Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019977.D
Acq On : 6 Dec 2015 21:33
Operator : UM/NP
Sample : G4630-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-32

Quant Time: Dec 07 03:24:53 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	8.11	152	36811	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	157563	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	106847	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	253681	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	298441	20.00	ng	-0.04
86) Perylene-d12	25.03	264	283303	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	142700	70.06	ng	-0.01
7) Phenol-d6	7.26	99	130402	42.40	ng	-0.02
23) Nitrobenzene-d5	9.28	82	313917	101.68	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	228464	139.75	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	744107	95.09	ng	-0.02
78) Terphenyl-d14	20.09	244	1123793	91.85	ng	-0.02
Target Compounds						Qvalue

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

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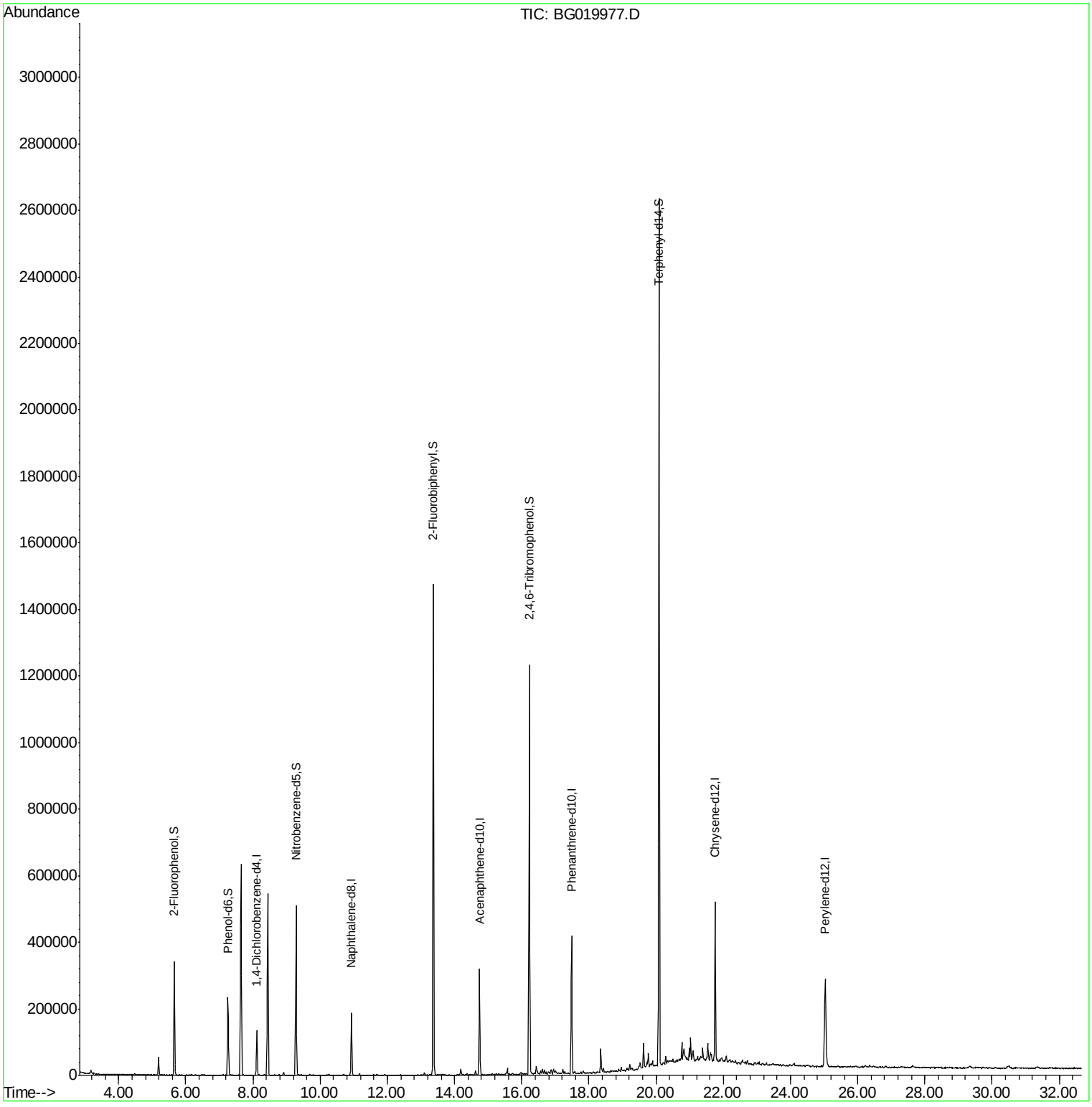
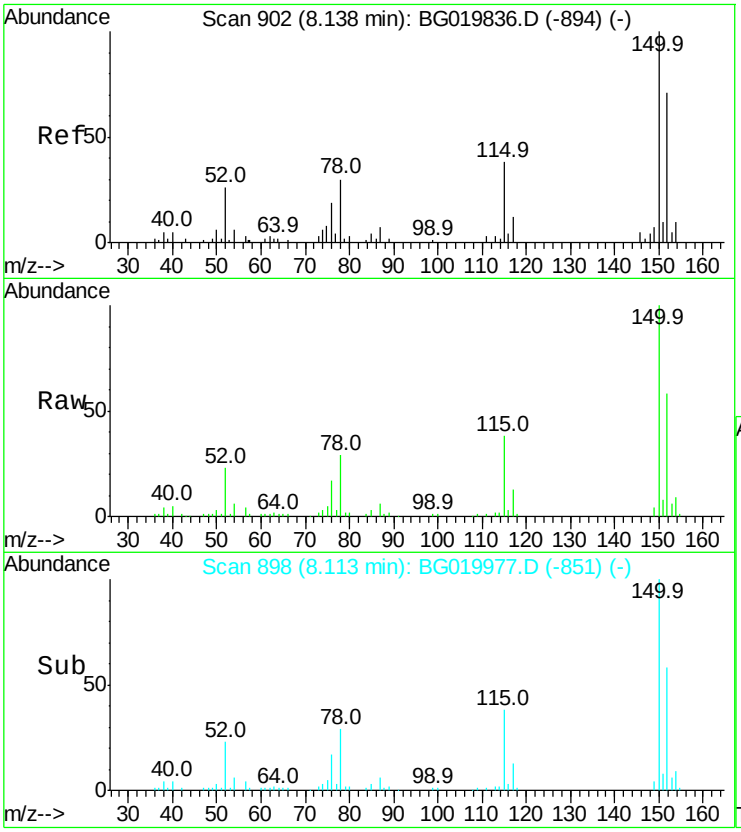


