Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091017\
Data File : BG028623.D
Acq On : 9 Sep 2017 20:17
Operator : SJ/JU
Sample : I5187-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20170542-FIELDBLANK-2

Quant Time: Sep 11 07:13:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 18:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	31203	20.00	ng	0.00
21) Naphthalene-d8	11.16	136	122311	20.00	ng	0.00
38) Acenaphthene-d10	14.95	164	85588	20.00	ng	0.00
63) Phenanthrene-d10	17.70	188	245095	20.00	ng	0.00
75) Chrysene-d12	22.03	240	294010	20.00	ng	-0.01
86) Perylene-d12	25.53	264	287943	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.91	112	135705	73.23	ng	0.00
7) Phenol-d6	7.49	99	119654	44.51	ng	0.00
23) Nitrobenzene-d5	9.50	82	254570	95.57	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	242088	186.10	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	650943	99.50	ng	0.00
78) Terphenyl-d14	20.28	244	1321937	96.87	ng	0.00
Target Compounds						Qvalue

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

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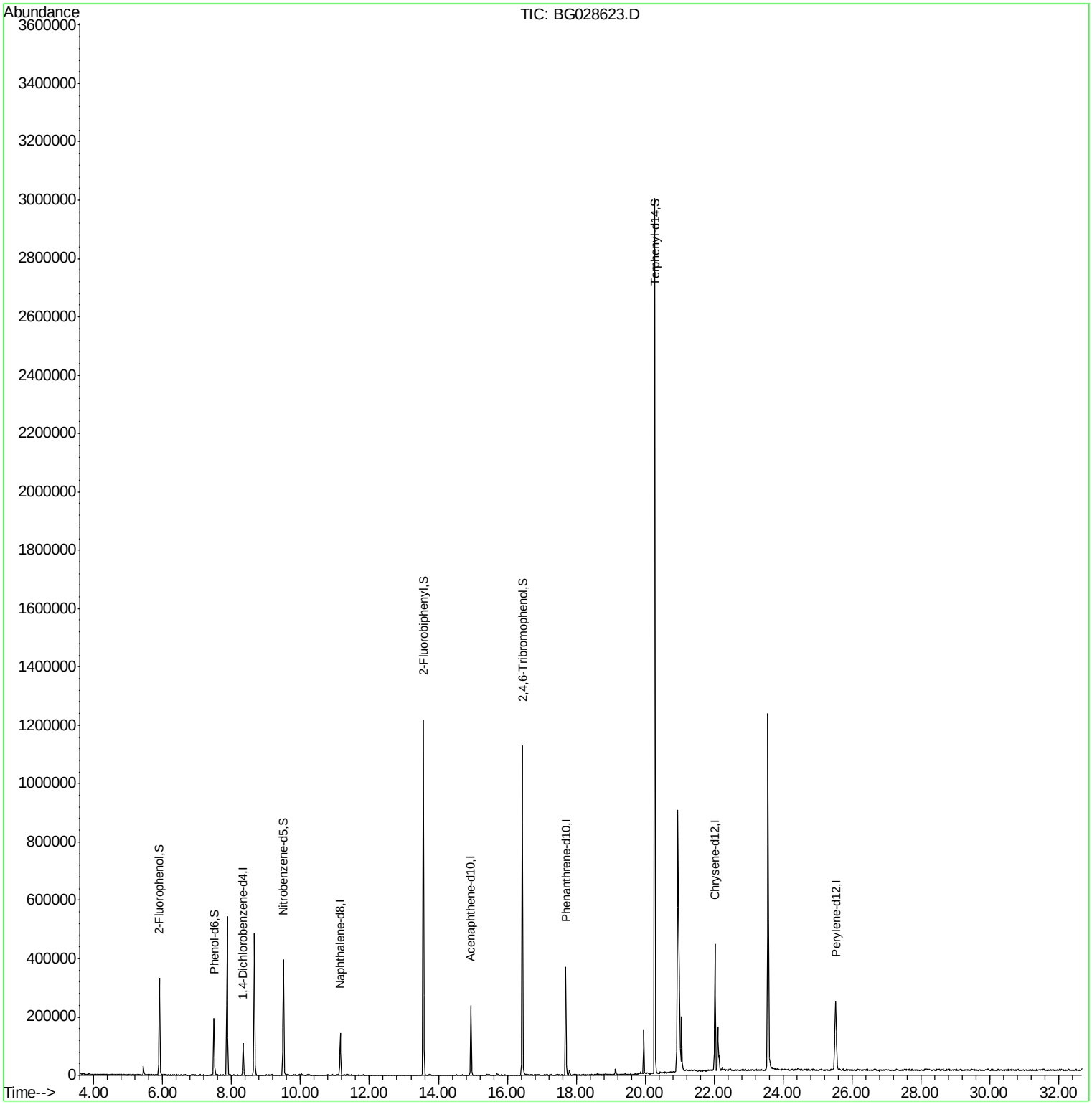
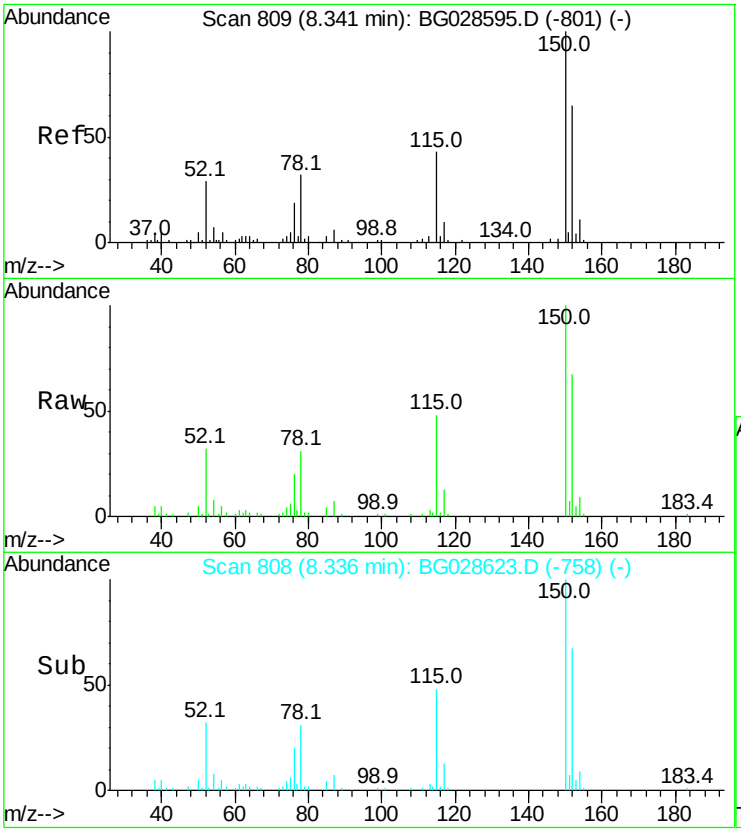


