Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022447.D
Acq On : 19 Jun 2016 6:39
Operator : UM/SJ
Sample : H3607-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PO-004

Quant Time: Jun 20 01:29:26 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	34374	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	159305	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	87020	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	162030	20.00	ng	-0.04
75) Chrysene-d12	21.70	240	113880	20.00	ng	-0.04
86) Perylene-d12	24.95	264	83655	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	118215	66.49	ng	-0.03
7) Phenol-d6	7.23	99	106759	38.19	ng	-0.02
23) Nitrobenzene-d5	9.23	82	216113	94.58	ng	-0.03
41) 2,4,6-Tribromophenol	16.18	330	98656	100.33	ng	-0.03
44) 2-Fluorobiphenyl	13.31	172	566029	99.13	ng	-0.03
78) Terphenyl-d14	20.02	244	457980	95.48	ng	-0.03
Target Compounds						Qvalue

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

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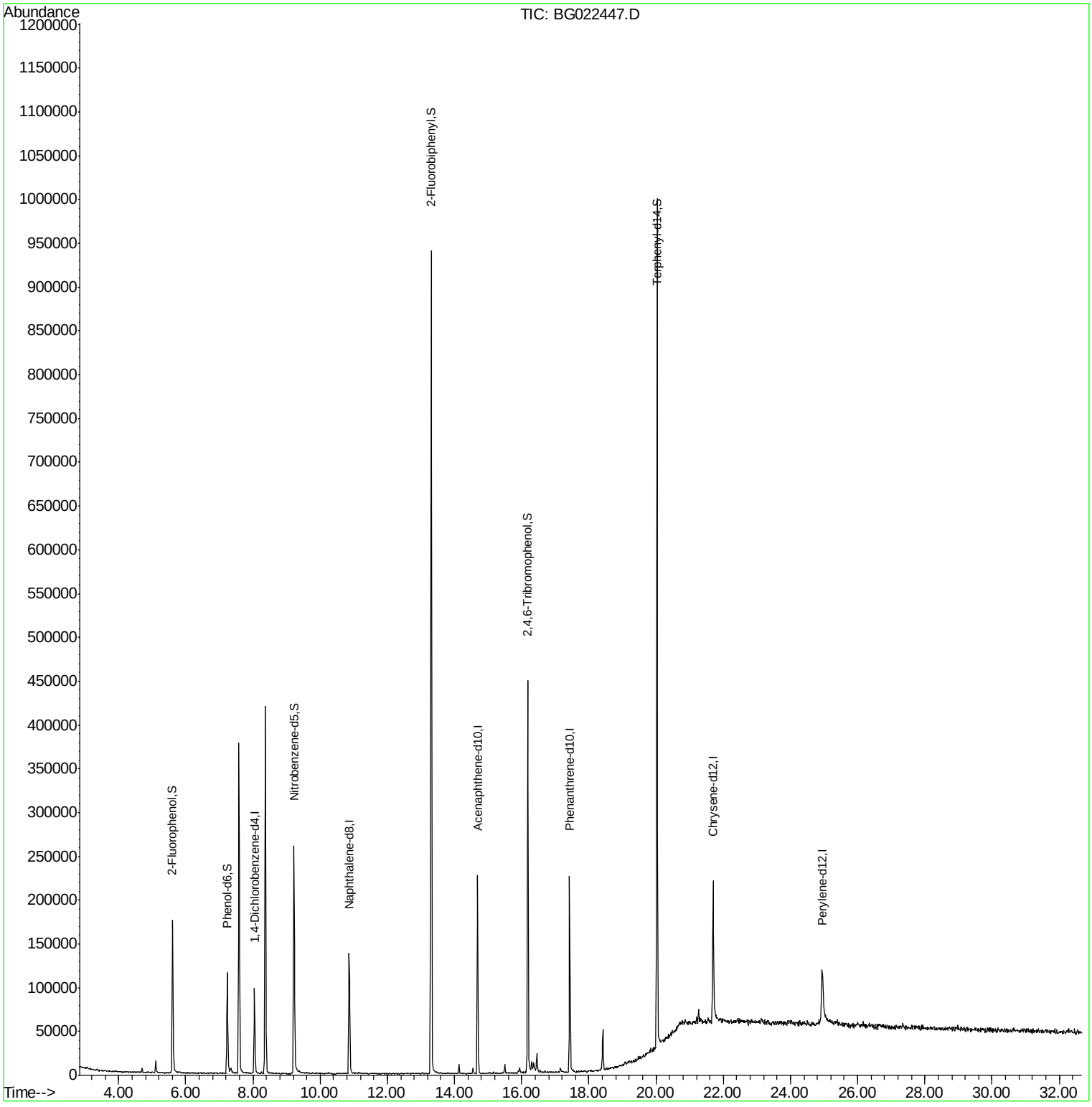
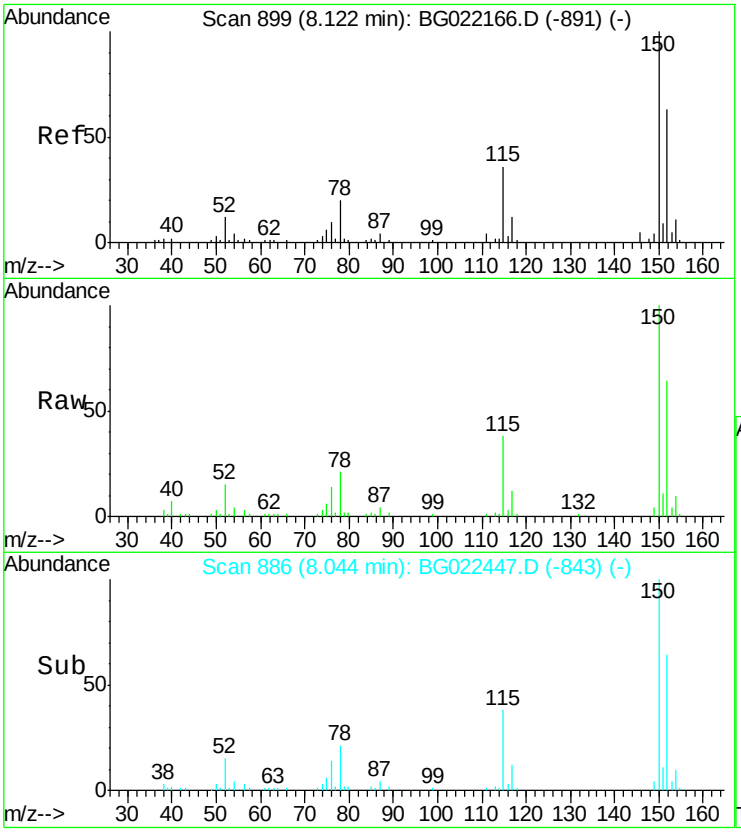


