Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
Data File : BG032277.D
Acq On : 25 Jan 2018 2:02
Operator : SJ/JU
Sample : J1015-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-012218-A

Quant Time: Jan 25 08:03:22 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	40750	20.00	ng	0.01
21) Naphthalene-d8	11.62	136	160191	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	110607	20.00	ng	0.00
63) Phenanthrene-d10	18.10	188	307261	20.00	ng	0.00
75) Chrysene-d12	22.42	240	418445	20.00	ng	0.00
86) Perylene-d12	26.11	264	435658	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.18	112	282428	126.76	ng	0.02
7) Phenol-d6	7.85	99	323500	115.28	ng	0.01
23) Nitrobenzene-d5	9.94	82	244535	103.28	ng	0.01
41) 2,4,6-Tribromophenol	16.84	330	270756	147.93	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	813822	91.23	ng	0.00
78) Terphenyl-d14	20.64	244	1754027	92.56	ng	0.00
Target Compounds						Qvalue
76) Benzidine	20.26	184	189793	18.138	ng	97

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

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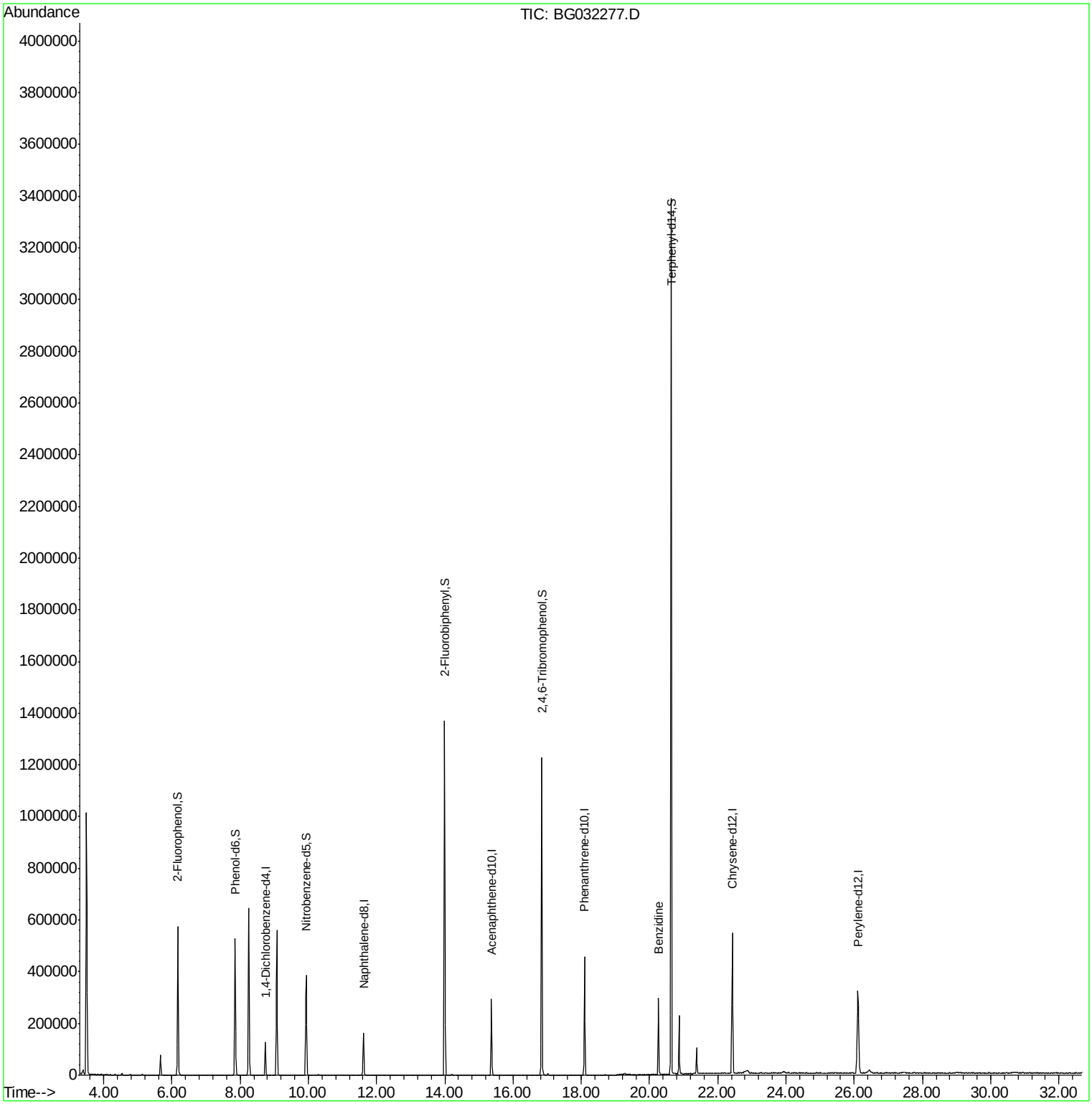
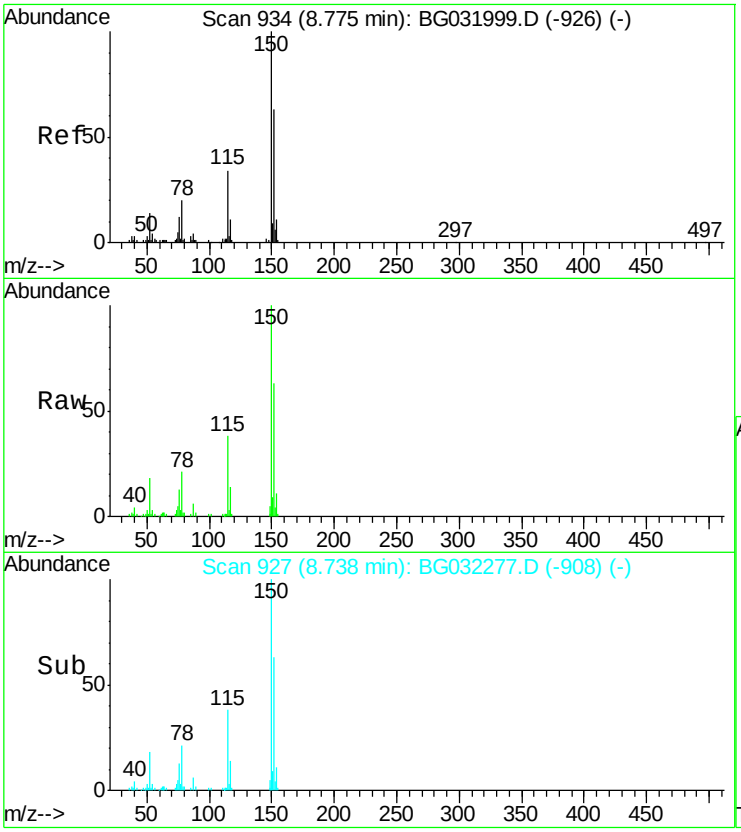


