Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020945.D
Acq On : 18 Feb 2016 21:09
Operator : SJ/UM
Sample : H1450-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-41

Quant Time: Feb 18 23:49:17 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	17915	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	89074	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	58002	20.00	ng	-0.02
63) Phenanthrene-d10	17.60	188	131658	20.00	ng	-0.02
75) Chrysene-d12	21.88	240	120938	20.00	ng	-0.03
86) Perylene-d12	25.25	264	113845	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	66433	62.45	ng	0.00
7) Phenol-d6	7.40	99	57181	36.78	ng	0.00
23) Nitrobenzene-d5	9.43	82	131604	97.14	ng	-0.02
41) 2,4,6-Tribromophenol	16.35	330	93781	164.42	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	387247	93.78	ng	0.00
78) Terphenyl-d14	20.19	244	513089	98.97	ng	-0.02
Target Compounds						Qvalue

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

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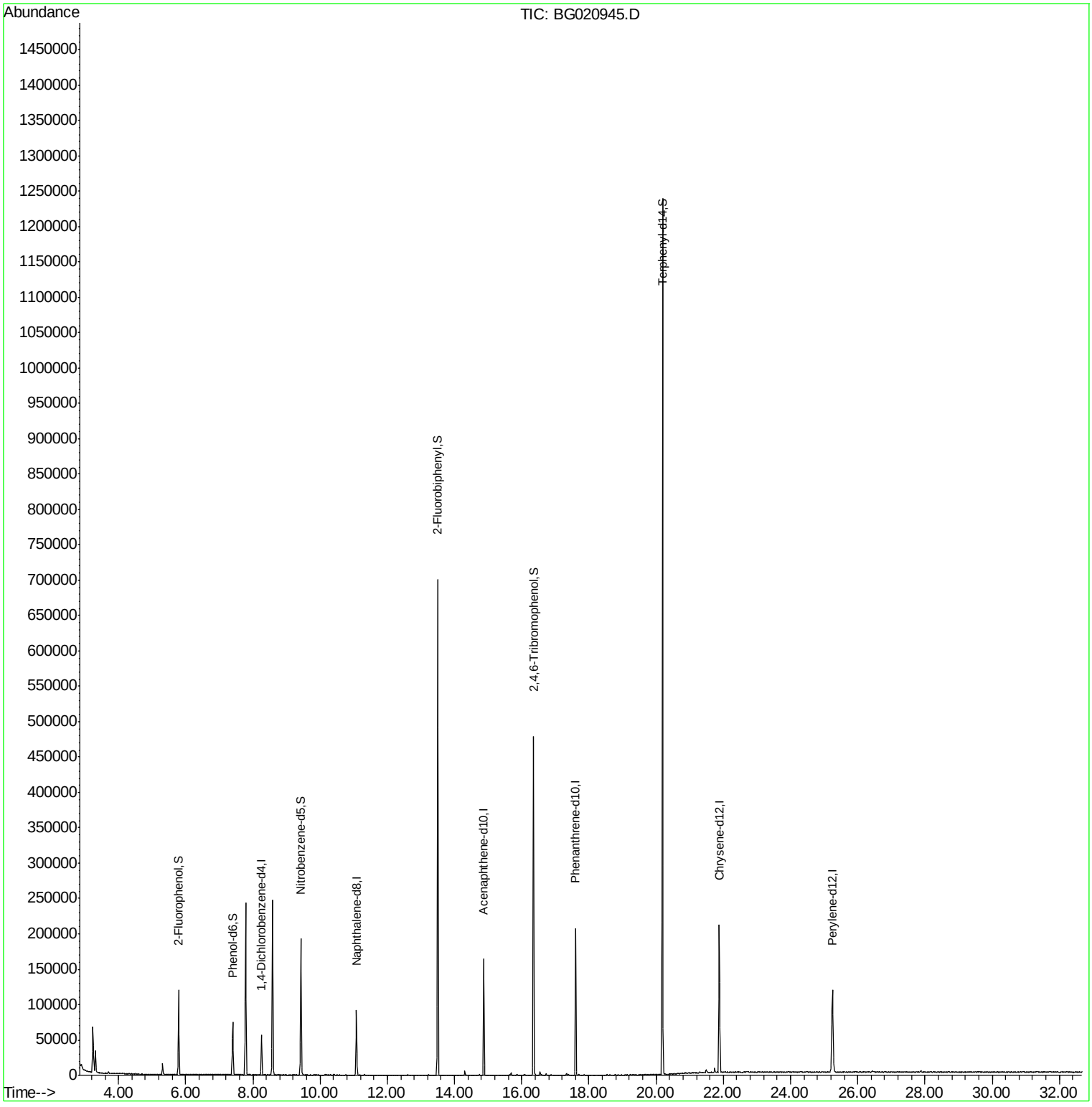
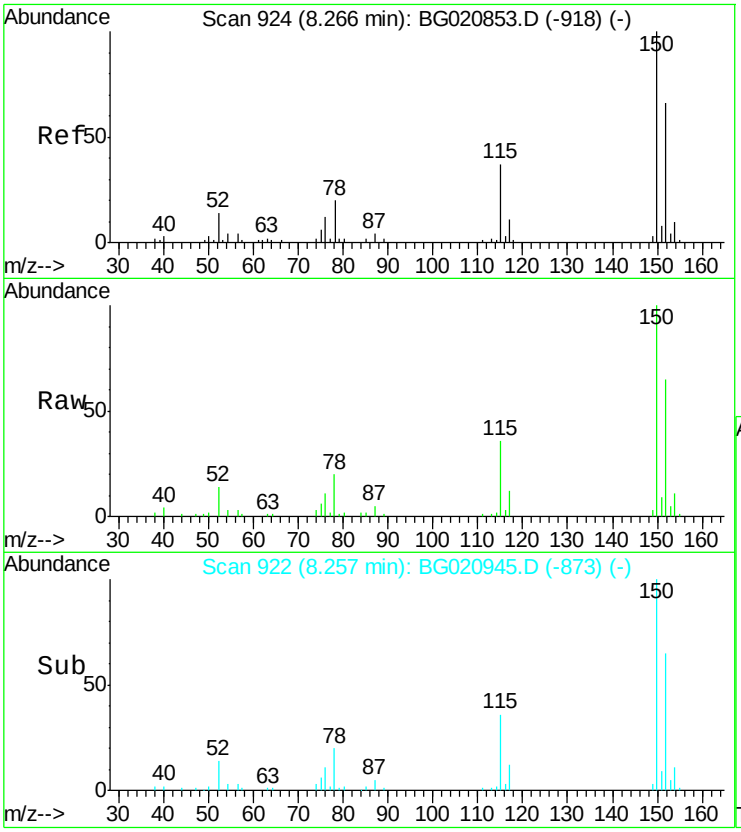


