Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
Data File : BG022502.D
Acq On : 23 Jun 2016 3:09
Operator : UM/SJ
Sample : PB91536BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB91536BL

Quant Time: Jun 23 05:06:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:27:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	25310	20.00	ng	-0.02
21) Naphthalene-d8	10.79	136	134625	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	98284	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	209569	20.00	ng	-0.01
75) Chrysene-d12	21.62	240	124609	20.00	ng	-0.02
86) Perylene-d12	24.81	264	112976	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	236232	180.46	ng	-0.03
7) Phenol-d6	7.16	99	352144	171.09	ng	-0.03
23) Nitrobenzene-d5	9.15	82	179097	92.75	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	116730	105.11	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	543234	84.23	ng	0.00
78) Terphenyl-d14	19.96	244	581221	110.74	ng	-0.01
Target Compounds						Qvalue

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

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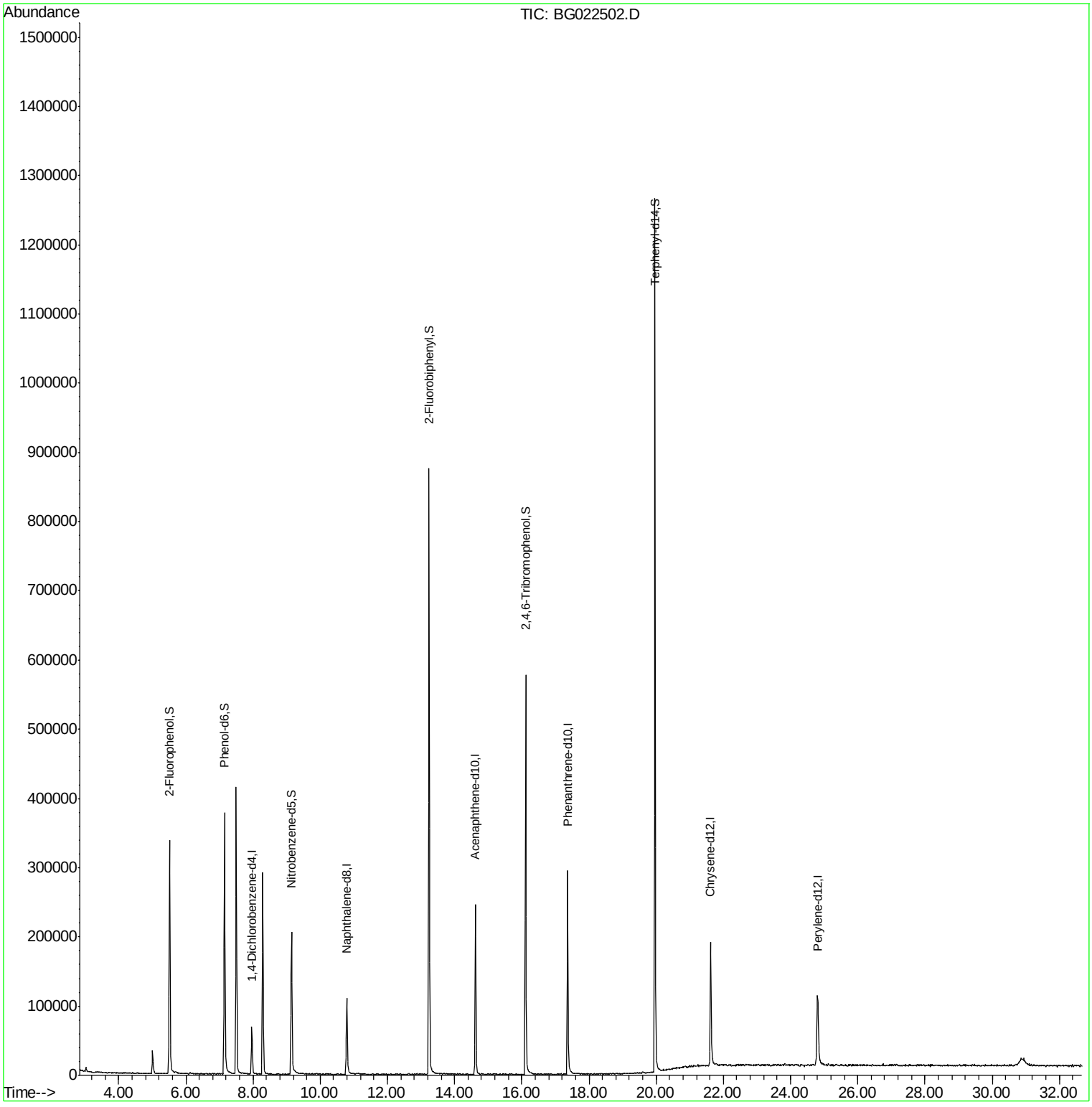
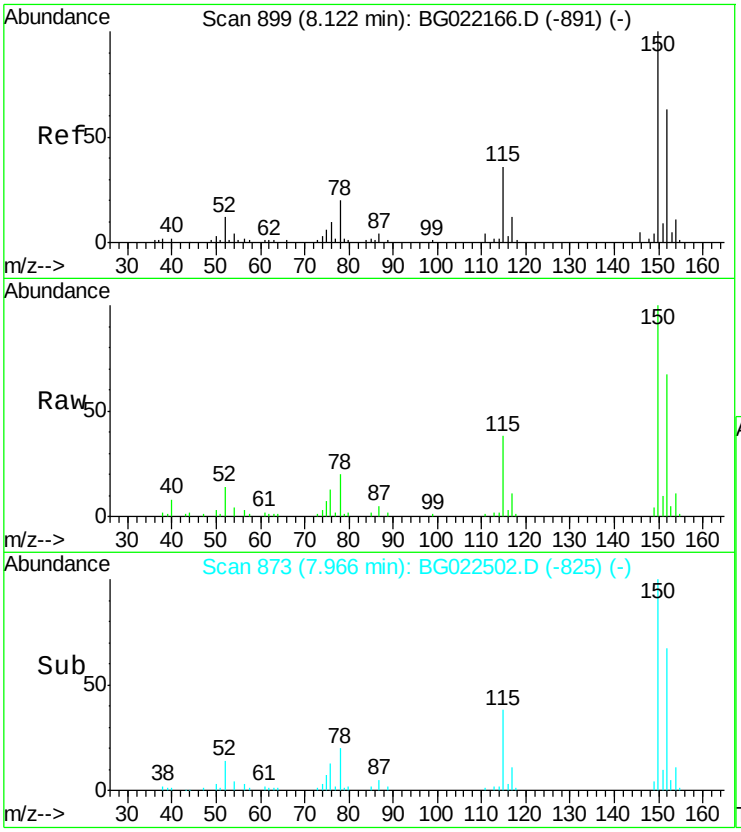


