Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
Data File : BG031008.D
Acq On : 15 Nov 2017 10:33
Operator : SJ/JU
Sample : I6441-24
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7A-7B

Quant Time: Nov 15 14:26:23 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	35259	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	143103	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	103901	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	292049	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	407405	20.00	ng	-0.01
86) Perylene-d12	25.07	264	410389	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	251379	122.25	ng	0.00
7) Phenol-d6	7.31	99	280785	101.36	ng	0.00
23) Nitrobenzene-d5	9.30	82	224376	92.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	300572	178.83	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	760680	105.20	ng	-0.01
78) Terphenyl-d14	20.09	244	1656366	89.77	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.01	128	28486	4.049	ng	98

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

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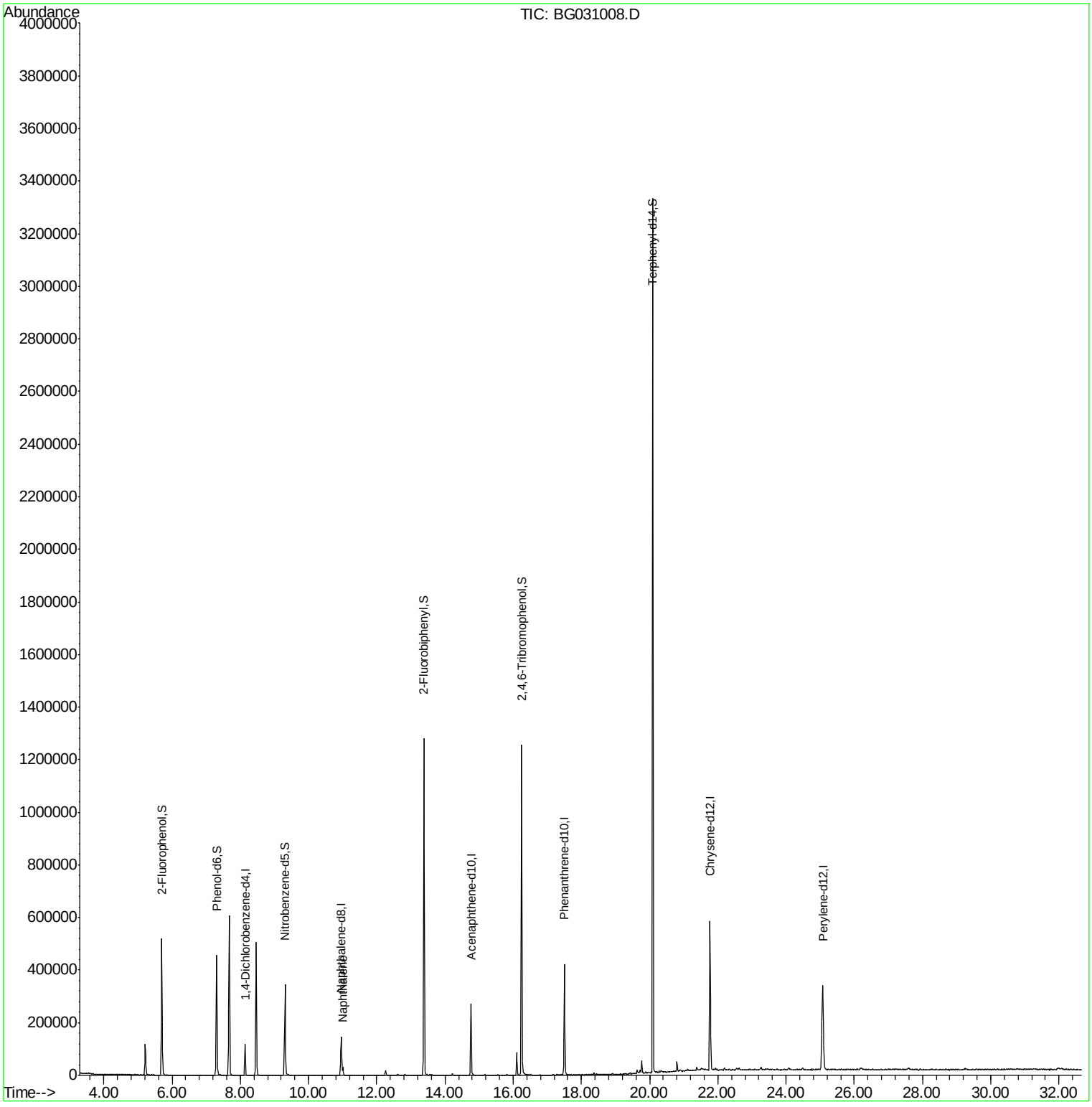
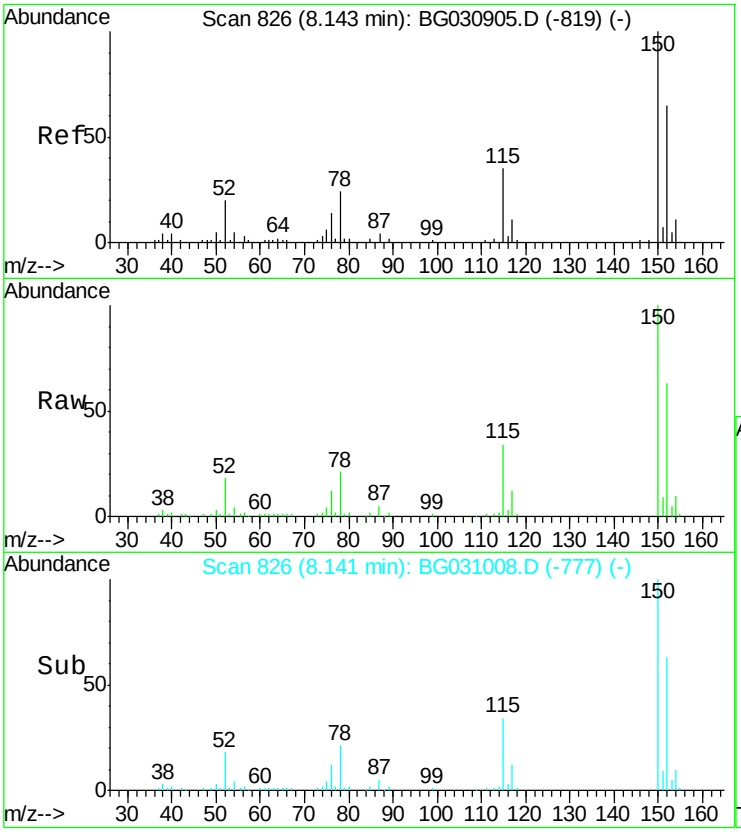


