Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020112.D
Acq On : 11 Dec 2015 18:49
Operator : UM/SJ
Sample : G4729-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-25

Quant Time: Dec 12 00:05:06 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	18826	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	80863	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	59494	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	157007	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	179194	20.00	ng	-0.05
86) Perylene-d12	25.01	264	169750	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	70362	67.55	ng	-0.02
7) Phenol-d6	7.25	99	67165	42.71	ng	-0.02
23) Nitrobenzene-d5	9.27	82	144015	90.89	ng	-0.04
41) 2,4,6-Tribromophenol	16.22	330	138005	151.60	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	386692	88.75	ng	-0.04
78) Terphenyl-d14	20.07	244	681503	92.77	ng	-0.04
Target Compounds						Qvalue

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

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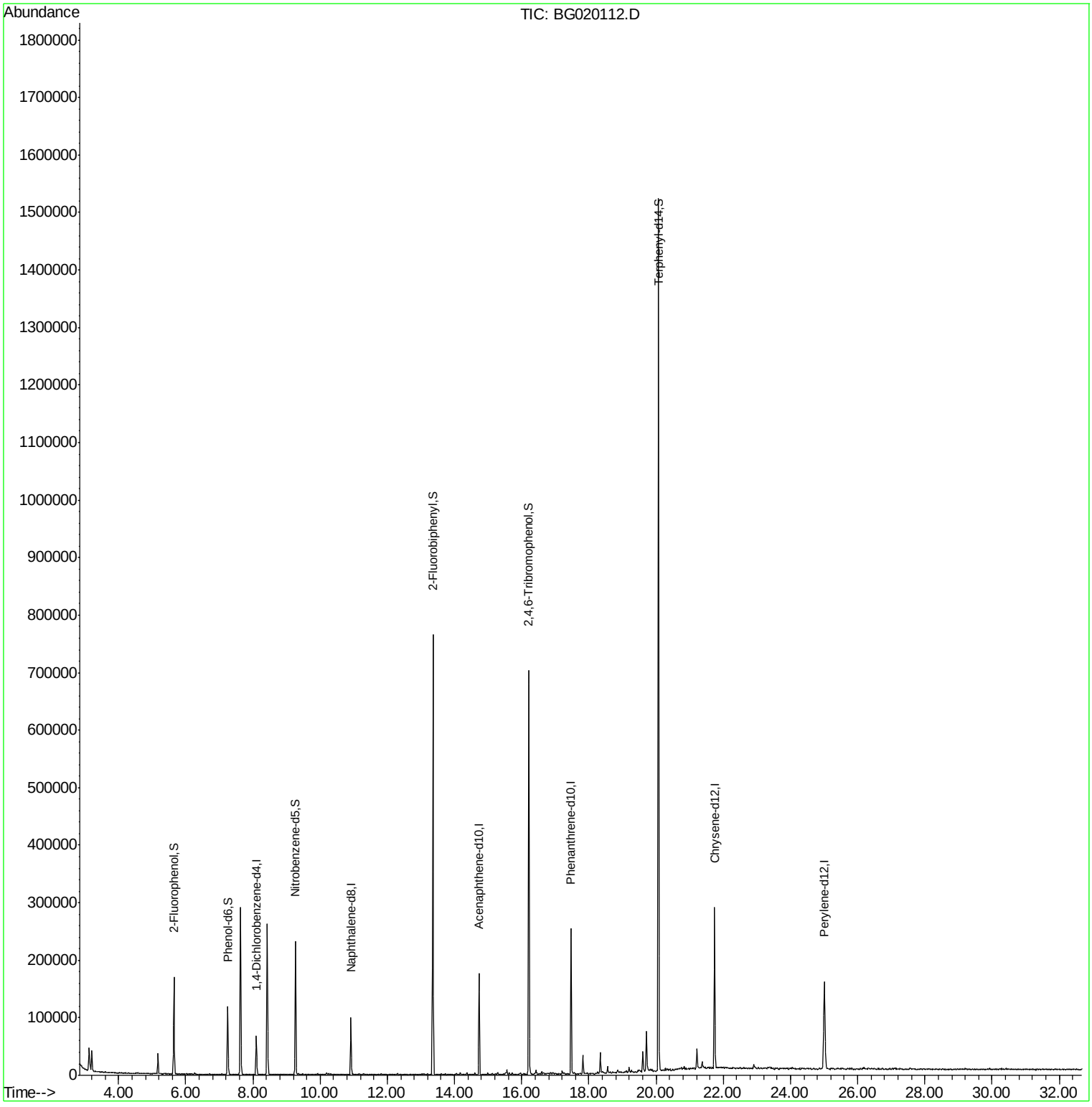
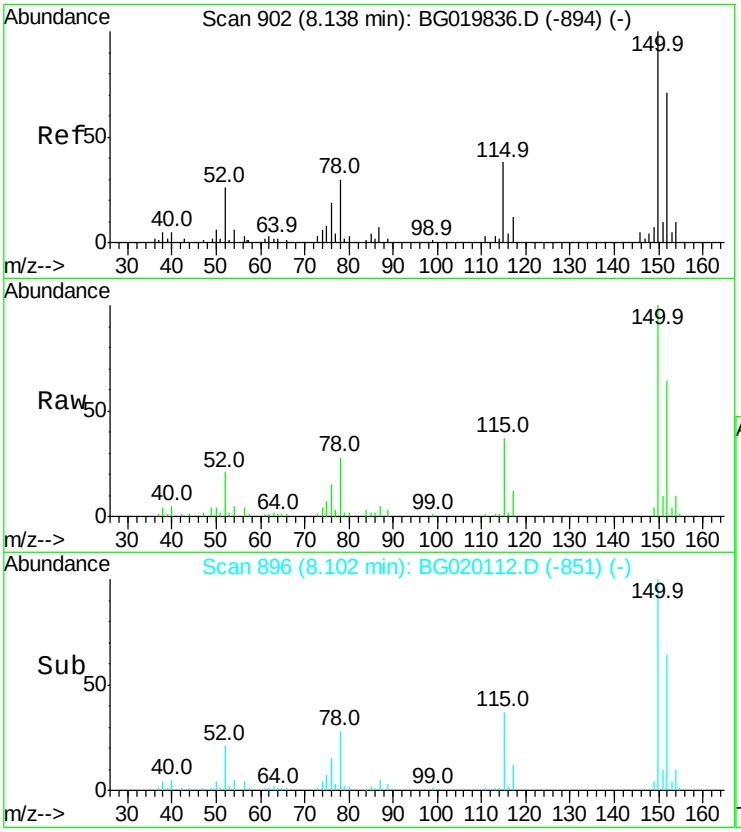


