Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031615.D
Acq On : 16 Dec 2017 8:06
Operator : SJ/JU
Sample : I6880-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 120817-FOPI-F-D-S

Quant Time: Dec 18 03:27:08 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	68165	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	293504	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	202512	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	543266	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	614044	20.00	ng	-0.01
86) Perylene-d12	25.02	264	520991	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	177552	46.17	ng	-0.01
7) Phenol-d6	7.27	99	139919	26.21	ng	0.00
23) Nitrobenzene-d5	9.27	82	425520	89.36	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	231644	97.64	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1286978	93.28	ng	0.00
78) Terphenyl-d14	20.06	244	2268625	84.06	ng	-0.01
Target Compounds						Qvalue

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

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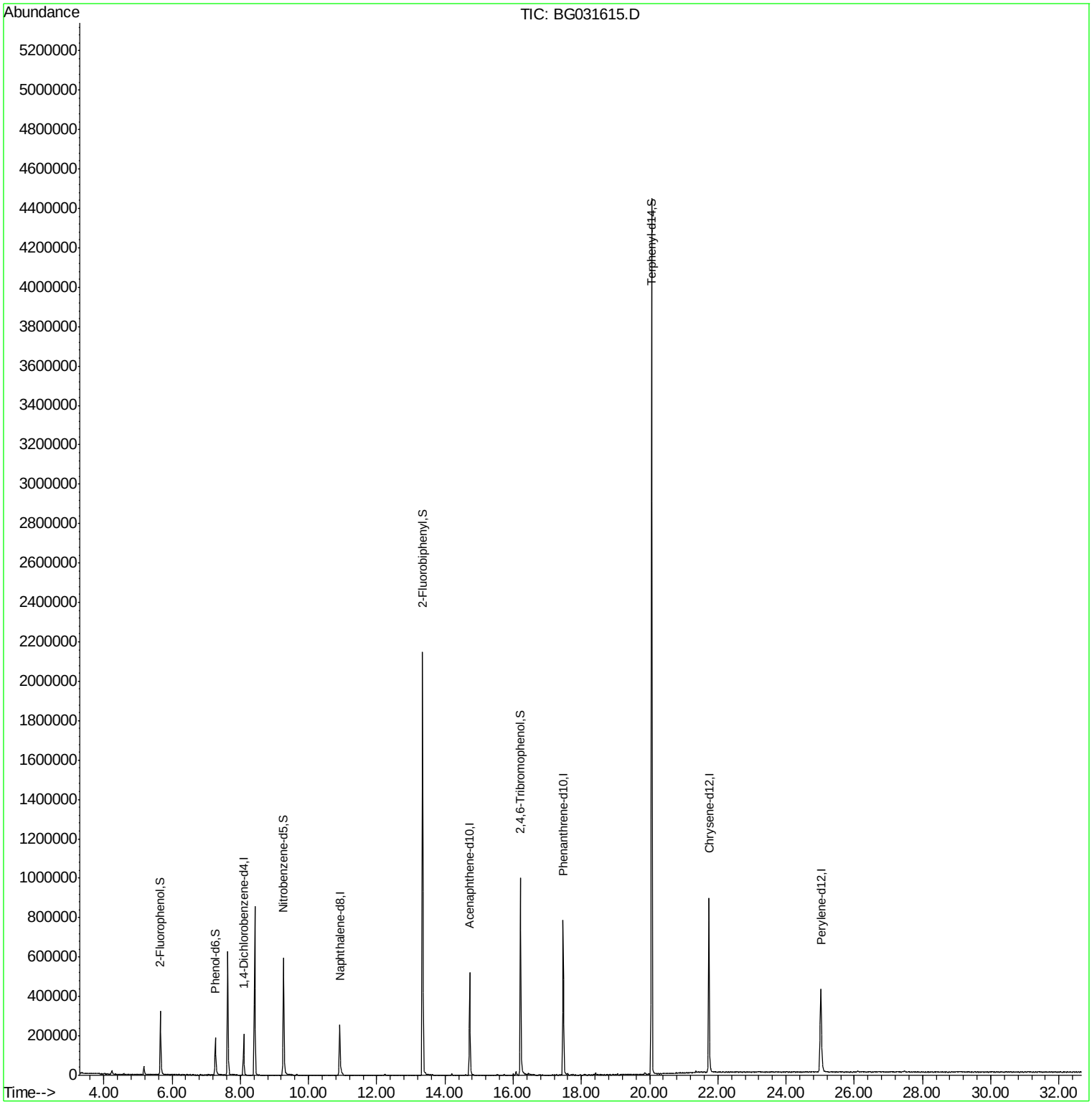
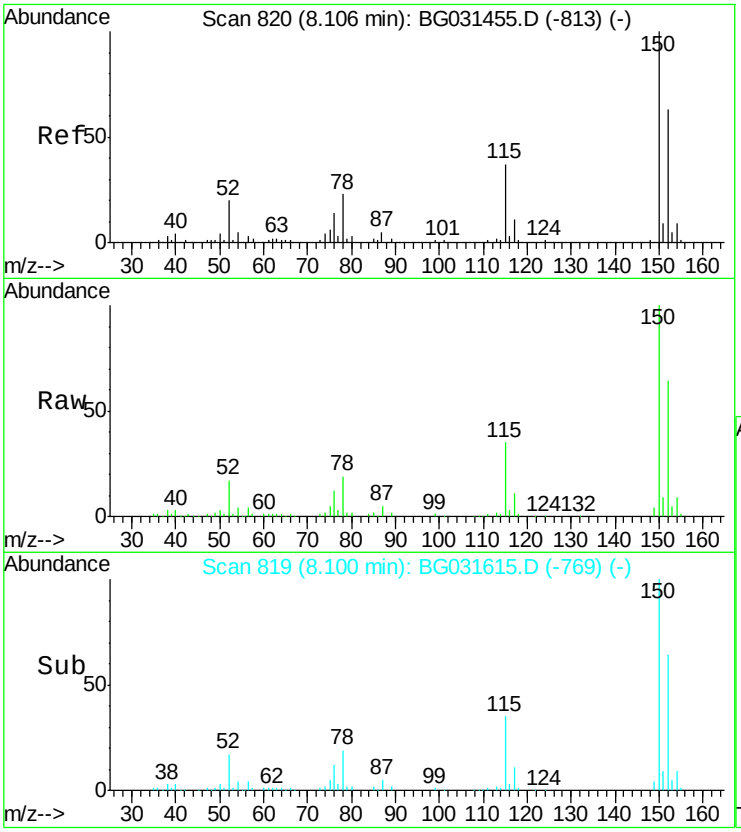
Acq On : 16 Dec 2017 8:06
Operator : SJ/JU
Sample : I6880-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-D-S