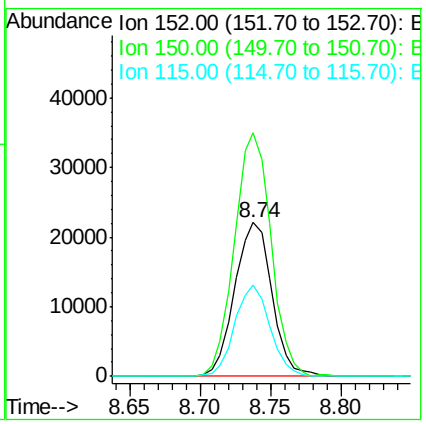


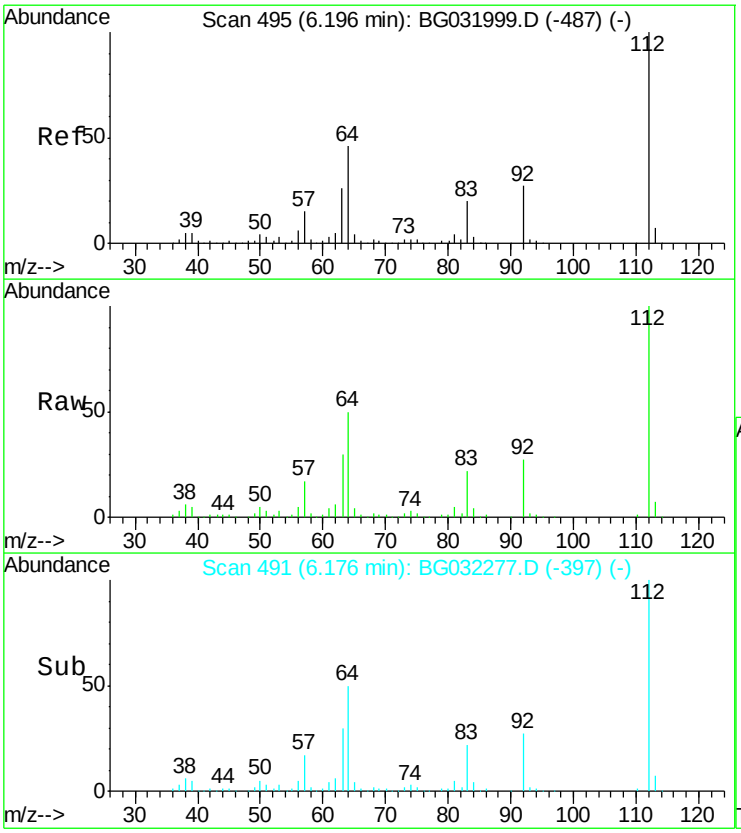
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 927
Delta R.T. 0.01 min
Lab File: BG032277.D
Acq: 25 Jan 2018 2:02