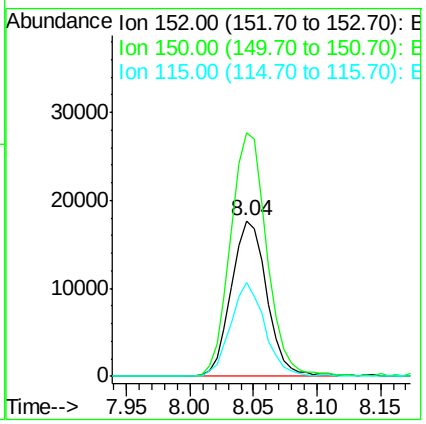


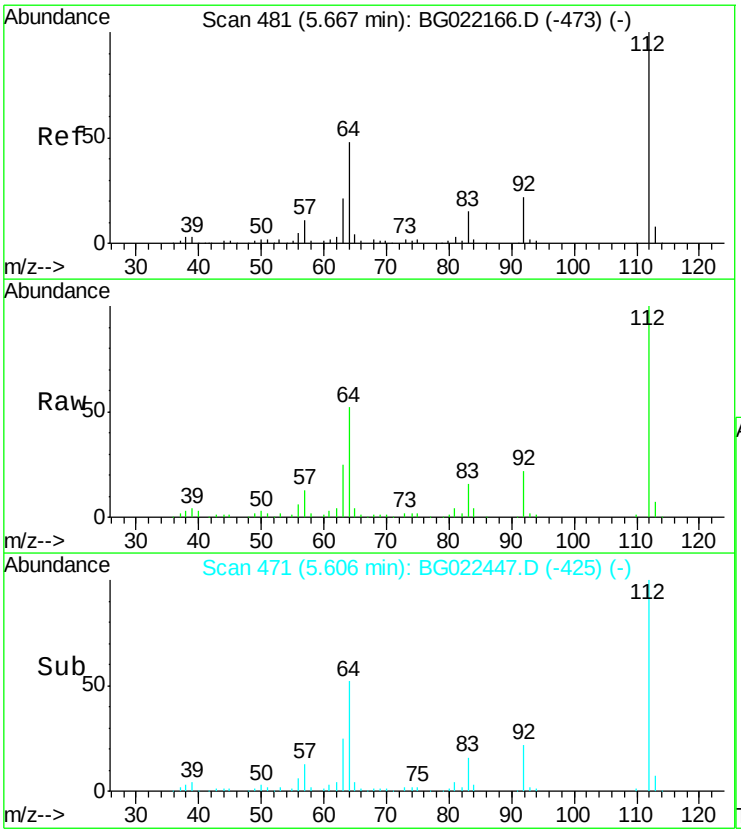
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. -0.05 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Instrument :
BNA_G
ClientSampleId :
PO-004