Quant Time: Dec 18 03:27:08 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration



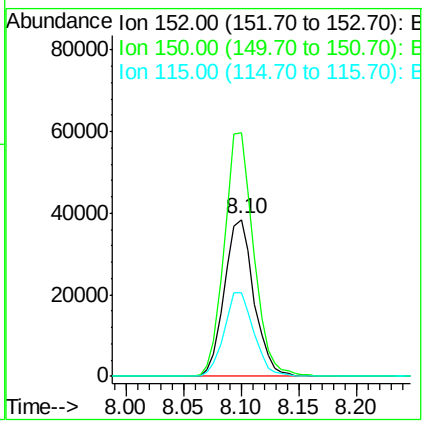


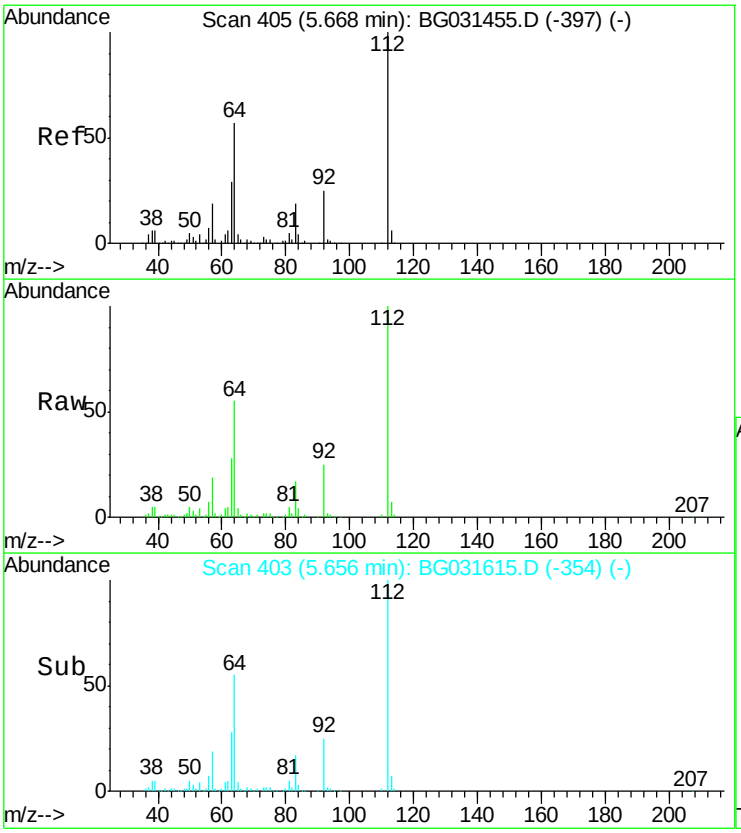
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-D-S

