Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070916\
Data File : BG022959.D
Acq On : 9 Jul 2016 10:05
Operator : UM/SJ
Sample : H3927-05
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-EB-2016-1

Quant Time: Jul 11 01:19:56 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	97725	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	450913	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	356701	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	855048	20.00	ng	0.00
75) Chrysene-d12	21.85	240	926202	20.00	ng	0.00
86) Perylene-d12	25.20	264	928399	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	394907	66.09	ng	0.00
7) Phenol-d6	7.30	99	372257	39.78	ng	0.00
23) Nitrobenzene-d5	9.32	82	1068890	101.50	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	856419	133.59	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	2251127	99.41	ng	0.00
78) Terphenyl-d14	20.16	244	3089906	130.11	ng	0.00
Target Compounds						Qvalue

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

Quantitation Report (Not Reviewed)

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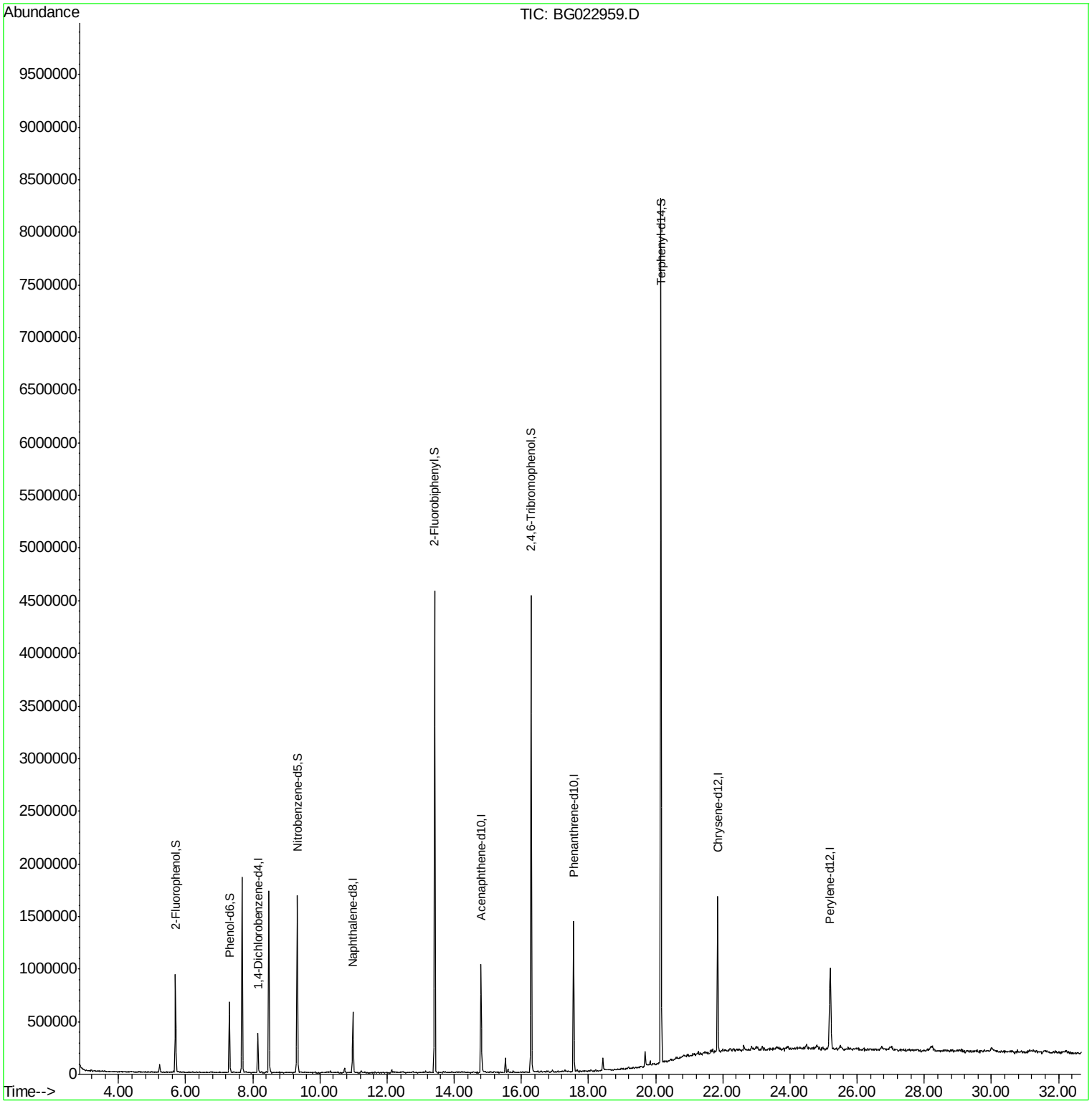
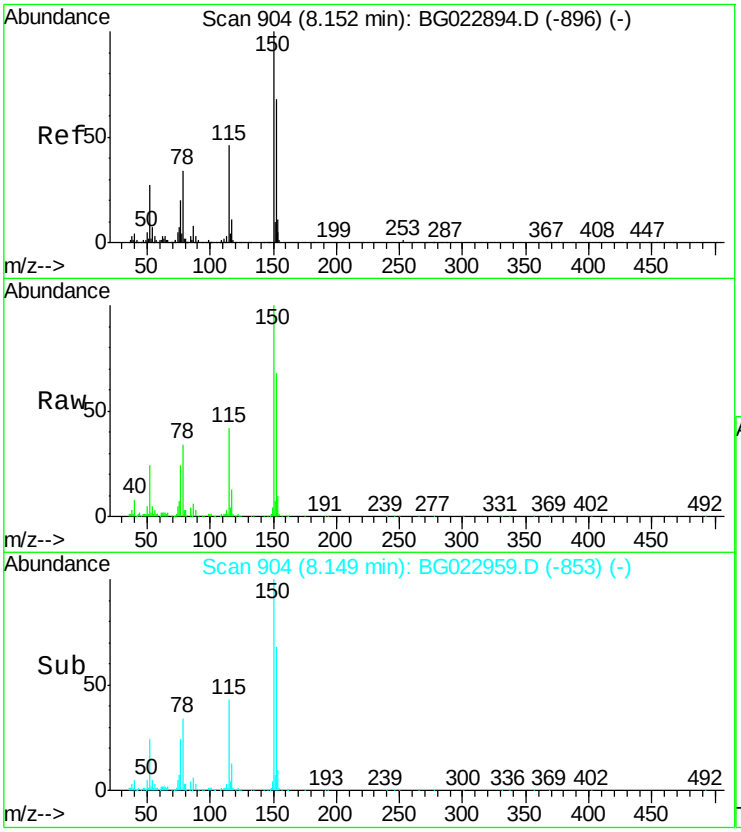


