Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060716\
Data File : BG022216.D
Acq On : 7 Jun 2016 22:48
Operator : UM/SJ
Sample : H3399-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-4

Quant Time: Jun 08 03:13:01 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	20905	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	101366	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	68816	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	168622	20.00	ng	0.00
75) Chrysene-d12	21.77	240	164306	20.00	ng	0.00
86) Perylene-d12	25.07	264	154553	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	78516	72.62	ng	0.00
7) Phenol-d6	7.27	99	72733	42.78	ng	0.00
23) Nitrobenzene-d5	9.29	82	139484	95.93	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	114307	147.00	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	430516	95.34	ng	0.00
78) Terphenyl-d14	20.08	244	706165	102.04	ng	0.00
Target Compounds						Qvalue

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

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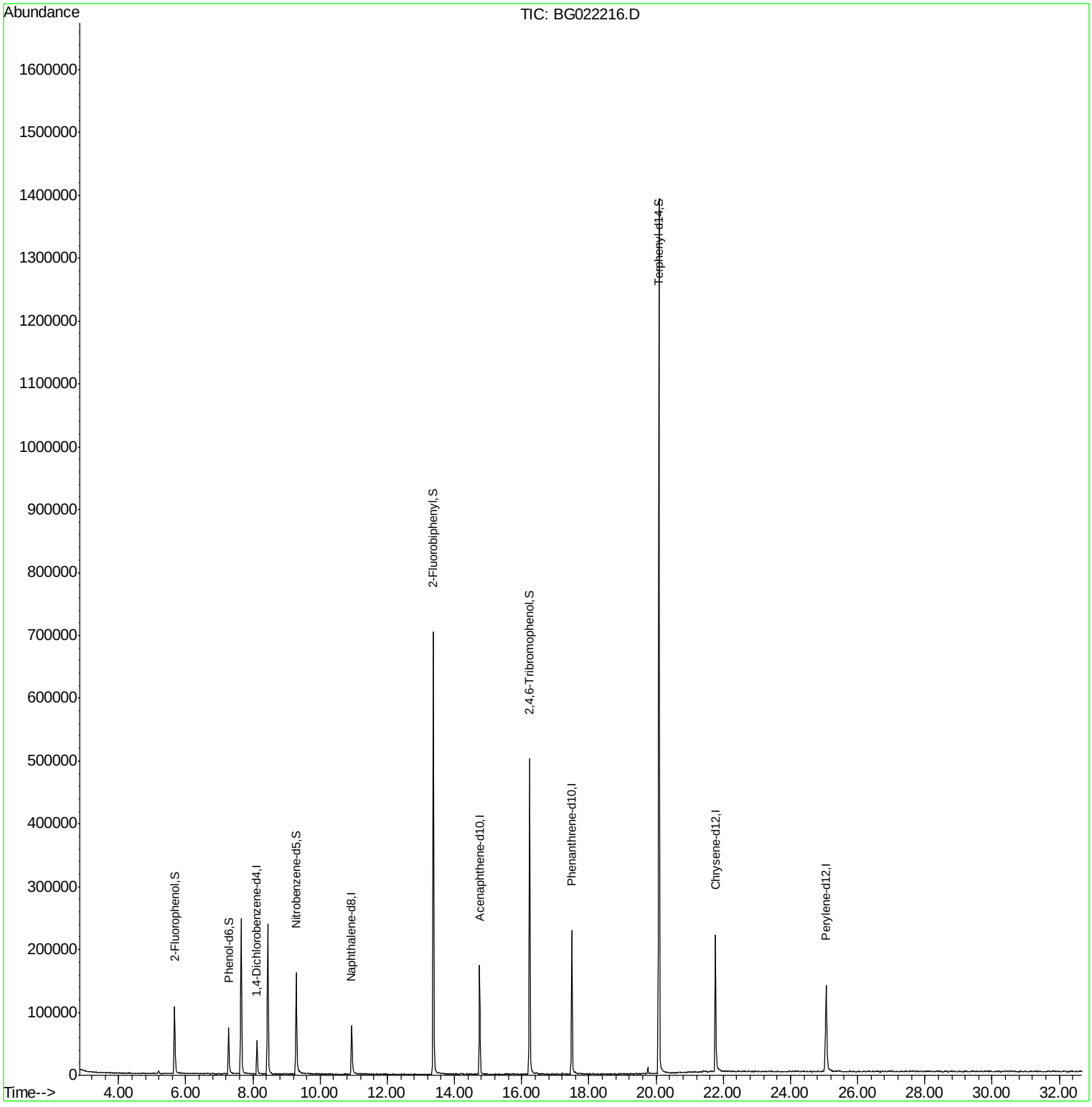
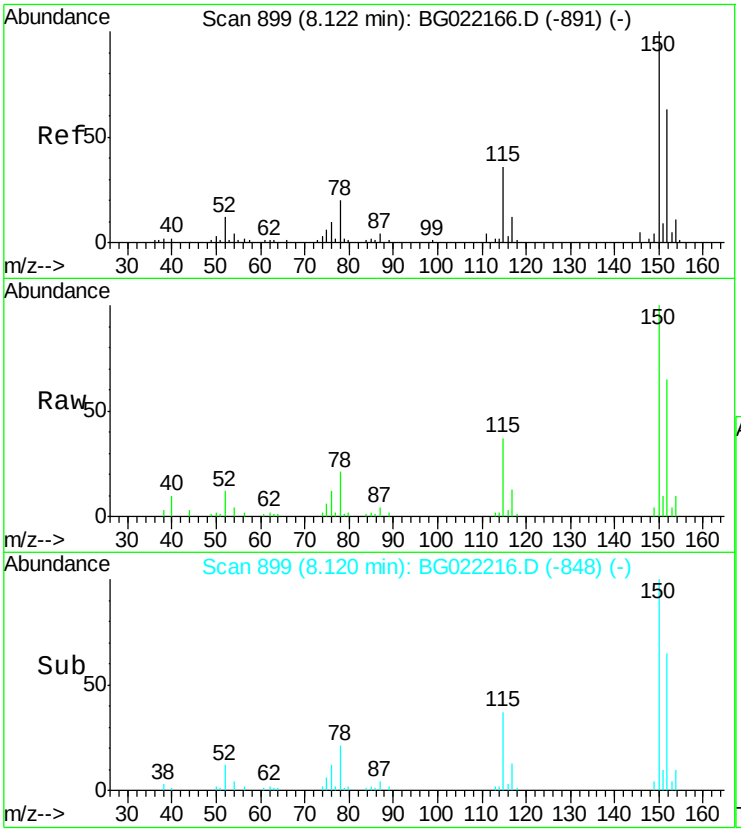


