Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
Data File : BG031654.D
Acq On : 19 Dec 2017 3:44
Operator : SJ/JU
Sample : I6927-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : R-4297-39456

Quant Time: Dec 19 08:03:21 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	79531	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	337927	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	221719	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	582424	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	609068	20.00	ng	-0.02
86) Perylene-d12	25.01	264	533217	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	640390	142.72	ng	0.00
7) Phenol-d6	7.27	99	727583	116.81	ng	0.00
23) Nitrobenzene-d5	9.27	82	542506	98.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	450398	173.39	ng	-0.01
44) 2-Fluorobiphenyl	13.34	172	1543004	102.15	ng	-0.01
78) Terphenyl-d14	20.06	244	2630567	98.26	ng	-0.01
Target Compounds						Qvalue

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

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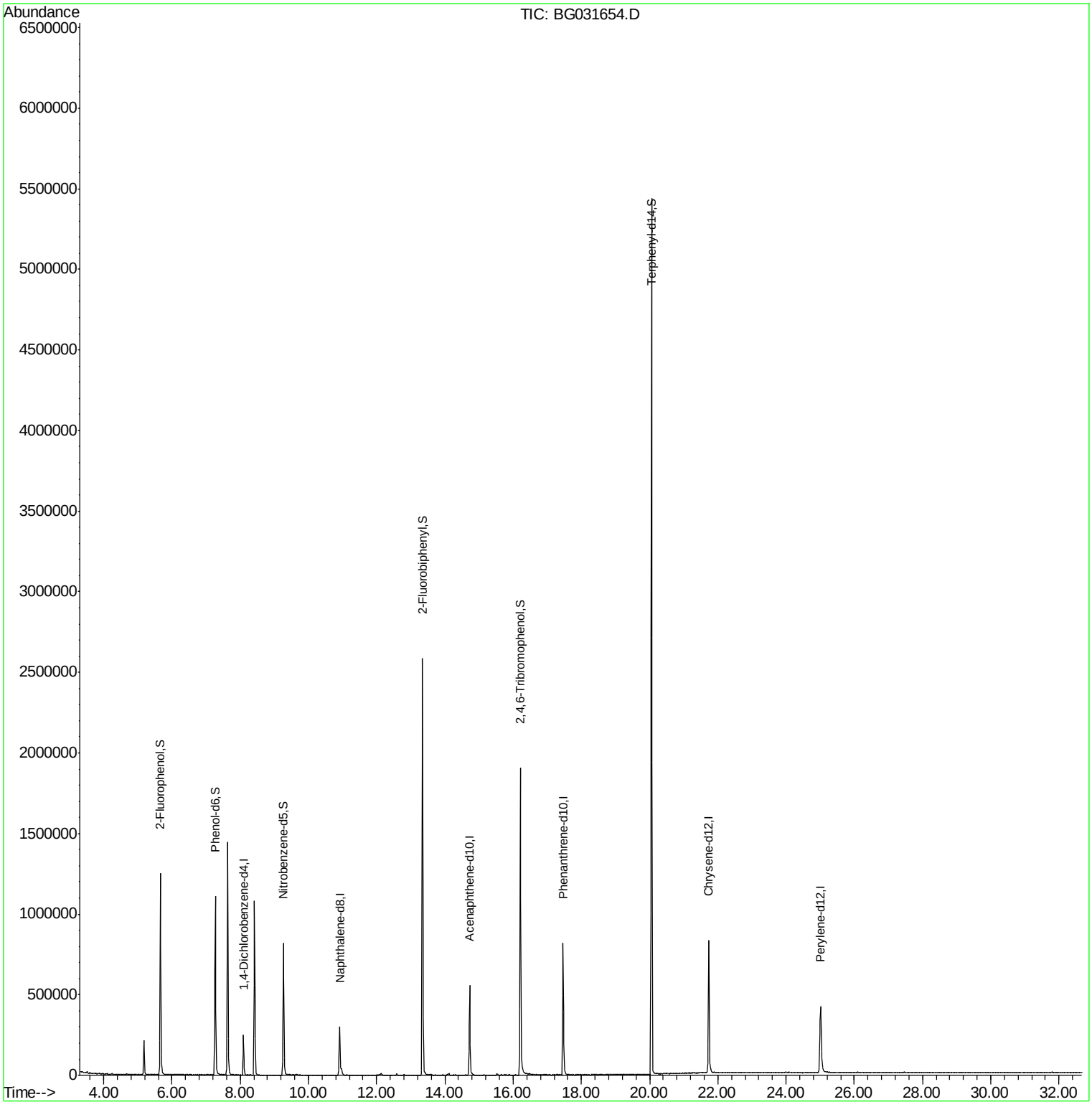
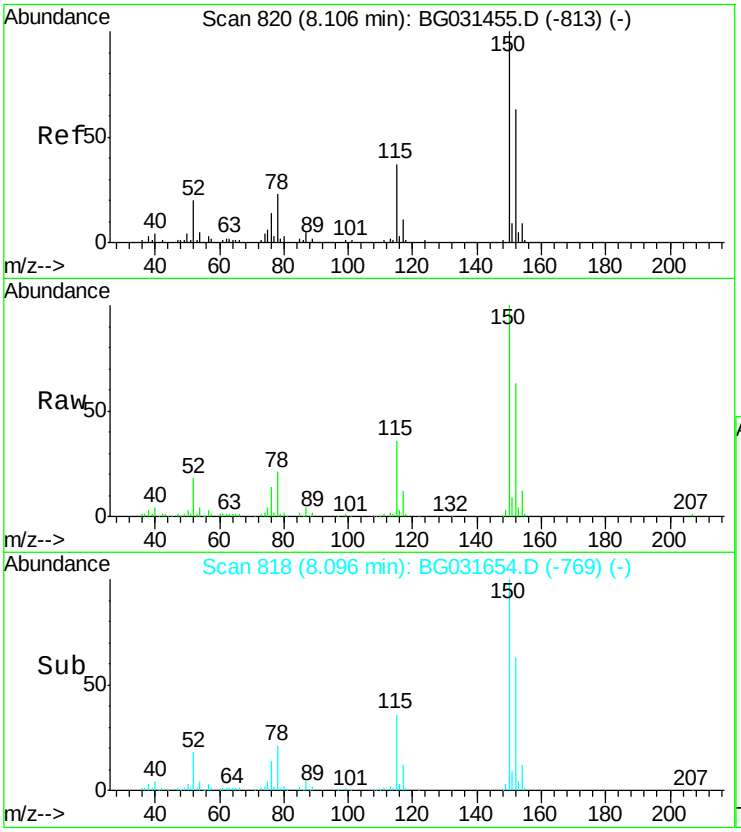