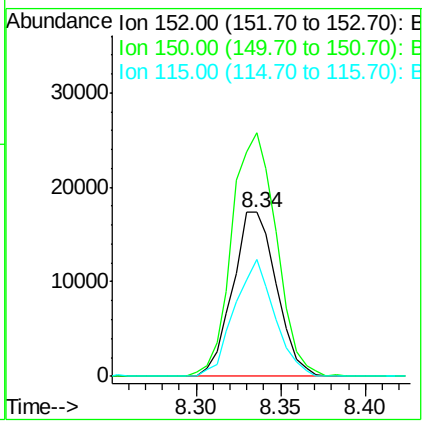


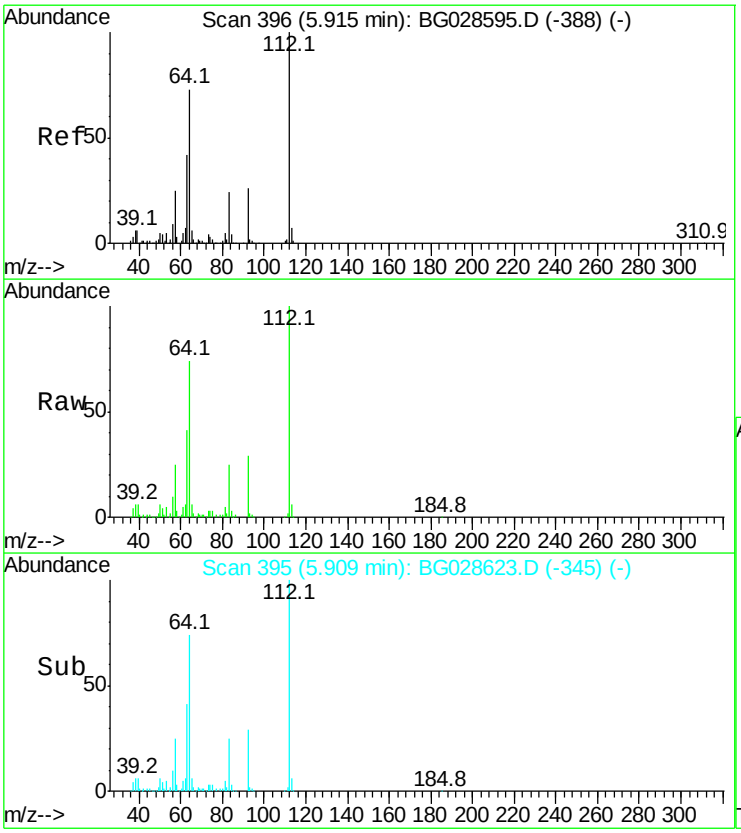
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.34 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Instrument :
BNA_G
ClientSampleId :
20170542-FIELDBLANK-2