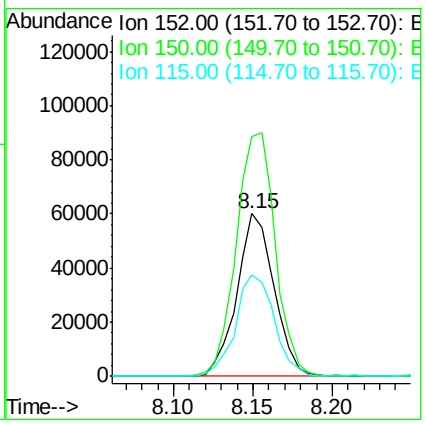


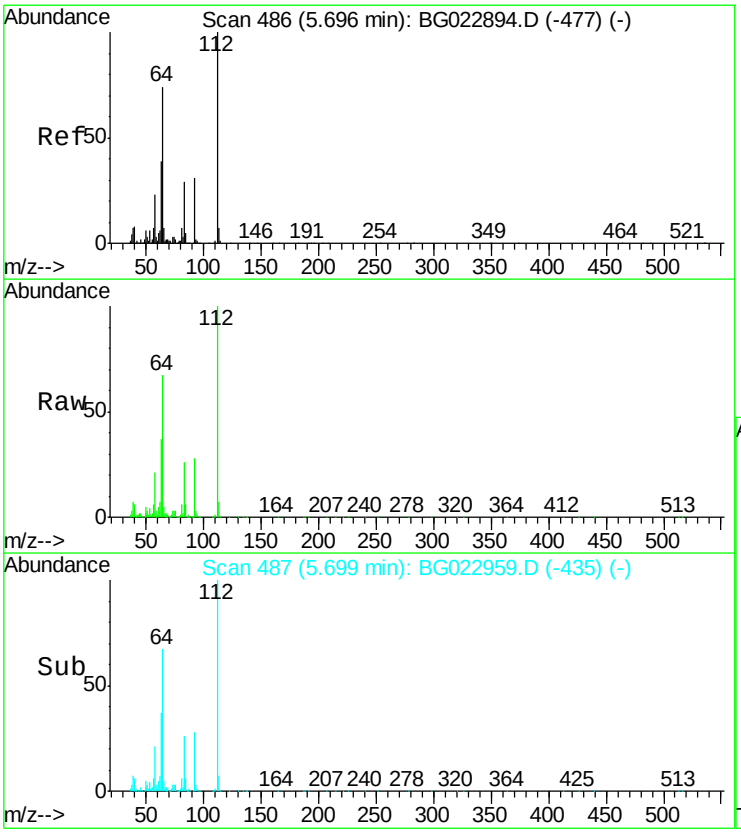
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

