Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092917\
Data File : BG028969.D
Acq On : 29 Sep 2017 15:02
Operator : SJ/JU
Sample : PB102752BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB102752BL

Quant Time: Sep 29 17:55:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 17:54:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	31382	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	127181	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	92660	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	250917	20.00	ng	0.00
75) Chrysene-d12	21.97	240	283751	20.00	ng	0.00
86) Perylene-d12	25.41	264	286909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	296975	156.15	ng	0.00
7) Phenol-d6	7.44	99	394584	137.80	ng	0.00
23) Nitrobenzene-d5	9.45	82	249466	93.83	ng	0.00
41) 2,4,6-Tribromophenol	16.39	330	214245	139.80	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	647820	93.22	ng	0.00
78) Terphenyl-d14	20.23	244	1227173	92.23	ng	0.00
Target Compounds						Qvalue

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

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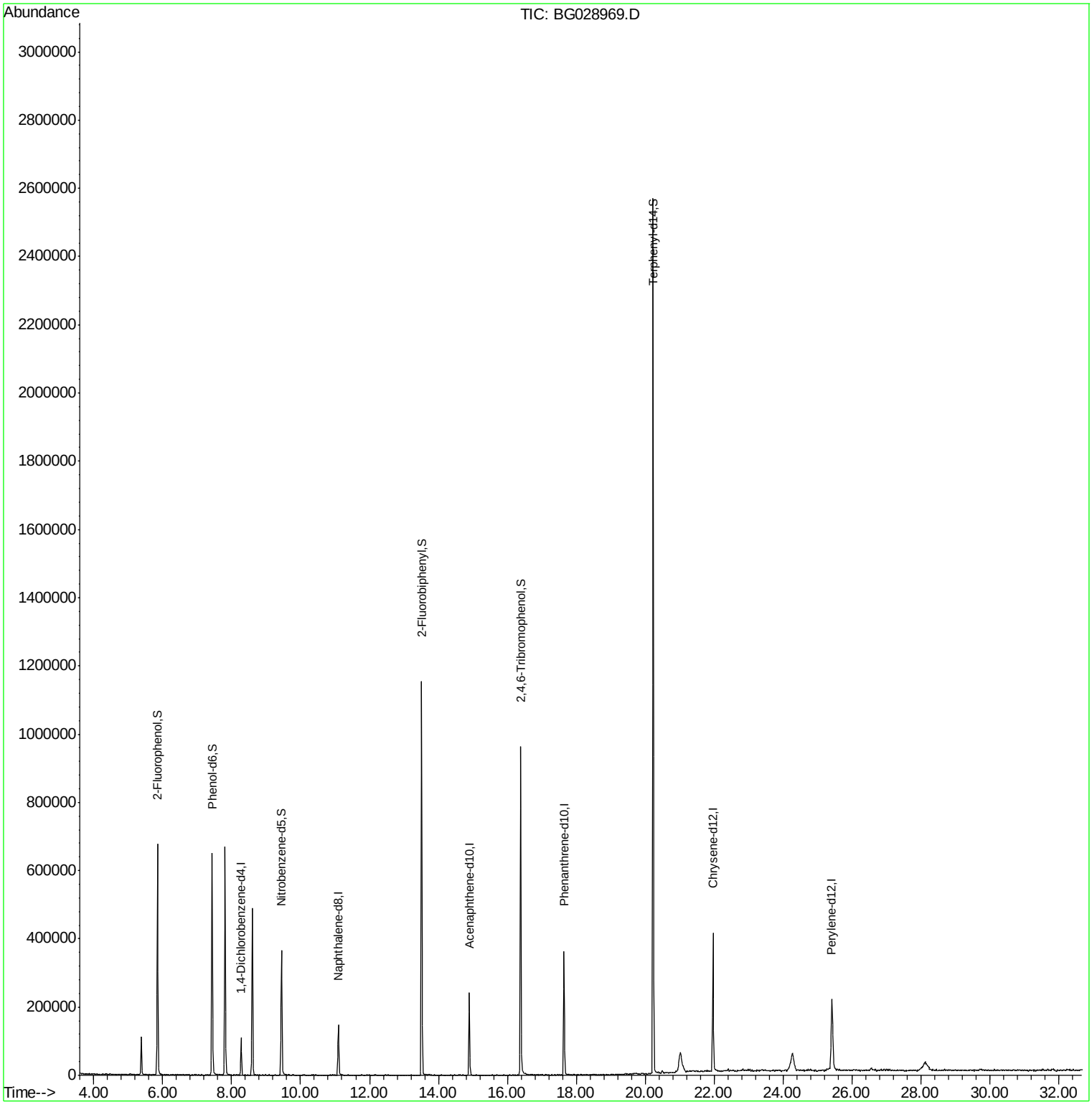
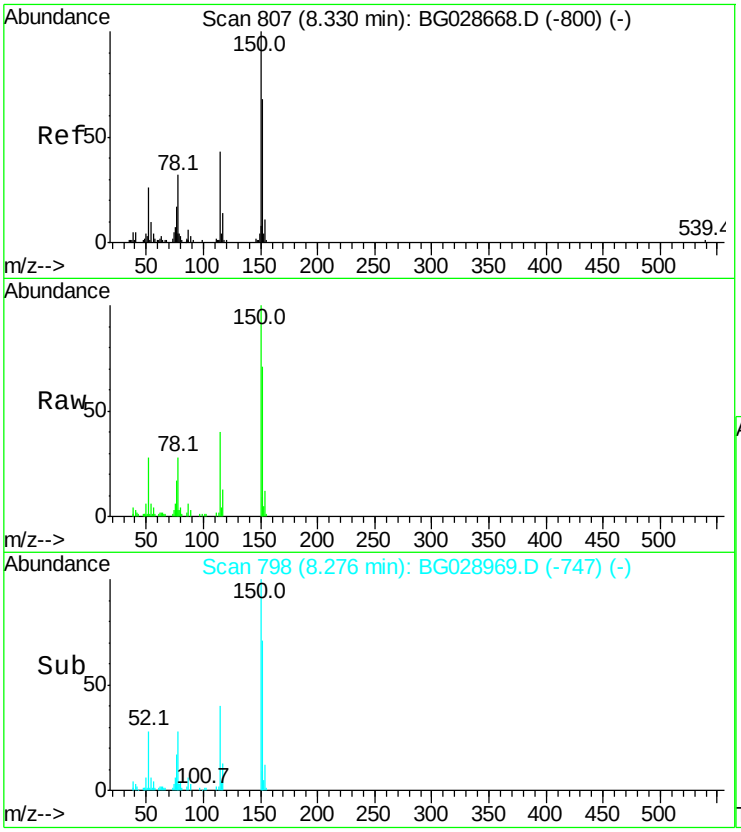