Tgt Ion:152 Resp: 31203

Ion	Ratio	Lower	Upper
152	100		
150	148.4	114.0	171.0
115	71.6	48.1	72.1

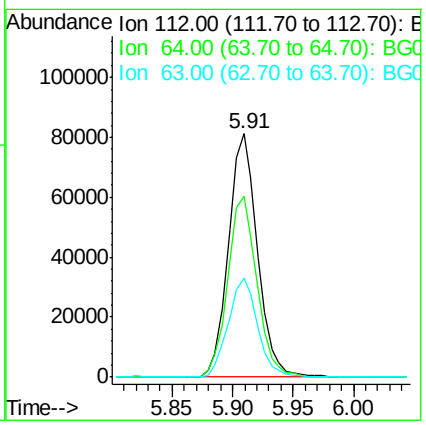


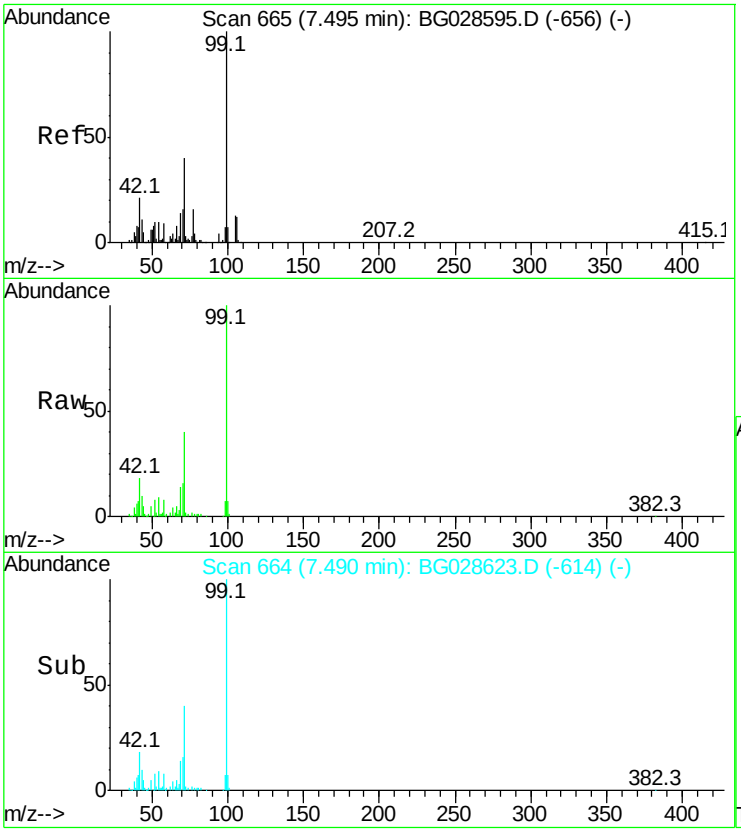


#5
2-Fluorophenol
Concen: 73.227 ng
RT: 5.91 min Scan# 395
Delta R.T. -0.00 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion:112 Resp: 135705

Ion	Ratio	Lower	Upper
112	100		
64	74.2	61.8	92.6
63	40.6	37.2	55.8



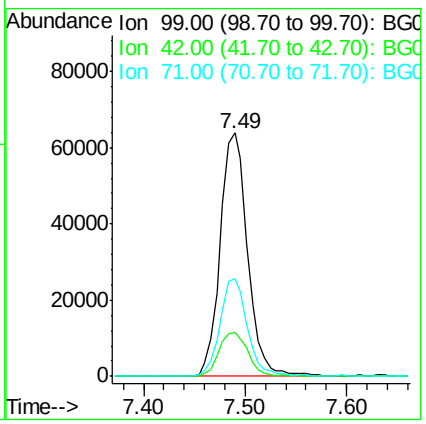


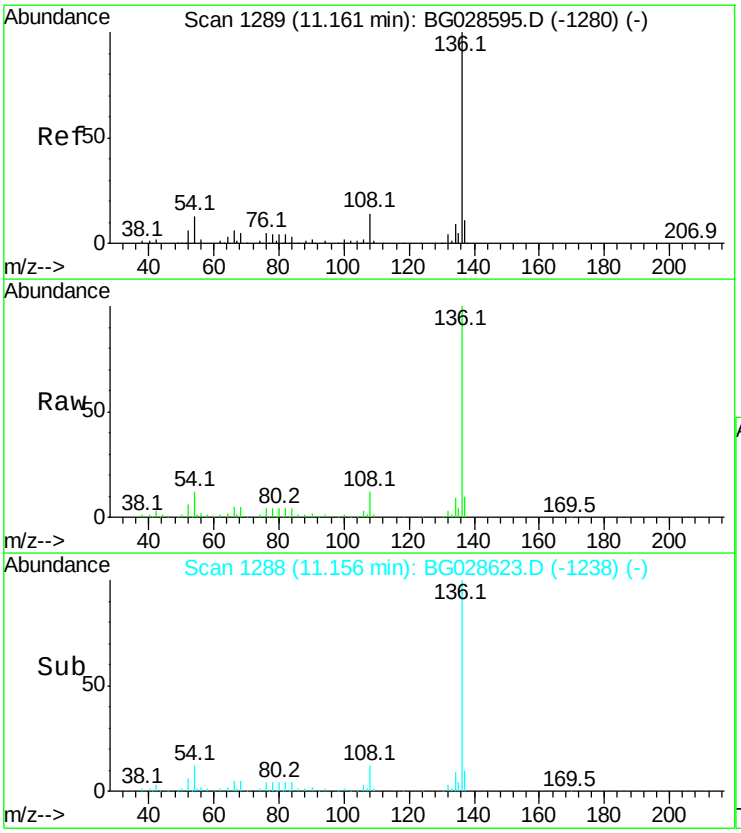
#7
Phenol-d6
Concen: 44.514 ng
RT: 7.49 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Instrument :
BNA_G
ClientSampleId :
20170542-FIELDBLANK-2