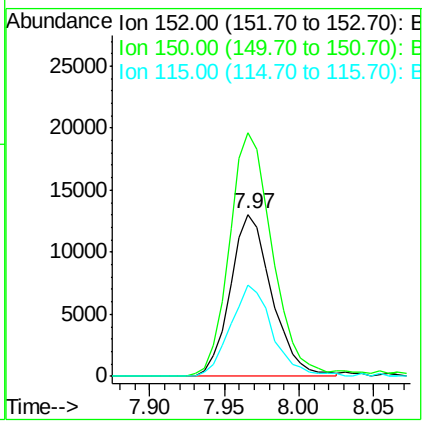


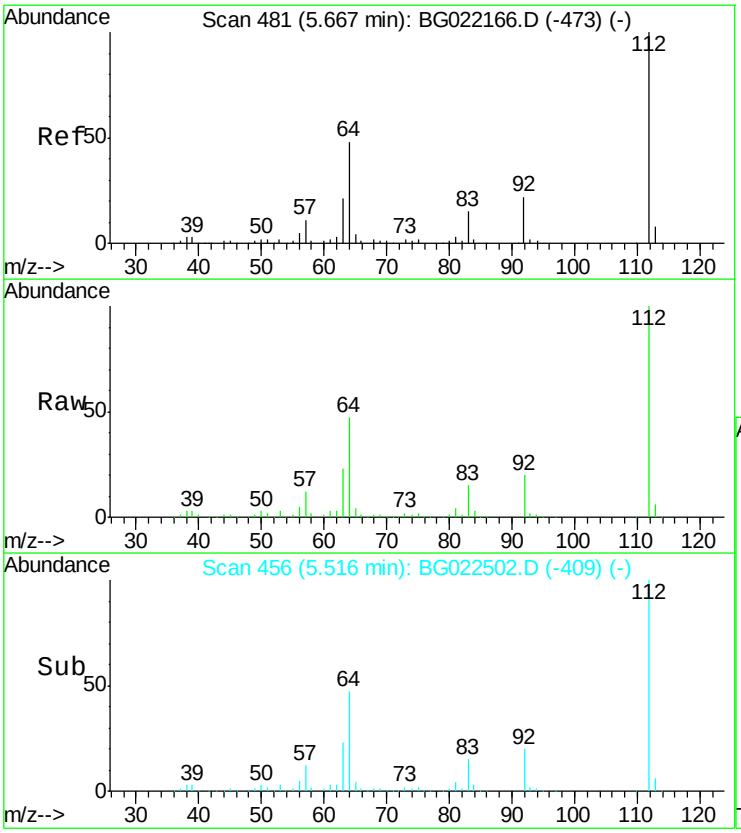
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 873
Delta R.T. -0.02 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Instrument :
BNA_G
ClientSampleId :
PB91536BL

