Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
Data File : BG029030.D
Acq On : 4 Oct 2017 7:49
Operator : SJ/JU
Sample : I5517-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PZ-8

Quant Time: Oct 04 11:32:33 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 11:28:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	36210	20.00	ng	0.00
21) Naphthalene-d8	11.06	136	144989	20.00	ng	0.00
38) Acenaphthene-d10	14.87	164	107313	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	279097	20.00	ng	0.00
75) Chrysene-d12	21.93	240	298109	20.00	ng	0.00
86) Perylene-d12	25.35	264	299635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	147399	67.17	ng	0.00
7) Phenol-d6	7.40	99	121658	36.82	ng	0.00
23) Nitrobenzene-d5	9.41	82	327019	107.90	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	307706	173.37	ng	0.00
44) 2-Fluorobiphenyl	13.49	172	827406	102.81	ng	0.00
78) Terphenyl-d14	20.21	244	1502771	107.50	ng	0.00
Target Compounds						Qvalue

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

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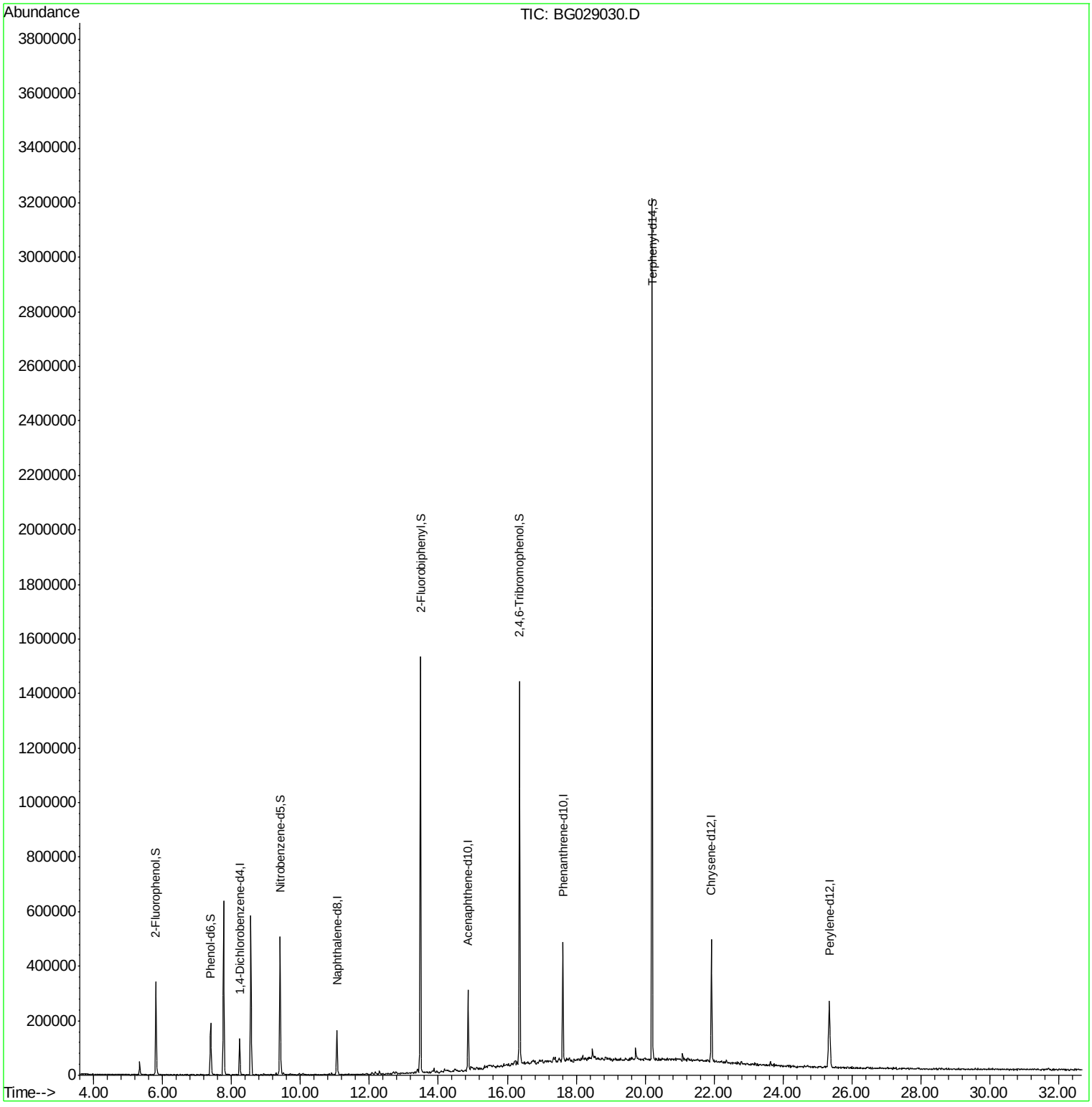
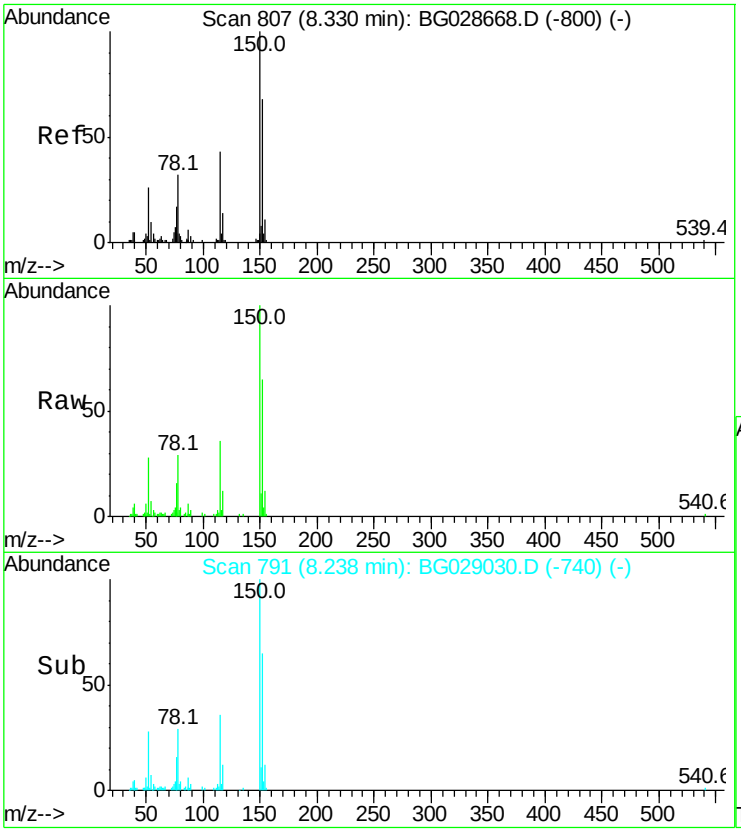