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-A

Tgt Ion:152 Resp: 40750

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.6	189.8
115	59.7	53.0	79.4

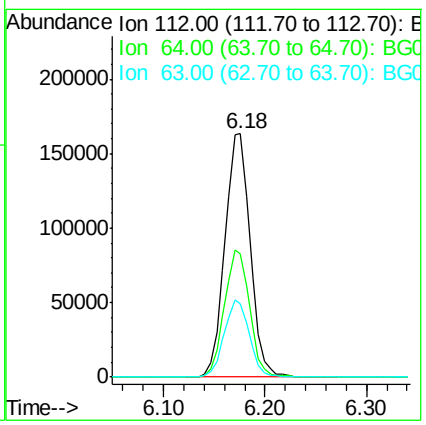


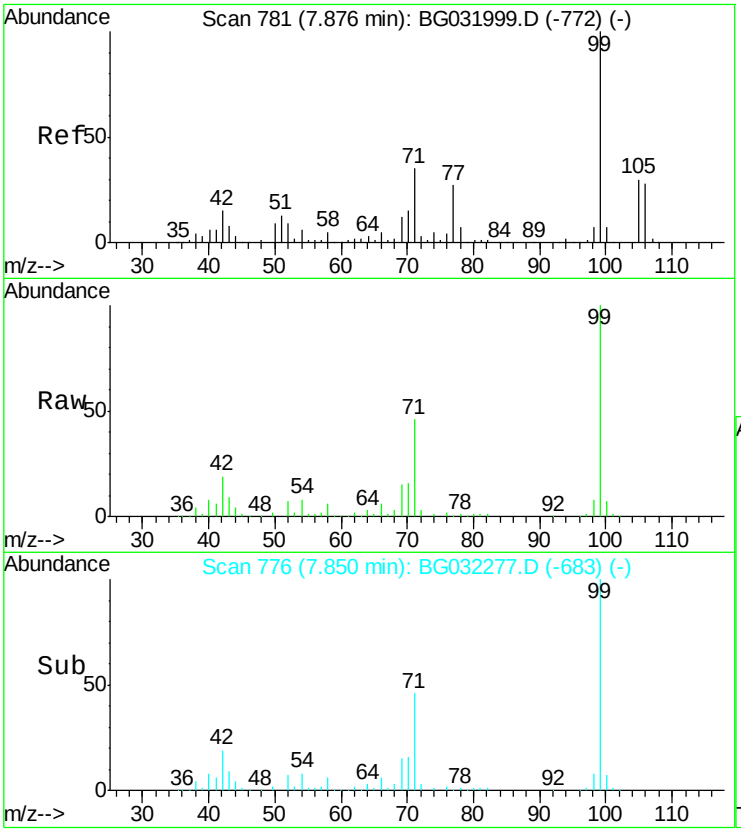


#5
2-Fluorophenol
Concen: 126.759 ng
RT: 6.18 min Scan# 491
Delta R.T. 0.02 min
Lab File: BG032277.D
Acq: 25 Jan 2018 2:02

Tgt Ion:112 Resp: 282428

Ion	Ratio	Lower	Upper
112	100		
64	50.4	56.3	84.5#
63	30.3	30.1	45.1



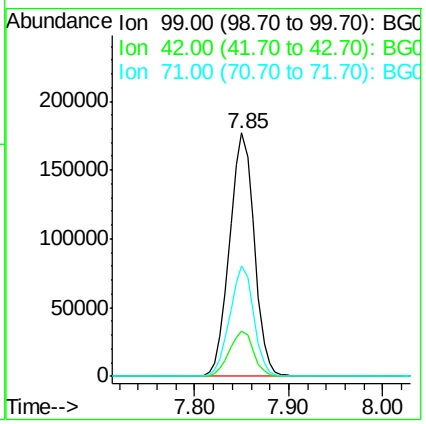


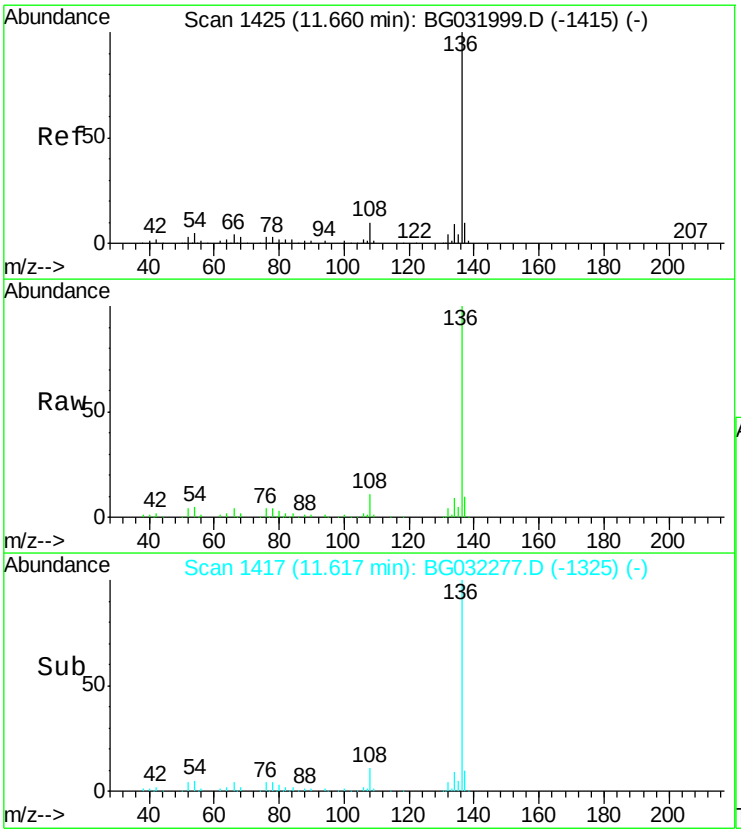
#7
Phenol-d6
Concen: 115.284 ng
RT: 7.85 min Scan# 776
Delta R.T. 0.01 min
Lab File: BG032277.D
Acq: 25 Jan 2018 2:02

