Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031434.D
Acq On : 9 Dec 2017 00:58
Operator : SJ/JU
Sample : I6725-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-TPI1-SW02

Quant Time: Dec 09 03:06:12 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	36747	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	157067	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	117331	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	381119	20.00	ng	0.00
75) Chrysene-d12	21.77	240	450184	20.00	ng	0.00
86) Perylene-d12	25.08	264	427691	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	253753	118.41	ng	0.00
7) Phenol-d6	7.29	99	322553	111.72	ng	0.00
23) Nitrobenzene-d5	9.29	82	254834	96.14	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	227124	119.66	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	739265	90.53	ng	0.00
78) Terphenyl-d14	20.09	244	1862963	91.38	ng	0.00

Target Compounds	Qvalue

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

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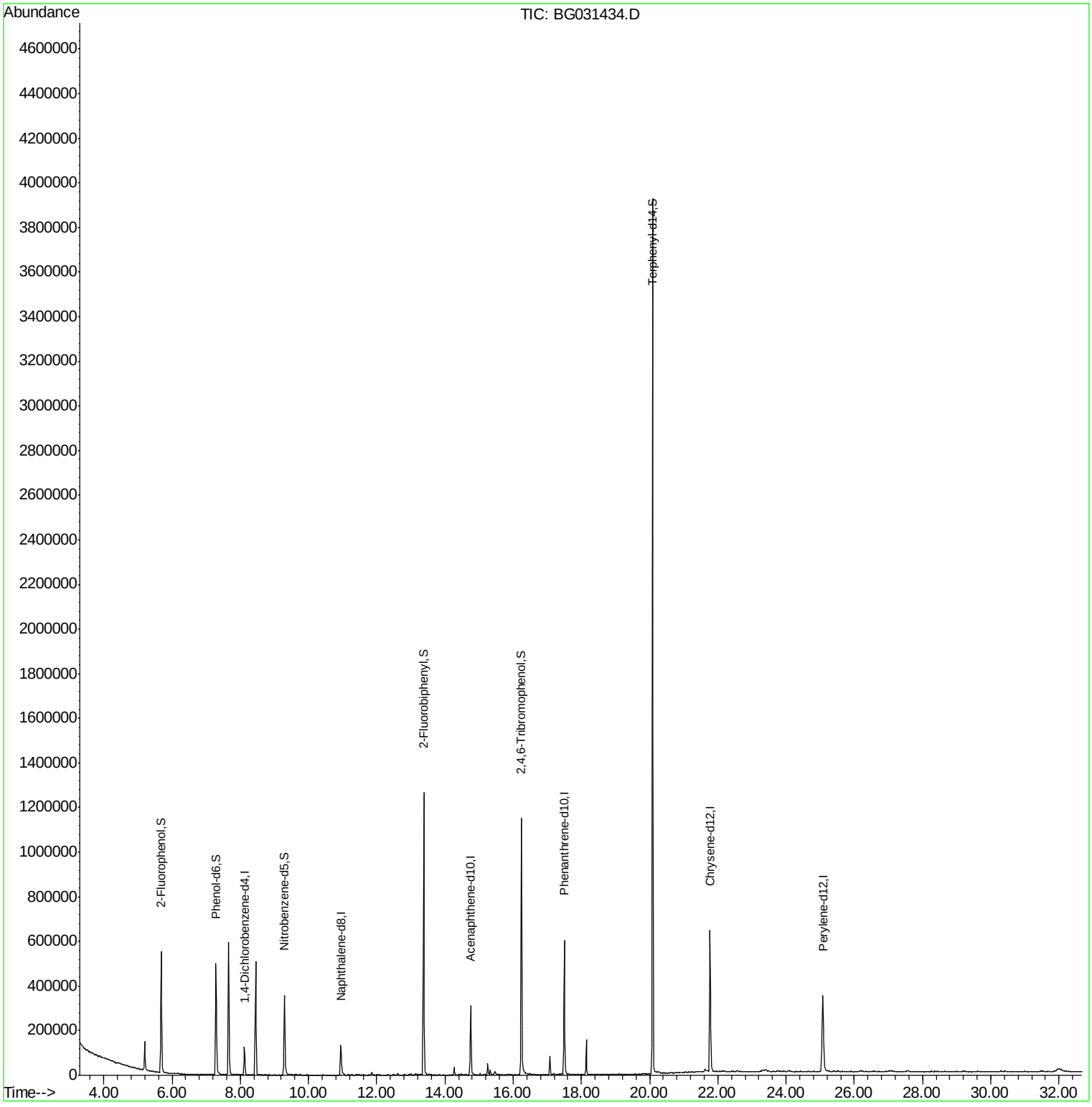
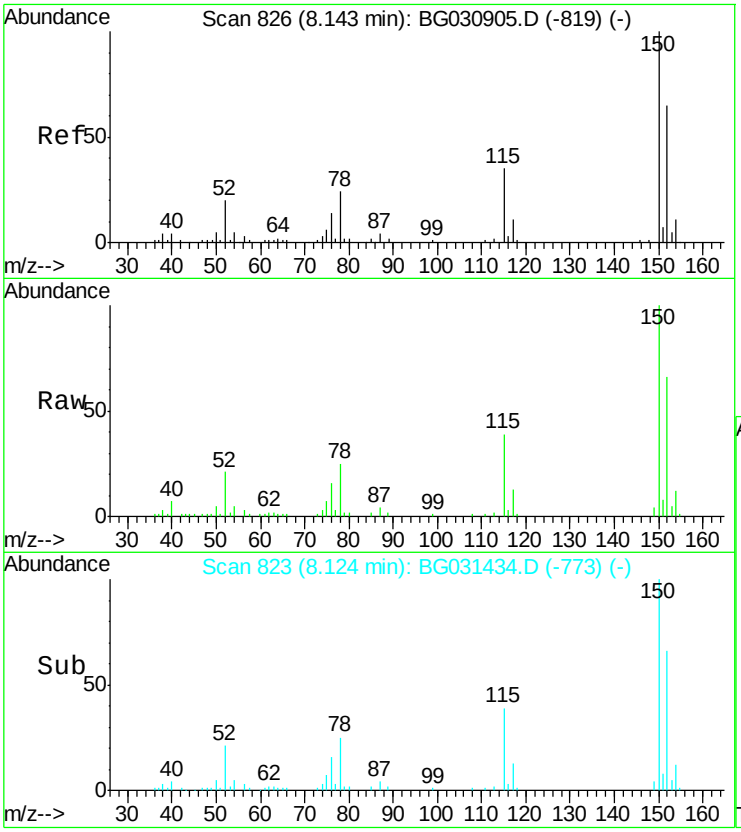