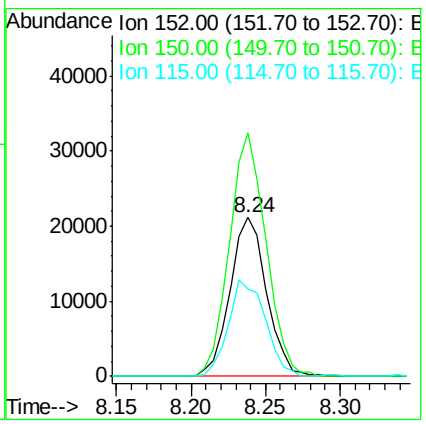


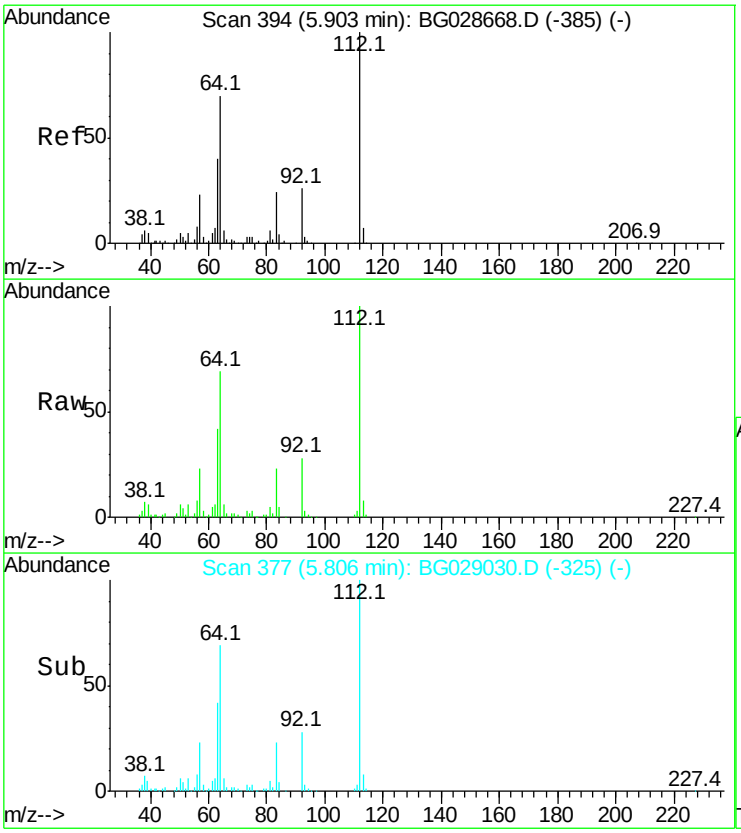
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.24 min Scan# 791
Delta R.T. -0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion:152 Resp: 36210