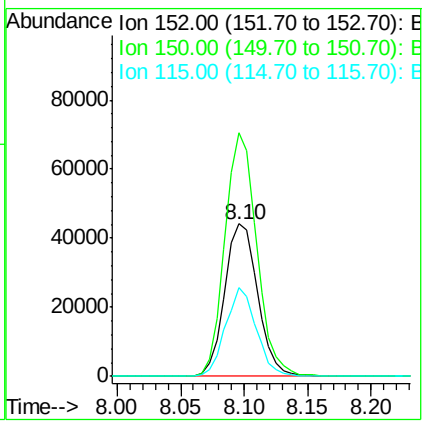


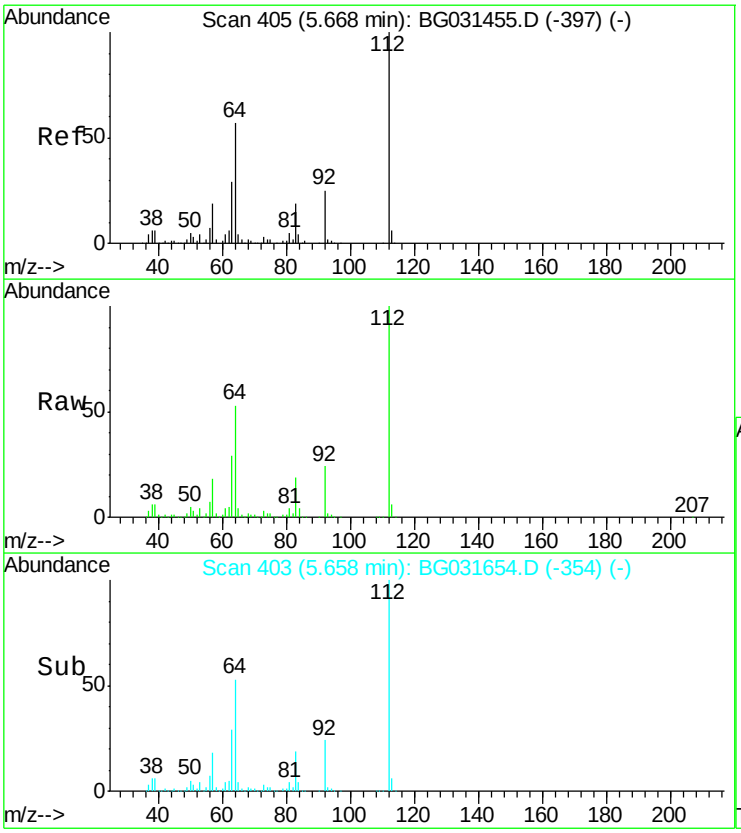
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Instrument :
BNA_G
ClientSampleId :
R-4297-39456