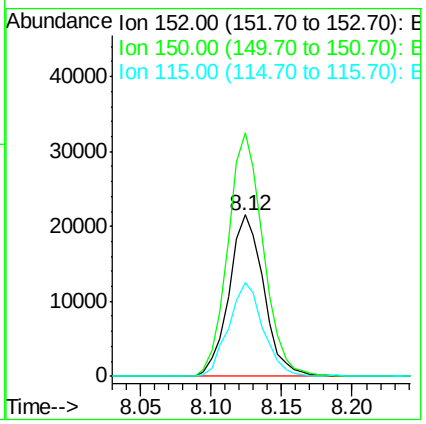


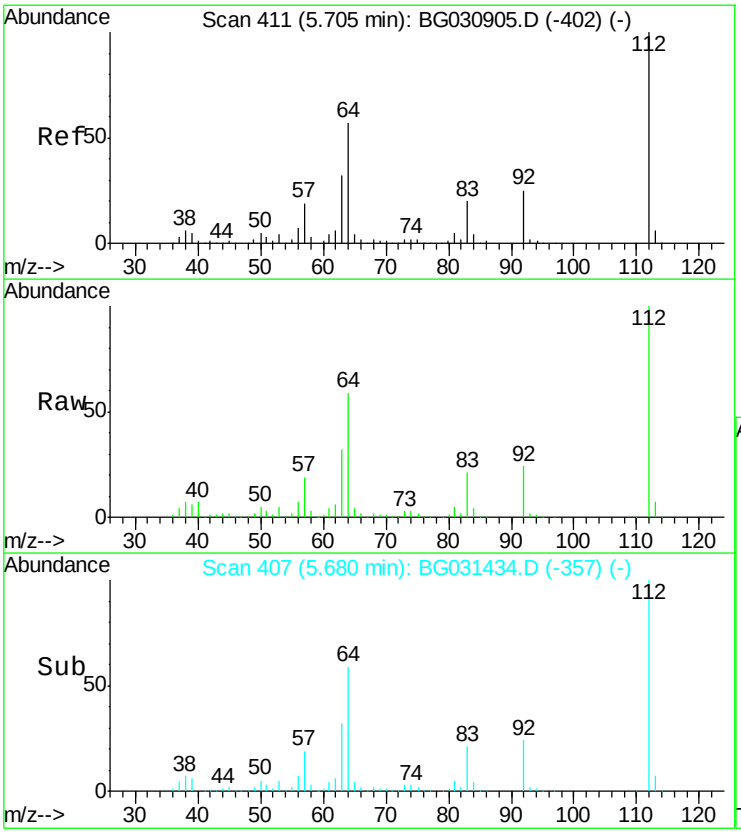
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW02

