Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031200.D
Acq On : 22 Nov 2017 21:48
Operator : SJ/JU
Sample : I6525-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-18

Quant Time: Nov 22 23:54:45 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	55947	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	252969	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	170808	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	442487	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	528039	20.00	ng	-0.02
86) Perylene-d12	25.06	264	509482	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	238080	72.97	ng	-0.02
7) Phenol-d6	7.30	99	200667	45.65	ng	0.00
23) Nitrobenzene-d5	9.30	82	378097	88.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	324344	117.38	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1142614	96.12	ng	-0.02
78) Terphenyl-d14	20.09	244	2060715	86.17	ng	0.00
Target Compounds						Qvalue

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

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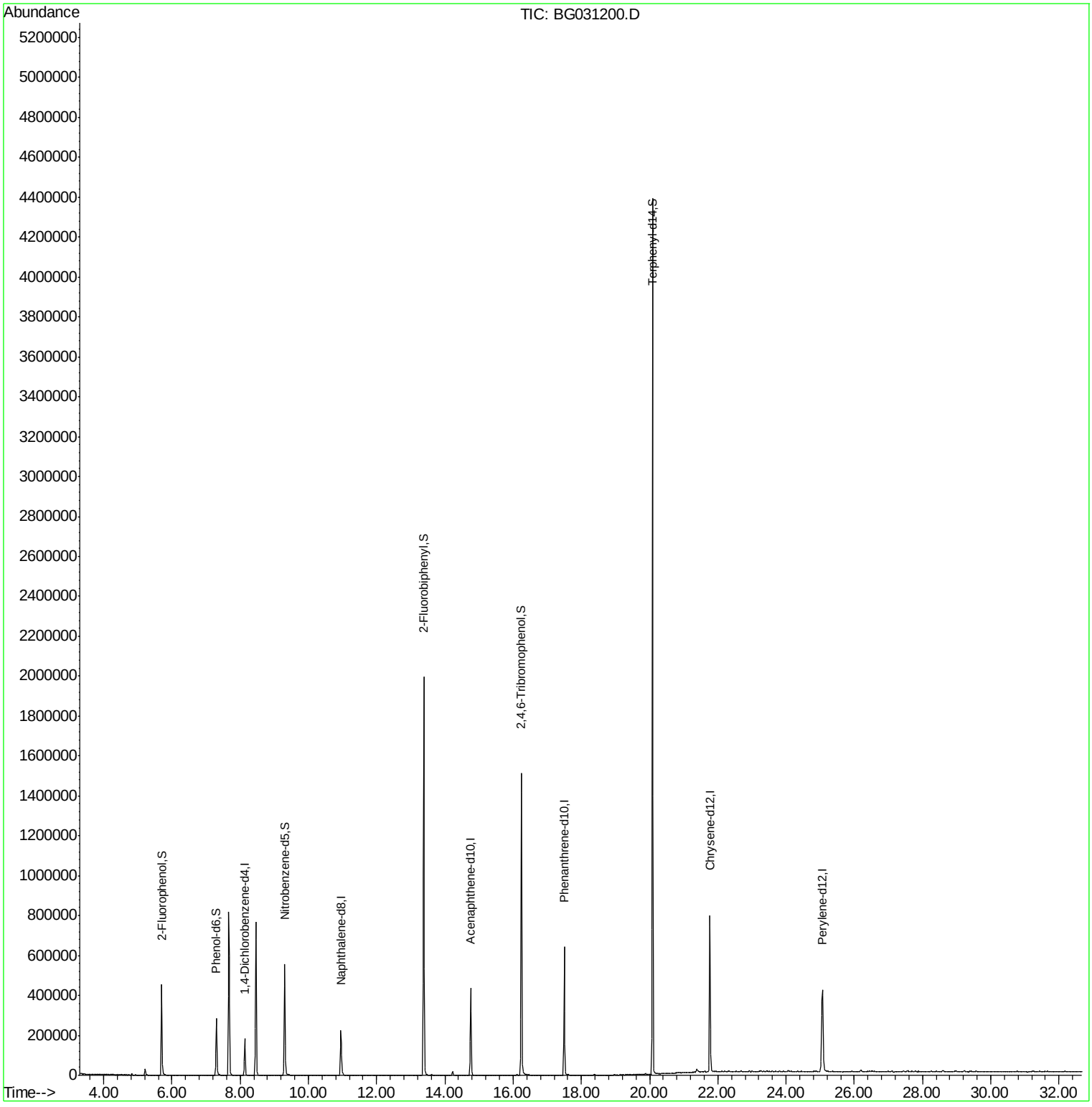
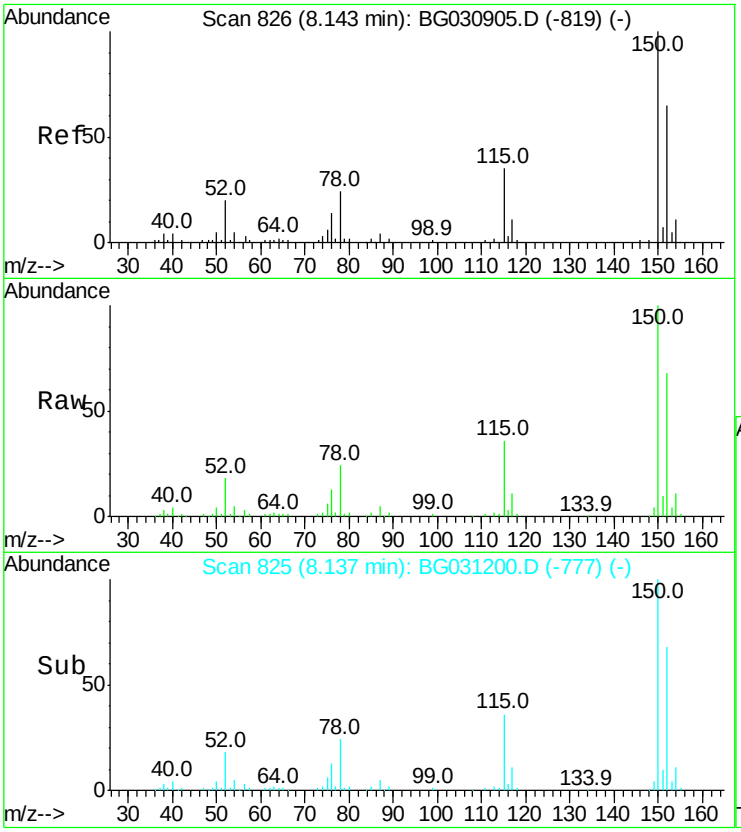