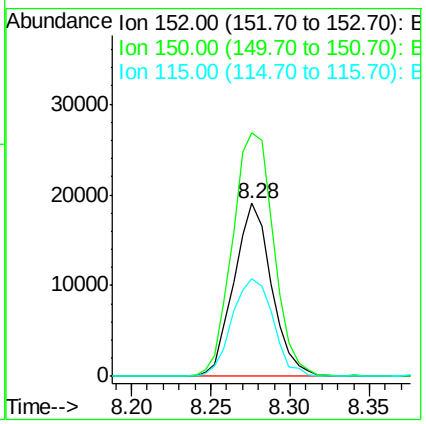


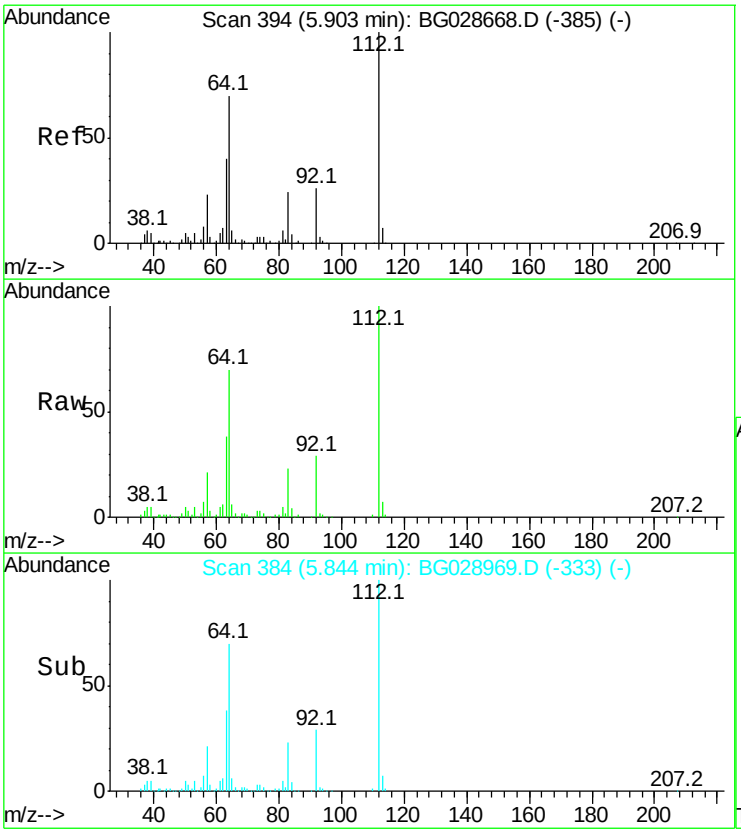
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.00 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Instrument :
BNA_G
ClientSampleId :
PB102752BL