Tgt Ion:152 Resp: 34374

Ion	Ratio	Lower	Upper
152	100		
150	156.5	130.1	195.1
115	60.1	62.2	93.2#

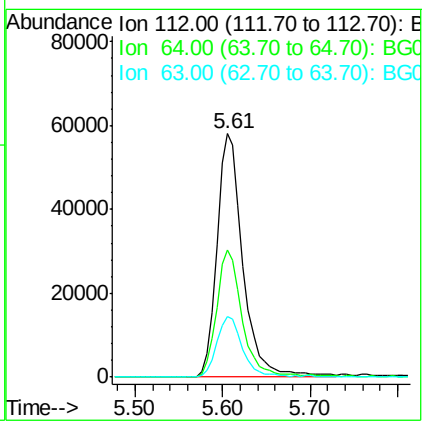


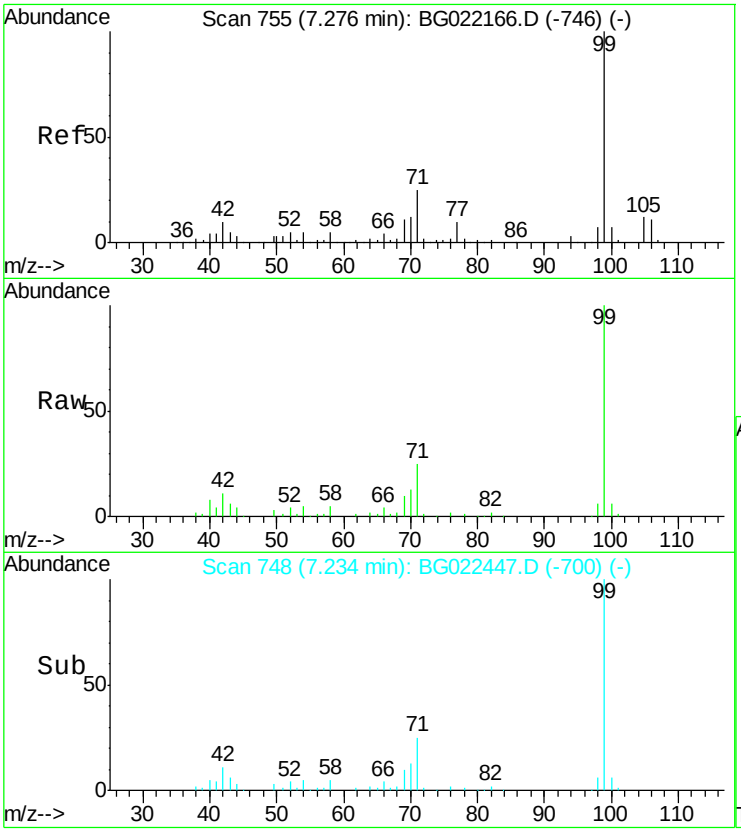


#5
2-Fluorophenol
Concen: 66.49 ng
RT: 5.61 min Scan# 471
Delta R.T. -0.03 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Tgt Ion:112 Resp: 118215

Ion	Ratio	Lower	Upper
112	100		
64	52.1	51.1	76.7
63	25.1	24.6	37.0



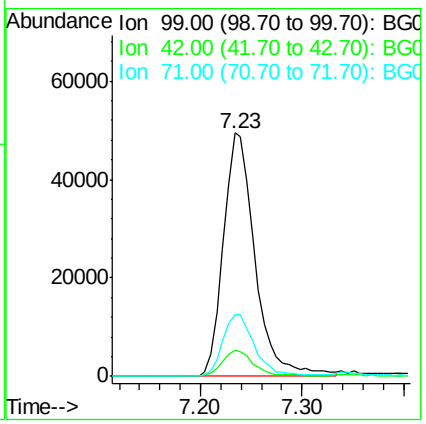


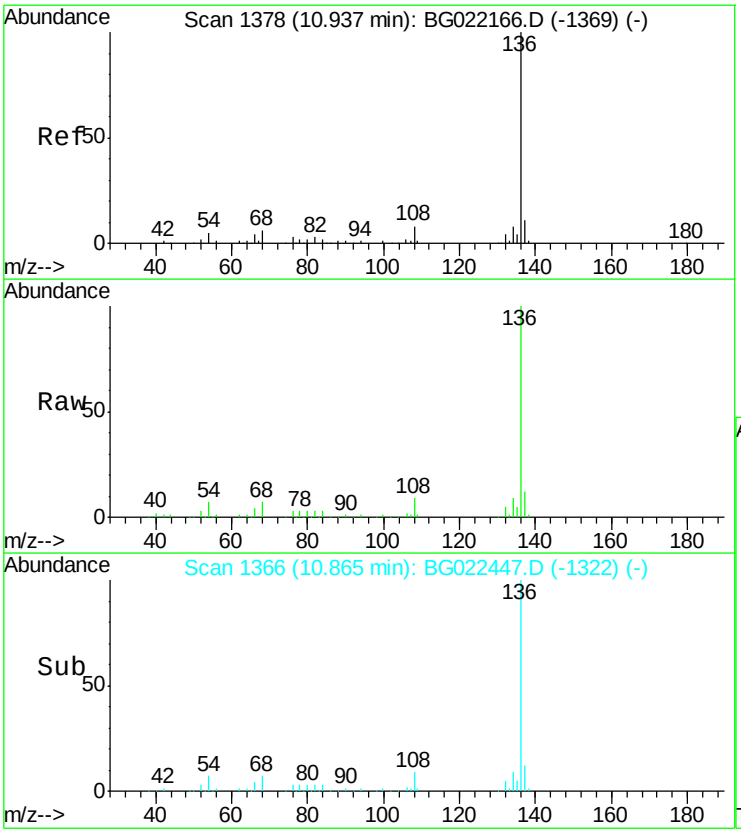
#7
Phenol-d6
Concen: 38.19 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.02 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Instrument :
BNA_G
ClientSampleId :
PO-004