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-A

Tgt Ion: 99 Resp: 323500

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.1	21.1
71	45.6	26.1	39.1#

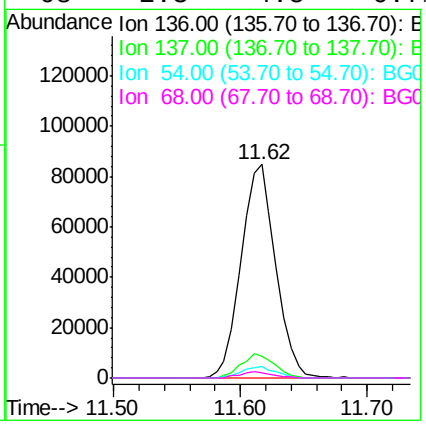


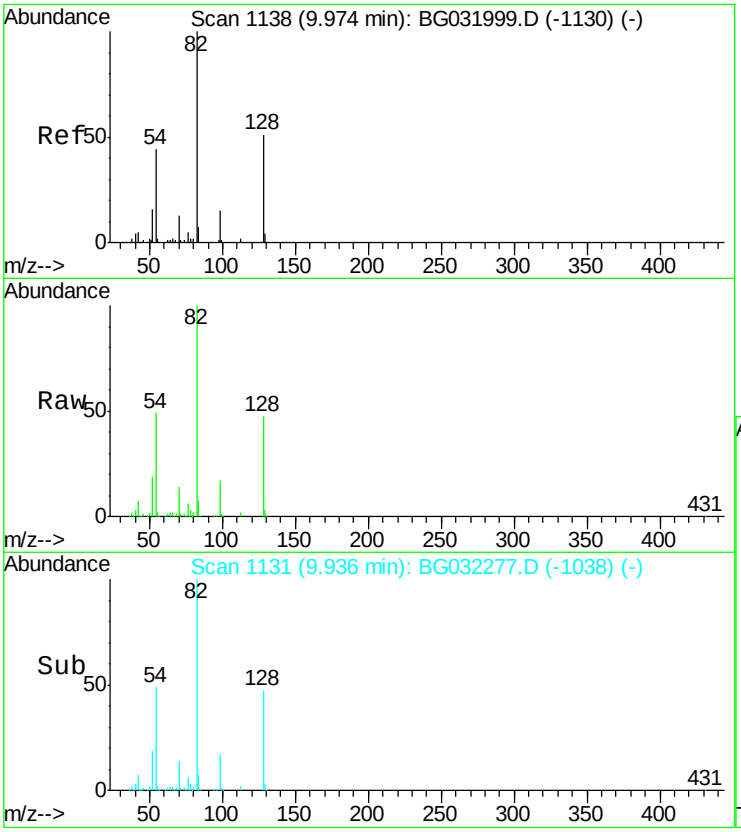


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BG032277.D
Acq: 25 Jan 2018 2:02

Tgt Ion:136 Resp: 160191

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	5.3	10.3	15.5#
68	2.3	4.5	6.7#



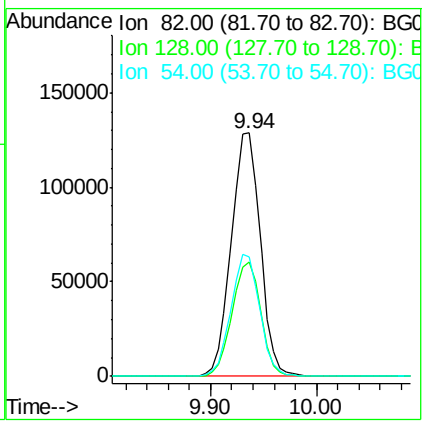


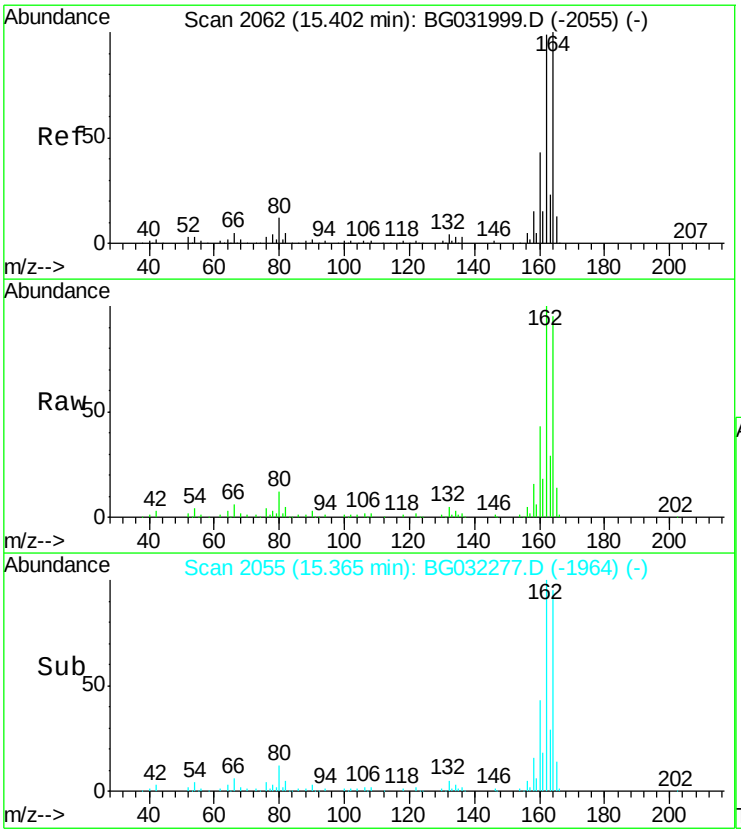
#23
Nitrobenzene-d5
Concen: 103.276 ng
RT: 9.94 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BG032277.D
Acq: 25 Jan 2018 2:02