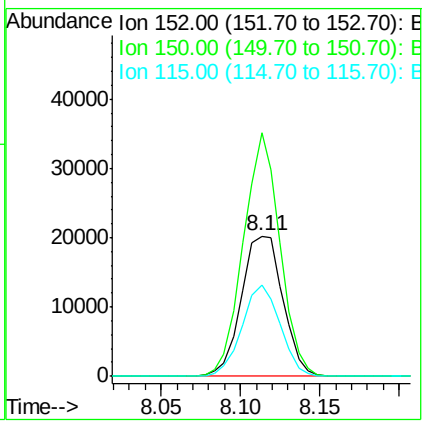


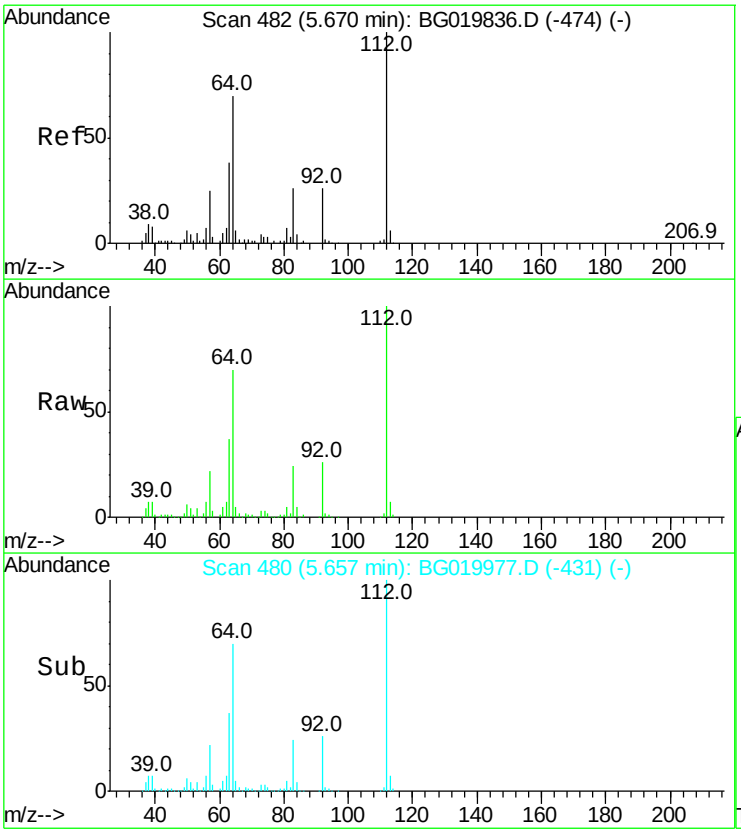
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019977.D
Acq: 6 Dec 2015 21:33

