Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
Data File : BG025966.D
Acq On : 27 Feb 2017 16:33
Operator : SJ/MA
Sample : PB97190BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB97190BL

Quant Time: Feb 27 23:58:07 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	79990	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	377790	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	251967	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	736116	20.00	ng	0.00
75) Chrysene-d12	21.66	240	799530	20.00	ng	-0.02
86) Perylene-d12	24.85	264	776237	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	729482	158.77	ng	0.00
7) Phenol-d6	7.23	99	1011295	148.74	ng	0.00
23) Nitrobenzene-d5	9.23	82	545258	91.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	481284	206.75	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1474077	102.23	ng	0.00
78) Terphenyl-d14	20.01	244	2536265	77.15	ng	-0.02

Target Compounds	Qvalue

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

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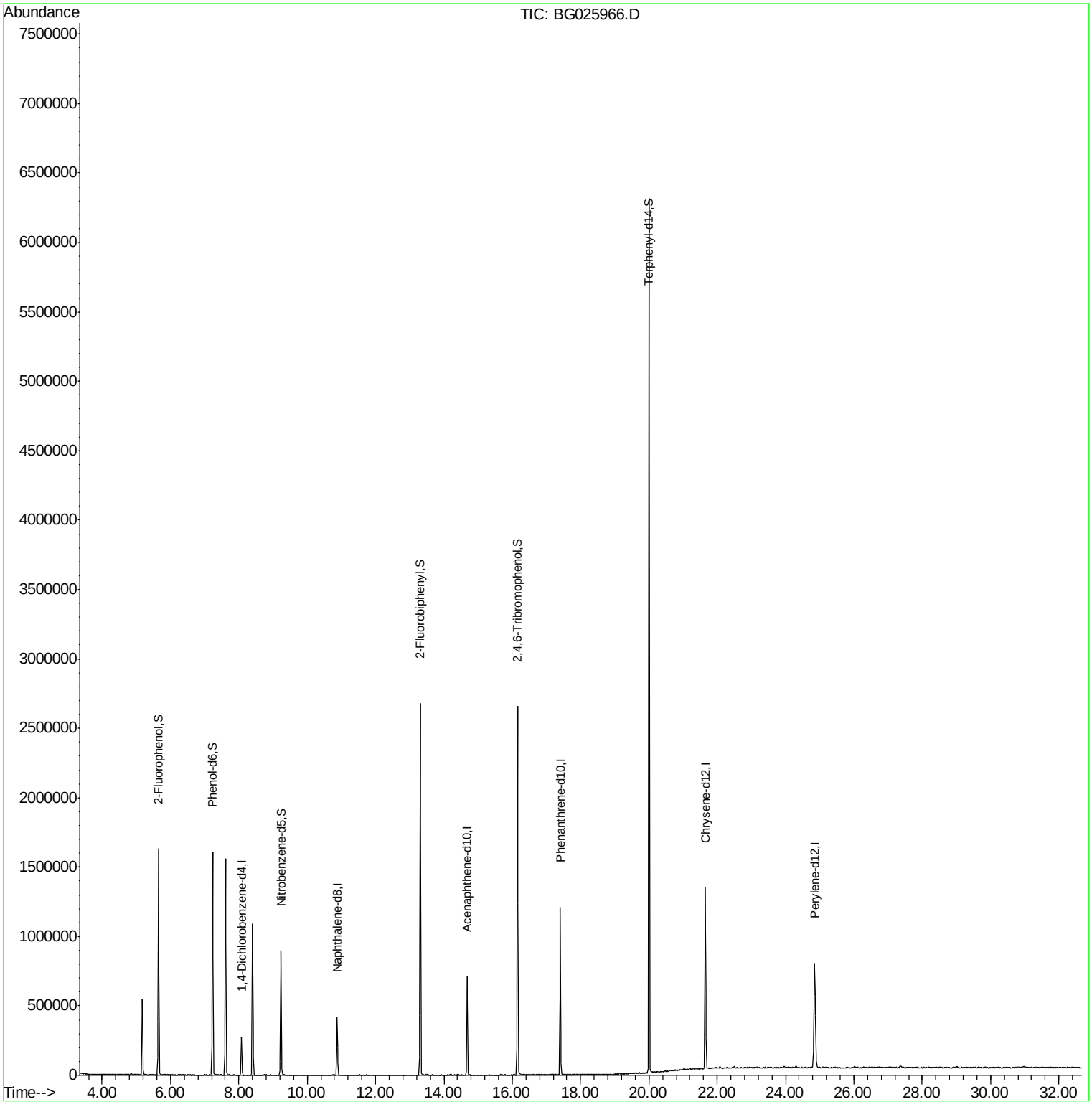
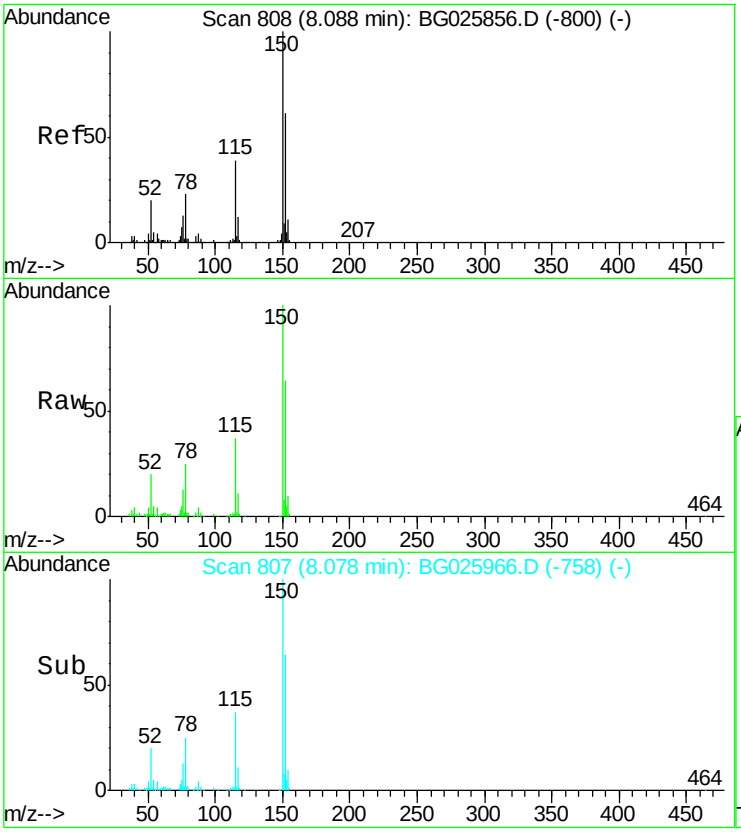


