Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG120715\
Data File : BG020006.D
Acq On : 8 Dec 2015 7:13
Operator : UM/NP
Sample : G4676-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Time: Dec 08 11:37:36 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	19269	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	83894	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	57786	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	138267	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	164904	20.00	ng	-0.04
86) Perylene-d12	25.03	264	151908	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	65790	61.71	ng	-0.01
7) Phenol-d6	7.25	99	63424	39.40	ng	-0.02
23) Nitrobenzene-d5	9.28	82	150534	91.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	115859	131.04	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	382629	90.41	ng	-0.02
78) Terphenyl-d14	20.08	244	627598	92.83	ng	-0.03
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.80	142	8220	2.50	ng	# 80

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

Quantitation Report (Not Reviewed)

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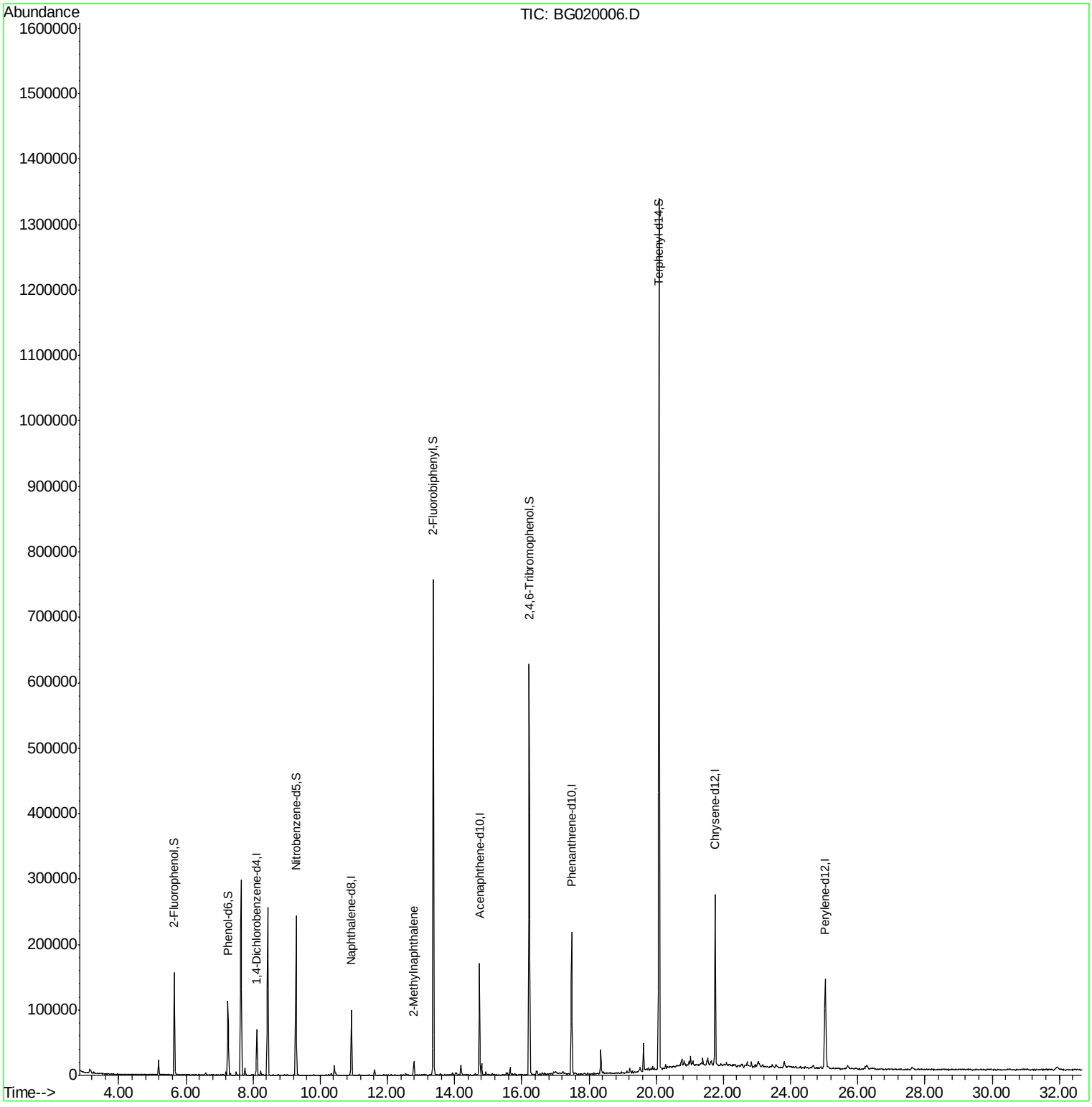
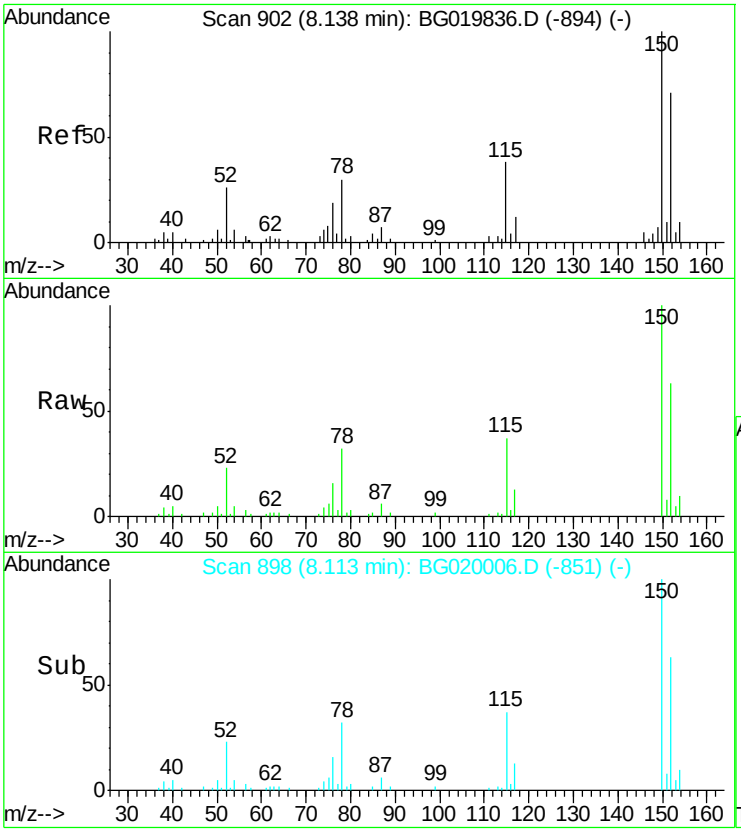