Tgt Ion: 99 Resp: 106759

Ion	Ratio	Lower	Upper
99	100		
42	10.6	16.4	24.6#
71	25.5	25.0	37.4

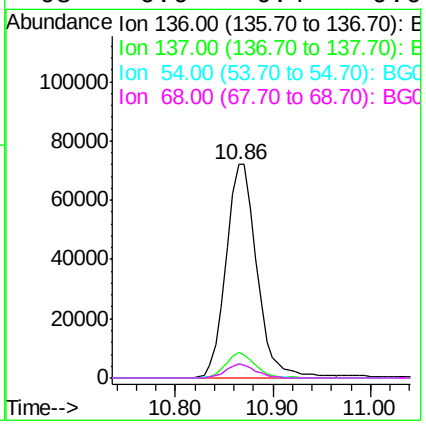


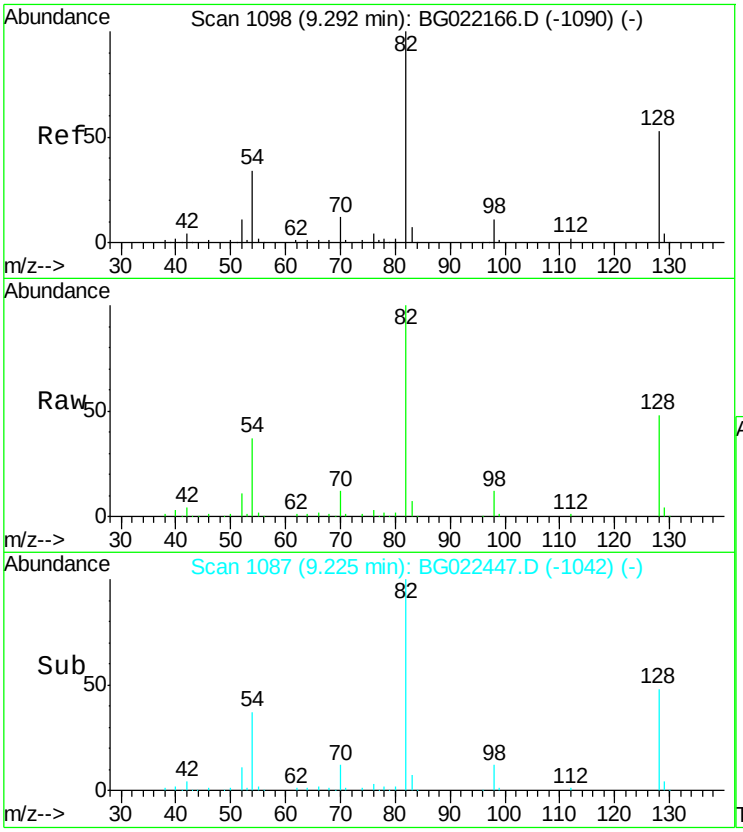


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1366
Delta R.T. -0.04 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Tgt Ion:136 Resp: 159305

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	6.5	9.6	14.4#
68	6.6	6.4	9.6



