Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032874.D
Acq On : 28 Feb 2018 4:01
Operator : SJ/JU
Sample : J1397-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-022318-E

Quant Time: Feb 28 06:13:39 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	75062	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	330311	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	182542	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	415076	20.00	ng	0.00
75) Chrysene-d12	22.61	240	375365	20.00	ng	-0.02
86) Perylene-d12	26.43	264	372397	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	756453	161.23	ng	0.00
7) Phenol-d6	8.02	99	898281	137.36	ng	0.00
23) Nitrobenzene-d5	10.12	82	637934	128.31	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	321363	167.43	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1356484	107.17	ng	0.00
78) Terphenyl-d14	20.78	244	1897642	113.58	ng	0.00
Target Compounds						Qvalue

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

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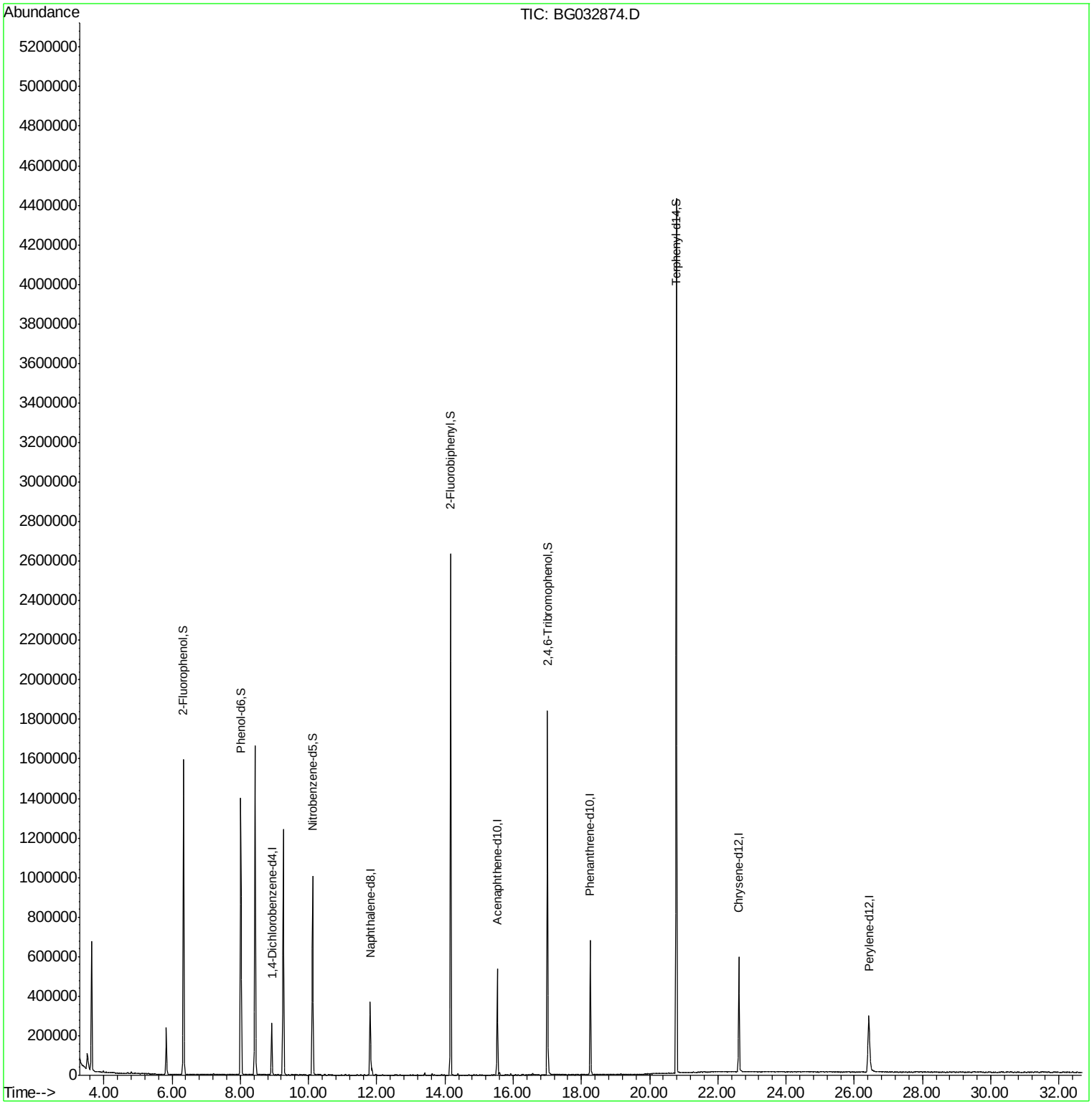
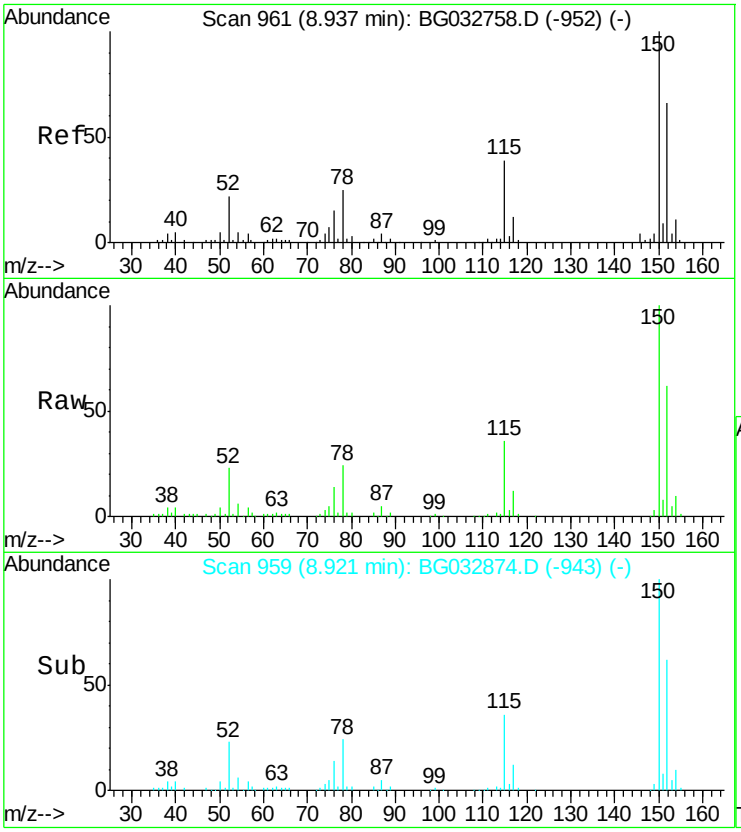
Quant Time: Feb 28 06:13:39 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



