Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
Data File : BG028830.D
Acq On : 20 Sep 2017 13:57
Operator : SJ/JU
Sample : PB102449BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB102449BL

Quant Time: Sep 21 01:23:29 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	26415	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	112935	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	84093	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	250373	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	275533	20.00	ng	-0.05
86) Perylene-d12	25.46	264	276891	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	226683	141.60	ng	-0.04
7) Phenol-d6	7.44	99	306763	127.27	ng	-0.05
23) Nitrobenzene-d5	9.46	82	189313	80.19	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	187258	134.64	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	515376	81.72	ng	-0.04
78) Terphenyl-d14	20.25	244	1082020	83.75	ng	-0.03
Target Compounds						Qvalue

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

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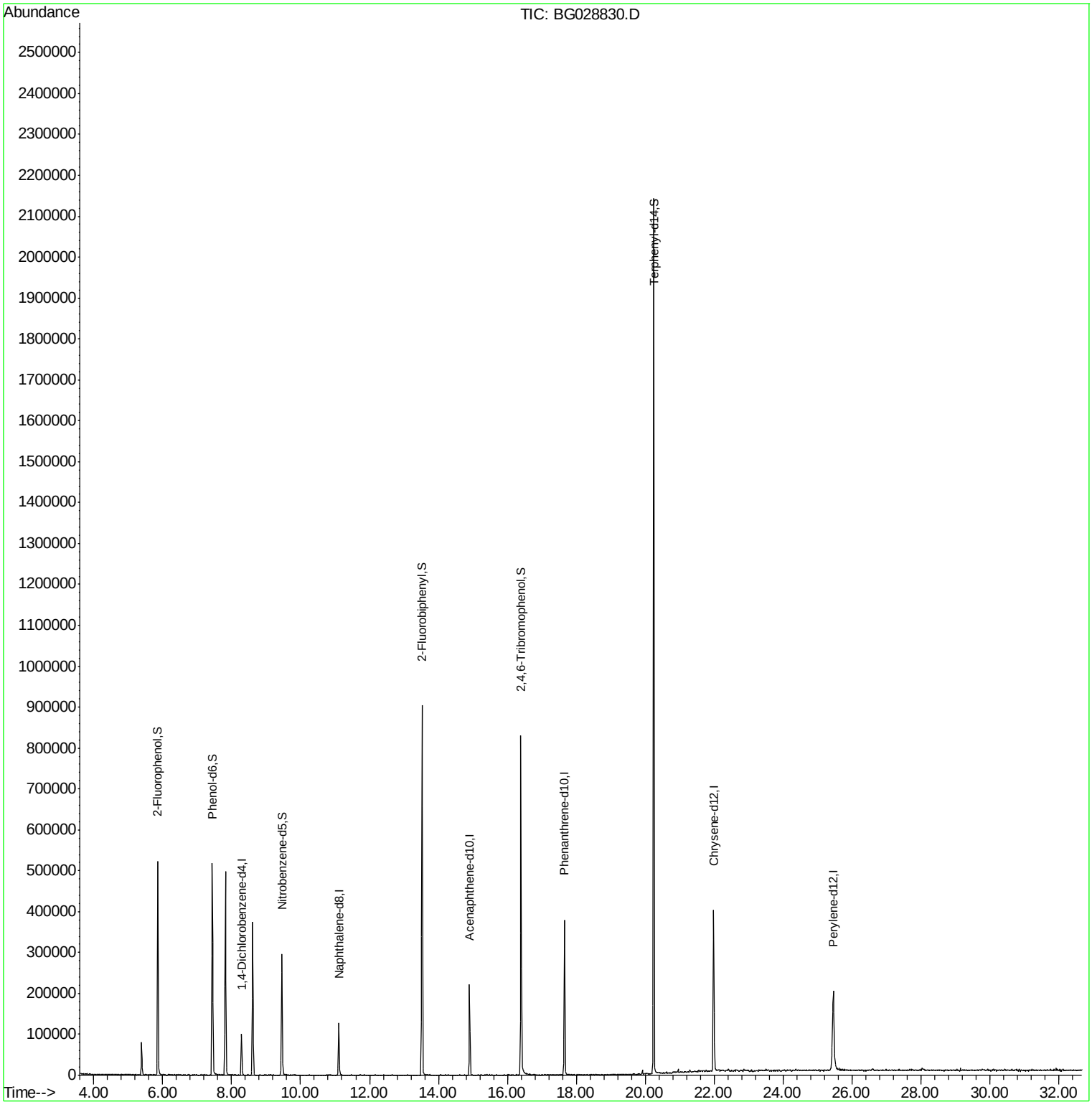
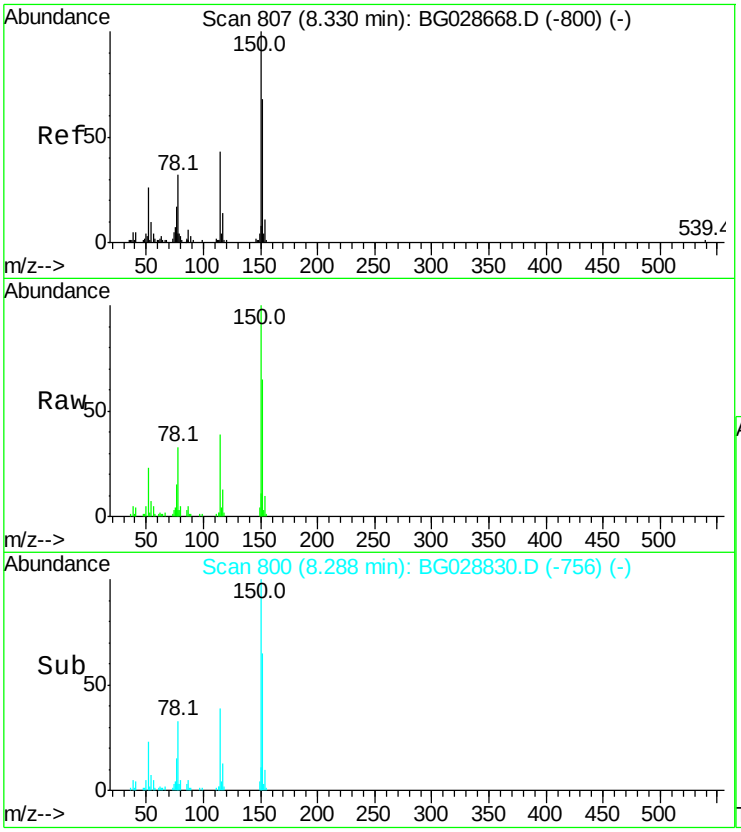