Ion	Ratio	Lower	Upper
152	100		
150	153.5	114.0	171.0
115	54.7	48.1	72.1

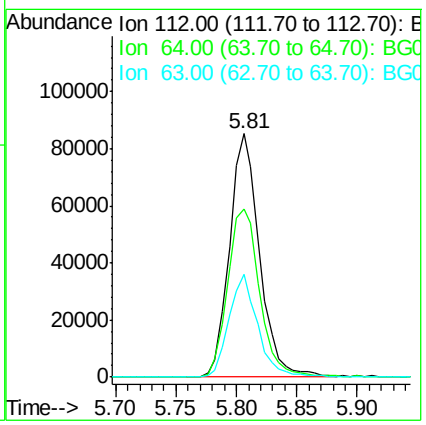


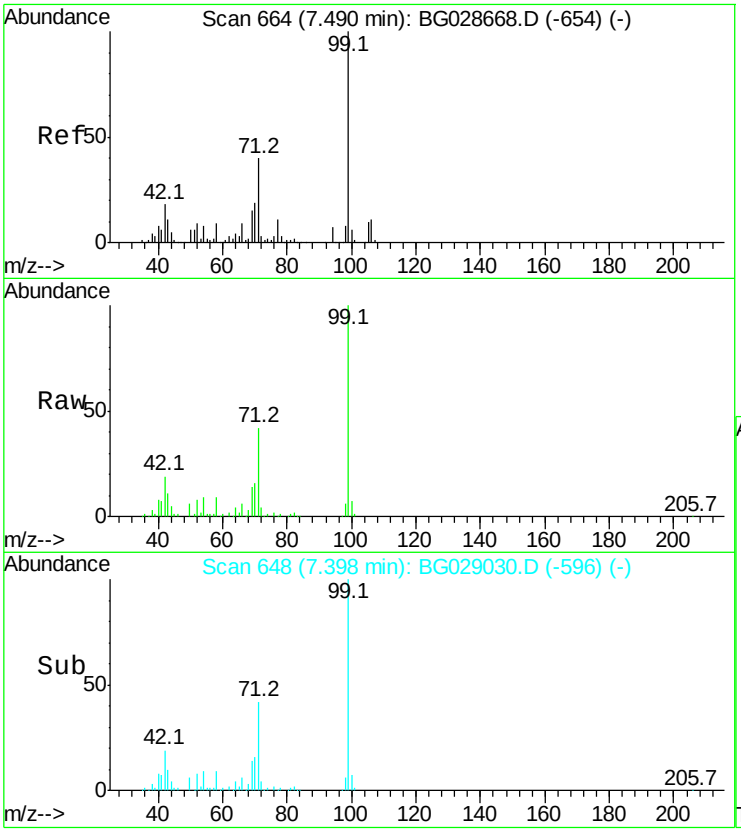


#5
2-Fluorophenol
Concen: 67.168 ng
RT: 5.81 min Scan# 377
Delta R.T. 0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Tgt Ion:112 Resp: 147399

Ion	Ratio	Lower	Upper
112	100		
64	69.2	61.8	92.6
63	42.3	37.2	55.8



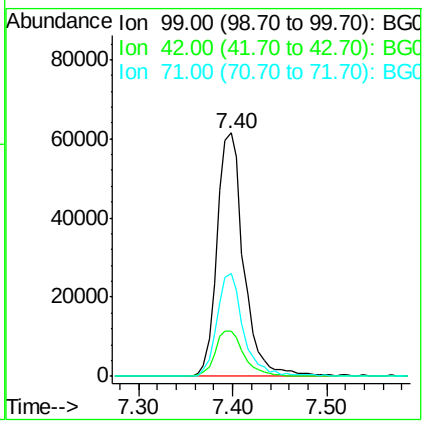


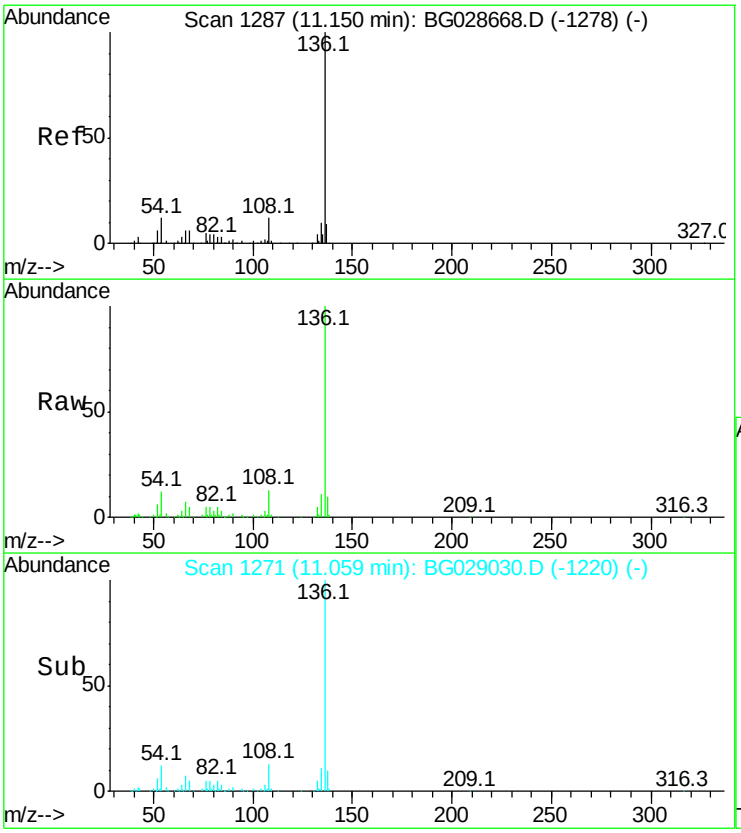
#7
Phenol-d6
Concen: 36.821 ng
RT: 7.40 min Scan# 648
Delta R.T. 0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion: 99 Resp: 121658