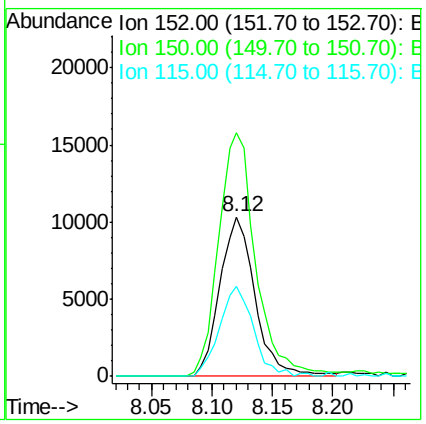


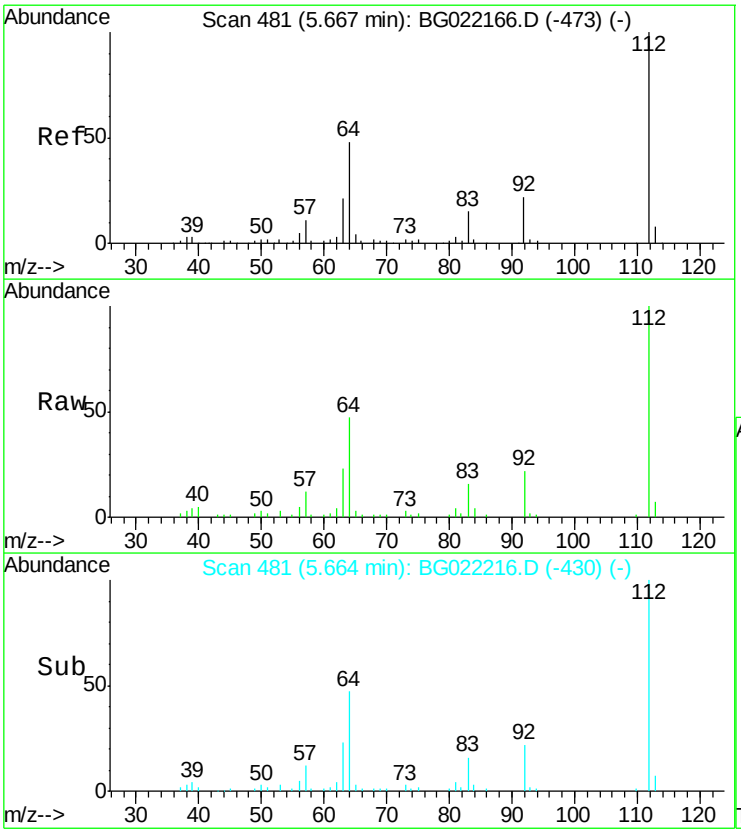
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG022216.D
Acq: 7 Jun 2016 22:48