Tgt Ion:152 Resp: 36747

Ion	Ratio	Lower	Upper
152	100		
150	150.7	126.6	189.8
115	58.5	53.0	79.4

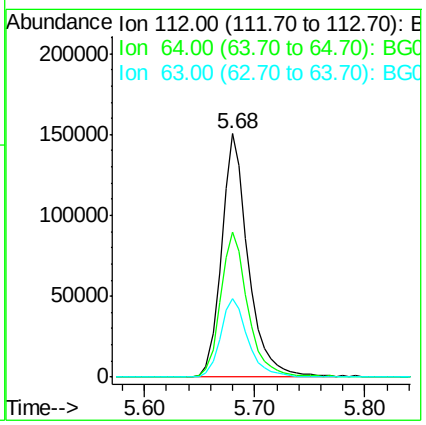


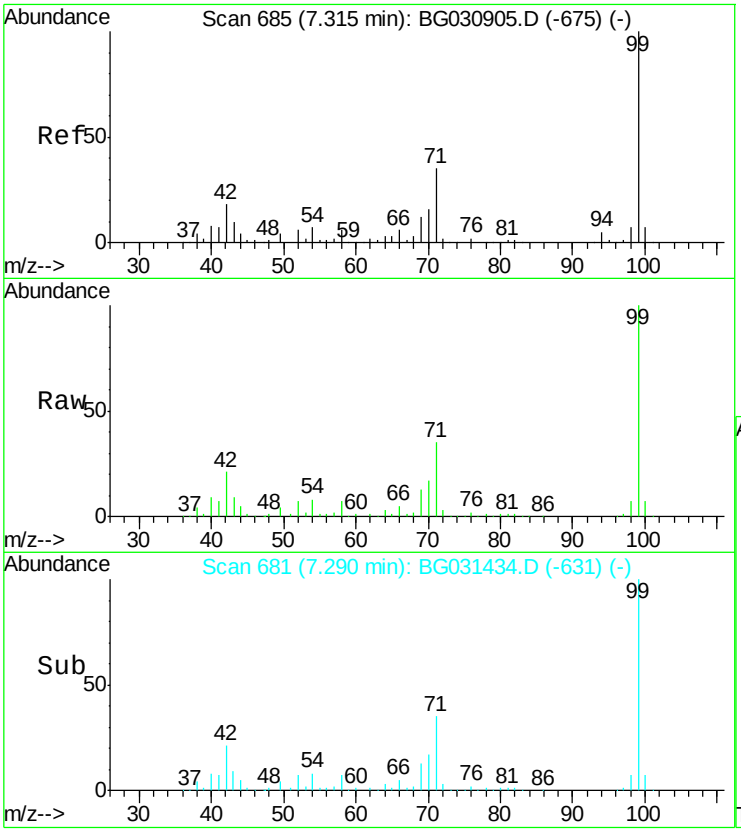


#5
2-Fluorophenol
Concen: 118.411 ng
RT: 5.68 min Scan# 407
Delta R.T. -0.00 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Tgt Ion:112 Resp: 253753

Ion	Ratio	Lower	Upper
112	100		
64	59.4	56.3	84.5
63	32.0	30.1	45.1



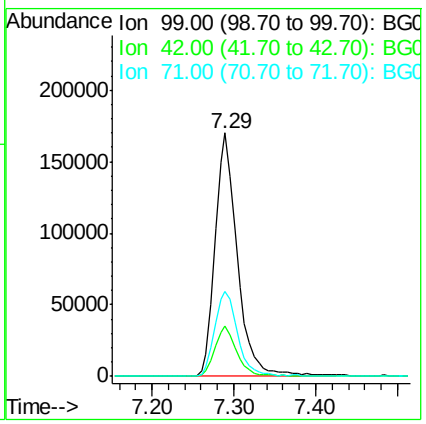


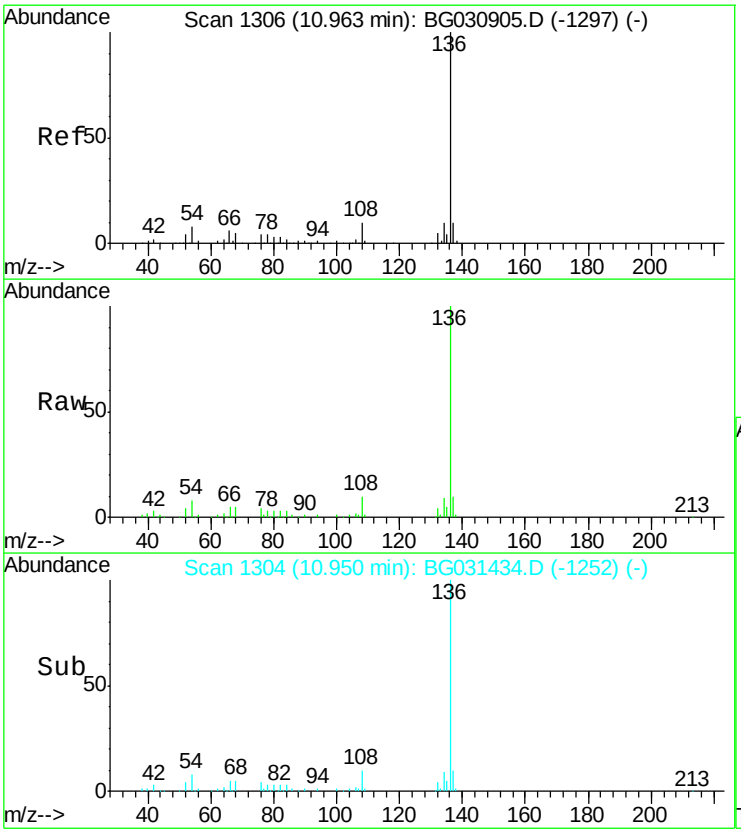
#7
Phenol-d6
Concen: 111.724 ng
RT: 7.29 min Scan# 681
Delta R.T. -0.00 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW02