Tgt Ion:152 Resp: 68165

Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.6	189.8
115	53.7	53.0	79.4

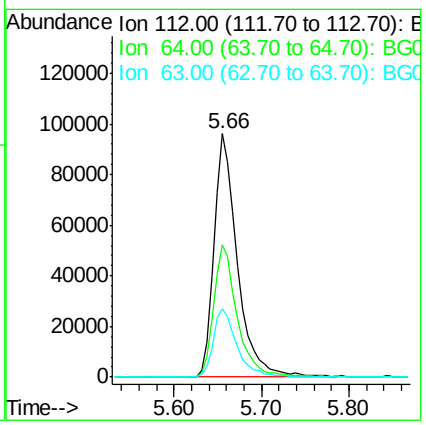


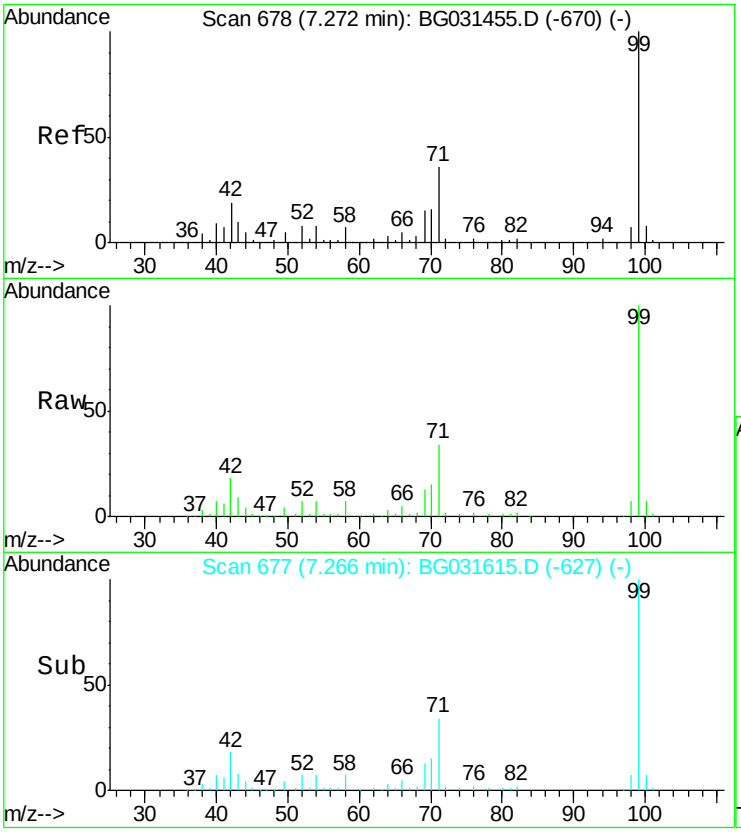


#5
2-Fluorophenol
Concen: 46.169 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

Tgt Ion:112 Resp: 177552

Ion	Ratio	Lower	Upper
112	100		
64	54.6	56.3	84.5#
63	28.0	30.1	45.1#



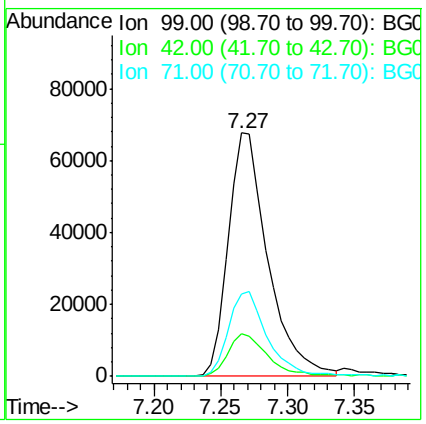


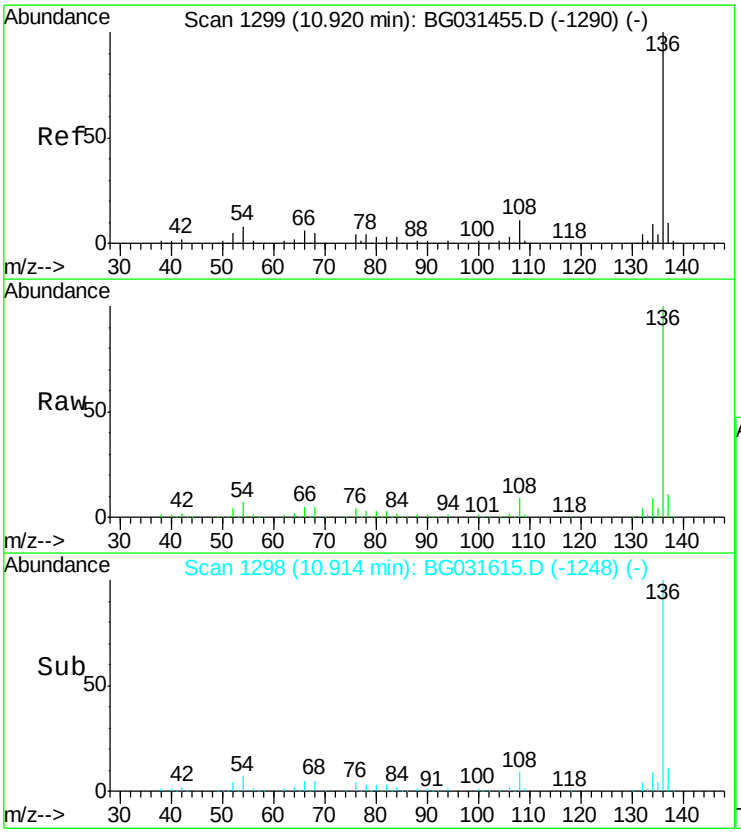
#7
Phenol-d6
Concen: 26.209 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-D-S