Tgt Ion: 99 Resp: 119654

Ion	Ratio	Lower	Upper
99	100		
42	18.0	20.5	30.7#
71	39.9	37.6	56.4

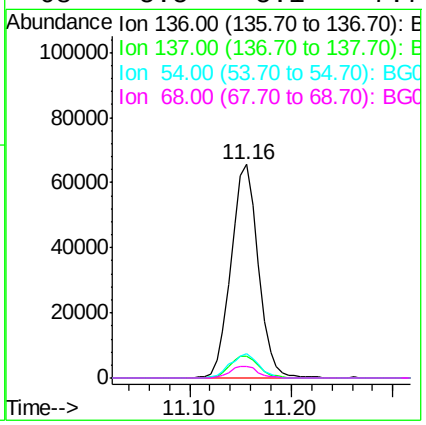


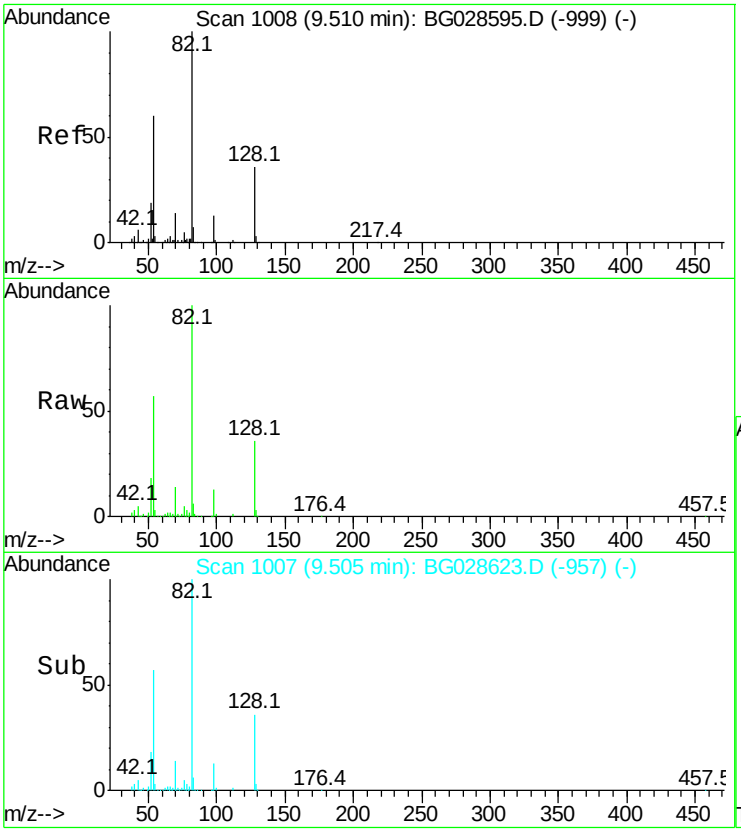


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.16 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion:136 Resp: 122311

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	11.6	9.3	13.9
68	5.5	5.1	7.7