Tgt Ion: 99 Resp: 322553

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.1	21.1
71	34.9	26.1	39.1

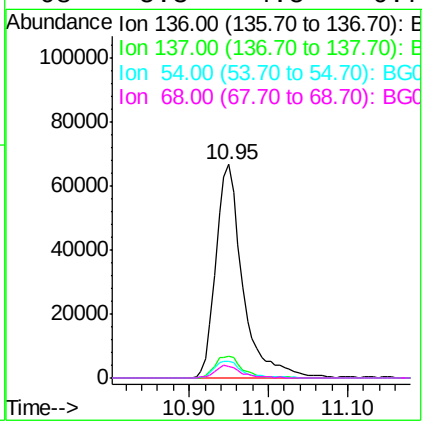


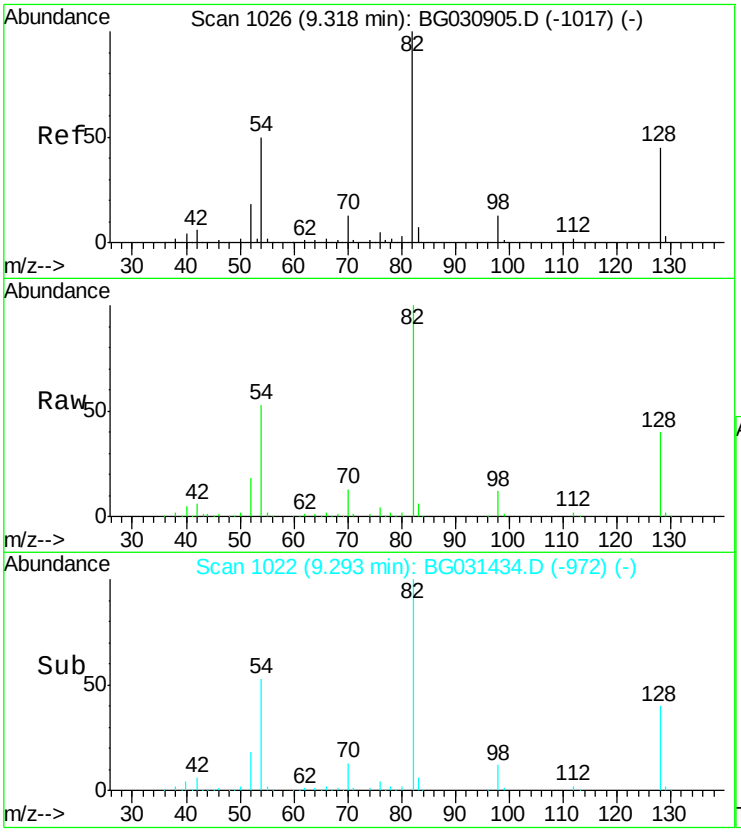


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Tgt Ion:136 Resp: 157067

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	7.5	10.3	15.5#
68	5.3	4.5	6.7