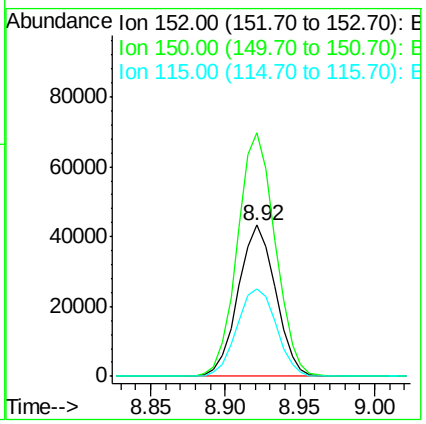


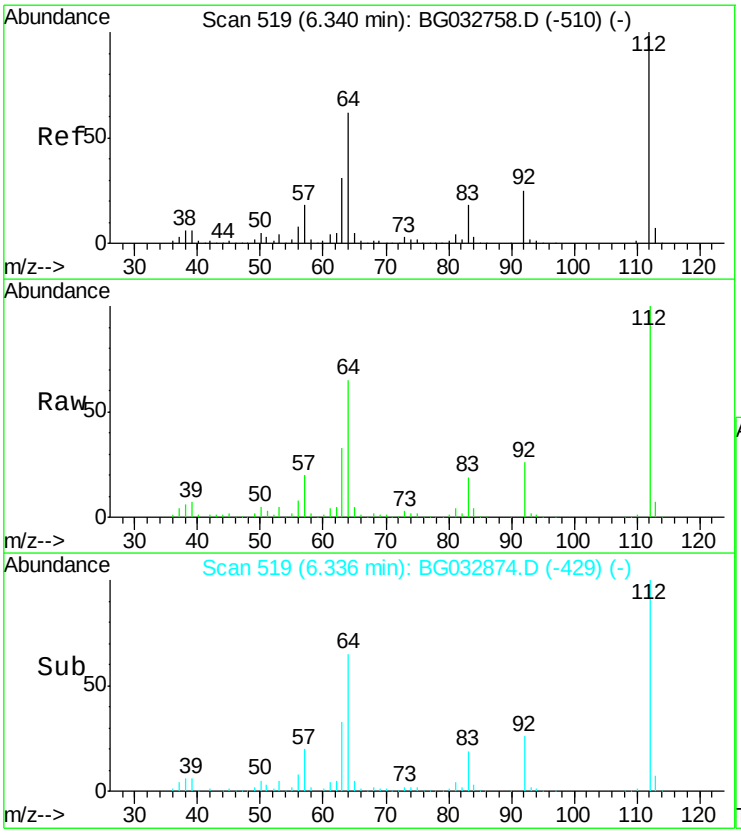
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-022318-E