Instrument :
BNA_G
ClientSampleId :
GW-4

Tgt Ion:152 Resp: 20905

Ion	Ratio	Lower	Upper
152	100		
150	152.8	130.1	195.1
115	56.3	62.2	93.2#

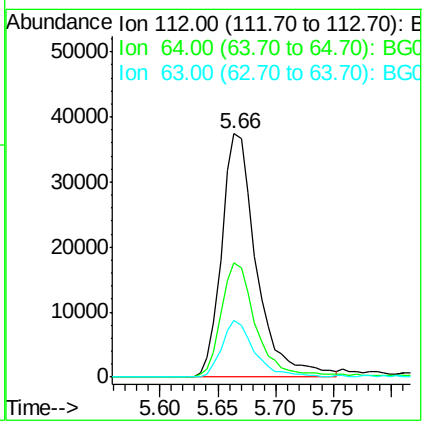


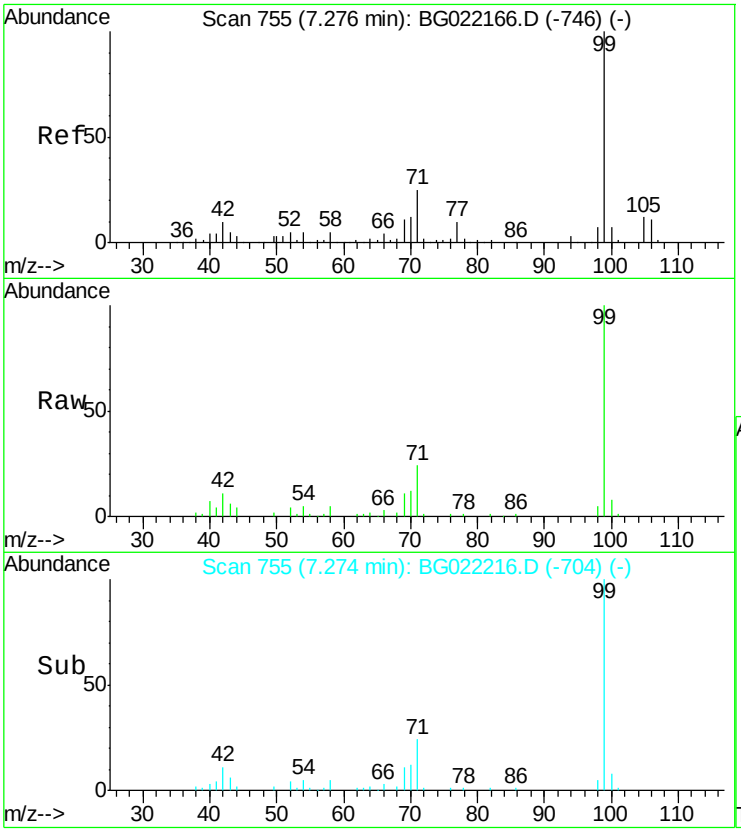


#5
2-Fluorophenol
Concen: 72.62 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG022216.D
Acq: 7 Jun 2016 22:48

Tgt Ion:112 Resp: 78516

Ion	Ratio	Lower	Upper
112	100		
64	46.8	51.1	76.7#
63	23.2	24.6	37.0#



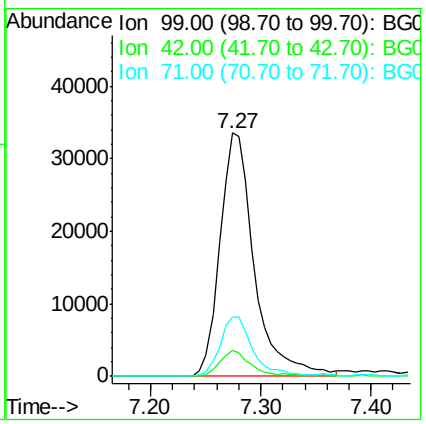


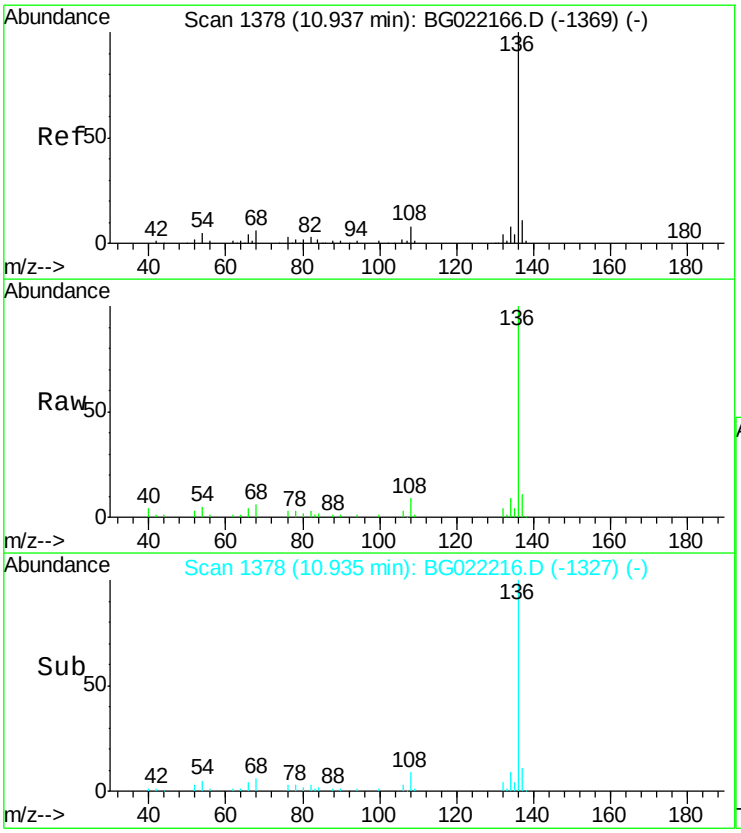
#7
Phenol-d6
Concen: 42.78 ng
RT: 7.27 min Scan# 755
Delta R.T. -0.00 min
Lab File: BG022216.D
Acq: 7 Jun 2016 22:48

