Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060716\
Data File : BG022223.D
Acq On : 8 Jun 2016 3:27
Operator : UM/SJ
Sample : H3425-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP16-LF2MW1

Quant Time: Jun 08 06:10:06 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	22443	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	108014	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	74578	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	180532	20.00	ng	0.00
75) Chrysene-d12	21.76	240	175329	20.00	ng	0.00
86) Perylene-d12	25.06	264	169424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	77746	66.98	ng	0.00
7) Phenol-d6	7.28	99	68593	37.58	ng	0.00
23) Nitrobenzene-d5	9.29	82	143562	92.66	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	123296	146.31	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	434183	88.72	ng	0.00
78) Terphenyl-d14	20.08	244	715141	96.84	ng	0.00
Target Compounds						Qvalue

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

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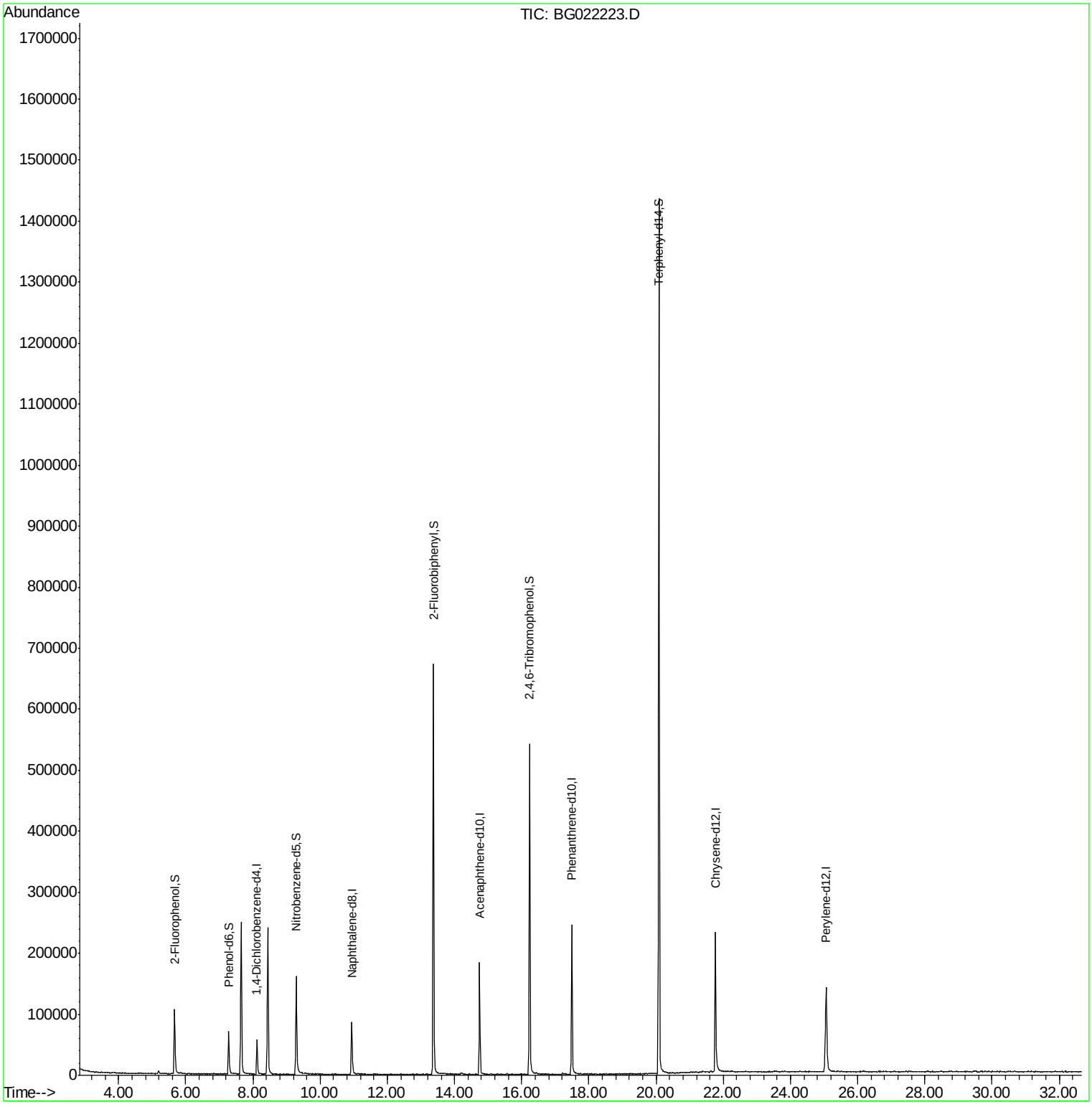
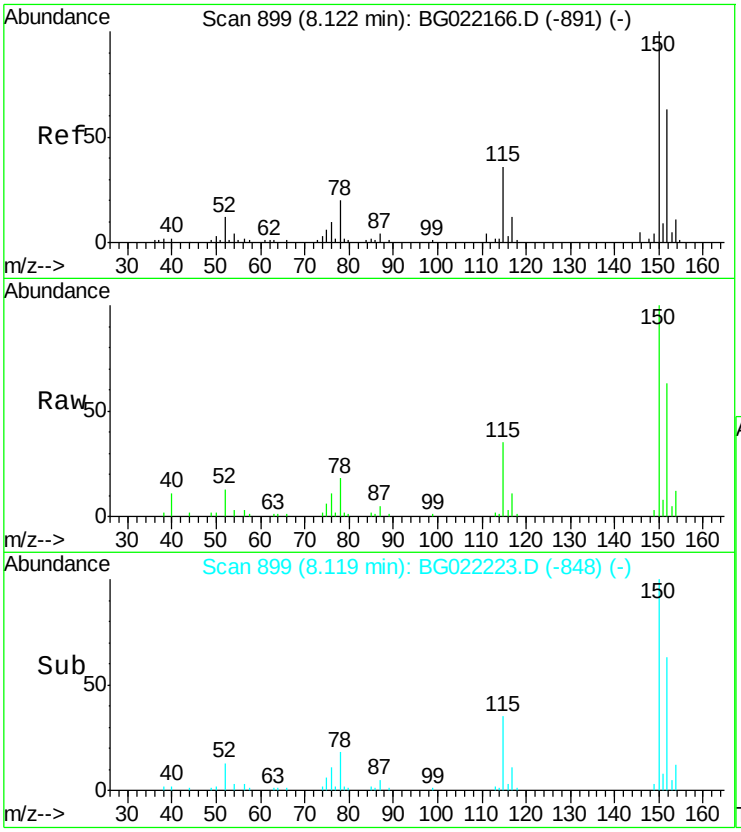