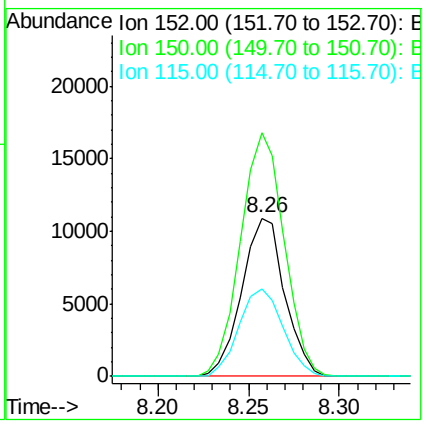


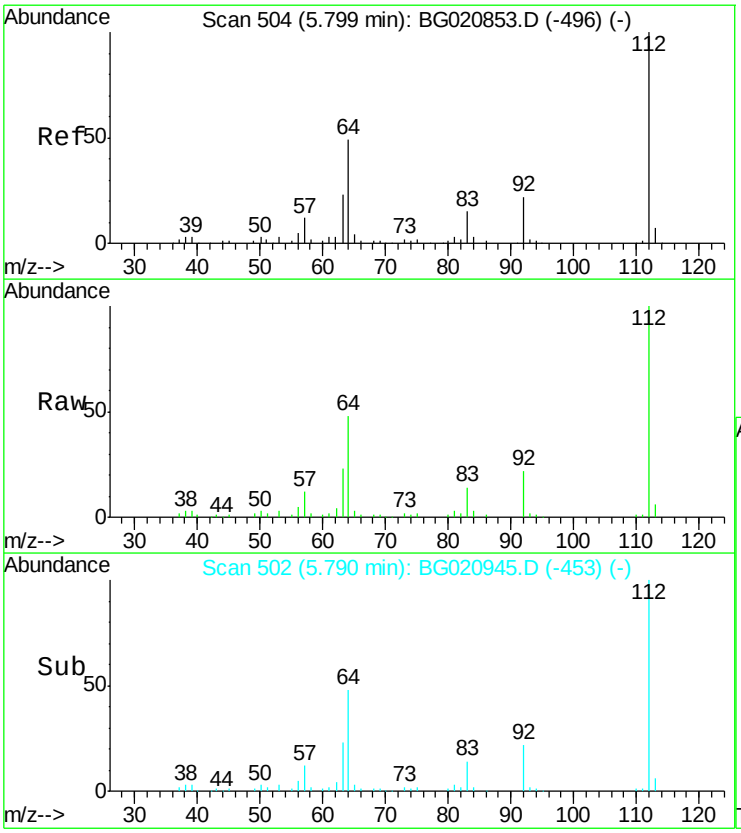
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