Tgt Ion:152 Resp: 25310

Ion	Ratio	Lower	Upper
152	100		
150	150.2	130.1	195.1
115	56.3	62.2	93.2#

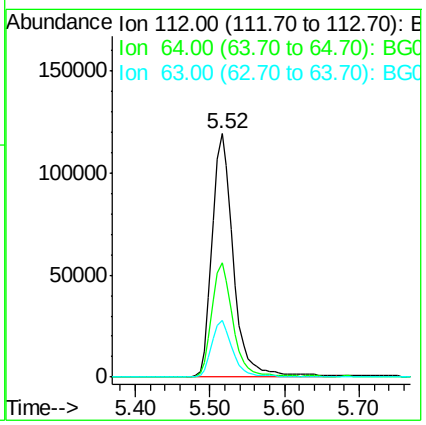


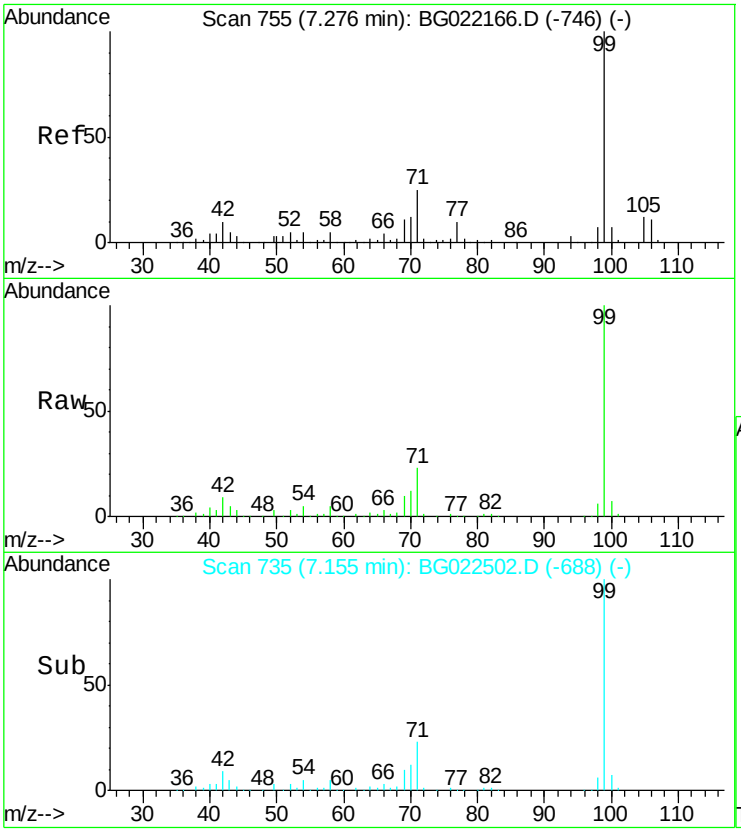


#5
2-Fluorophenol
Concen: 180.46 ng
RT: 5.52 min Scan# 456
Delta R.T. -0.03 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Tgt Ion:112 Resp: 236232

Ion	Ratio	Lower	Upper
112	100		
64	46.9	51.1	76.7#
63	23.3	24.6	37.0#



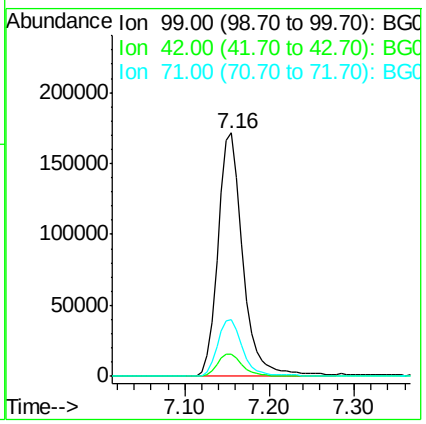


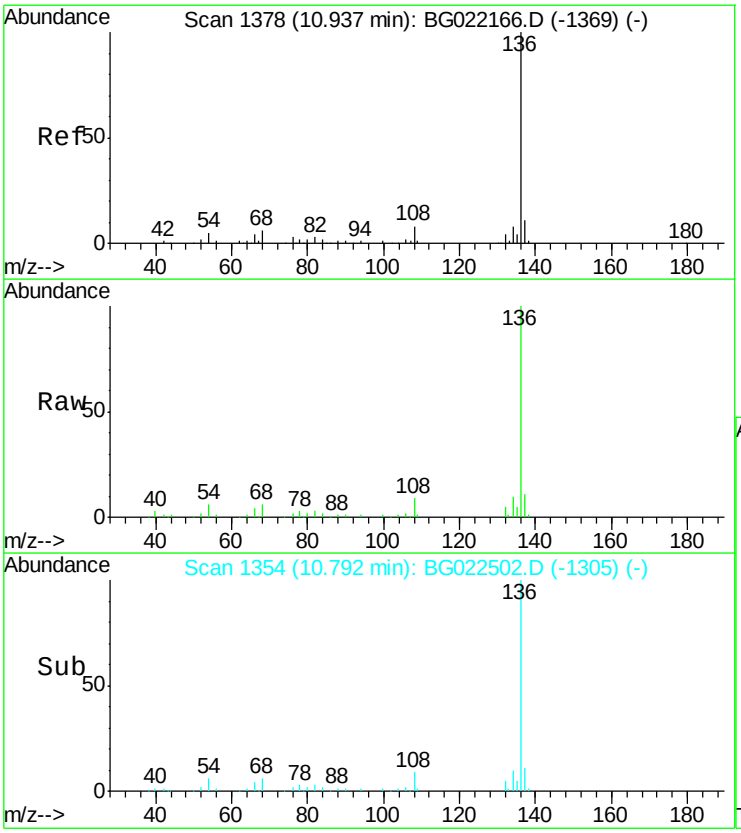
#7
Phenol-d6
Concen: 171.09 ng
RT: 7.16 min Scan# 735
Delta R.T. -0.03 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Instrument :
BNA_G
ClientSampleId :
PB91536BL