Ion	Ratio	Lower	Upper
99	100		
42	18.6	20.5	30.7#
71	42.4	37.6	56.4

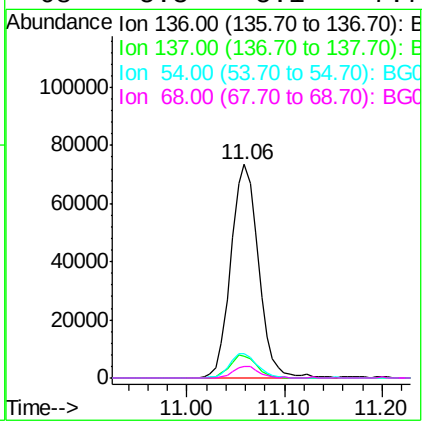


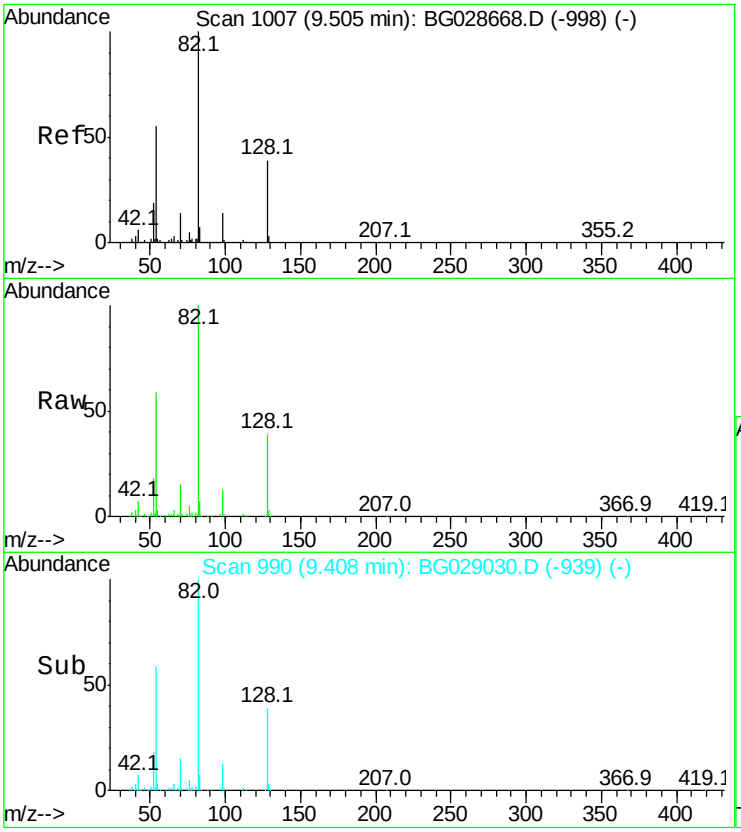


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.06 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Tgt Ion:136 Resp: 144989

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	11.6	9.3	13.9
68	5.3	5.1	7.7