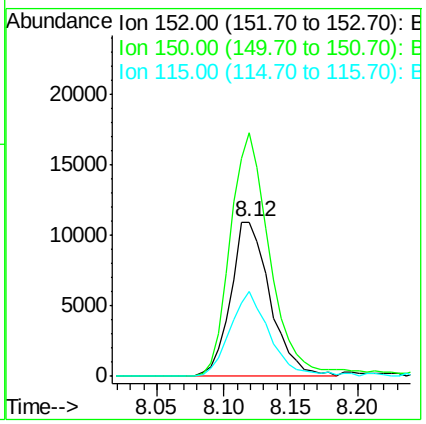


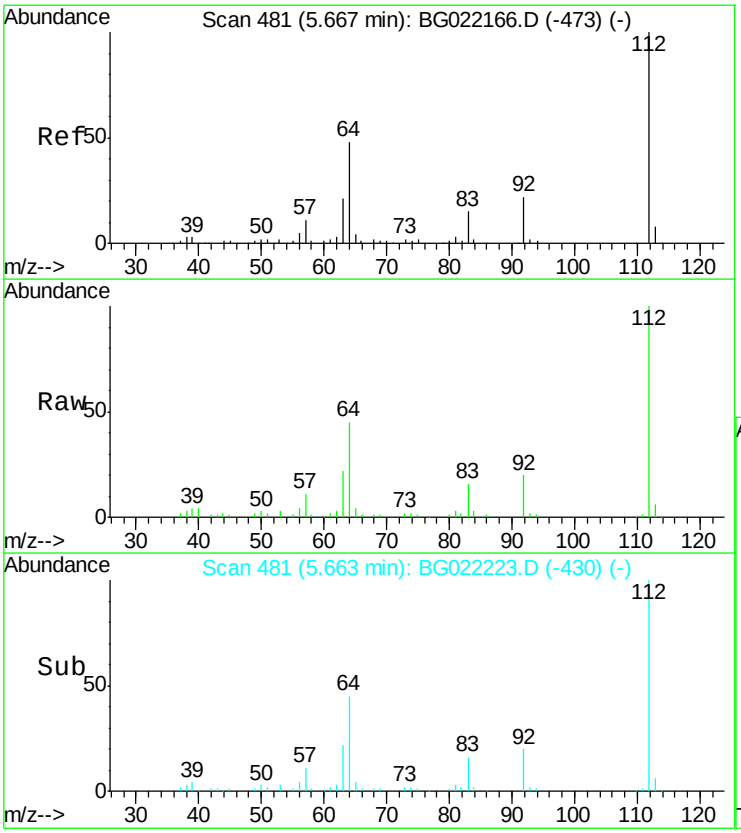
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG022223.D
Acq: 8 Jun 2016 3:27

Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW1

Tgt Ion:152 Resp: 22443

Ion	Ratio	Lower	Upper
152	100		
150	157.5	130.1	195.1
115	54.8	62.2	93.2#

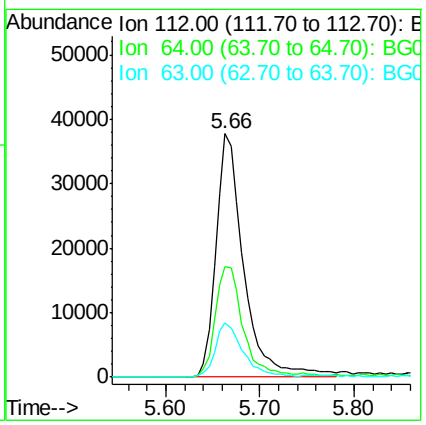


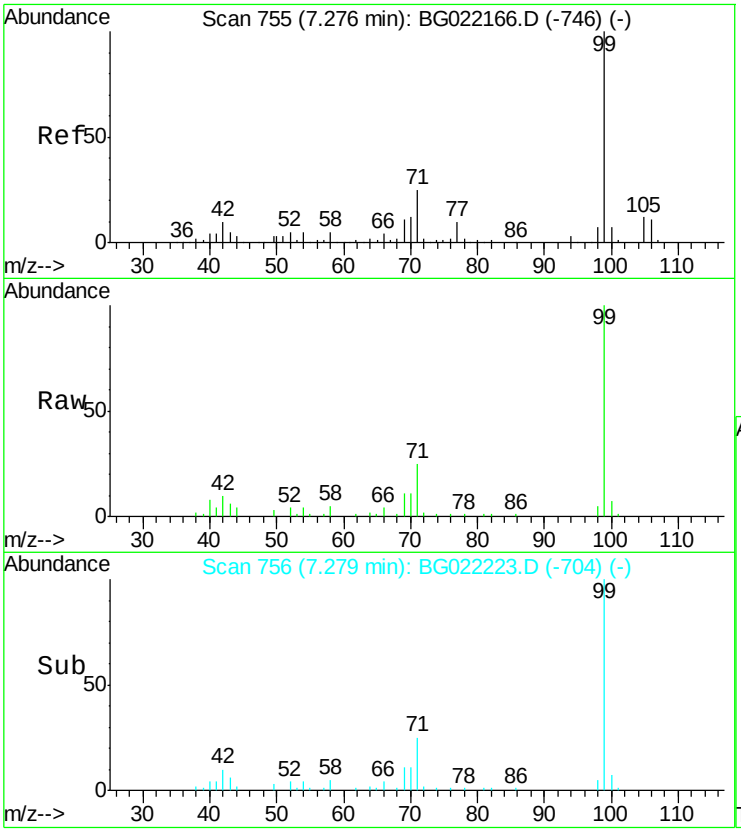


#5
2-Fluorophenol
Concen: 66.98 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG022223.D
Acq: 8 Jun 2016 3:27

Tgt Ion:112 Resp: 77746

Ion	Ratio	Lower	Upper
112	100		
64	45.2	51.1	76.7#
63	22.5	24.6	37.0#



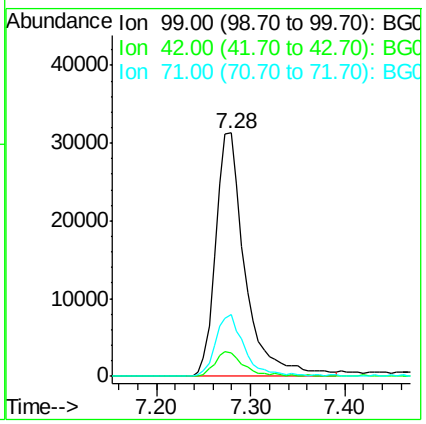


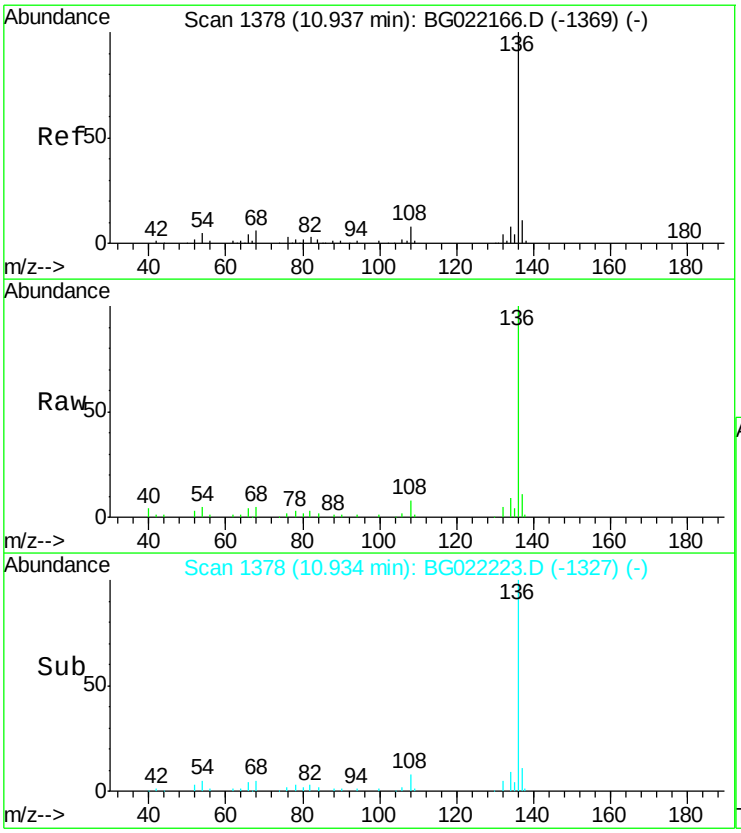
#7
Phenol-d6
Concen: 37.58 ng
RT: 7.28 min Scan# 756
Delta R.T. 0.00 min
Lab File: BG022223.D
Acq: 8 Jun 2016 3:27

Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW1

Tgt Ion: 99 Resp: 68593

Ion	Ratio	Lower	Upper
99	100		
42	9.8	16.4	24.6#
71	25.2	25.0	37.4

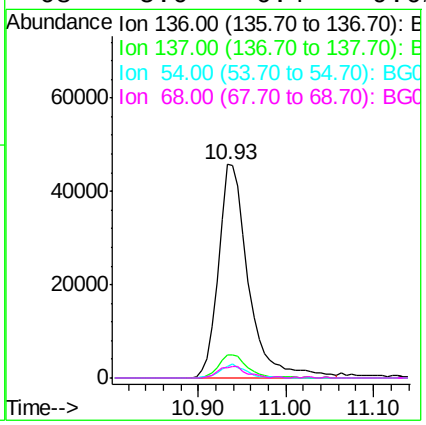


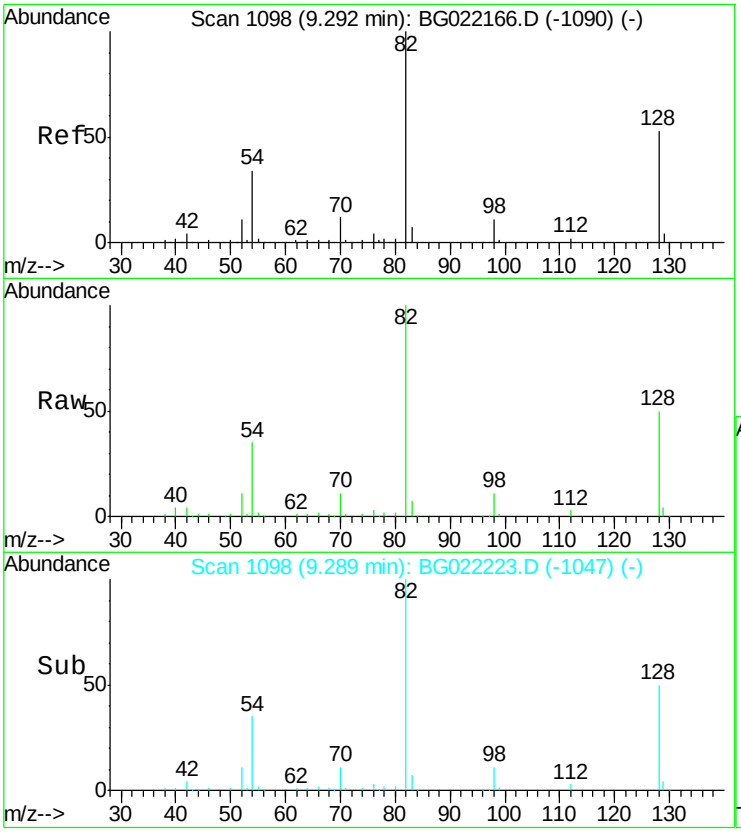


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022223.D
Acq: 8 Jun 2016 3:27

Tgt Ion:136 Resp: 108014

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	5.4	9.6	14.4#
68	5.0	6.4	9.6#