Instrument :
BNA_G
ClientSampleId :
S22-EB-2016-1

Tgt Ion:152 Resp: 97725

Ion	Ratio	Lower	Upper
152	100		
150	147.7	144.7	217.1
115	62.7	64.0	96.0#

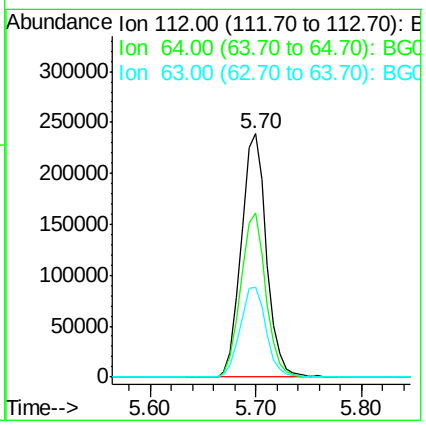


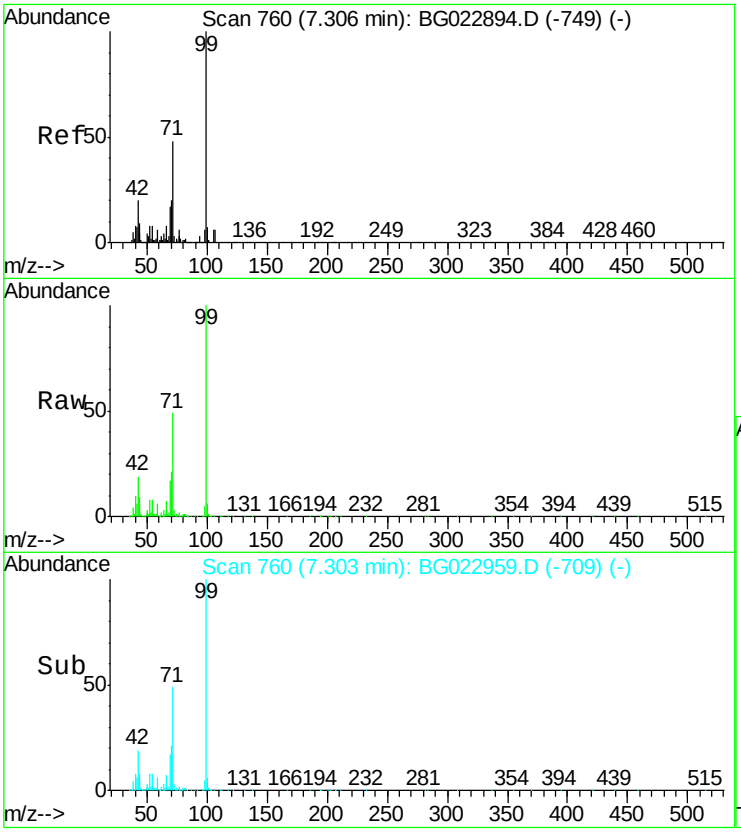


#5
2-Fluorophenol
Concen: 66.09 ng
RT: 5.70 min Scan# 487
Delta R.T. 0.00 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

Tgt Ion:112 Resp: 394907

Ion	Ratio	Lower	Upper
112	100		
64	67.5	59.0	88.4
63	36.9	37.8	56.8#



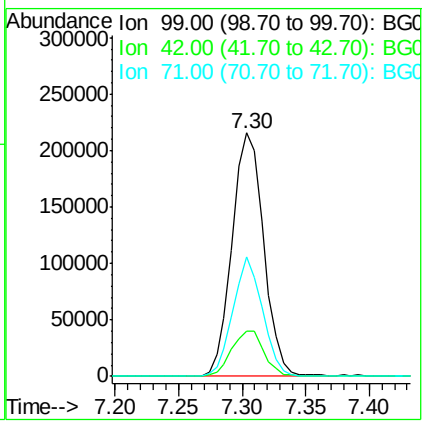


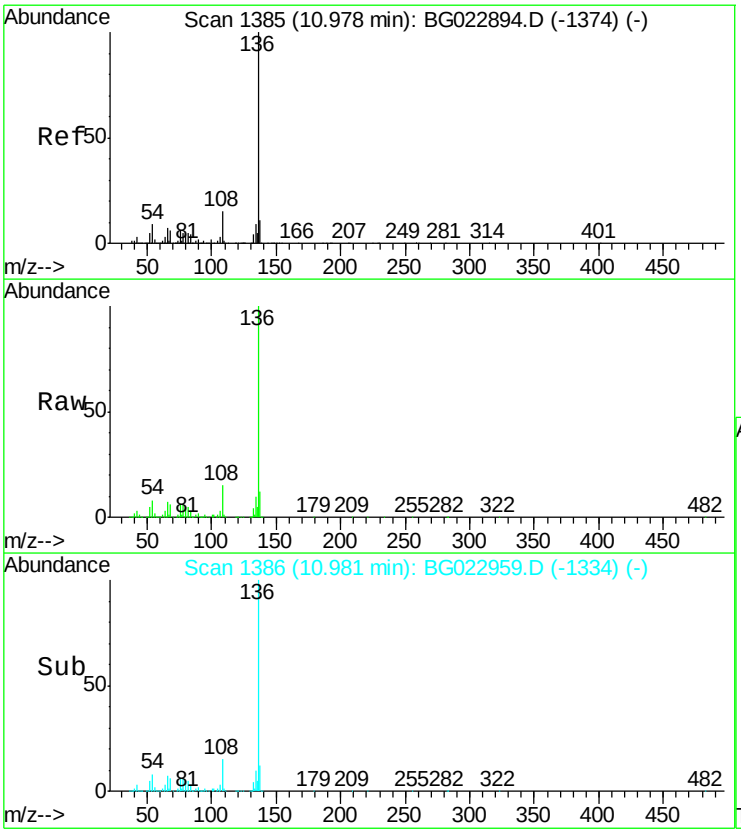
#7
Phenol-d6
Concen: 39.78 ng
RT: 7.30 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

