Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019997.D
Acq On : 8 Dec 2015 1:25
Operator : UM/NP
Sample : G4676-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-17

Quant Time: Dec 08 04:45:30 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	17181	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	75999	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	53212	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	134657	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	162401	20.00	ng	-0.04
86) Perylene-d12	25.04	264	155348	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	58638	61.68	ng	-0.01
7) Phenol-d6	7.26	99	51900	36.16	ng	-0.02
23) Nitrobenzene-d5	9.28	82	137359	92.24	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	103400	127.00	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	333253	85.51	ng	-0.02
78) Terphenyl-d14	20.08	244	587279	88.21	ng	-0.03
Target Compounds						Qvalue

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

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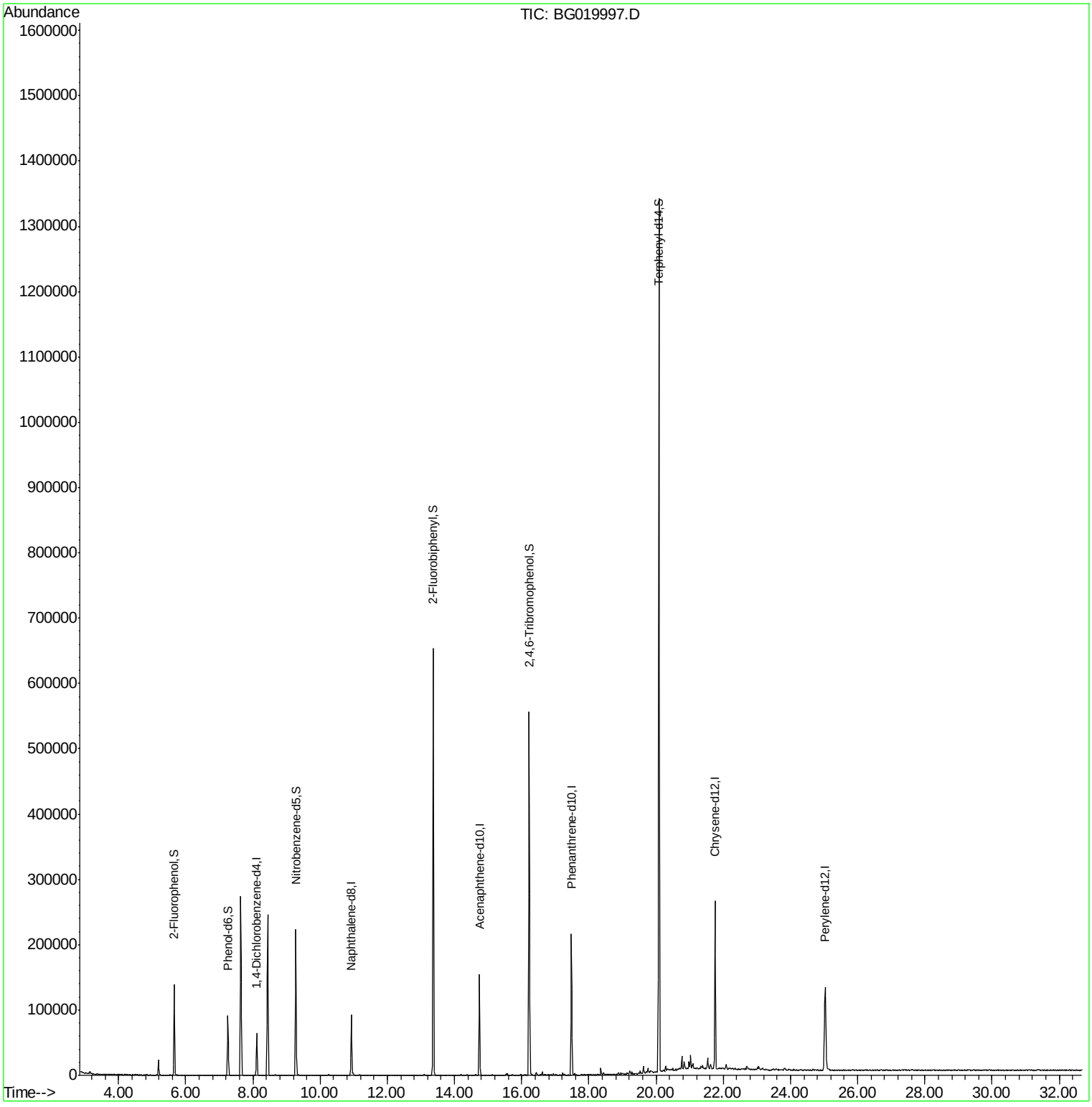
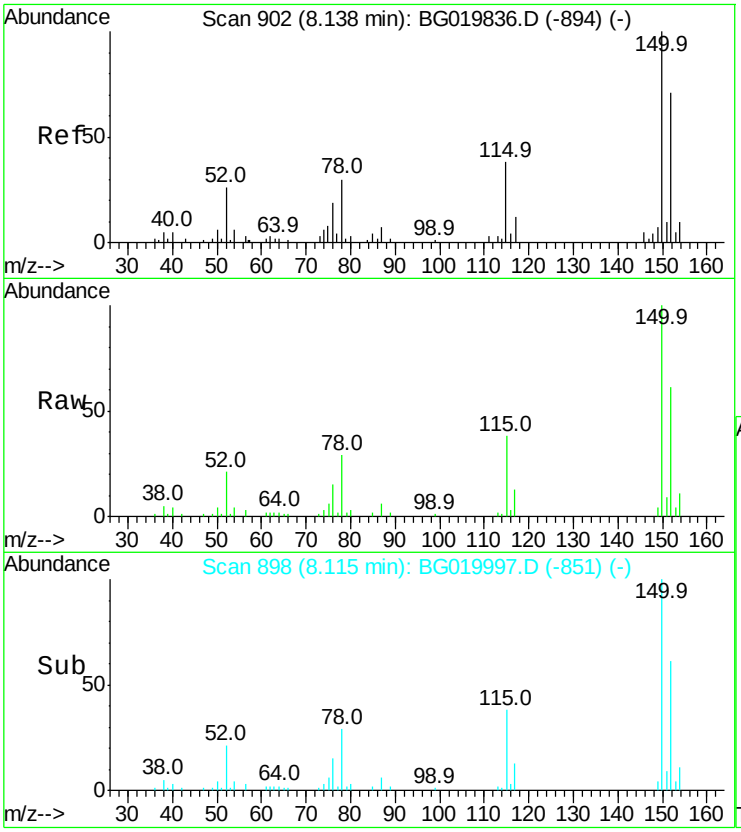