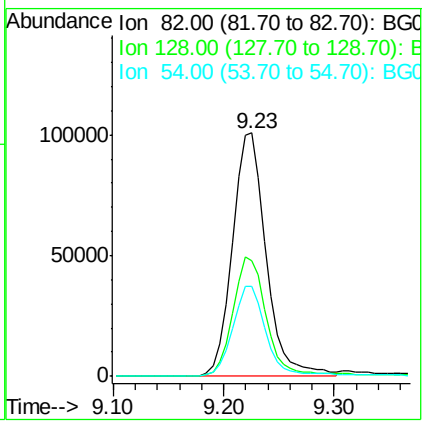


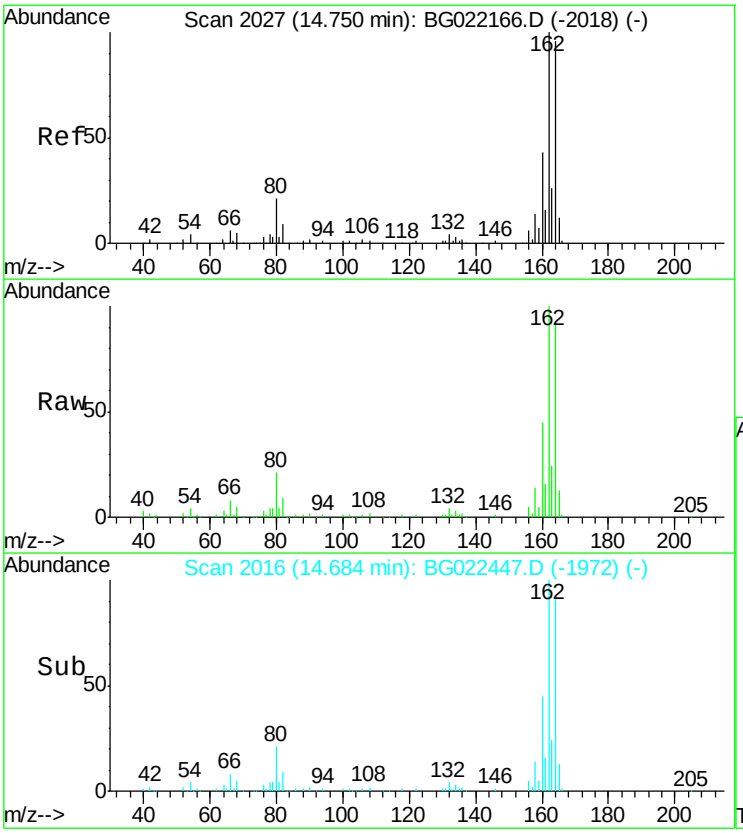
#23
Nitrobenzene-d5
Concen: 94.58 ng
RT: 9.23 min Scan# 1087
Delta R.T. -0.03 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Instrument :
BNA_G
ClientSampleId :
PO-004