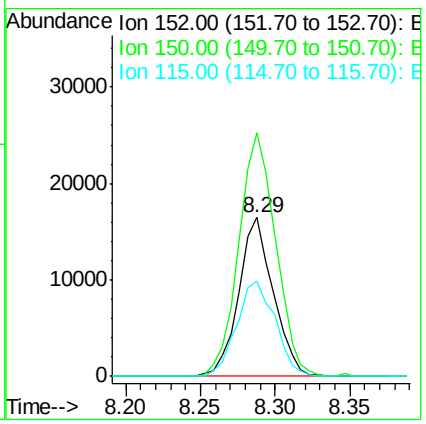


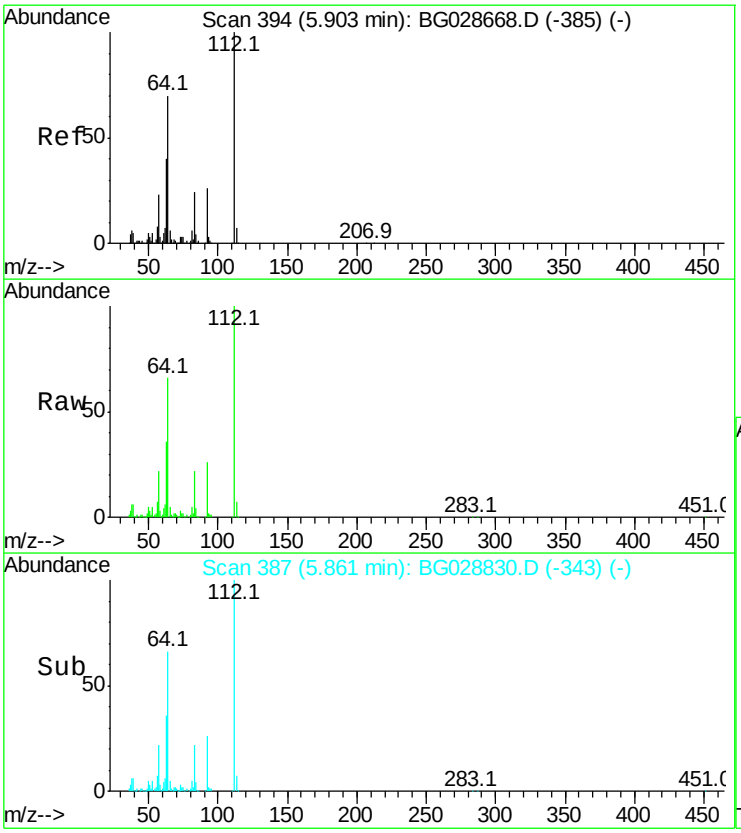
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Instrument :
BNA_G
ClientSampleId :
PB102449BL