Instrument :
BNA_G
ClientSampleId :
GW-4

Tgt Ion: 99 Resp: 72733

Ion	Ratio	Lower	Upper
99	100		
42	10.5	16.4	24.6#
71	24.4	25.0	37.4#

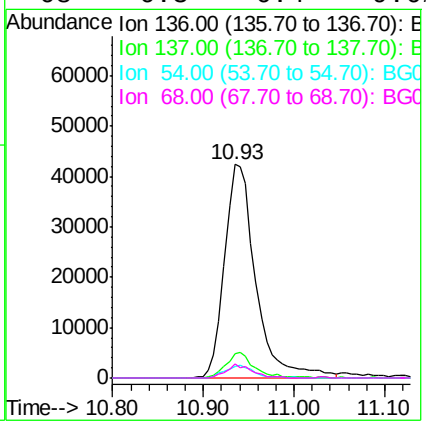


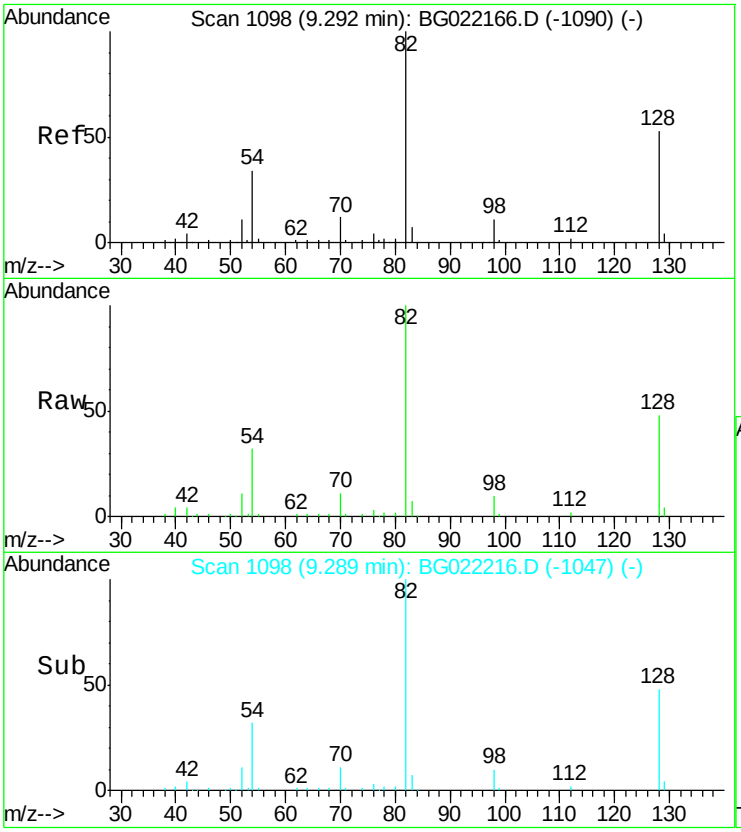


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG022216.D
Acq: 7 Jun 2016 22:48

Tgt Ion:136 Resp: 101366

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	5.4	9.6	14.4#
68	6.3	6.4	9.6#



