Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
Data File : BG029336.D
Acq On : 18 Oct 2017 16:26
Operator : SJ/JU
Sample : I5906-18DL 25X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WH-TWS-08DL

Quant Time: Oct 18 17:21:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	65111	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	323698	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	210435	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	476472	20.00	ng	0.00
75) Chrysene-d12	21.79	240	507362	20.00	ng	-0.01
86) Perylene-d12	25.10	264	505709	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	17638	4.53	ng	0.00
7) Phenol-d6	7.32	99	24317	4.44	ng	0.00
23) Nitrobenzene-d5	9.33	82	17351	3.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	11818	4.35	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	54822	3.82	ng	0.00
78) Terphenyl-d14	20.11	244	82489	3.70	ng	-0.01
Target Compounds						Qvalue
69) Pentachlorophenol	17.17	266	51668	14.523	ng	96

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

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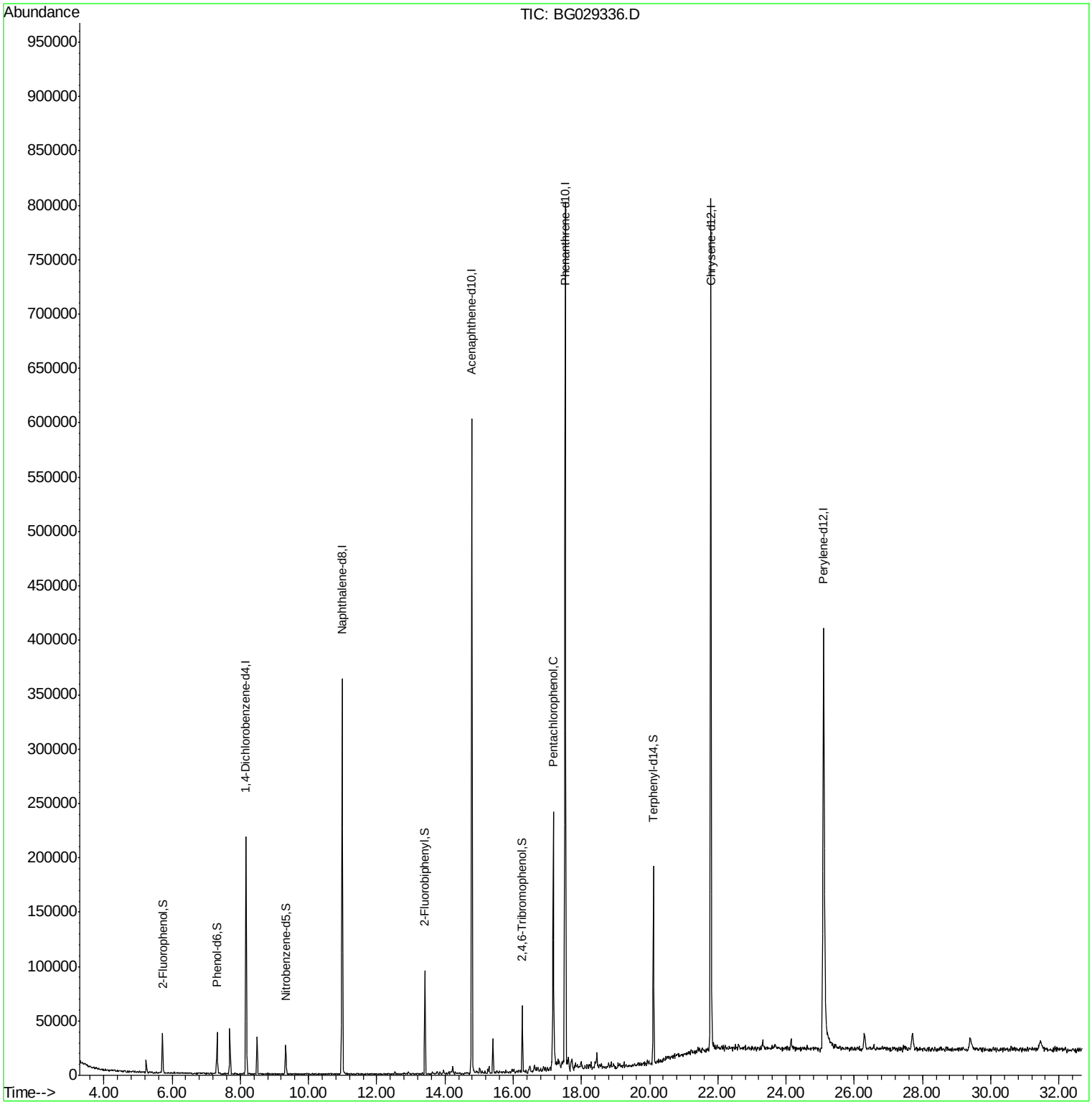
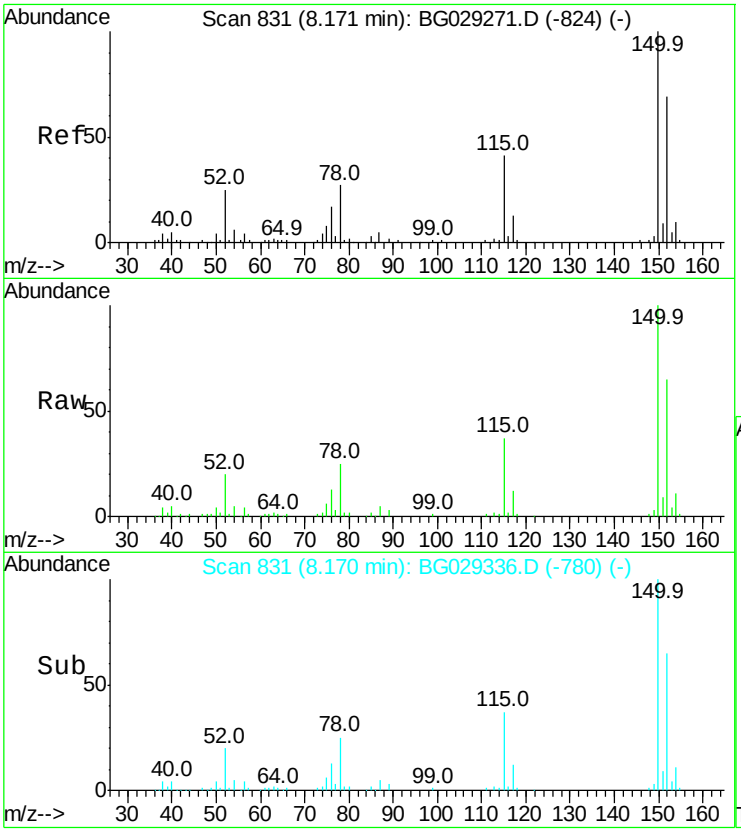