Tgt Ion:152 Resp: 79531

Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.6	189.8
115	58.2	53.0	79.4

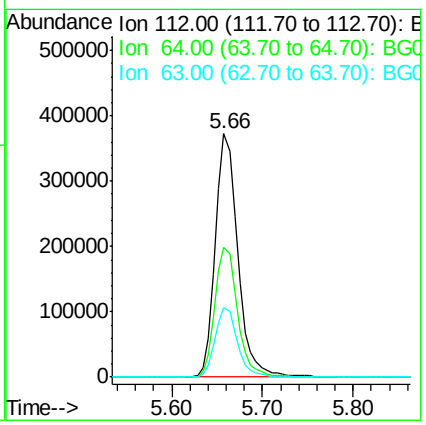


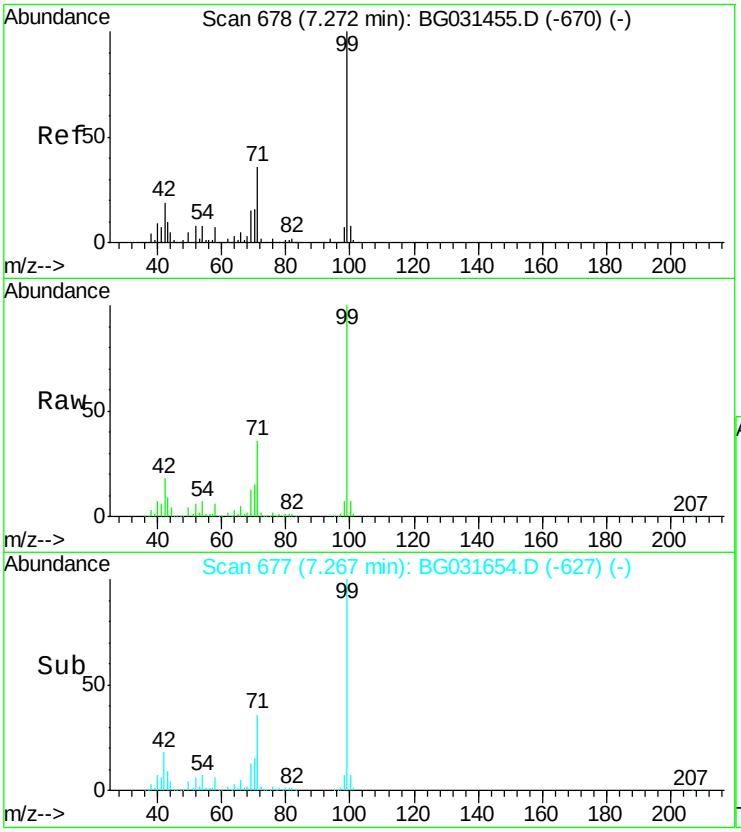


#5
2-Fluorophenol
Concen: 142.725 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Tgt Ion:112 Resp: 640390

Ion	Ratio	Lower	Upper
112	100		
64	53.2	56.3	84.5#
63	28.7	30.1	45.1#



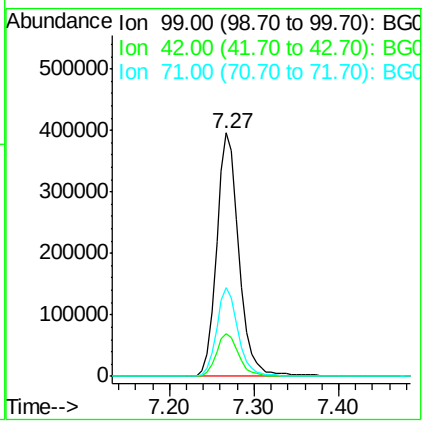


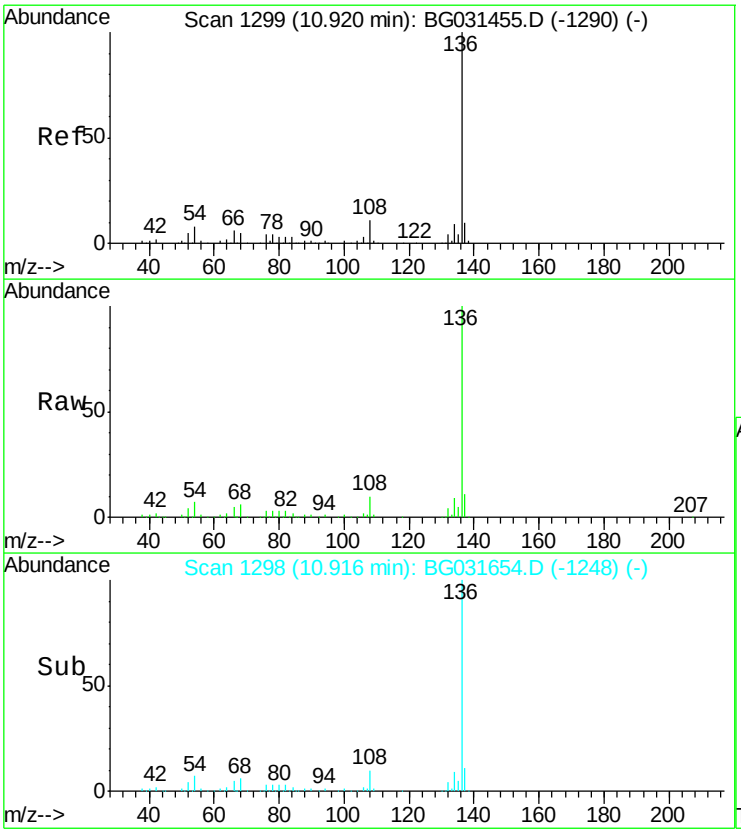
#7
Phenol-d6
Concen: 116.808 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.00 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Instrument :
BNA_G
ClientSampleId :
R-4297-39456