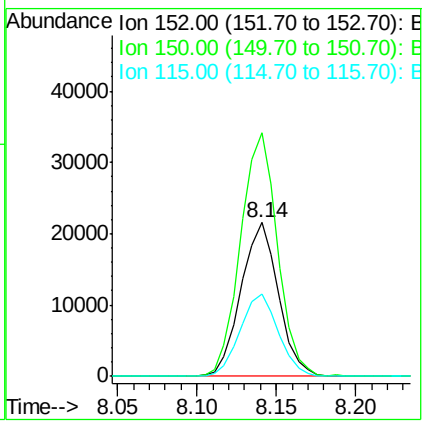


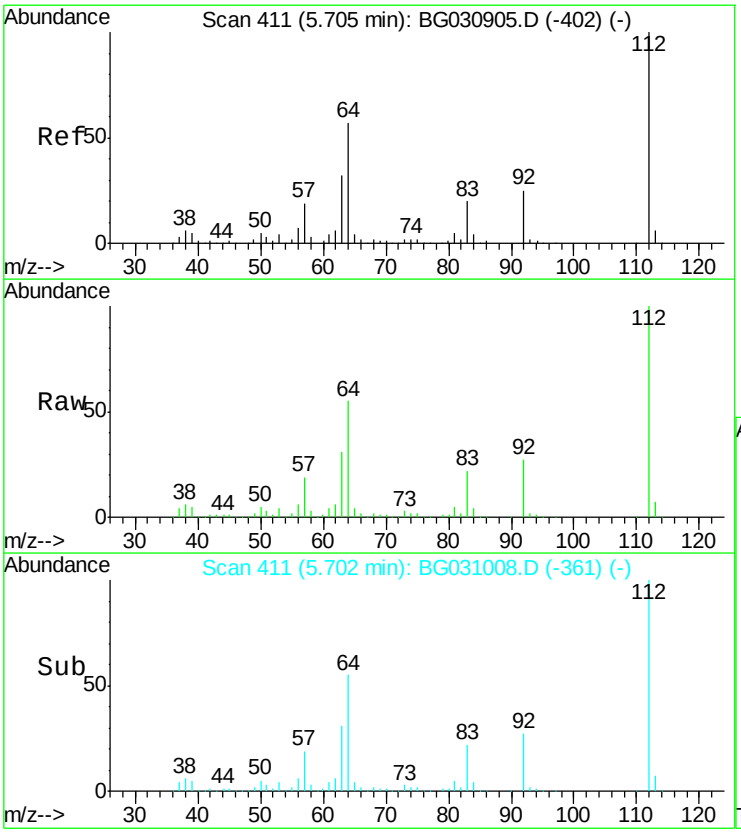
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7A-7B