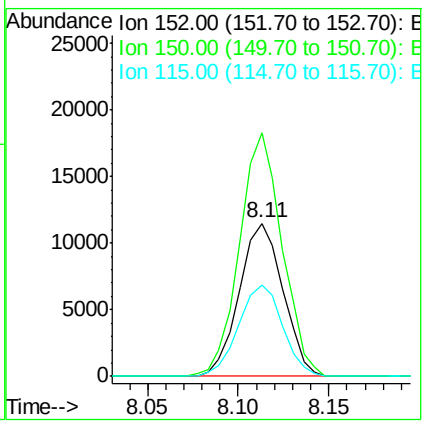


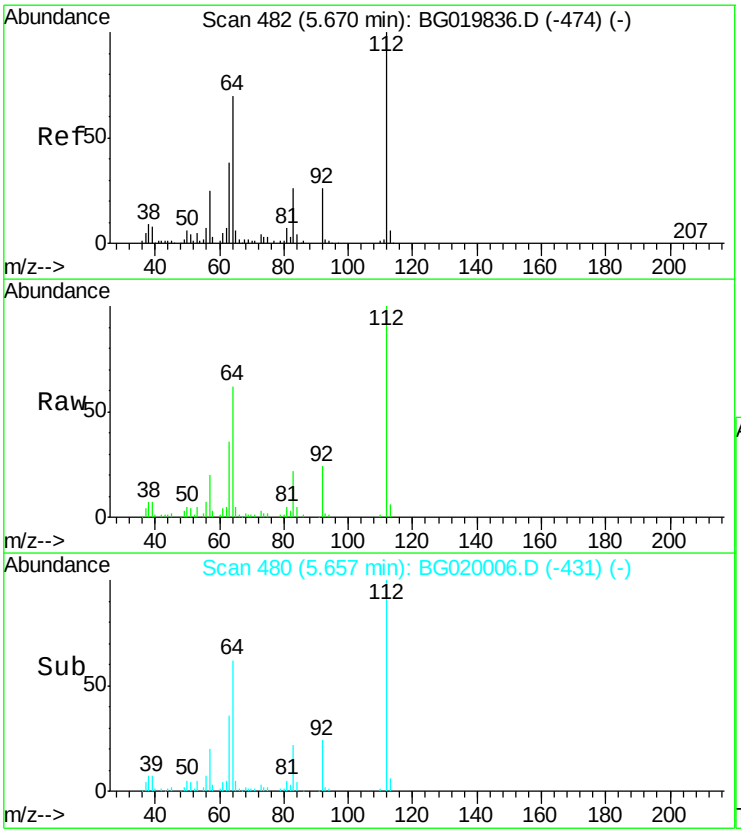
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG020006.D
Acq: 8 Dec 2015 7:13

