Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019998.D
Acq On : 8 Dec 2015 2:03
Operator : UM/NP
Sample : G4676-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-16

Quant Time: Dec 08 05:00:32 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	17462	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	74545	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	52885	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	134068	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	163331	20.00	ng	-0.04
86) Perylene-d12	25.04	264	151268	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	12831	13.28	ng	-0.01
7) Phenol-d6	7.26	99	15933	10.92	ng	-0.02
23) Nitrobenzene-d5	9.28	82	91740	62.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	25814	31.90	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	227639	58.77	ng	-0.02
78) Terphenyl-d14	20.08	244	437905	65.40	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	10.99	128	1572260	393.71	ng	# 94
37) 2-Methylnaphthalene	12.58	142	84099	28.74	ng	97
45) 1,1'-Biphenyl	13.58	154	14585	3.36	ng	99
48) Acenaphthylene	14.47	152	64232	11.27	ng	97
70) Phenanthrene	17.52	178	23210	3.06	ng	97

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

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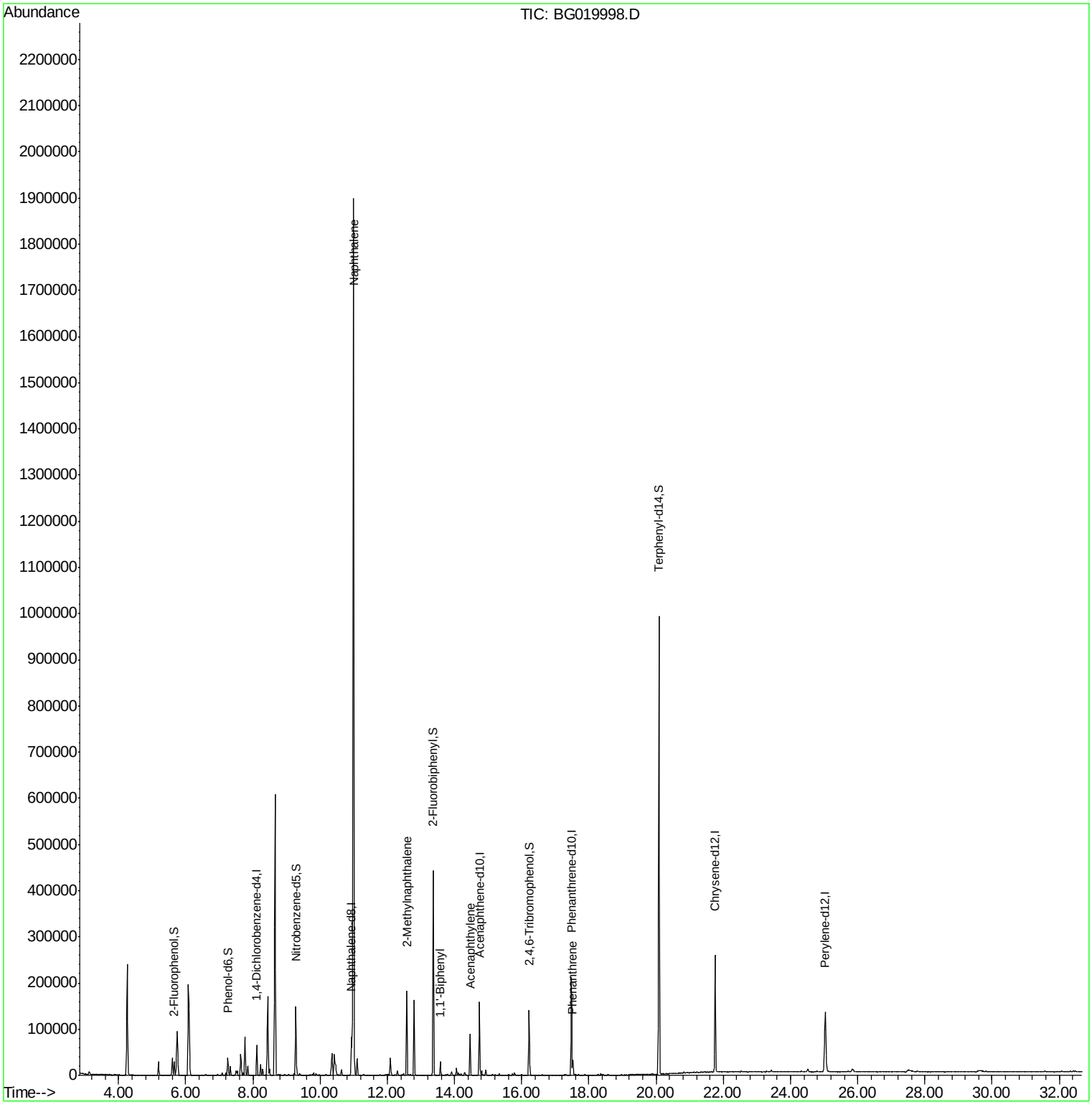
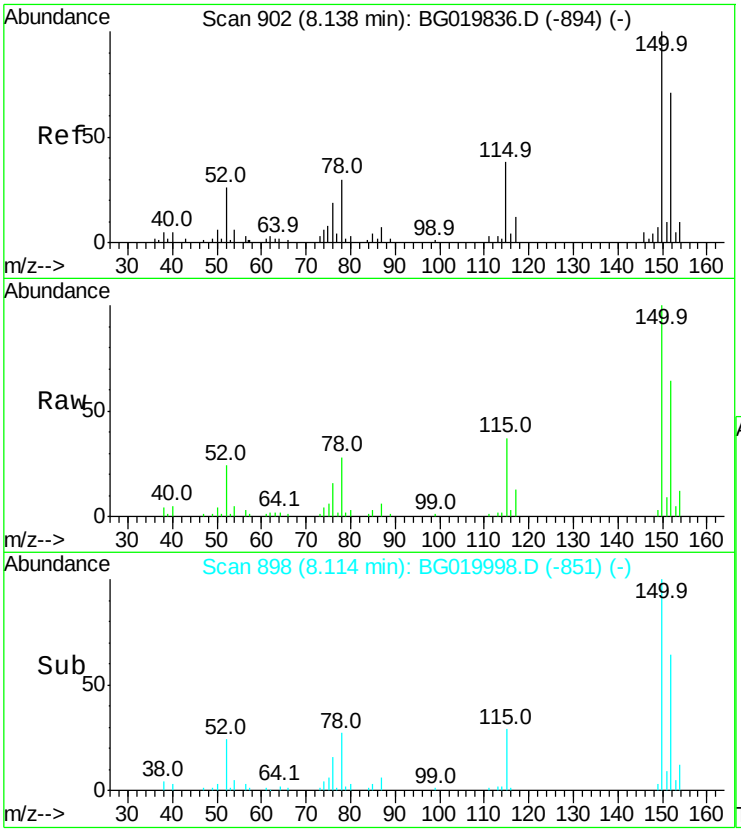