Tgt Ion:152 Resp: 31382

Ion	Ratio	Lower	Upper
152	100		
150	140.7	114.0	171.0
115	56.4	48.1	72.1

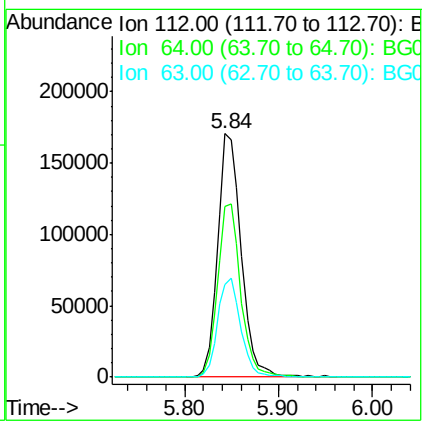


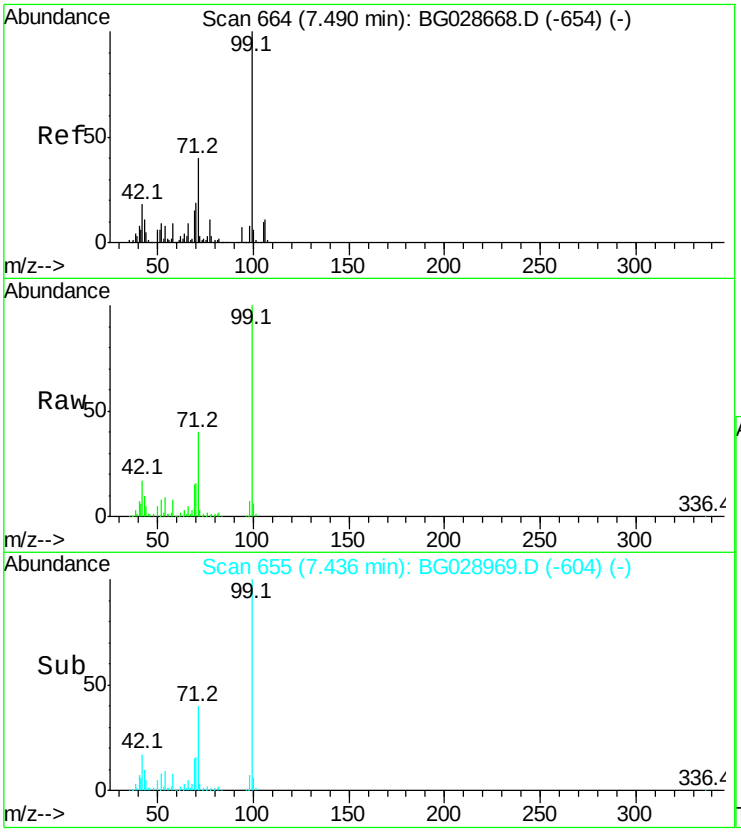


#5
2-Fluorophenol
Concen: 156.148 ng
RT: 5.84 min Scan# 384
Delta R.T. -0.00 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Tgt Ion:112 Resp: 296975

Ion	Ratio	Lower	Upper
112	100		
64	70.2	61.8	92.6
63	37.9	37.2	55.8



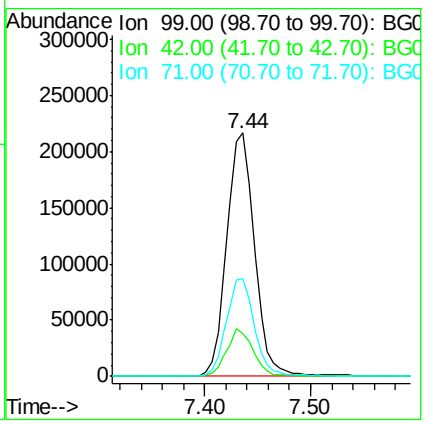


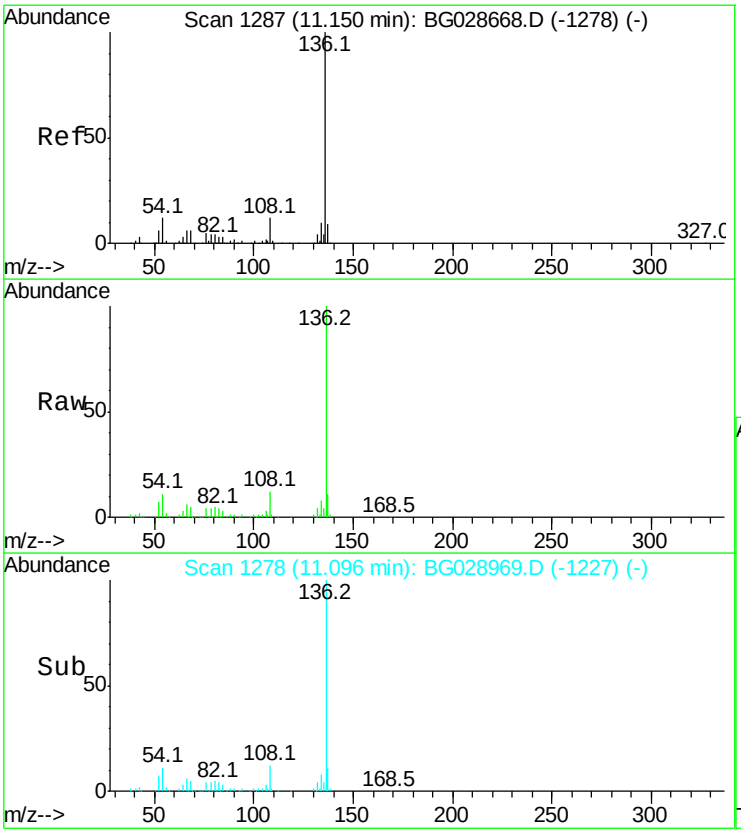
#7
Phenol-d6
Concen: 137.797 ng
RT: 7.44 min Scan# 655
Delta R.T. -0.00 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Instrument :
BNA_G
ClientSampleId :
PB102752BL