Tgt Ion:152 Resp: 26415

Ion	Ratio	Lower	Upper
152	100		
150	153.1	114.0	171.0
115	59.8	48.1	72.1

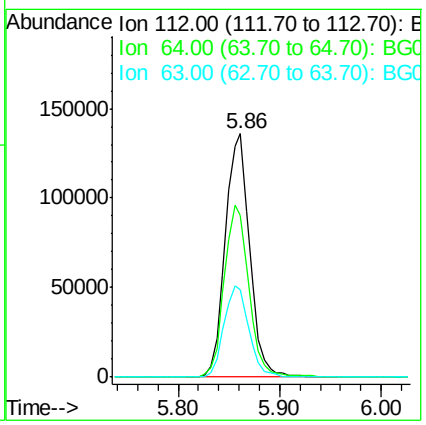


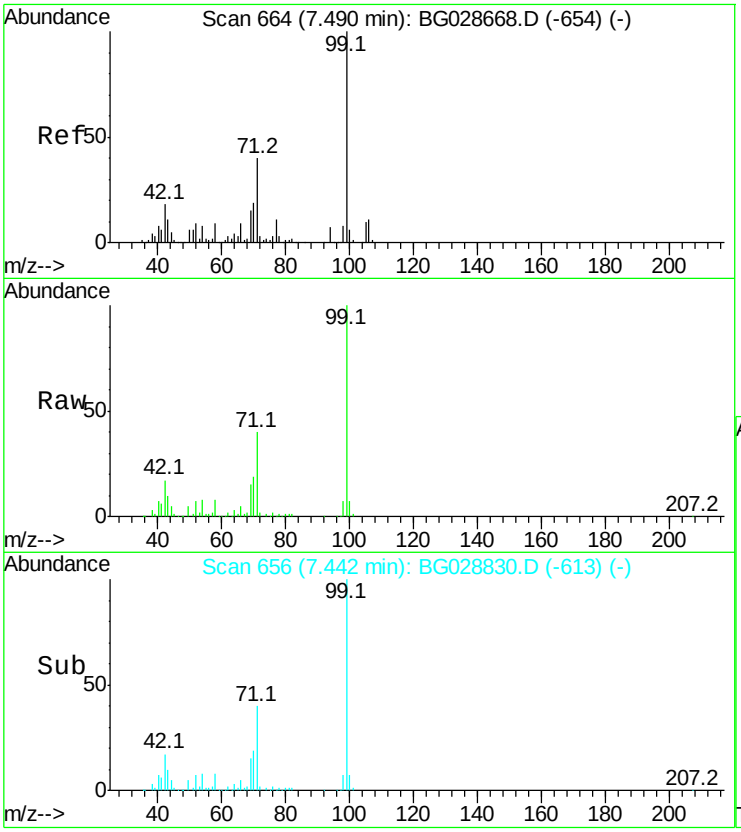


#5
2-Fluorophenol
Concen: 141.601 ng
RT: 5.86 min Scan# 387
Delta R.T. -0.04 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Tgt Ion:112 Resp: 226683

Ion	Ratio	Lower	Upper
112	100		
64	66.3	61.8	92.6
63	36.1	37.2	55.8#



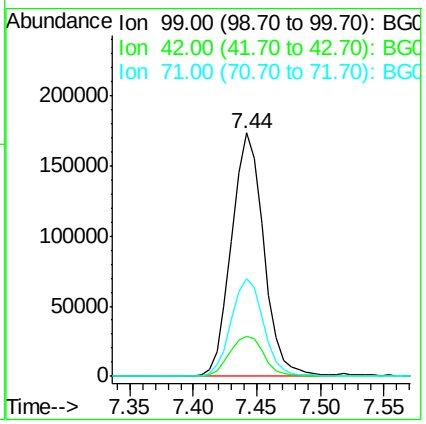


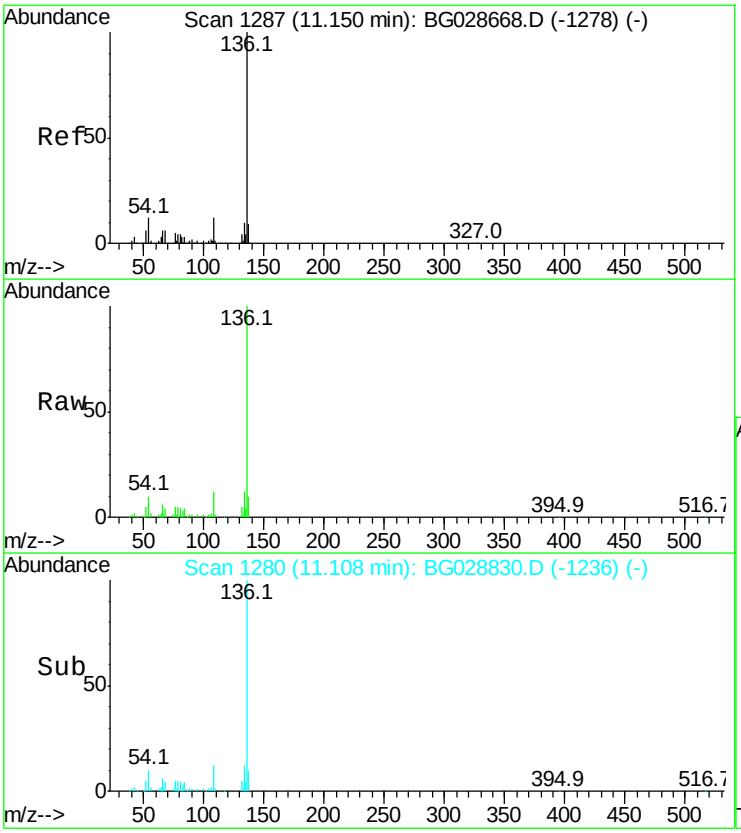
#7
Phenol-d6
Concen: 127.272 ng
RT: 7.44 min Scan# 656
Delta R.T. -0.05 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Instrument :
BNA_G
ClientSampleId :
PB102449BL