Tgt Ion: 82 Resp: 216113

Ion	Ratio	Lower	Upper
82	100		
128	47.6	33.4	50.0
54	36.7	46.1	69.1#

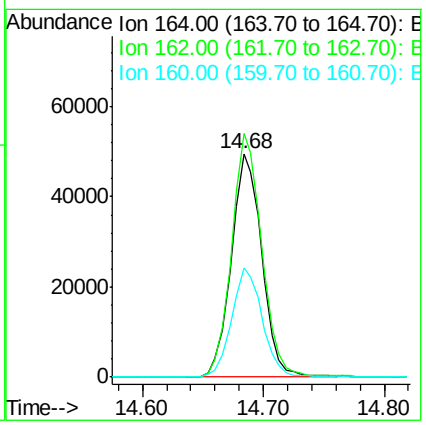


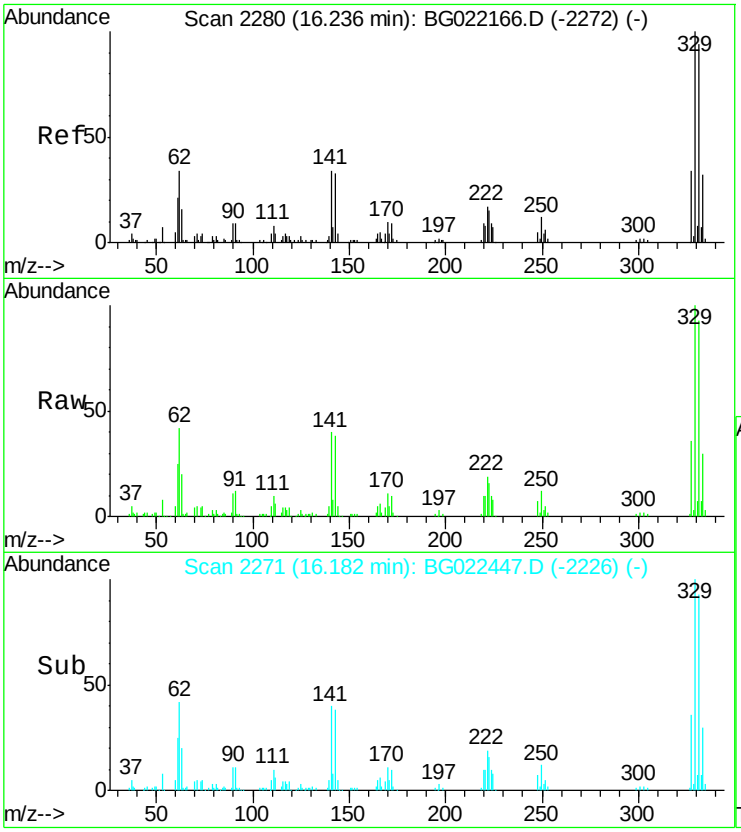


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Tgt Ion:164 Resp: 87020

Ion	Ratio	Lower	Upper
164	100		
162	109.1	78.0	117.0
160	48.8	32.9	49.3



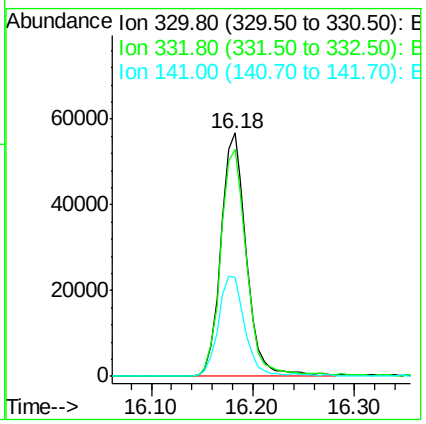


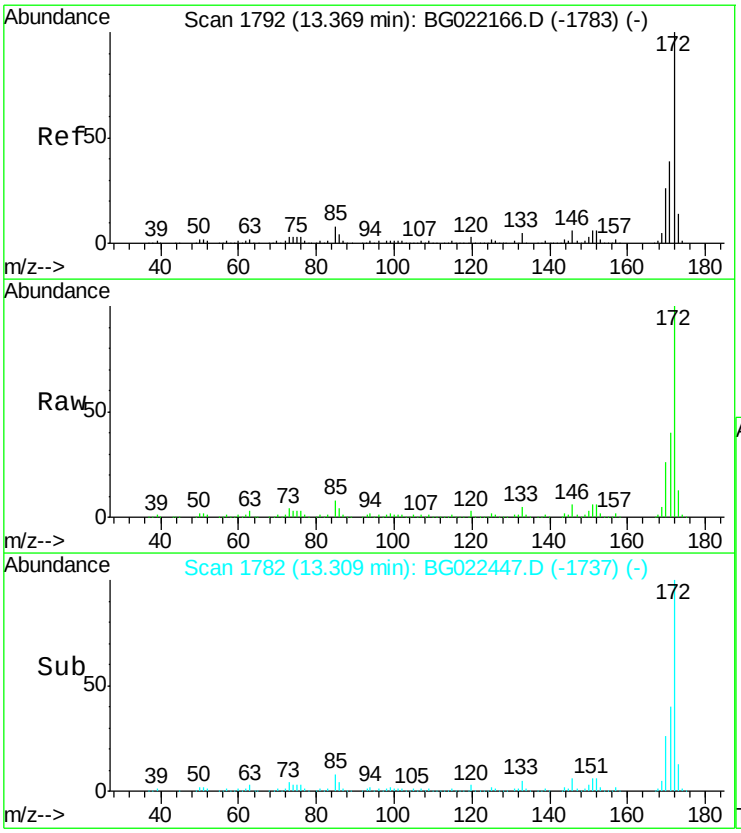
#41
2,4,6-Tribromophenol
Concen: 100.33 ng
RT: 16.18 min Scan# 2271
Delta R.T. -0.03 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Instrument :
BNA_G
ClientSampleId :
PO-004