Tgt Ion: 99 Resp: 727583

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.1	21.1
71	36.2	26.1	39.1

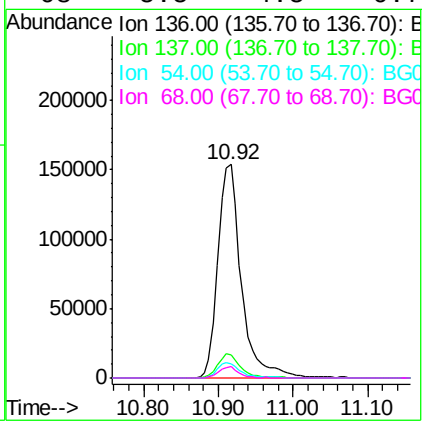


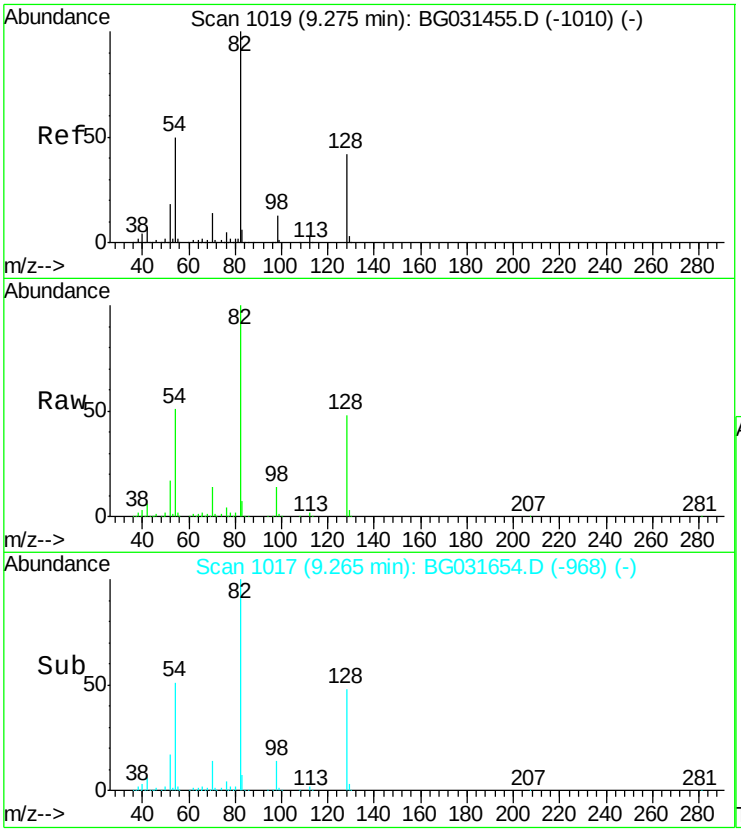


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Tgt Ion:136 Resp: 337927

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.8	10.3	15.5#
68	5.5	4.5	6.7