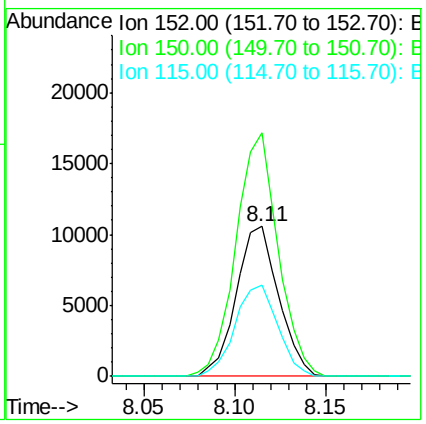


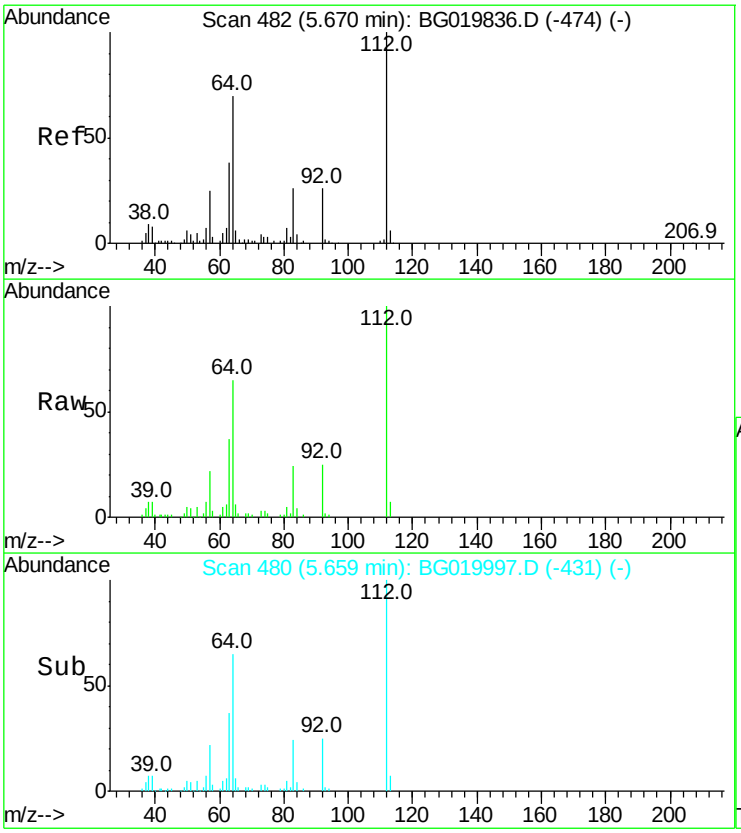
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion:152 Resp: 17181