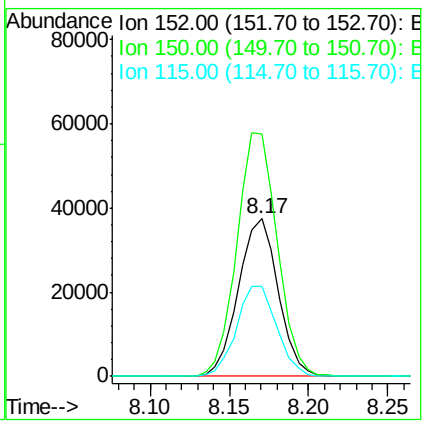


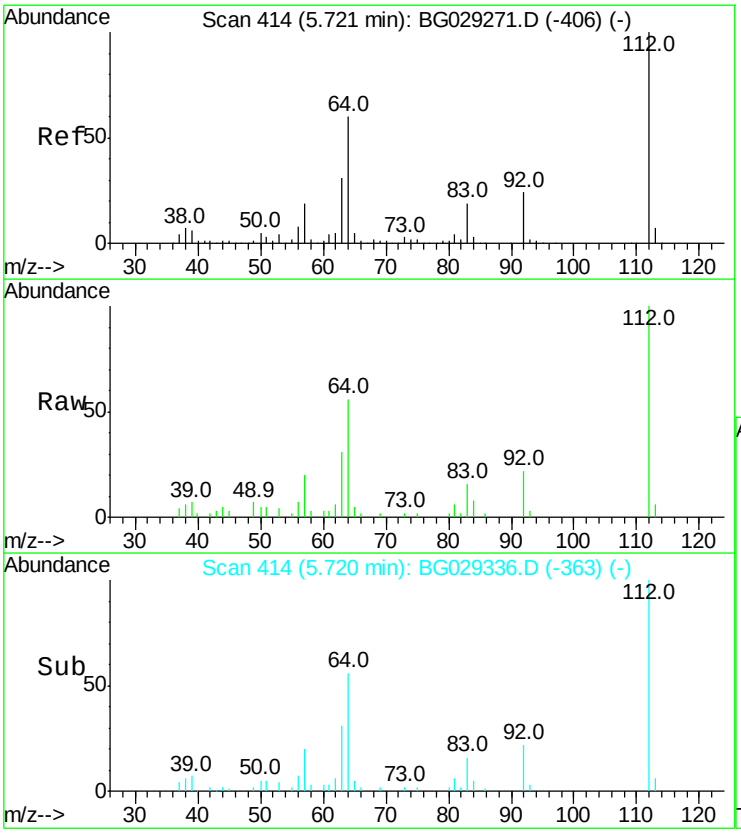
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Instrument :
BNA_G
ClientSampleId :
WH-TWS-08DL