Tgt Ion:152 Resp: 35259

Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.6	189.8
115	53.2	53.0	79.4

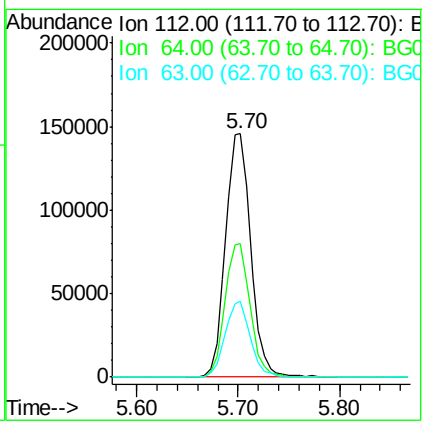


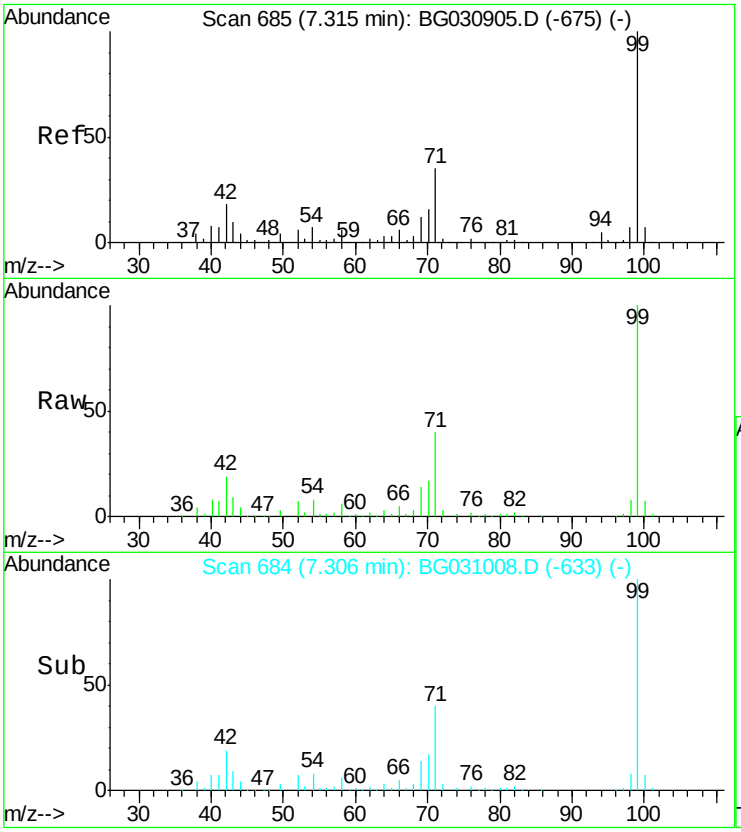


#5
2-Fluorophenol
Concen: 122.254 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Tgt Ion:112 Resp: 251379

Ion	Ratio	Lower	Upper
112	100		
64	54.7	56.3	84.5#
63	31.3	30.1	45.1



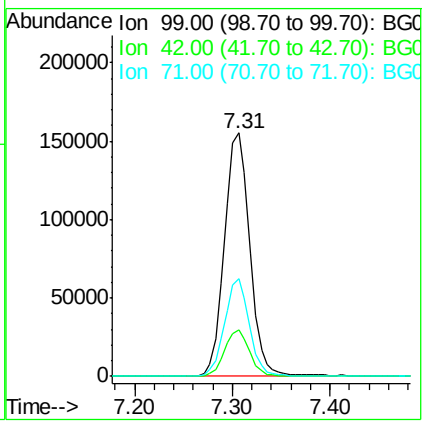


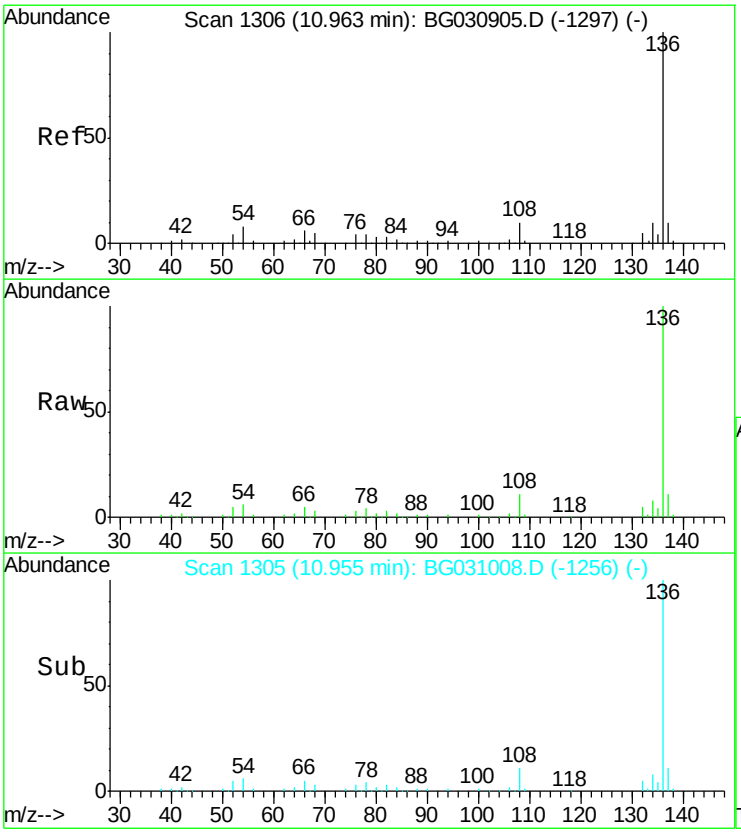
#7
Phenol-d6
Concen: 101.361 ng
RT: 7.31 min Scan# 684
Delta R.T. -0.00 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7A-7B