Tgt Ion: 99 Resp: 352144

Ion	Ratio	Lower	Upper
99	100		
42	9.3	16.4	24.6#
71	23.5	25.0	37.4#

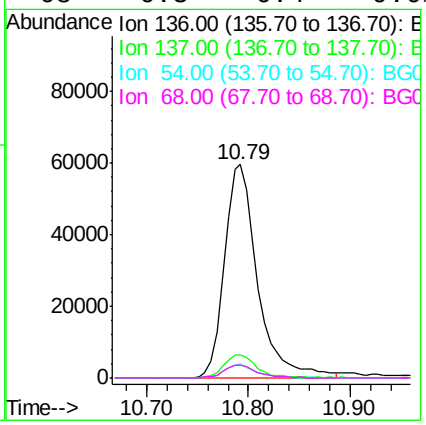


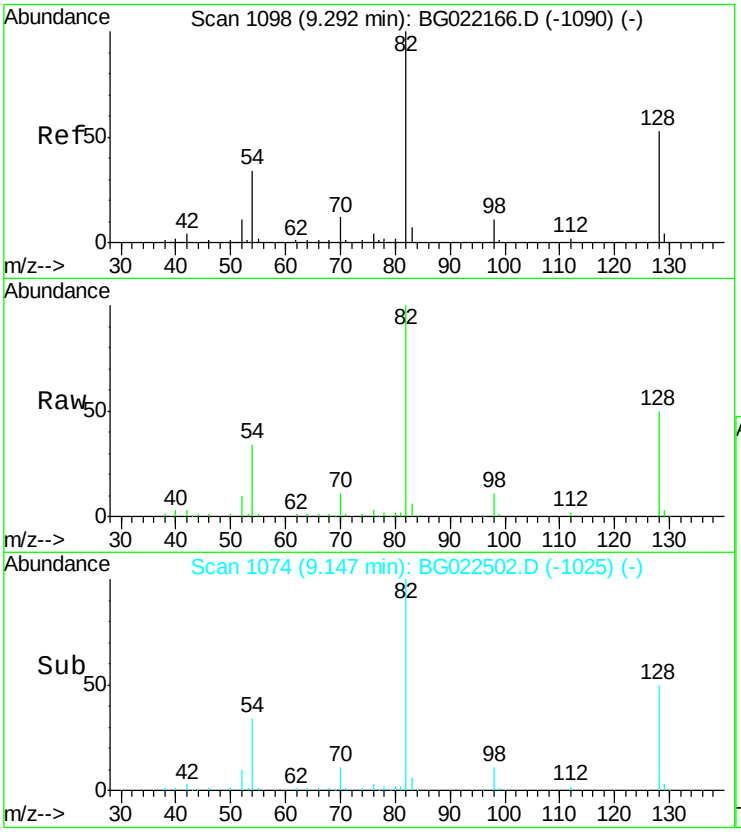


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.79 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Tgt Ion:136 Resp: 134625

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.5	9.6	14.4#
68	6.3	6.4	9.6#