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:152 Resp: 19269

Ion	Ratio	Lower	Upper
152	100		
150	158.9	115.0	172.4
115	59.5	43.9	65.9

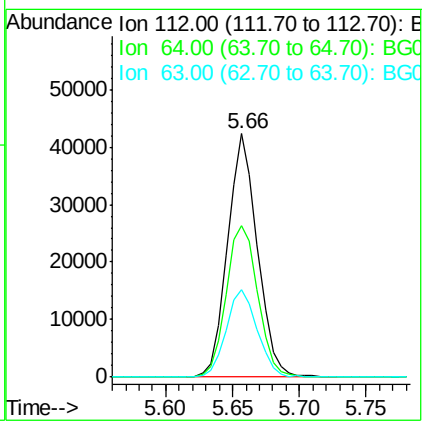


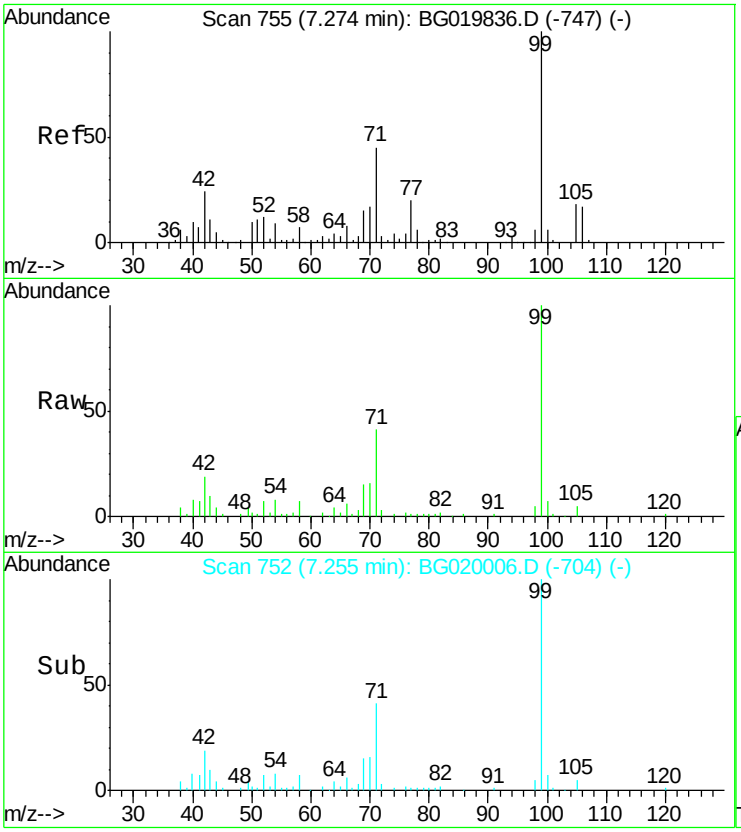


#5
2-Fluorophenol
Concen: 61.71 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020006.D
Acq: 8 Dec 2015 7:13

Tgt Ion:112 Resp: 65790

Ion	Ratio	Lower	Upper
112	100		
64	62.1	43.7	65.5
63	35.7	24.0	36.0



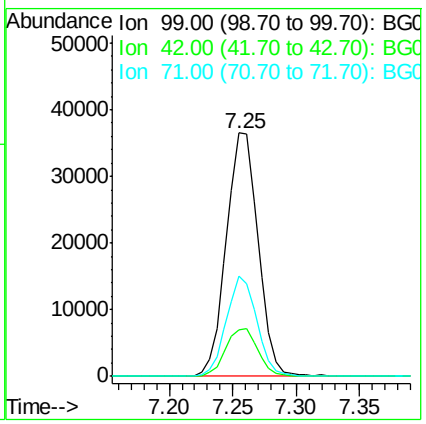


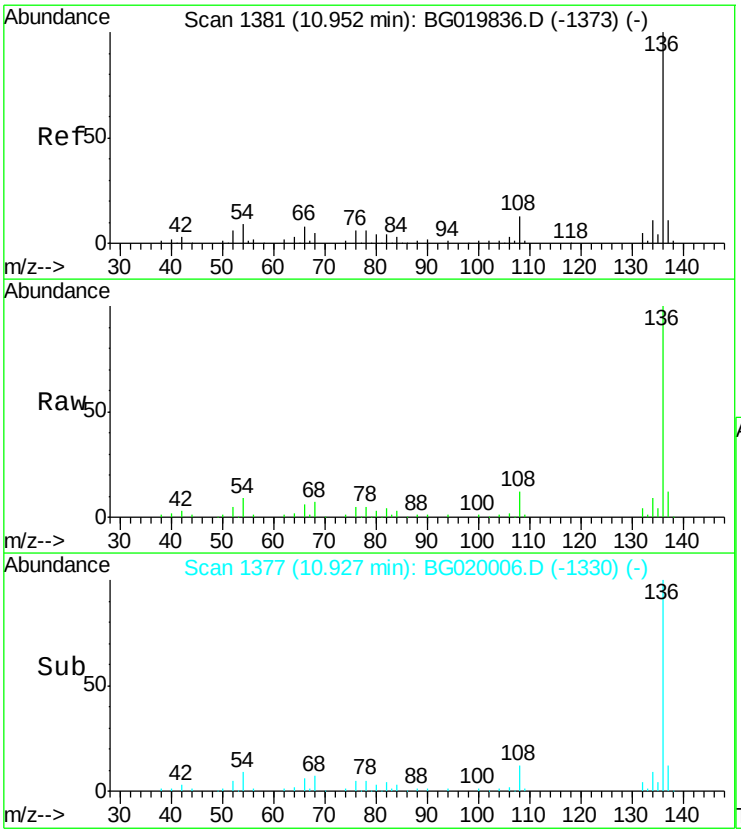
#7
Phenol-d6
Concen: 39.40 ng
RT: 7.25 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG020006.D
Acq: 8 Dec 2015 7:13