Tgt Ion: 99 Resp: 306763

Ion	Ratio	Lower	Upper
99	100		
42	16.7	20.5	30.7#
71	40.2	37.6	56.4

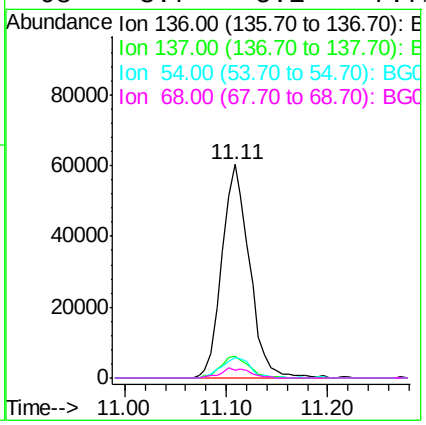


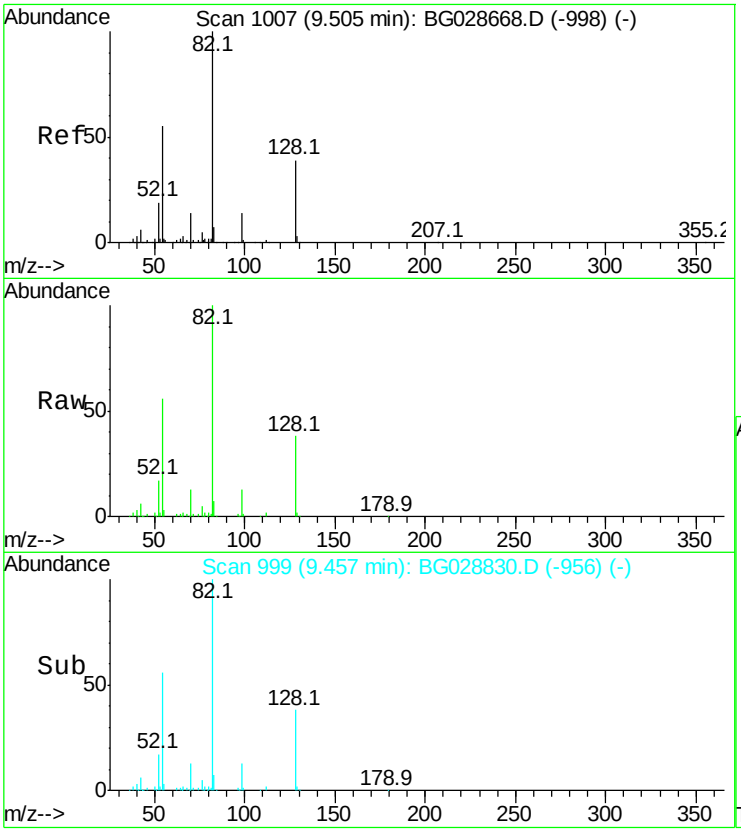


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Tgt Ion:136 Resp: 112935

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.5	9.3	13.9
68	3.7	5.1	7.7#



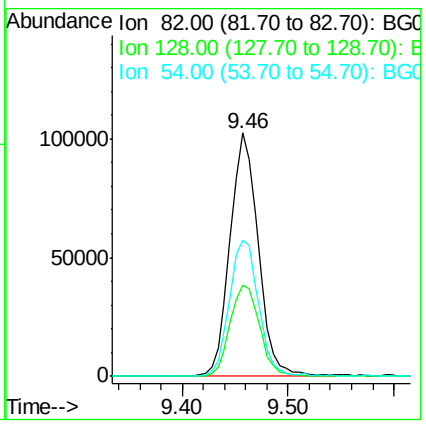


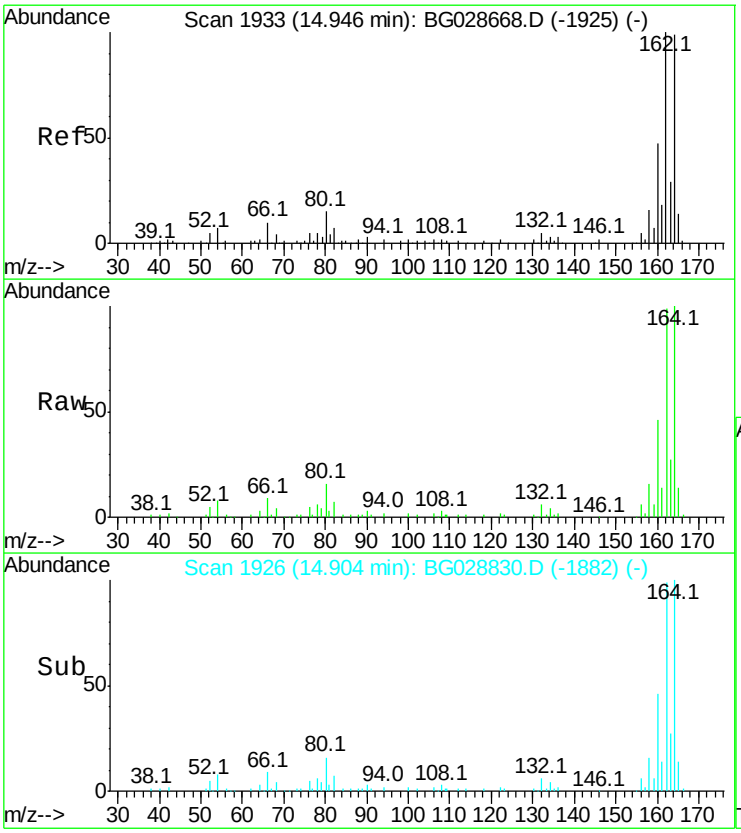
#23
Nitrobenzene-d5
Concen: 80.190 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Instrument :
BNA_G
ClientSampleId :
PB102449BL