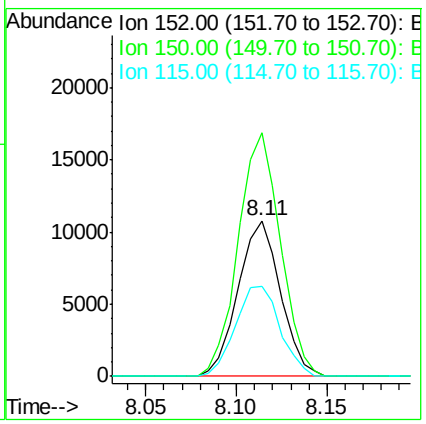


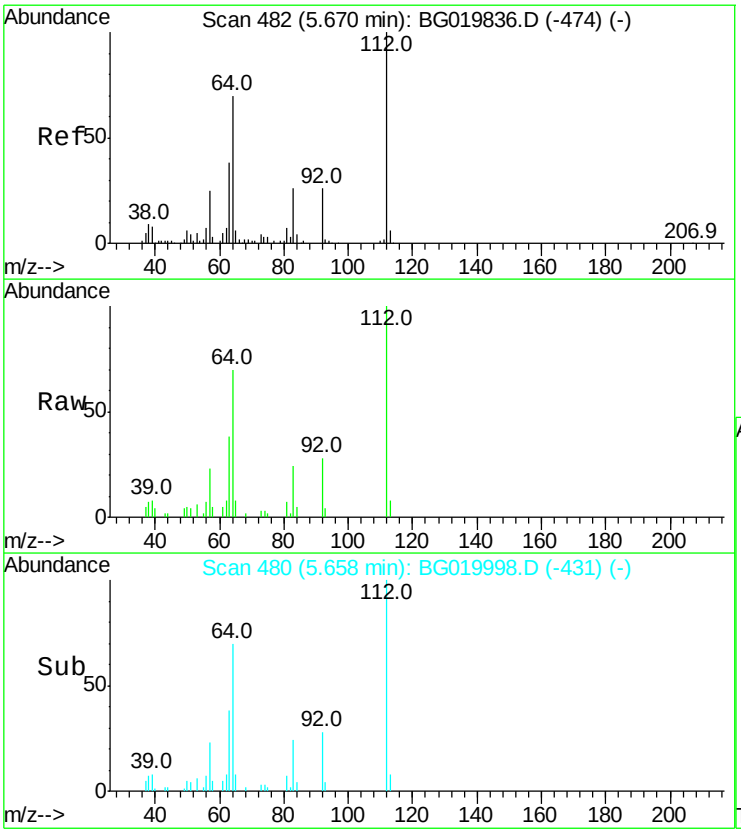
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:152 Resp: 17462

Ion	Ratio	Lower	Upper
152	100		
150	156.4	115.0	172.4
115	57.5	43.9	65.9

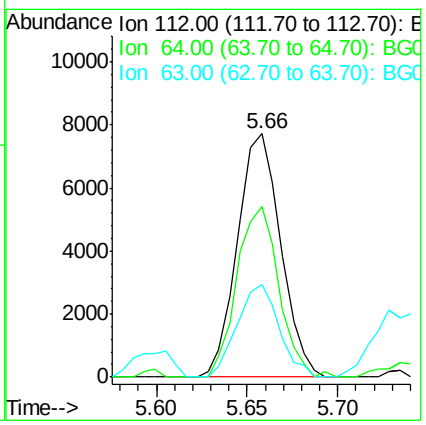


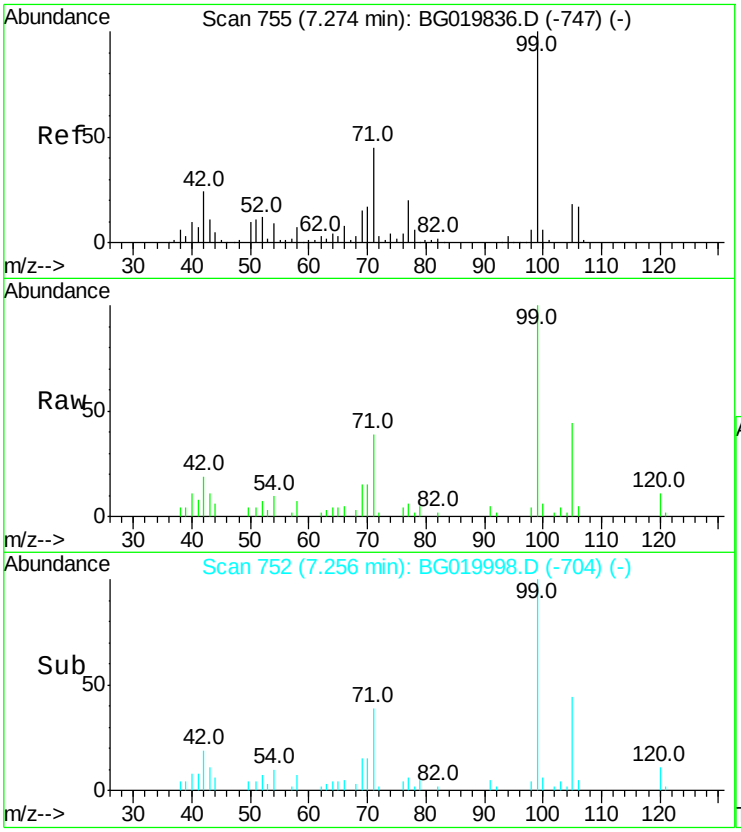


#5
2-Fluorophenol
Concen: 13.28 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Tgt Ion:112 Resp: 12831