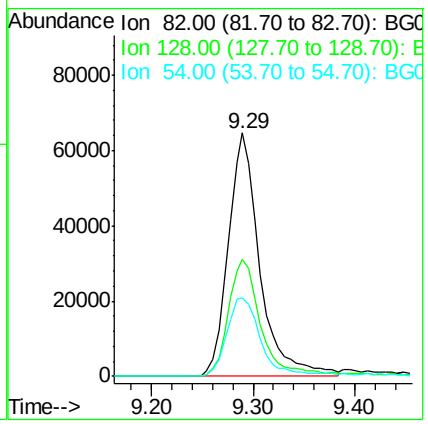


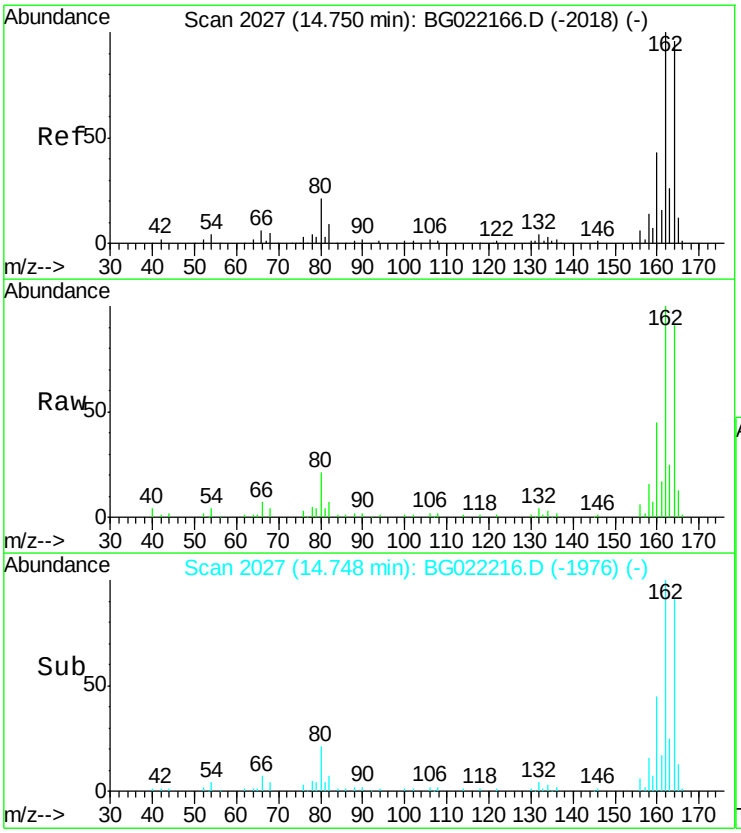
#23
Nitrobenzene-d5
Concen: 95.93 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022216.D
Acq: 7 Jun 2016 22:48

Instrument :
BNA_G
ClientSampleId :
GW-4

Tgt Ion: 82 Resp: 139484

Ion	Ratio	Lower	Upper
82	100		
128	48.1	33.4	50.0
54	32.2	46.1	69.1#

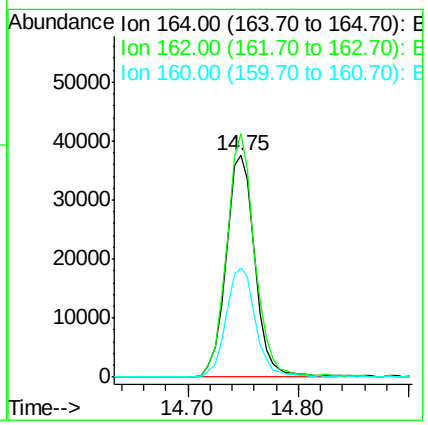


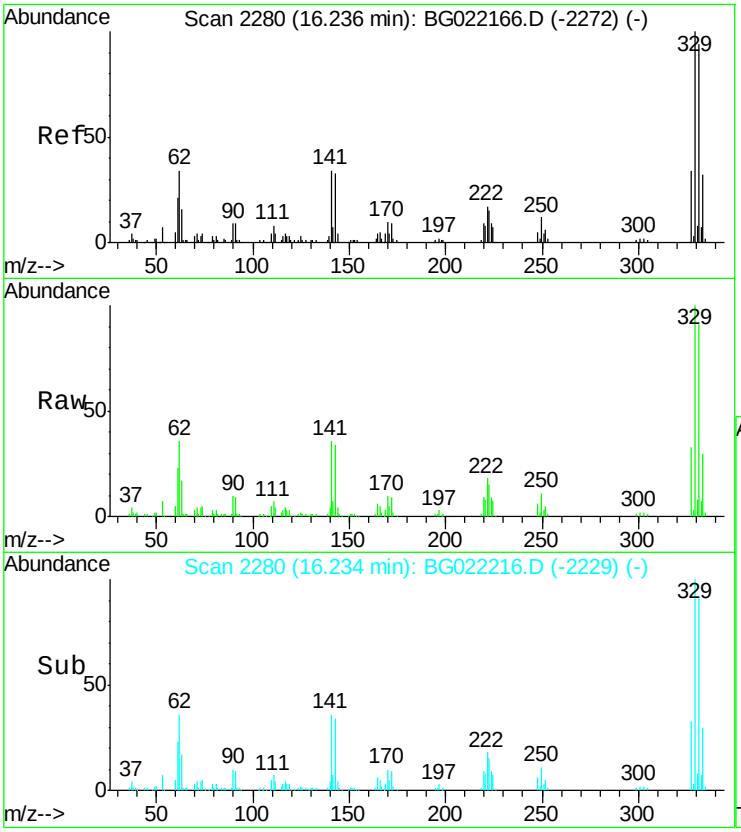


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022216.D
Acq: 7 Jun 2016 22:48