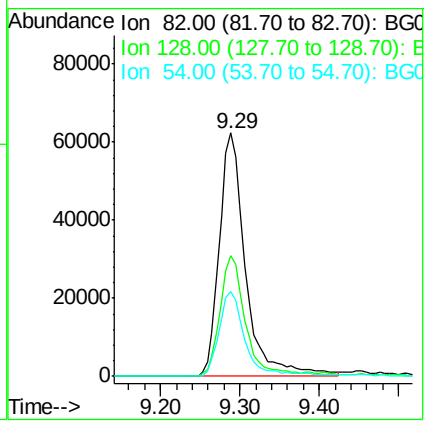


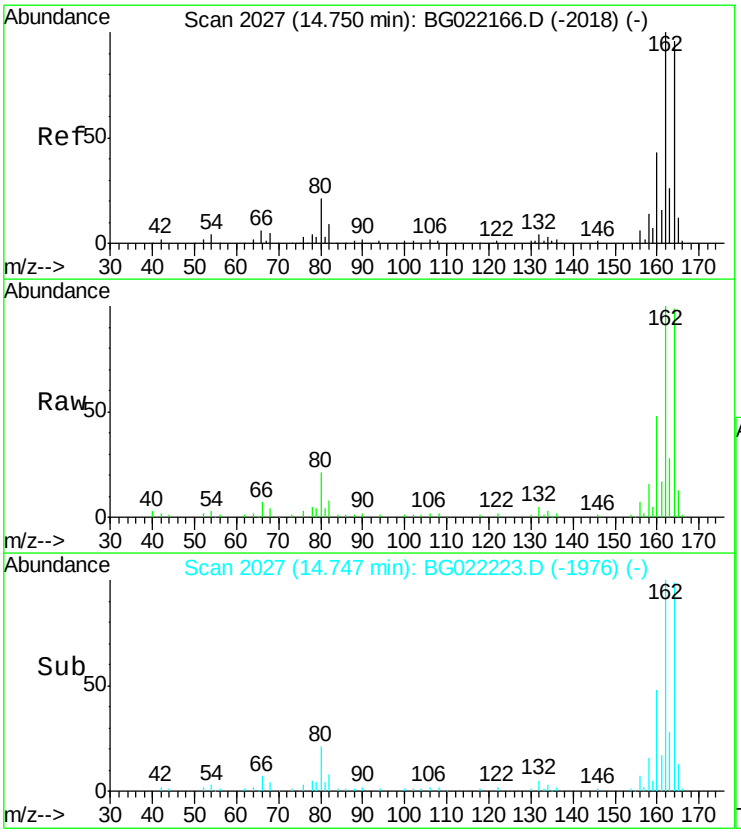
#23
Nitrobenzene-d5
Concen: 92.66 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022223.D
Acq: 8 Jun 2016 3:27

Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW1

Tgt Ion: 82 Resp: 143562

Ion	Ratio	Lower	Upper
82	100		
128	49.6	33.4	50.0
54	34.7	46.1	69.1#

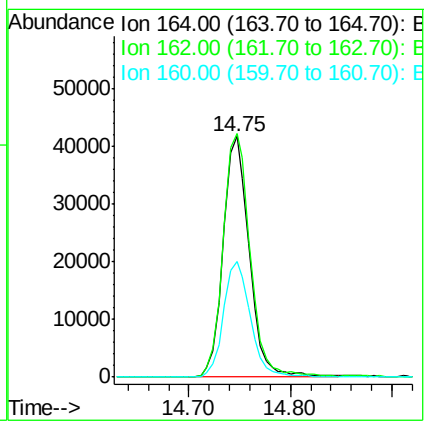


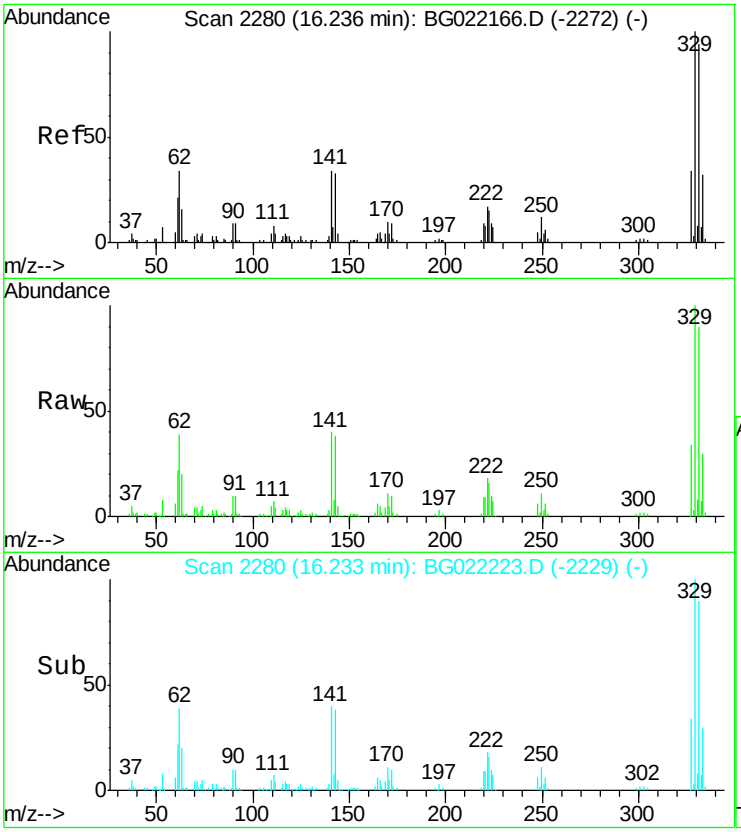


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022223.D
Acq: 8 Jun 2016 3:27