Tgt Ion:152 Resp: 75062

Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.6	189.8
115	57.6	53.0	79.4

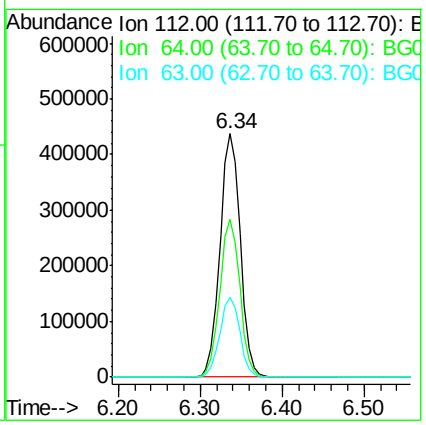


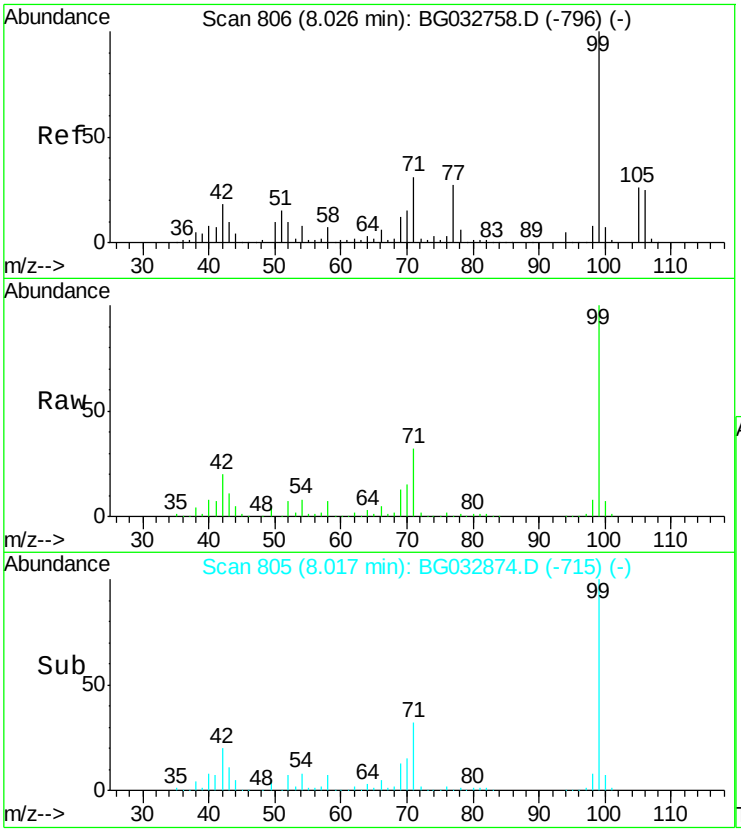


#5
2-Fluorophenol
Concen: 161.229 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Tgt Ion:112 Resp: 756453

Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.3	84.5
63	32.8	30.1	45.1



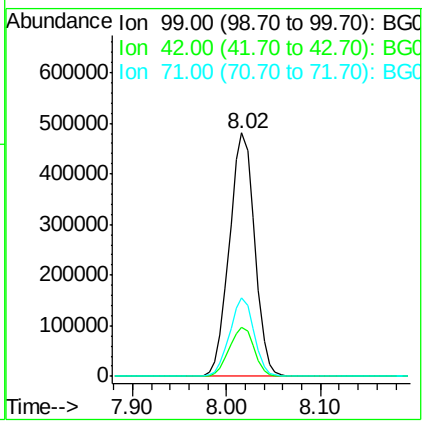


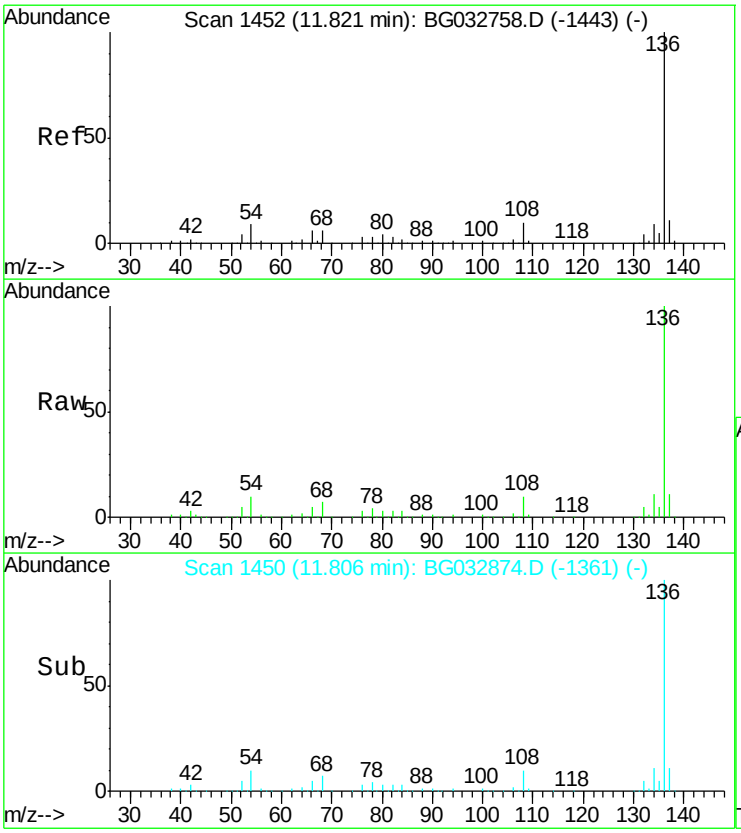
#7
Phenol-d6
Concen: 137.358 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-022318-E