Instrument :
BNA_G
ClientSampleId :
S22-EB-2016-1

Tgt Ion: 99 Resp: 372257

Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.8	26.6
71	49.1	41.5	62.3

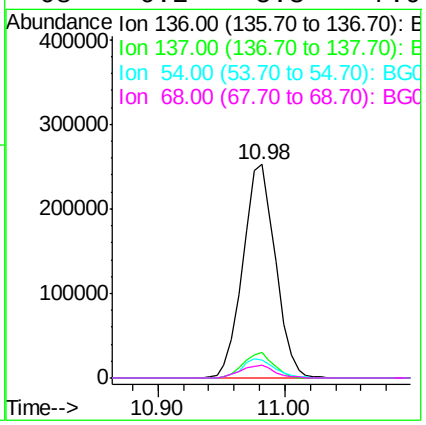


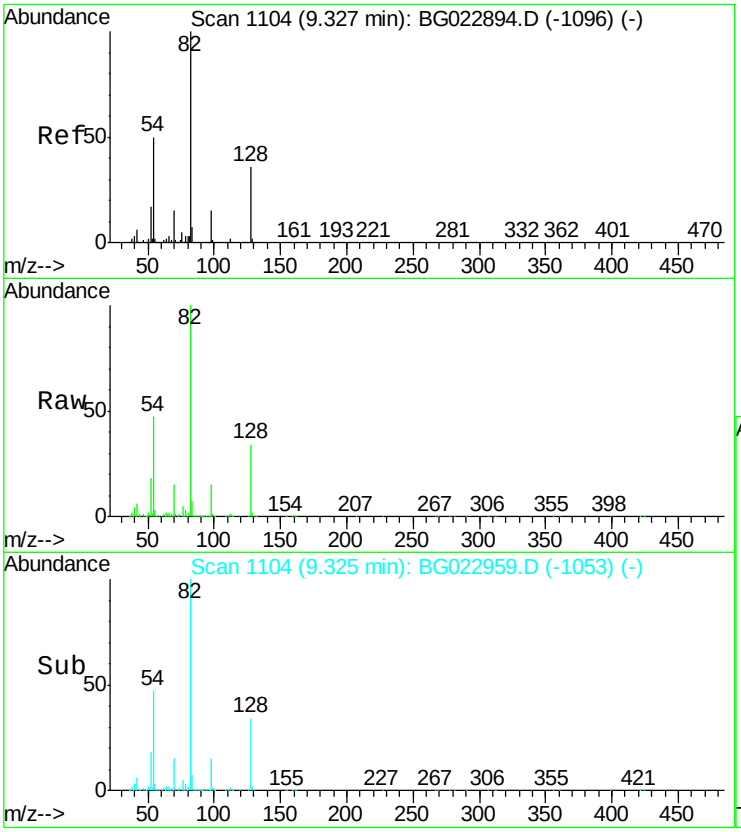


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

Tgt Ion:136 Resp: 450913

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.6	14.4
54	8.2	7.3	10.9
68	6.2	5.3	7.9