Tgt Ion:164 Resp: 68816

Ion	Ratio	Lower	Upper
164	100		
162	109.9	78.0	117.0
160	49.3	32.9	49.3



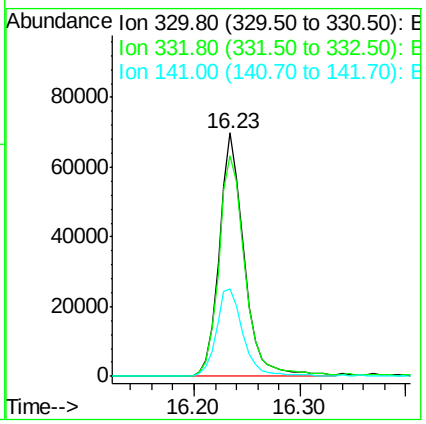


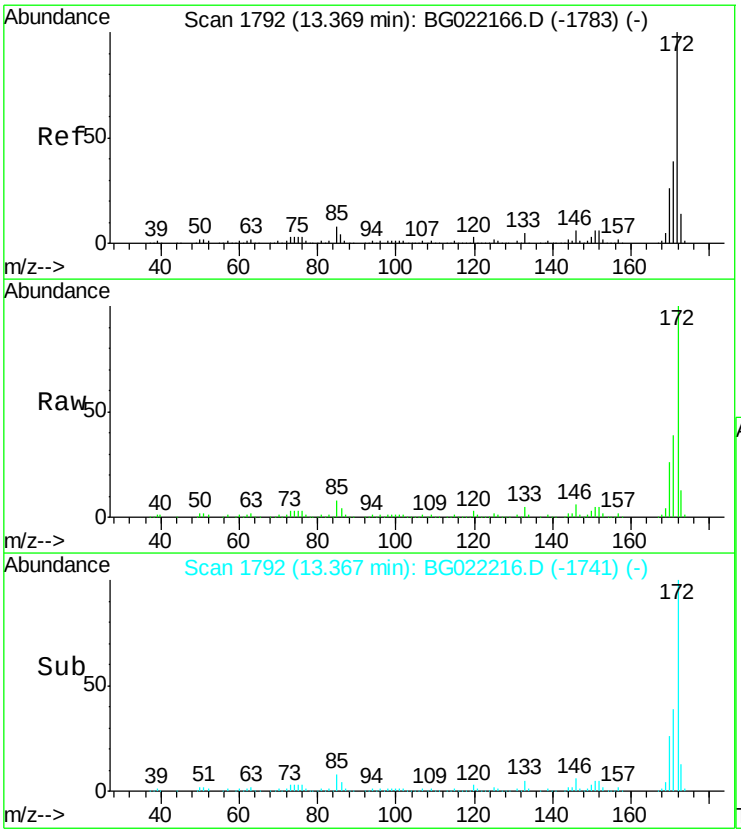
#41
2,4,6-Tribromophenol
Concen: 147.00 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG022216.D
Acq: 7 Jun 2016 22:48

Instrument :
BNA_G
ClientSampleId :
GW-4

Tgt Ion:330 Resp: 114307

Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.0	117.0
141	38.3	33.8	50.8

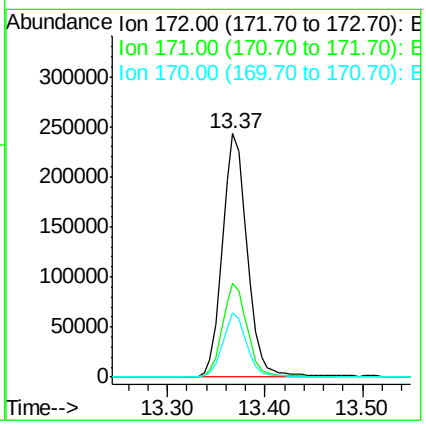


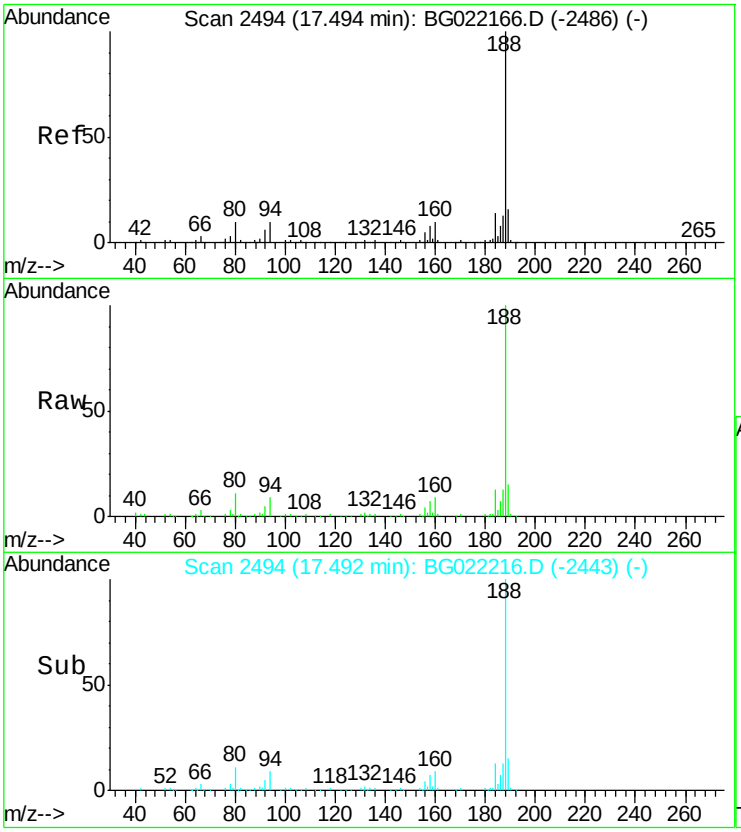


#44
2-Fluorobiphenyl
Concen: 95.34 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG022216.D
Acq: 7 Jun 2016 22:48