Tgt Ion: 82 Resp: 189313

Ion	Ratio	Lower	Upper
82	100		
128	37.6	26.4	39.6
54	55.7	49.4	74.2

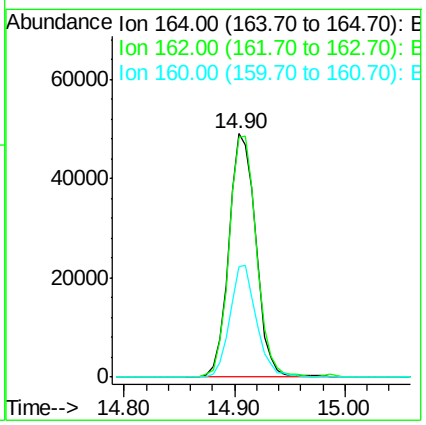


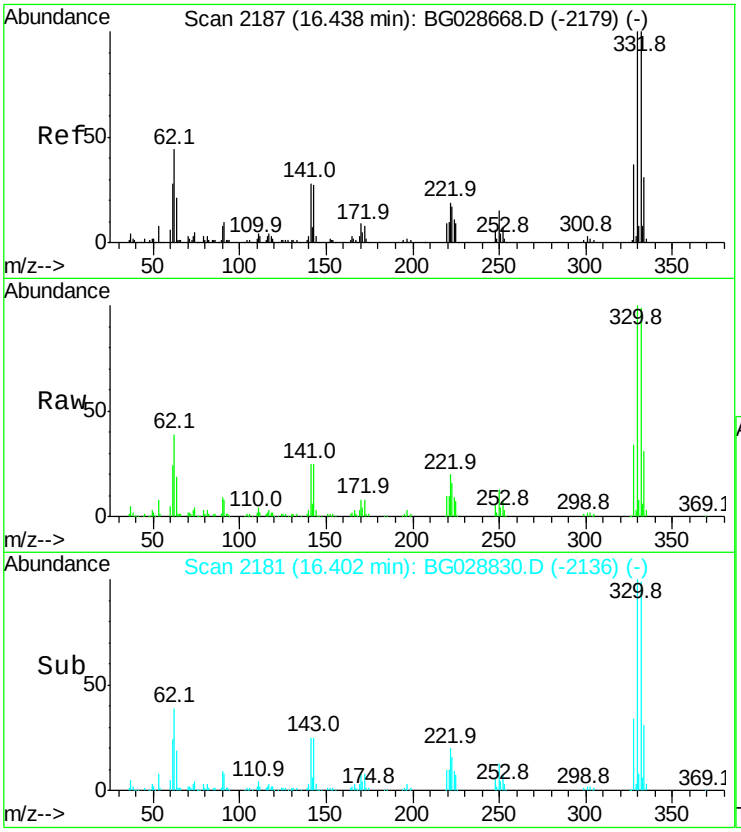


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Tgt Ion:164 Resp: 84093

Ion	Ratio	Lower	Upper
164	100		
162	98.6	85.1	127.7
160	45.6	34.7	52.1



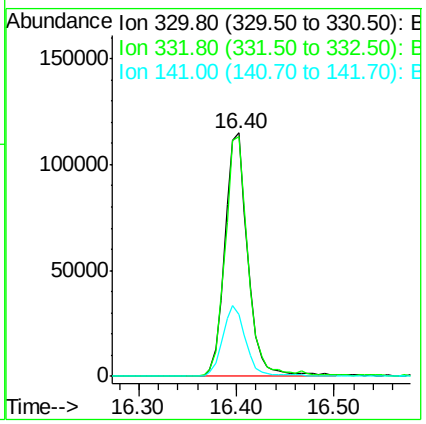


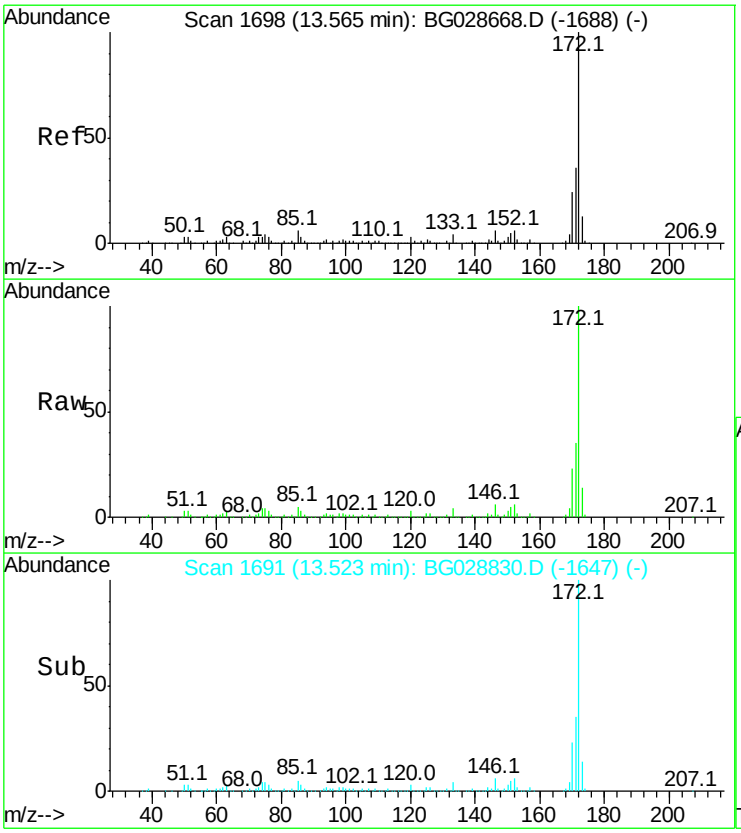
#41
2,4,6-Tribromophenol