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion: 99 Resp: 63424

Ion	Ratio	Lower	Upper
99	100		
42	19.0	11.5	17.3#
71	41.3	22.6	34.0#

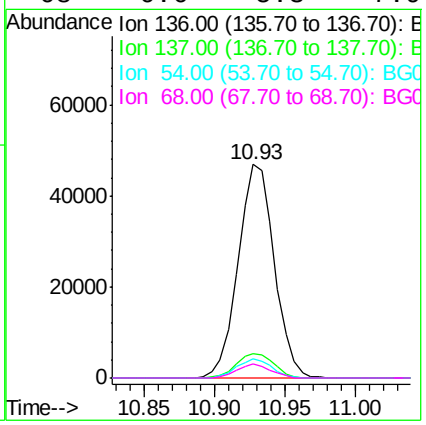


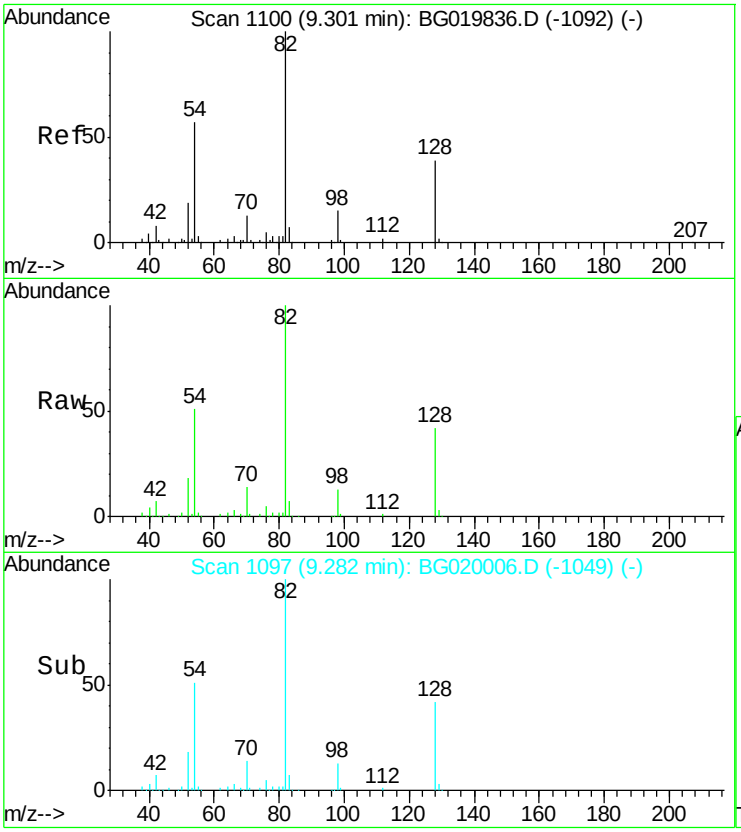


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020006.D
Acq: 8 Dec 2015 7:13

Tgt Ion:136 Resp: 83894

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	8.9	5.4	8.2#
68	6.6	5.3	7.9



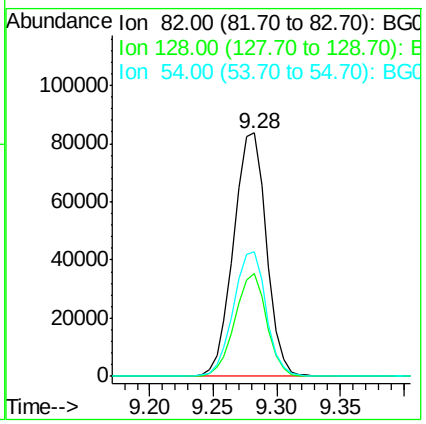


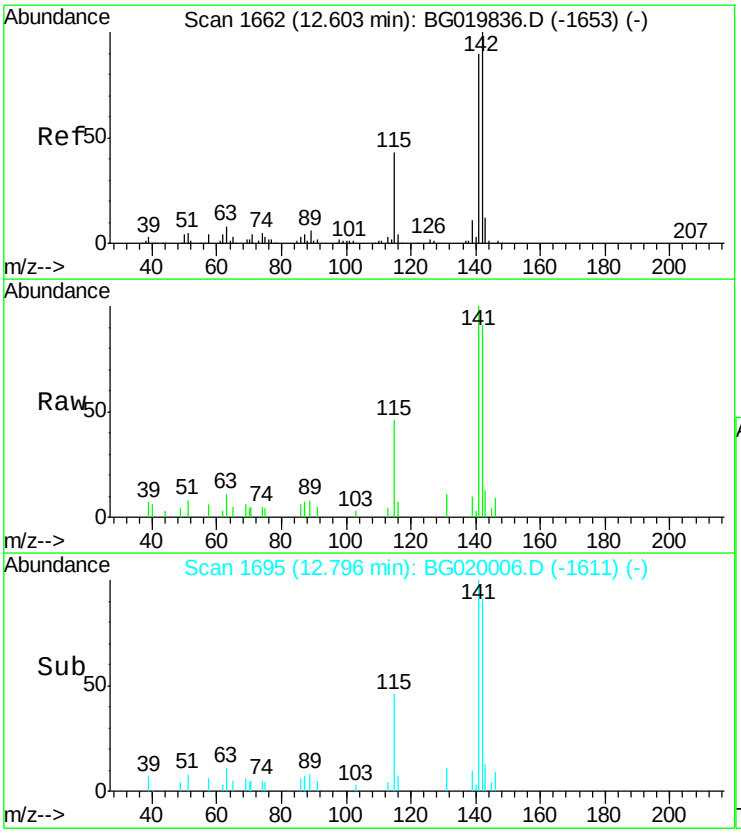
#23
Nitrobenzene-d5
Concen: 91.57 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG020006.D
Acq: 8 Dec 2015 7:13