Tgt Ion: 99 Resp: 139919

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.1	21.1
71	33.6	26.1	39.1

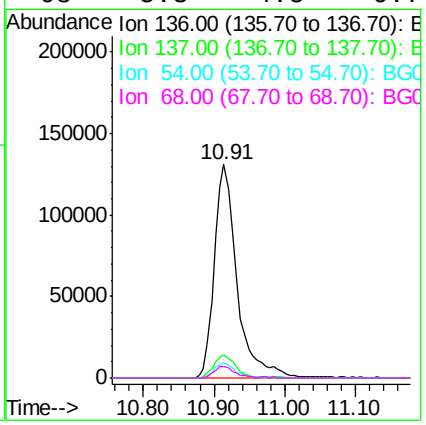


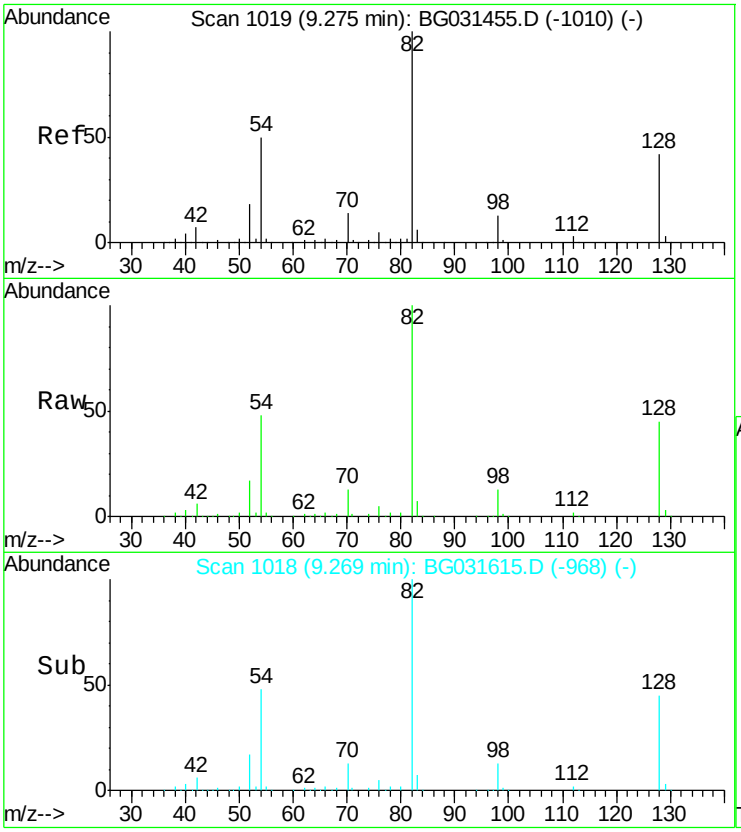


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

Tgt Ion:136 Resp: 293504

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.0	10.3	15.5#
68	5.3	4.5	6.7