Tgt Ion:330 Resp: 98656

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	42.6	33.8	50.8

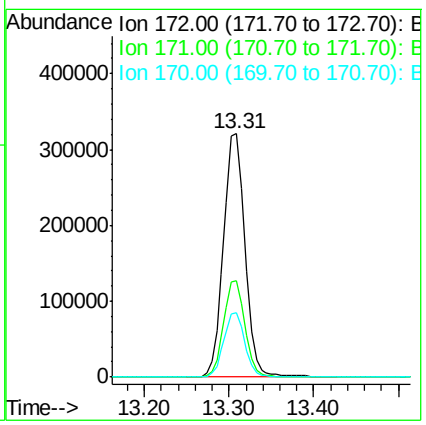


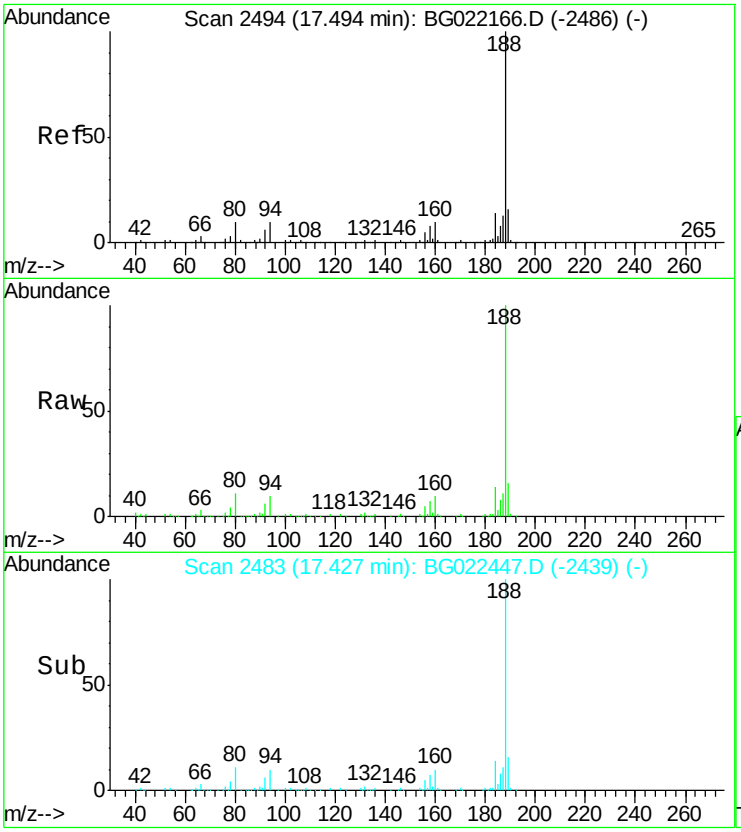


#44
2-Fluorobiphenyl
Concen: 99.13 ng
RT: 13.31 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Tgt Ion:172 Resp: 566029

Ion	Ratio	Lower	Upper
172	100		
171	39.6	27.8	41.6
170	26.4	19.6	29.4



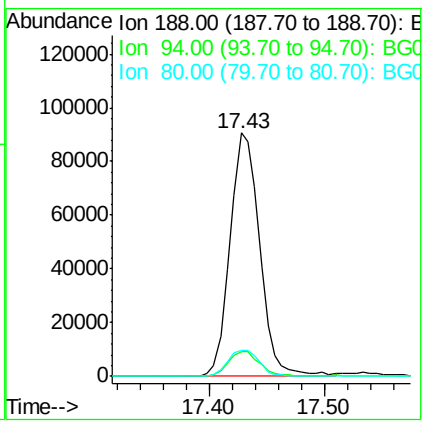


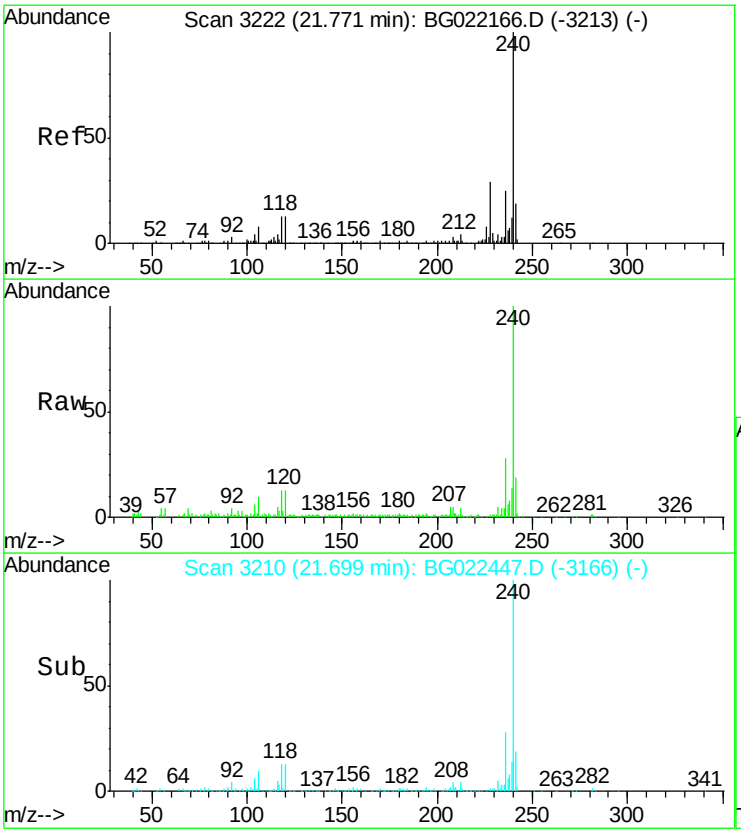
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2483
Delta R.T. -0.04 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Instrument :
BNA_G
ClientSampleId :
PO-004