Tgt Ion: 99 Resp: 394584

Ion	Ratio	Lower	Upper
99	100		
42	17.3	20.5	30.7#
71	40.0	37.6	56.4

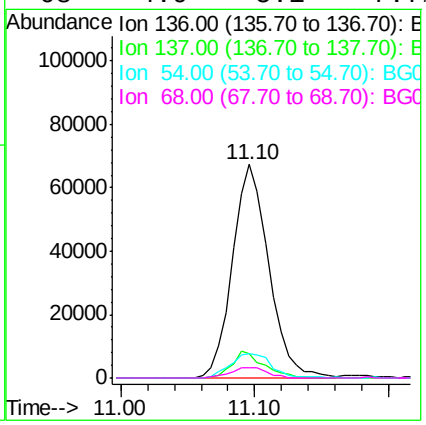


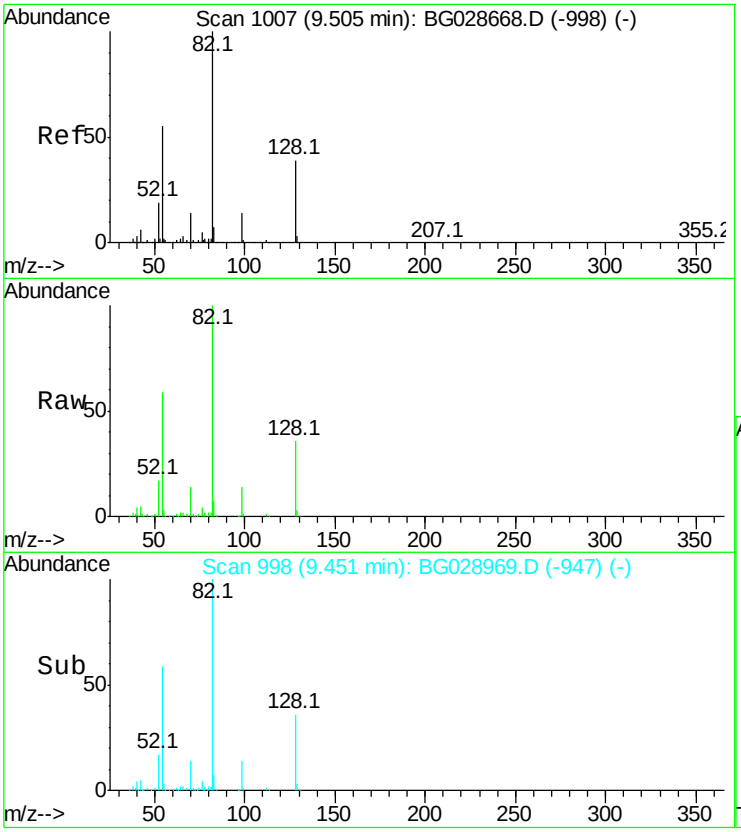


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Tgt Ion:136 Resp: 127181

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	11.4	9.3	13.9
68	4.9	5.1	7.7#