Instrument :
BNA_G
ClientSampleId :
HW-41

Tgt Ion:152 Resp: 17915

Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.0	183.0
115	55.1	45.2	67.8

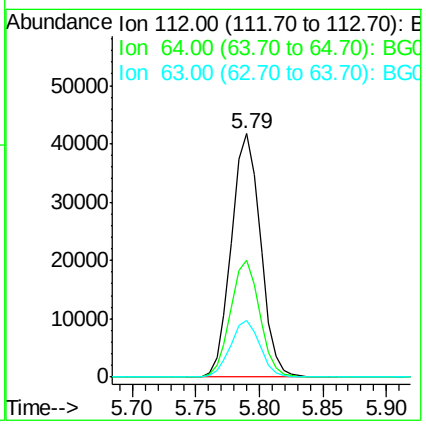


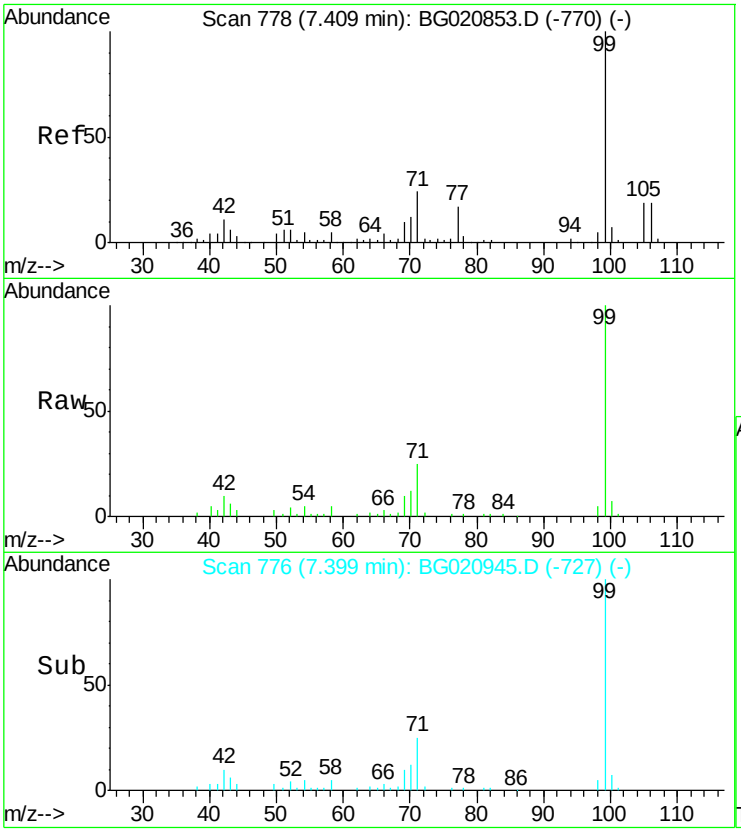


#5
2-Fluorophenol
Concen: 62.45 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

Tgt Ion:112 Resp: 66433

Ion	Ratio	Lower	Upper
112	100		
64	47.9	39.3	58.9
63	23.4	18.2	27.4



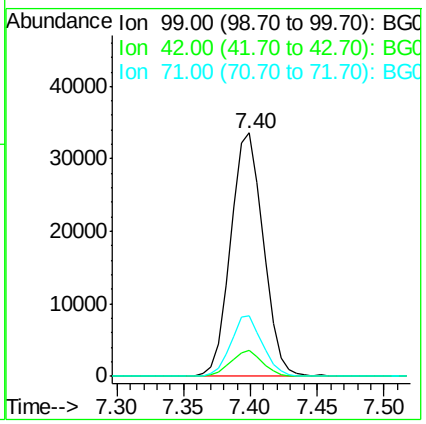


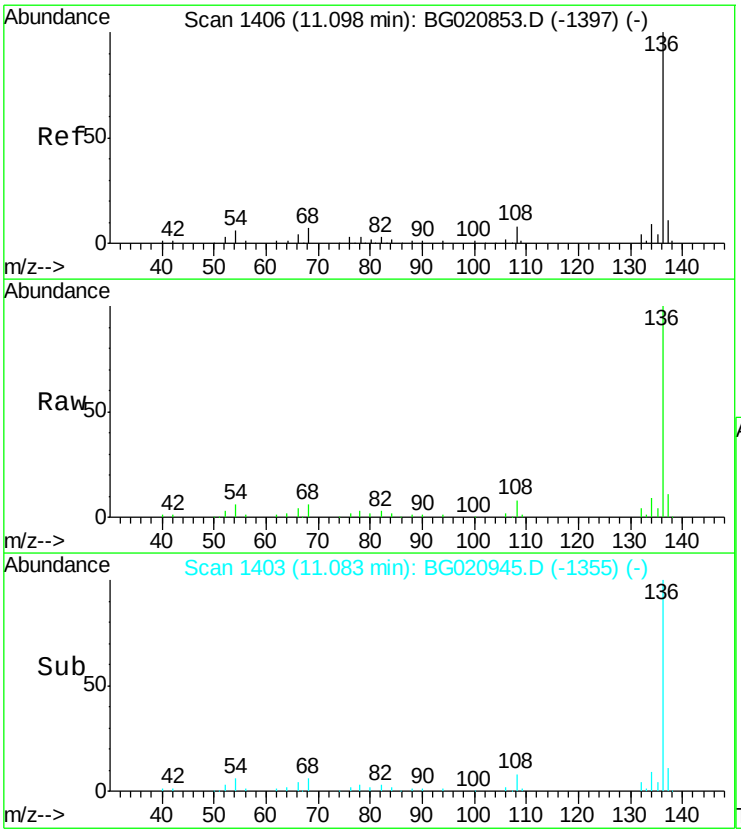
#7
Phenol-d6
Concen: 36.78 ng
RT: 7.40 min Scan# 776
Delta R.T. -0.01 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