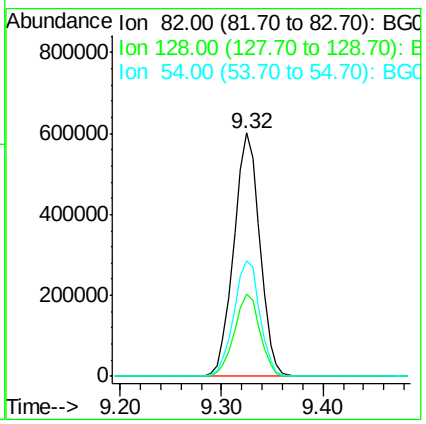


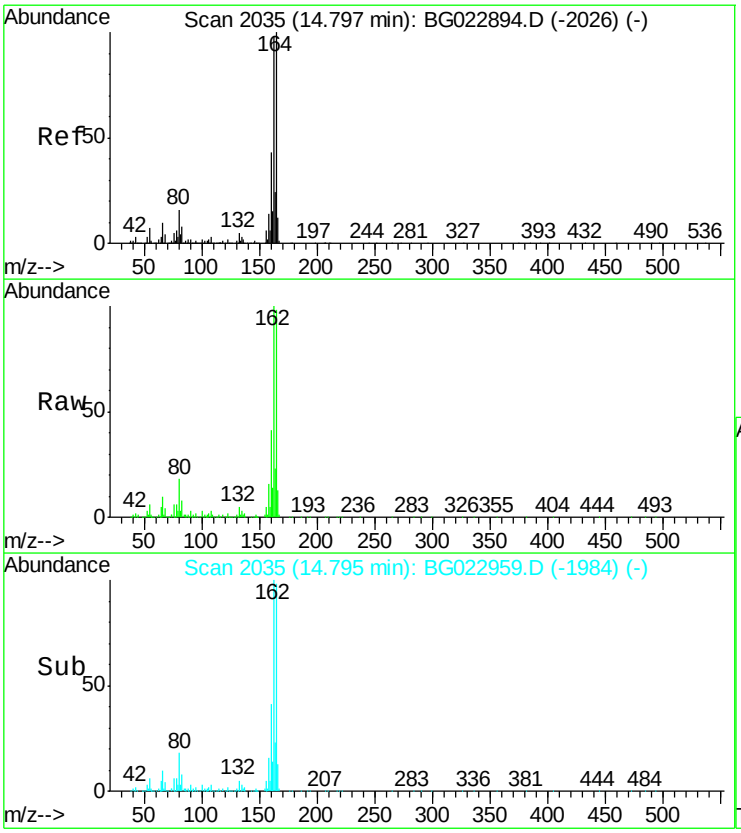
#23
Nitrobenzene-d5
Concen: 101.50 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