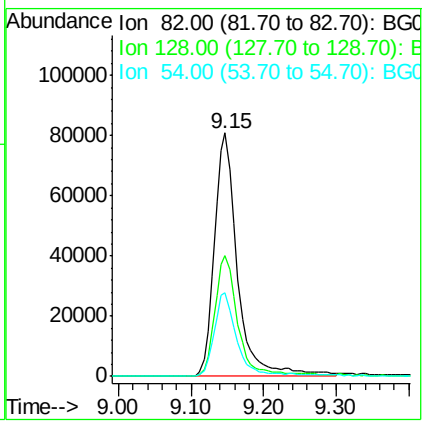


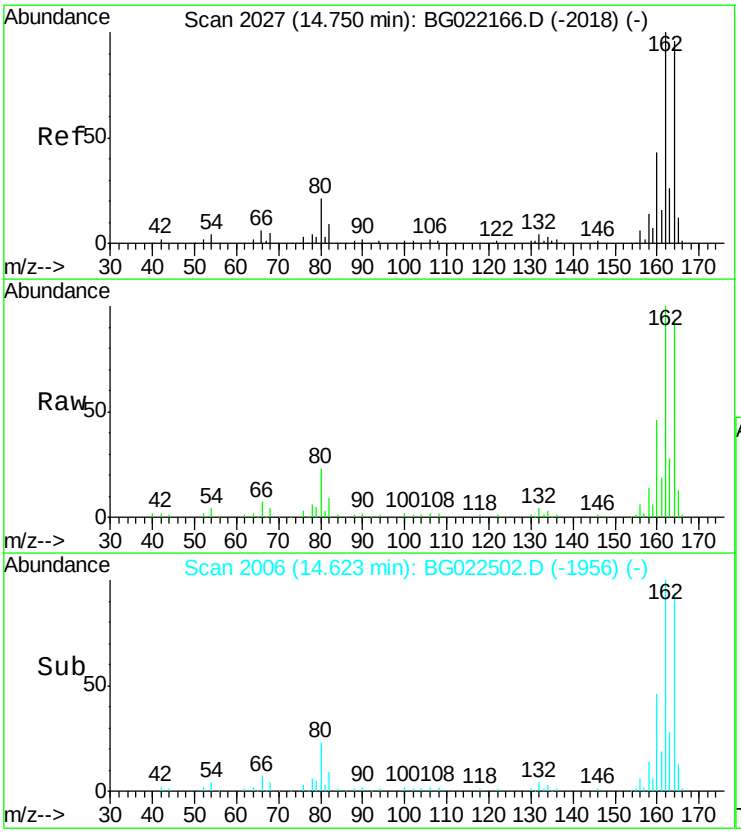
#23
Nitrobenzene-d5
Concen: 92.75 ng
RT: 9.15 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Instrument :
BNA_G
ClientSampleId :
PB91536BL