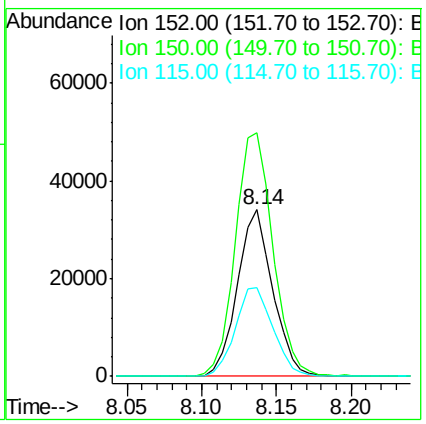


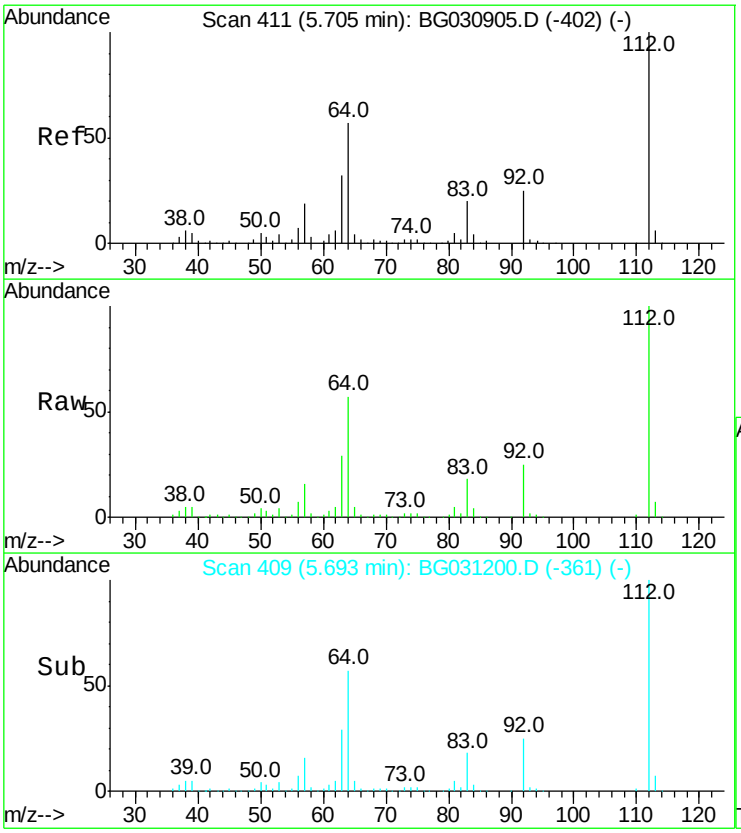
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion:152 Resp: 55947