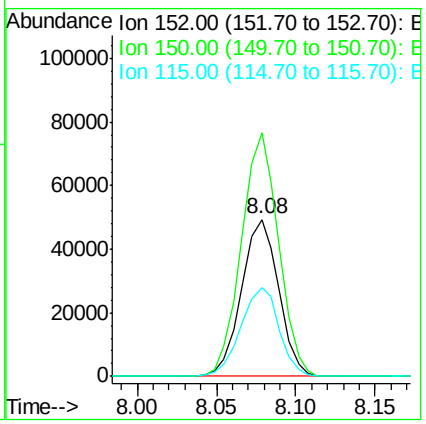


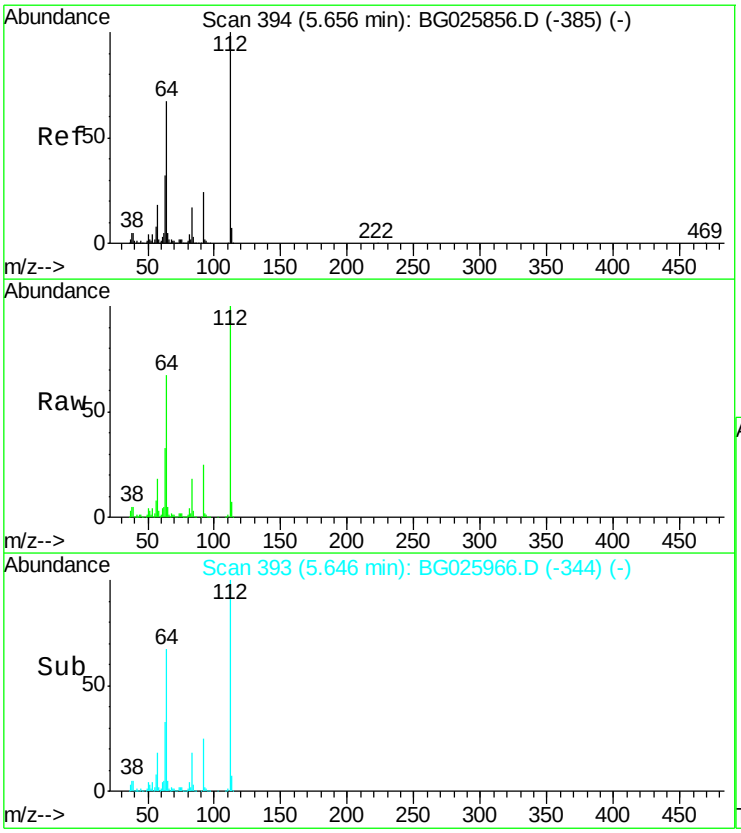
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Instrument :
BNA_G
ClientSampleId :
PB97190BL