Tgt Ion: 82 Resp: 179097

Ion	Ratio	Lower	Upper
82	100		
128	49.7	33.4	50.0
54	34.1	46.1	69.1#

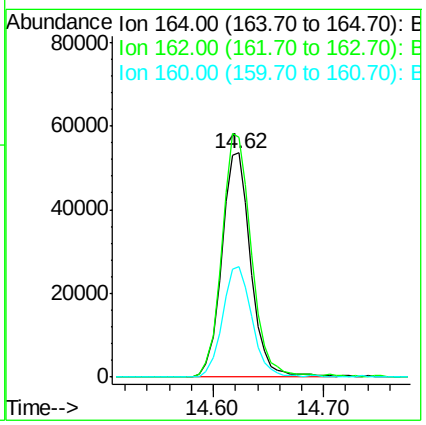


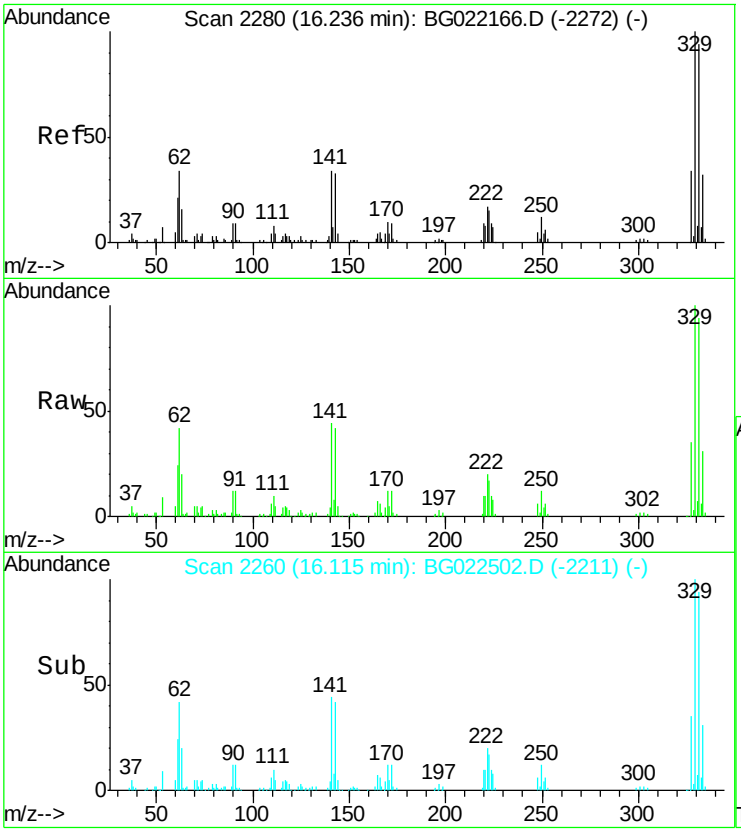


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Tgt Ion:164 Resp: 98284

Ion	Ratio	Lower	Upper
164	100		
162	106.9	78.0	117.0
160	49.2	32.9	49.3



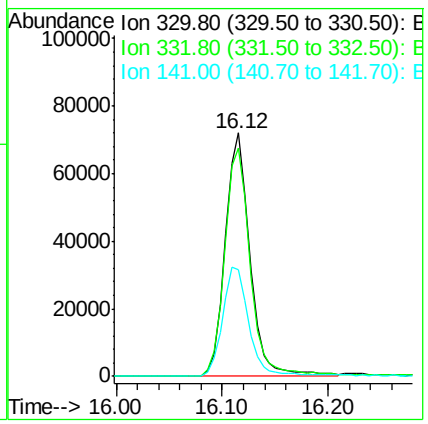


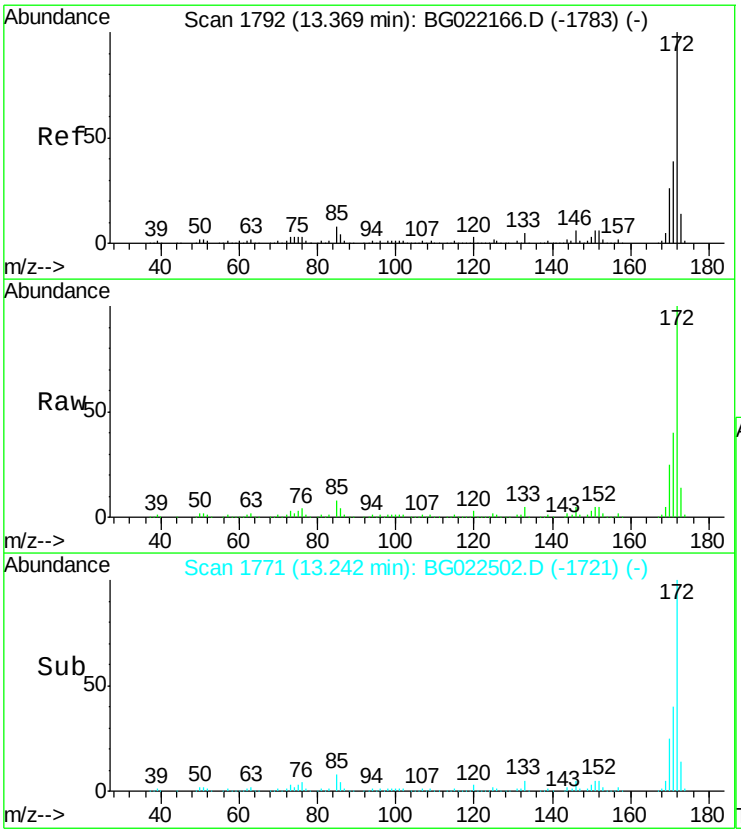
#41
2,4,6-Tribromophenol
Concen: 105.11 ng
RT: 16.12 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Instrument :
BNA_G
ClientSampleId :
PB91536BL