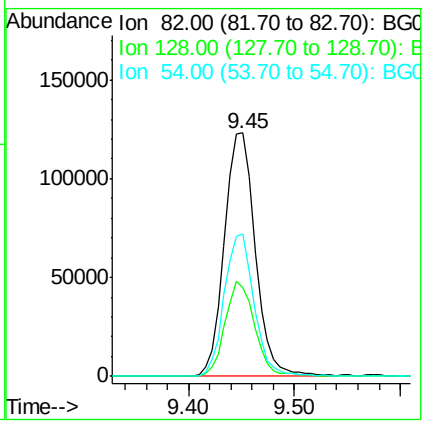


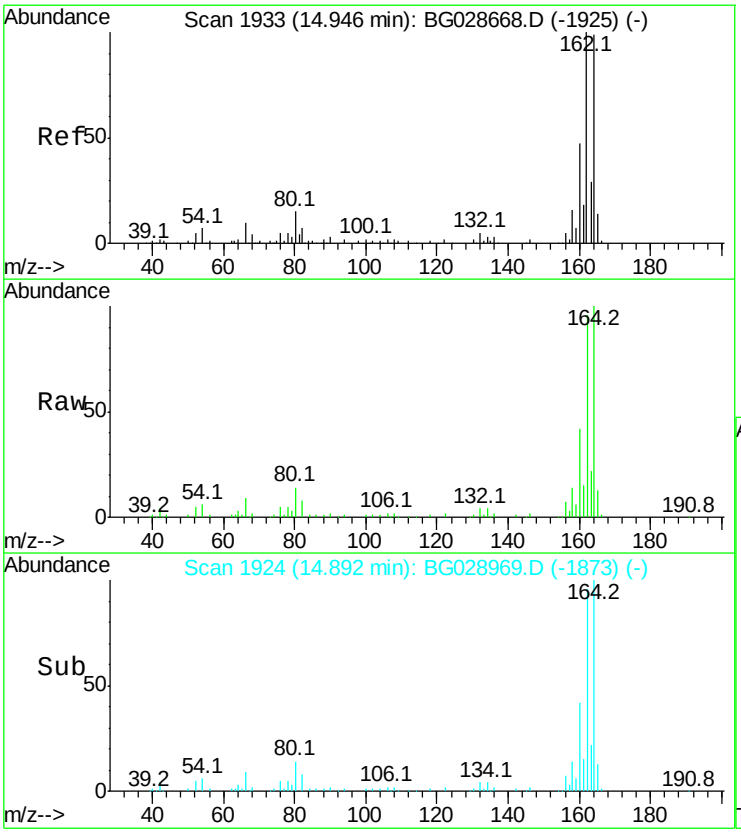
#23
Nitrobenzene-d5
Concen: 93.833 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Instrument :
BNA_G
ClientSampleId :
PB102752BL