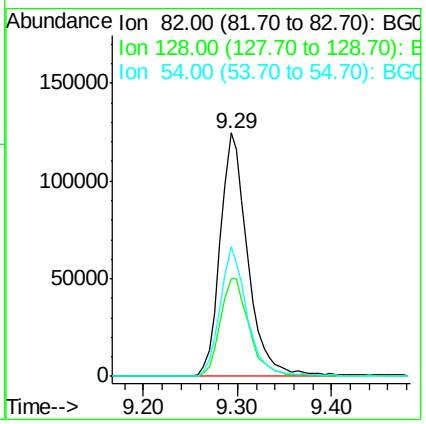


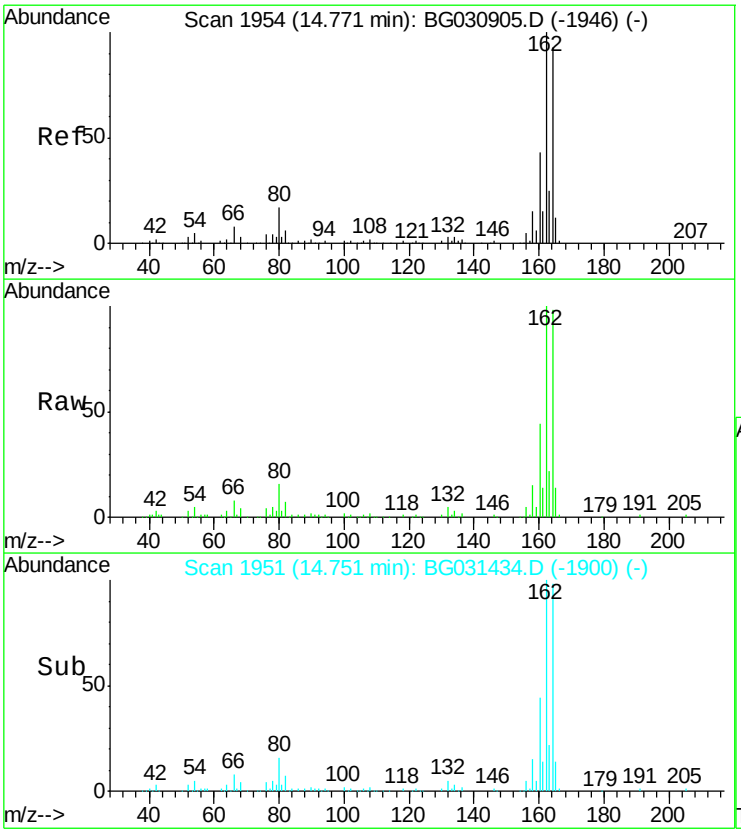
#23
Nitrobenzene-d5
Concen: 96.141 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW02