Tgt Ion: 99 Resp: 898281

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.1	21.1
71	32.1	26.1	39.1

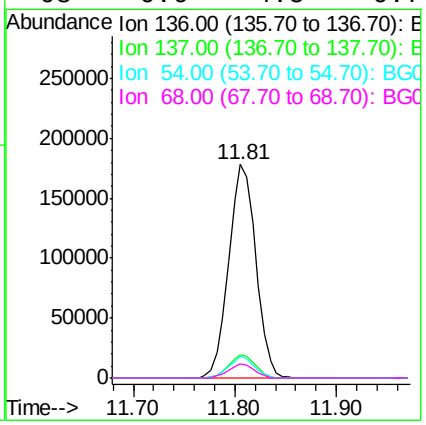


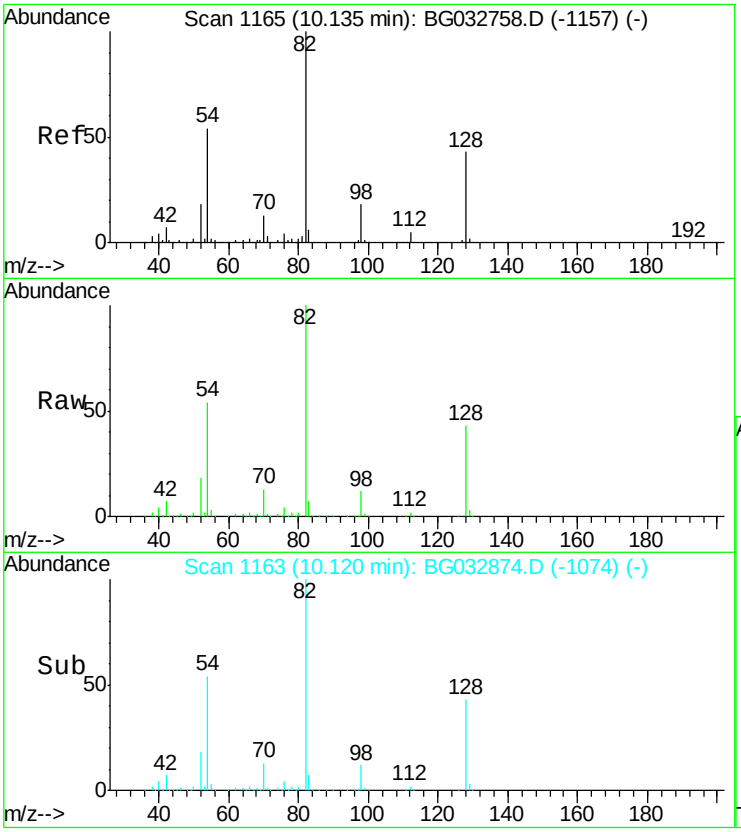


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Tgt Ion:136 Resp: 330311

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	10.0	10.3	15.5#
68	6.6	4.5	6.7