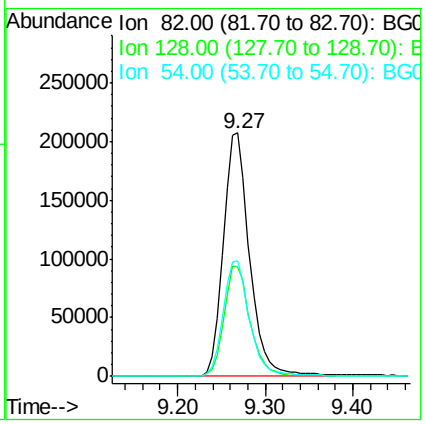


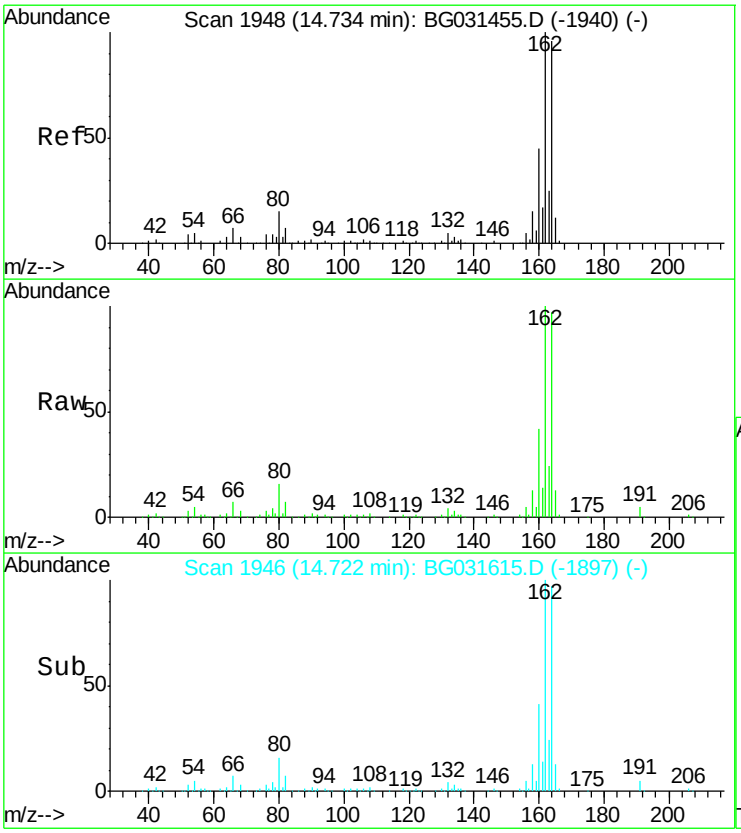
#23
Nitrobenzene-d5
Concen: 89.360 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-D-S