Tgt Ion: 99 Resp: 280785

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.1	21.1
71	39.9	26.1	39.1#

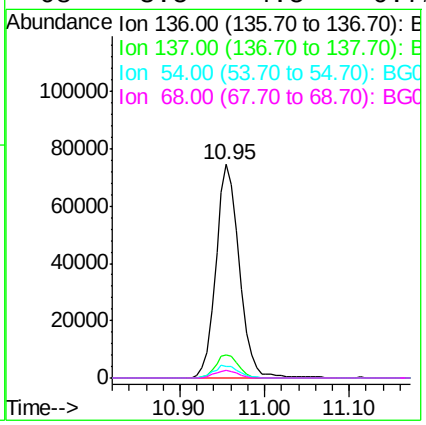


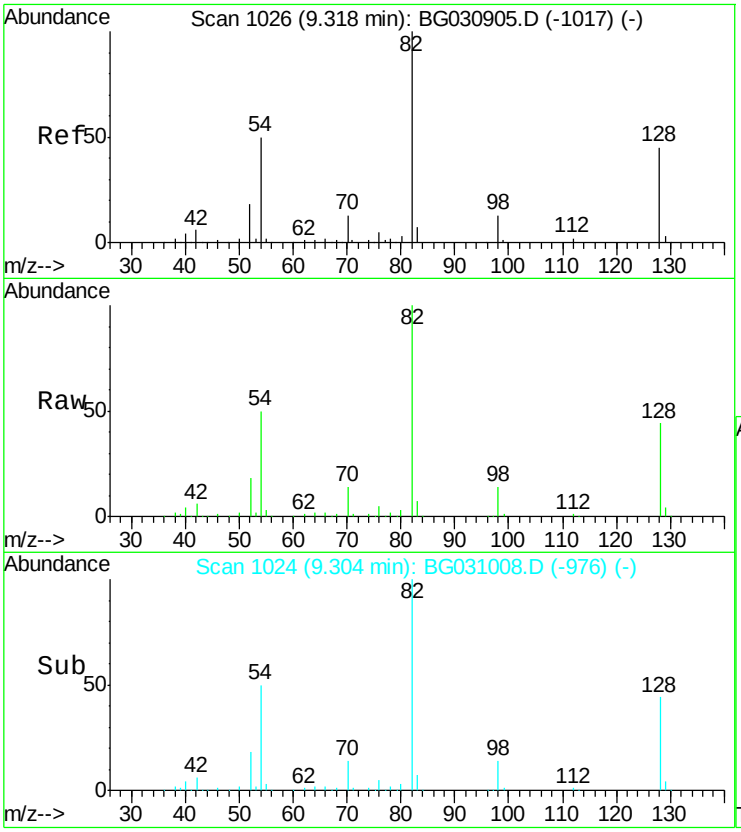


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Tgt Ion:136 Resp: 143103

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.5	10.3	15.5#
68	3.5	4.5	6.7#



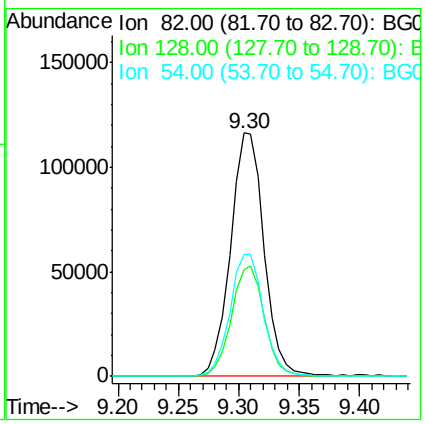


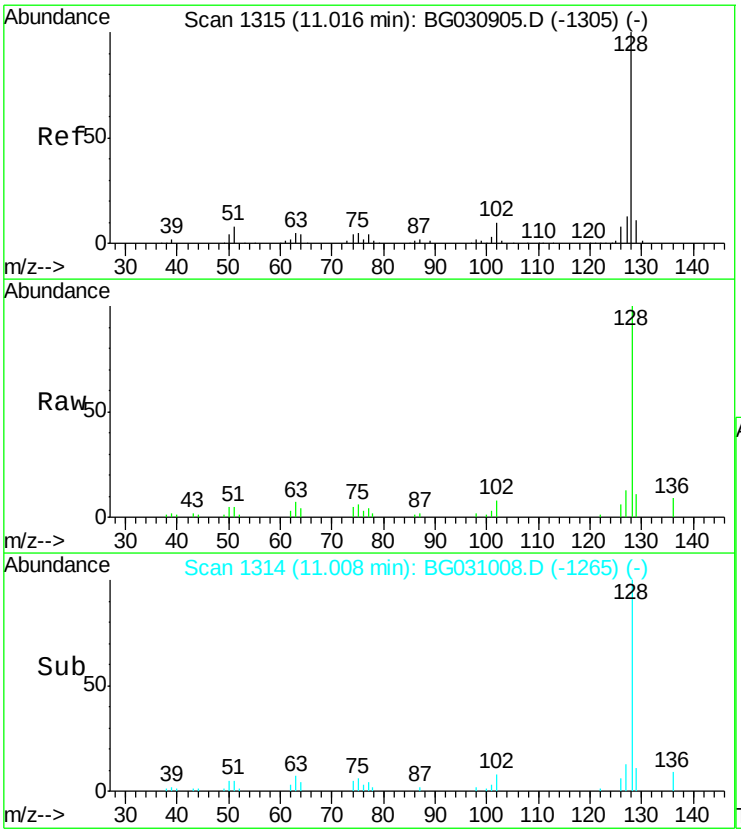
#23
Nitrobenzene-d5
Concen: 92.910 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7A-7B