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion: 82 Resp: 150534

Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.7	55.1
54	51.2	33.8	50.8#

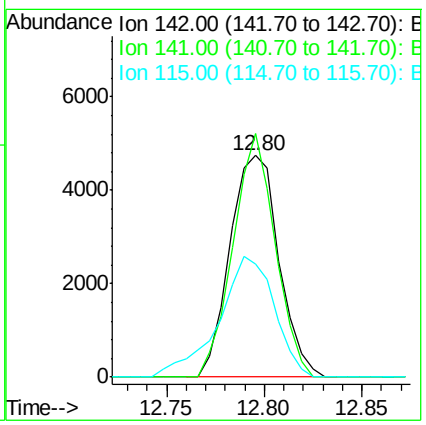


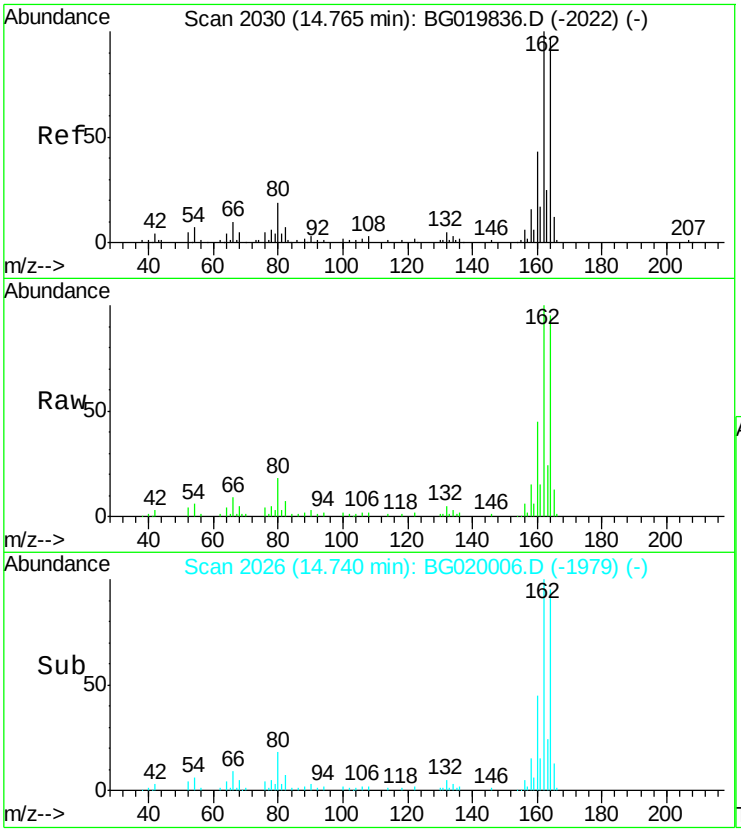


#37
2-Methylnaphthalene
Concen: 2.50 ng
RT: 12.80 min Scan# 1695
Delta R.T. 0.19 min
Lab File: BG020006.D
Acq: 8 Dec 2015 7:13

Tgt Ion:142 Resp: 8220

Ion	Ratio	Lower	Upper
142	100		
141	109.8	74.6	112.0
115	50.8	27.4	41.0#



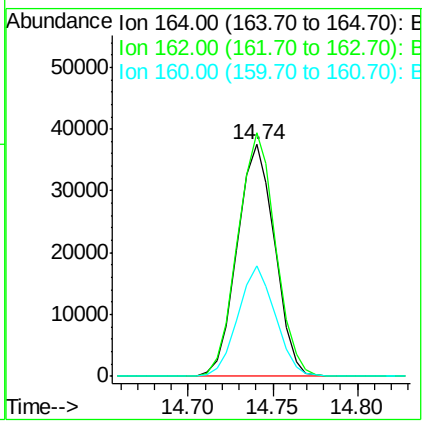


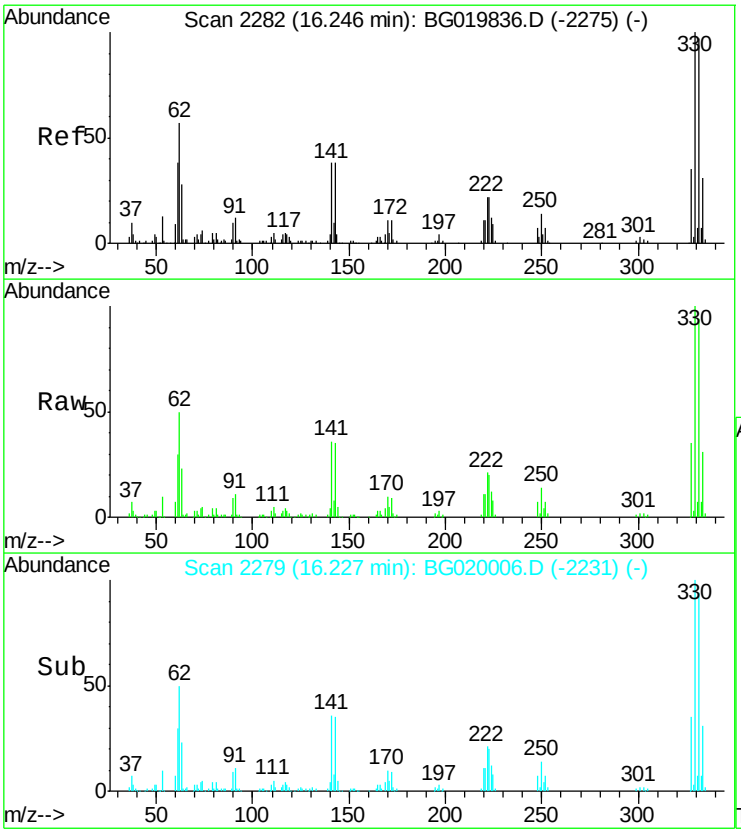
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020006.D
Acq: 8 Dec 2015 7:13