Tgt Ion:152 Resp: 65111

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.6	189.8
115	57.3	53.0	79.4

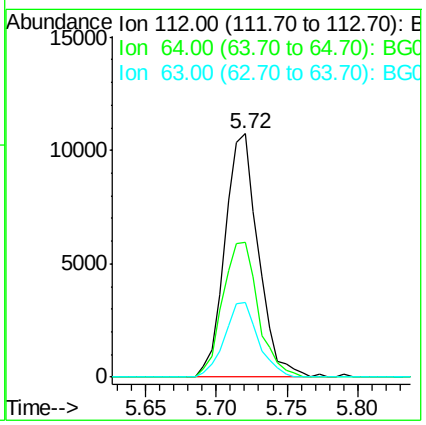


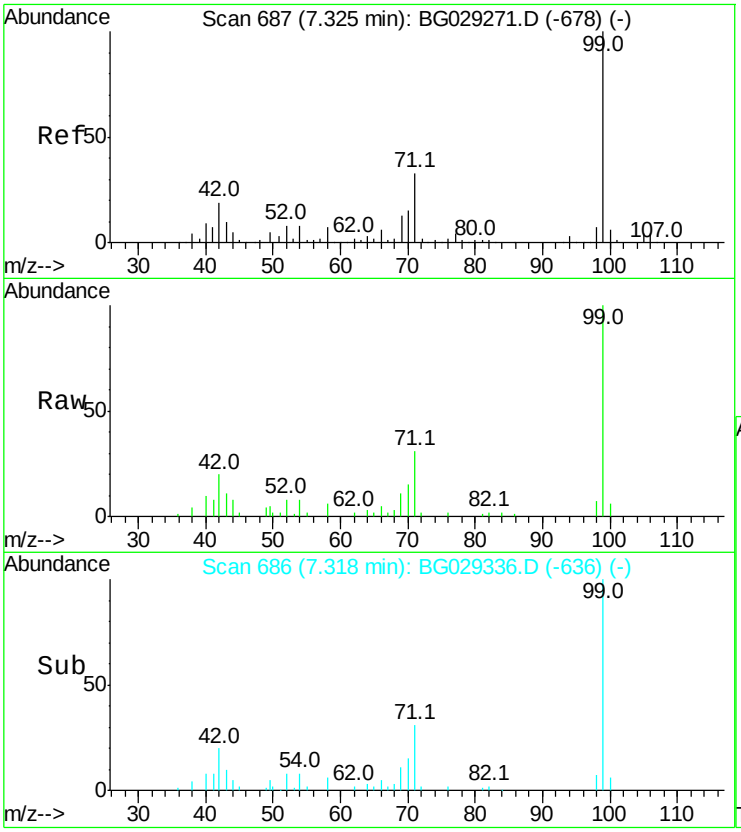


#5
2-Fluorophenol
Concen: 4.525 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Tgt Ion:112 Resp: 17638

Ion	Ratio	Lower	Upper
112	100		
64	55.5	56.3	84.5#
63	30.6	30.1	45.1



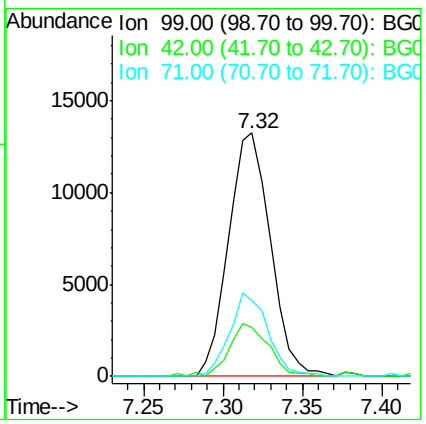


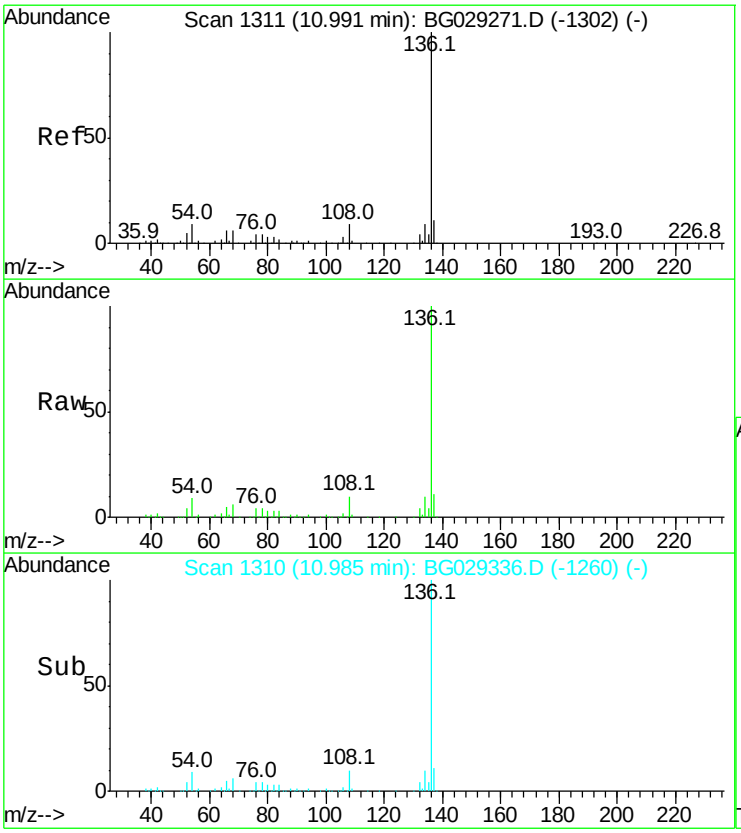
#7
Phenol-d6
Concen: 4.445 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Instrument :
BNA_G
ClientSampleId :
WH-TWS-08DL