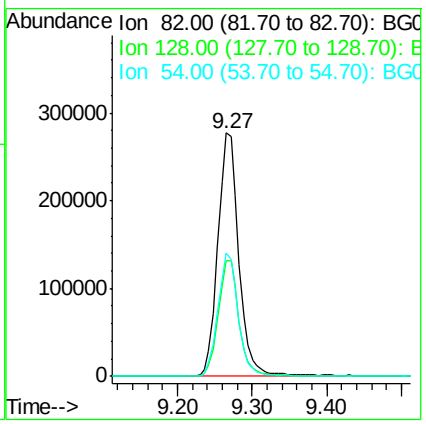


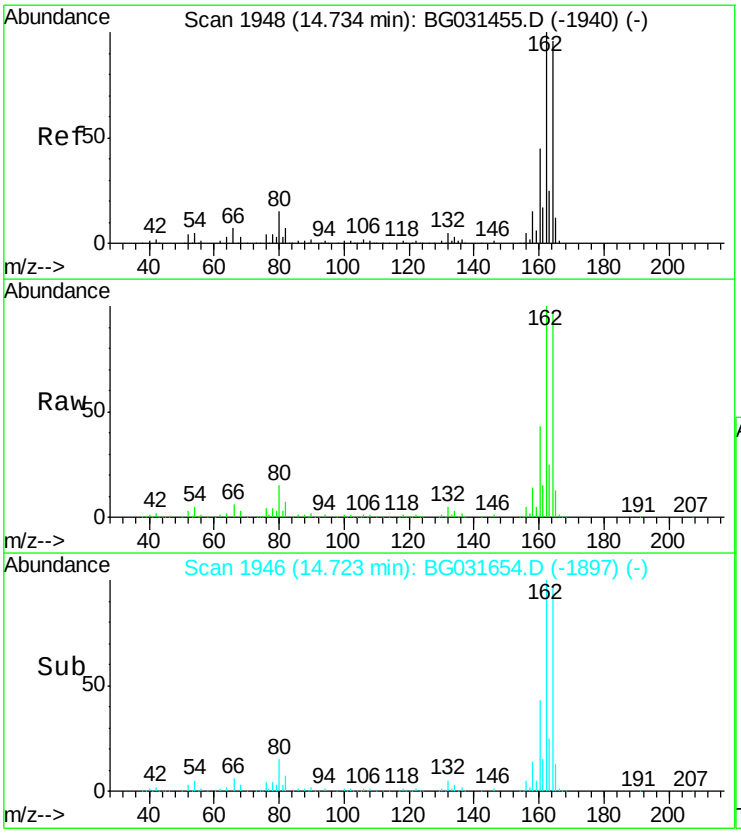
#23
Nitrobenzene-d5
Concen: 98.951 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Instrument :
BNA_G
ClientSampleId :
R-4297-39456