Tgt Ion:152 Resp: 79990

Ion	Ratio	Lower	Upper
152	100		
150	155.4	114.0	171.0
115	56.8	48.1	72.1

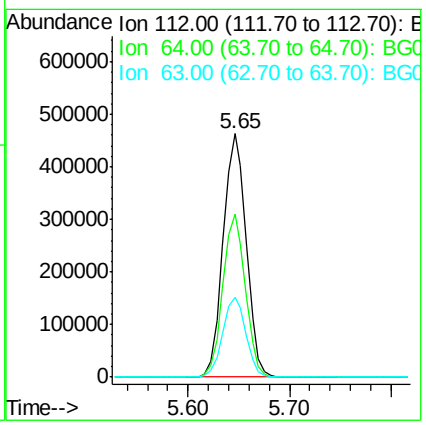


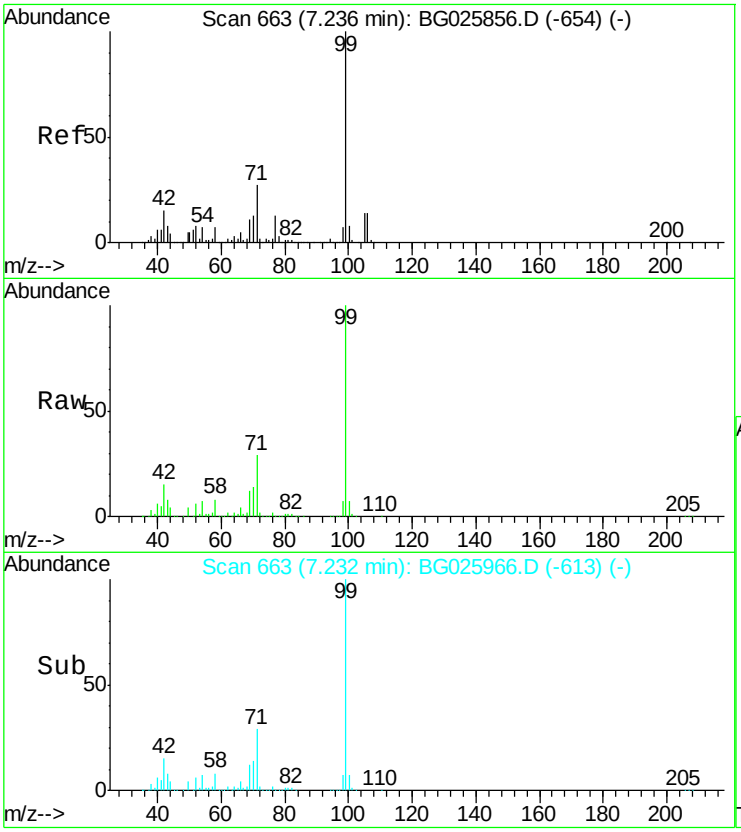


#5
2-Fluorophenol
Concen: 158.77 ng
RT: 5.65 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Tgt Ion:112 Resp: 729482

Ion	Ratio	Lower	Upper
112	100		
64	67.1	61.8	92.6
63	32.9	37.2	55.8#



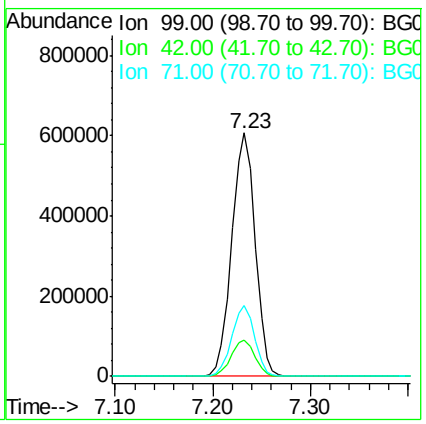


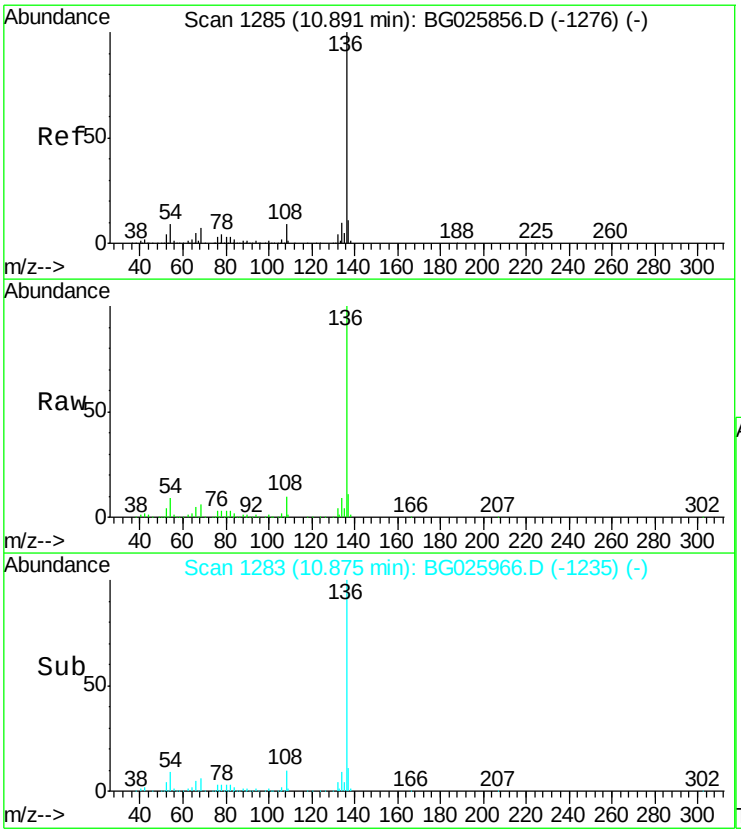
#7
Phenol-d6
Concen: 148.74 ng
RT: 7.23 min Scan# 663
Delta R.T. -0.00 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Instrument :
BNA_G
ClientSampleId :
PB97190BL