Tgt Ion:330 Resp: 116730

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	48.1	33.8	50.8

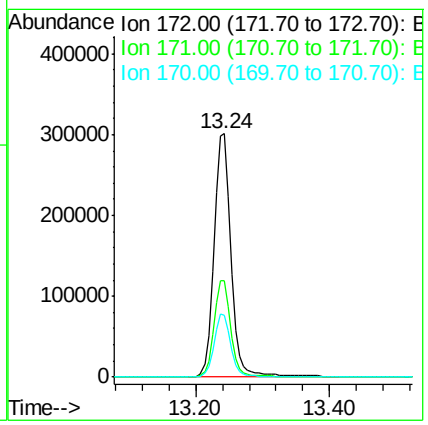


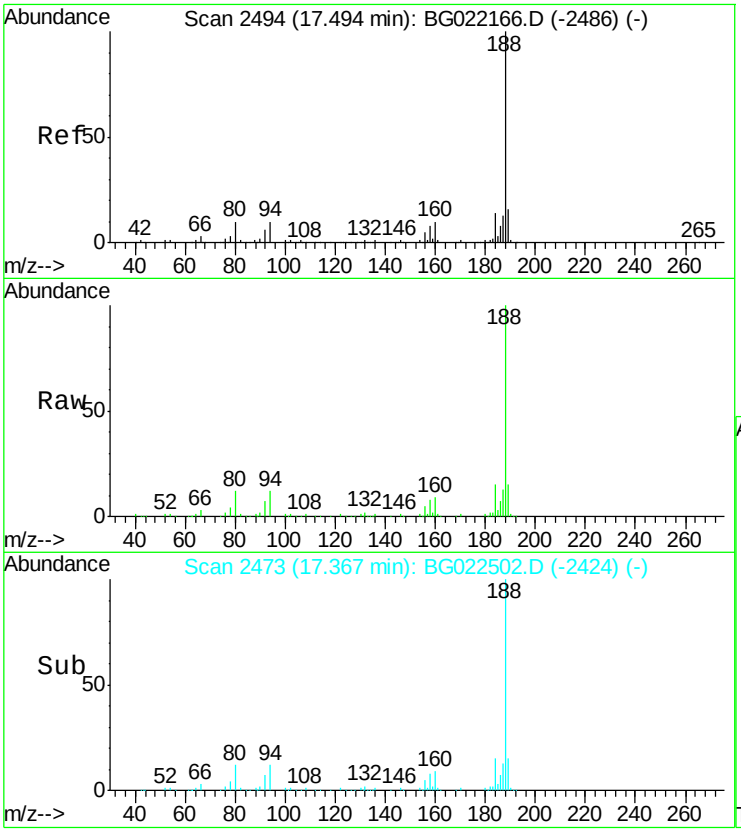


#44
2-Fluorobiphenyl
Concen: 84.23 ng
RT: 13.24 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Tgt Ion:172 Resp: 543234

Ion	Ratio	Lower	Upper
172	100		
171	39.7	27.8	41.6
170	25.5	19.6	29.4



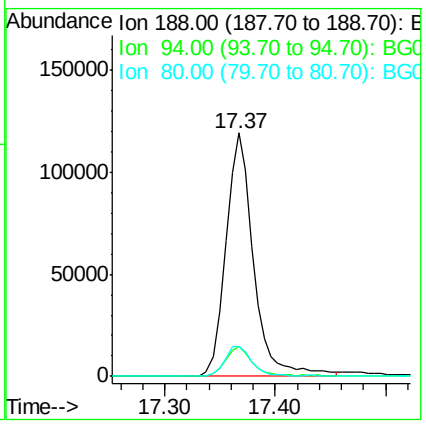


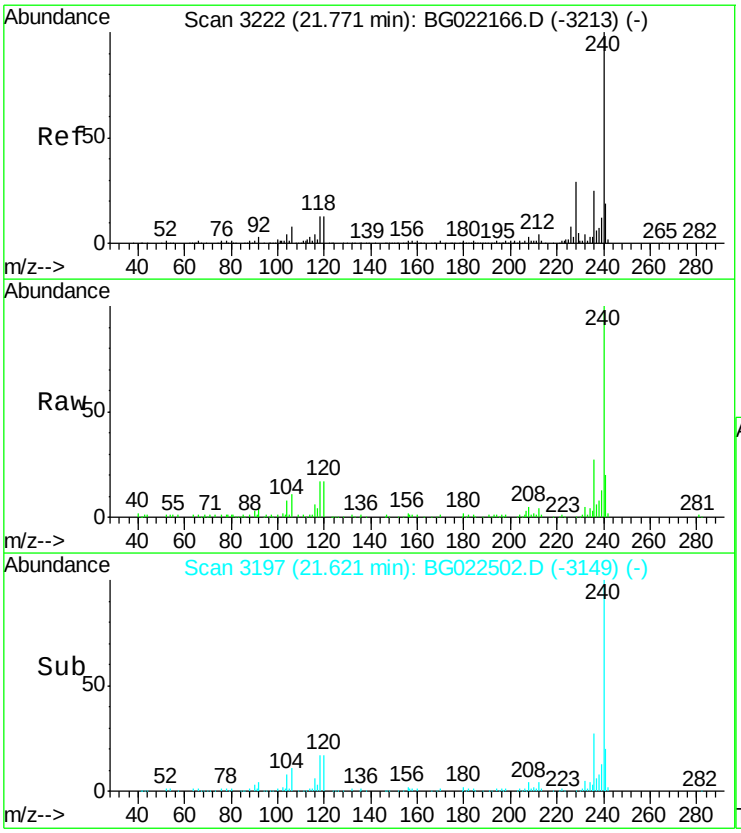
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Instrument :
BNA_G
ClientSampleId :
PB91536BL