Ion	Ratio	Lower	Upper
152	100		
150	146.3	126.6	189.8
115	53.2	53.0	79.4

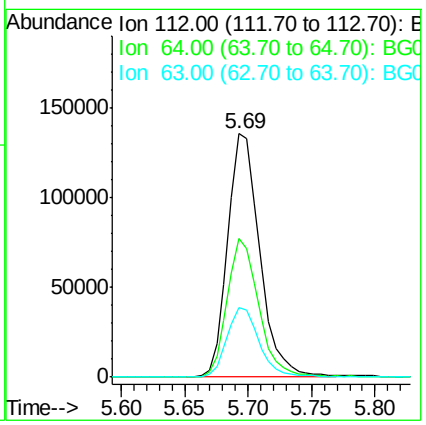


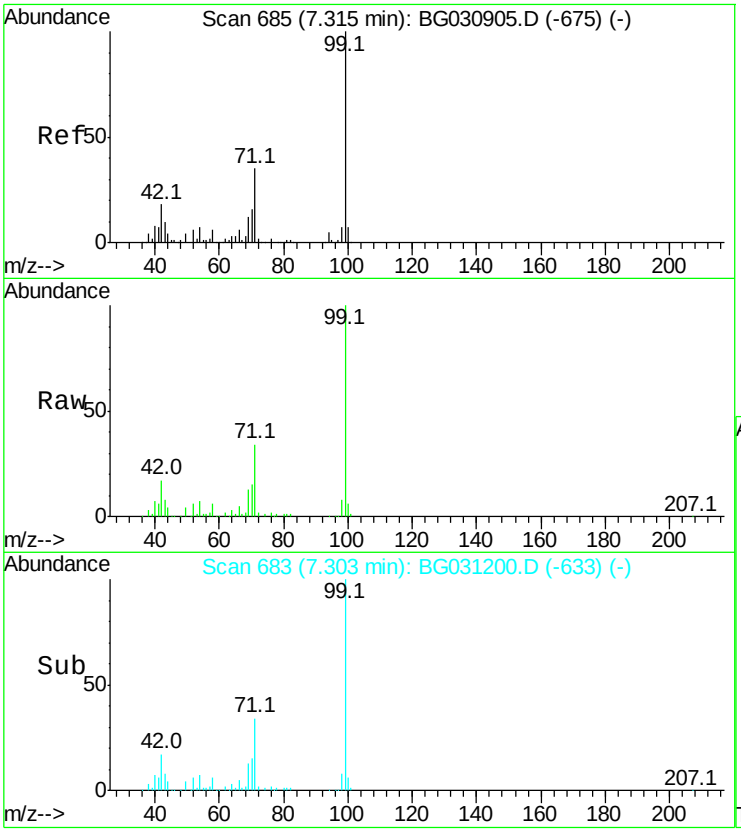


#5
2-Fluorophenol
Concen: 72.971 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Tgt Ion:112 Resp: 238080

Ion	Ratio	Lower	Upper
112	100		
64	56.8	56.3	84.5
63	28.7	30.1	45.1#



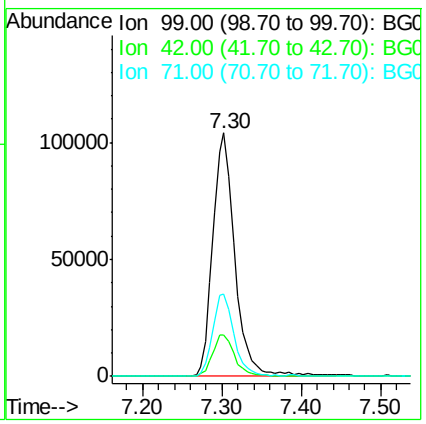


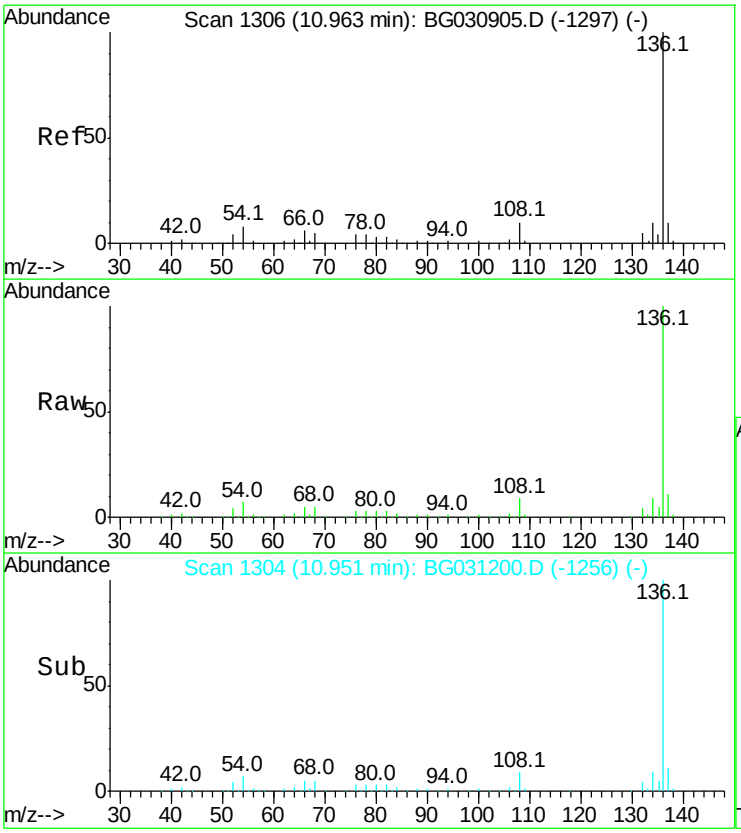
#7
Phenol-d6
Concen: 45.653 ng
RT: 7.30 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion: 99 Resp: 200667