Tgt Ion: 99 Resp: 24317

Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.1	21.1
71	31.2	26.1	39.1

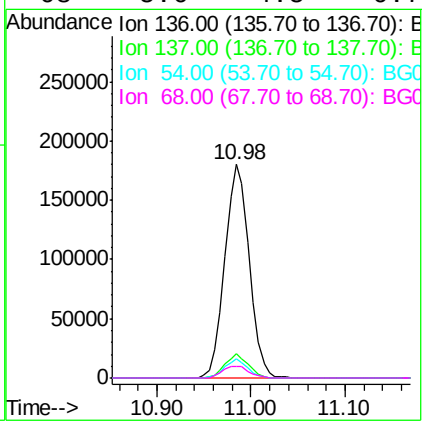


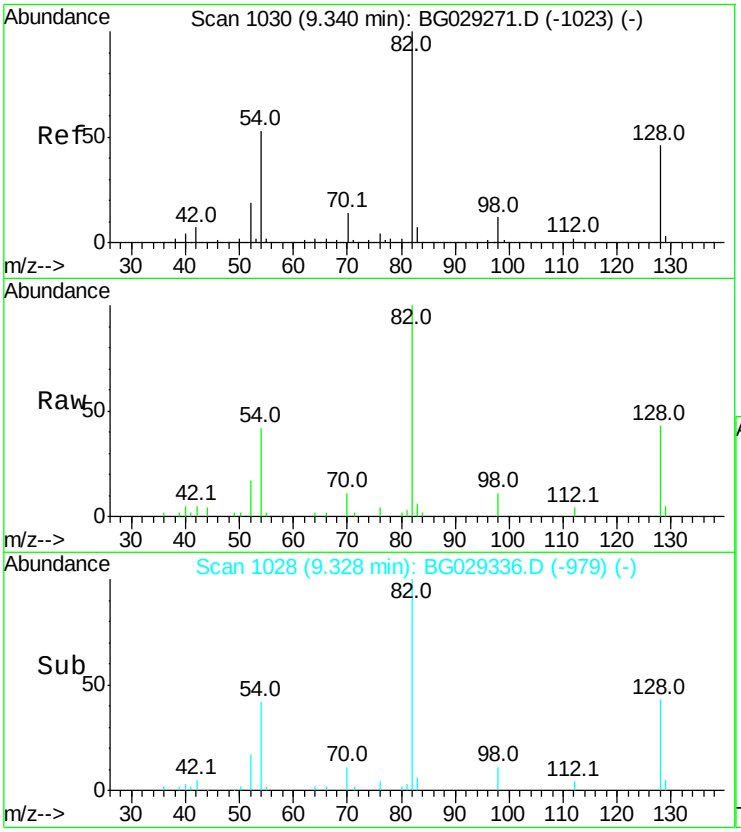


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Tgt Ion:136 Resp: 323698

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.8	10.3	15.5#
68	5.6	4.5	6.7



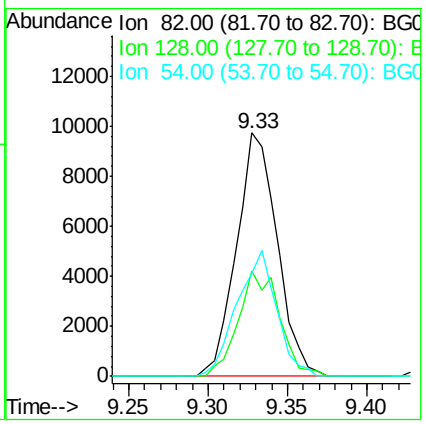


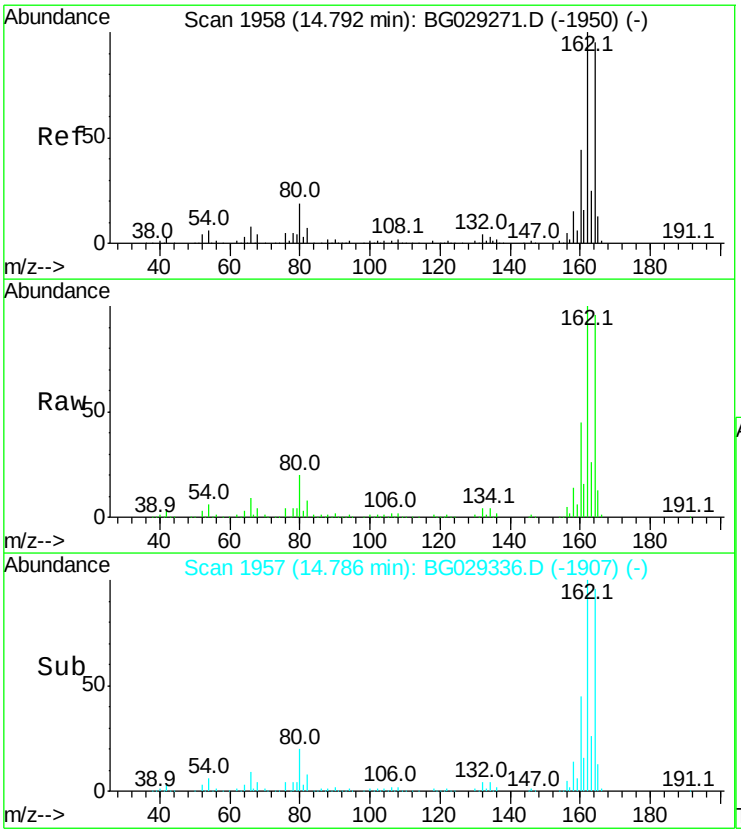
#23
Nitrobenzene-d5
Concen: 3.406 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Instrument :
BNA_G
ClientSampleId :
WH-TWS-08DL