Tgt Ion: 82 Resp: 249466

Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.4	39.6
54	58.5	49.4	74.2

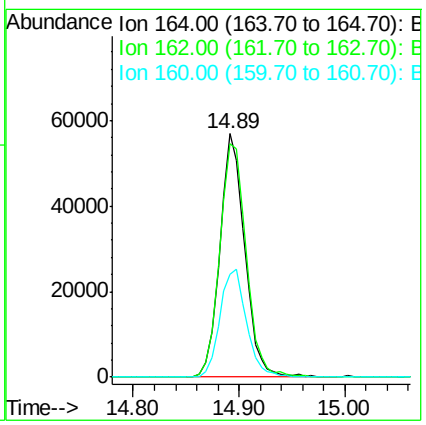


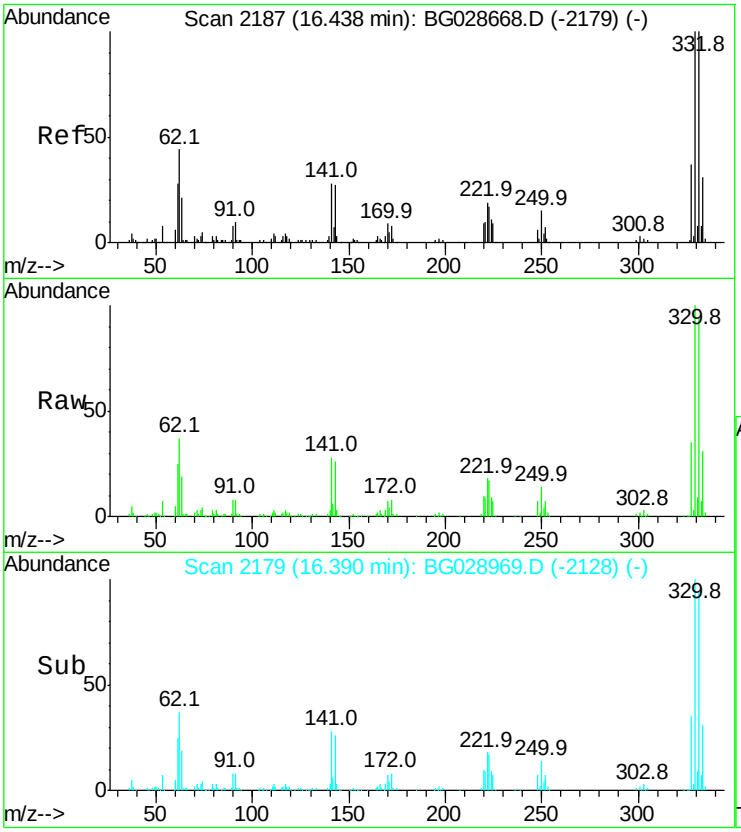


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Tgt Ion:164 Resp: 92660

Ion	Ratio	Lower	Upper
164	100		
162	95.8	85.1	127.7
160	42.2	34.7	52.1



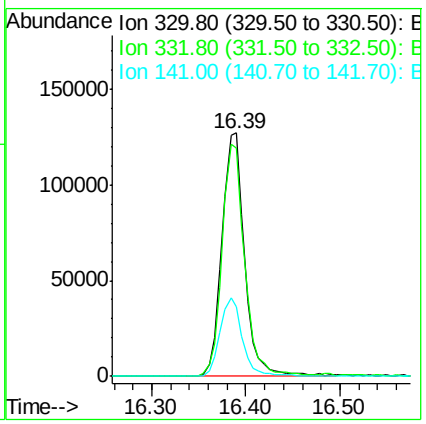


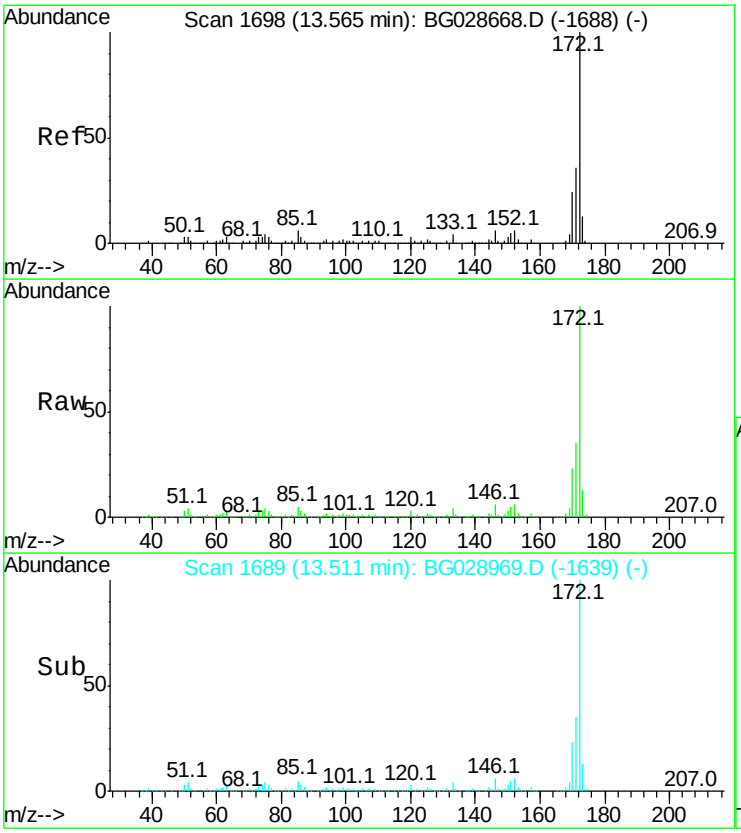
#41
2,4,6-Tribromophenol
Concen: 139.797 ng
RT: 16.39 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Instrument :
BNA_G
ClientSampleId :
PB102752BL

Tgt Ion:330 Resp: 214245

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.3	115.9
141	31.7	32.1	48.1#