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.1	21.1
71	33.6	26.1	39.1

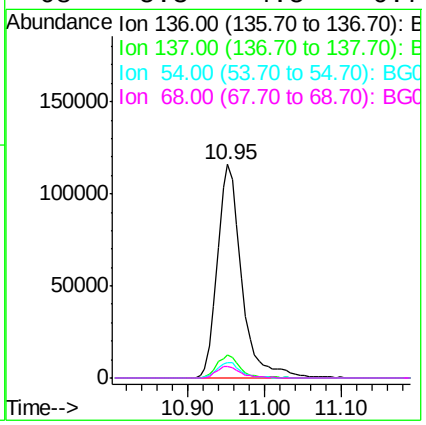


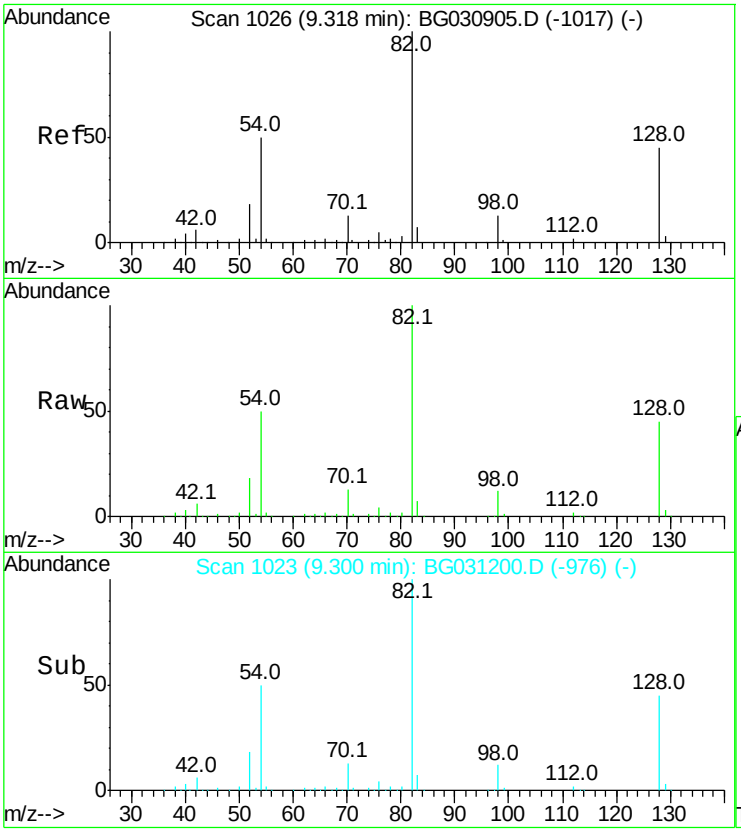


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Tgt Ion:136 Resp: 252969

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.0	10.3	15.5#
68	5.3	4.5	6.7