Instrument :
BNA_G
ClientSampleId :
MW-32

Tgt Ion:152 Resp: 36811

Ion	Ratio	Lower	Upper
152	100		
150	173.4	115.0	172.4#
115	65.4	43.9	65.9

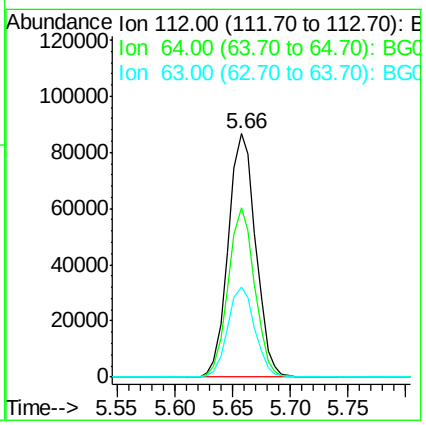


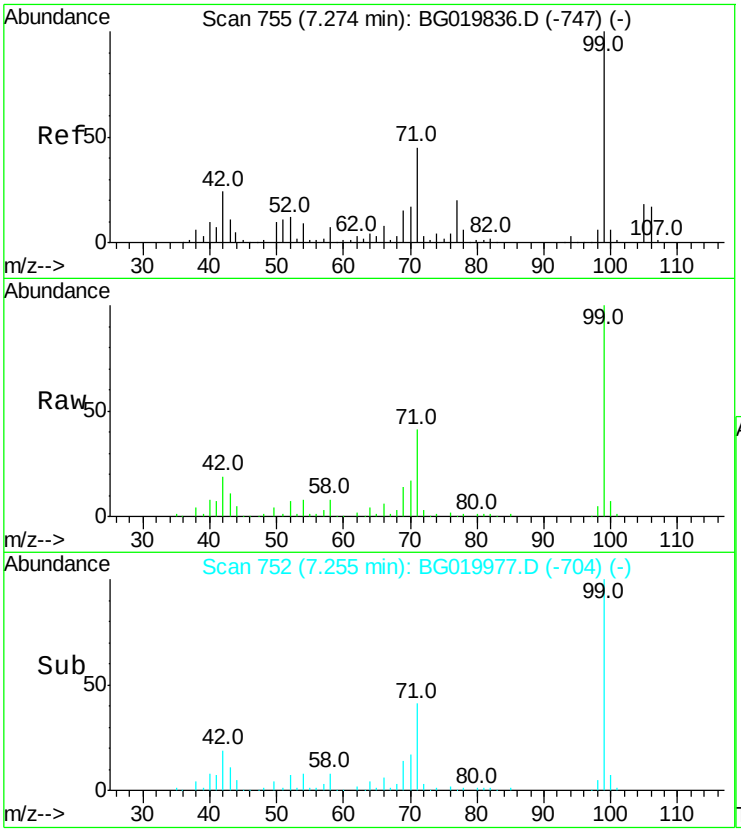


#5
2-Fluorophenol
Concen: 70.06 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019977.D
Acq: 6 Dec 2015 21:33

Tgt Ion:112 Resp: 142700

Ion	Ratio	Lower	Upper
112	100		
64	69.6	43.7	65.5#
63	37.2	24.0	36.0#



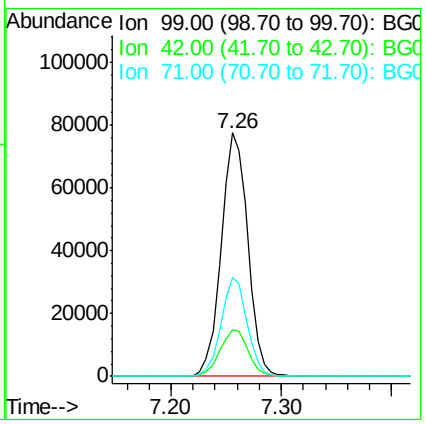


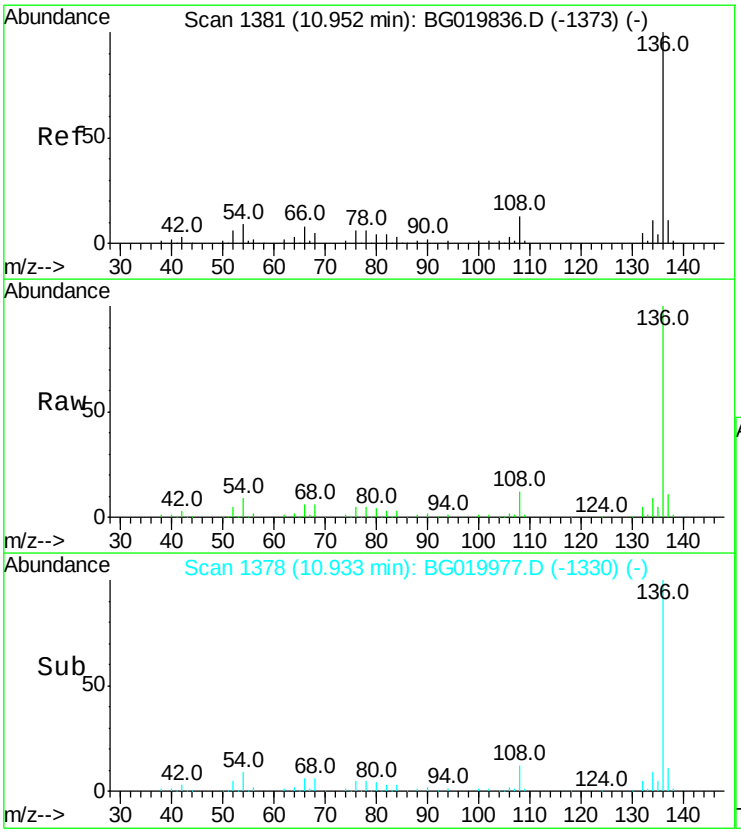
#7
Phenol-d6
Concen: 42.40 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG019977.D
Acq: 6 Dec 2015 21:33