Tgt Ion: 82 Resp: 254834

Ion	Ratio	Lower	Upper
82	100		
128	40.4	29.7	44.5
54	53.1	43.1	64.7

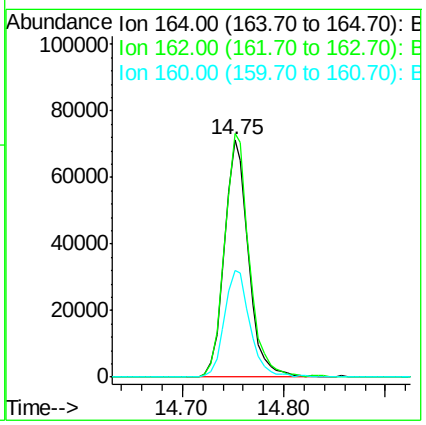


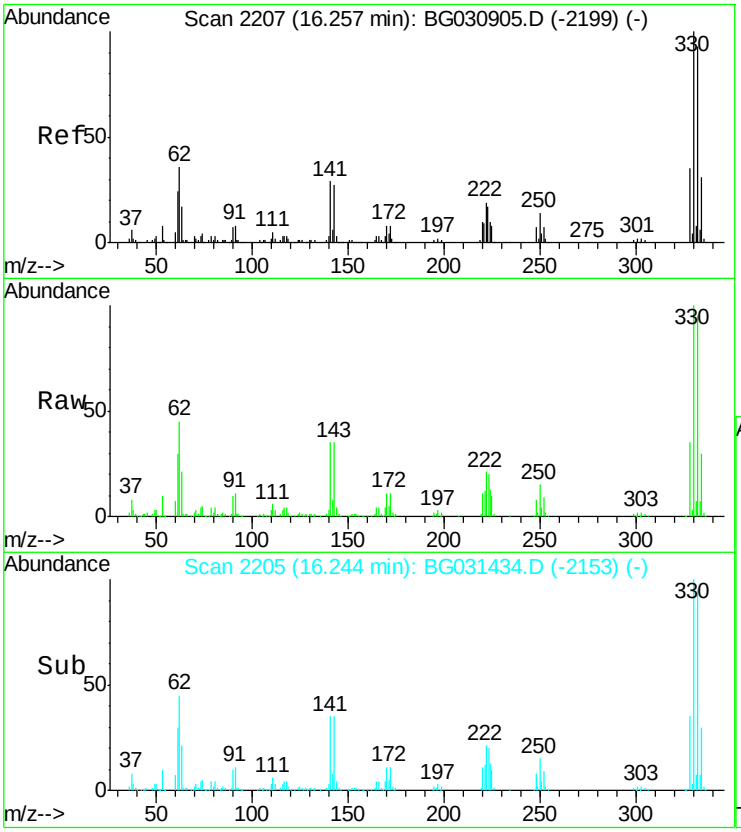


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Tgt Ion:164 Resp: 117331

Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	44.8	35.4	53.0



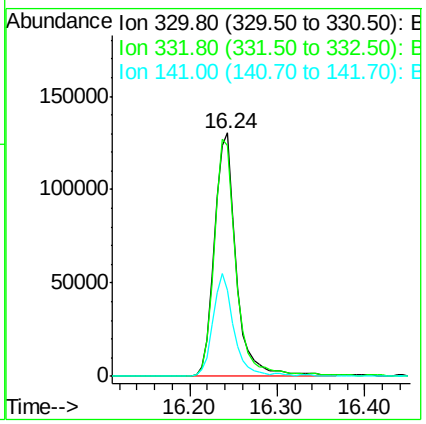


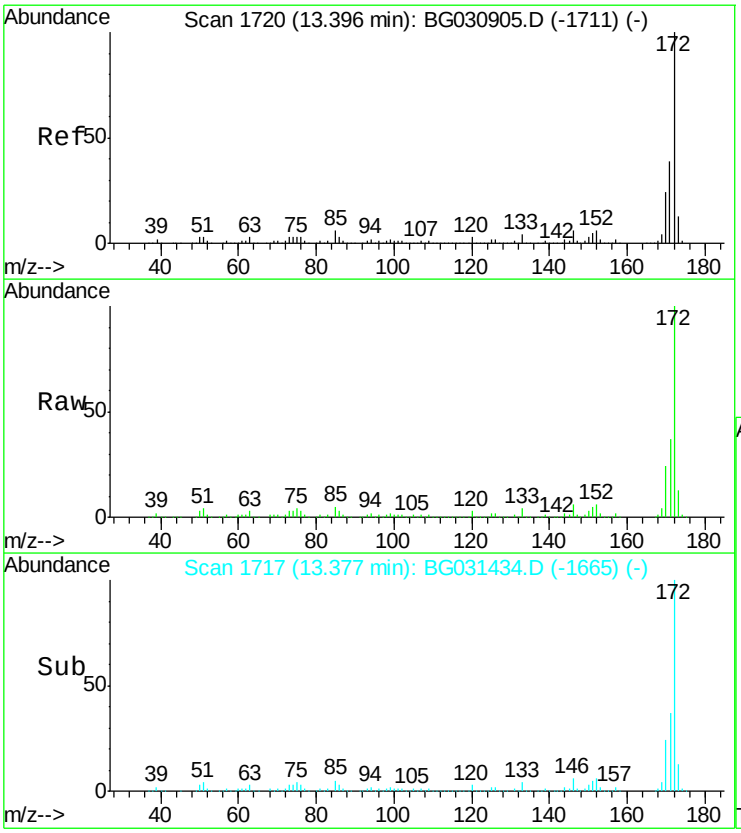
#41
2,4,6-Tribromophenol
Concen: 119.663 ng
RT: 16.24 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW02