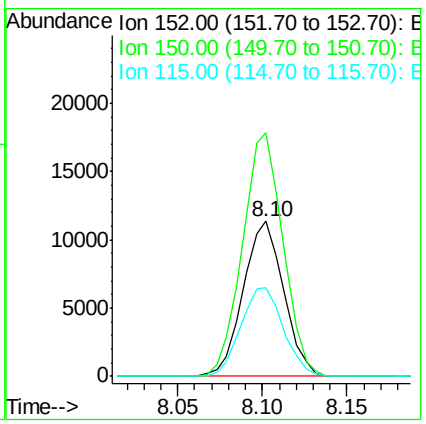


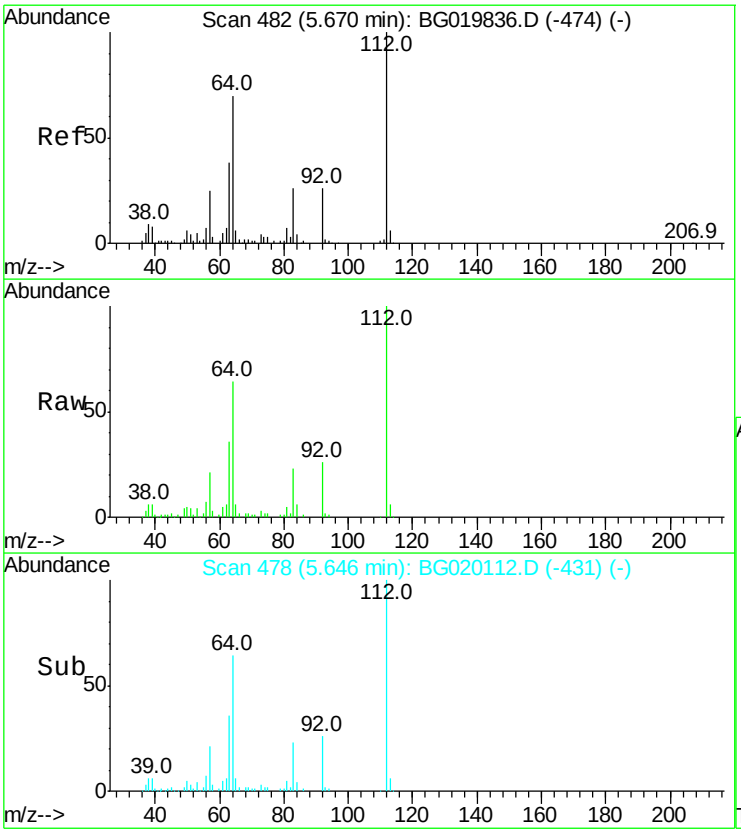
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.10 min Scan# 896
Delta R.T. -0.04 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion:152 Resp: 18826