Ion	Ratio	Lower	Upper
112	100		
64	70.4	43.7	65.5#
63	37.8	24.0	36.0#



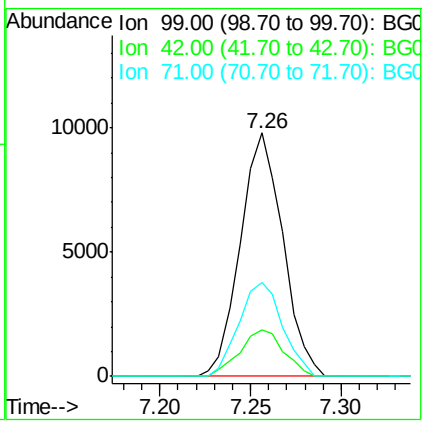


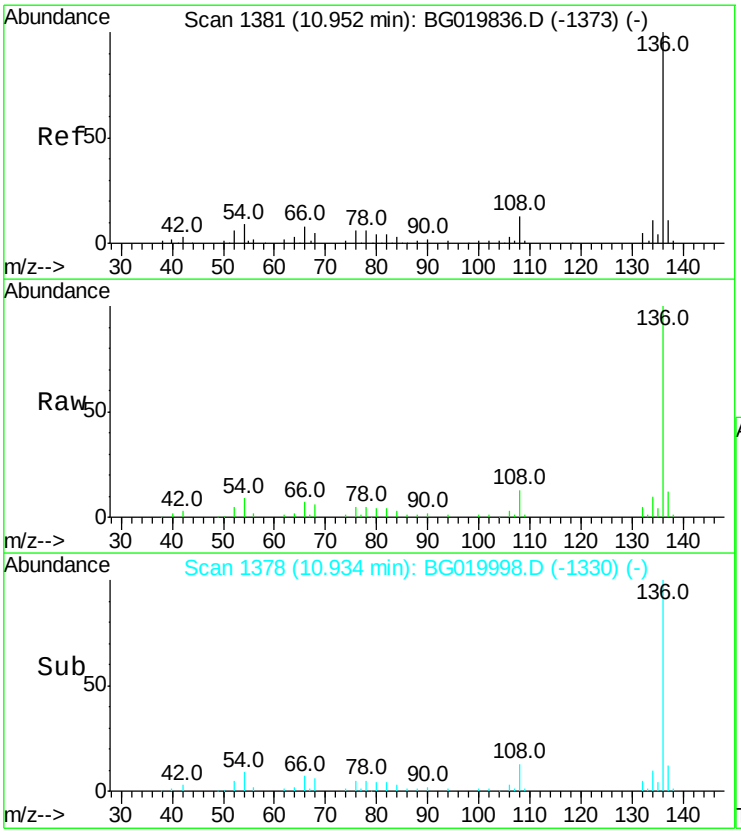
#7
Phenol-d6
Concen: 10.92 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion: 99 Resp: 15933

Ion	Ratio	Lower	Upper
99	100		
42	18.9	11.5	17.3#
71	38.6	22.6	34.0#

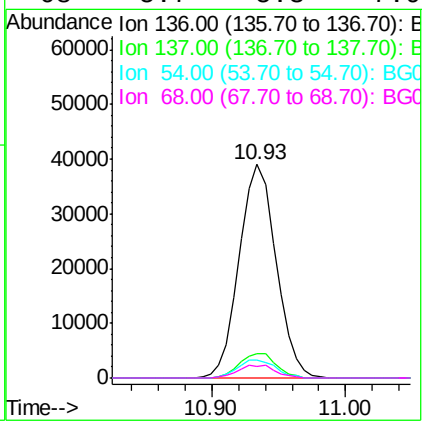


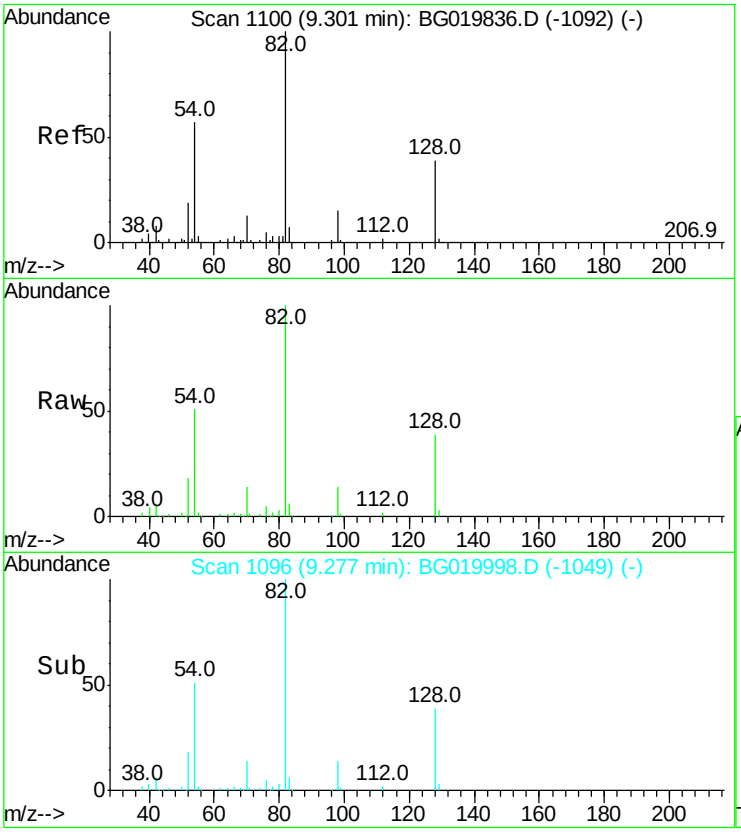


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Tgt Ion:136 Resp: 74545

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	8.7	5.4	8.2#
68	5.7	5.3	7.9