Instrument :
BNA_G
ClientSampleId :
HW-41

Tgt Ion: 99 Resp: 57181

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.4	12.6
71	24.8	19.4	29.0

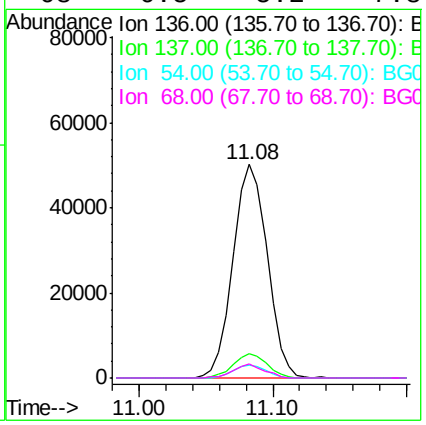


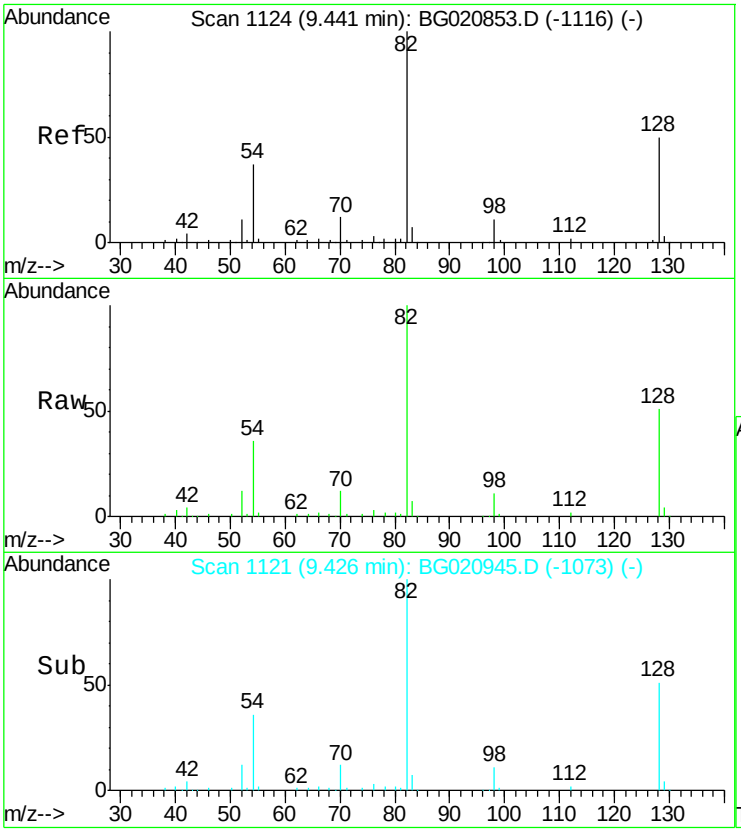


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

Tgt Ion:136 Resp: 89074

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	5.7	5.0	7.4
68	6.5	5.2	7.8



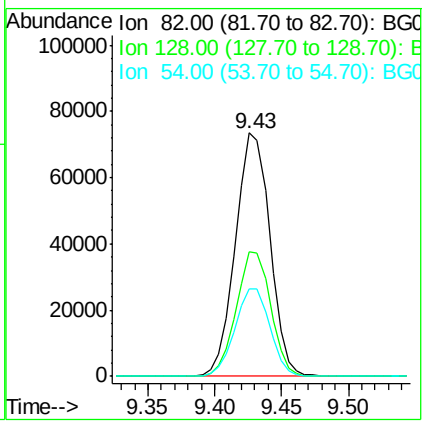


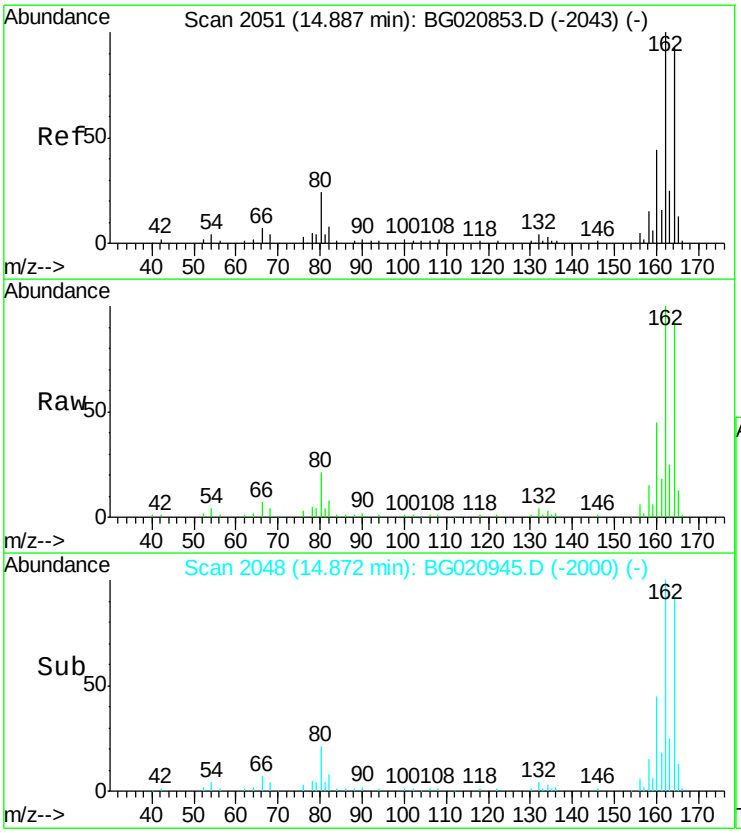
#23
Nitrobenzene-d5
Concen: 97.14 ng
RT: 9.43 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