Ion	Ratio	Lower	Upper
152	100		
150	156.9	115.0	172.4
115	57.6	43.9	65.9

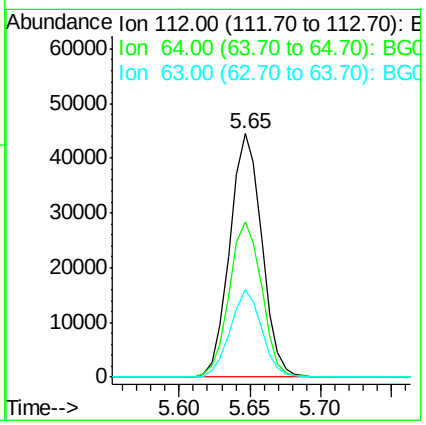


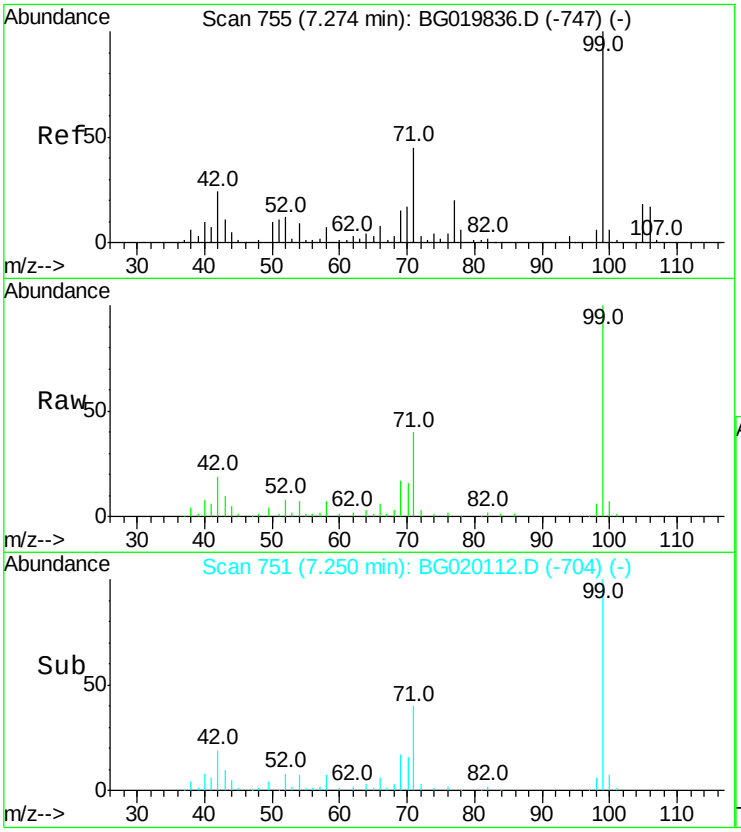


#5
2-Fluorophenol
Concen: 67.55 ng
RT: 5.65 min Scan# 478
Delta R.T. -0.02 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Tgt Ion:112 Resp: 70362

Ion	Ratio	Lower	Upper
112	100		
64	63.5	43.7	65.5
63	35.9	24.0	36.0



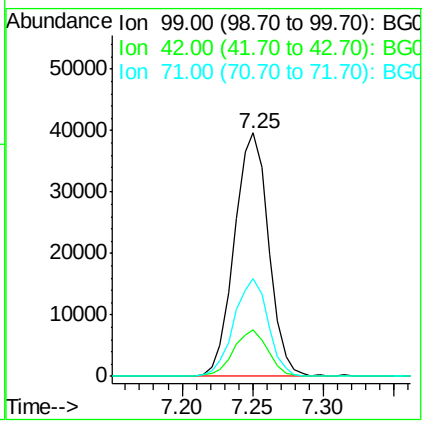


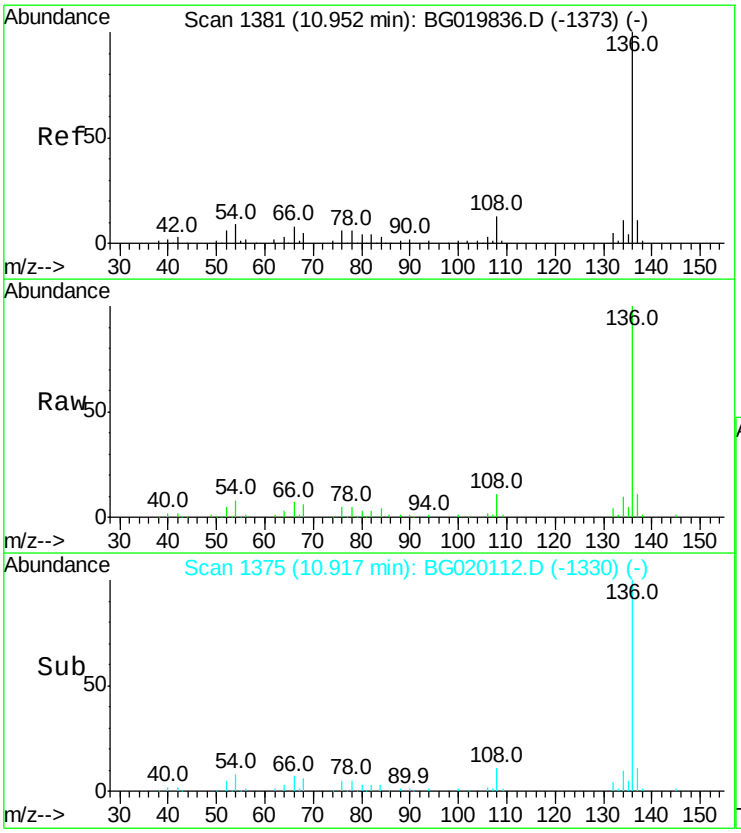
#7
Phenol-d6
Concen: 42.71 ng
RT: 7.25 min Scan# 751
Delta R.T. -0.02 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion: 99 Resp: 67165