Tgt Ion:330 Resp: 227124

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	40.1	25.2	37.8#

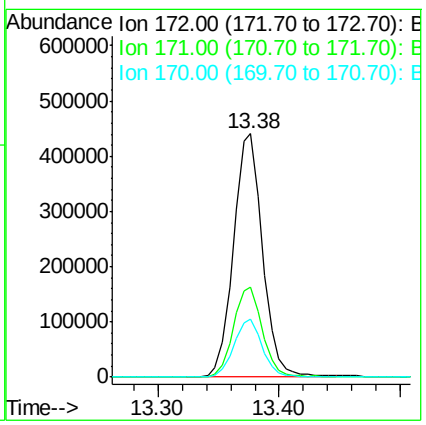


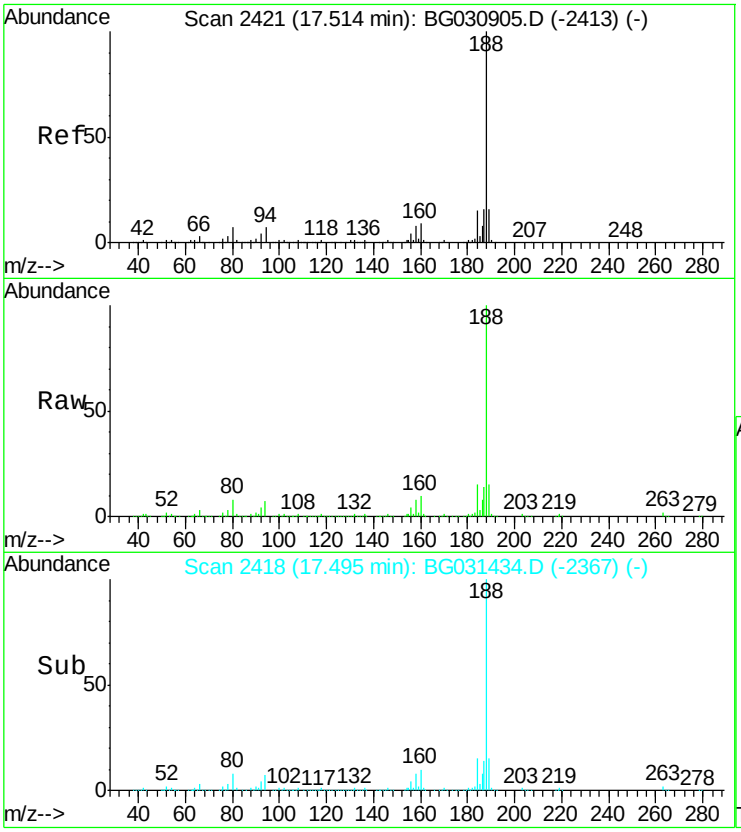


#44
2-Fluorobiphenyl
Concen: 90.534 ng
RT: 13.38 min Scan# 1717
Delta R.T. 0.01 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Tgt Ion:172 Resp: 739265

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.6	19.5	29.3



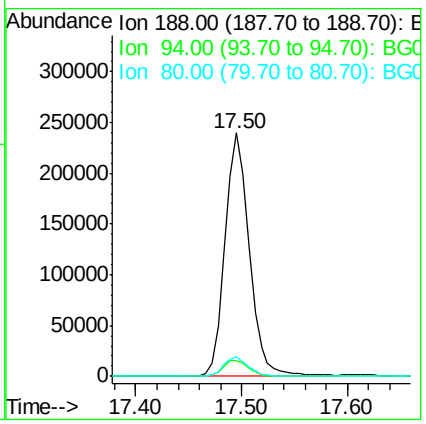


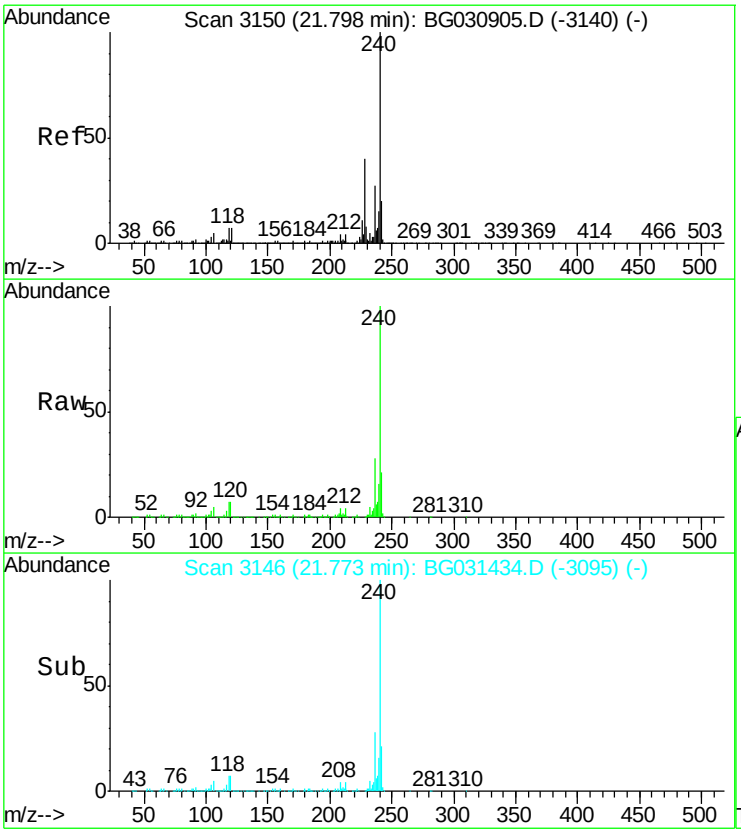
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW02