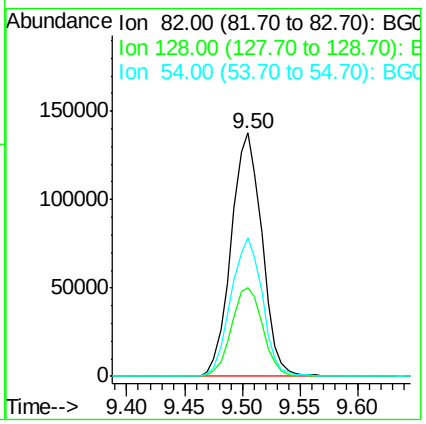


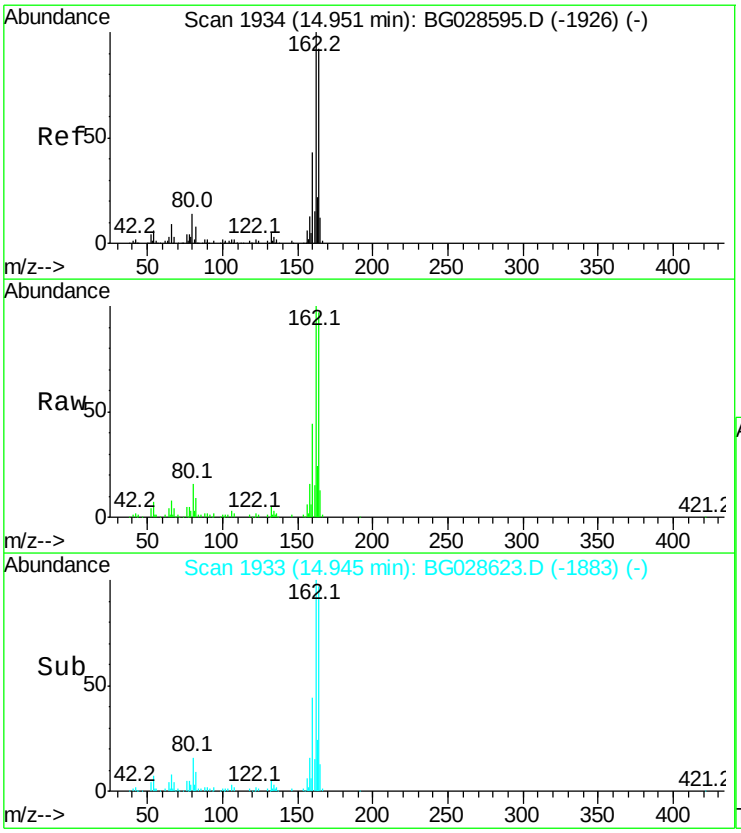
#23
Nitrobenzene-d5
Concen: 95.570 ng
RT: 9.50 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Instrument :
BNA_G
ClientSampleId :
20170542-FIELDBLANK-2

Tgt Ion: 82 Resp: 254570

Ion	Ratio	Lower	Upper
82	100		
128	36.5	26.4	39.6
54	57.0	49.4	74.2

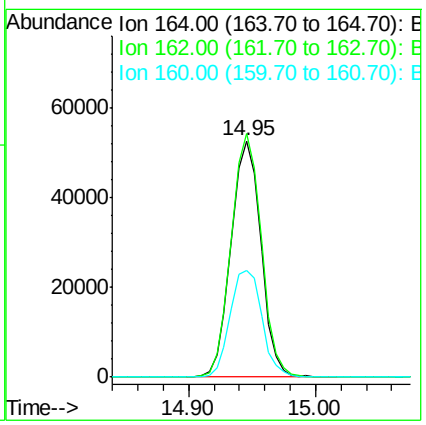


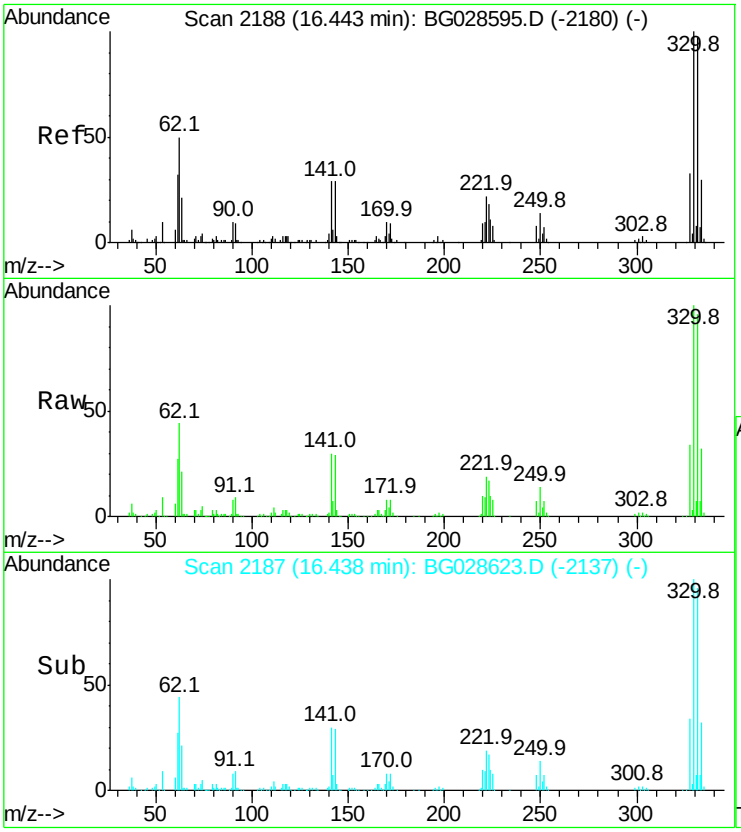


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.95 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion:164 Resp: 85588