Tgt Ion: 99 Resp: 1011295

Ion	Ratio	Lower	Upper
99	100		
42	14.8	20.5	30.7#
71	28.9	37.6	56.4#

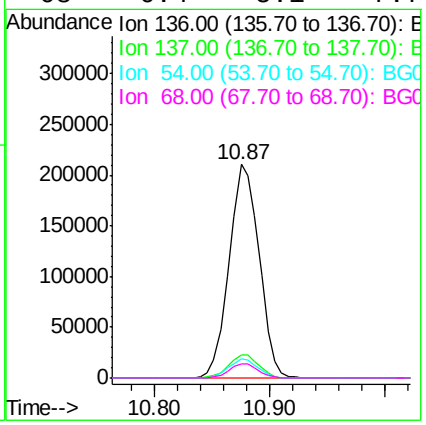


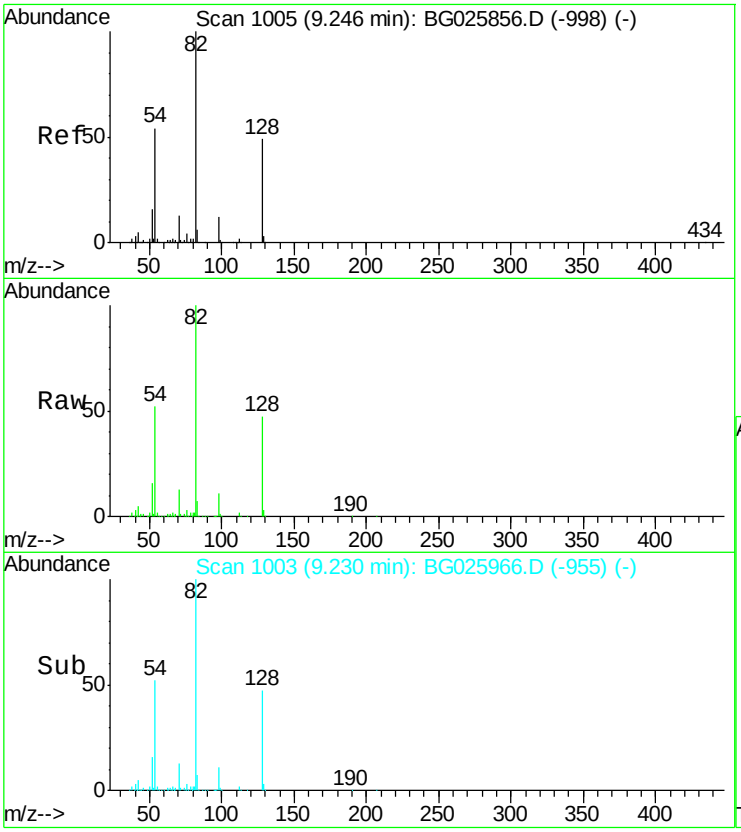


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Tgt Ion:136 Resp: 377790

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.0	9.3	13.9#
68	6.4	5.1	7.7



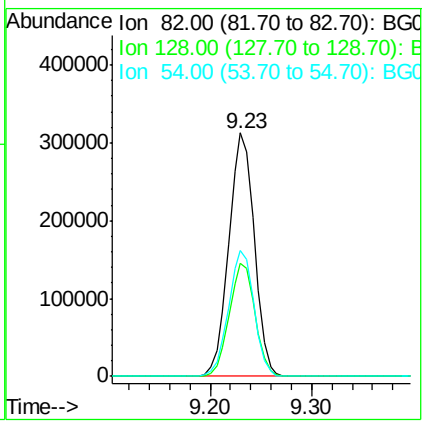


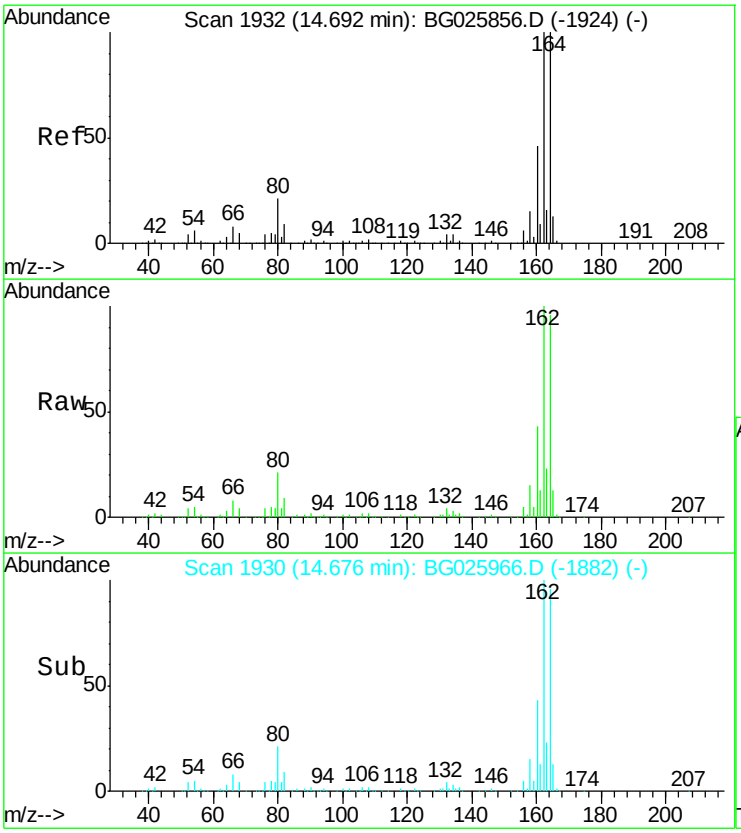
#23
Nitrobenzene-d5
Concen: 91.08 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Instrument :
BNA_G
ClientSampleId :
PB97190BL