Tgt Ion:188 Resp: 381119

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	8.0	7.7	11.5

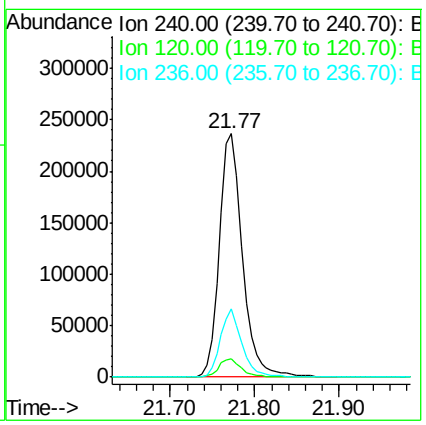


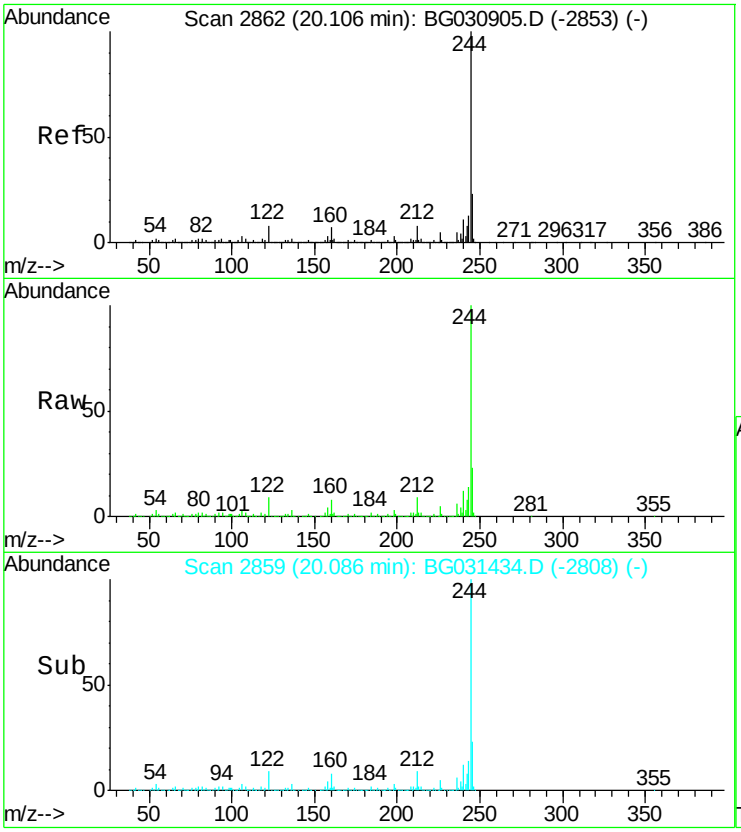


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Tgt Ion:240 Resp: 450184

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	28.0	20.9	31.3



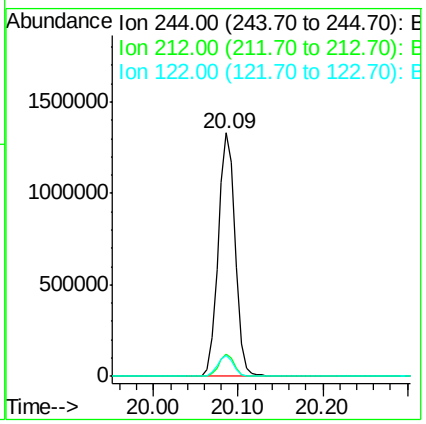


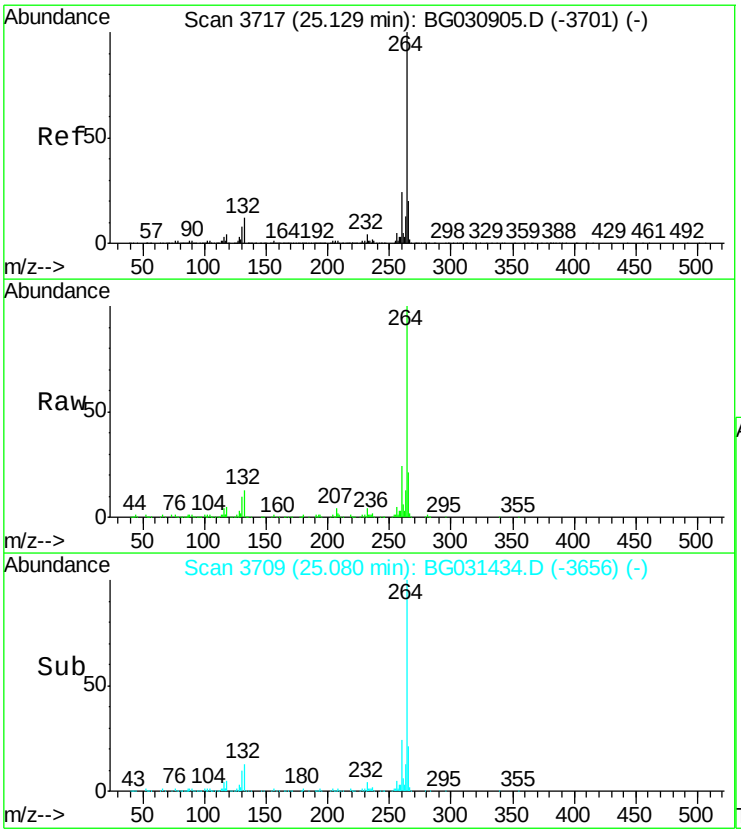
#78
Terphenyl-d14
Concen: 91.376 ng
RT: 20.09 min Scan# 2859
Delta R.T. 0.00 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Instrument :
BNA_G
ClientSampleId :
P001-TPI1-SW02

Tgt Ion:244 Resp: 1862963

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	8.6	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.01 min
Lab File: BG031434.D
Acq: 9 Dec 2017 00:58

Tgt Ion:264 Resp: 427691

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.1	17.7	26.5