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-A

Tgt Ion: 82 Resp: 244535

Ion	Ratio	Lower	Upper
82	100		
128	47.2	29.7	44.5#
54	49.0	43.1	64.7

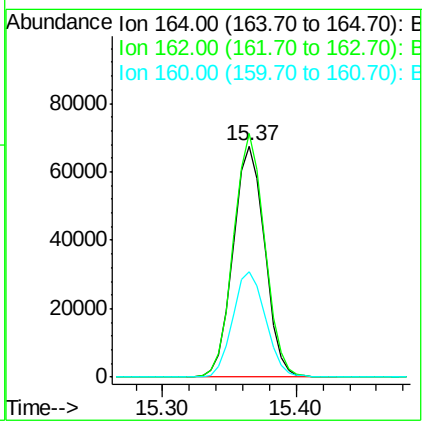


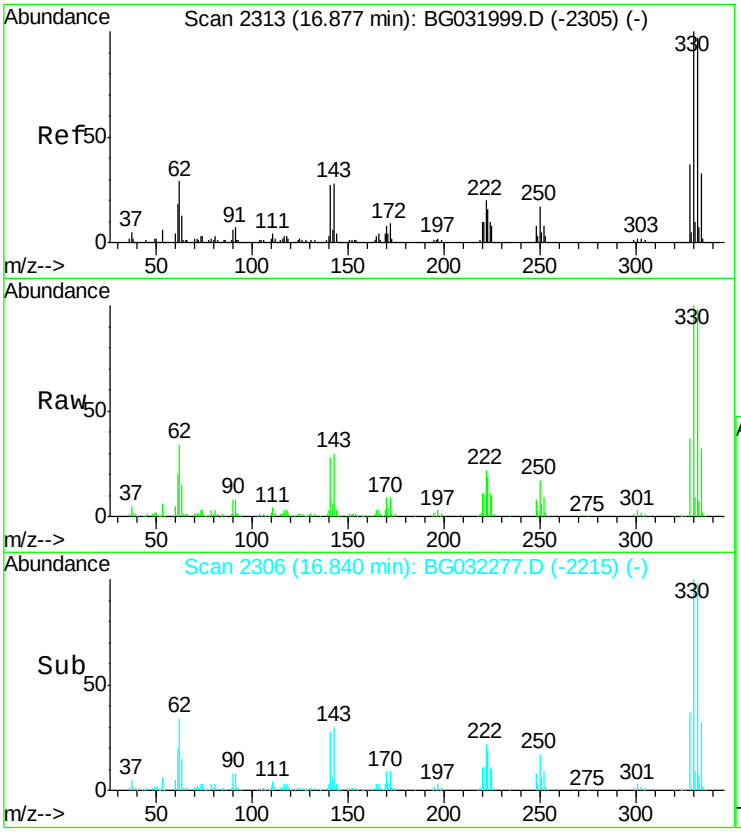


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BG032277.D
Acq: 25 Jan 2018 2:02

Tgt Ion:164 Resp: 110607

Ion	Ratio	Lower	Upper
164	100		
162	105.5	78.8	118.2
160	45.6	35.4	53.0



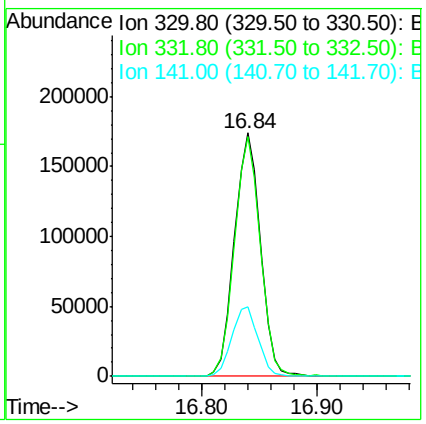


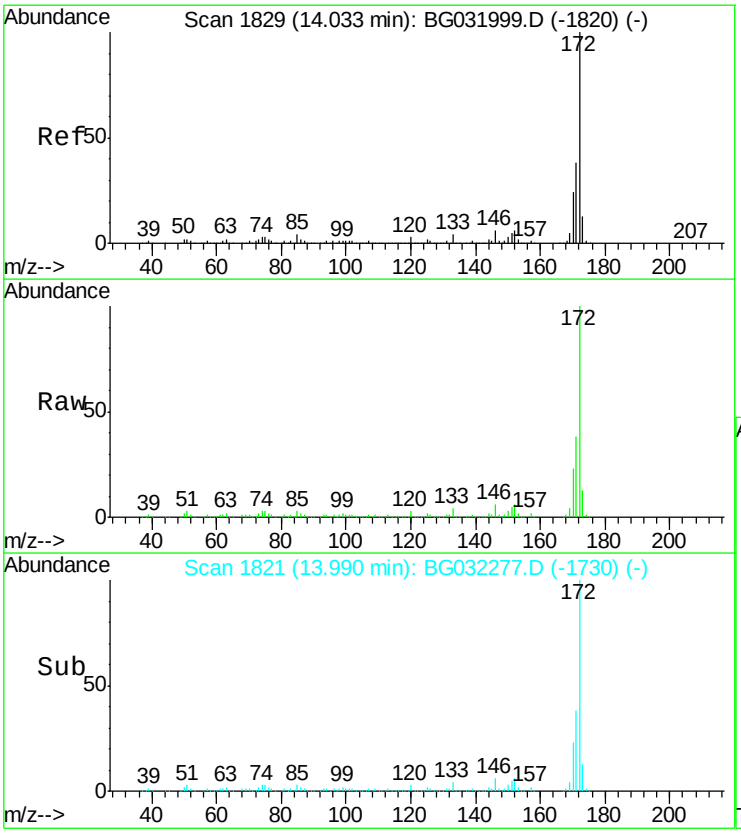
#41
2,4,6-Tribromophenol
Concen: 147.931 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BG032277.D
Acq: 25 Jan 2018 2:02