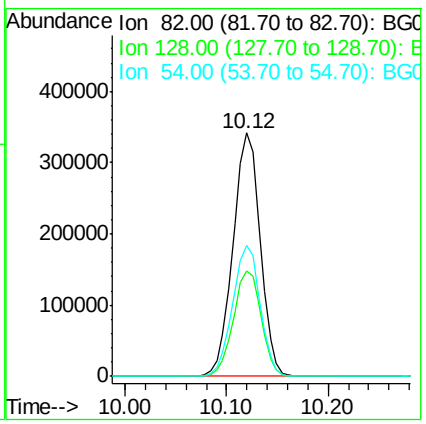


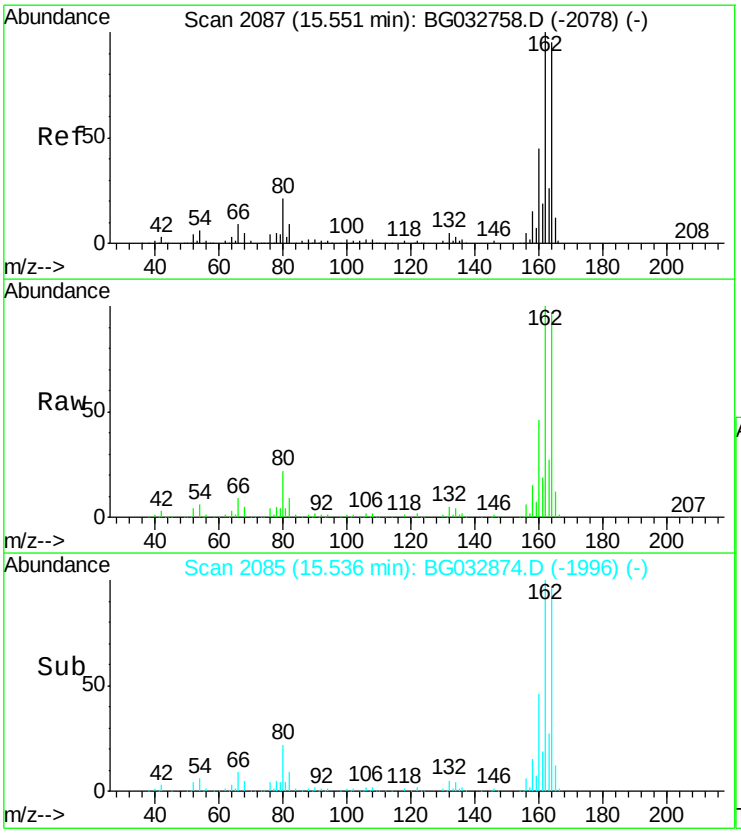
#23
Nitrobenzene-d5
Concen: 128.307 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-022318-E