Instrument :
BNA_G
ClientSampleId :
HW-41

Tgt Ion: 82 Resp: 131604

Ion	Ratio	Lower	Upper
82	100		
128	51.0	40.1	60.1
54	36.1	29.5	44.3

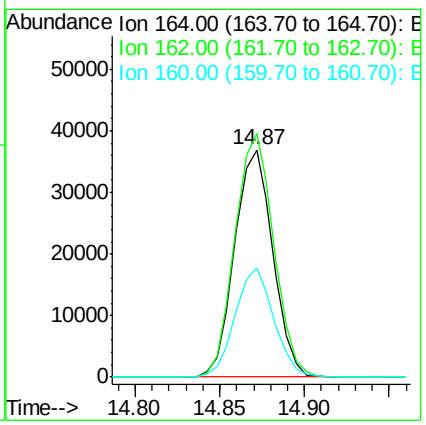


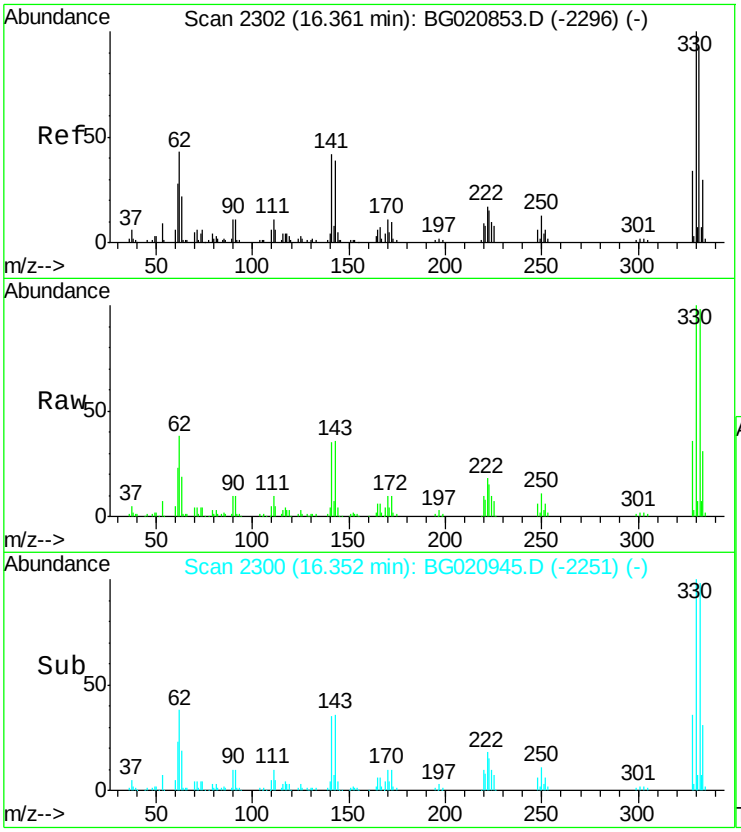


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

Tgt Ion:164 Resp: 58002

Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.7	128.5
160	47.8	37.4	56.0



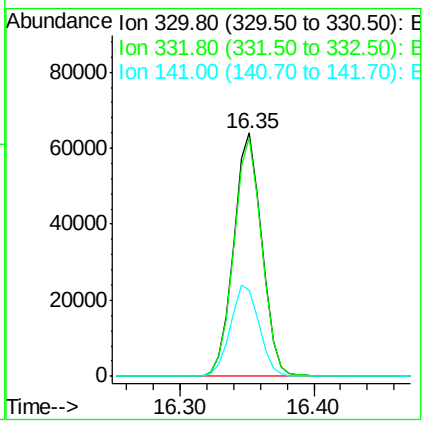


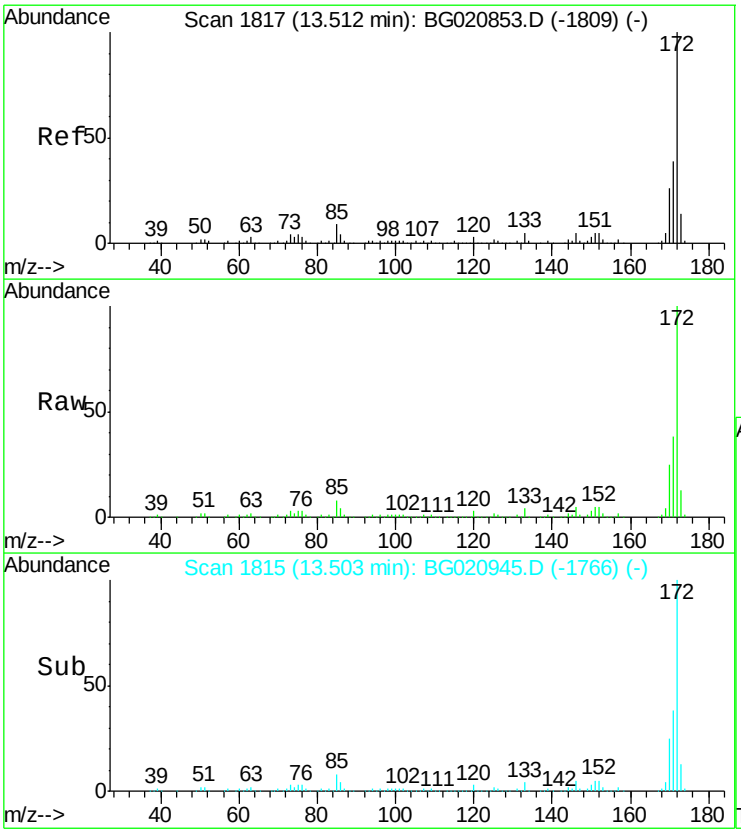