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-A

Tgt Ion:330 Resp: 270756

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	29.2	25.2	37.8

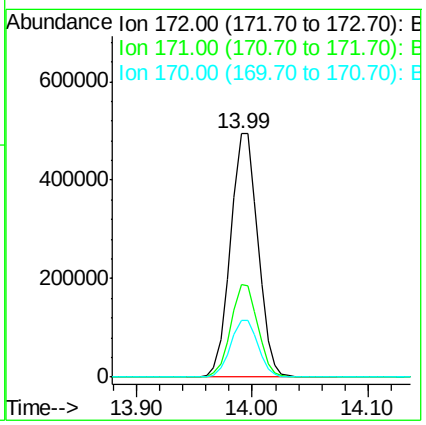


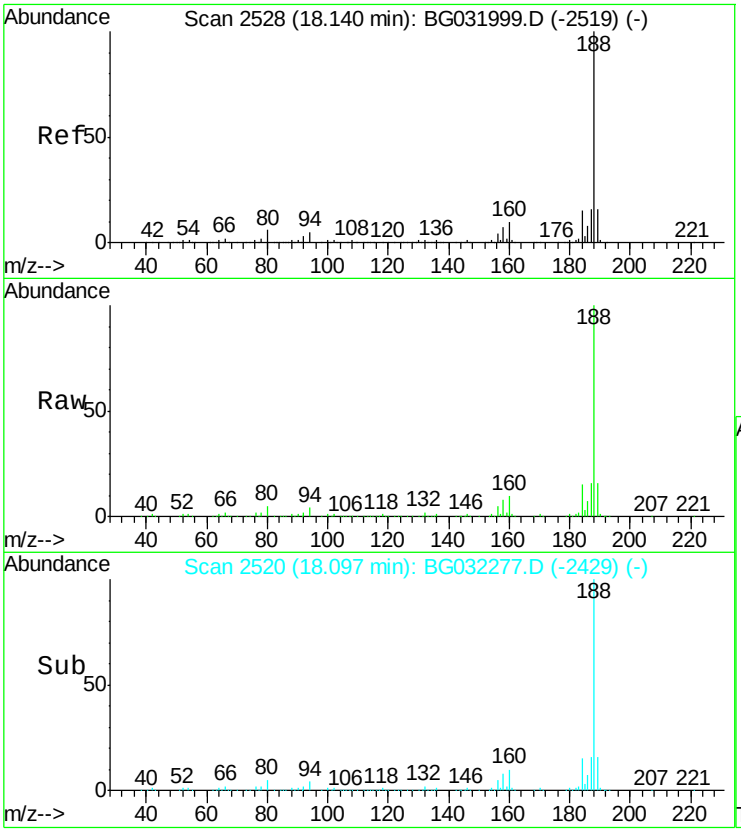


#44
2-Fluorobiphenyl
Concen: 91.233 ng
RT: 13.99 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG032277.D
Acq: 25 Jan 2018 2:02