Tgt Ion: 82 Resp: 545258

Ion	Ratio	Lower	Upper
82	100		
128	46.5	26.4	39.6#
54	52.0	49.4	74.2

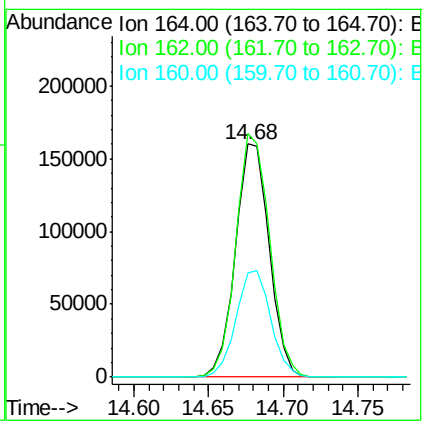


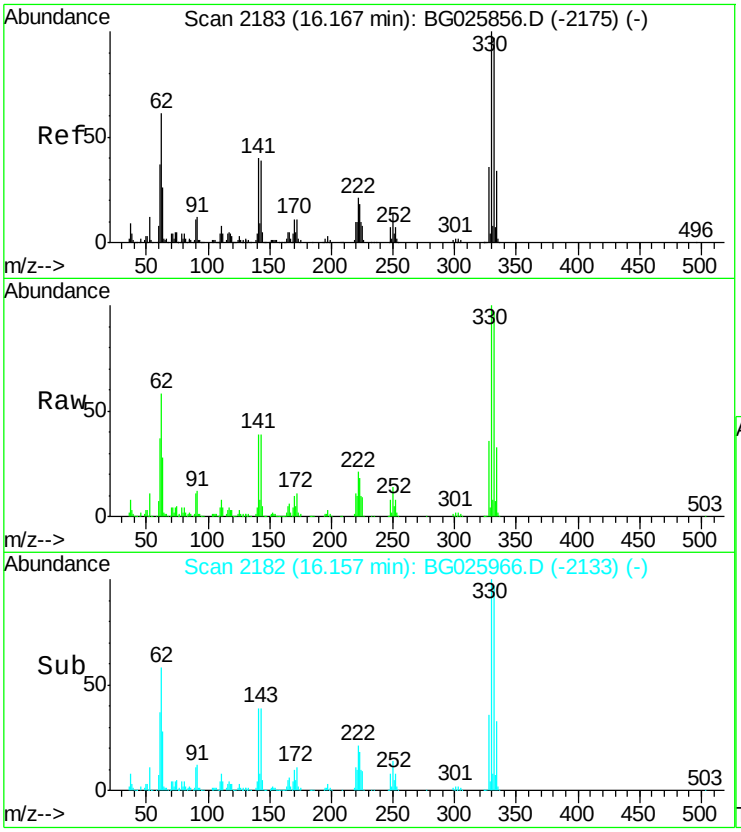


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Tgt Ion:164 Resp: 251967

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.1	127.7
160	44.9	34.7	52.1



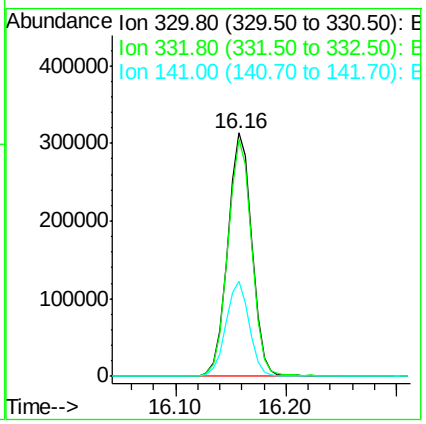


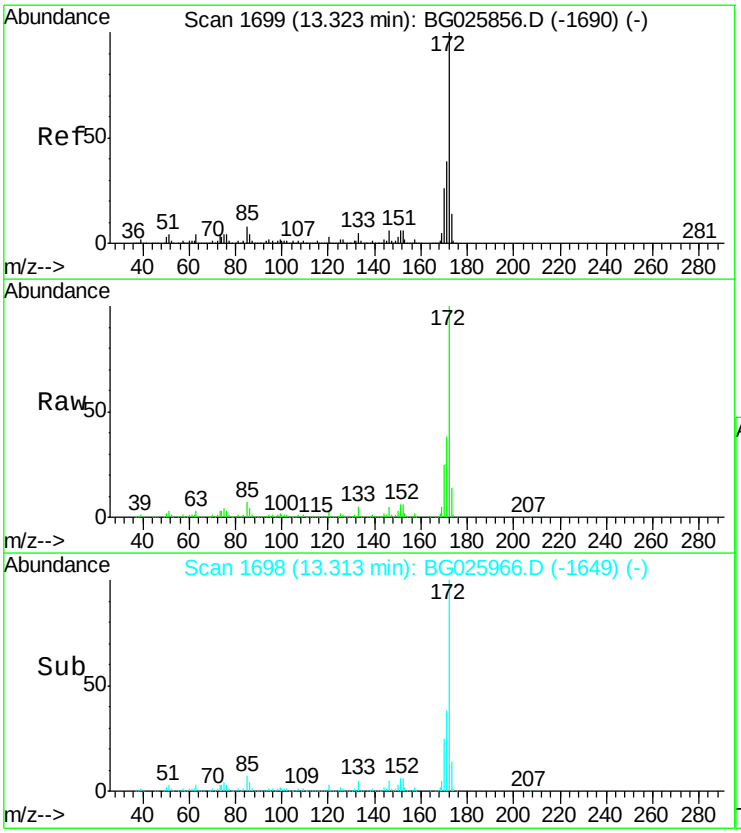
#41
2,4,6-Tribromophenol