Tgt Ion: 82 Resp: 425520

Ion	Ratio	Lower	Upper
82	100		
128	45.1	29.7	44.5#
54	47.7	43.1	64.7

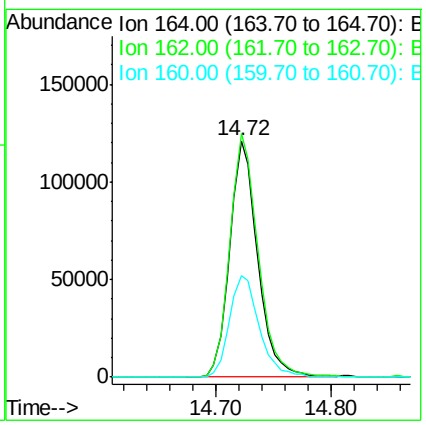


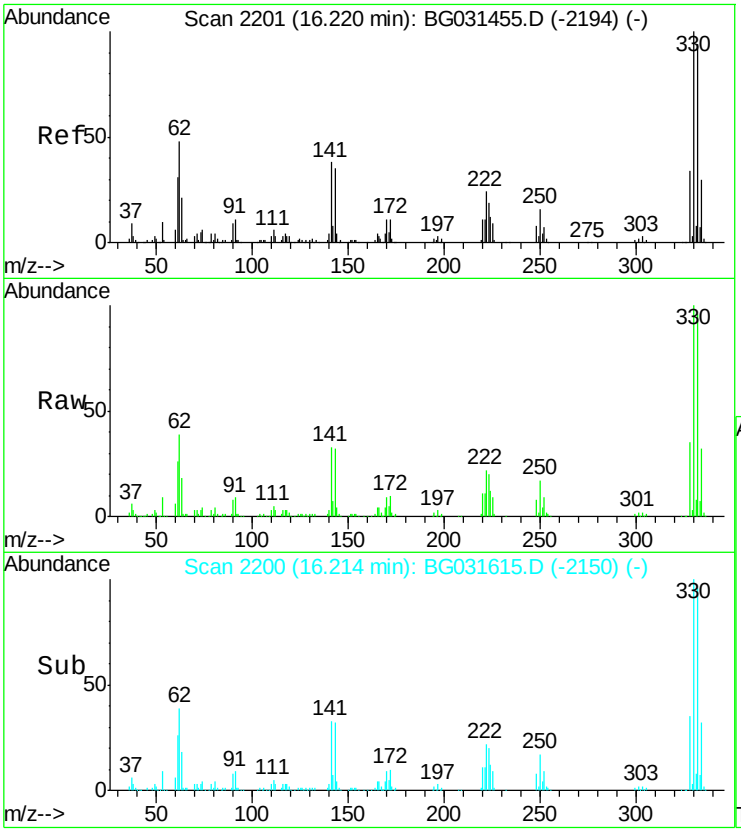


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

Tgt Ion:164 Resp: 202512

Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	42.9	35.4	53.0



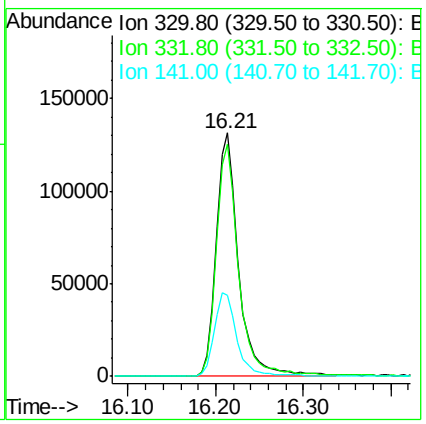


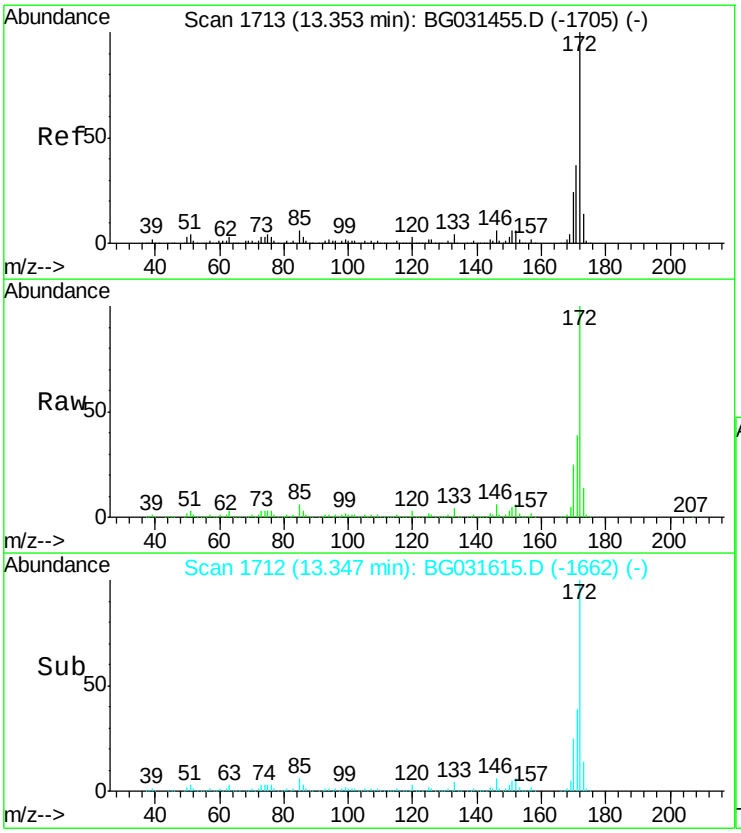
#41
2,4,6-Tribromophenol
Concen: 97.637 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-D-S