Tgt Ion:172 Resp: 813822

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.2	19.5	29.3



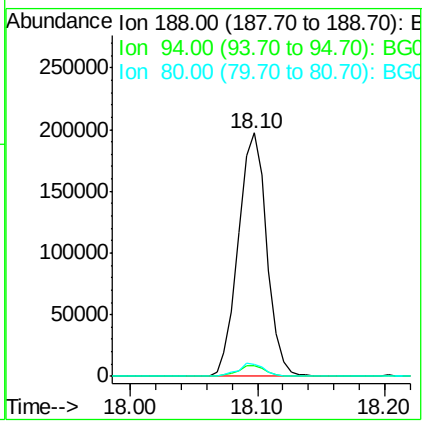


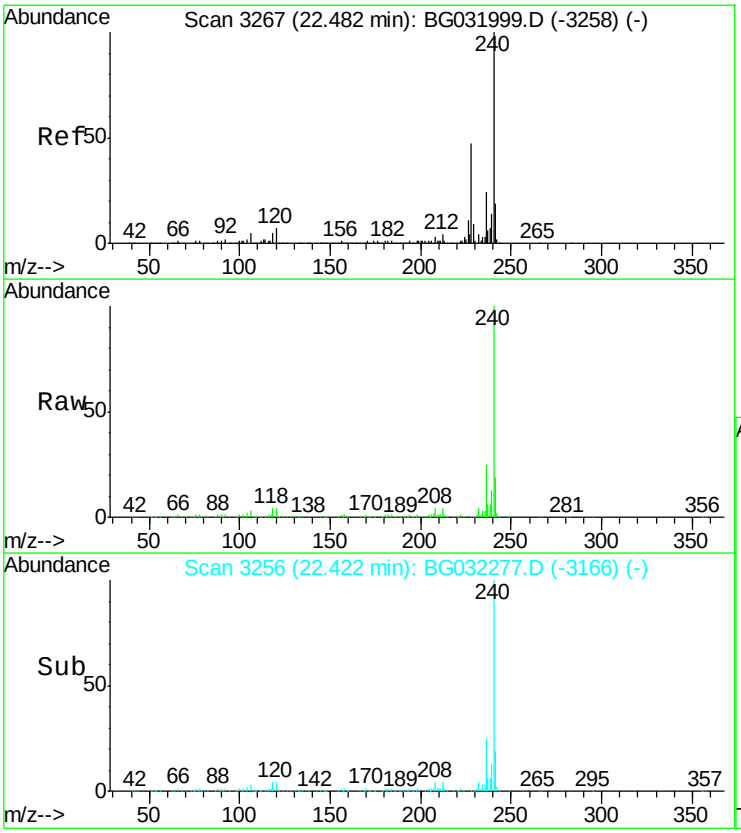
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.10 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BG032277.D
Acq: 25 Jan 2018 2:02

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-A

Tgt Ion:188 Resp: 307261

Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	5.0	7.7	11.5#

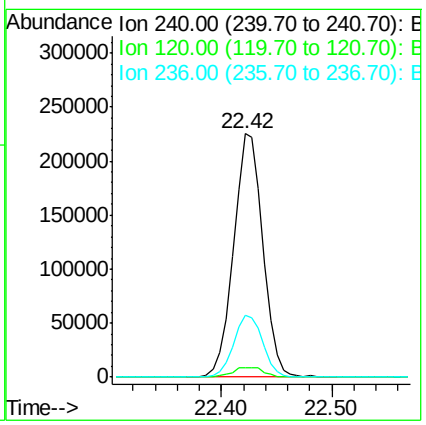


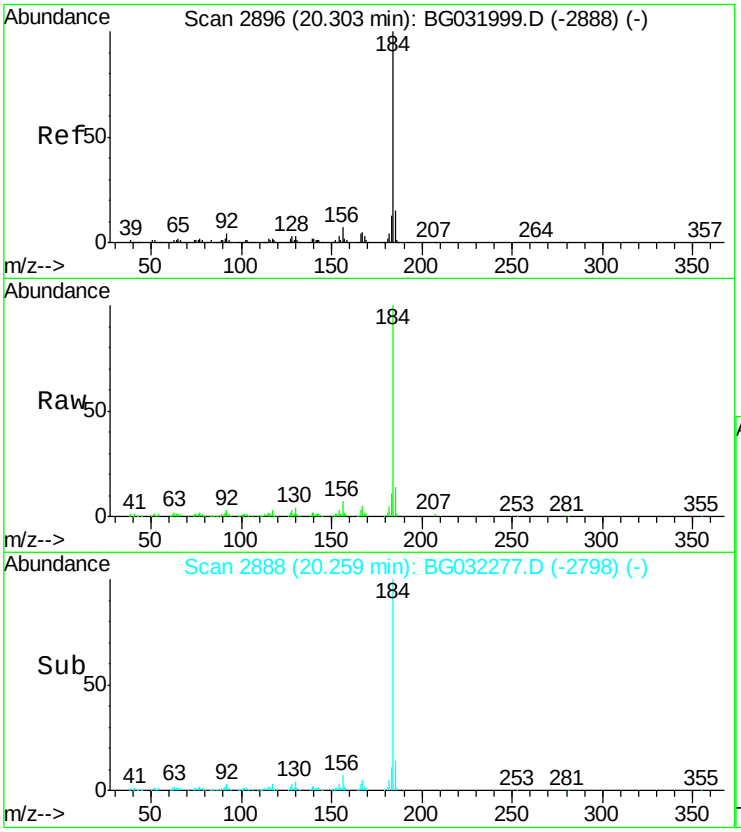


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BG032277.D
Acq: 25 Jan 2018 2:02