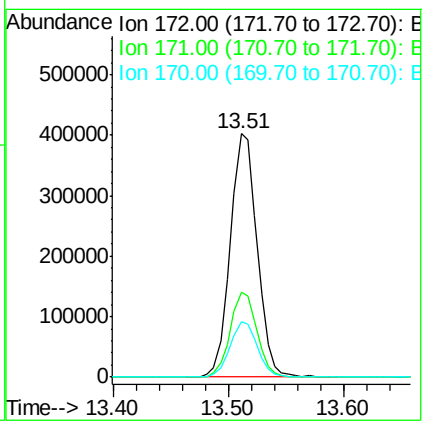


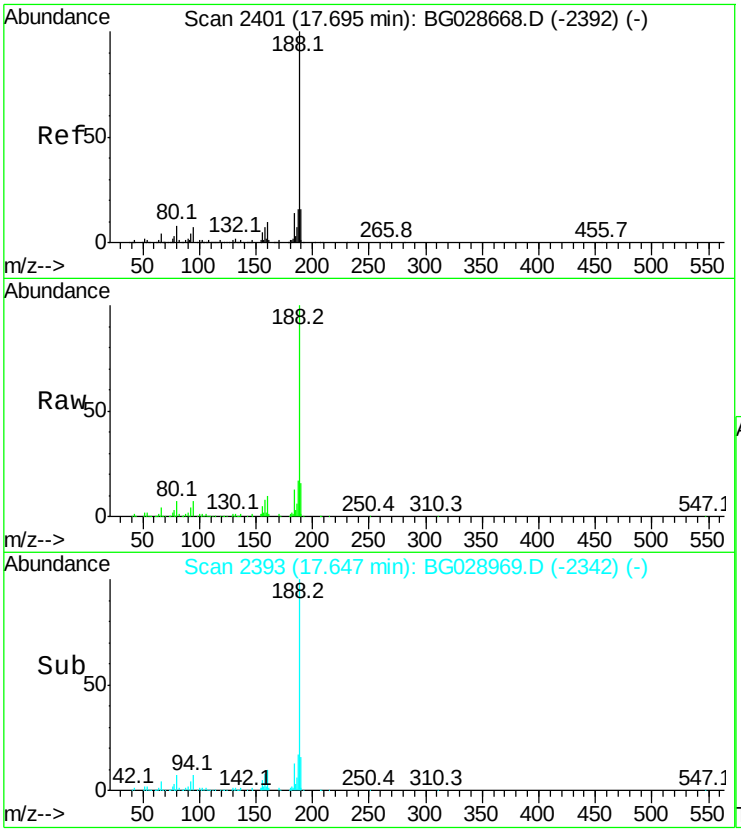


#44
2-Fluorobiphenyl
Concen: 93.224 ng
RT: 13.51 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Tgt Ion:172 Resp: 647820

Ion	Ratio	Lower	Upper
172	100		
171	34.7	32.2	48.2
170	22.8	21.8	32.6



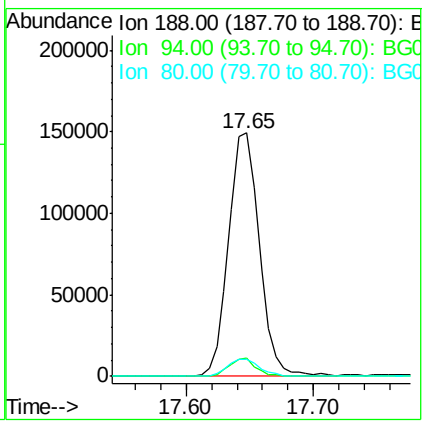


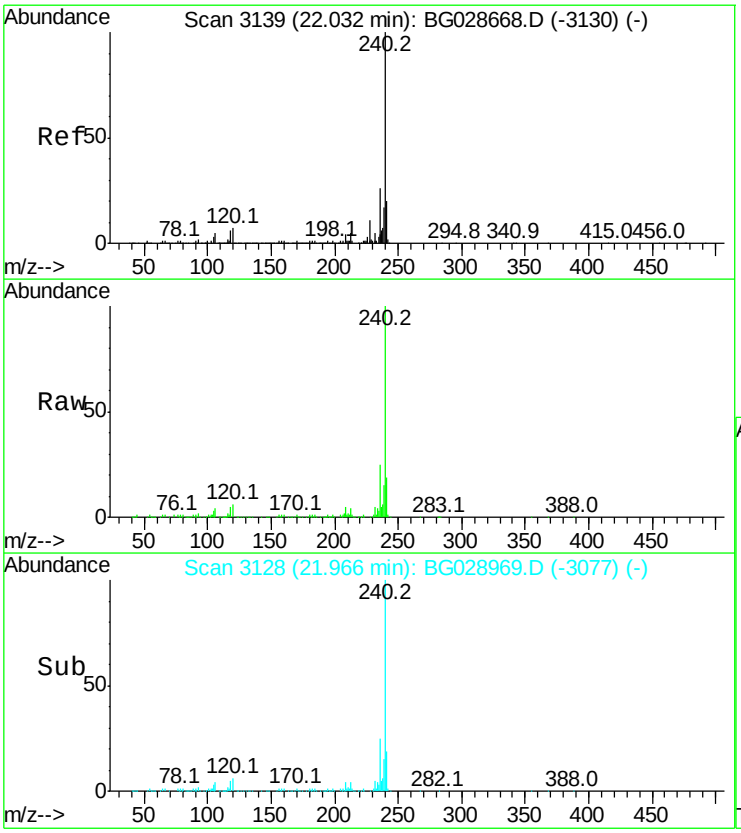
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Instrument :
BNA_G
ClientSampleId :
PB102752BL