Concen: 134.636 ng
RT: 16.40 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Instrument :
BNA_G
ClientSampleId :
PB102449BL

Tgt Ion:330 Resp: 187258

Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.3	115.9
141	29.6	32.1	48.1#

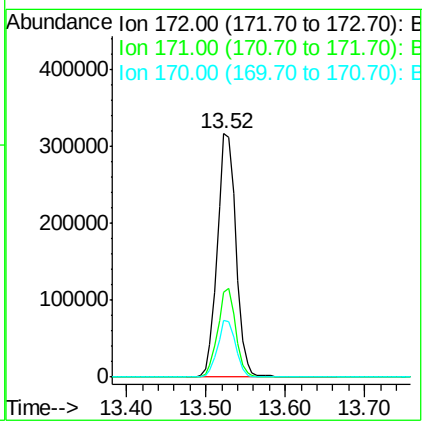


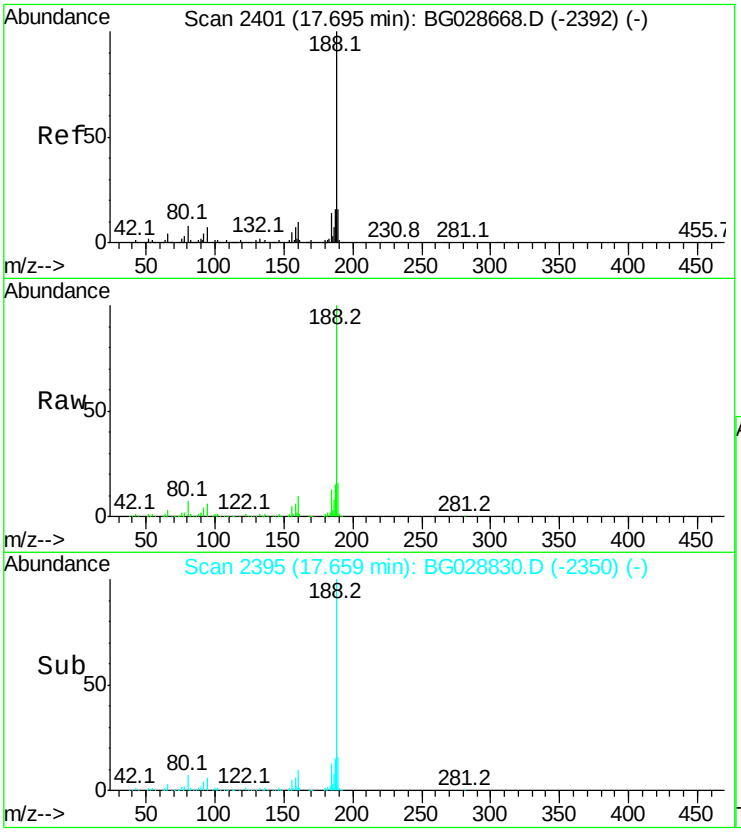


#44
2-Fluorobiphenyl
Concen: 81.721 ng
RT: 13.52 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Tgt Ion:172 Resp: 515376