Instrument :
BNA_G
ClientSampleId :
MW-32

Tgt Ion: 99 Resp: 130402

Ion	Ratio	Lower	Upper
99	100		
42	19.3	11.5	17.3#
71	40.6	22.6	34.0#

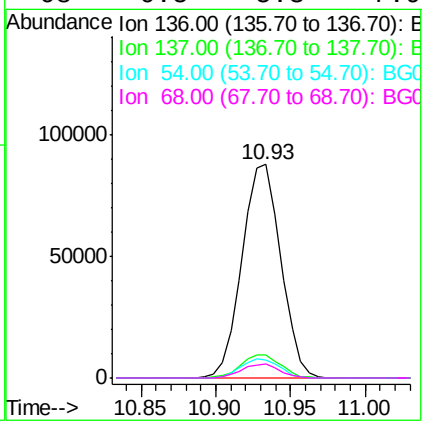


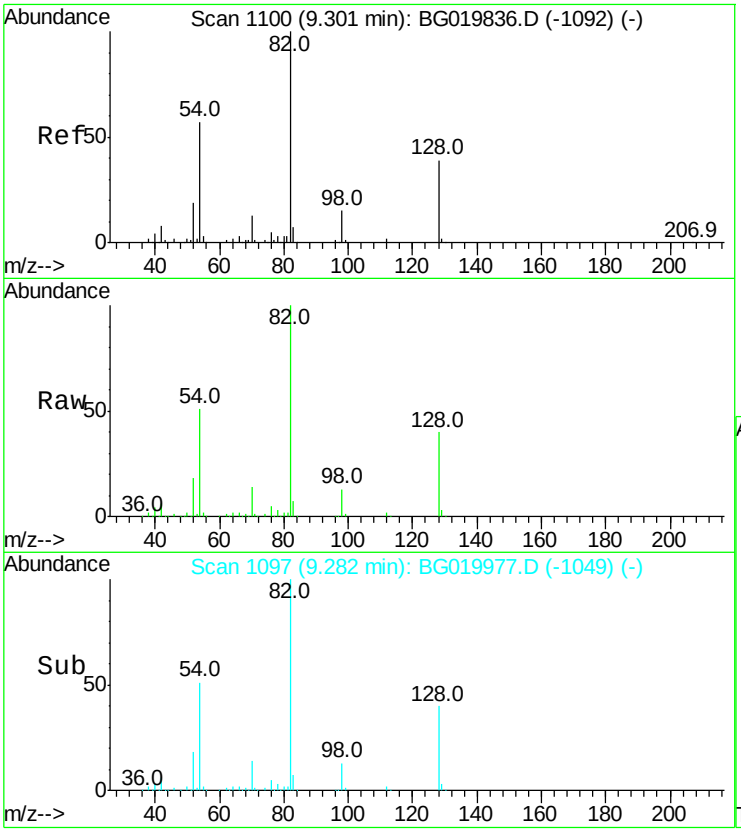


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019977.D
Acq: 6 Dec 2015 21:33

Tgt Ion:136 Resp: 157563

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	8.6	5.4	8.2#
68	6.5	5.3	7.9