Tgt Ion:164 Resp: 74578

Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.0	117.0
160	48.2	32.9	49.3



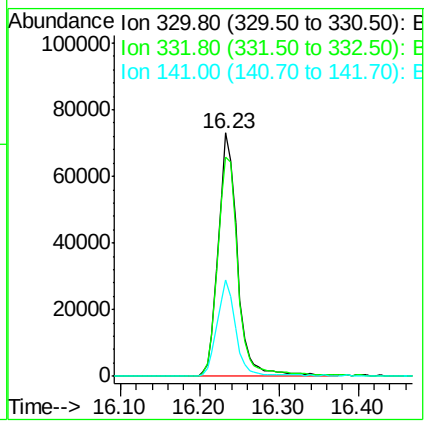


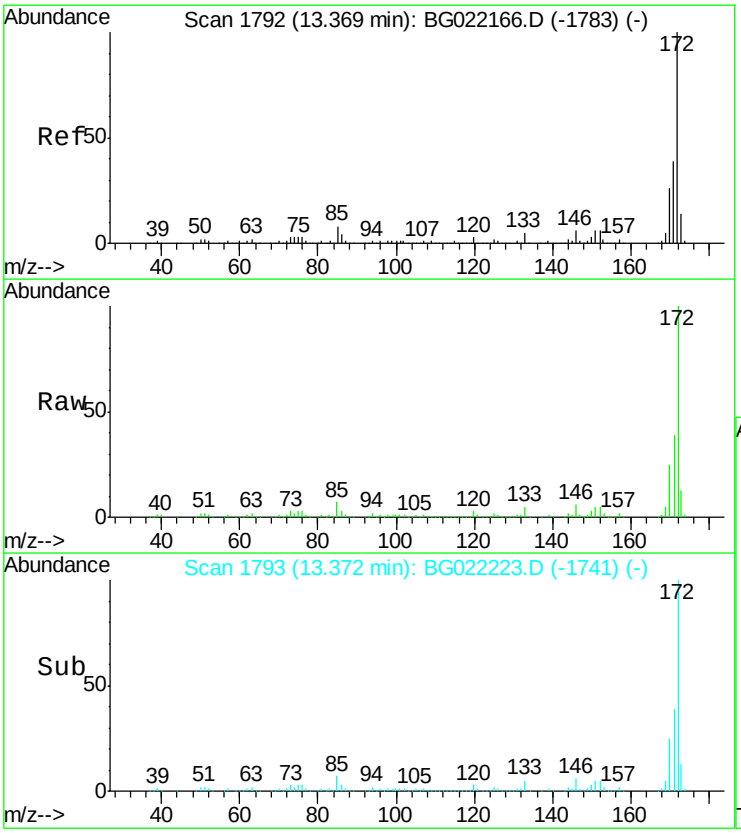
#41
2,4,6-Tribromophenol
Concen: 146.31 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG022223.D
Acq: 8 Jun 2016 3:27

Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW1

Tgt Ion:330 Resp: 123296

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.0	117.0
141	38.3	33.8	50.8

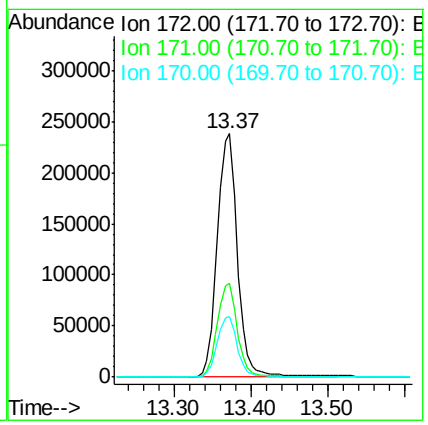


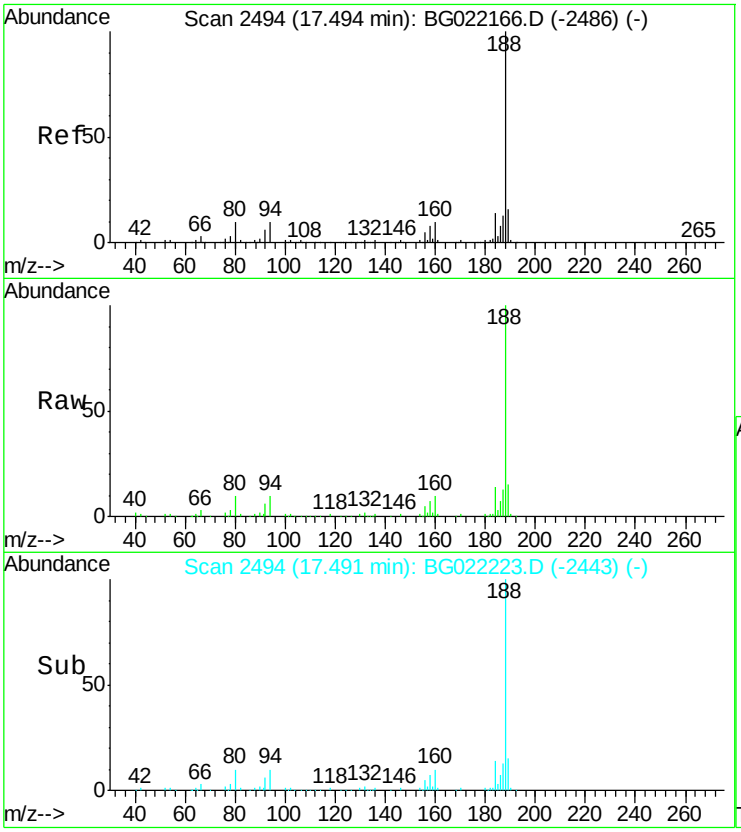


#44
2-Fluorobiphenyl
Concen: 88.72 ng
RT: 13.37 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG022223.D
Acq: 8 Jun 2016 3:27