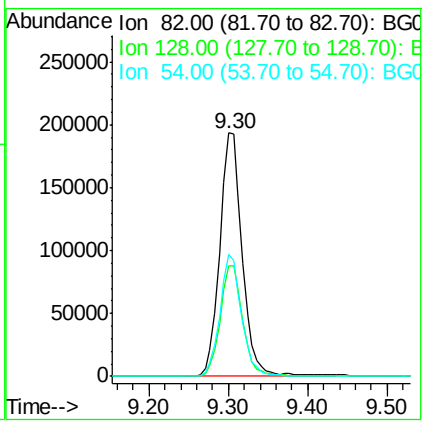


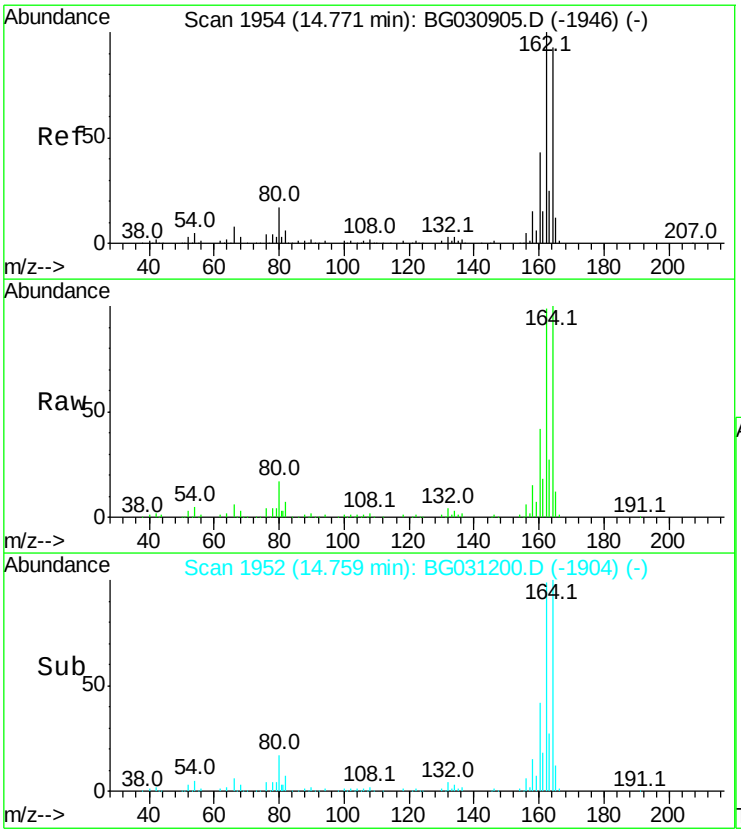
#23
Nitrobenzene-d5
Concen: 88.567 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion: 82 Resp: 378097

Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	49.9	43.1	64.7

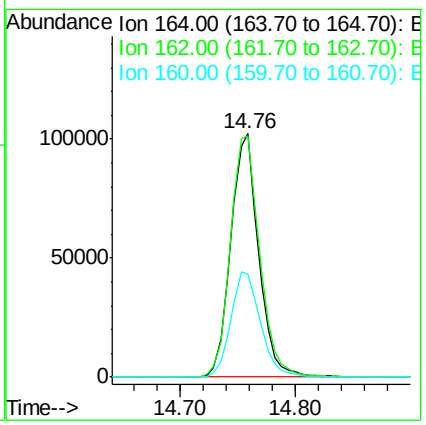


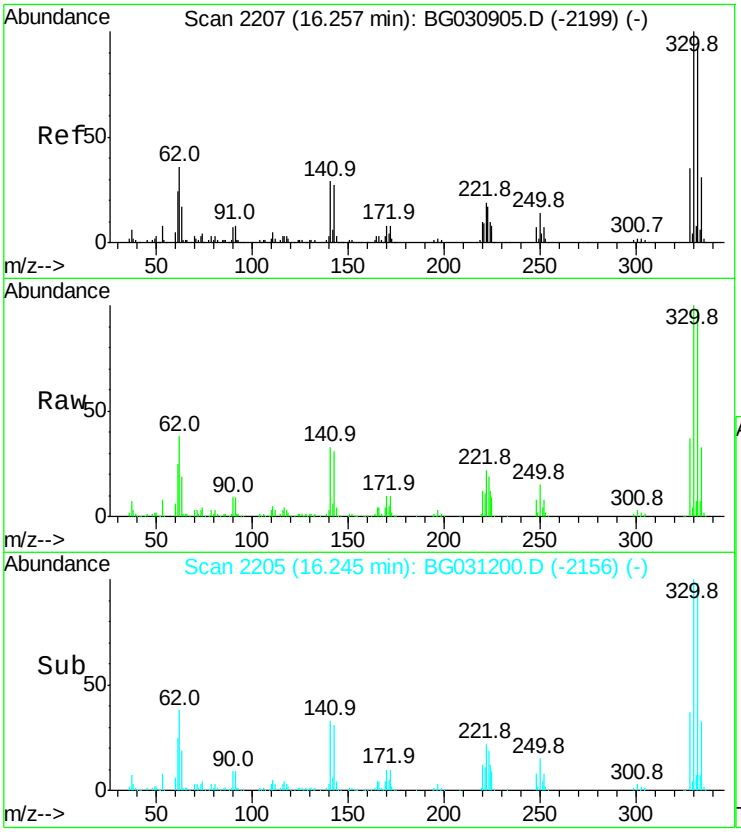


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Tgt Ion:164 Resp: 170808

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.8	118.2
160	42.2	35.4	53.0



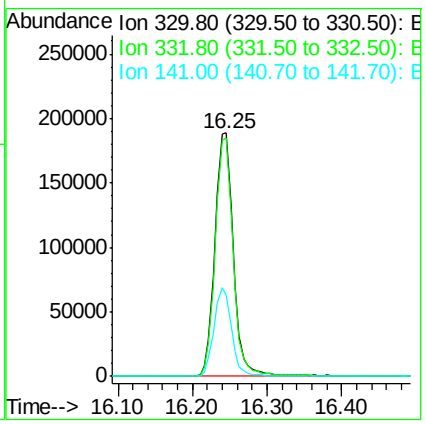


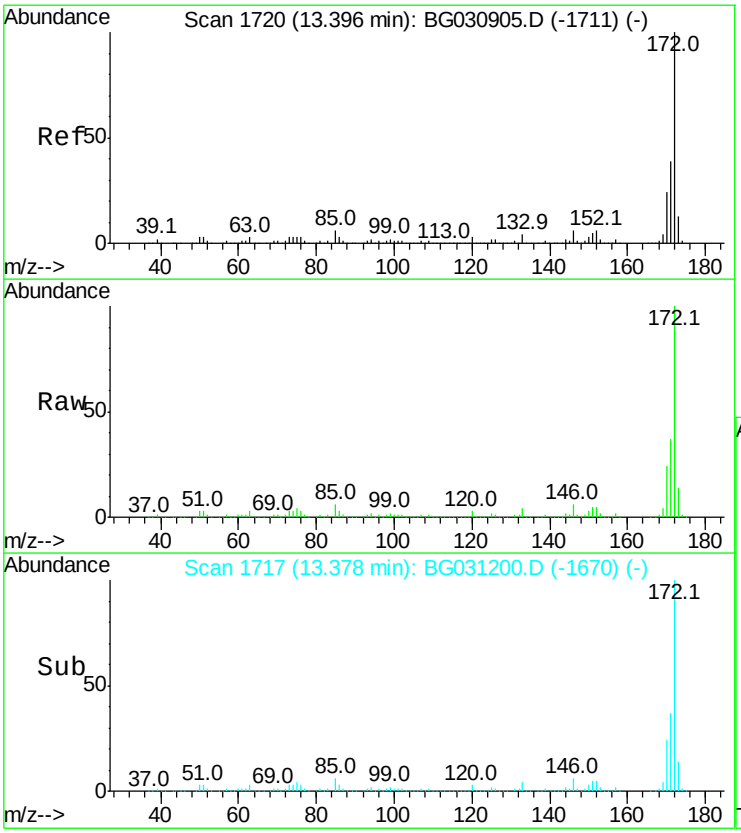
#41
2,4,6-Tribromophenol
Concen: 117.383 ng
RT: 16.25 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion:330 Resp: 324344