Instrument :
BNA_G
ClientSampleId :
S22-EB-2016-1

Tgt Ion: 82 Resp: 1068890

Ion	Ratio	Lower	Upper
82	100		
128	34.1	24.4	36.6
54	47.2	41.4	62.0

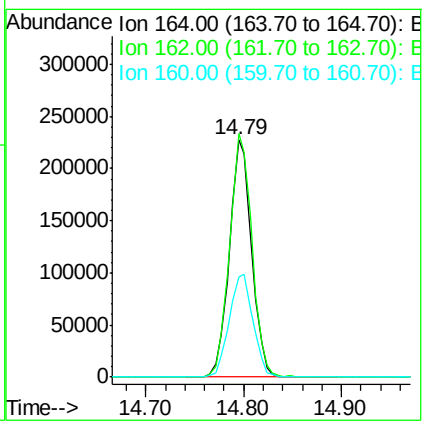


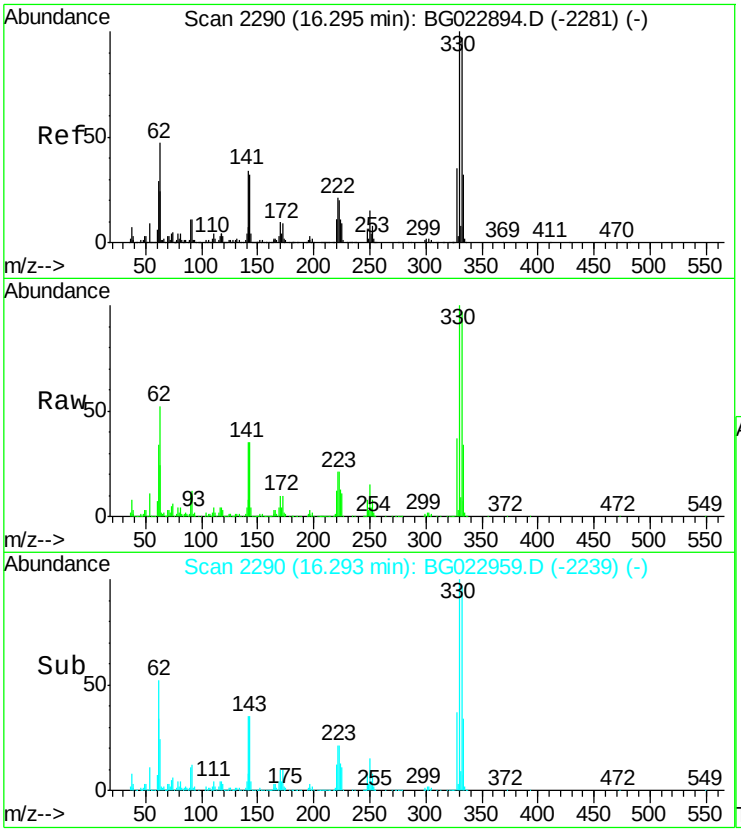


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

Tgt Ion:164 Resp: 356701

Ion	Ratio	Lower	Upper
164	100		
162	102.5	87.7	131.5
160	42.3	37.2	55.8



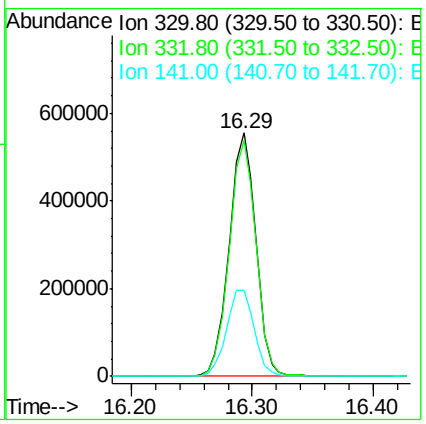


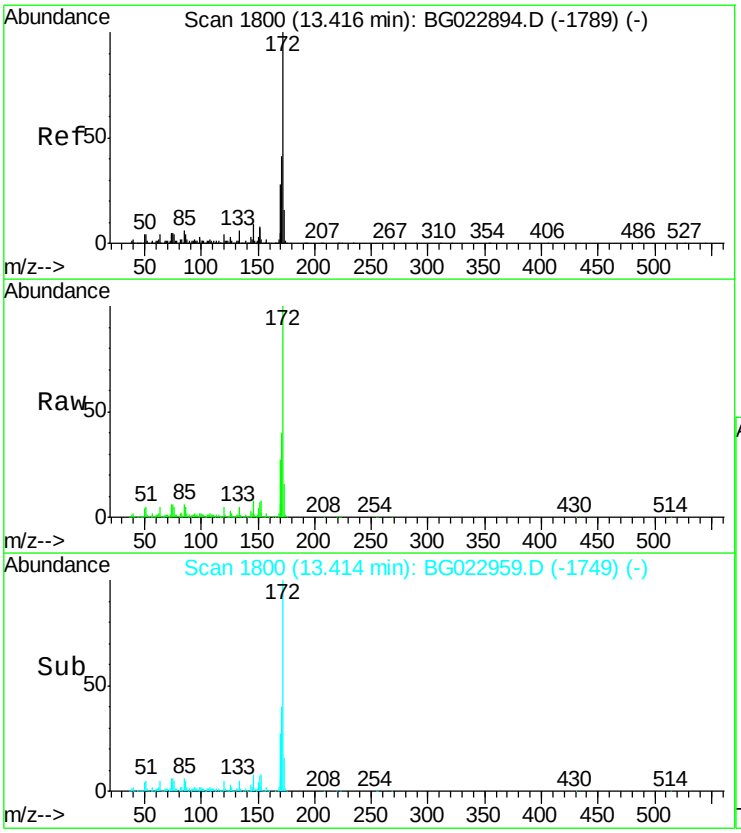
#41
2,4,6-Tribromophenol
Concen: 133.59 ng
RT: 16.29 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