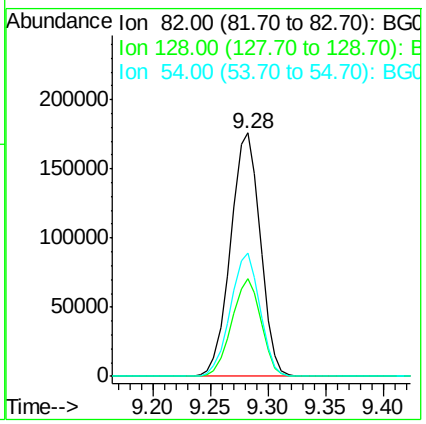


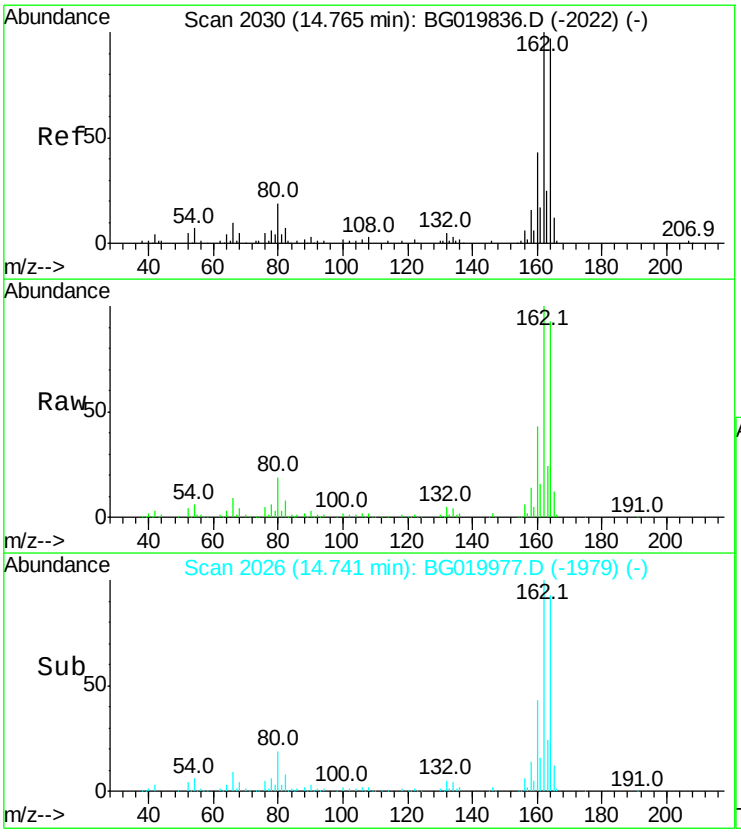
#23
Nitrobenzene-d5
Concen: 101.68 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019977.D
Acq: 6 Dec 2015 21:33

Instrument :
BNA_G
ClientSampleId :
MW-32

Tgt Ion: 82 Resp: 313917

Ion	Ratio	Lower	Upper
82	100		
128	40.0	36.7	55.1
54	50.6	33.8	50.8

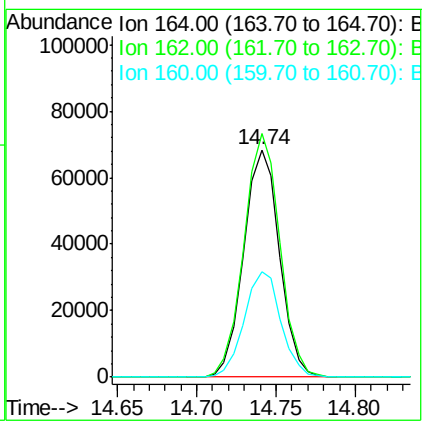


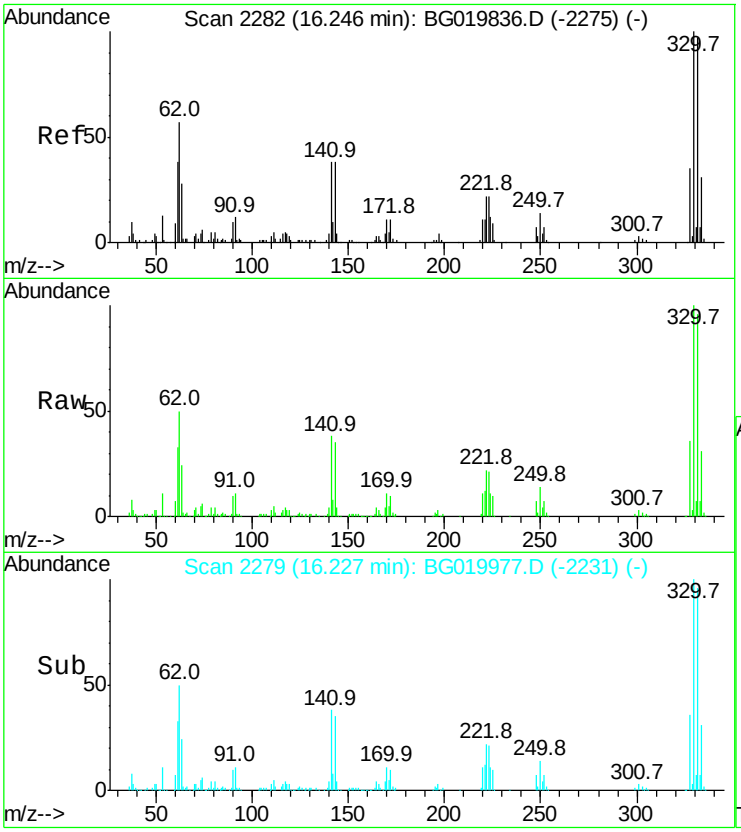


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019977.D
Acq: 6 Dec 2015 21:33