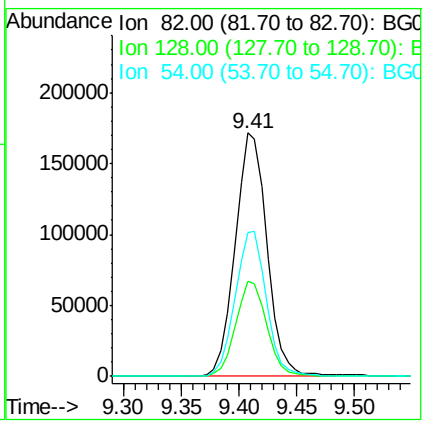


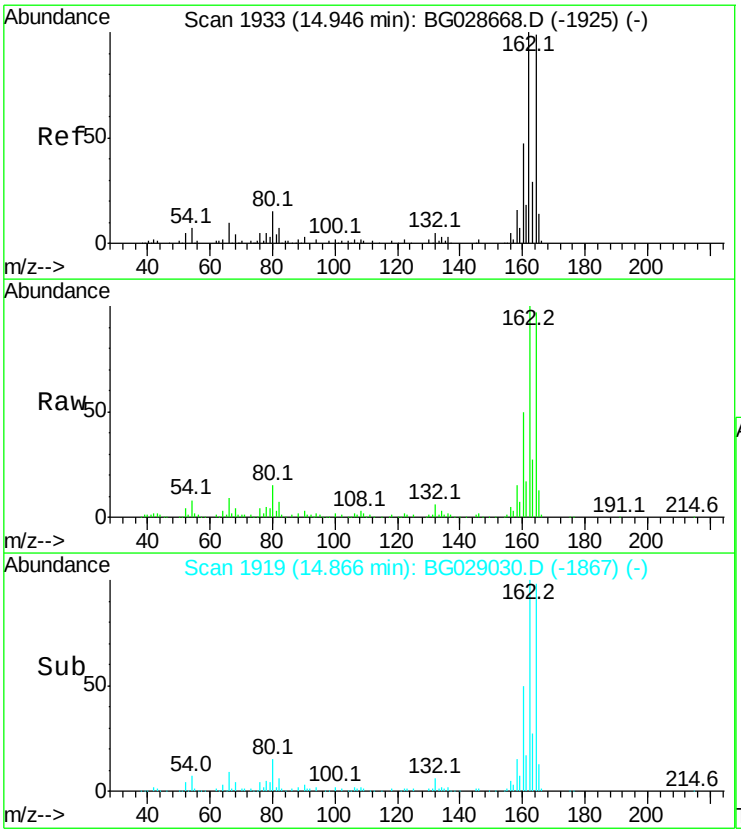
#23
Nitrobenzene-d5
Concen: 107.896 ng
RT: 9.41 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion: 82 Resp: 327019

Ion	Ratio	Lower	Upper
82	100		
128	39.2	26.4	39.6
54	59.1	49.4	74.2

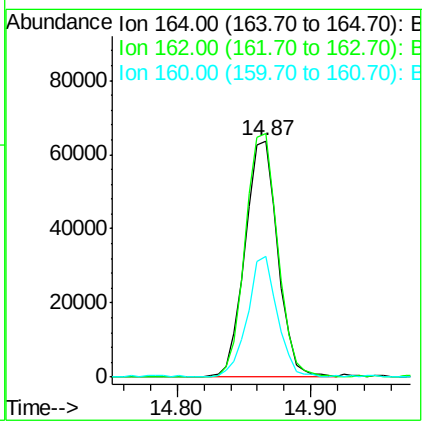


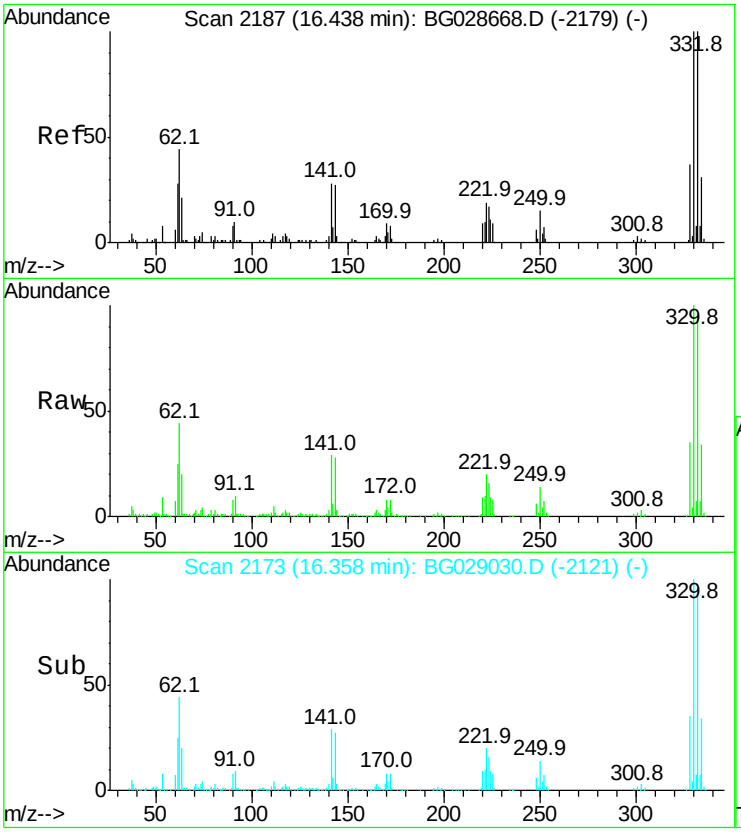


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.87 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Tgt Ion:164 Resp: 107313