Tgt Ion:188 Resp: 162030

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.5	11.3
80	10.8	8.6	13.0

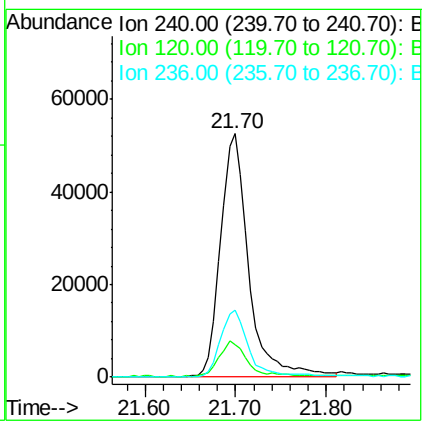


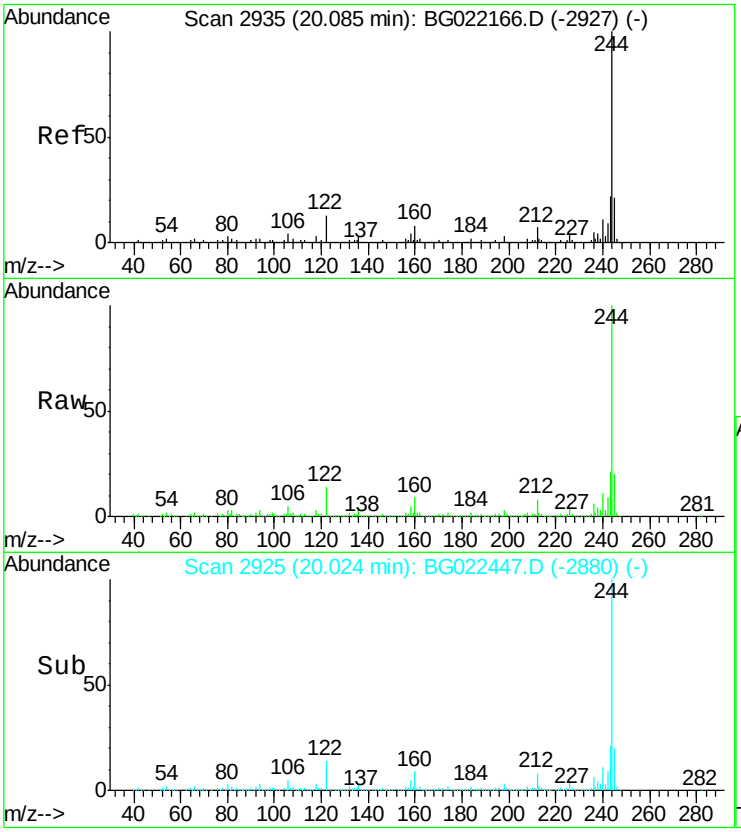


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.70 min Scan# 3210
Delta R.T. -0.04 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Tgt Ion:240 Resp: 113880

Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.4	12.6#
236	27.6	19.6	29.4



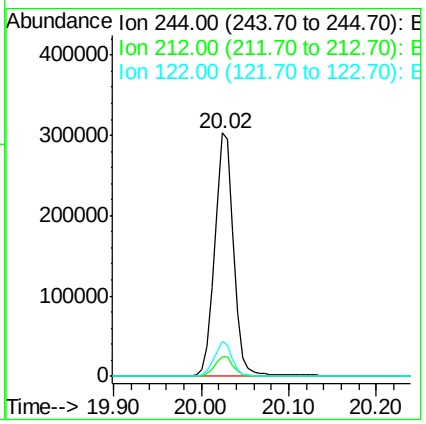


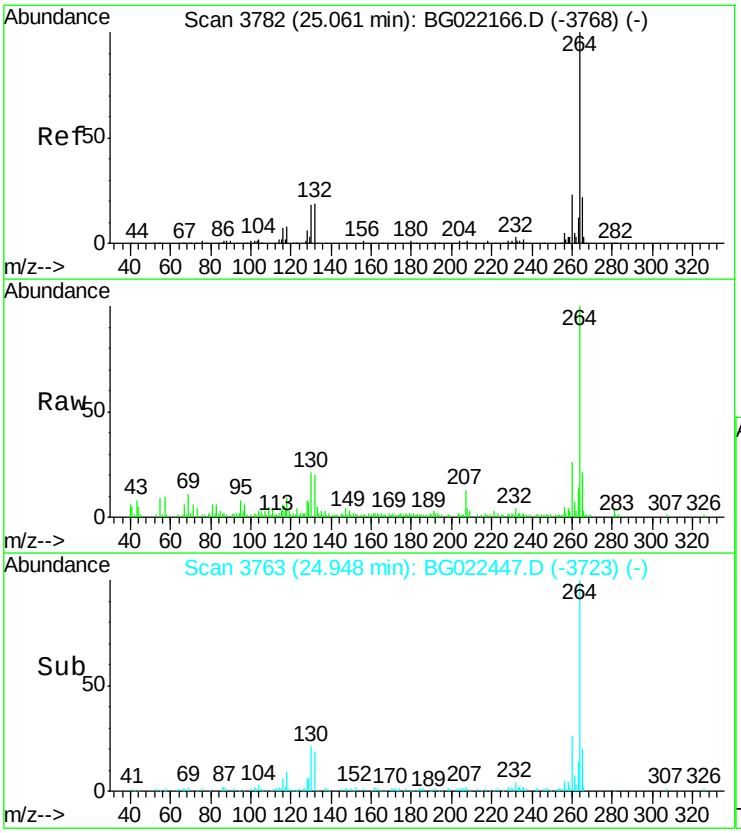
#78
Terphenyl-d14
Concen: 95.48 ng
RT: 20.02 min Scan# 2925
Delta R.T. -0.03 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Instrument :
BNA_G
ClientSampleId :
PO-004

Tgt Ion:244 Resp: 457980

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	14.4	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.95 min Scan# 3763
Delta R.T. -0.06 min
Lab File: BG022447.D
Acq: 19 Jun 2016 6:39

Tgt Ion:264 Resp: 83655

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.2	30.4
265	21.4	17.8	26.8