Ion	Ratio	Lower	Upper
99	100		
42	19.2	11.5	17.3#
71	40.4	22.6	34.0#

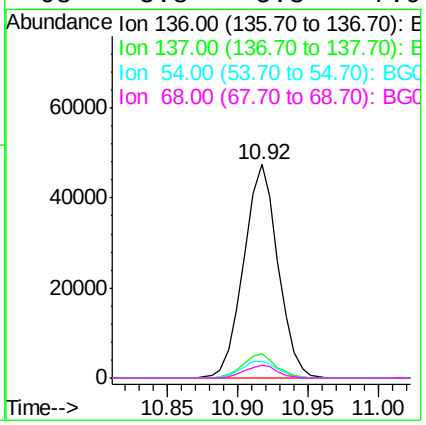


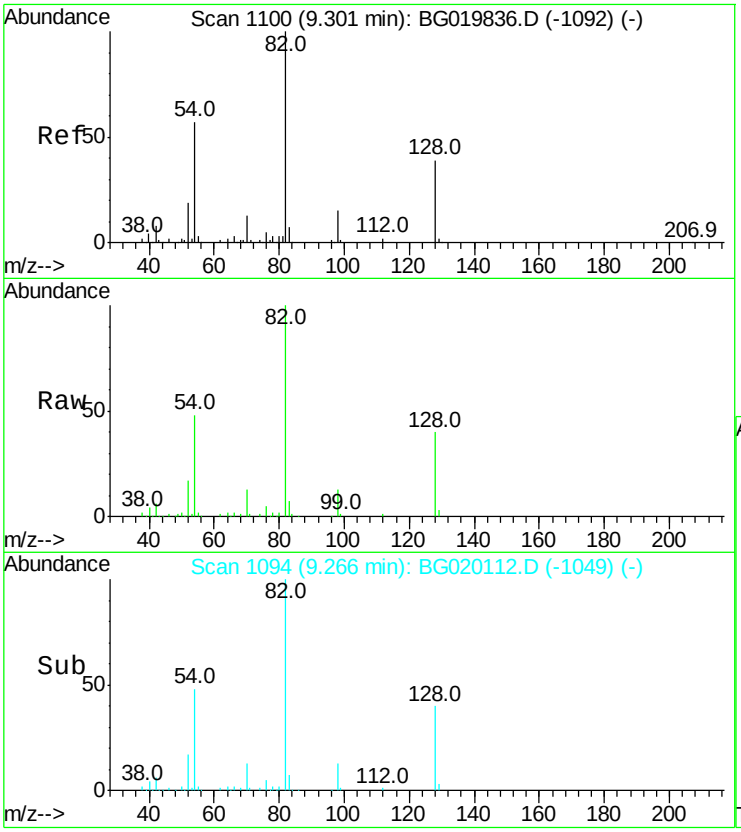


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Tgt Ion:136 Resp: 80863

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	7.9	5.4	8.2
68	5.8	5.3	7.9



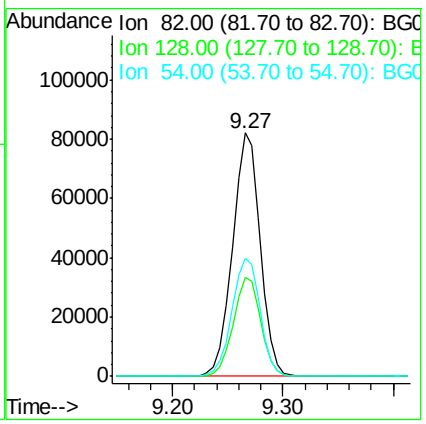


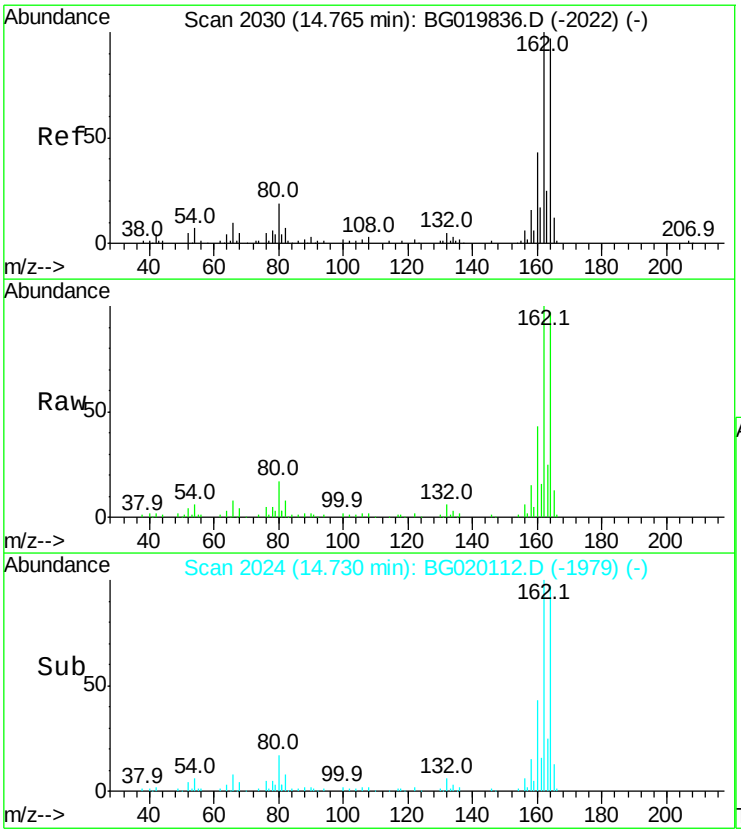
#23
Nitrobenzene-d5
Concen: 90.89 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion: 82 Resp: 144015

