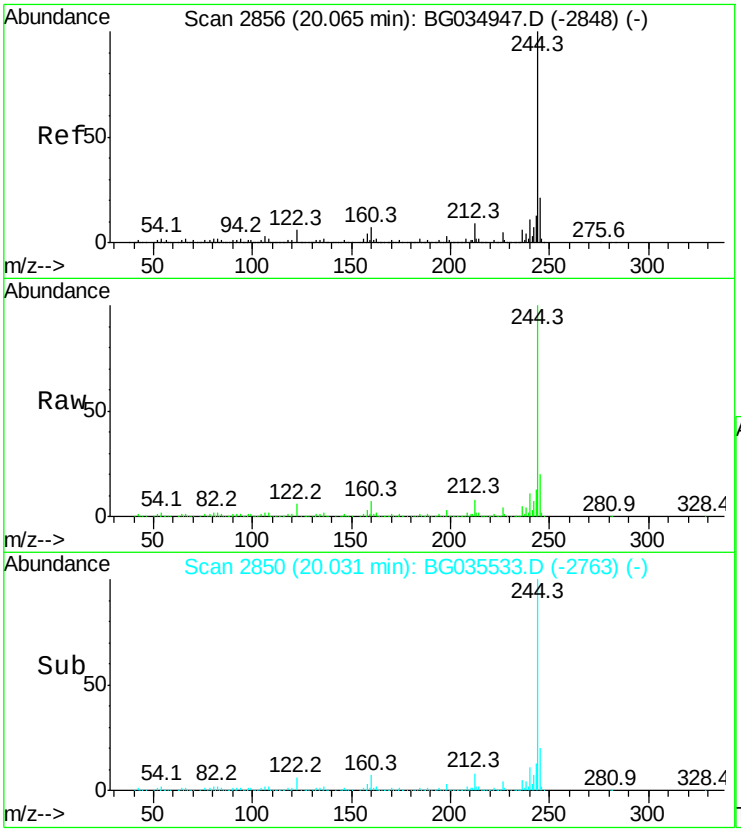


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Tgt Ion:240 Resp: 254490

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	26.2	20.9	31.3



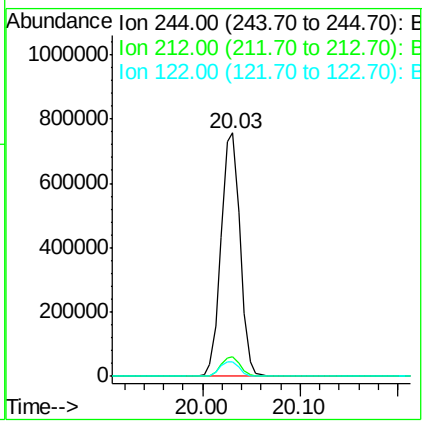


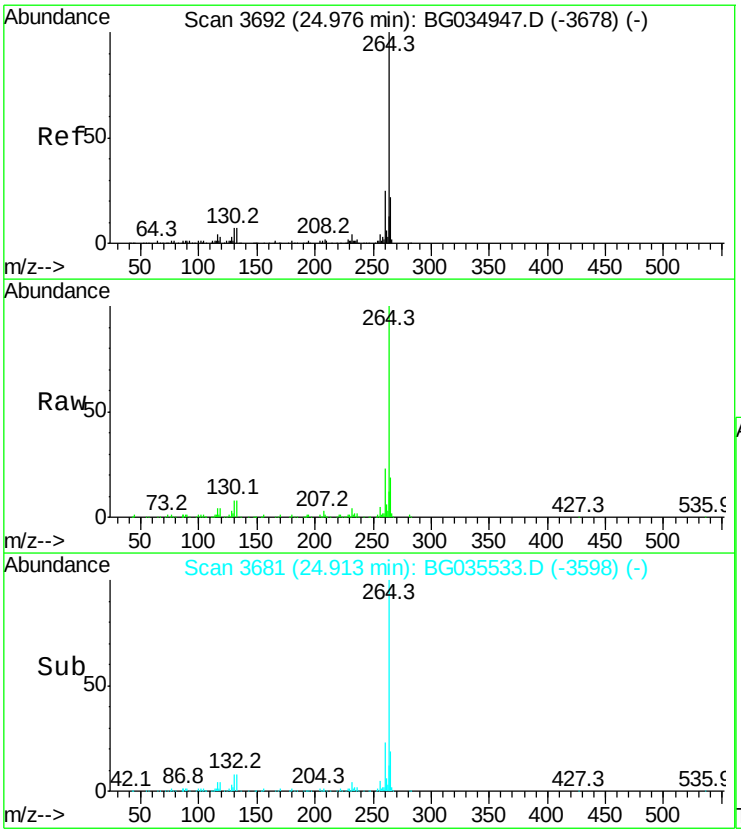
#78
Terphenyl-d14
Concen: 84.023 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Instrument :
BNA_G
ClientSampleId :
PB110708BL

Tgt Ion:244 Resp: 1020828

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	6.1	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035533.D
Acq: 30 Jun 2018 9:00

Tgt Ion:264 Resp: 235491

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	19.2	17.7	26.5