Tgt Ion: 82 Resp: 637934

Ion	Ratio	Lower	Upper
82	100		
128	43.4	29.7	44.5
54	53.6	43.1	64.7

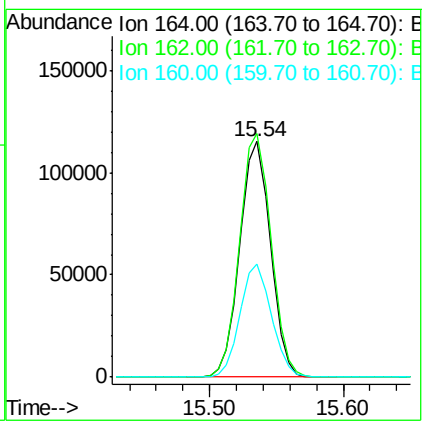


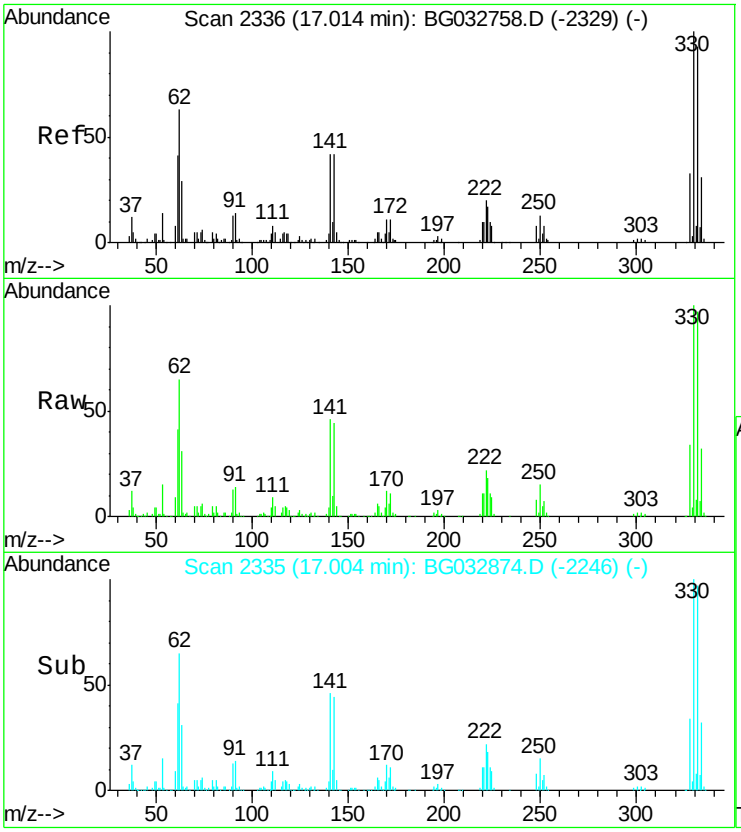


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Tgt Ion:164 Resp: 182542

Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	48.0	35.4	53.0



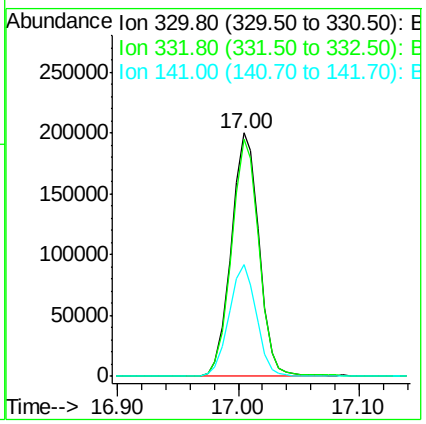


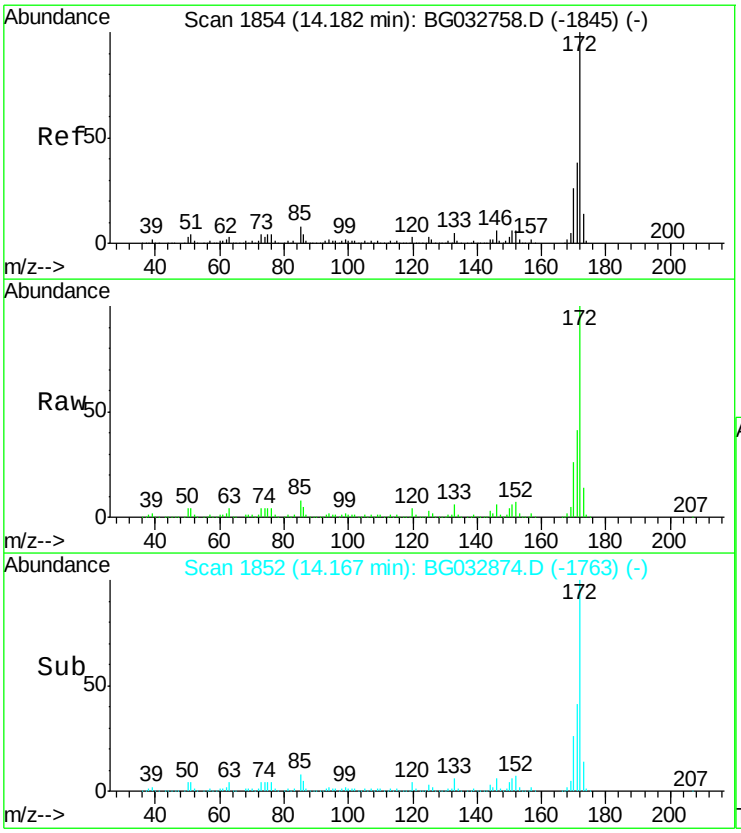
#41
2,4,6-Tribromophenol
Concen: 167.432 ng
RT: 17.00 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-022318-E

Tgt Ion:330 Resp: 321363

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	45.3	25.2	37.8#

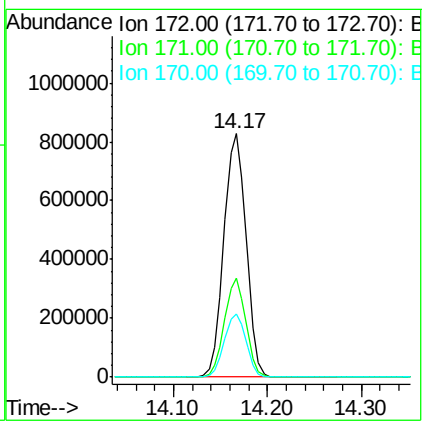


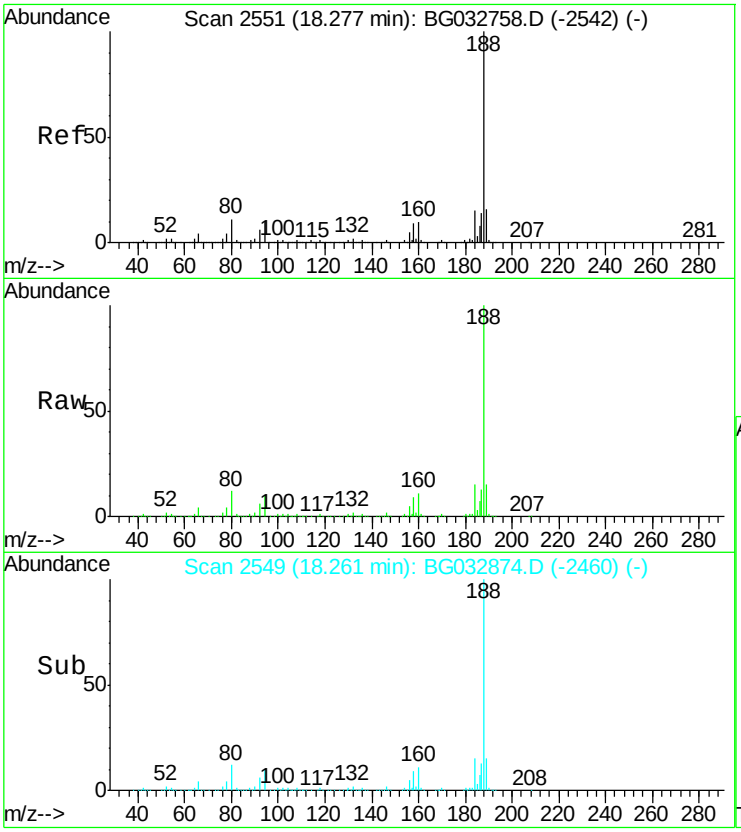


#44
2-Fluorobiphenyl
Concen: 107.175 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Tgt Ion:172 Resp: 1356484