Tgt Ion:330 Resp: 231644

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	34.9	25.2	37.8

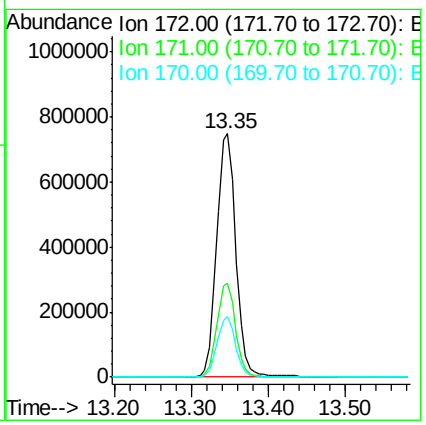


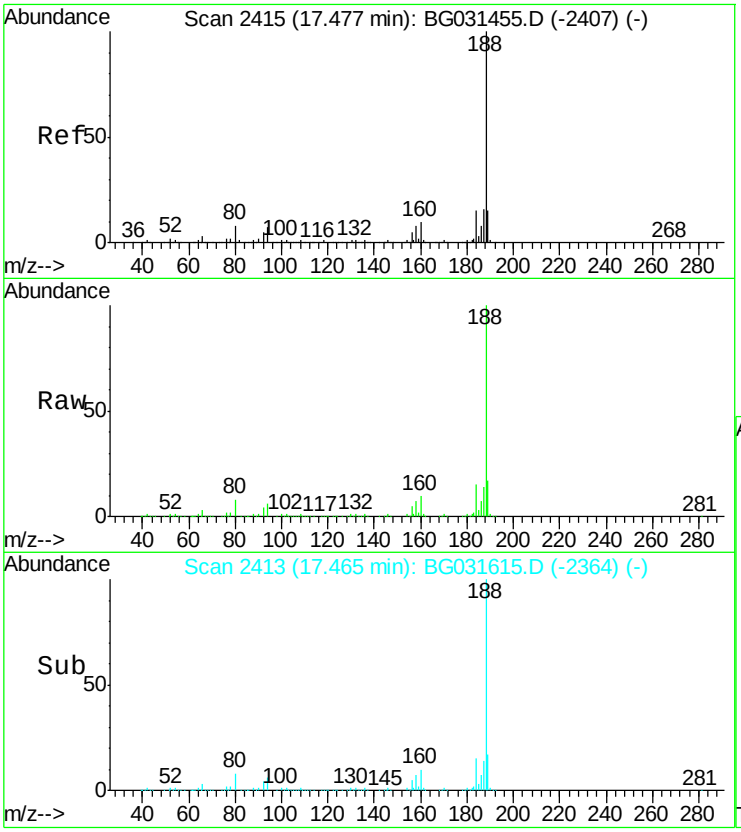


#44
2-Fluorobiphenyl
Concen: 93.284 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

Tgt Ion:172 Resp: 1286978

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	24.9	19.5	29.3



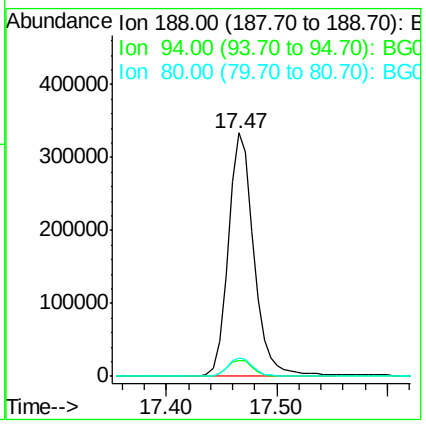


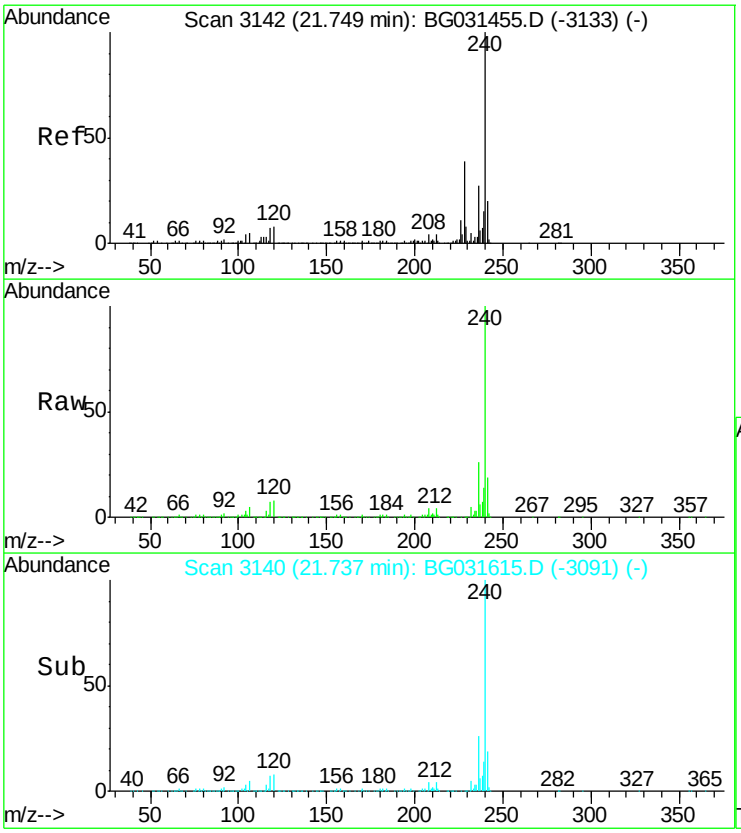
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-D-S