Tgt Ion:172 Resp: 430516

Ion	Ratio	Lower	Upper
172	100		
171	38.6	27.8	41.6
170	26.5	19.6	29.4



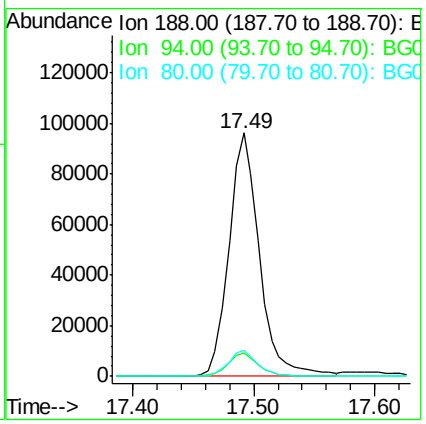


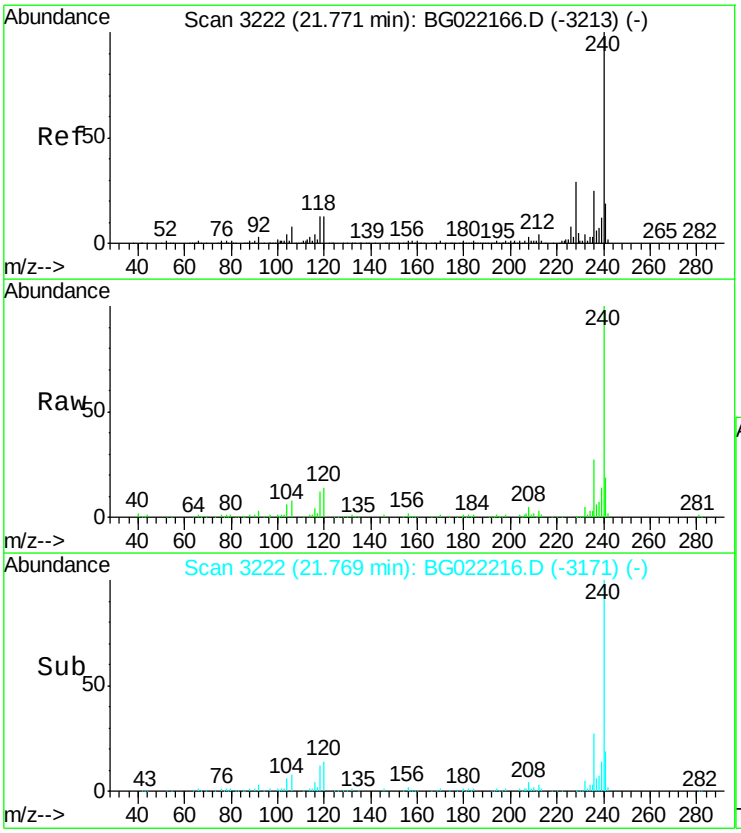
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022216.D
Acq: 7 Jun 2016 22:48