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	45.4	34.7	52.1



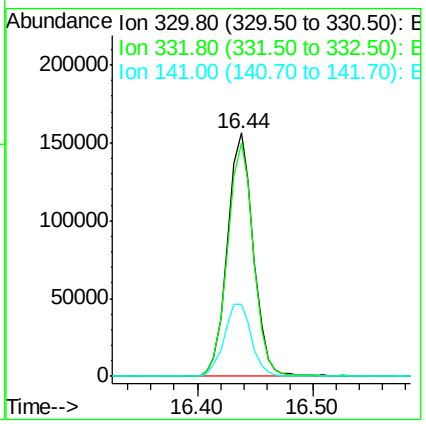


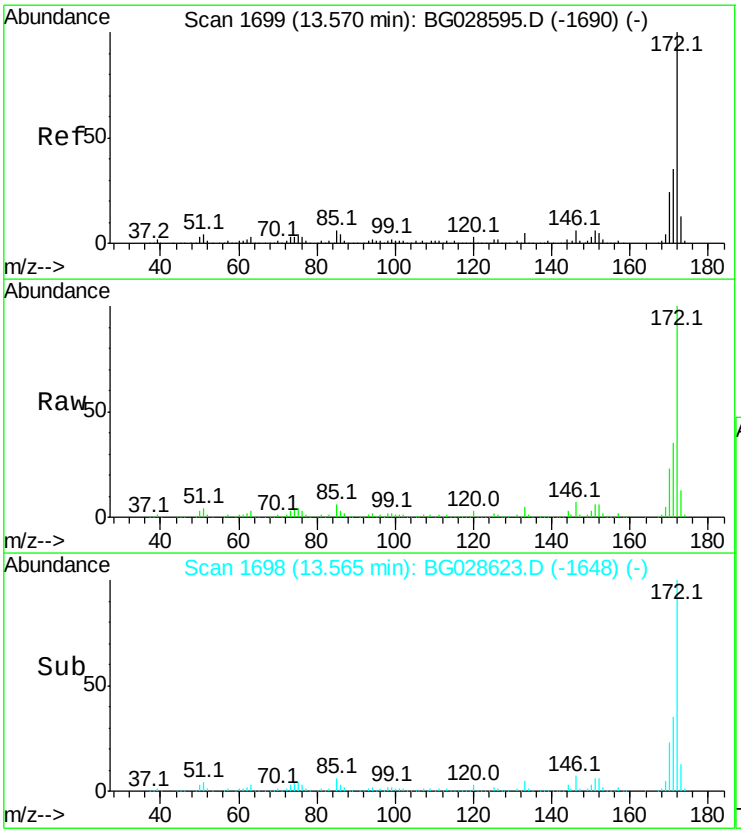
#41
2,4,6-Tribromophenol
Concen: 186.100 ng
RT: 16.44 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Instrument :
BNA_G
ClientSampleId :
20170542-FIELDBLANK-2