Ion	Ratio	Lower	Upper
172	100		
171	40.7	30.0	45.0
170	26.1	19.5	29.3



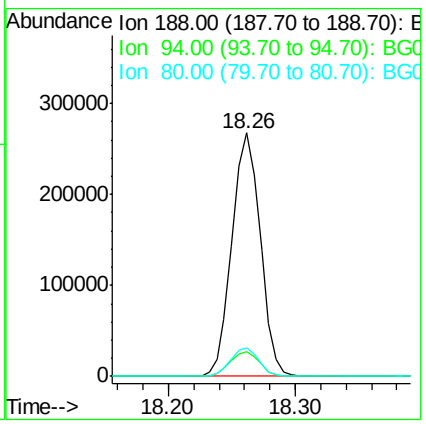


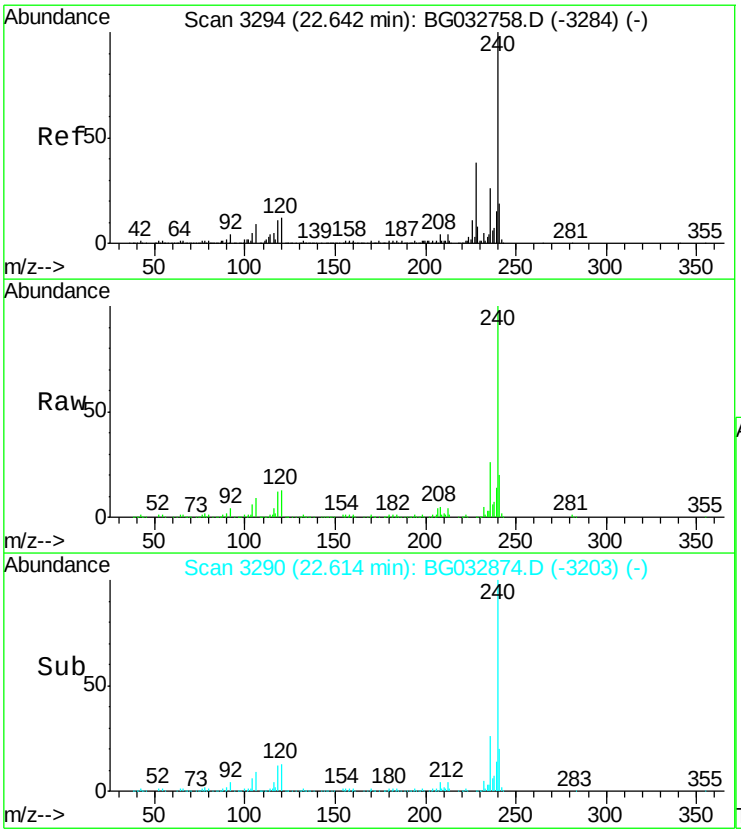
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-022318-E