Tgt Ion: 82 Resp: 542506

Ion	Ratio	Lower	Upper
82	100		
128	47.6	29.7	44.5#
54	50.8	43.1	64.7

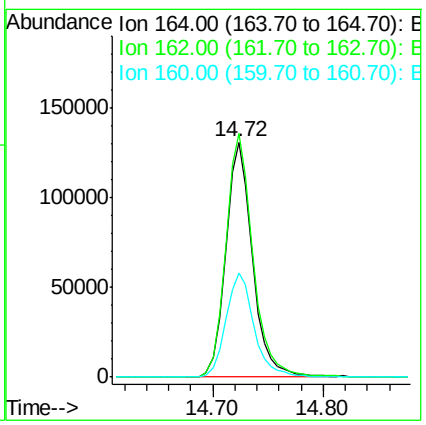


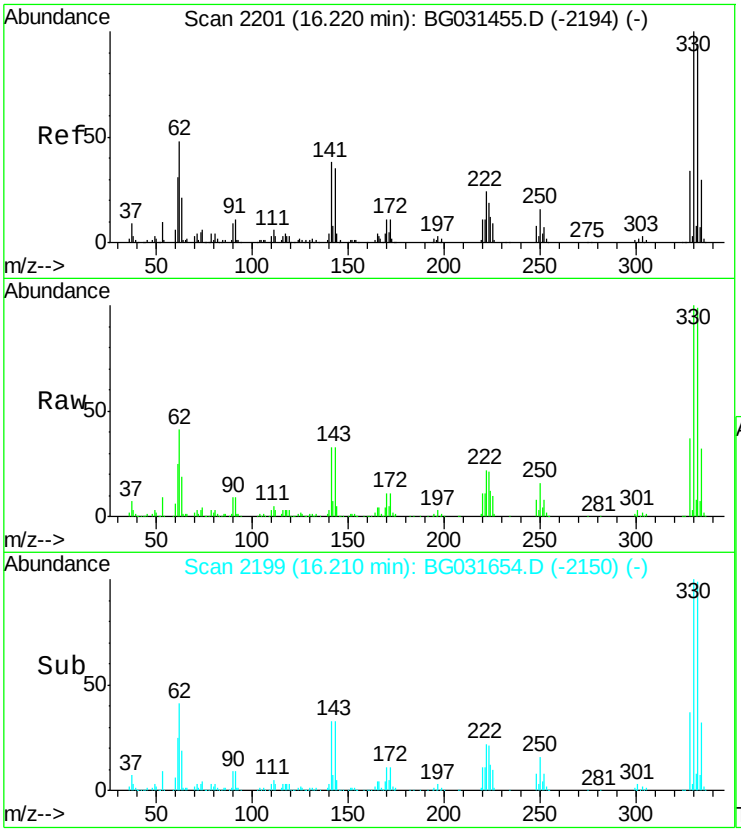


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Tgt Ion:164 Resp: 221719

Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	44.3	35.4	53.0



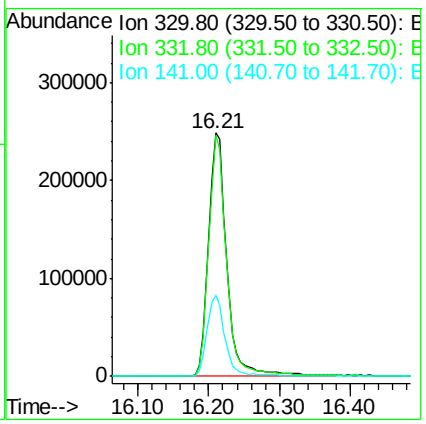


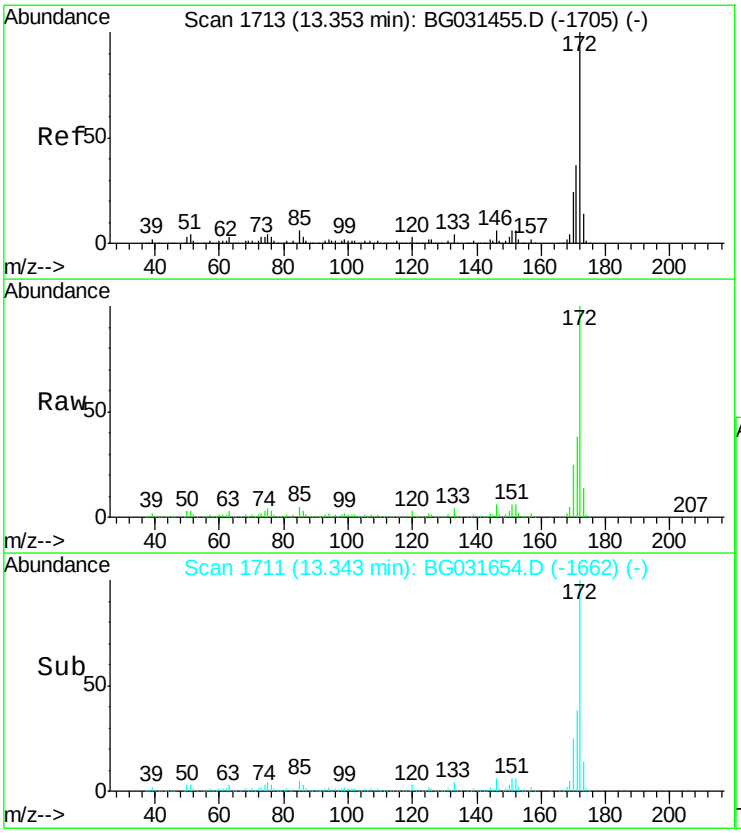
#41
2,4,6-Tribromophenol
Concen: 173.395 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Instrument :
BNA_G
ClientSampleId :
R-4297-39456