Tgt Ion: 82 Resp: 224376

Ion	Ratio	Lower	Upper
82	100		
128	43.8	29.7	44.5
54	50.4	43.1	64.7

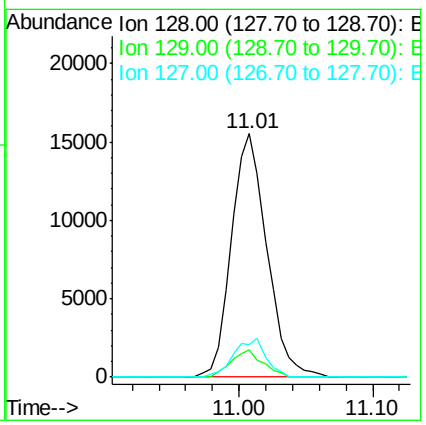


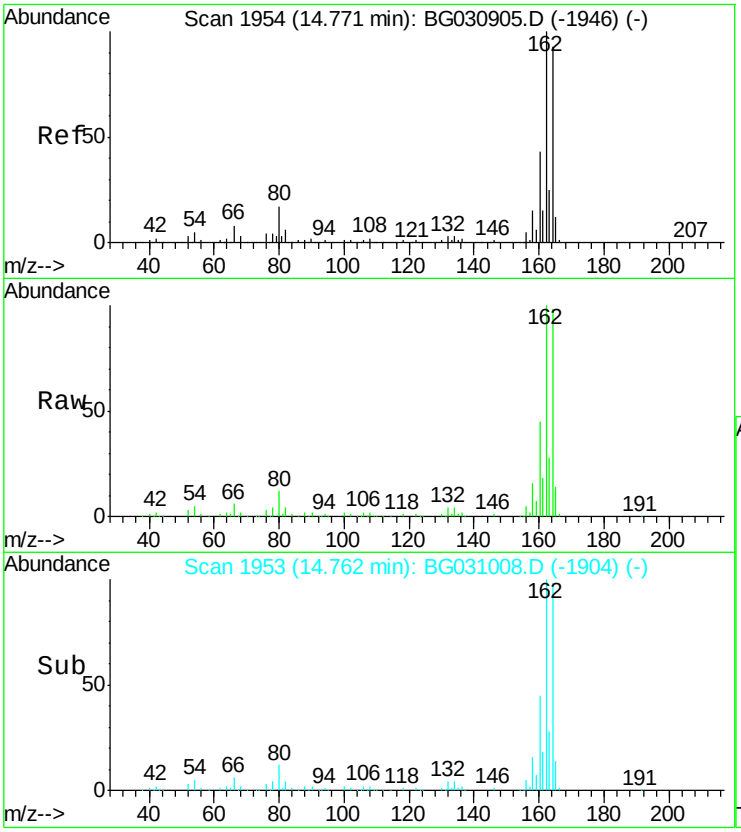


#31
Naphthalene
Concen: 4.049 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Tgt Ion:128 Resp: 28486

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.3	11.6	17.4



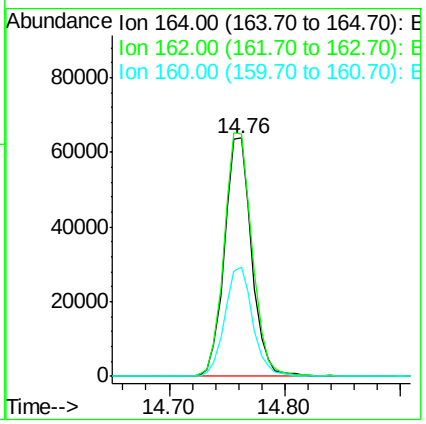


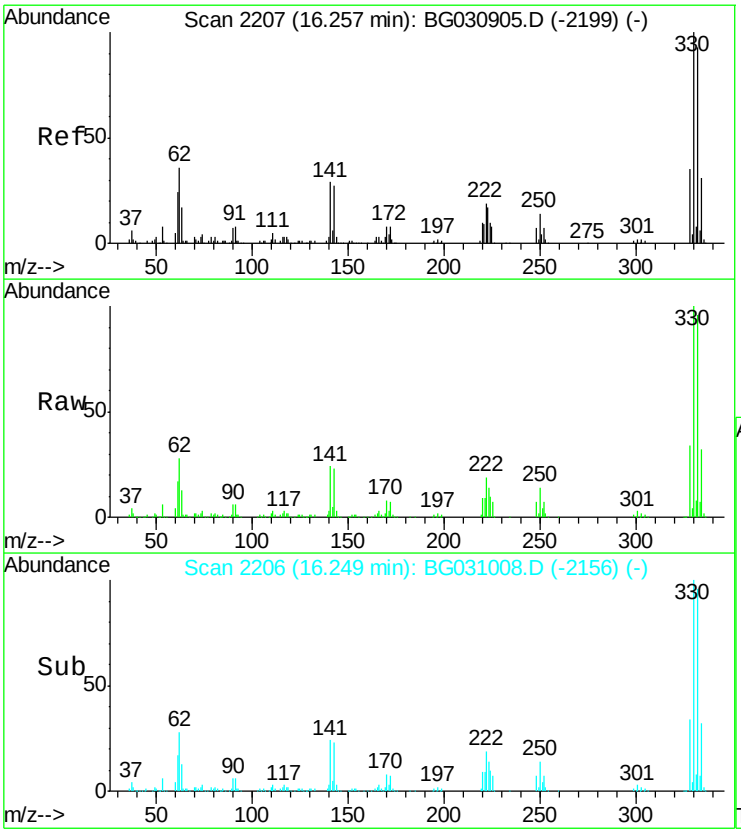
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7A-7B