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:164 Resp: 57786

Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	47.3	36.4	54.6

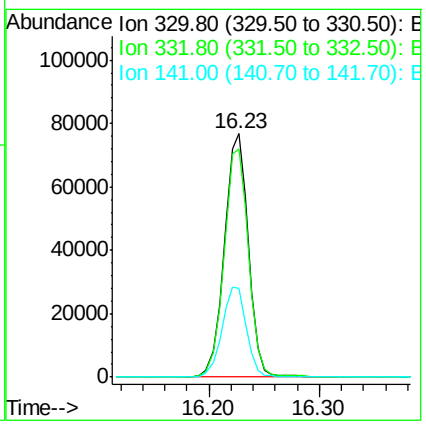


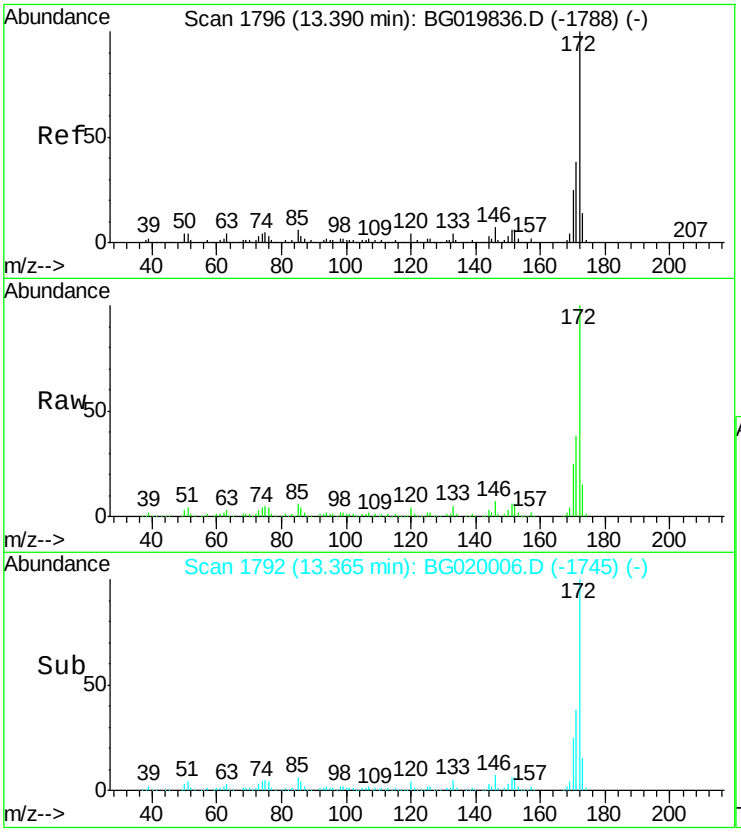


#41
2,4,6-Tribromophenol
Concen: 131.04 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG020006.D
Acq: 8 Dec 2015 7:13