Tgt Ion:188 Resp: 250917

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.8
80	6.9	7.5	11.3#

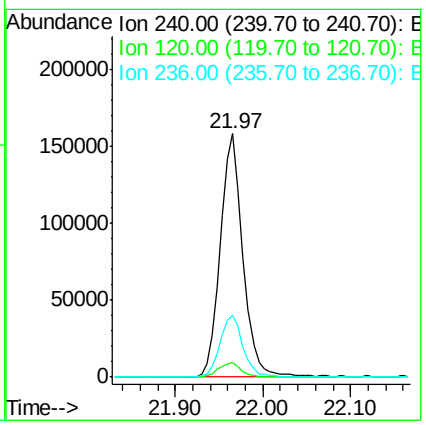


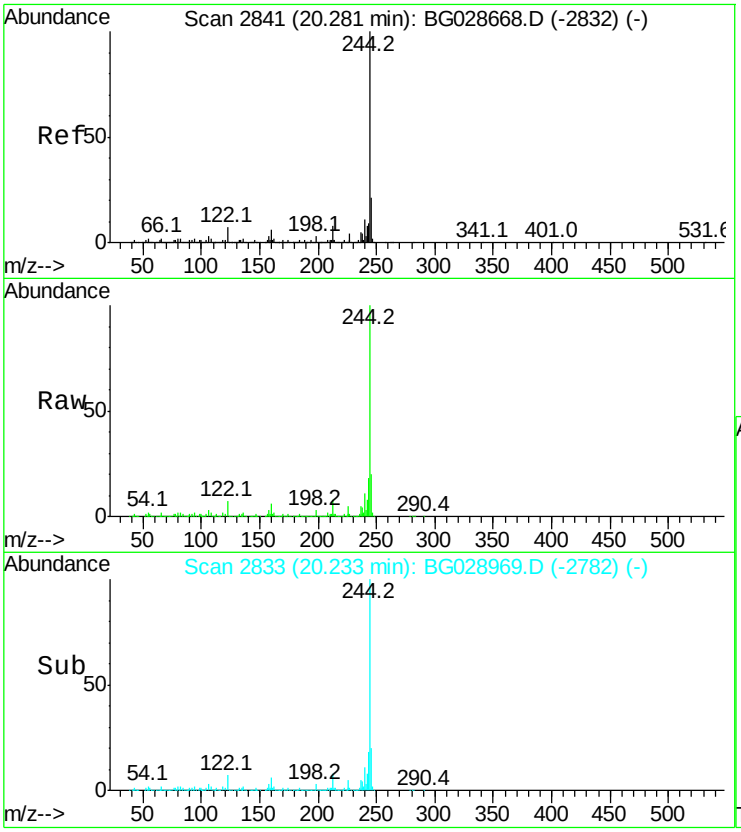


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.97 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Tgt Ion:240 Resp: 283751

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.7	8.5
236	25.3	22.2	33.4



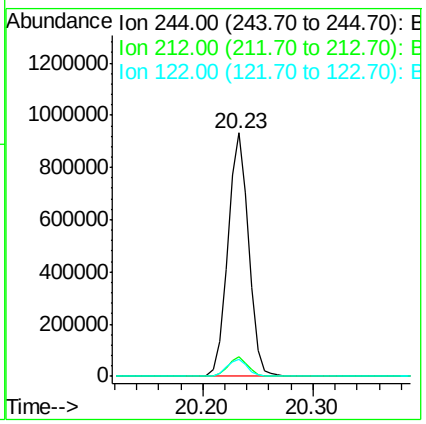


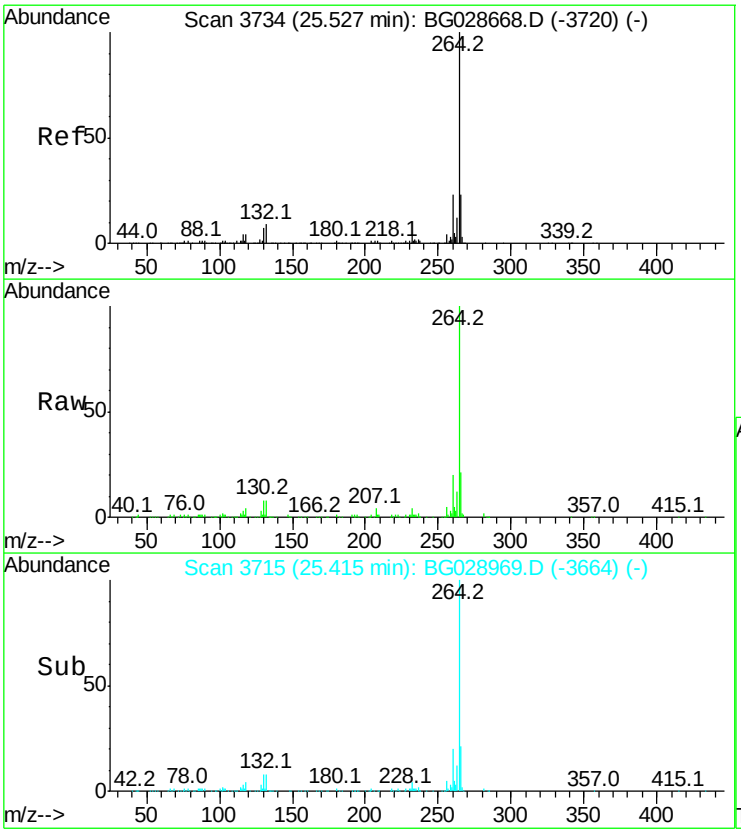
#78
Terphenyl-d14
Concen: 92.230 ng
RT: 20.23 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Instrument : BNA_G
ClientSampleId : PB102752BL

Tgt Ion:244 Resp: 1227173

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	6.9	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.41 min Scan# 3715
Delta R.T. -0.00 min
Lab File: BG028969.D
Acq: 29 Sep 2017 15:02

Tgt Ion:264 Resp: 286909

Ion	Ratio	Lower	Upper
264	100		
260	20.1	21.8	32.8#
265	21.4	18.2	27.4