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	51.3	34.7	52.1



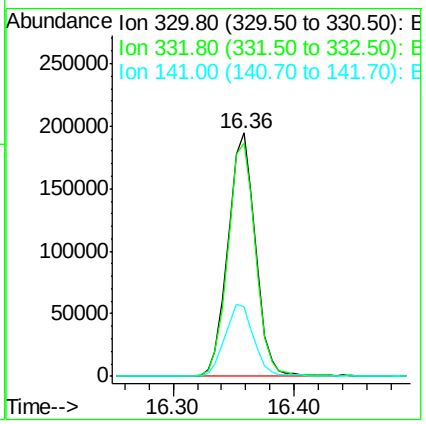


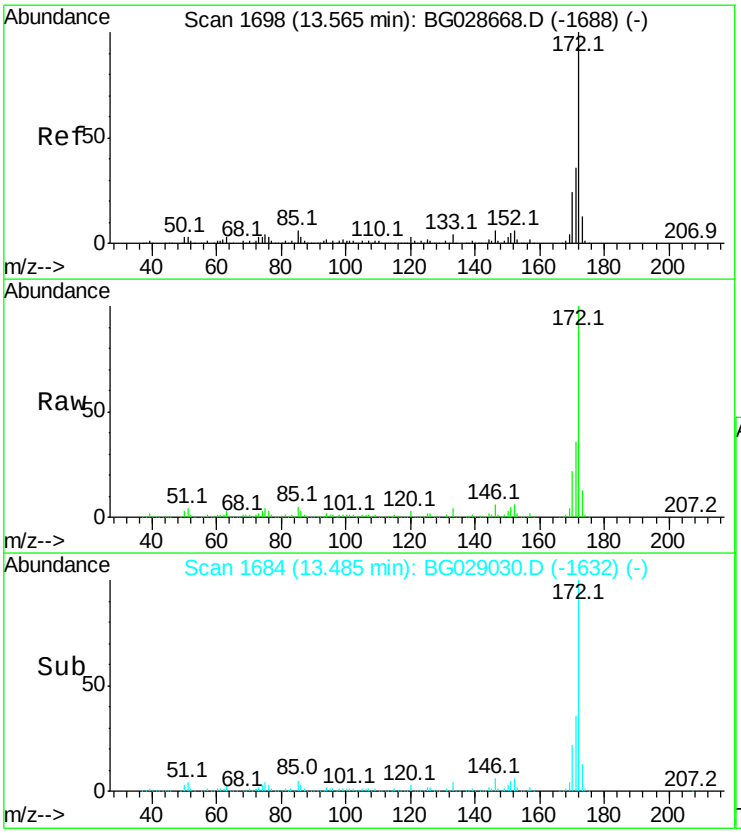
#41
2,4,6-Tribromophenol
Concen: 173.366 ng
RT: 16.36 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion:330 Resp: 307706