Tgt Ion:188 Resp: 543266

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.9	10.3#
80	7.6	7.7	11.5#

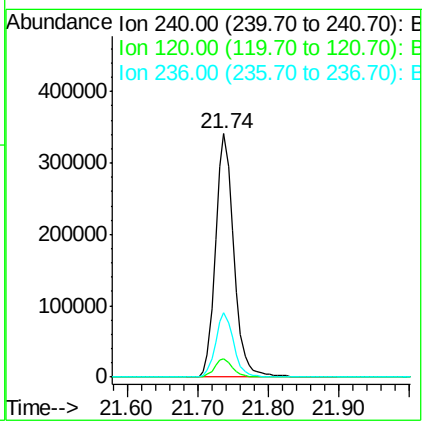


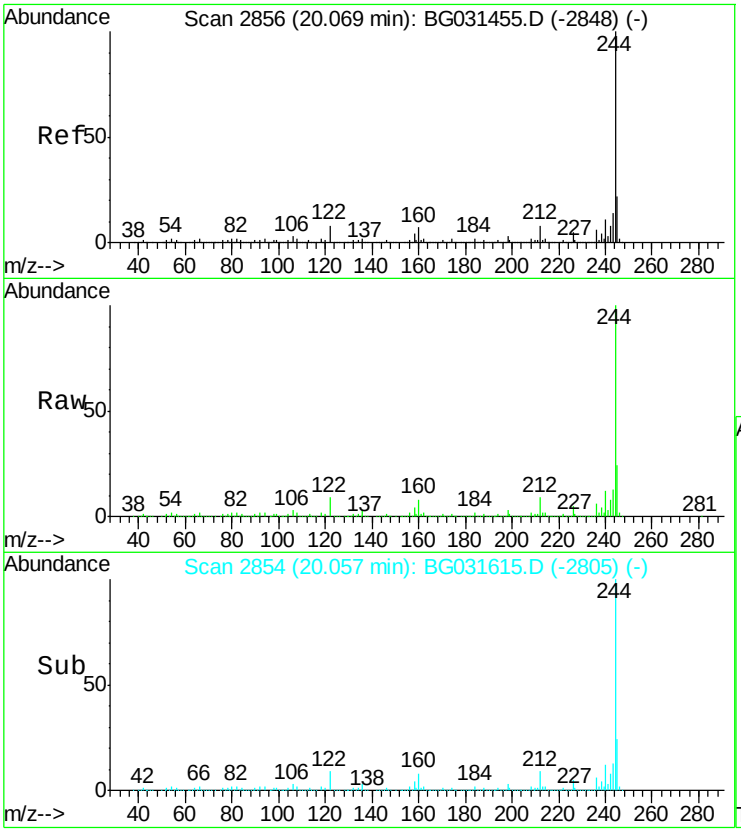


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

Tgt Ion:240 Resp: 614044

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.8	10.2
236	26.3	20.9	31.3



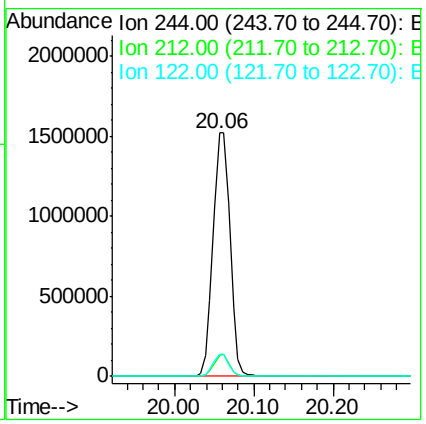


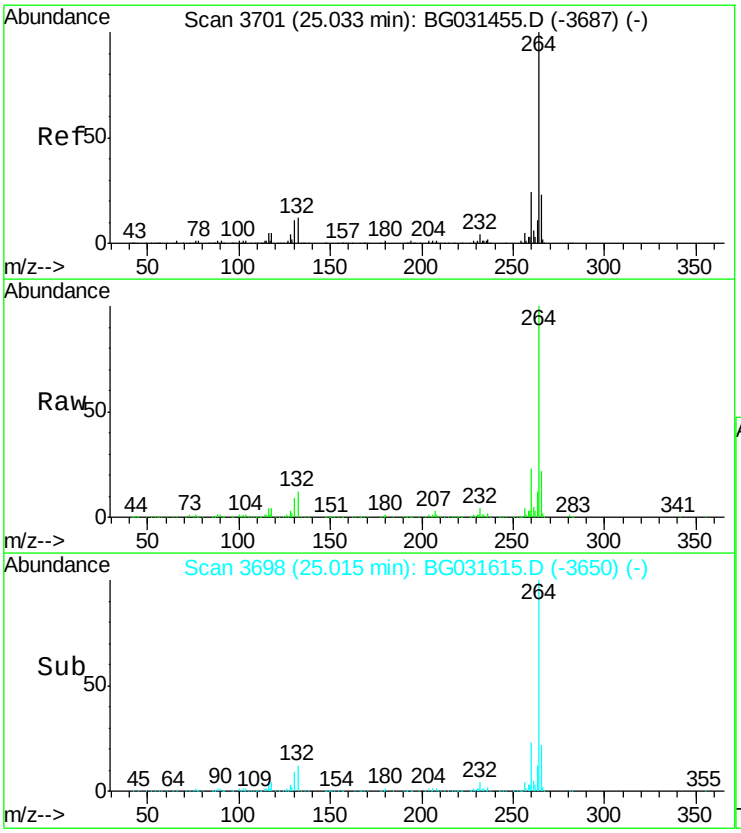
#78
Terphenyl-d14
Concen: 84.057 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

Instrument :
BNA_G
ClientSampleId :
120817-FOPI-F-D-S

Tgt Ion:244 Resp: 2268625

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	9.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG031615.D
Acq: 16 Dec 2017 8:06

Tgt Ion:264 Resp: 520991

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.7	17.7	26.5