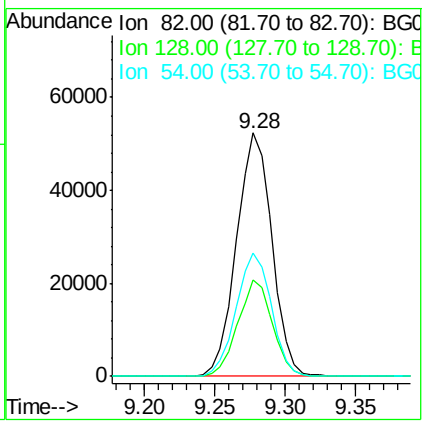


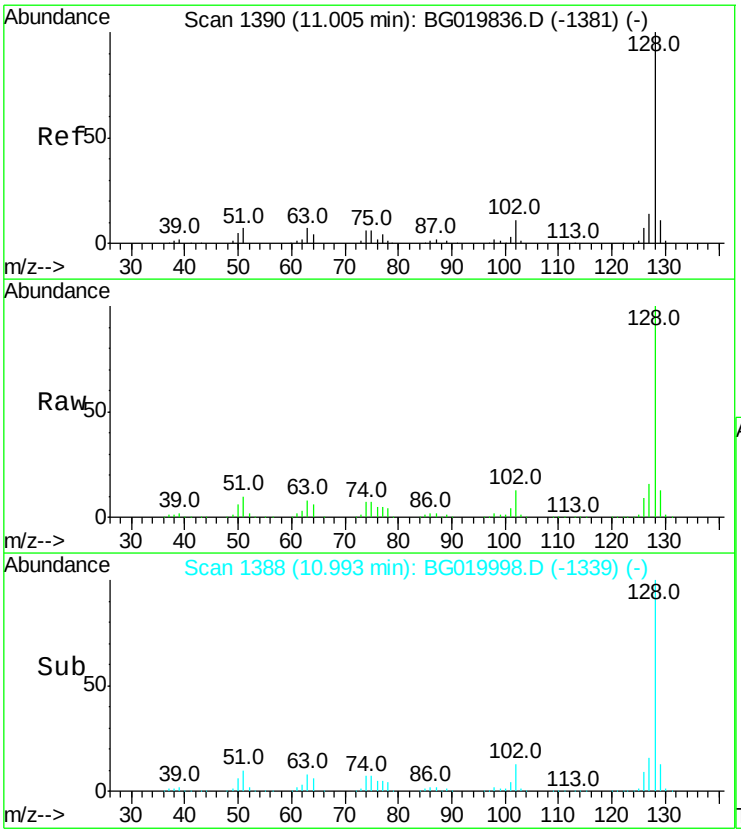
#23
Nitrobenzene-d5
Concen: 62.81 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion: 82 Resp: 91740

Ion	Ratio	Lower	Upper
82	100		
128	39.4	36.7	55.1
54	50.5	33.8	50.8

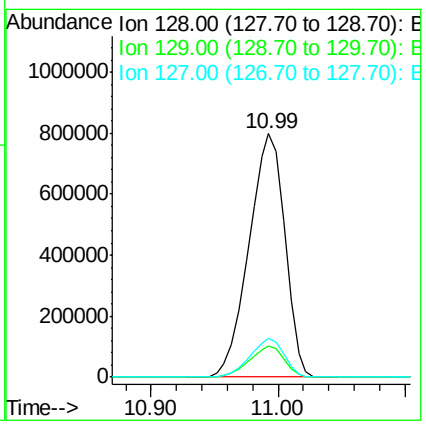


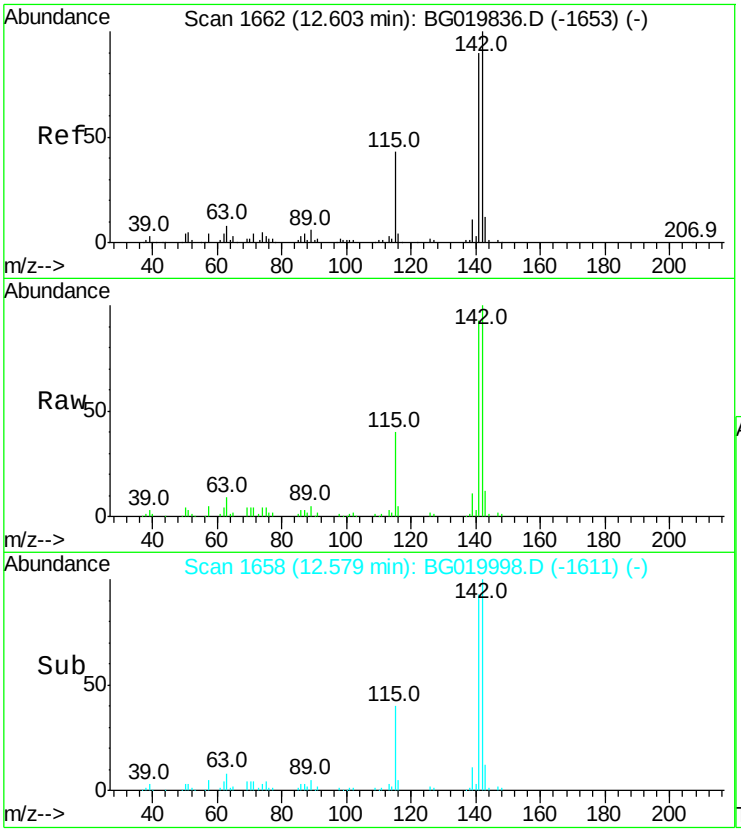


#31
Naphthalene
Concen: 393.71 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Tgt Ion:128 Resp: 1572260

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.5	12.7#
127	15.7	10.6	16.0



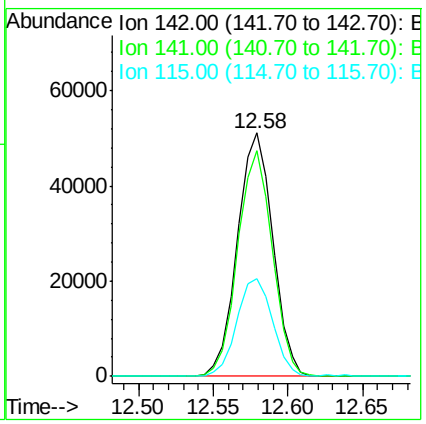


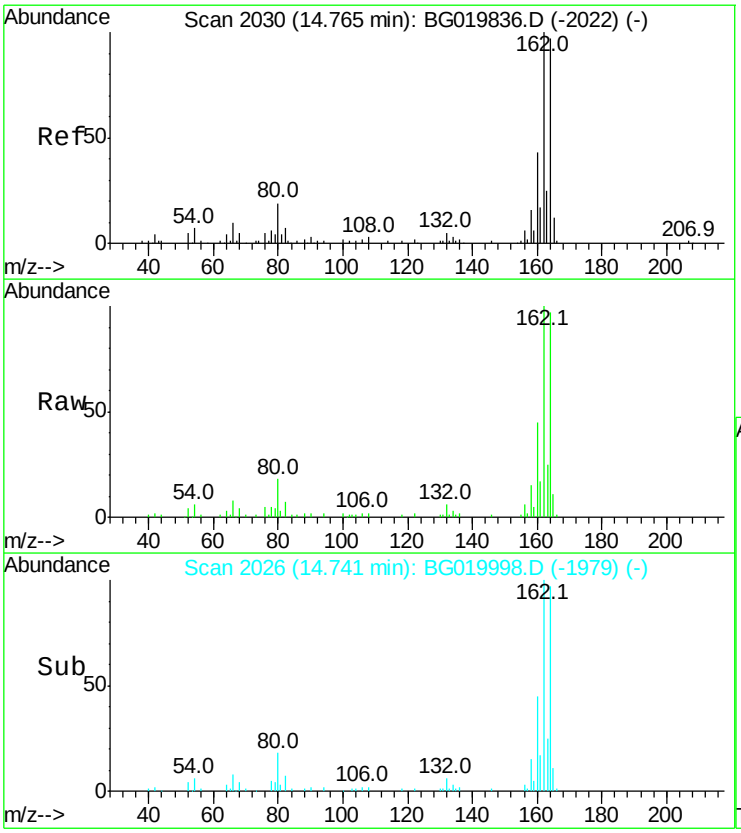
#37
2-Methylnaphthalene
Concen: 28.74 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:142 Resp: 84099