Instrument :
BNA_G
ClientSampleId :
S22-EB-2016-1

Tgt Ion:330 Resp: 856419

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	36.7	31.7	47.5

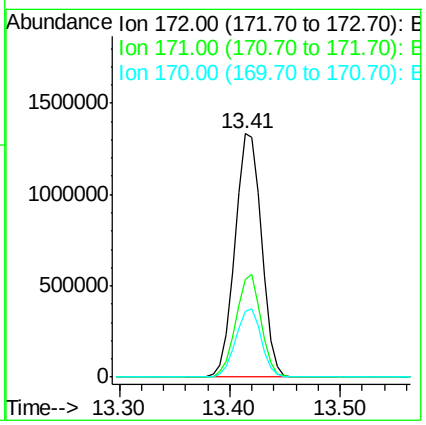


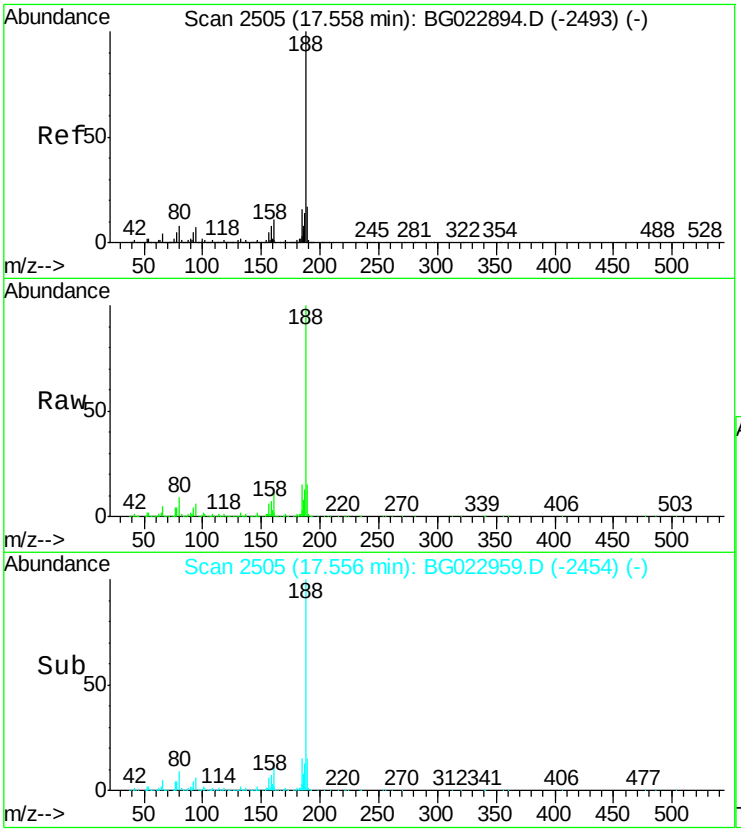


#44
2-Fluorobiphenyl
Concen: 99.41 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

Tgt Ion:172 Resp: 2251127

Ion	Ratio	Lower	Upper
172	100		
171	40.2	31.6	47.4
170	27.1	21.3	31.9



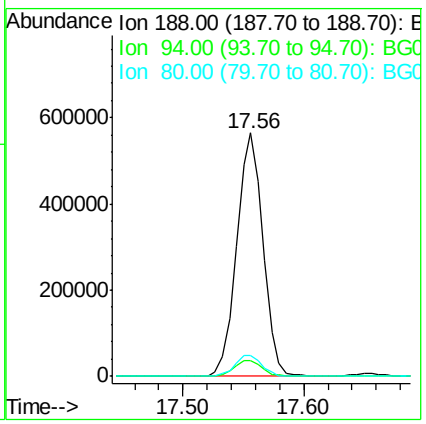


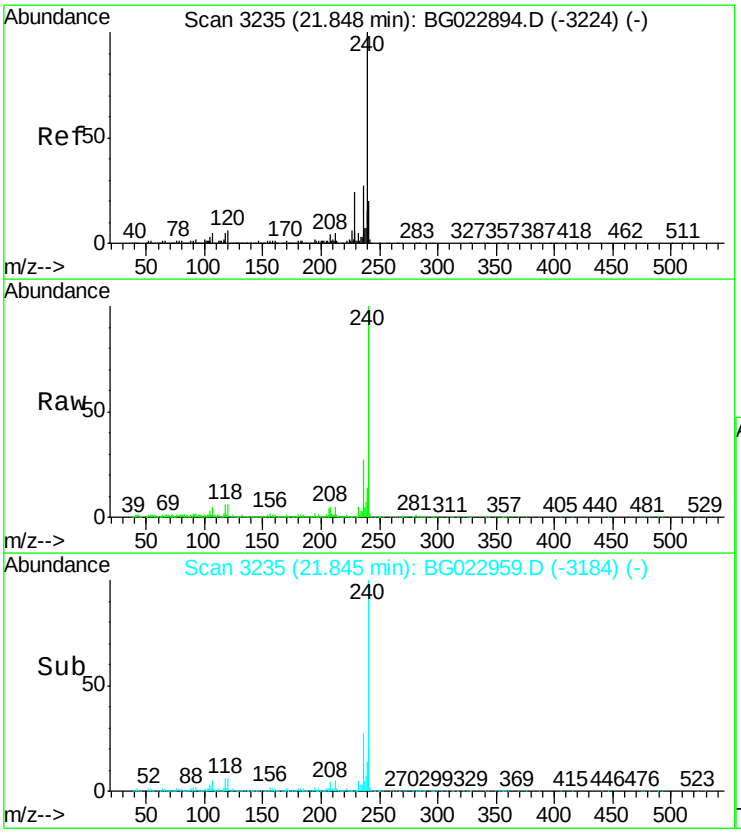
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