Tgt Ion:330 Resp: 450398

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.7	25.2	37.8

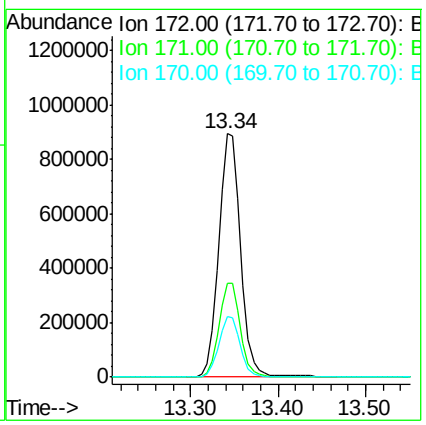


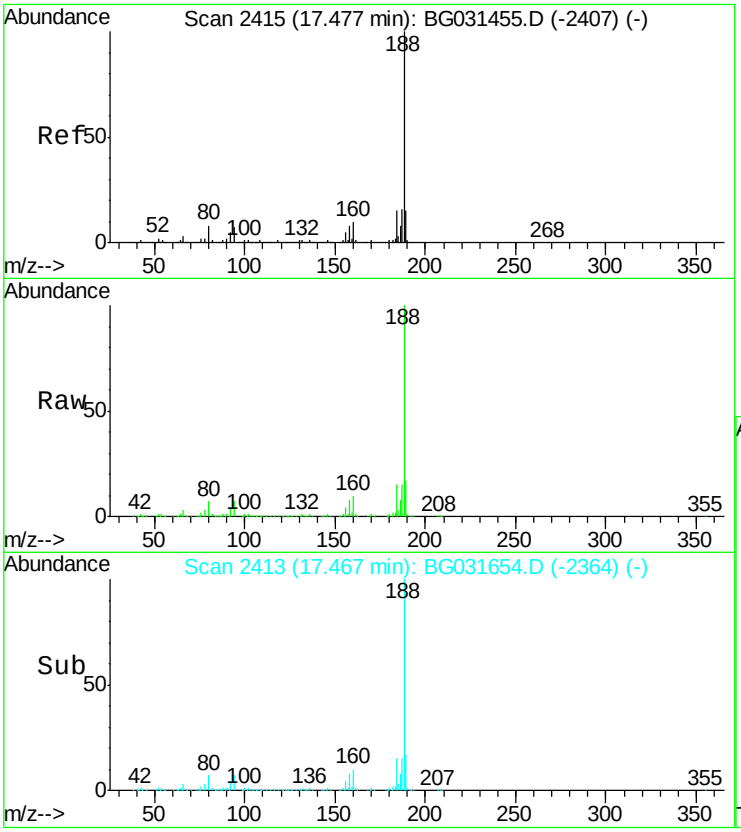


#44
2-Fluorobiphenyl
Concen: 102.153 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Tgt Ion:172 Resp: 1543004

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.0	19.5	29.3



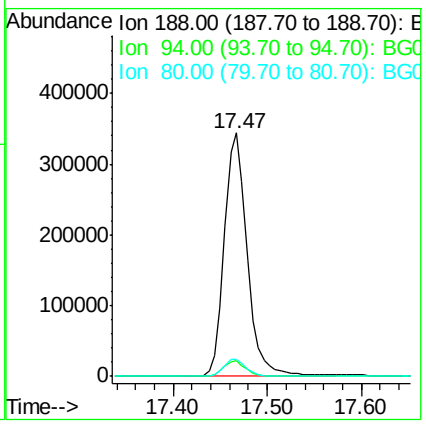


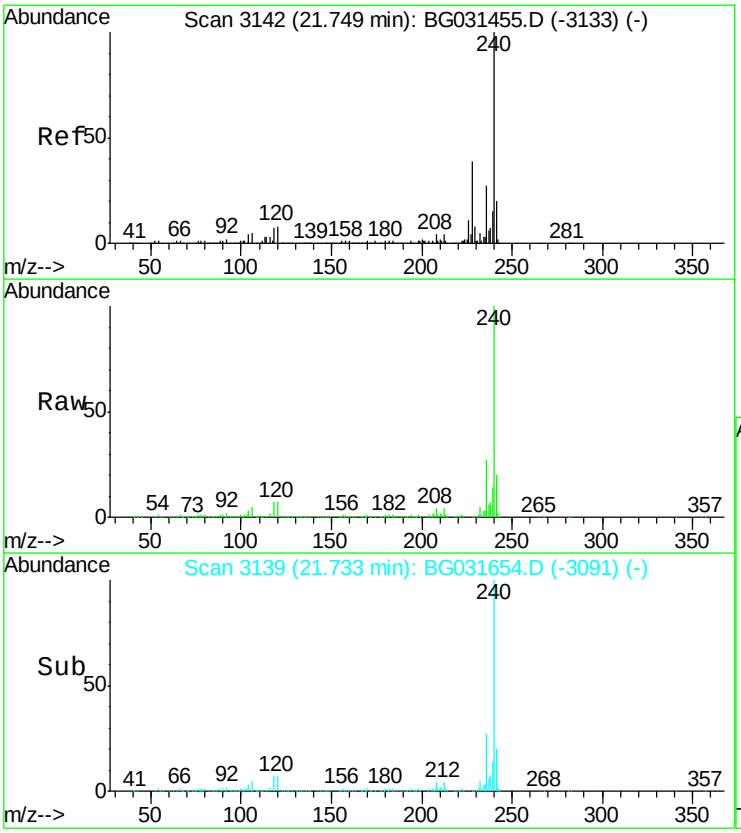
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Instrument :
BNA_G
ClientSampleId :
R-4297-39456