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.6	112.0
115	40.1	27.4	41.0

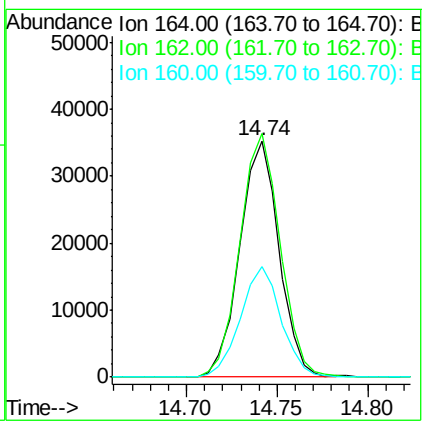


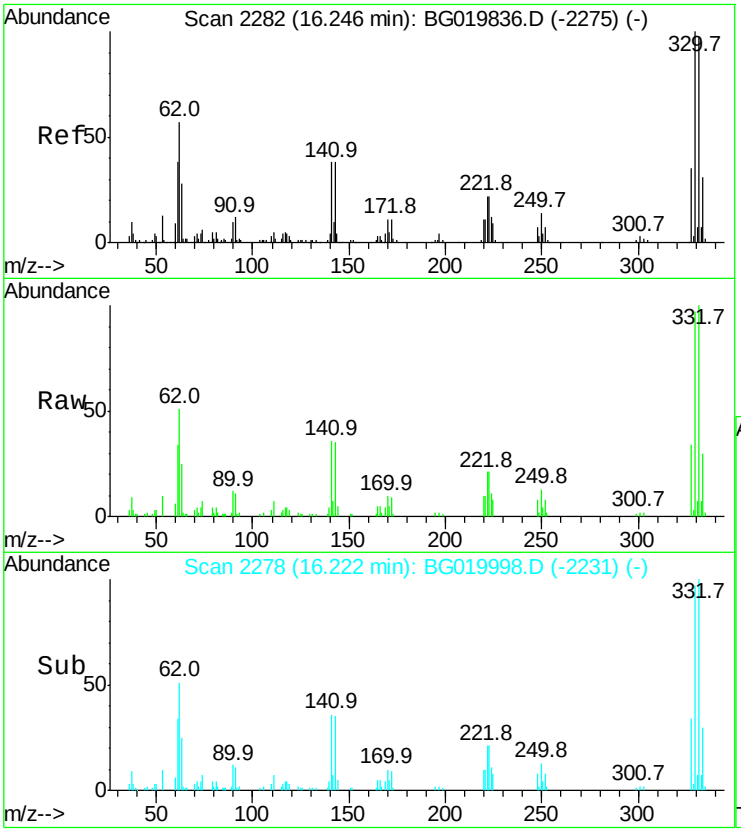


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Tgt Ion:164 Resp: 52885

Ion	Ratio	Lower	Upper
164	100		
162	103.2	78.8	118.2
160	46.6	36.4	54.6



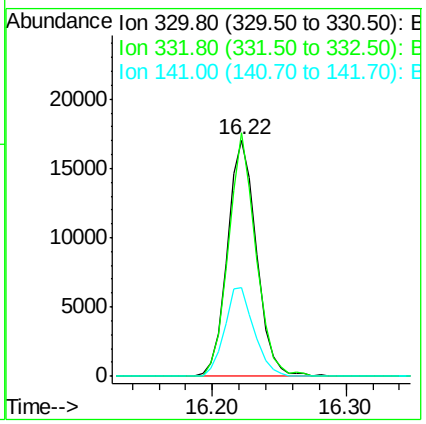


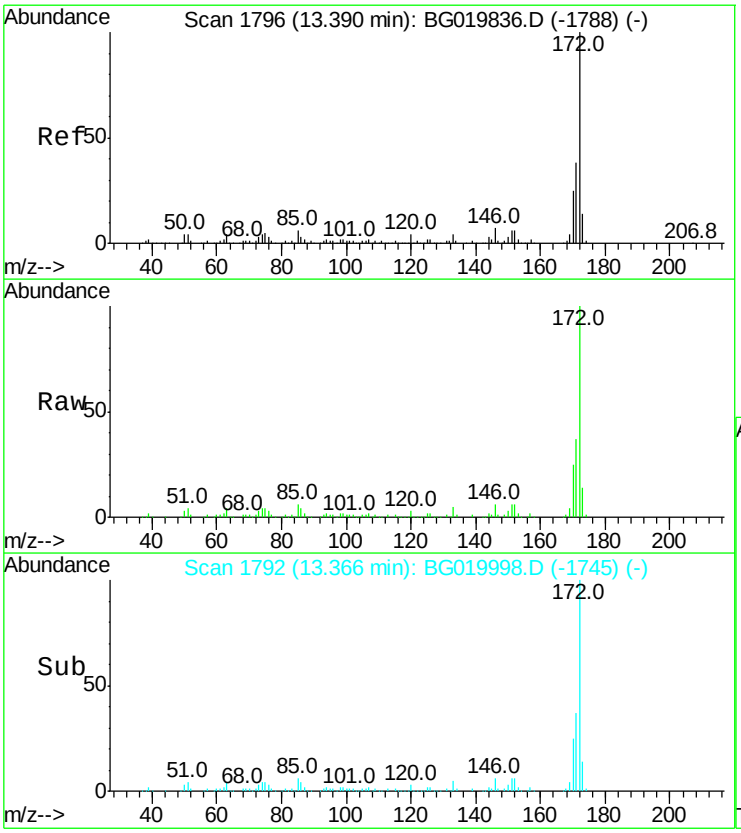
#41
2,4,6-Tribromophenol
Concen: 31.90 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:330 Resp: 25814