Tgt Ion:164 Resp: 106847

Ion	Ratio	Lower	Upper
164	100		
162	107.0	78.8	118.2
160	46.1	36.4	54.6



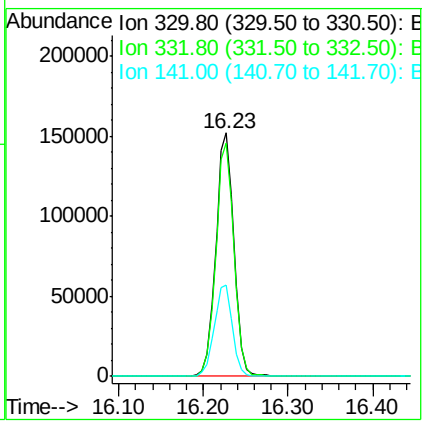


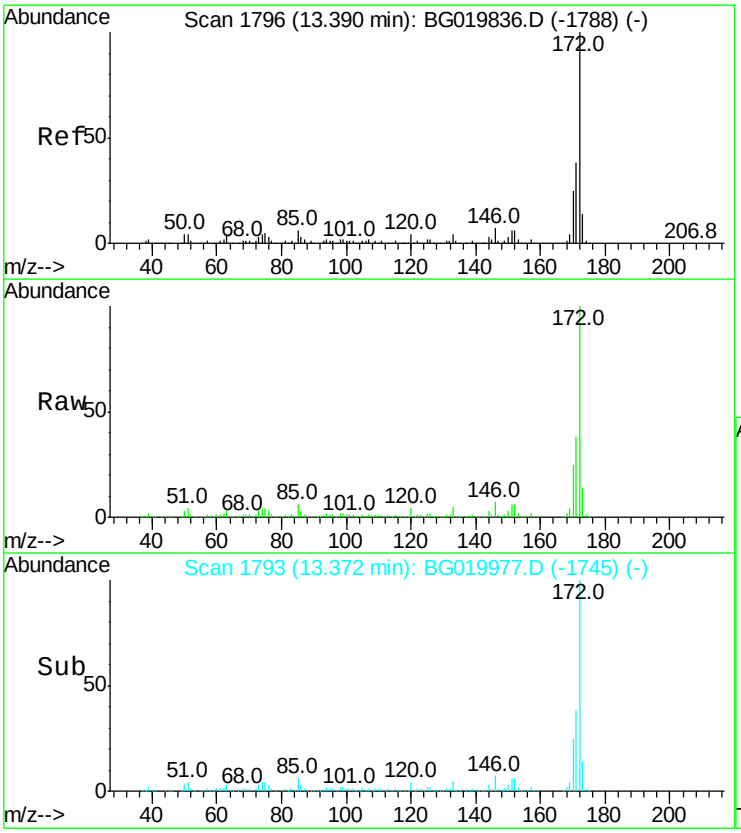
#41
2,4,6-Tribromophenol
Concen: 139.75 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG019977.D
Acq: 6 Dec 2015 21:33