Tgt Ion:164 Resp: 103901

Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	45.8	35.4	53.0

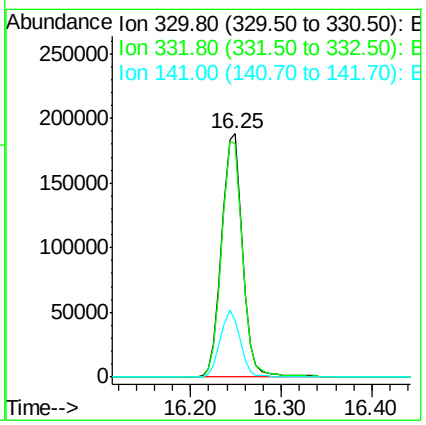


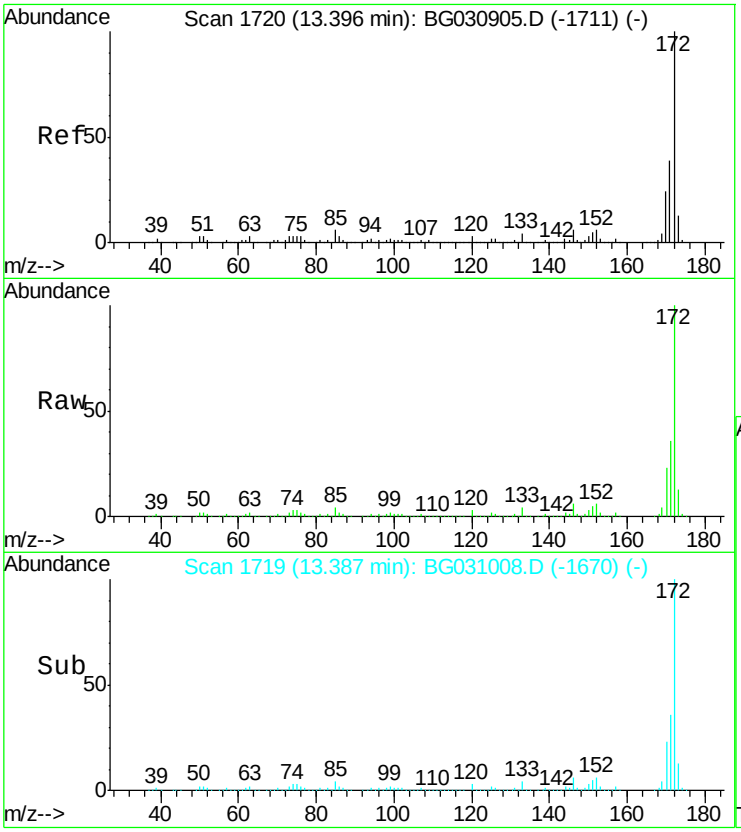


#41
2,4,6-Tribromophenol
Concen: 178.829 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Tgt Ion:330 Resp: 300572