Ion	Ratio	Lower	Upper
82	100		
128	40.4	36.7	55.1
54	48.4	33.8	50.8

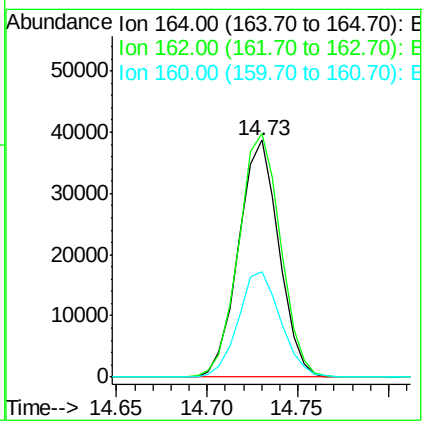


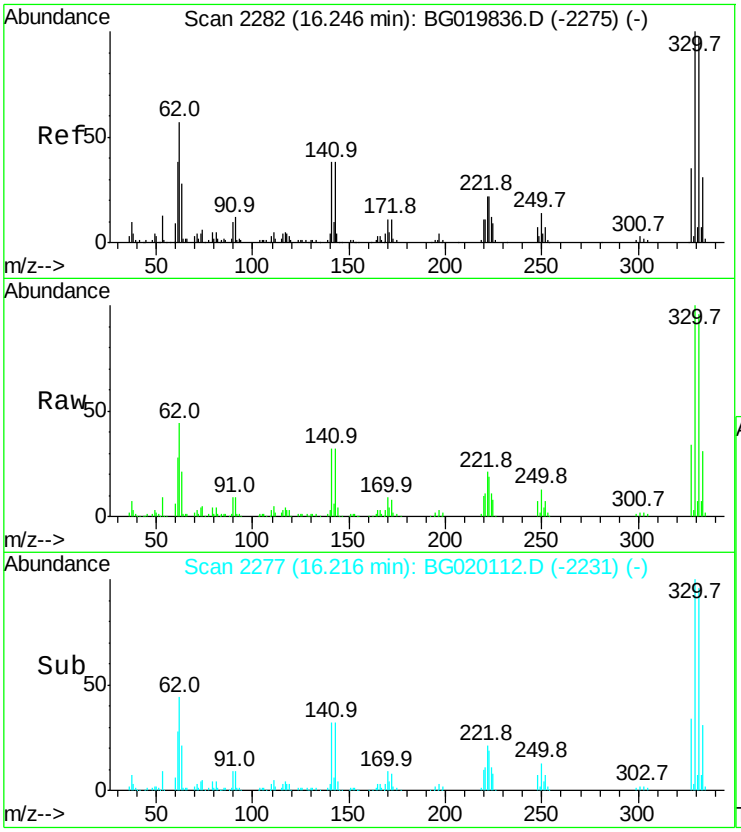


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Tgt Ion:164 Resp: 59494

Ion	Ratio	Lower	Upper
164	100		
162	102.8	78.8	118.2
160	44.6	36.4	54.6



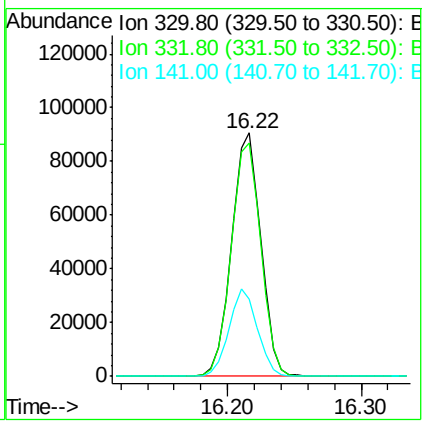


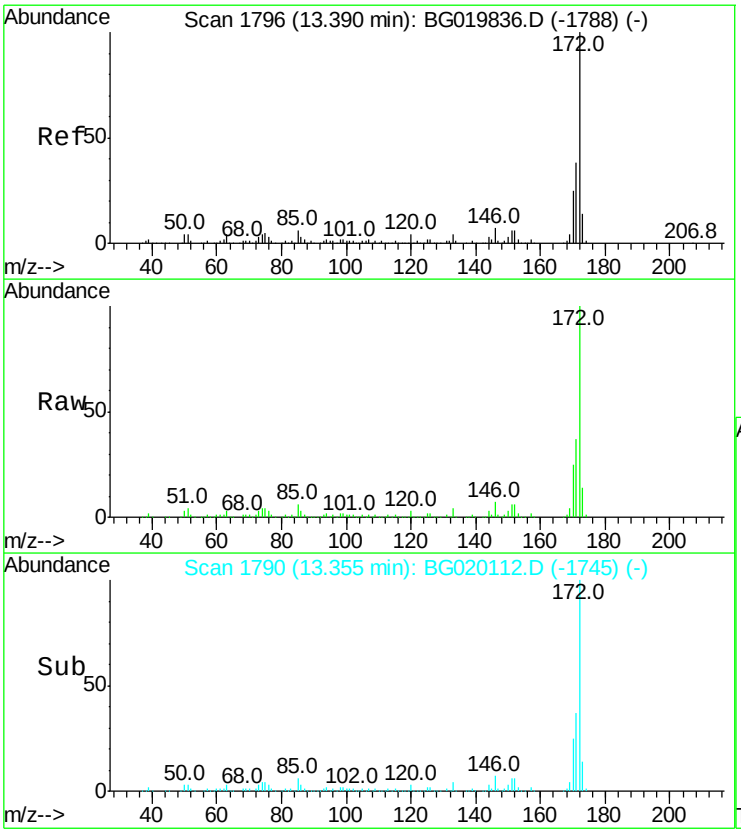
#41
2,4,6-Tribromophenol