Tgt Ion:188 Resp: 415076

Ion	Ratio	Lower	Upper
188	100		
94	10.1	6.9	10.3
80	11.6	7.7	11.5#

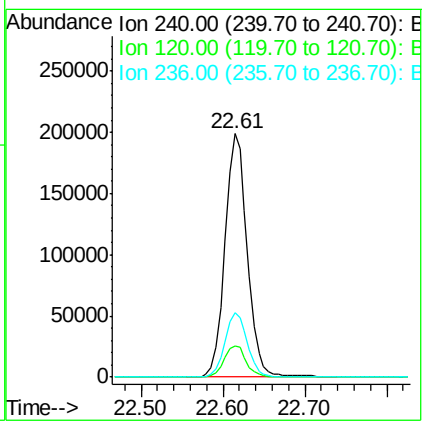


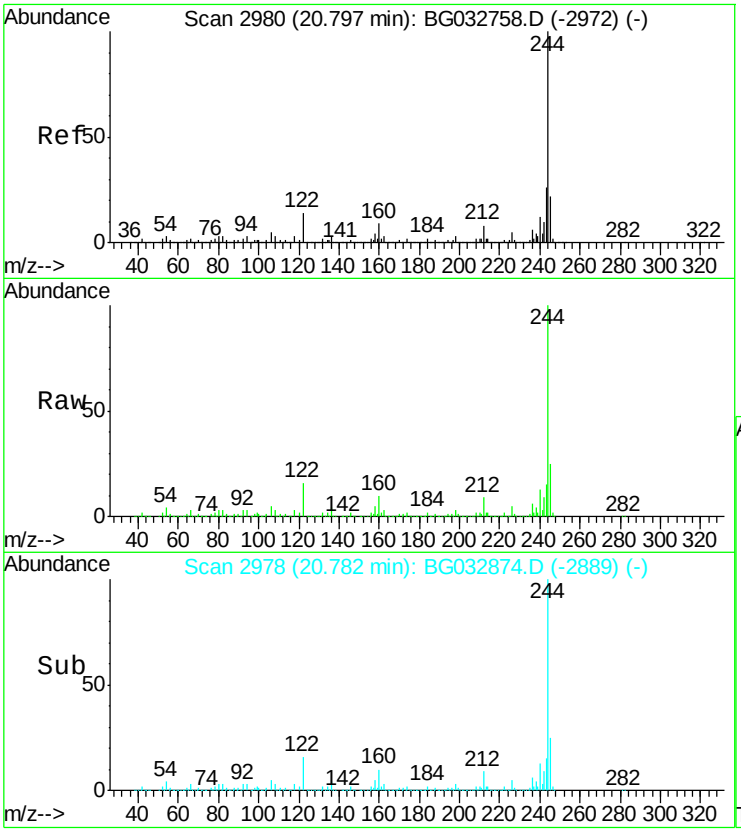


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3290
Delta R.T. -0.02 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Tgt Ion:240 Resp: 375365

Ion	Ratio	Lower	Upper
240	100		
120	12.7	6.8	10.2#
236	26.5	20.9	31.3



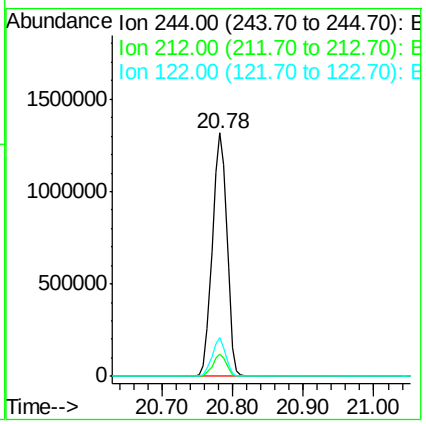


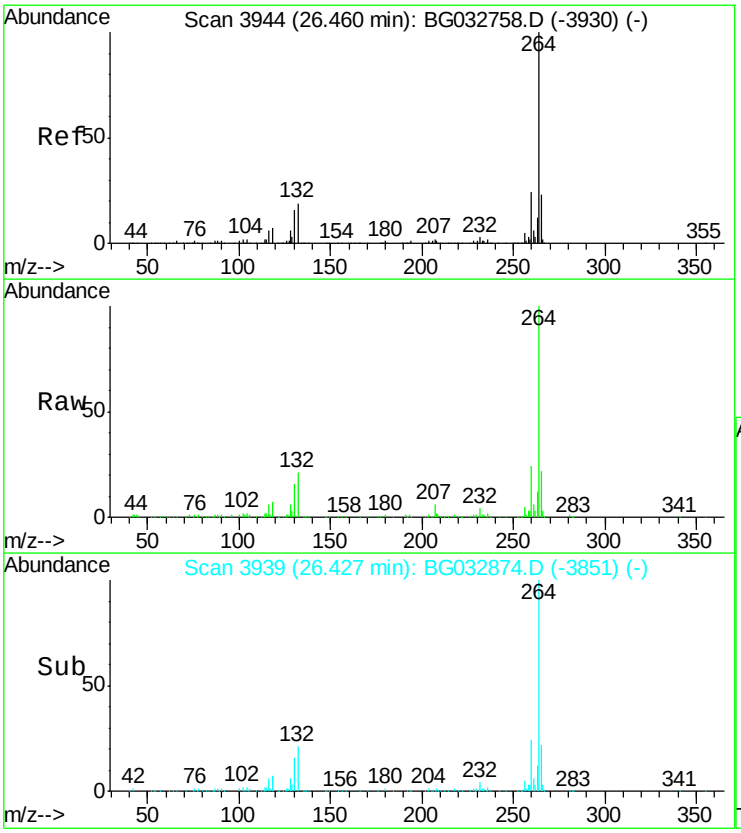
#78
Terphenyl-d14
Concen: 113.582 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.01 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-022318-E

Tgt Ion:244 Resp: 1897642

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	16.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032874.D
Acq: 28 Feb 2018 4:01

Tgt Ion:264 Resp: 372397

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.6	17.7	26.5