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.1	117.1
141	38.0	28.2	42.2

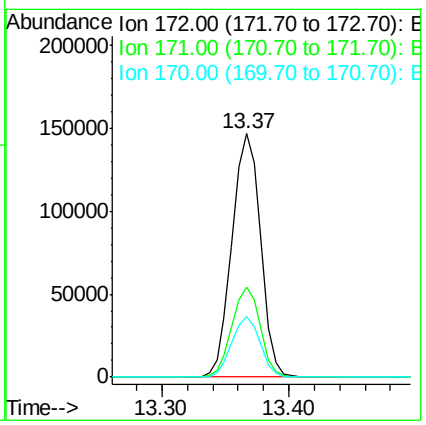


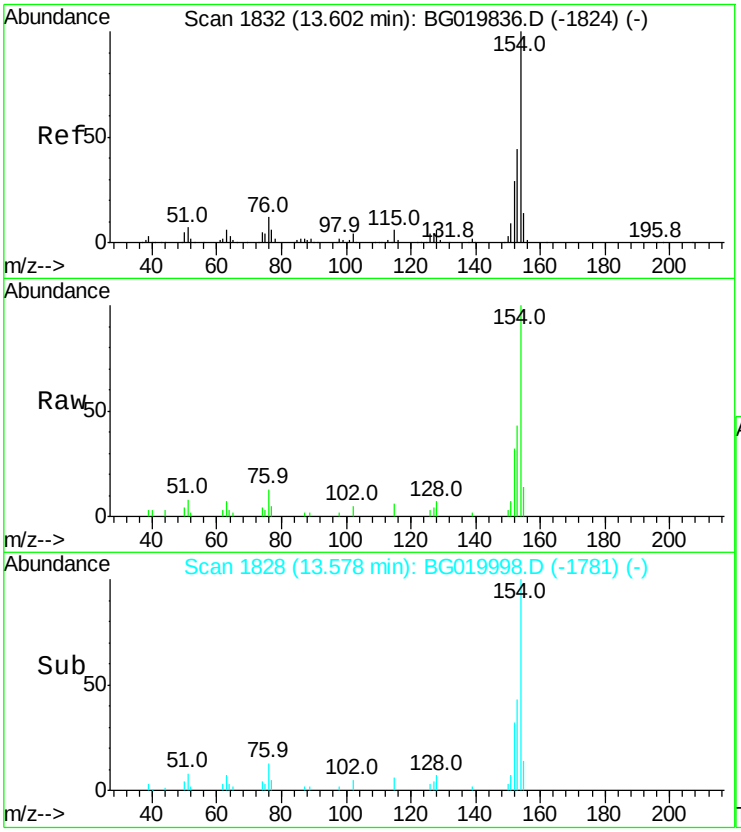


#44
2-Fluorobiphenyl
Concen: 58.77 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Tgt Ion:172 Resp: 227639

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.0	43.6
170	24.7	19.9	29.9



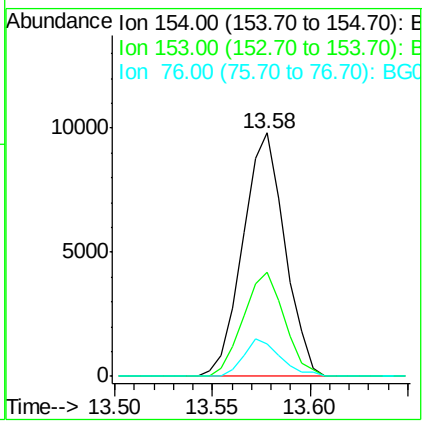


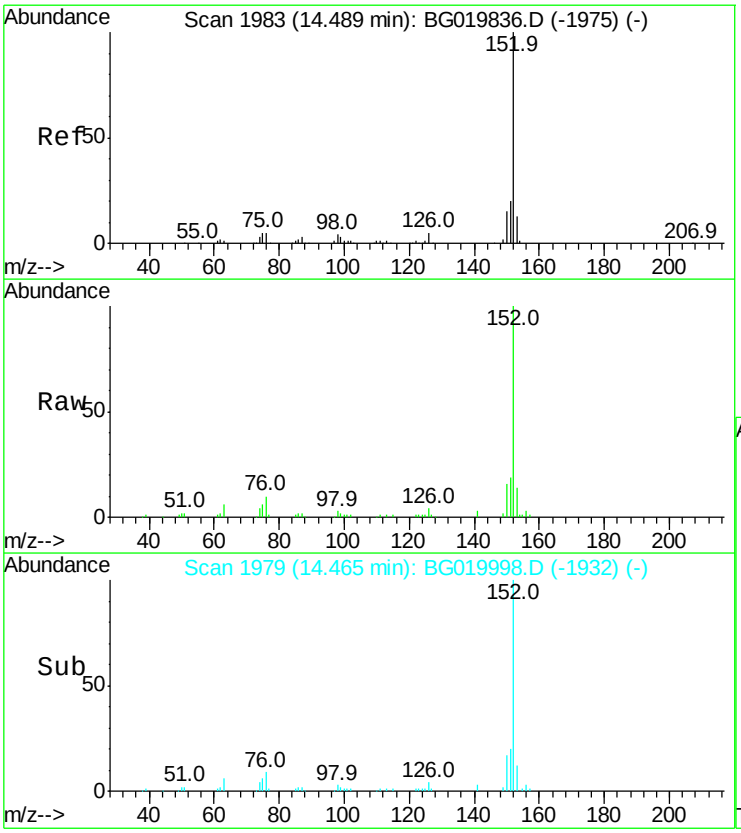
#45
1,1'-Biphenyl
Concen: 3.36 ng
RT: 13.58 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:154 Resp: 14585