Concen: 151.60 ng
RT: 16.22 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion:330 Resp: 138005

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.1	117.1
141	35.0	28.2	42.2

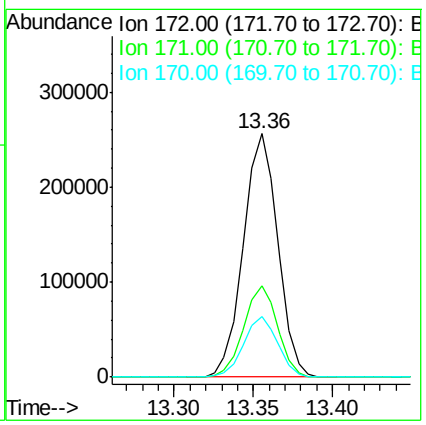


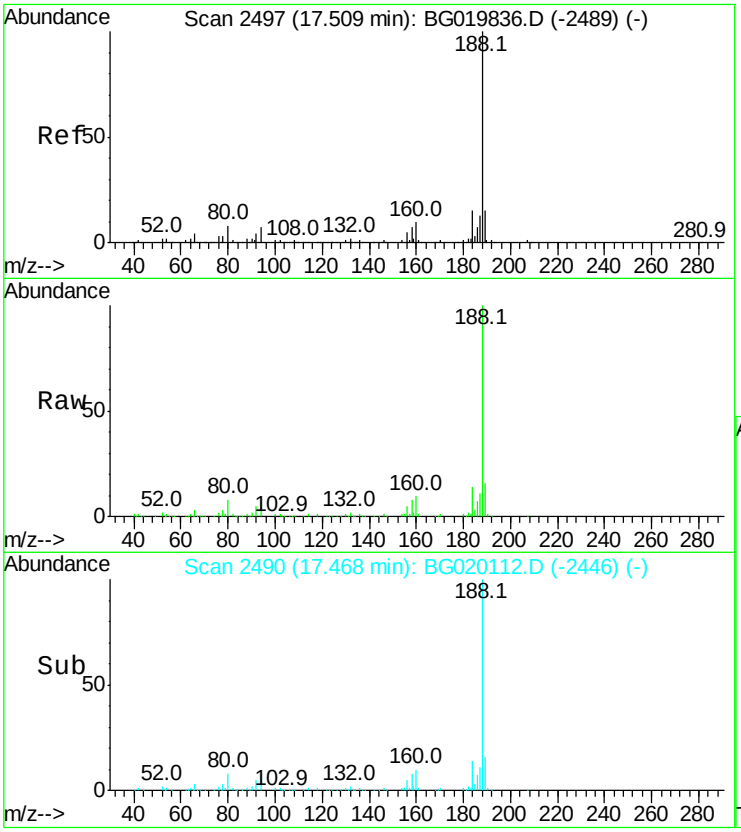


#44
2-Fluorobiphenyl
Concen: 88.75 ng
RT: 13.36 min Scan# 1790
Delta R.T. -0.04 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Tgt Ion:172 Resp: 386692