Ion	Ratio	Lower	Upper
172	100		
171	34.9	32.2	48.2
170	23.2	21.8	32.6



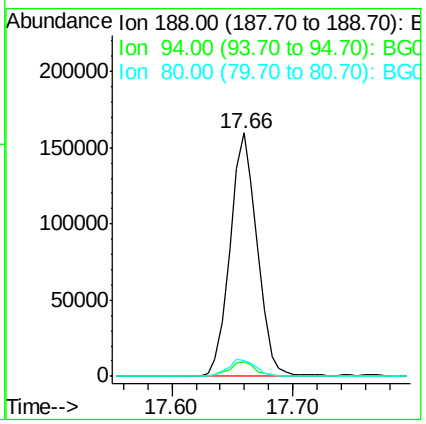


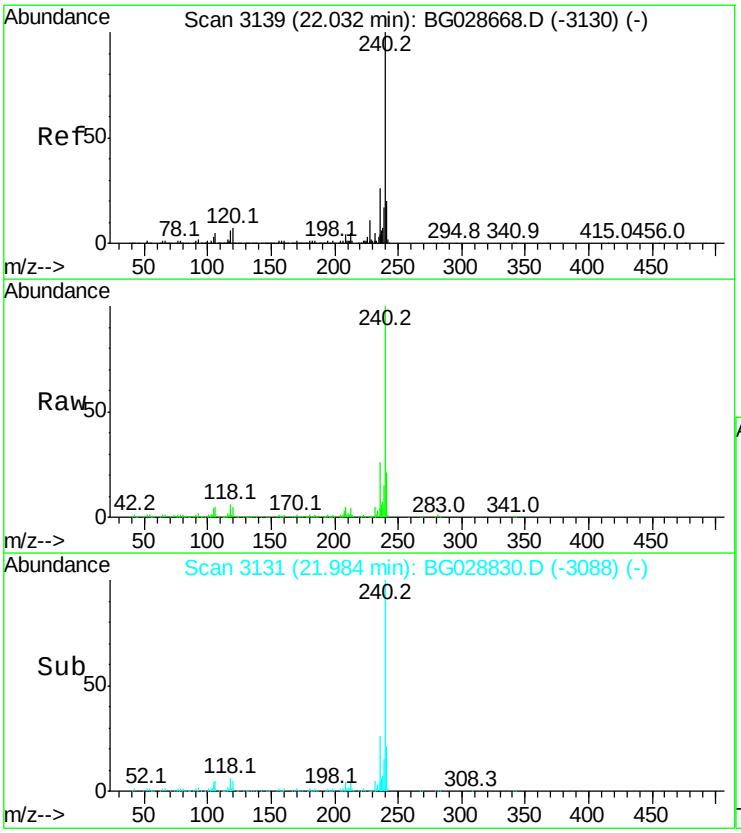
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Instrument :
BNA_G
ClientSampleId :
PB102449BL