Instrument :
BNA_G
ClientSampleId :
S22-EB-2016-1

Tgt Ion:188 Resp: 855048

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.2	7.8
80	8.8	7.2	10.8

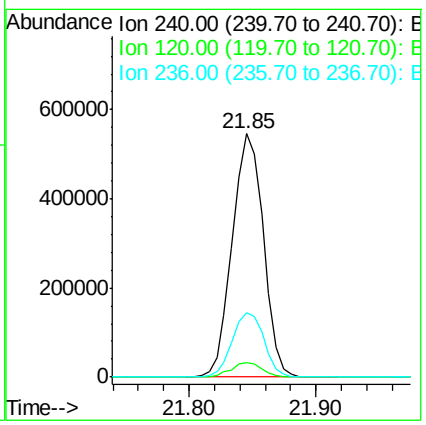


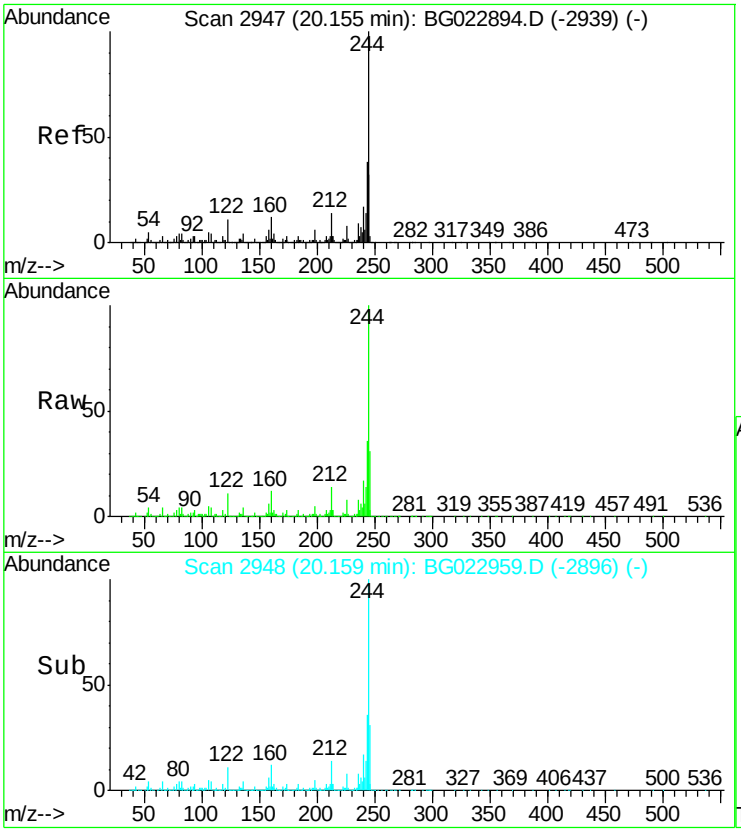


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. -0.00 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

Tgt Ion:240 Resp: 926202

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.1	6.1
236	26.5	21.1	31.7



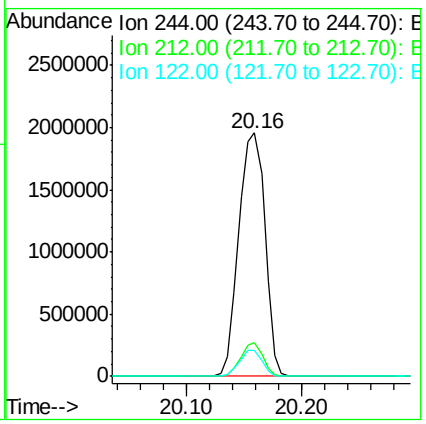


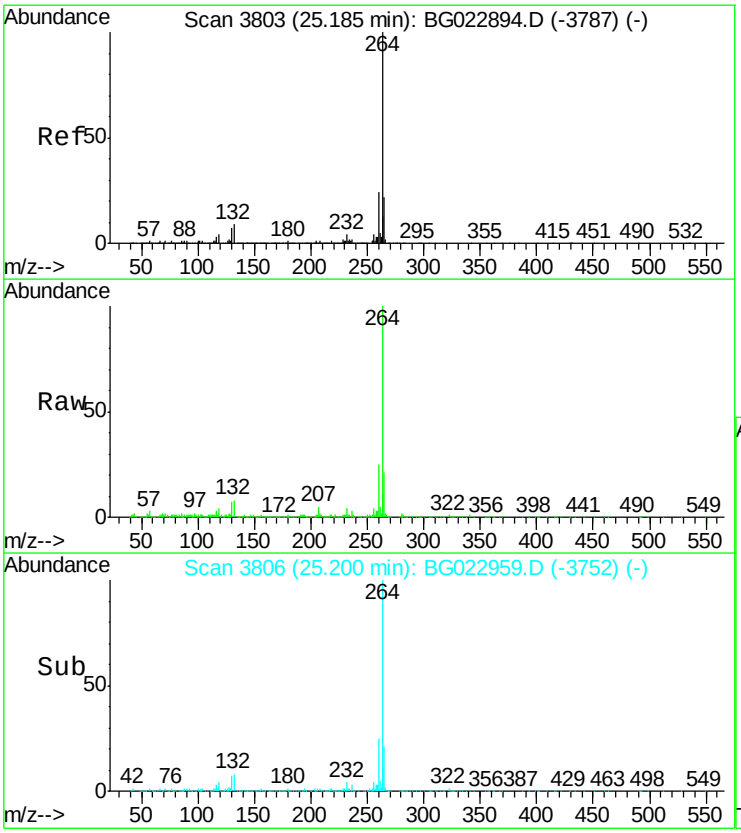
#78
Terphenyl-d14
Concen: 130.11 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

Instrument :
BNA_G
ClientSampleId :
S22-EB-2016-1

Tgt Ion:244 Resp: 3089906

Ion	Ratio	Lower	Upper
244	100		
212	13.8	10.8	16.2
122	10.8	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. 0.02 min
Lab File: BG022959.D
Acq: 9 Jul 2016 10:05

Tgt Ion:264 Resp: 928399

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.4	27.6
265	21.0	18.9	28.3