Tgt Ion:330 Resp: 242088

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	31.3	32.1	48.1#

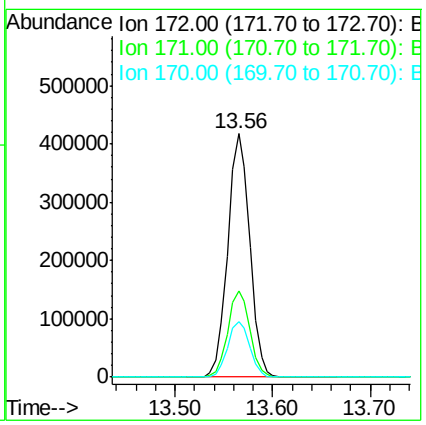


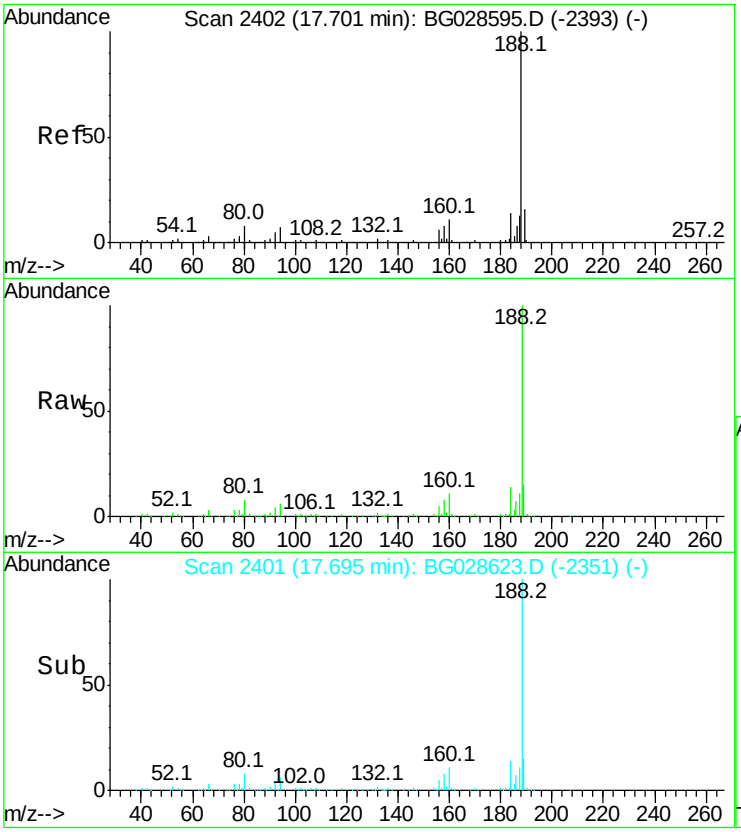


#44
2-Fluorobiphenyl
Concen: 99.498 ng
RT: 13.56 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion:172 Resp: 650943

Ion	Ratio	Lower	Upper
172	100		
171	35.3	32.2	48.2
170	22.7	21.8	32.6



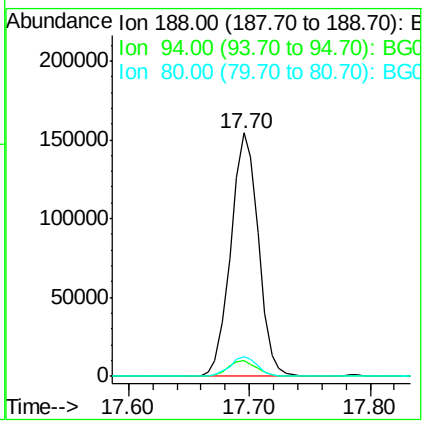


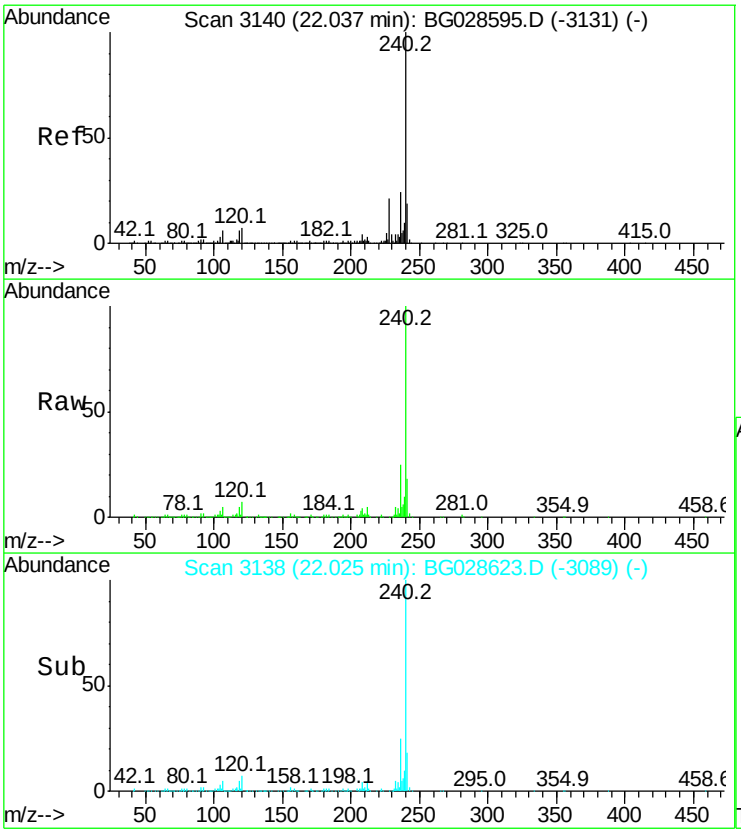
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.70 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Instrument :
BNA_G
ClientSampleId :
20170542-FIELDBLANK-2