#41
2,4,6-Tribromophenol
Concen: 164.42 ng
RT: 16.35 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

Instrument :
BNA_G
ClientSampleId :
HW-41

Tgt Ion:330 Resp: 93781

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.1	114.1
141	38.2	32.0	48.0

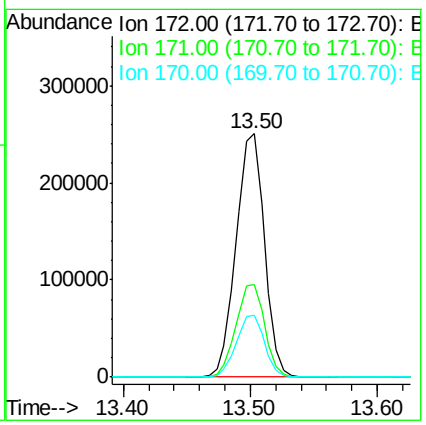


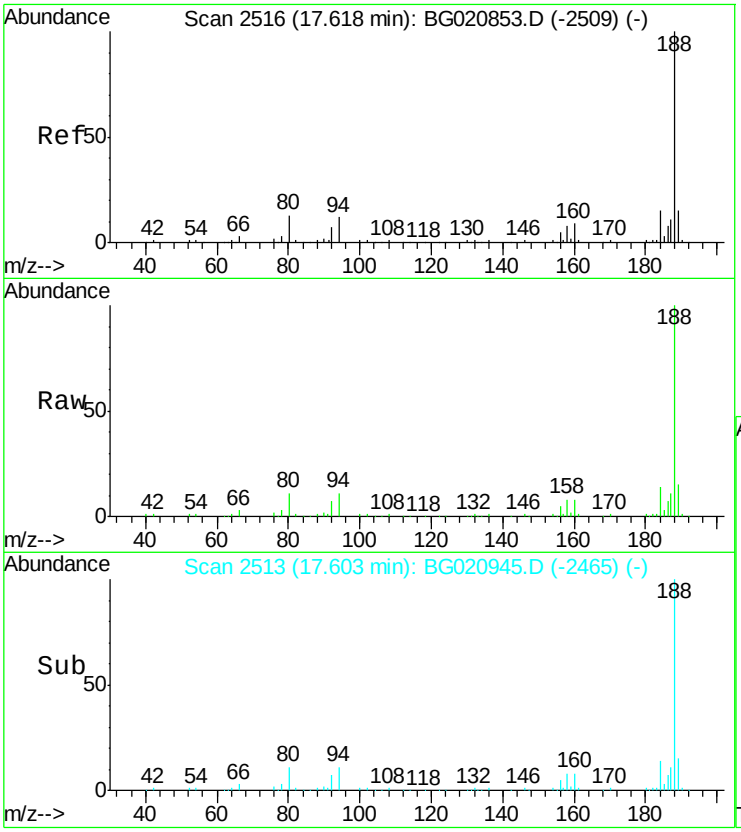


#44
2-Fluorobiphenyl
Concen: 93.78 ng
RT: 13.50 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