Tgt Ion:330 Resp: 115859

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.1	117.1
141	37.7	28.2	42.2



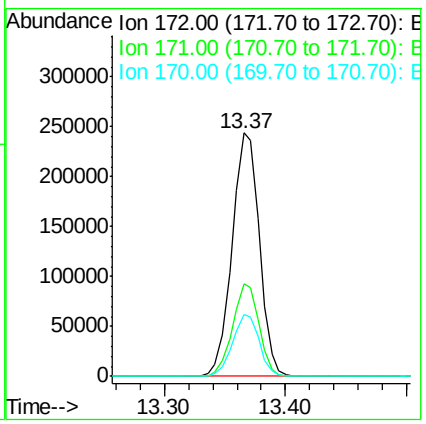


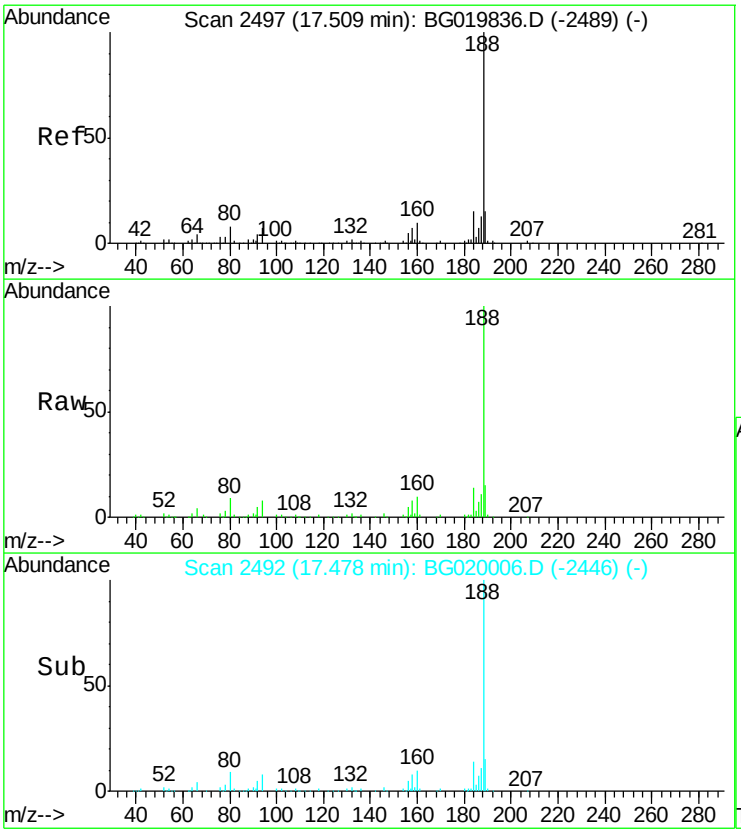
#44
2-Fluorobiphenyl
Concen: 90.41 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020006.D
Acq: 8 Dec 2015 7:13

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:172 Resp: 382629

Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.6
170	25.5	19.9	29.9

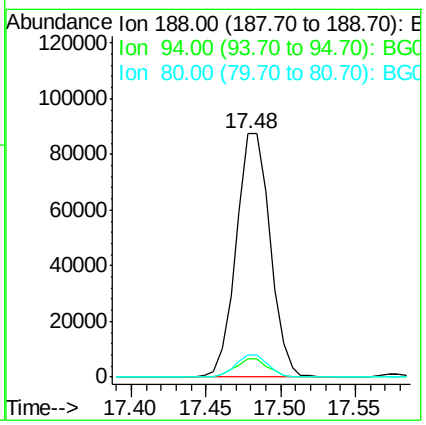


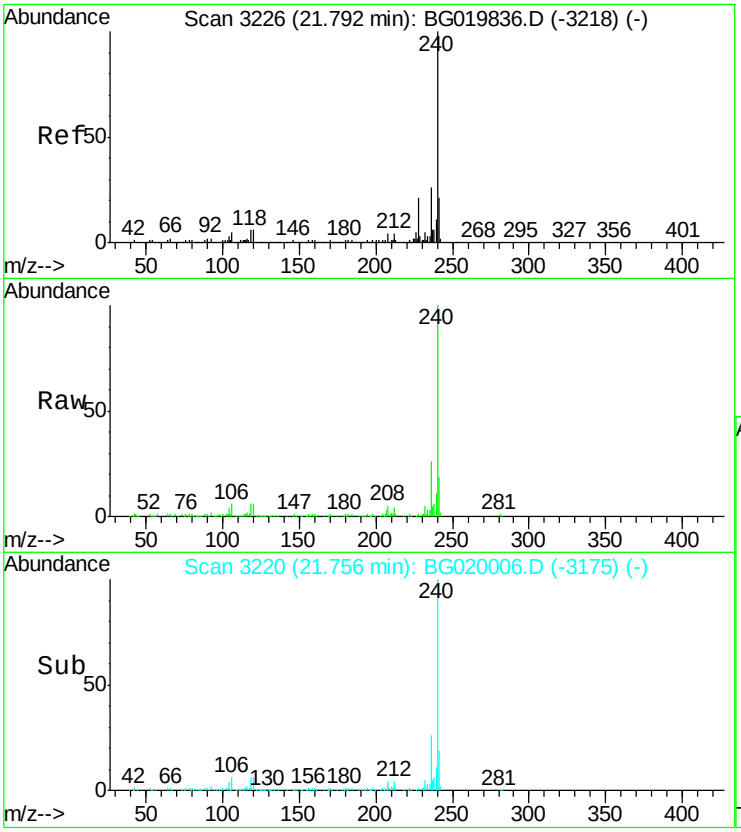


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020006.D
Acq: 8 Dec 2015 7:13