Concen: 206.75 ng
RT: 16.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Instrument :
BNA_G
ClientSampleId :
PB97190BL

Tgt Ion:330 Resp: 481284

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	37.9	32.1	48.1

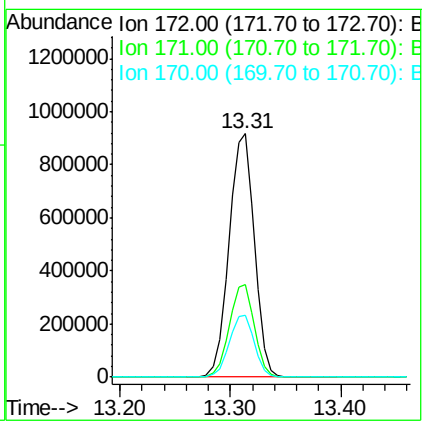


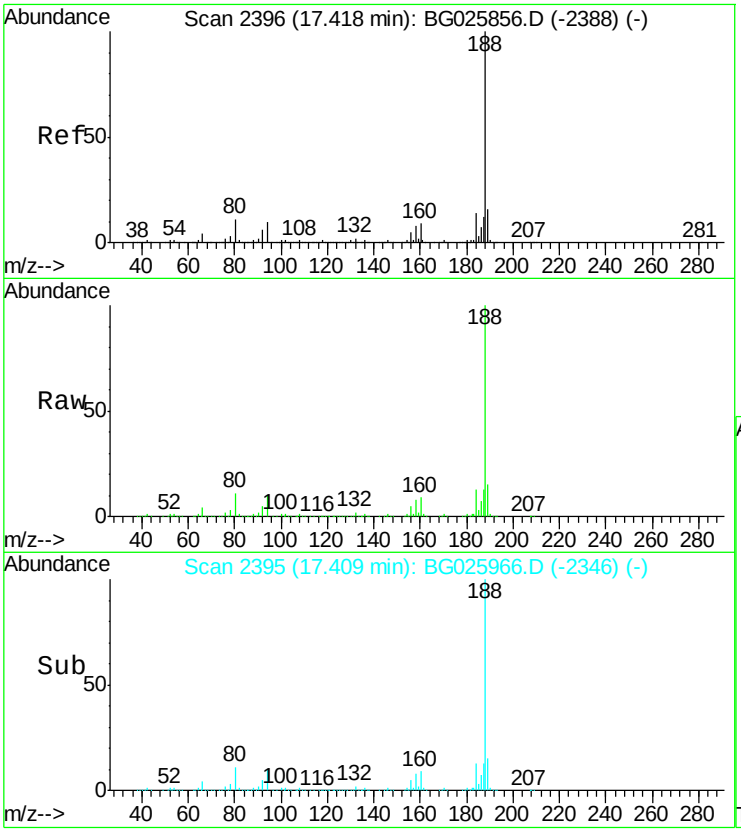


#44
2-Fluorobiphenyl
Concen: 102.23 ng
RT: 13.31 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Tgt Ion:172 Resp: 1474077

Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	25.4	21.8	32.6



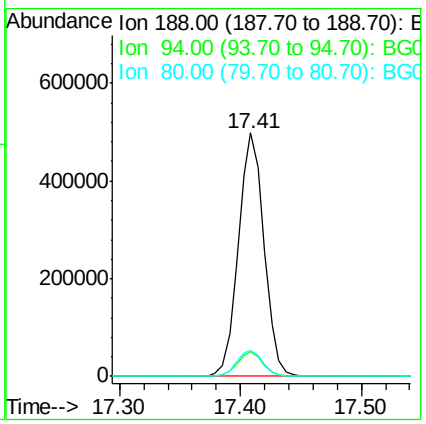


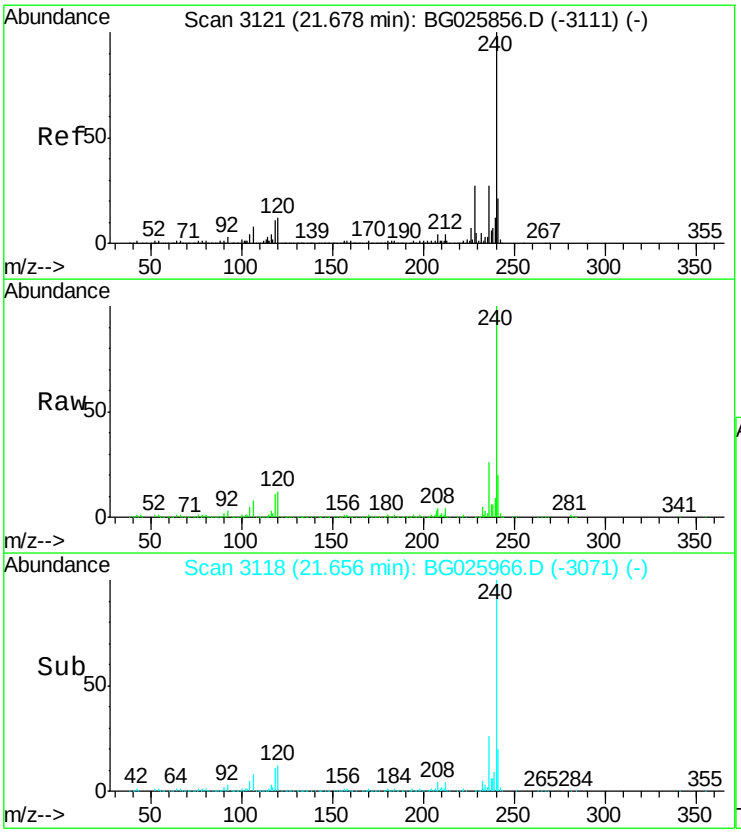
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Instrument :
BNA_G
ClientSampleId :
PB97190BL