Tgt Ion:172 Resp: 387247

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.2	46.8
170	25.2	20.6	30.8



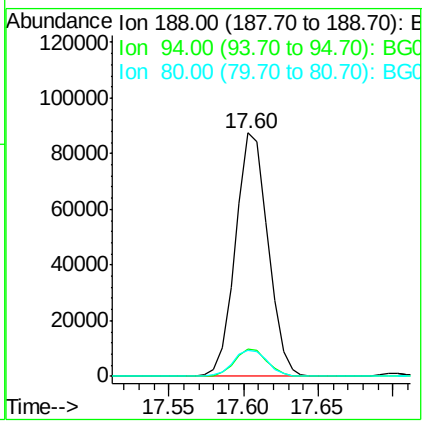


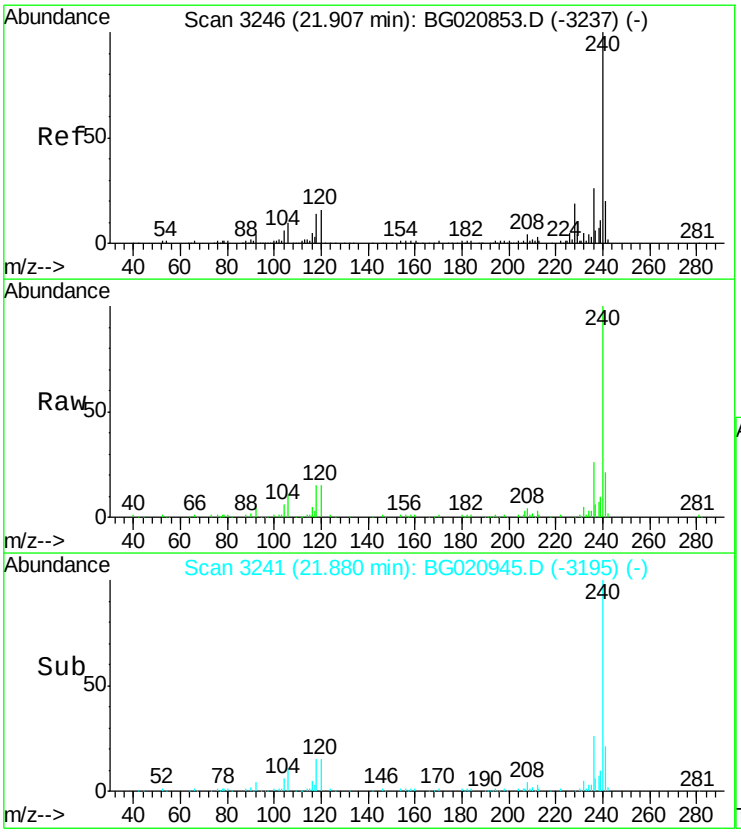
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.60 min Scan# 2513
Delta R.T. -0.02 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