Tgt Ion:188 Resp: 582424

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

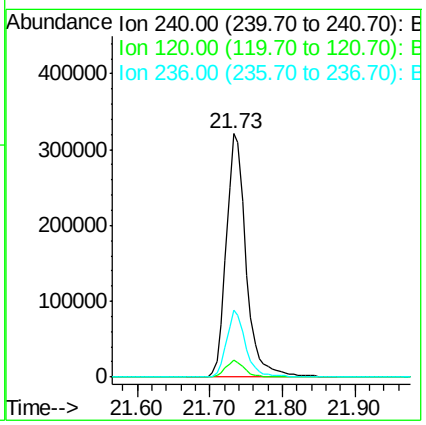


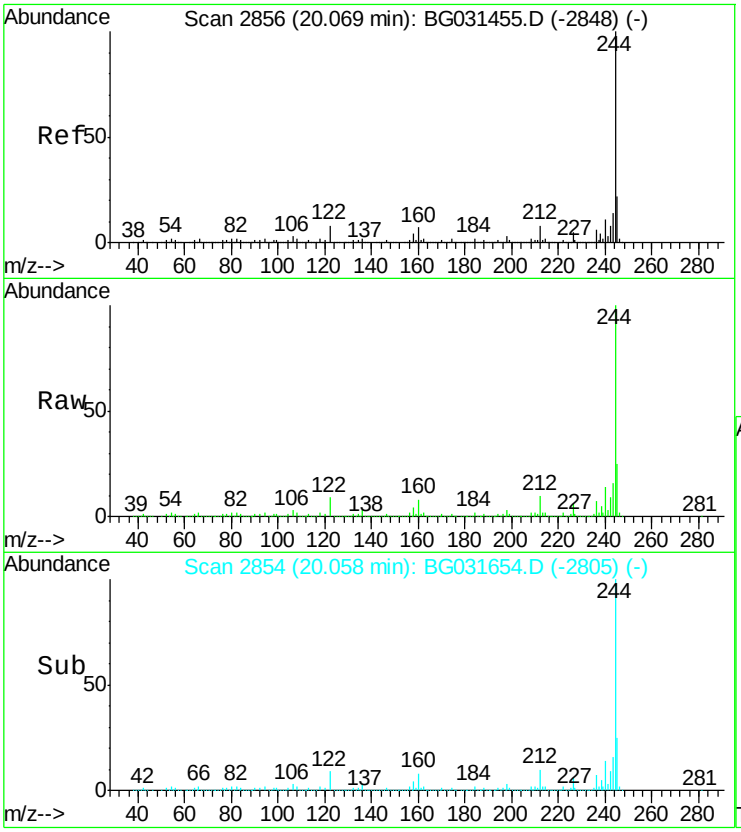


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Tgt Ion:240 Resp: 609068

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.8	10.2
236	27.3	20.9	31.3



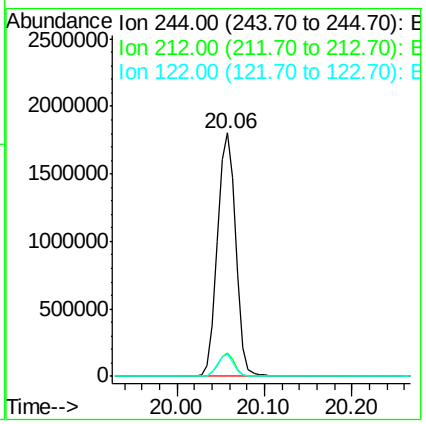


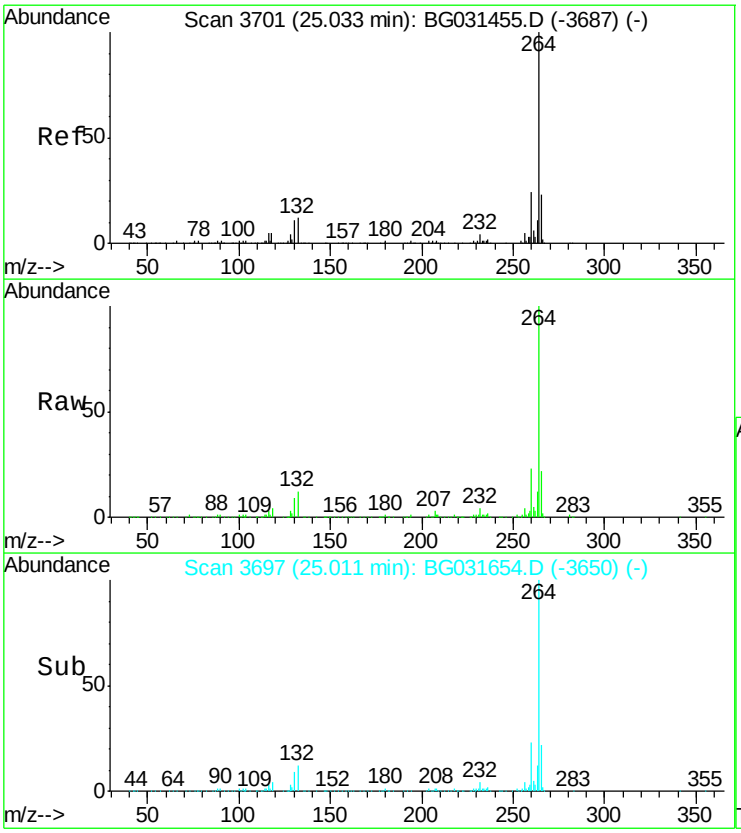
#78
Terphenyl-d14
Concen: 98.264 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Instrument :
BNA_G
ClientSampleId :
R-4297-39456

Tgt Ion:244 Resp: 2630567

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.8#
122	9.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3697
Delta R.T. -0.02 min
Lab File: BG031654.D
Acq: 19 Dec 2017 3:44

Tgt Ion:264 Resp: 533217

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	22.4	17.7	26.5