Tgt Ion:188 Resp: 209569

Ion	Ratio	Lower	Upper
188	100		
94	12.1	7.5	11.3#
80	12.5	8.6	13.0

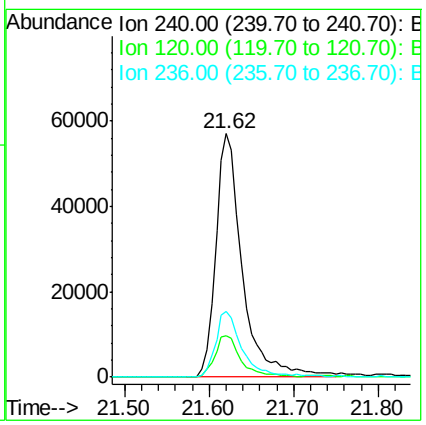


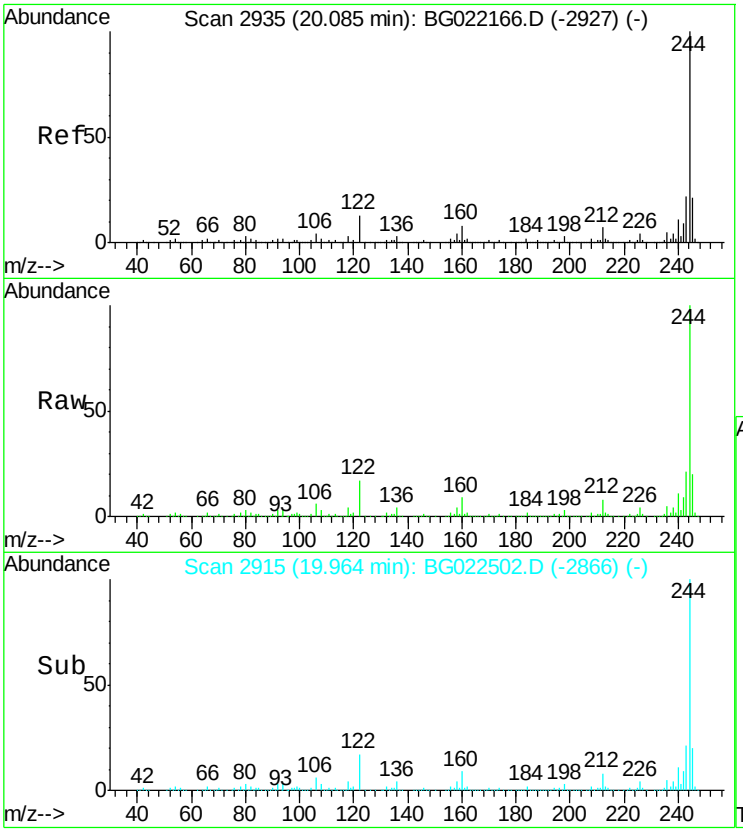


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3197
Delta R.T. -0.02 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Tgt Ion:240 Resp: 124609

Ion	Ratio	Lower	Upper
240	100		
120	16.7	8.4	12.6#
236	27.1	19.6	29.4



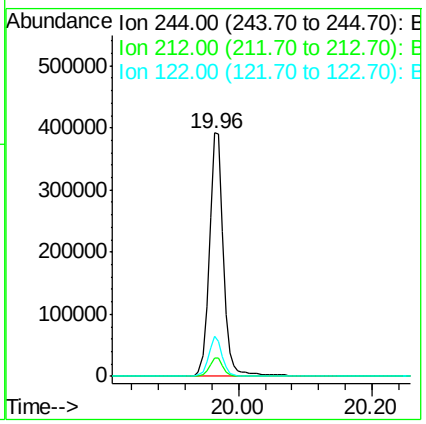


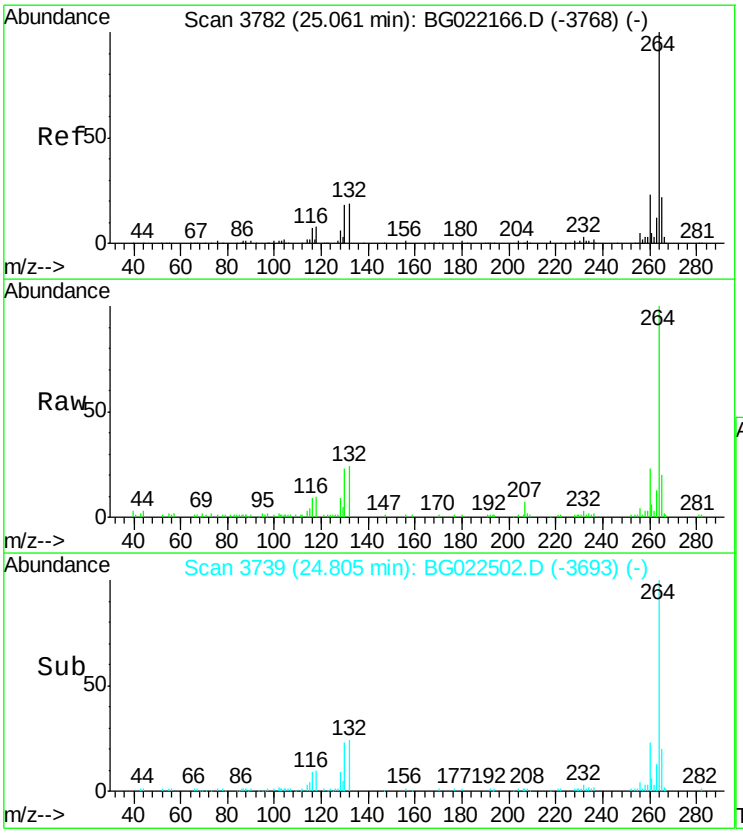
#78
Terphenyl-d14
Concen: 110.74 ng
RT: 19.96 min Scan# 2915
Delta R.T. -0.01 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Instrument : BNA_G
ClientSampleId : PB91536BL

Tgt Ion:244 Resp: 581221

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	16.7	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG022502.D
Acq: 23 Jun 2016 3:09

Tgt Ion:264 Resp: 112976

Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.2	30.4
265	20.3	17.8	26.8