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	26.7	25.2	37.8



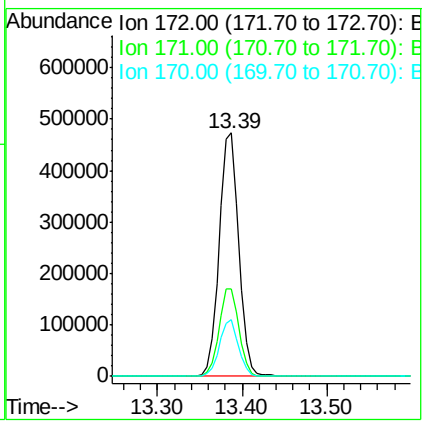


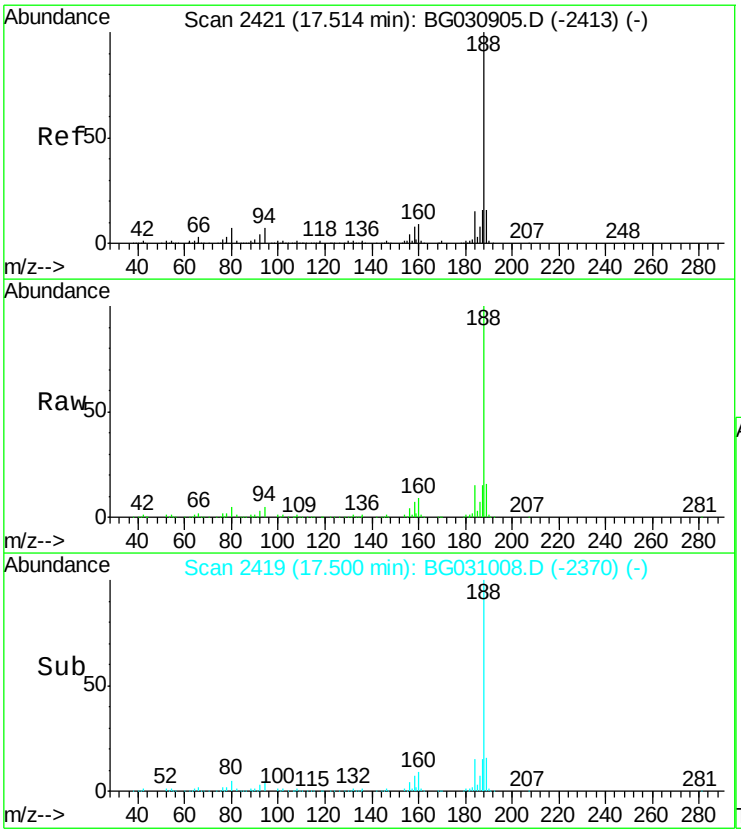
#44
2-Fluorobiphenyl
Concen: 105.198 ng
RT: 13.39 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7A-7B