Tgt Ion:188 Resp: 736116

Ion	Ratio	Lower	Upper
188	100		
94	9.9	5.8	8.8#
80	10.9	7.5	11.3

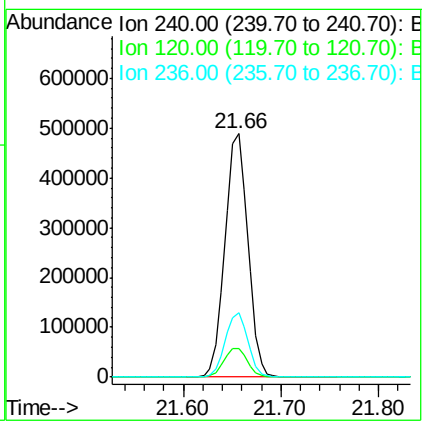


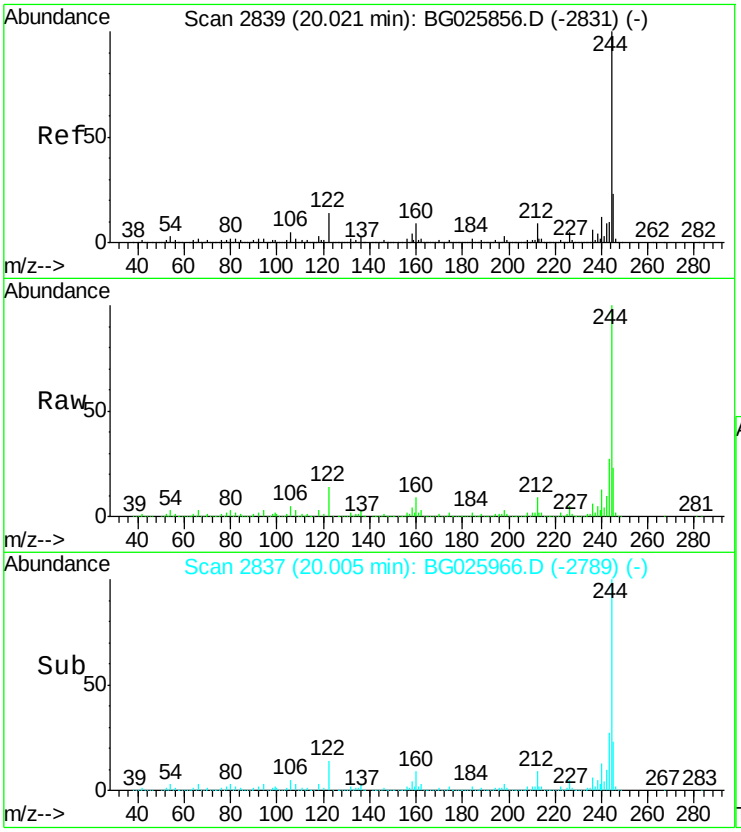


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.66 min Scan# 3118
Delta R.T. -0.02 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Tgt Ion:240 Resp: 799530

Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.7	8.5#
236	26.4	22.2	33.4



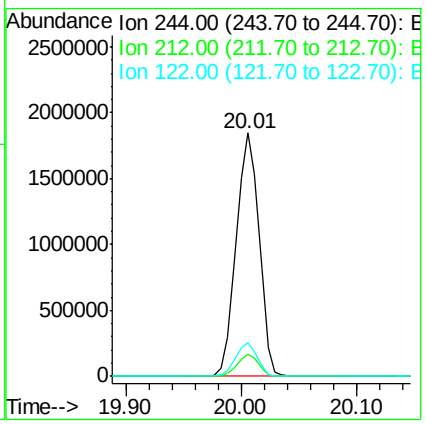


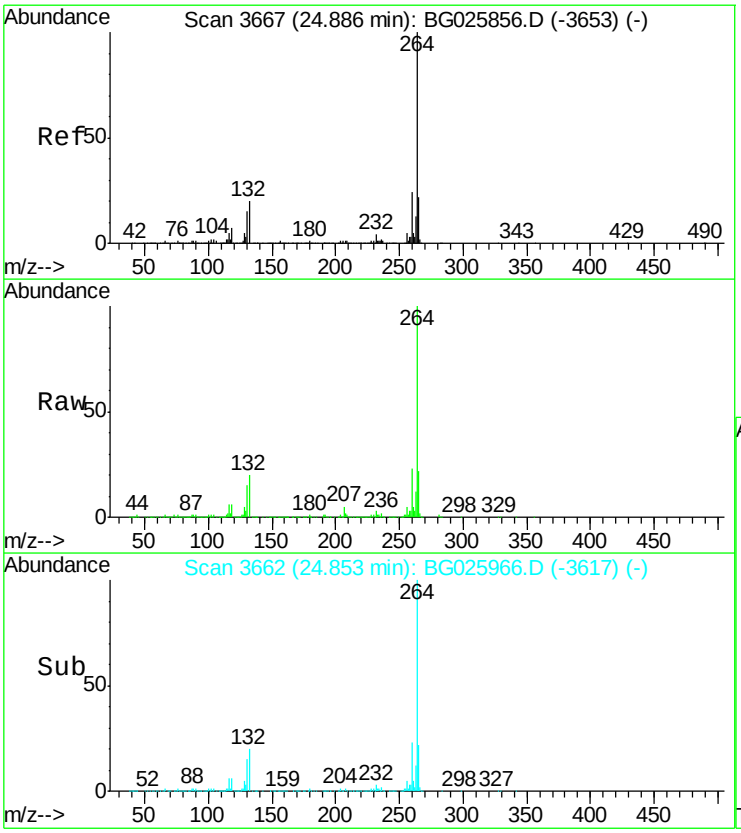
#78
Terphenyl-d14
Concen: 77.15 ng
RT: 20.01 min Scan# 2837
Delta R.T. -0.02 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Instrument :
BNA_G
ClientSampleId :
PB97190BL

Tgt Ion:244 Resp: 2536265

Ion	Ratio	Lower	Upper
244	100		
212	9.1	10.0	15.0#
122	14.1	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 3662
Delta R.T. -0.03 min
Lab File: BG025966.D
Acq: 27 Feb 2017 16:33

Tgt Ion:264 Resp: 776237

Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	21.8	18.2	27.4