Instrument :
BNA_G
ClientSampleId :
MW-32

Tgt Ion:330 Resp: 228464

Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.1	117.1
141	37.9	28.2	42.2

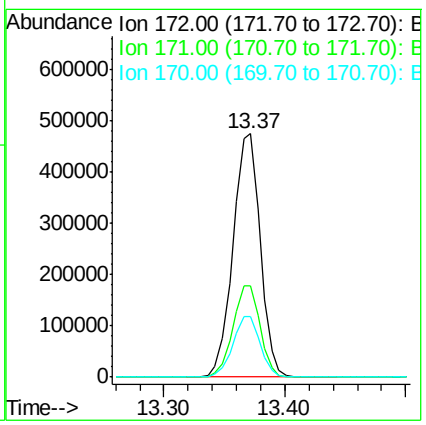


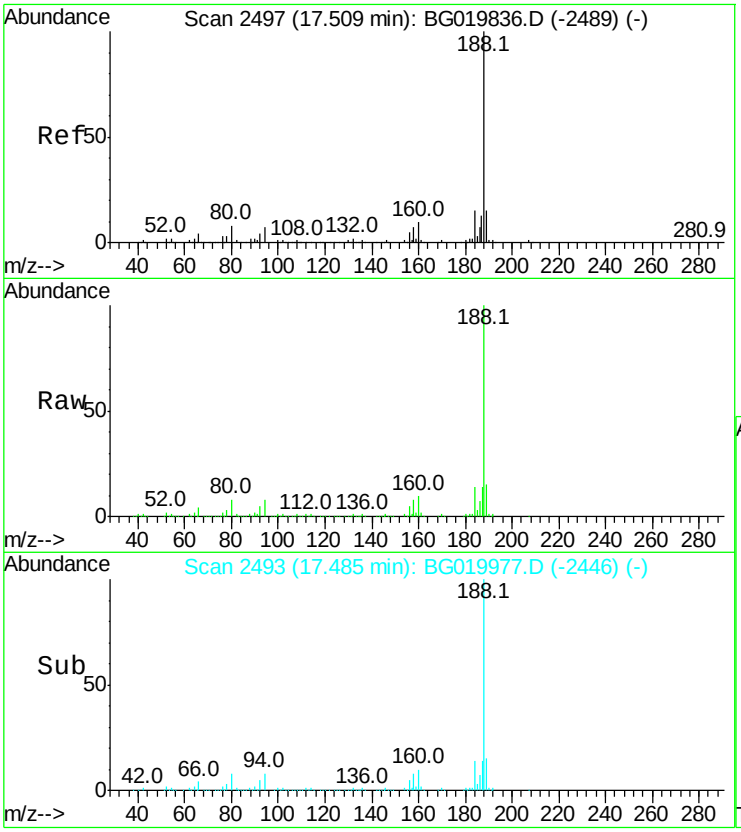


#44
2-Fluorobiphenyl
Concen: 95.09 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG019977.D
Acq: 6 Dec 2015 21:33

Tgt Ion:172 Resp: 744107

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.6
170	24.9	19.9	29.9



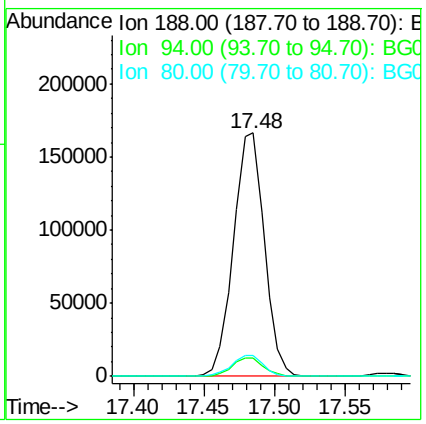


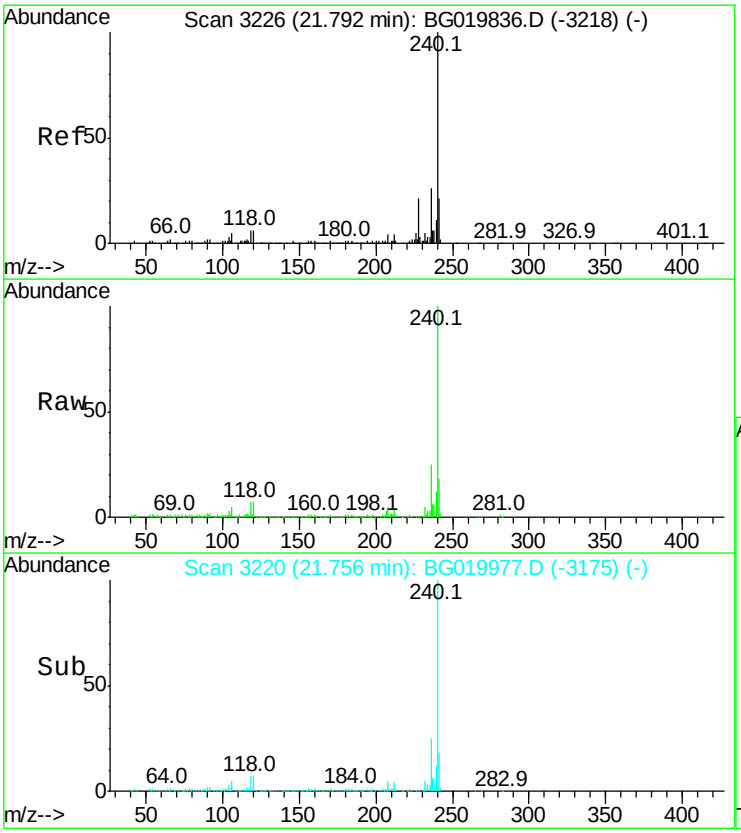
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019977.D
Acq: 6 Dec 2015 21:33