Tgt Ion:188 Resp: 250373

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.8	8.8
80	6.6	7.5	11.3#

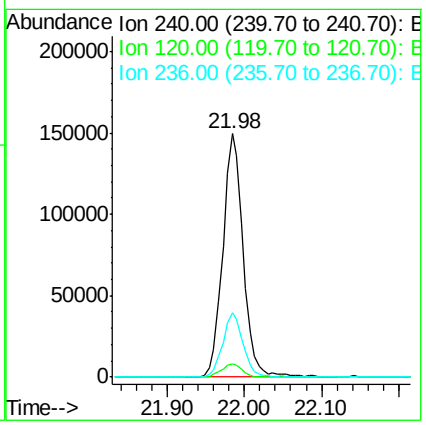


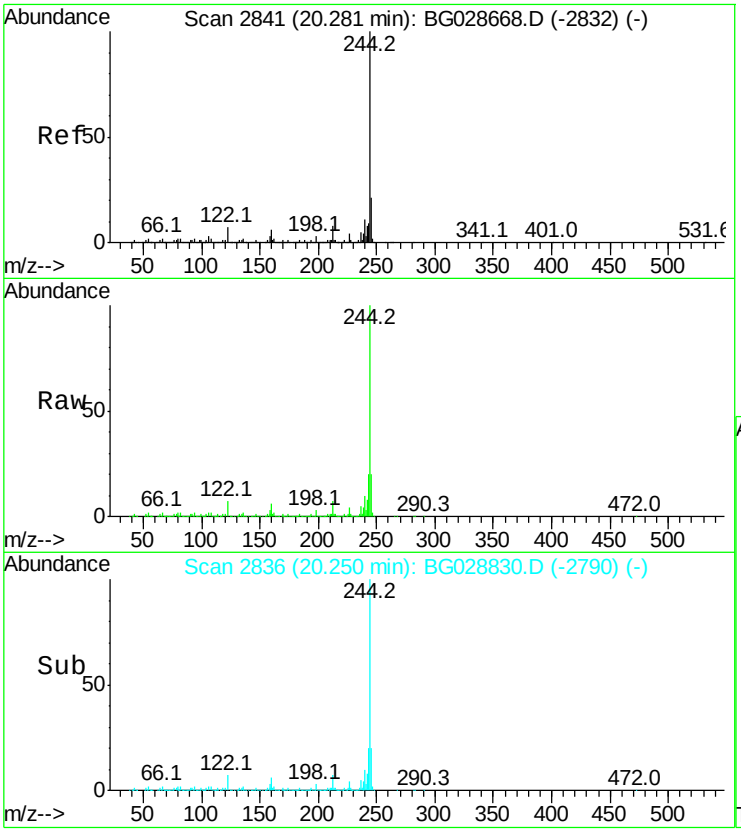


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Tgt Ion:240 Resp: 275533

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.7	8.5#
236	26.2	22.2	33.4



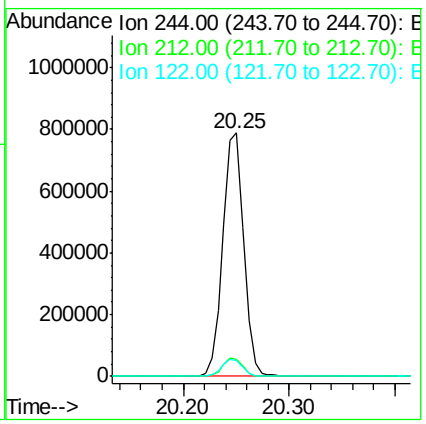


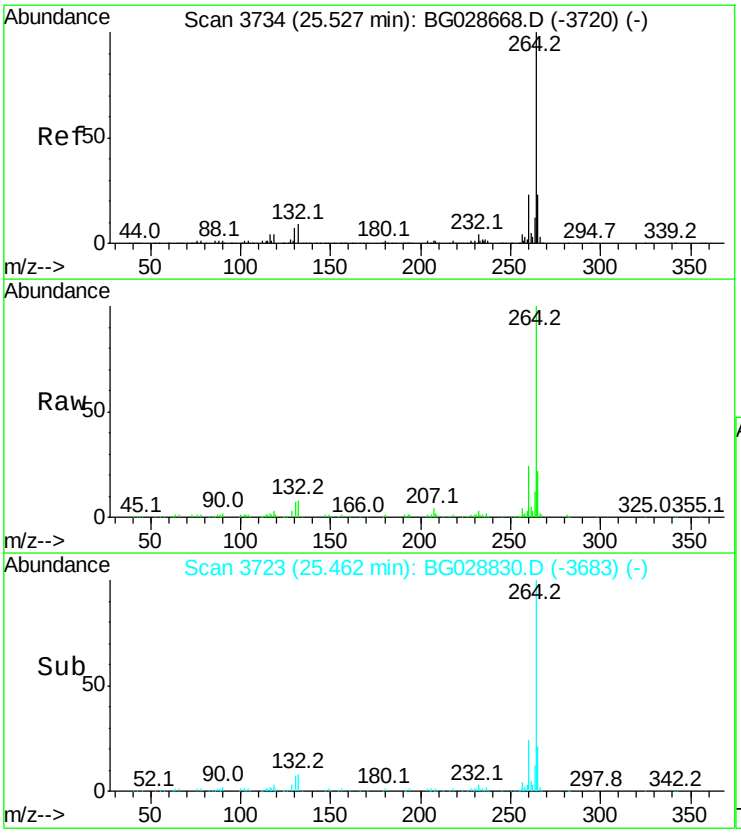
#78
Terphenyl-d14
Concen: 83.746 ng
RT: 20.25 min Scan# 2836
Delta R.T. -0.03 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Instrument :
BNA_G
ClientSampleId :
PB102449BL

Tgt Ion:244 Resp: 1082020

Ion	Ratio	Lower	Upper
244	100		
212	7.1	10.0	15.0#
122	6.6	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.46 min Scan# 3723
Delta R.T. -0.07 min
Lab File: BG028830.D
Acq: 20 Sep 2017 13:57

Tgt Ion:264 Resp: 276891

Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.8	32.8
265	21.7	18.2	27.4