Ion	Ratio	Lower	Upper
154	100		
153	43.0	21.9	61.9
76	13.5	0.0	33.2

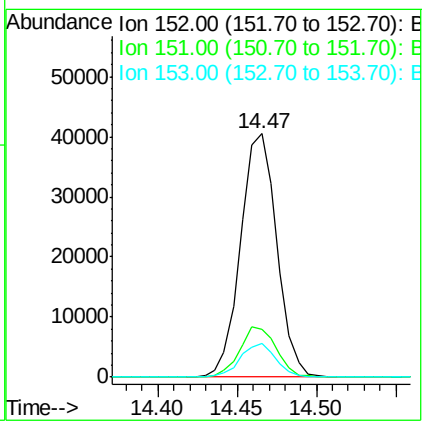


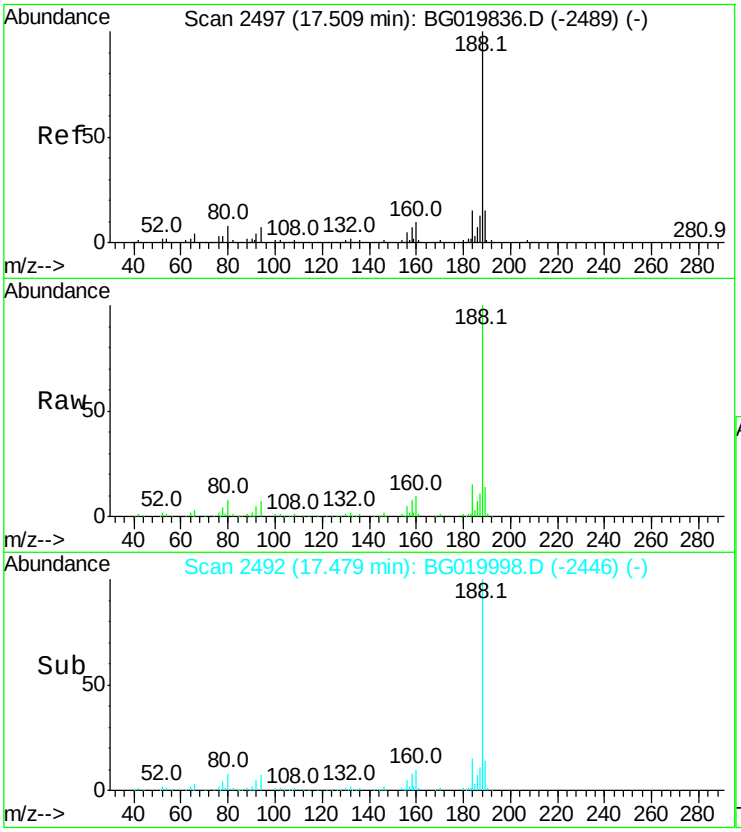


#48
Acenaphthylene
Concen: 11.27 ng
RT: 14.47 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Tgt Ion:152 Resp: 64232

Ion	Ratio	Lower	Upper
152	100		
151	19.5	17.0	25.4
153	13.7	10.4	15.6



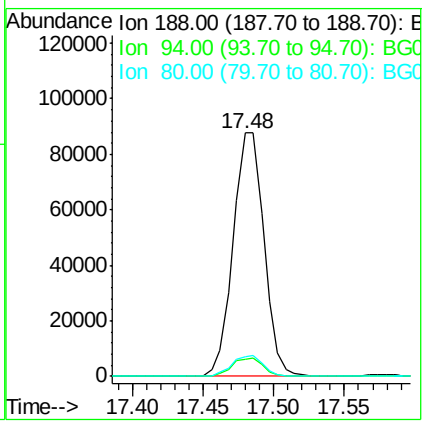


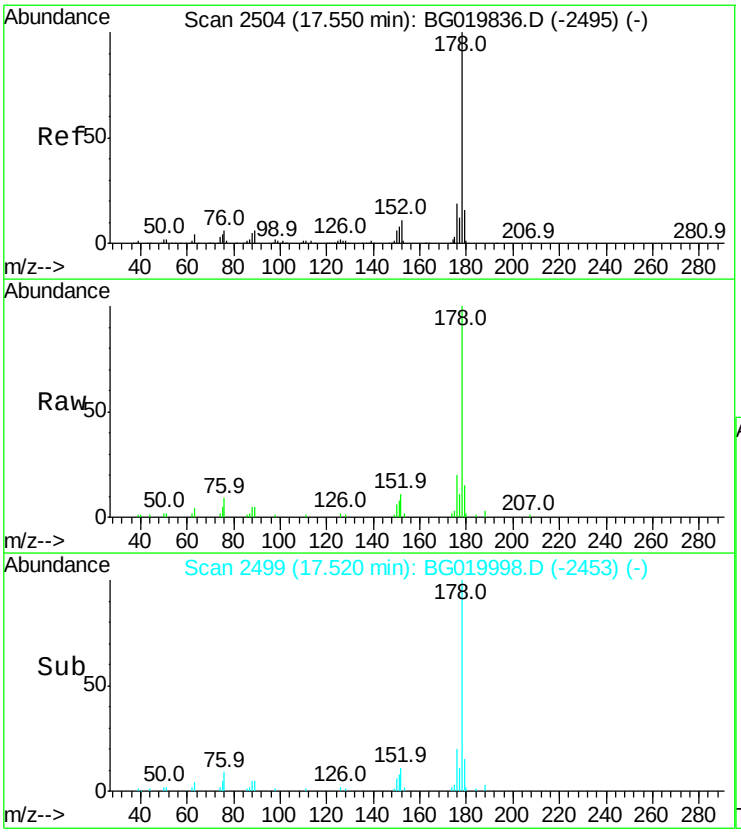
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:188 Resp: 134068

Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.7	11.5#
80	8.1	7.8	11.8

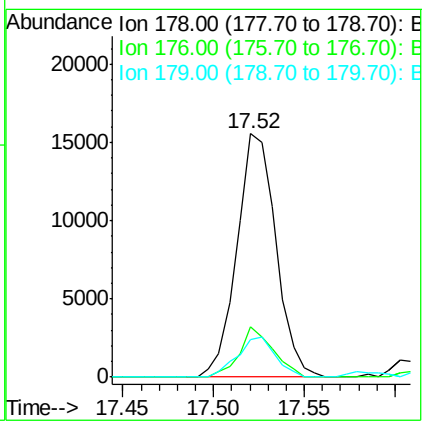


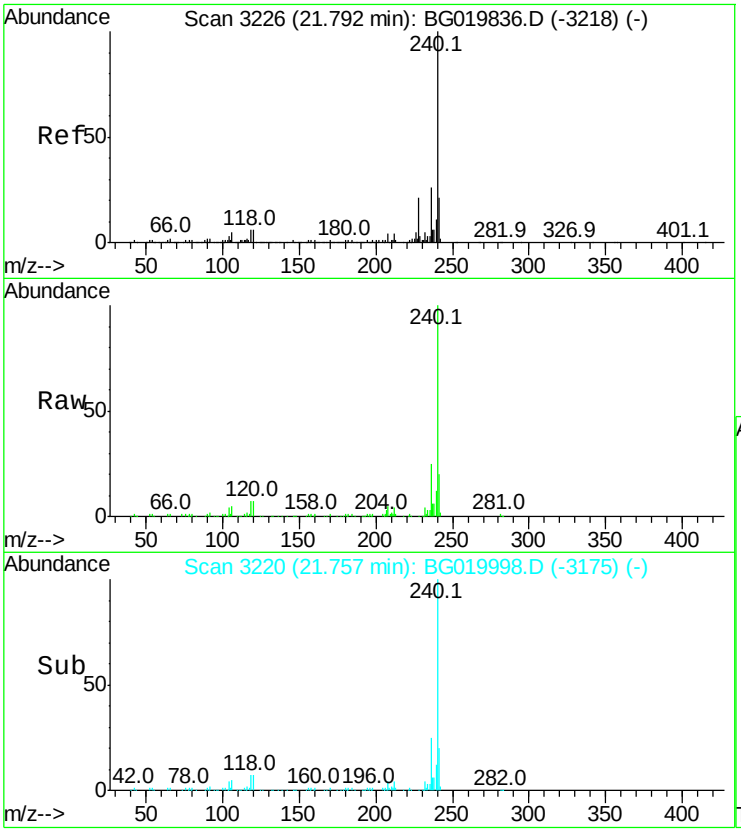


#70
Phenanthrene
Concen: 3.06 ng
RT: 17.52 min Scan# 2499
Delta R.T. -0.03 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Tgt Ion:178 Resp: 23210