Instrument :
BNA_G
ClientSampleId :
MW-32

Tgt Ion:188 Resp: 253681

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.7	11.5#
80	8.4	7.8	11.8

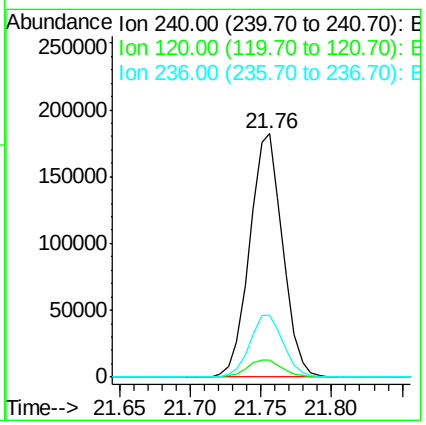


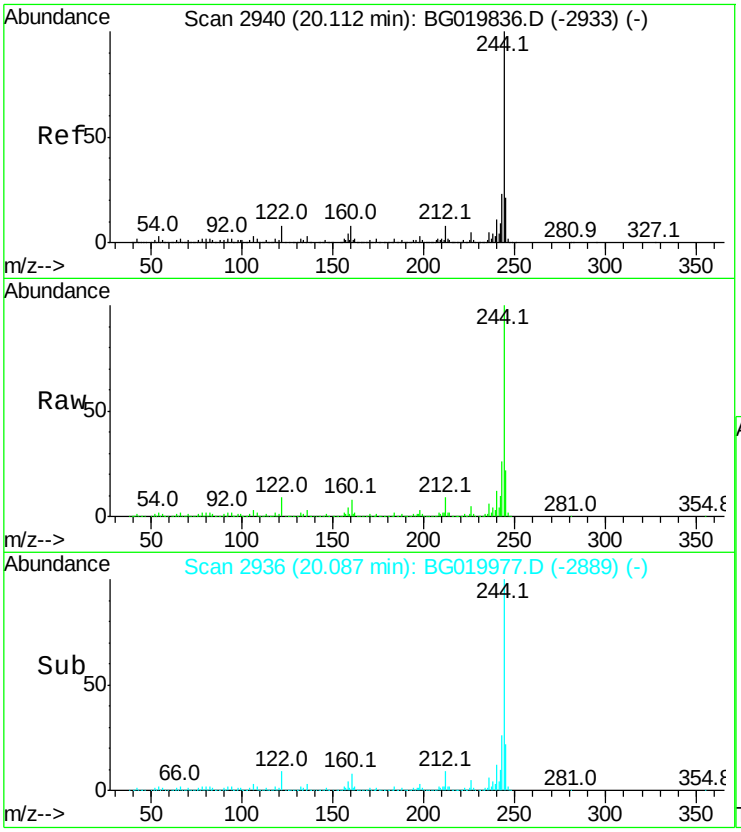


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG019977.D
Acq: 6 Dec 2015 21:33

Tgt Ion:240 Resp: 298441

Ion	Ratio	Lower	Upper
240	100		
120	6.8	7.4	11.0#
236	25.2	20.7	31.1



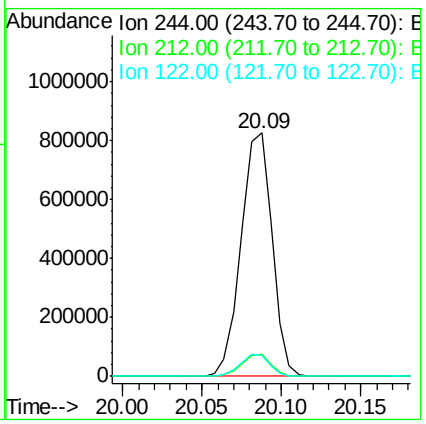


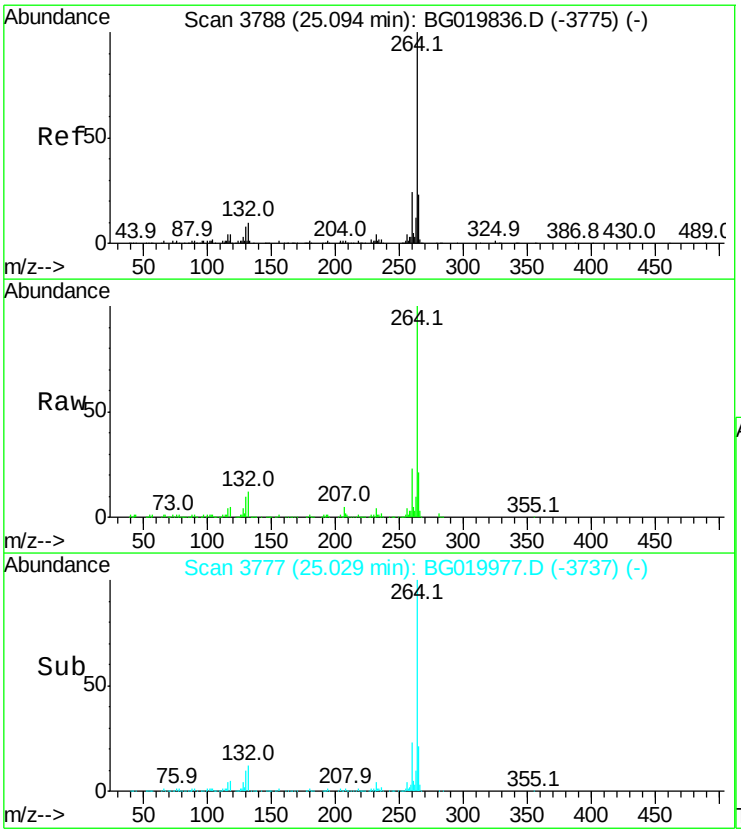
#78
Terphenyl-d14
Concen: 91.85 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.02 min
Lab File: BG019977.D
Acq: 6 Dec 2015 21:33

Instrument :
BNA_G
ClientSampleId :
MW-32

Tgt Ion:244 Resp: 1123793

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.9	10.3
122	8.5	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.07 min
Lab File: BG019977.D
Acq: 6 Dec 2015 21:33

Tgt Ion:264 Resp: 283303

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.4	17.2	25.8