Tgt Ion:188 Resp: 138267

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.7	11.5
80	8.9	7.8	11.8



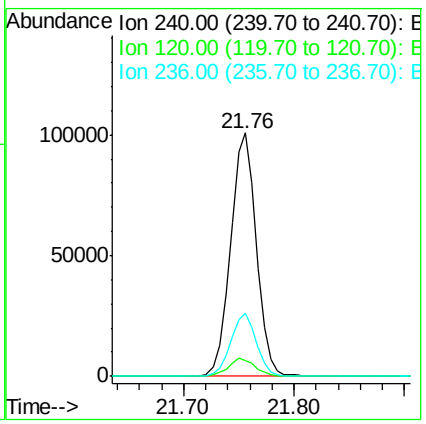


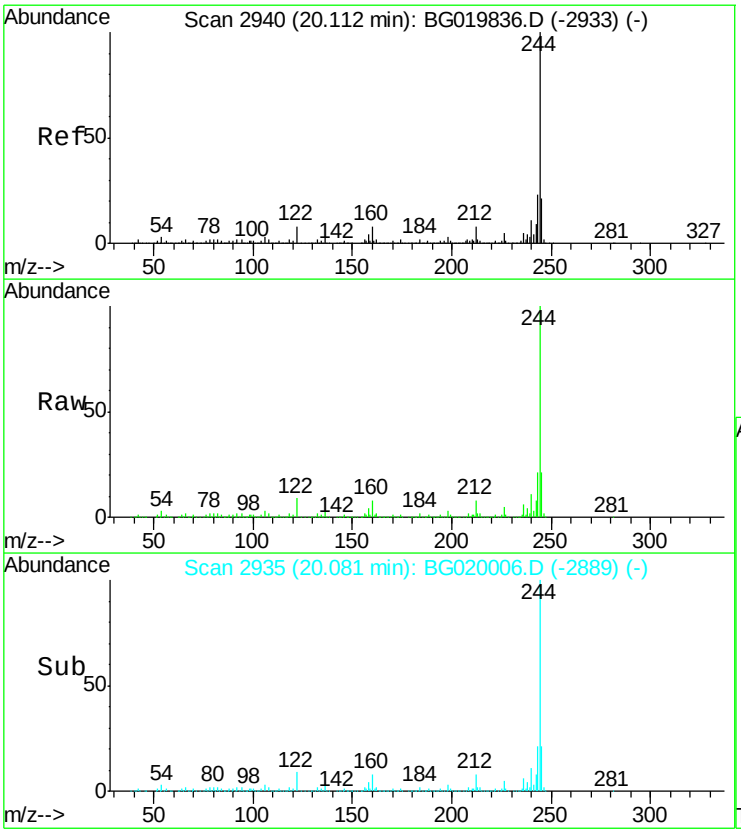
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG020006.D
Acq: 8 Dec 2015 7:13

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:240 Resp: 164904

Ion	Ratio	Lower	Upper
240	100		
120	6.5	7.4	11.0#
236	25.8	20.7	31.1

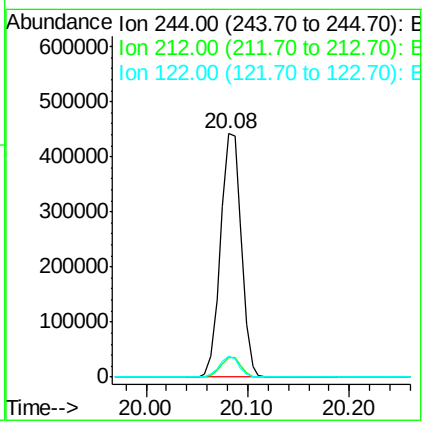


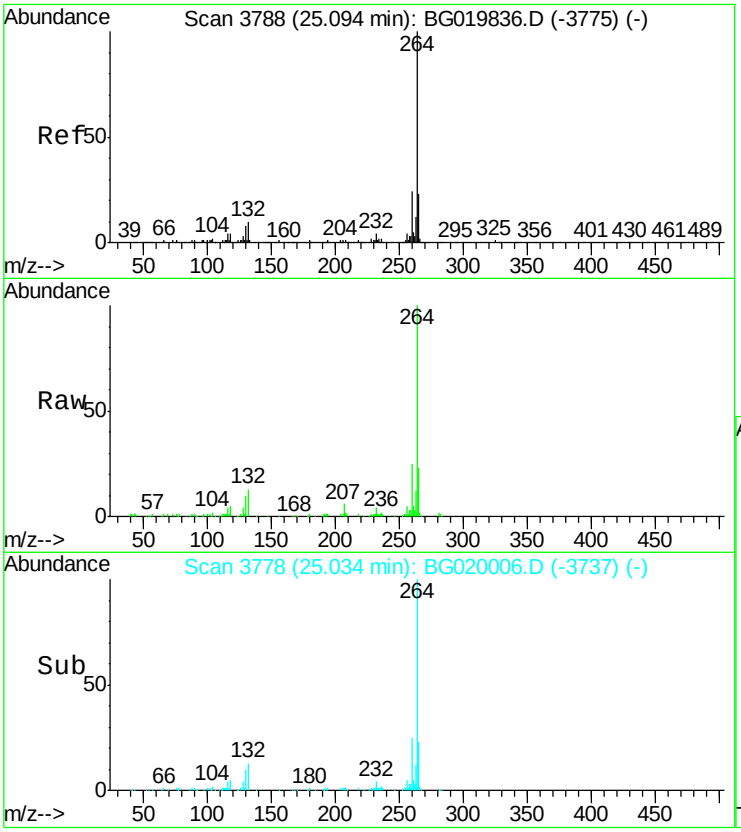


#78
Terphenyl-d14
Concen: 92.83 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020006.D
Acq: 8 Dec 2015 7:13

Tgt Ion:244 Resp: 627598

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	8.5	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG020006.D
Acq: 8 Dec 2015 7:13

Instrument :
BNA_G
ClientSampleId :
MW-8

Tgt Ion:264 Resp: 151908

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.5	27.7
265	22.8	17.2	25.8