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	34.5	25.2	37.8

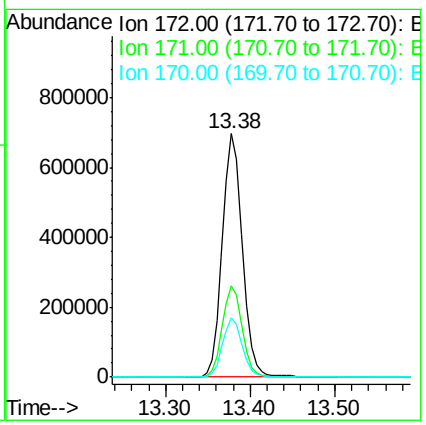


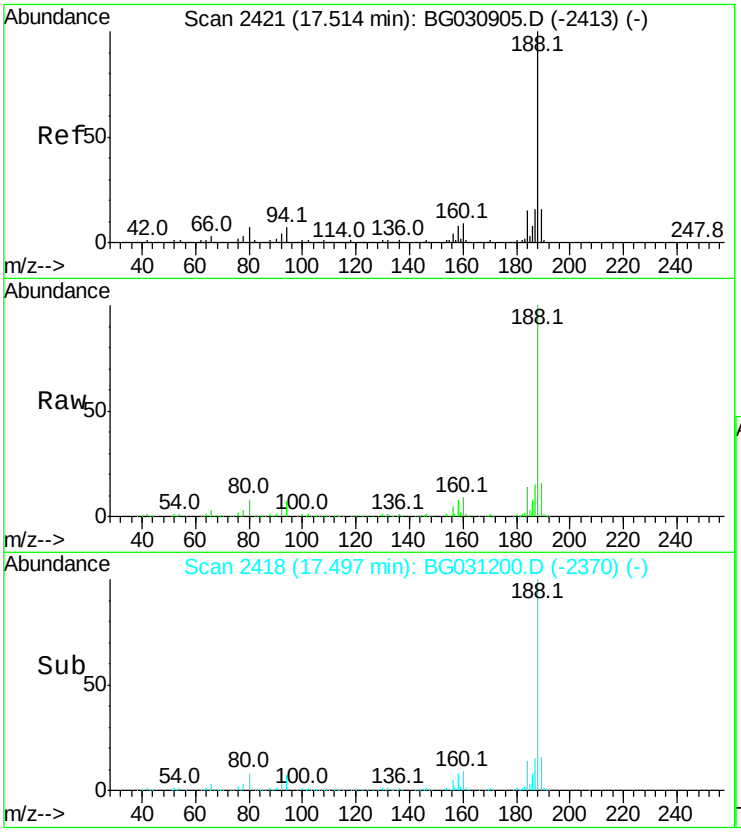


#44
2-Fluorobiphenyl
Concen: 96.120 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Tgt Ion:172 Resp: 1142614

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.4	19.5	29.3



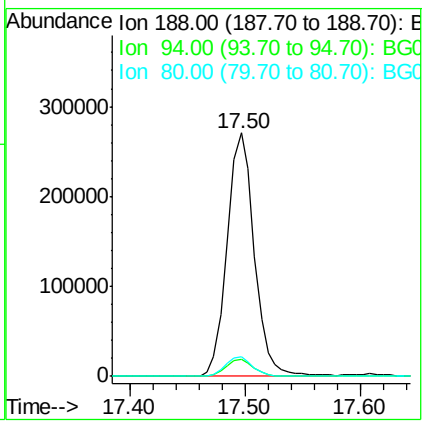


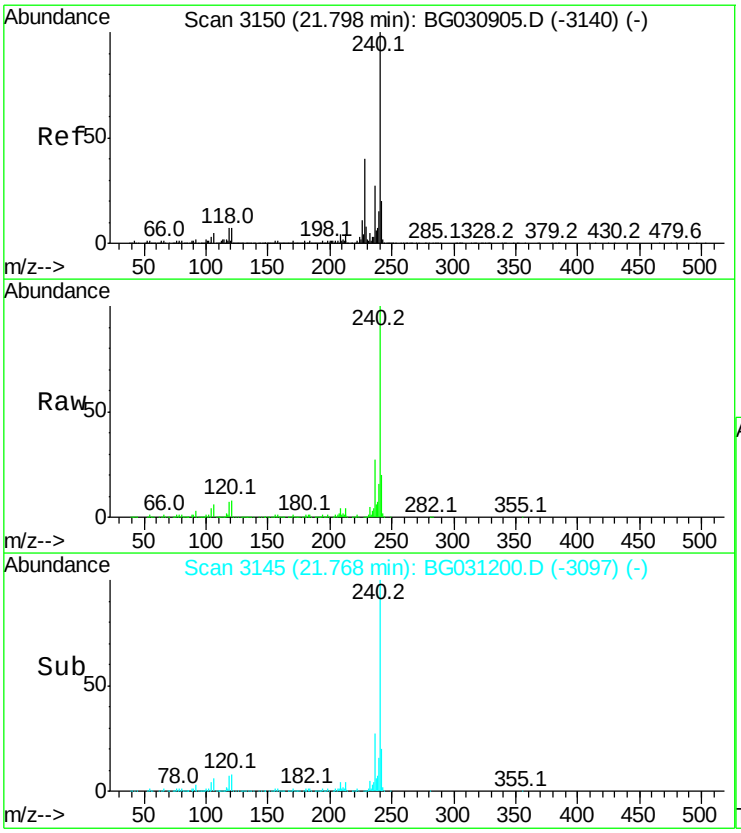
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion:188 Resp: 442487