Instrument :
BNA_G
ClientSampleId :
HW-41

Tgt Ion:188 Resp: 131658

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.0
80	10.8	10.2	15.4

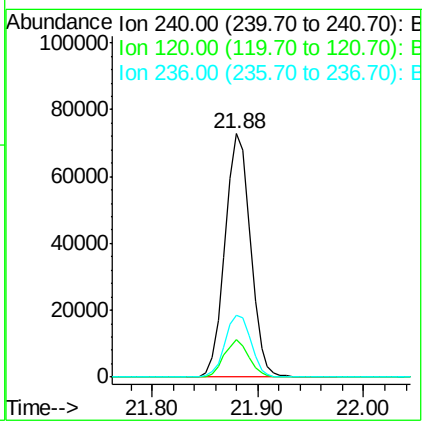


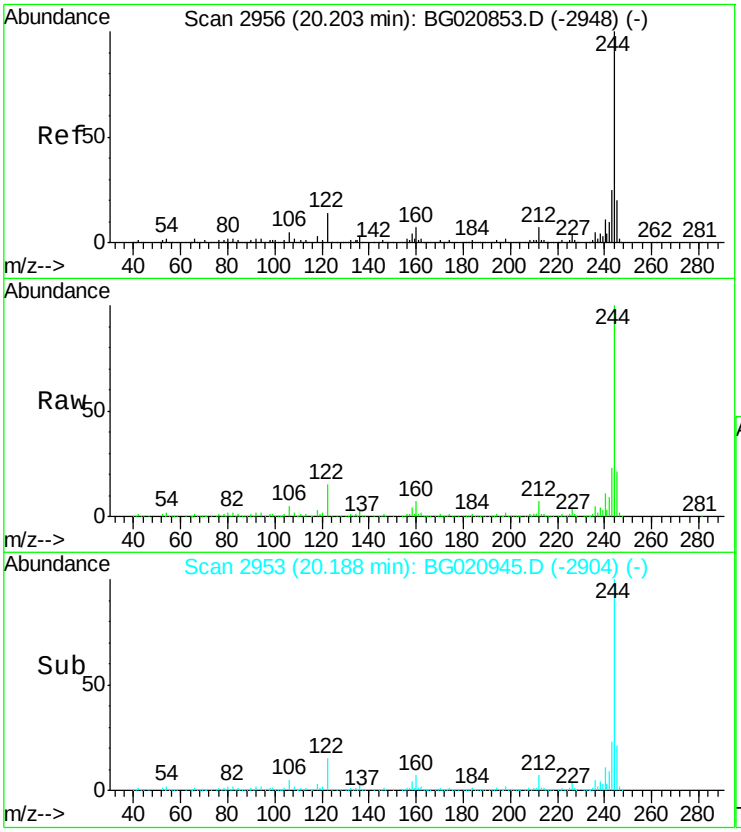


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.03 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

Tgt Ion:240 Resp: 120938

Ion	Ratio	Lower	Upper
240	100		
120	15.2	13.0	19.4
236	25.6	21.0	31.4



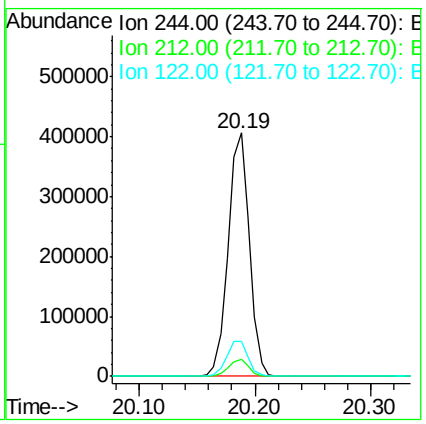


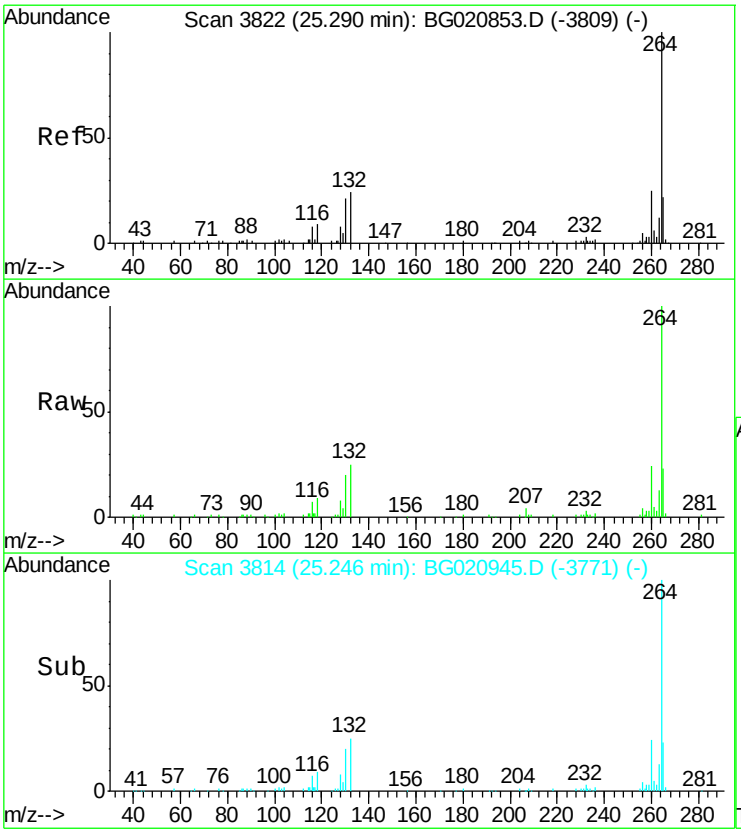
#78
Terphenyl-d14
Concen: 98.97 ng
RT: 20.19 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

Instrument :
BNA_G
ClientSampleId :
HW-41

Tgt Ion:244 Resp: 513089

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	14.6	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.25 min Scan# 3814
Delta R.T. -0.04 min
Lab File: BG020945.D
Acq: 18 Feb 2016 21:09

Tgt Ion:264 Resp: 113845

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.9	29.9
265	22.6	18.0	27.0