Tgt Ion:240 Resp: 418445

Ion	Ratio	Lower	Upper
240	100		
120	3.8	6.8	10.2#
236	25.2	20.9	31.3



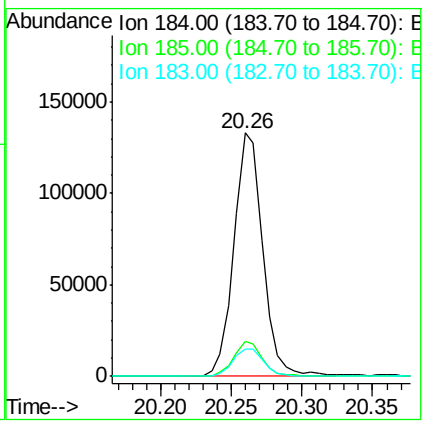


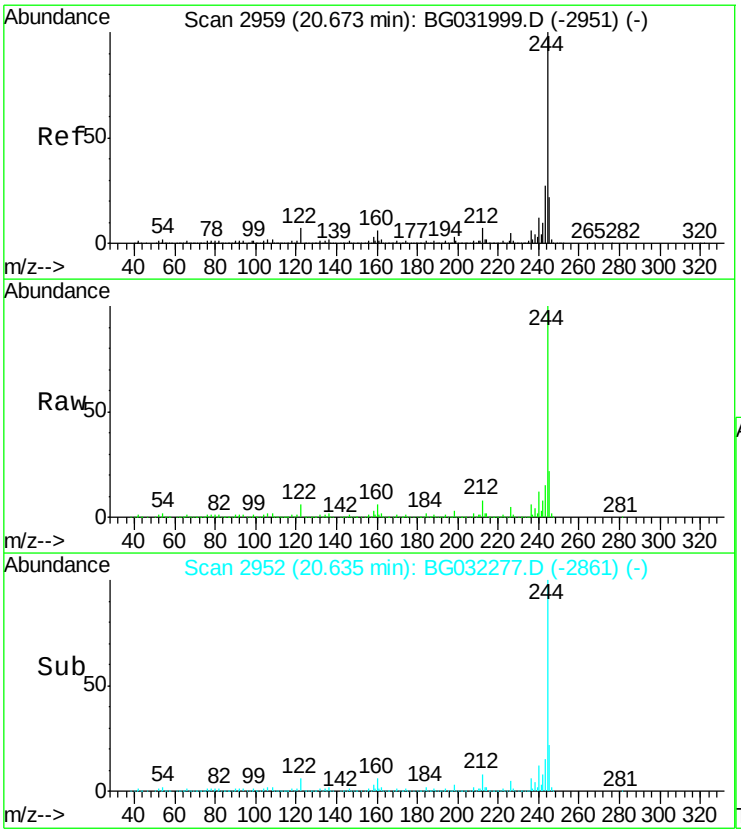
#76
Benzidine
Concen: 18.138 ng
RT: 20.26 min Scan# 2888
Delta R.T. -0.00 min
Lab File: BG032277.D
Acq: 25 Jan 2018 2:02

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-A

Tgt Ion:184 Resp: 189793

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.1	16.7
183	11.4	10.6	16.0

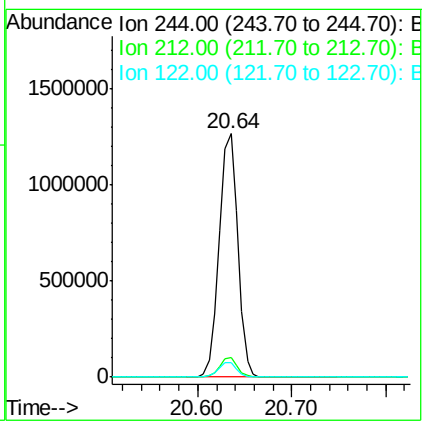


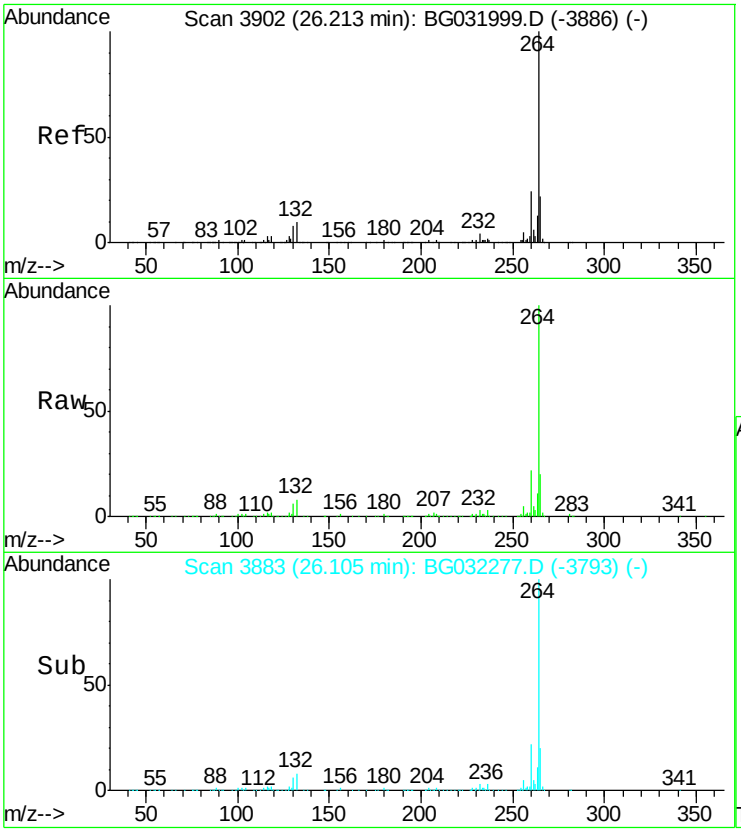


#78
Terphenyl-d14
Concen: 92.556 ng
RT: 20.64 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG032277.D
Acq: 25 Jan 2018 2:02

Tgt Ion:244 Resp: 1754027

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	5.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.11 min Scan# 3883
Delta R.T. -0.00 min
Lab File: BG032277.D
Acq: 25 Jan 2018 2:02

Instrument :
BNA_G
ClientSampleId :
CL-01-012218-A

Tgt Ion:264 Resp: 435658

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	20.5	17.7	26.5