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	7.8	7.7	11.5

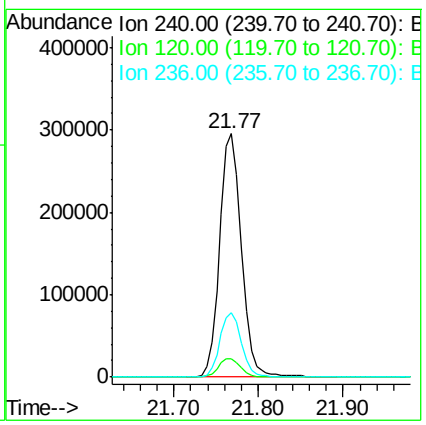


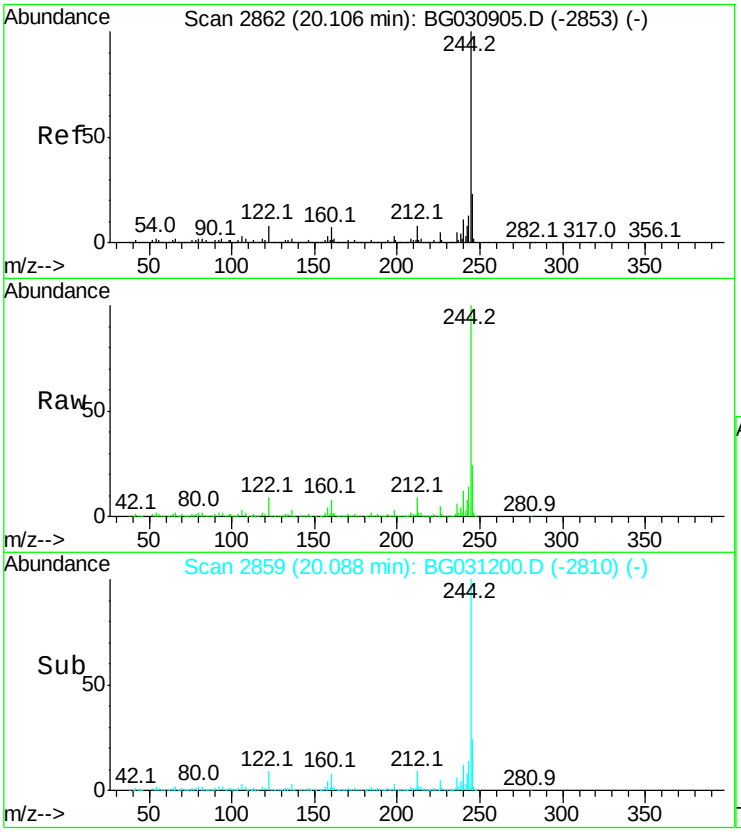


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Tgt Ion:240 Resp: 528039

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.8	10.2
236	26.6	20.9	31.3



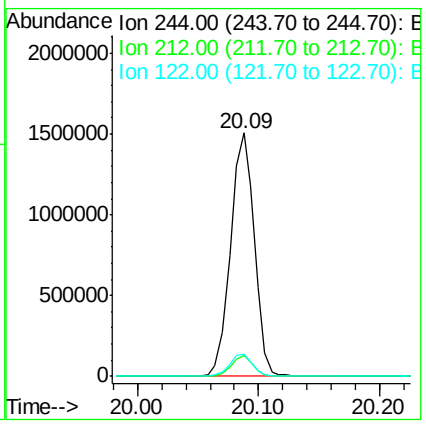


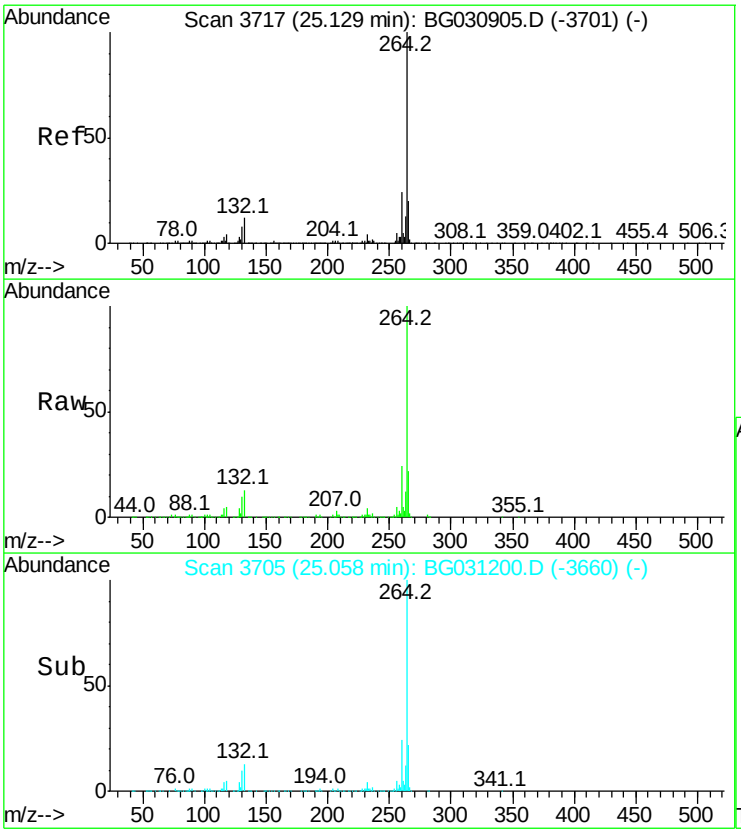
#78
Terphenyl-d14
Concen: 86.172 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Instrument :
BNA_G
ClientSampleId :
MW-18

Tgt Ion:244 Resp: 2060715

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.03 min
Lab File: BG031200.D
Acq: 22 Nov 2017 21:48

Tgt Ion:264 Resp: 509482

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.5	17.7	26.5