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	31.4	32.1	48.1#

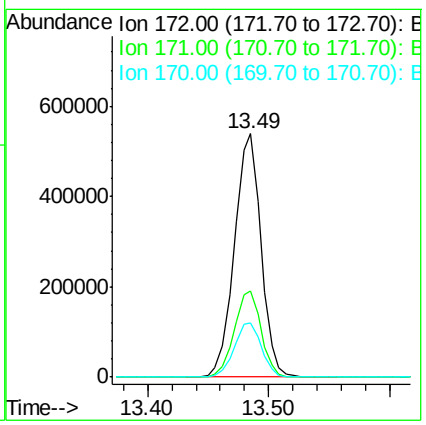


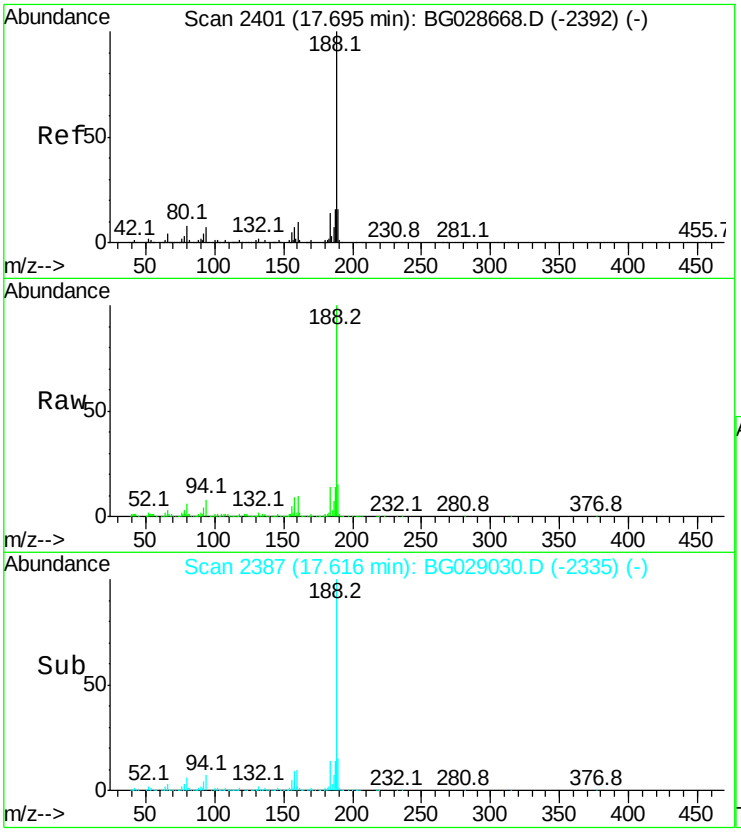


#44
2-Fluorobiphenyl
Concen: 102.810 ng
RT: 13.49 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Tgt Ion:172 Resp: 827406

Ion	Ratio	Lower	Upper
172	100		
171	35.5	32.2	48.2
170	22.3	21.8	32.6



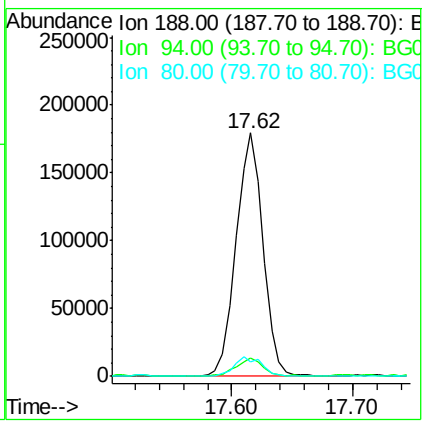


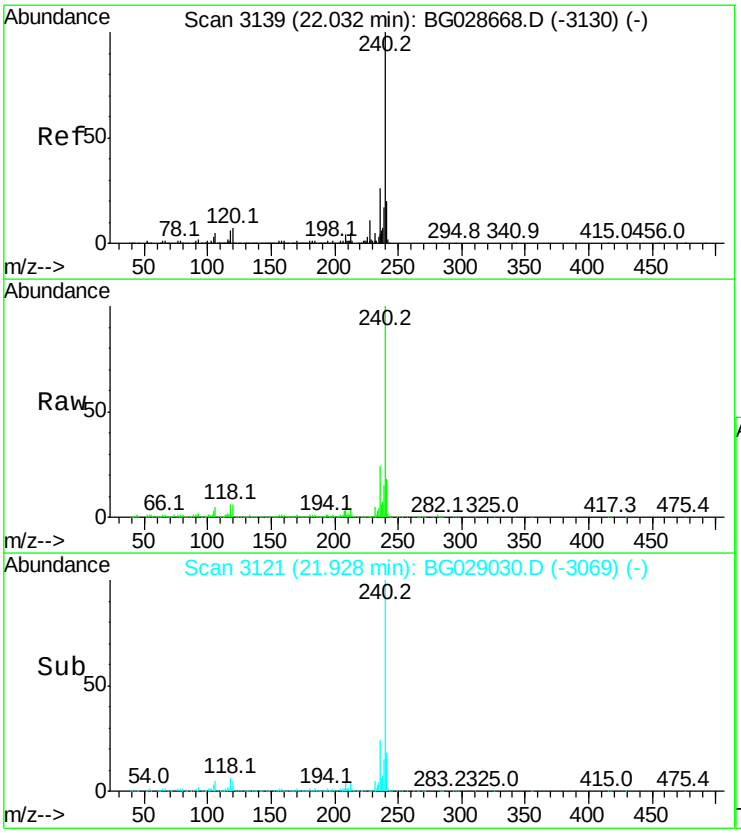
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.62 min Scan# 2387
Delta R.T. 0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion:188 Resp: 279097

Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.8	8.8
80	5.9	7.5	11.3#

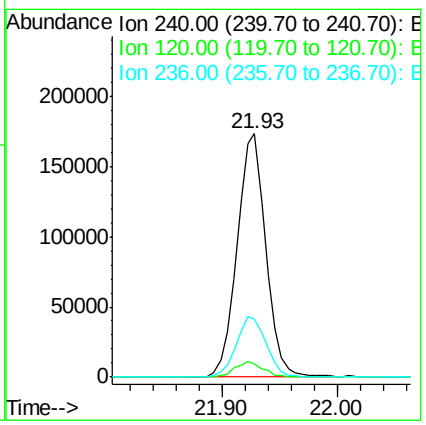


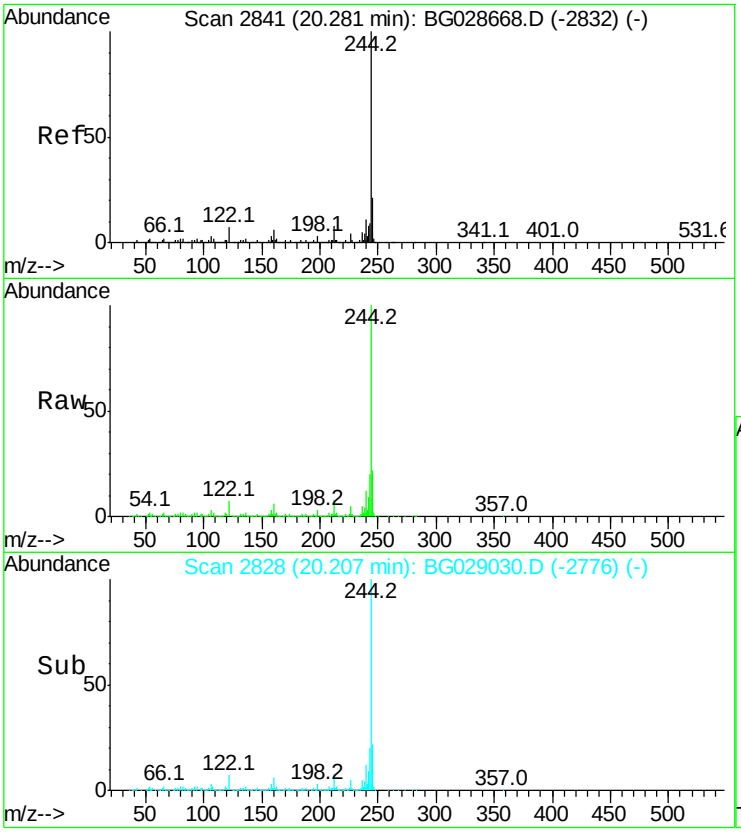


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.93 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Tgt Ion:240 Resp: 298109

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.7	8.5#
236	23.7	22.2	33.4



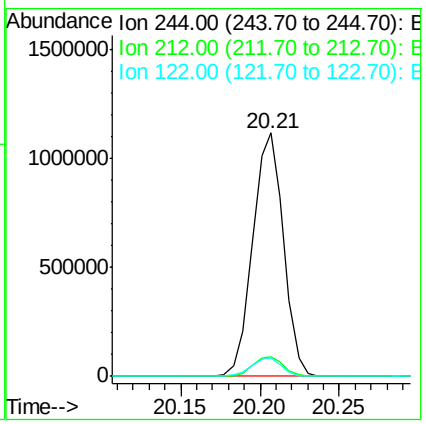


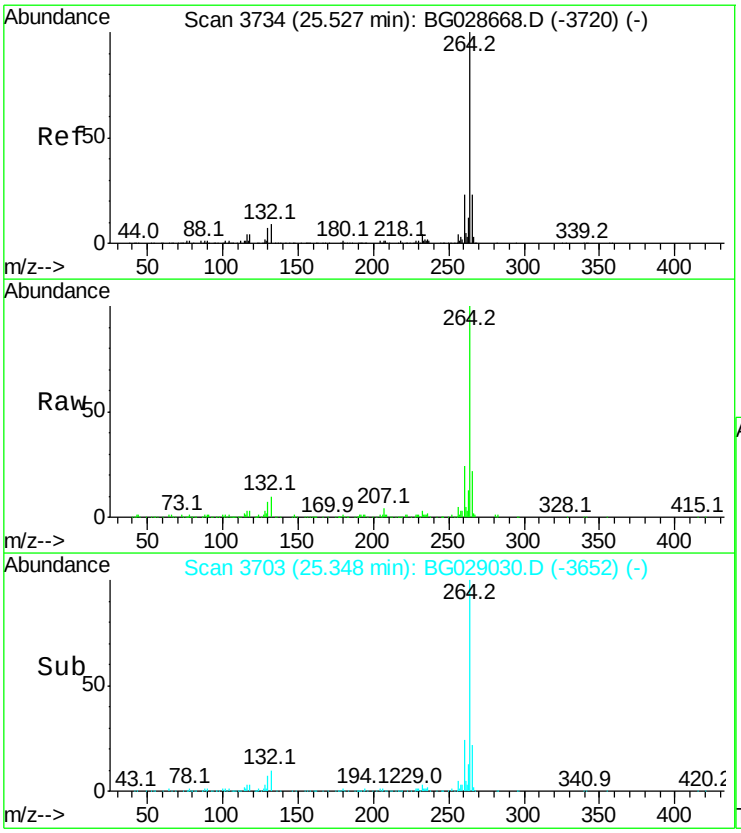
#78
Terphenyl-d14
Concen: 107.503 ng
RT: 20.21 min Scan# 2828
Delta R.T. 0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Instrument :
BNA_G
ClientSampleId :
PZ-8

Tgt Ion:244 Resp: 1502771

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	7.3	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.35 min Scan# 3703
Delta R.T. -0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Tgt Ion:264 Resp: 299635

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	21.8	18.2	27.4