Tgt Ion:188 Resp: 245095

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.8	8.8
80	7.8	7.5	11.3

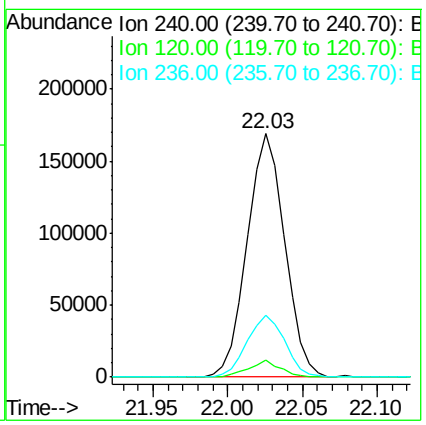


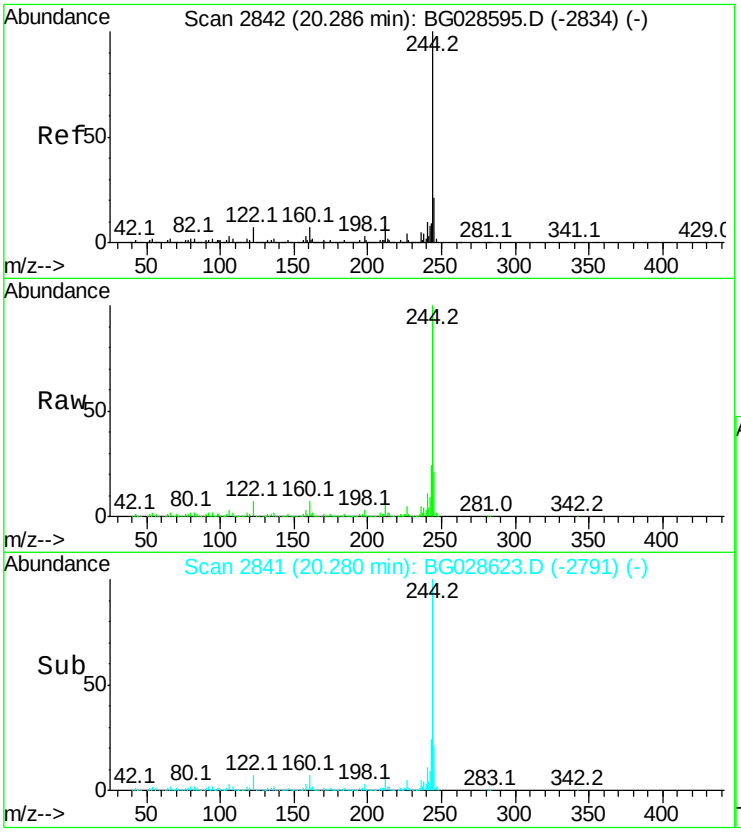


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.03 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion:240 Resp: 294010

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.7	8.5
236	25.5	22.2	33.4



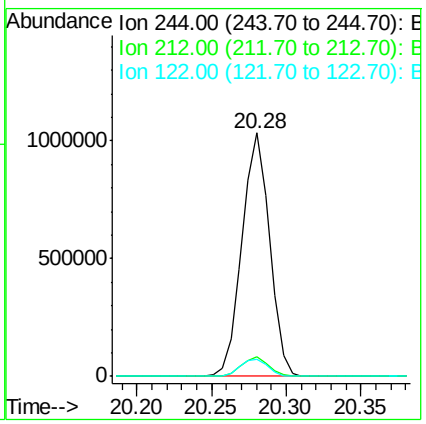


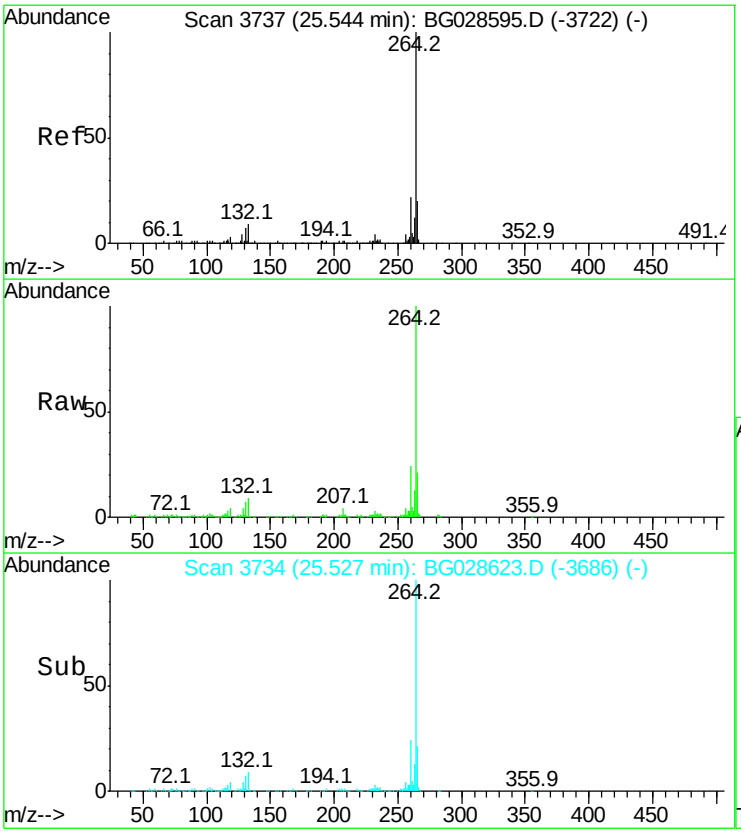
#78
Terphenyl-d14
Concen: 96.872 ng
RT: 20.28 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Instrument :
BNA_G
ClientSampleId :
20170542-FIELDBLANK-2

Tgt Ion:244 Resp: 1321937

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	7.2	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.53 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG028623.D
Acq: 9 Sep 2017 20:17

Tgt Ion:264 Resp: 287943

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	21.4	18.2	27.4