Tgt Ion:172 Resp: 760680

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	23.3	19.5	29.3

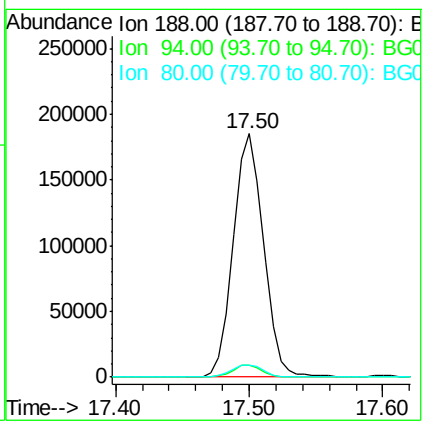


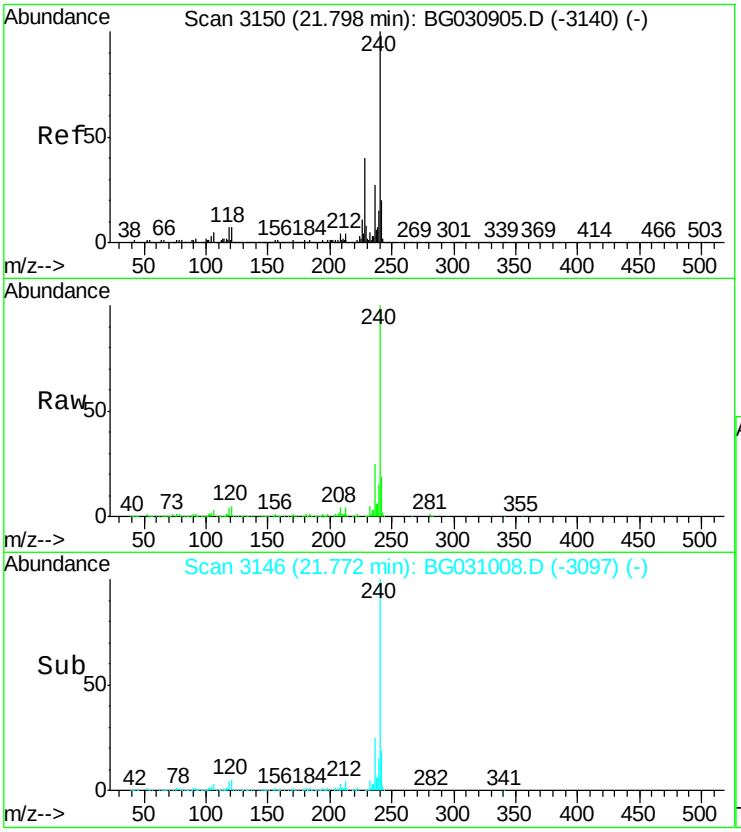


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Tgt Ion:188 Resp: 292049

Ion	Ratio	Lower	Upper
188	100		
94	5.0	6.9	10.3#
80	4.8	7.7	11.5#



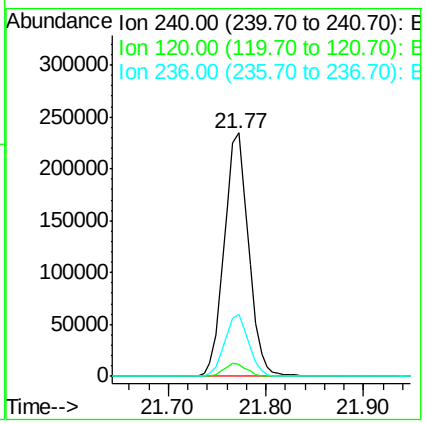


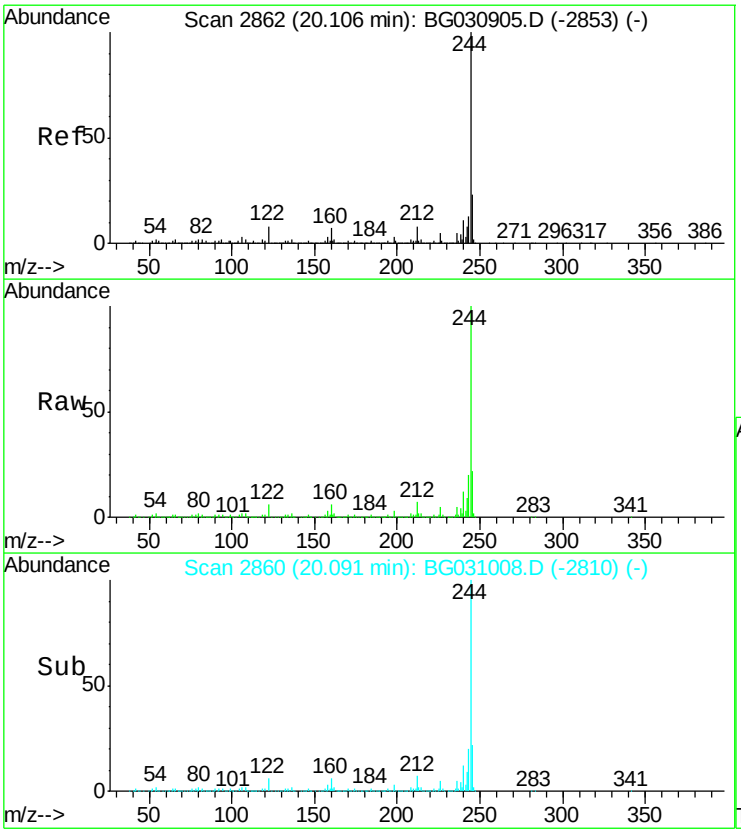
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7A-7B

Tgt Ion:240 Resp: 407405

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.8	10.2#
236	25.2	20.9	31.3

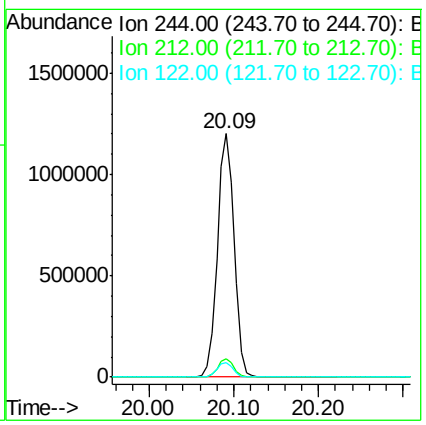


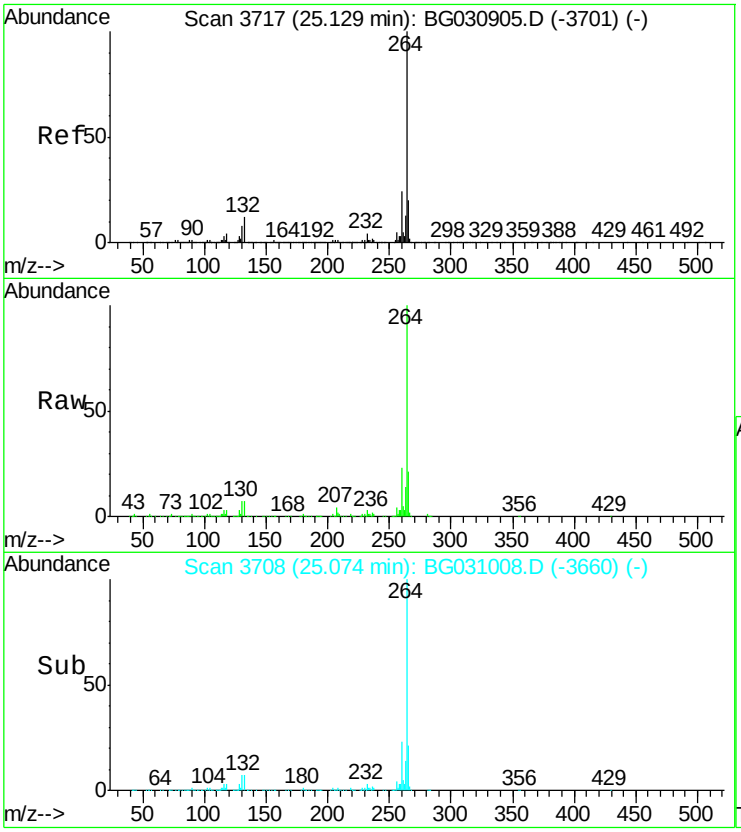


#78
Terphenyl-d14
Concen: 89.773 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Tgt Ion:244 Resp: 1656366

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	6.2	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG031008.D
Acq: 15 Nov 2017 10:33

Instrument :
BNA_G
ClientSampleId :
TP-7A-7B

Tgt Ion:264 Resp: 410389

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.4	17.7	26.5