Tgt Ion: 82 Resp: 17351

Ion	Ratio	Lower	Upper
82	100		
128	43.3	29.7	44.5
54	42.2	43.1	64.7#

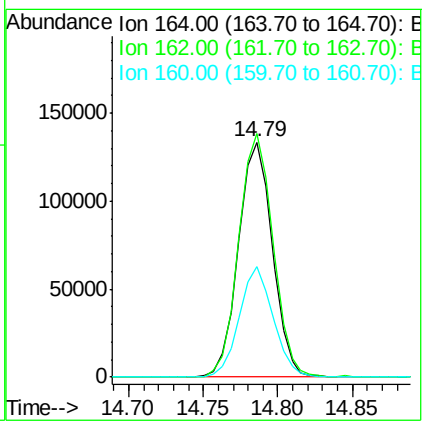


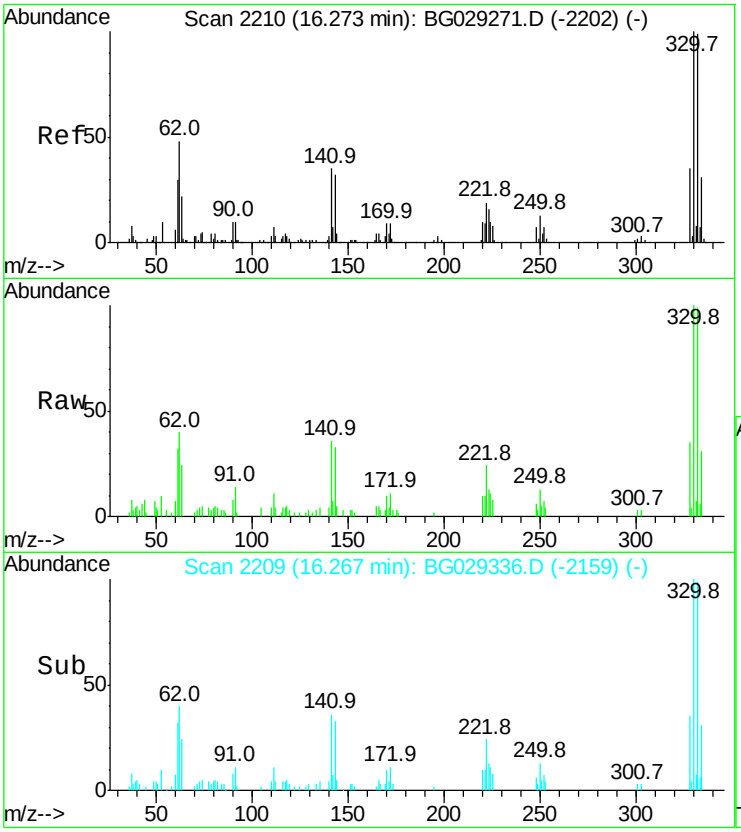


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Tgt Ion:164 Resp: 210435

Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	46.8	35.4	53.0



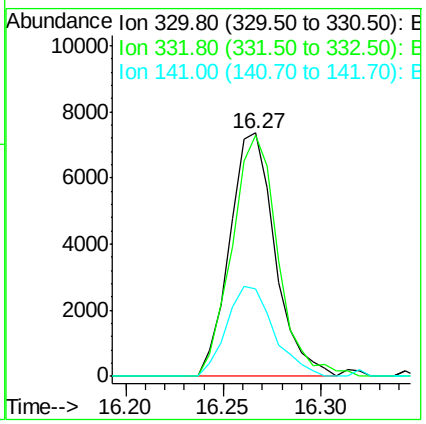


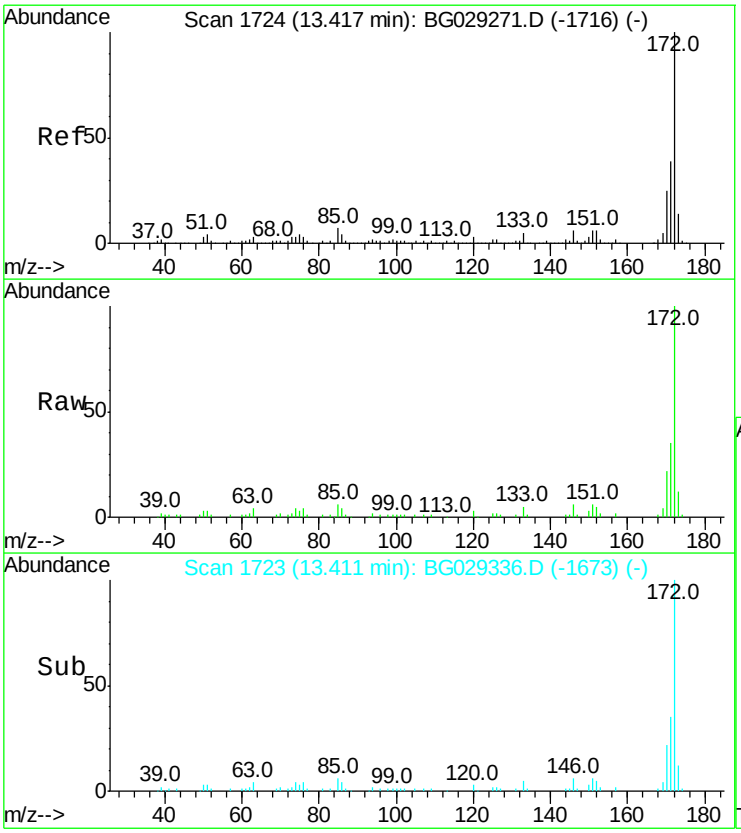
#41
2,4,6-Tribromophenol
Concen: 4.350 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Instrument :
BNA_G
ClientSampleId :
WH-TWS-08DL