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.7	25.1
179	15.3	13.9	20.9



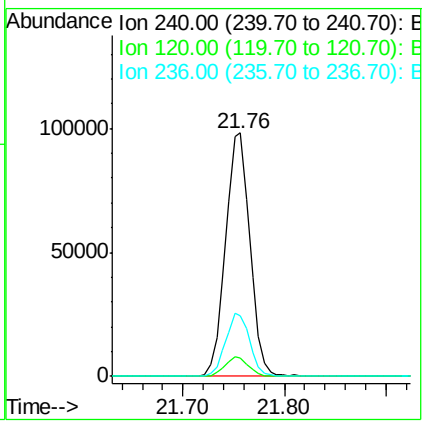


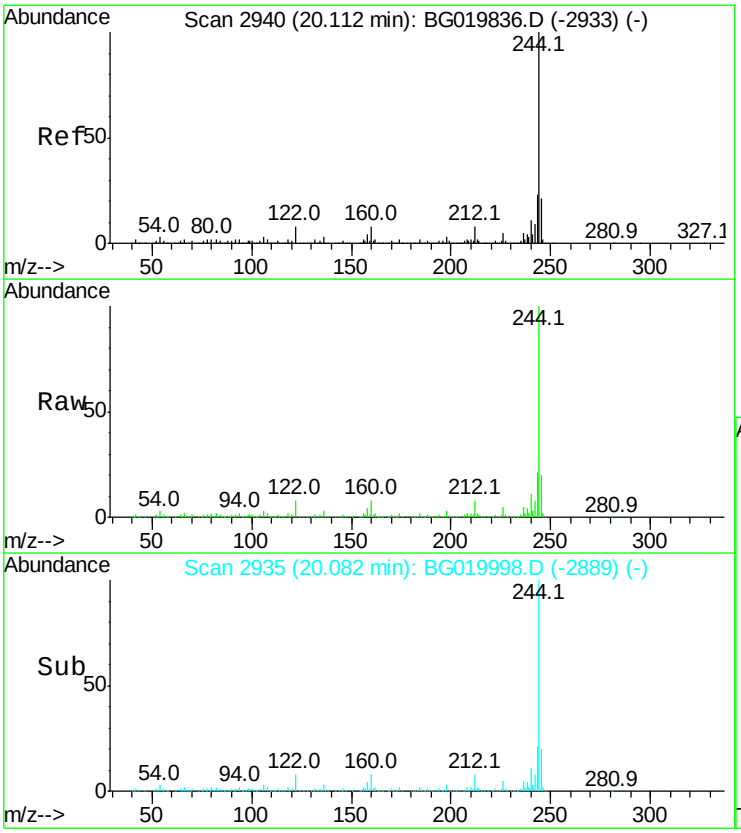
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:240 Resp: 163331

Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.4	11.0
236	24.9	20.7	31.1

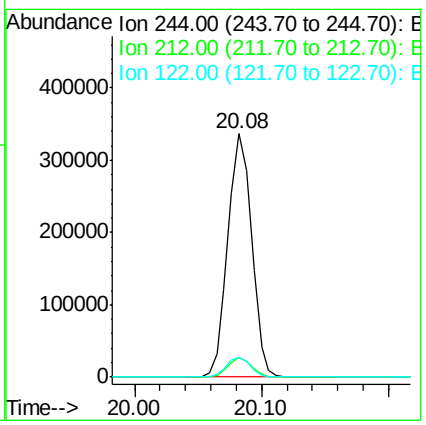


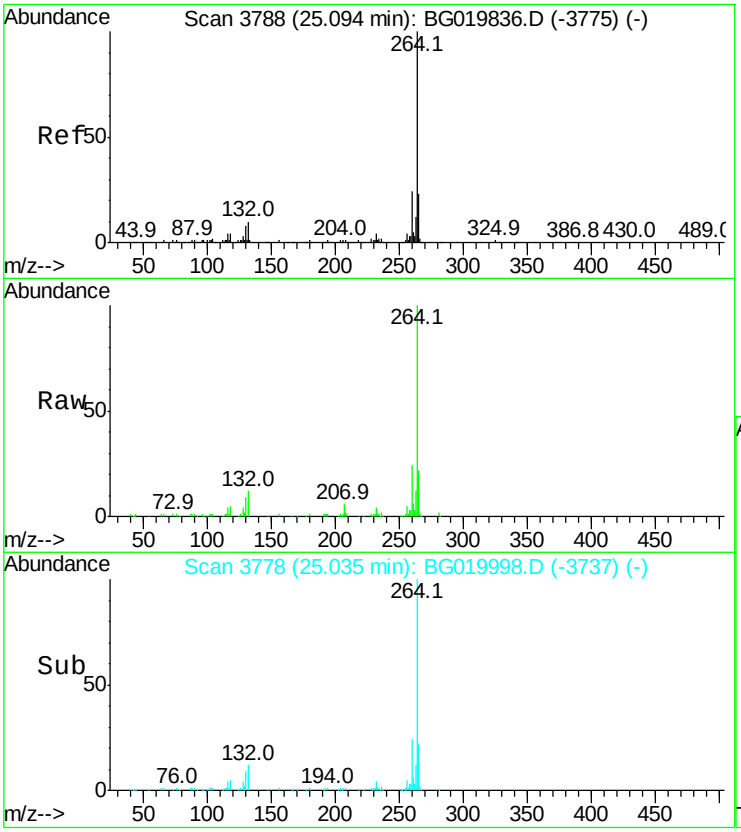


#78
Terphenyl-d14
Concen: 65.40 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Tgt Ion:244 Resp: 437905

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	8.1	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG019998.D
Acq: 8 Dec 2015 2:03

Instrument :
BNA_G
ClientSampleId :
MW-16

Tgt Ion:264 Resp: 151268

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.0	17.2	25.8