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.0	43.6
170	25.0	19.9	29.9



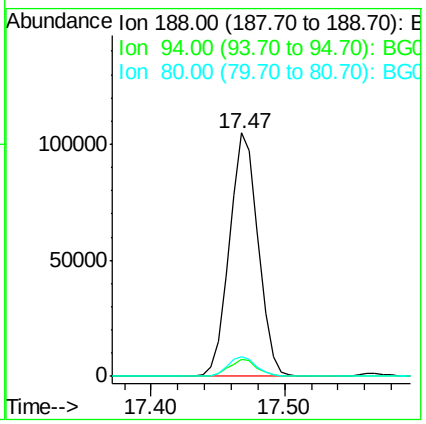


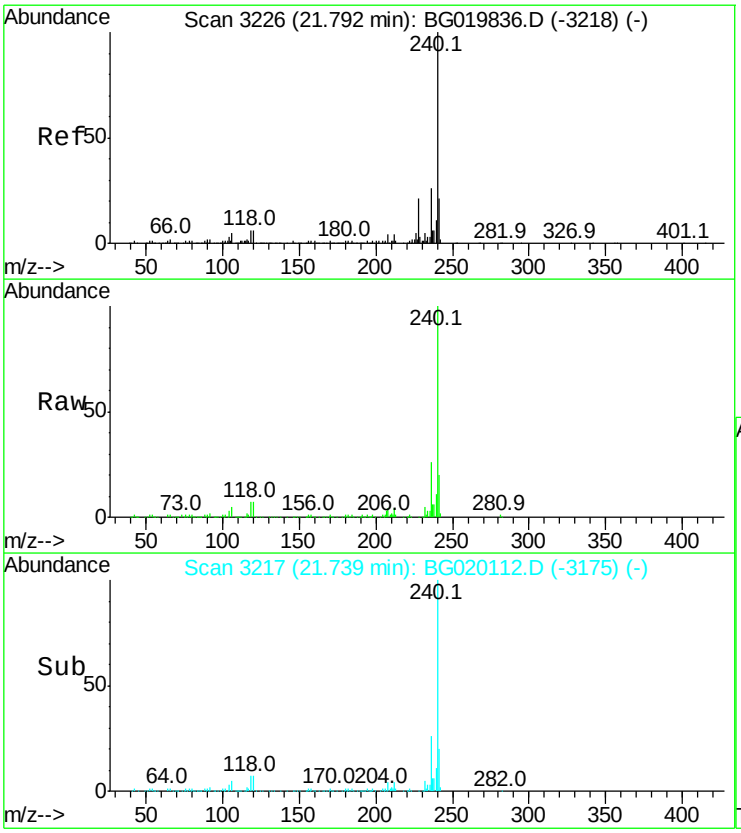
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. -0.04 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion:188 Resp: 157007