Tgt Ion:330 Resp: 11818

Ion	Ratio	Lower	Upper
330	100		
332	100.5	77.0	115.6
141	38.5	25.2	37.8#

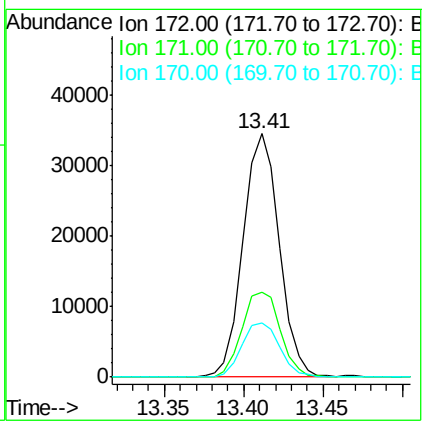


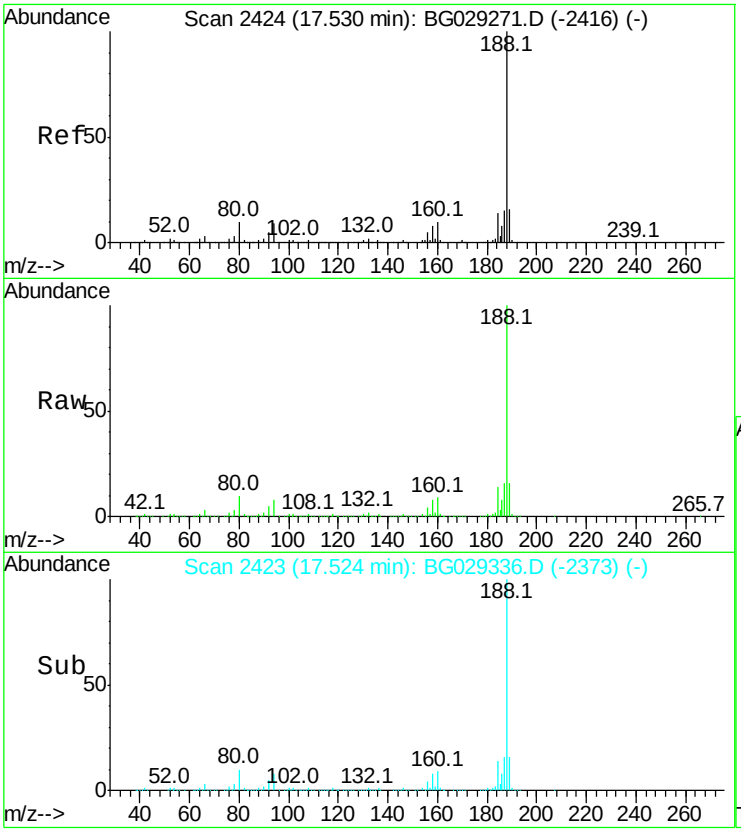


#44
2-Fluorobiphenyl
Concen: 3.821 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Tgt Ion:172 Resp: 54822

Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.0	19.5	29.3



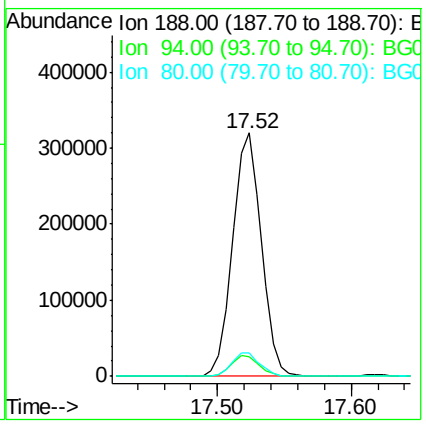


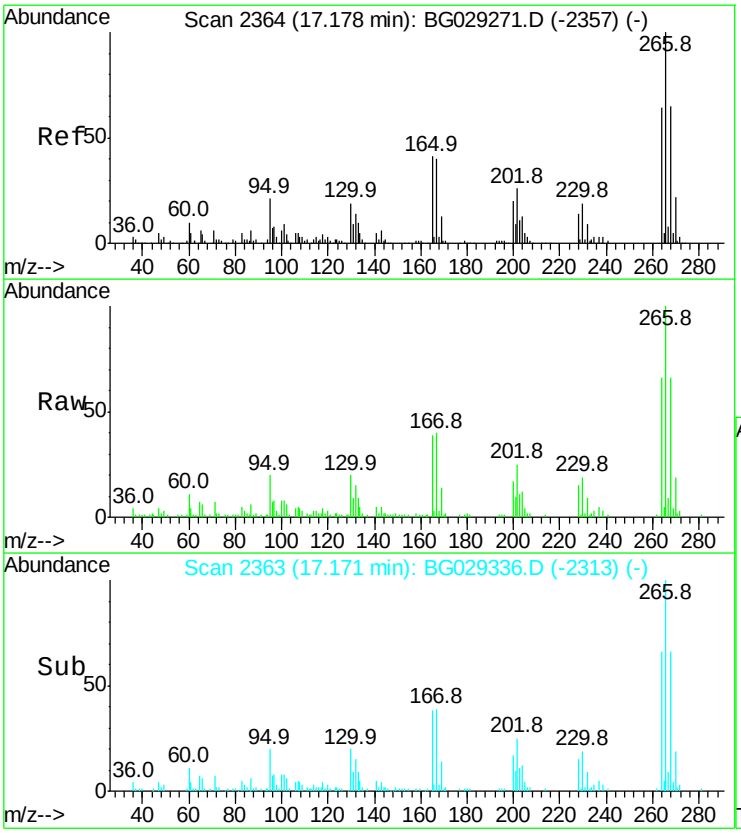
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Instrument :
BNA_G
ClientSampleId :
WH-TWS-08DL

Tgt Ion:188 Resp: 476472

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.7	7.7	11.5

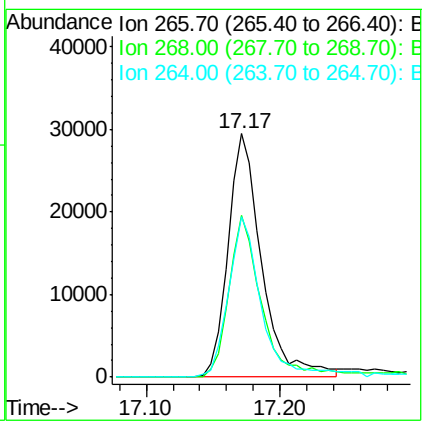


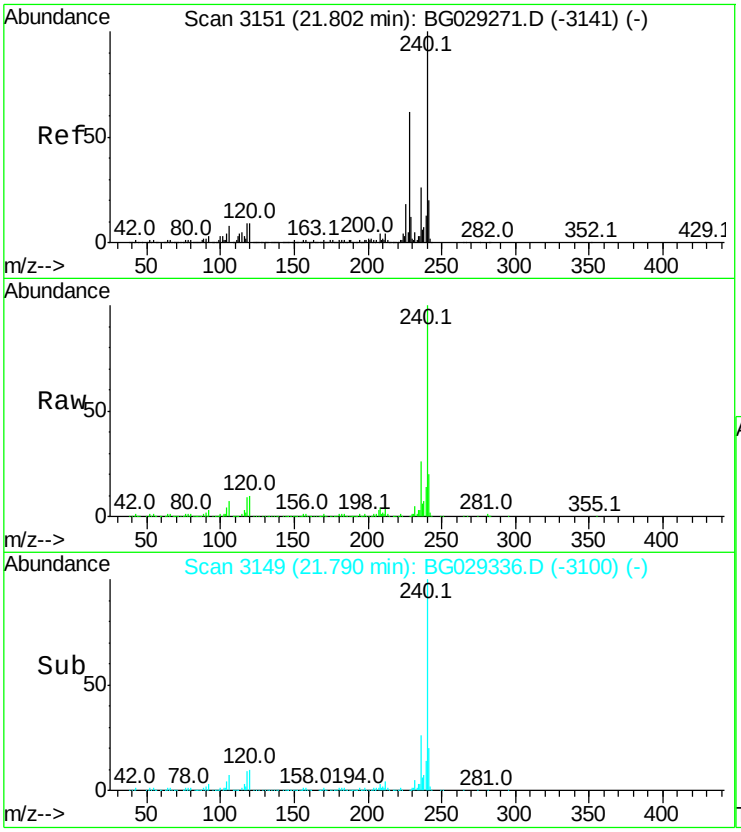


#69
Pentachlorophenol
Concen: 14.523 ng
RT: 17.17 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Tgt Ion:266 Resp: 51668

Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.1	76.7
264	66.1	49.6	74.4



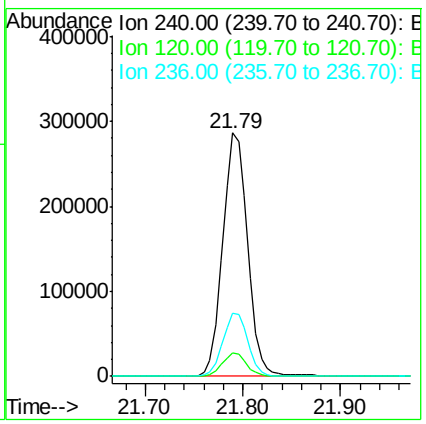


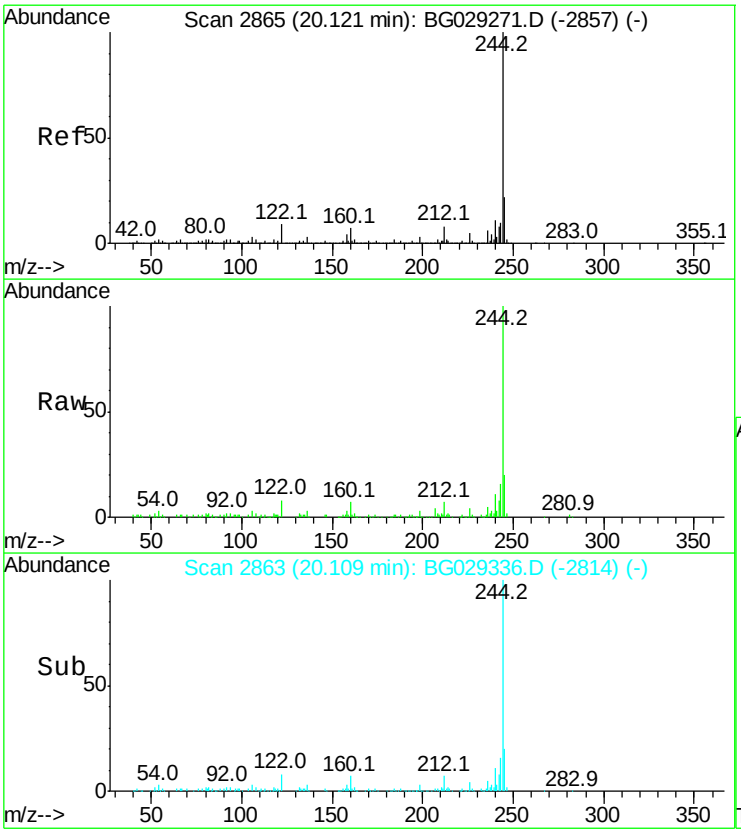
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Instrument :
BNA_G
ClientSampleId :
WH-TWS-08DL

Tgt Ion:240 Resp: 507362

Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.8	10.2
236	25.9	20.9	31.3

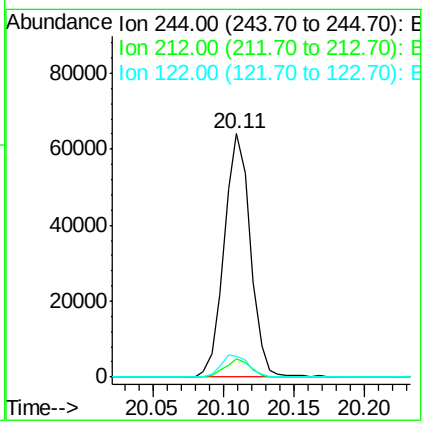


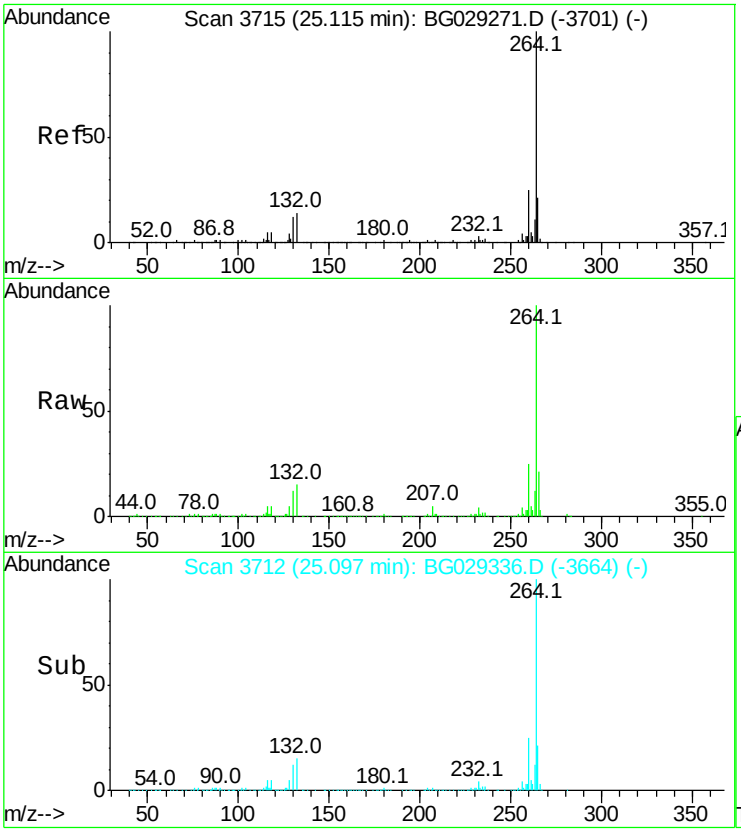


#78
Terphenyl-d14
Concen: 3.699 ng
RT: 20.11 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Tgt Ion:244 Resp: 82489

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	8.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG029336.D
Acq: 18 Oct 2017 16:26

Instrument :
BNA_G
ClientSampleId :
WH-TWS-08DL

Tgt Ion:264 Resp: 505709

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	21.0	17.7	26.5