Tgt Ion:172 Resp: 434183

Ion	Ratio	Lower	Upper
172	100		
171	38.5	27.8	41.6
170	24.9	19.6	29.4



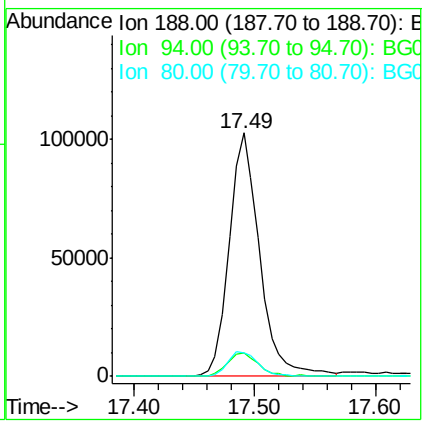


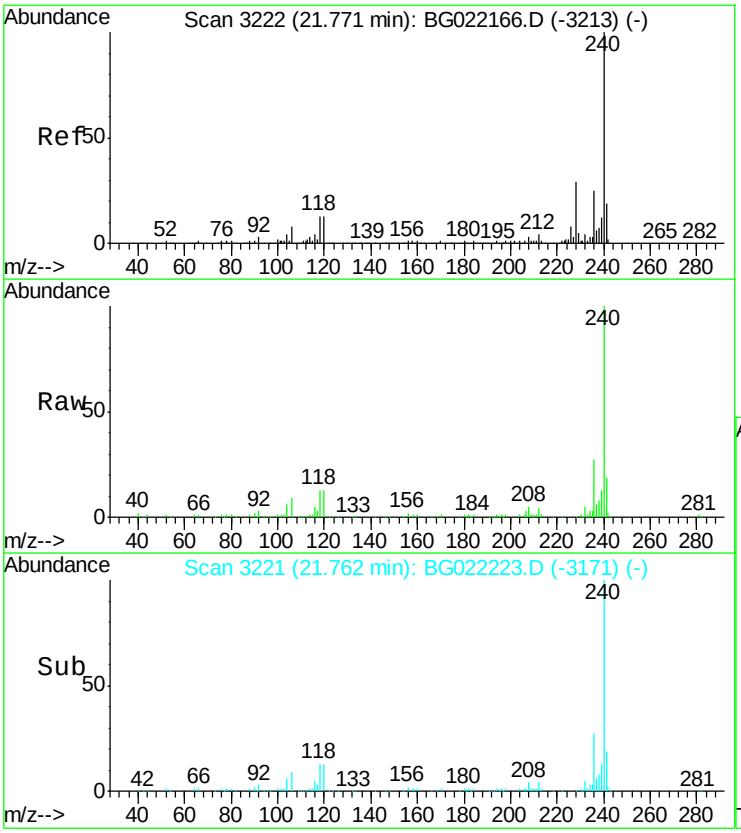
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022223.D
Acq: 8 Jun 2016 3:27

Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW1

Tgt Ion:188 Resp: 180532

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.5	11.3
80	9.6	8.6	13.0

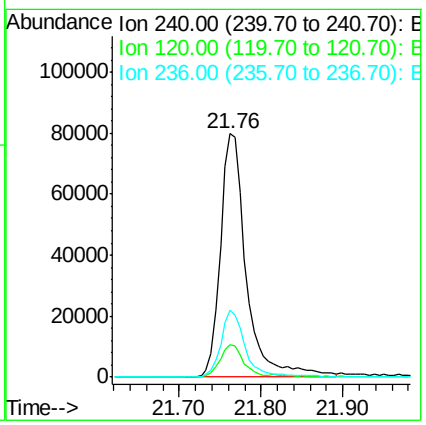


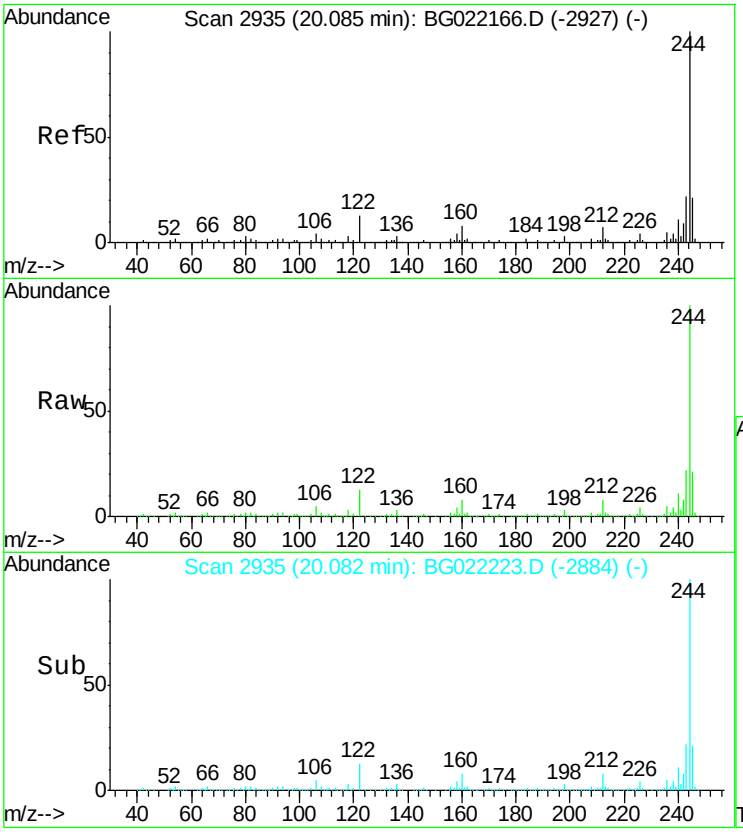


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022223.D
Acq: 8 Jun 2016 3:27

Tgt Ion:240 Resp: 175329

Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.4	12.6#
236	27.4	19.6	29.4



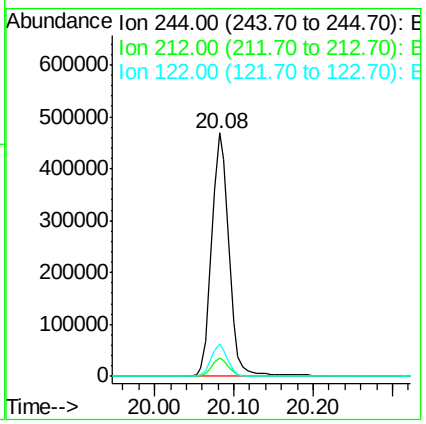


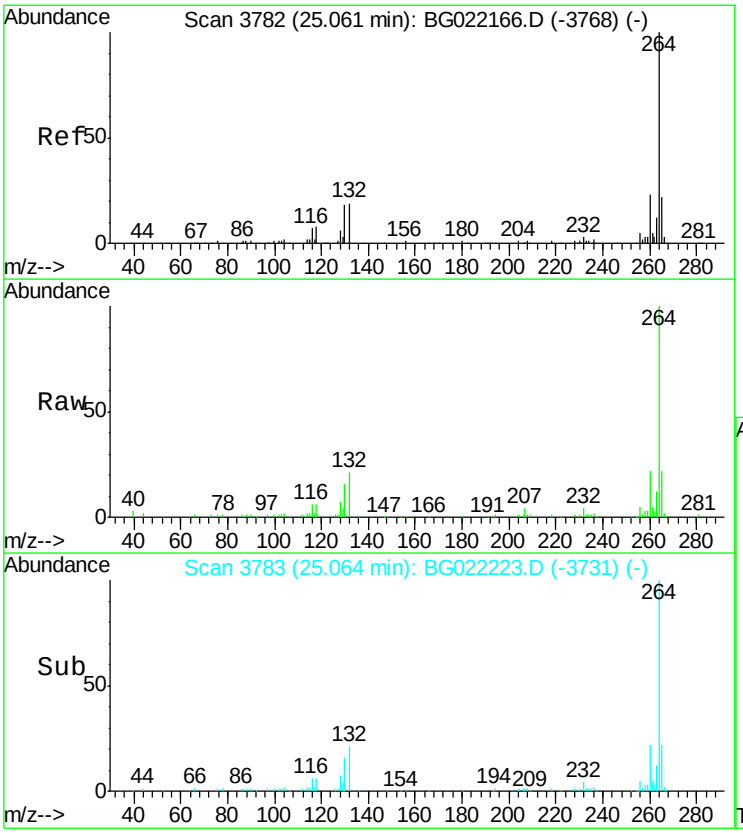
#78
Terphenyl-d14
Concen: 96.84 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.00 min
Lab File: BG022223.D
Acq: 8 Jun 2016 3:27

Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW1

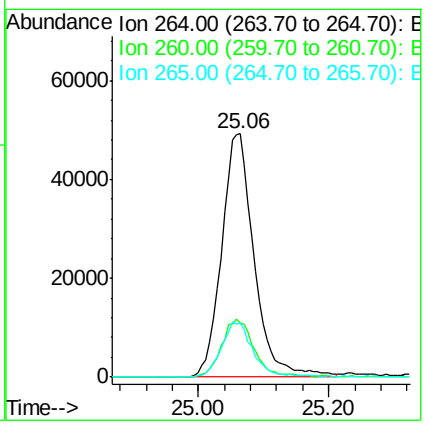
Tgt Ion:244 Resp: 715141

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	13.4	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3783
Delta R.T. 0.00 min
Lab File: BG022223.D
Acq: 8 Jun 2016 3:27

Tgt Ion:264 Resp: 169424

Ion	Ratio	Lower	Upper
264	100		
260	22.4	20.2	30.4
265	22.3	17.8	26.8