Instrument :
BNA_G
ClientSampleId :
GW-4

Tgt Ion:188 Resp: 168622

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.8	8.6	13.0

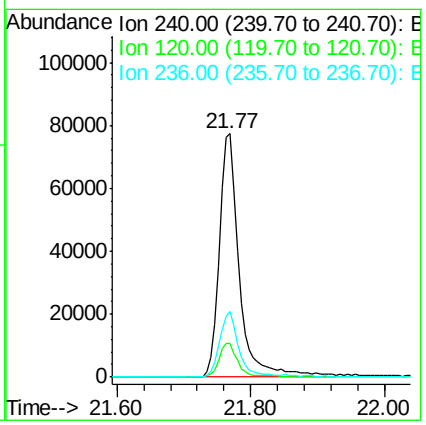


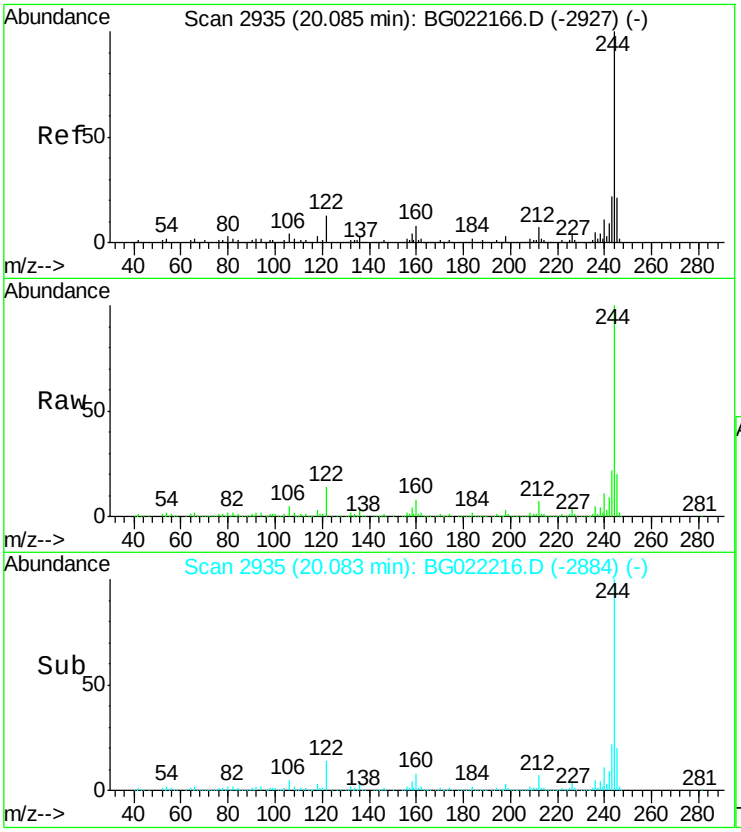


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BG022216.D
Acq: 7 Jun 2016 22:48

Tgt Ion:240 Resp: 164306

Ion	Ratio	Lower	Upper
240	100		
120	13.9	8.4	12.6#
236	26.9	19.6	29.4



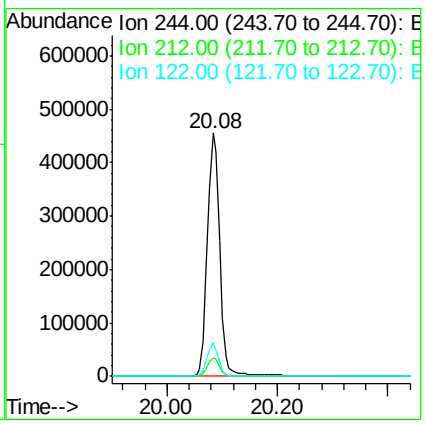


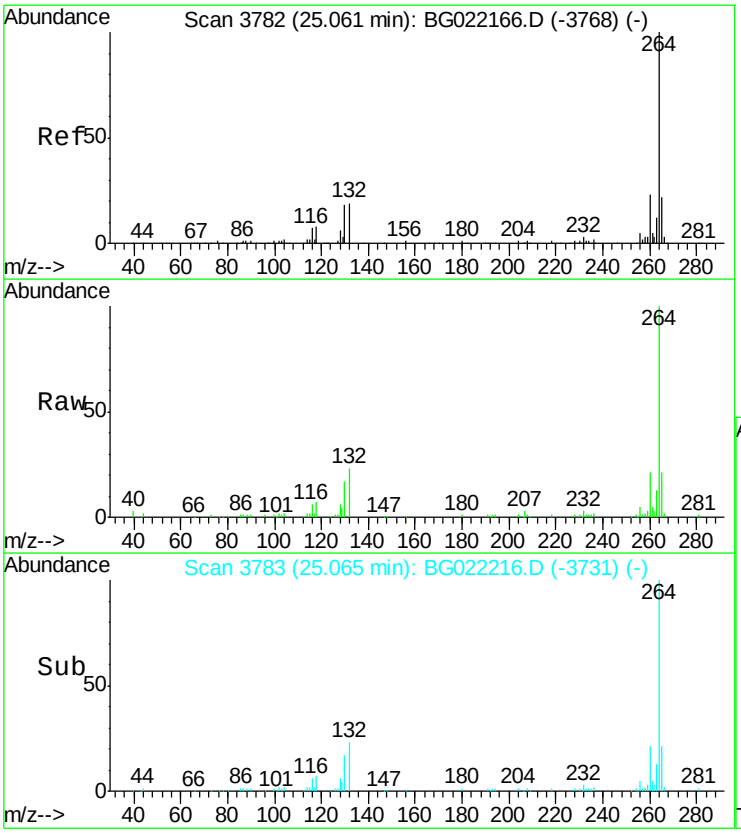
#78
Terphenyl-d14
Concen: 102.04 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.00 min
Lab File: BG022216.D
Acq: 7 Jun 2016 22:48

Instrument :
BNA_G
ClientSampleId :
GW-4

Tgt Ion:244 Resp: 706165

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	13.8	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3783
Delta R.T. 0.00 min
Lab File: BG022216.D
Acq: 7 Jun 2016 22:48

Tgt Ion:264 Resp: 154553

Ion	Ratio	Lower	Upper
264	100		
260	21.5	20.2	30.4
265	21.1	17.8	26.8