Ion	Ratio	Lower	Upper
188	100		
94	6.8	7.7	11.5#
80	8.0	7.8	11.8

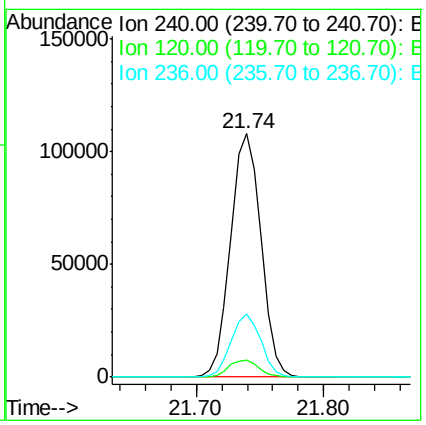


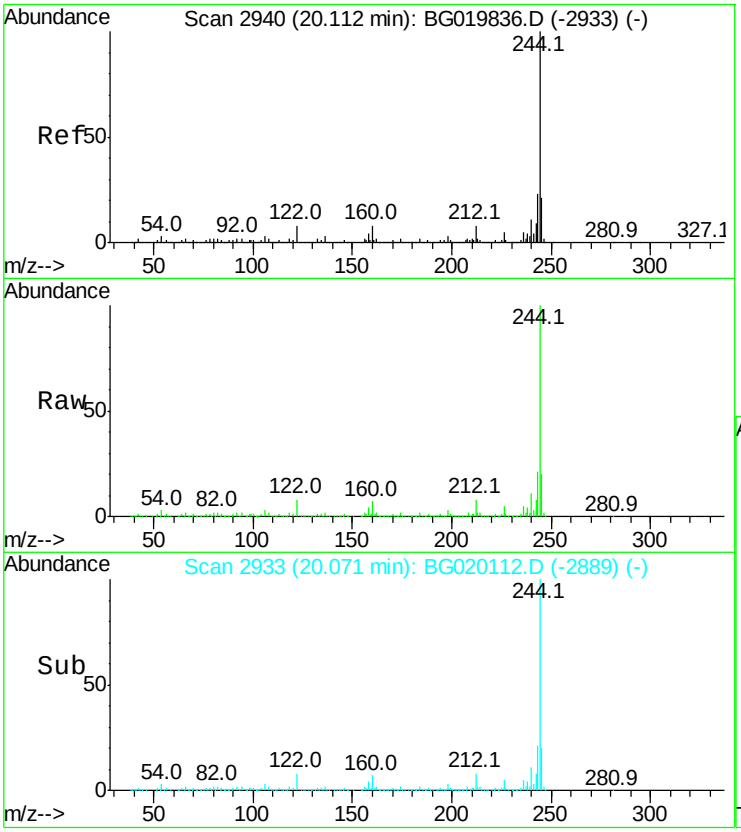


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.74 min Scan# 3217
Delta R.T. -0.05 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Tgt Ion:240 Resp: 179194

Ion	Ratio	Lower	Upper
240	100		
120	7.1	7.4	11.0#
236	25.8	20.7	31.1



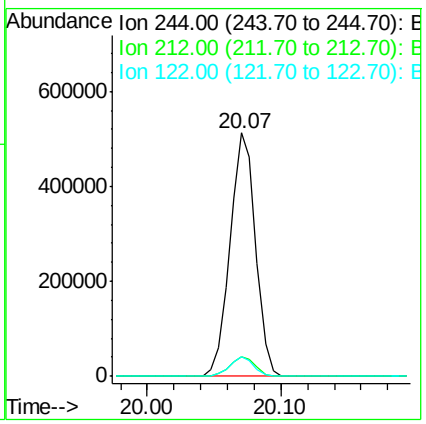


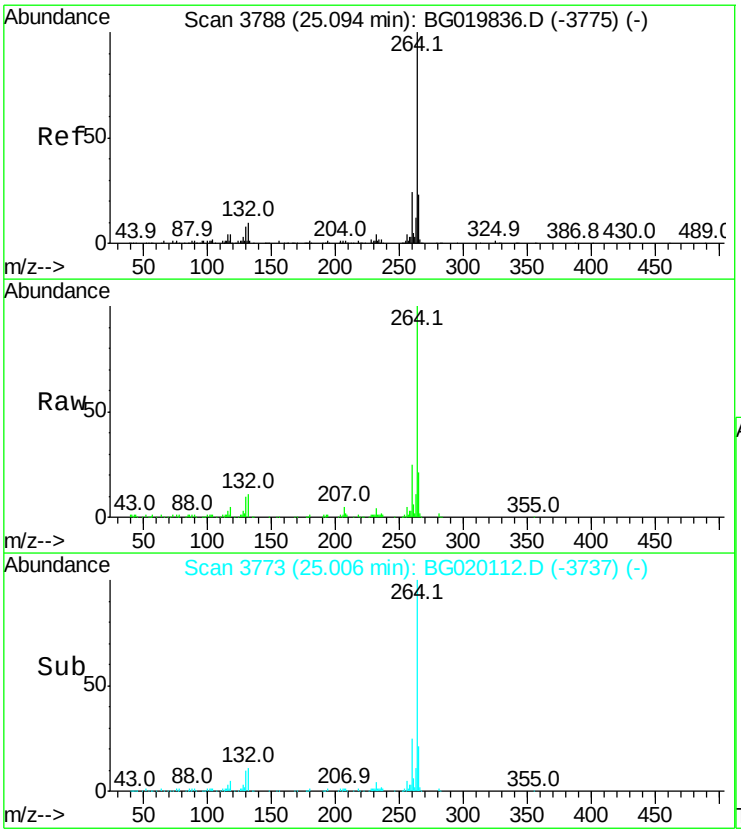
#78
Terphenyl-d14
Concen: 92.77 ng
RT: 20.07 min Scan# 2933
Delta R.T. -0.04 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Instrument :
BNA_G
ClientSampleId :
W-25

Tgt Ion:244 Resp: 681503

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	8.3	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.01 min Scan# 3773
Delta R.T. -0.09 min
Lab File: BG020112.D
Acq: 11 Dec 2015 18:49

Tgt Ion:264 Resp: 169750

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.5	27.7
265	21.2	17.2	25.8