Ion	Ratio	Lower	Upper
152	100		
150	162.6	115.0	172.4
115	61.1	43.9	65.9

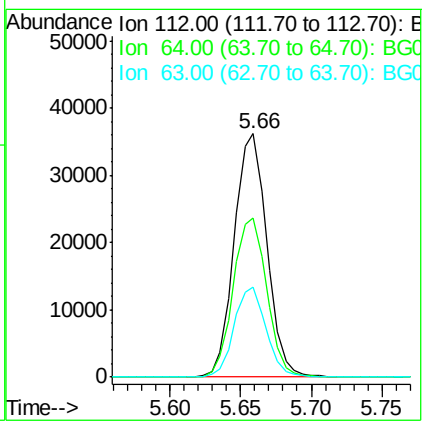


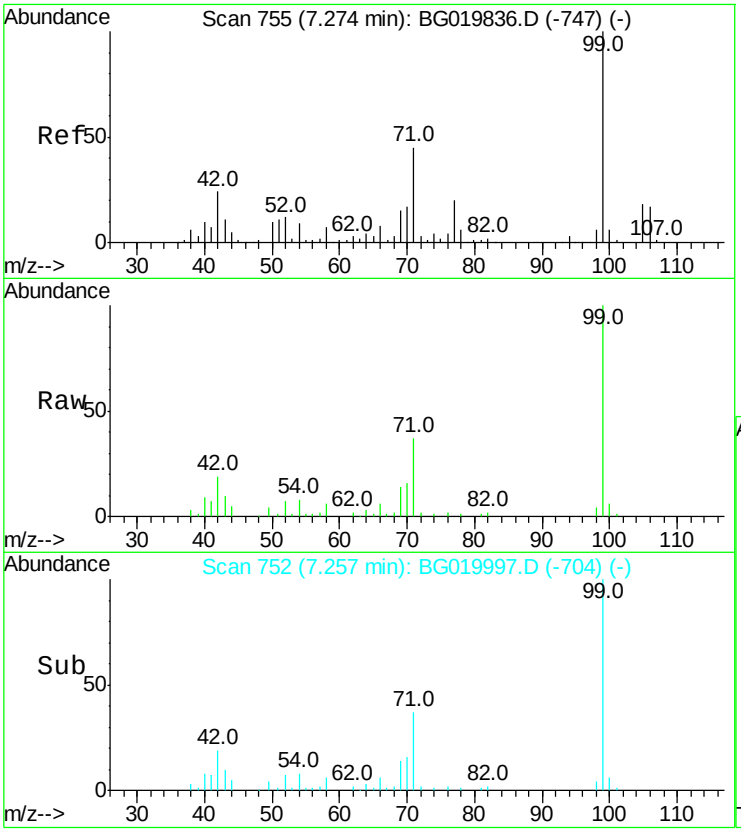


#5
2-Fluorophenol
Concen: 61.68 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Tgt Ion:112 Resp: 58638

Ion	Ratio	Lower	Upper
112	100		
64	65.3	43.7	65.5
63	37.0	24.0	36.0#



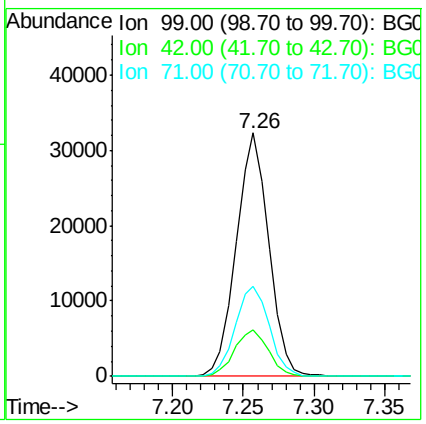


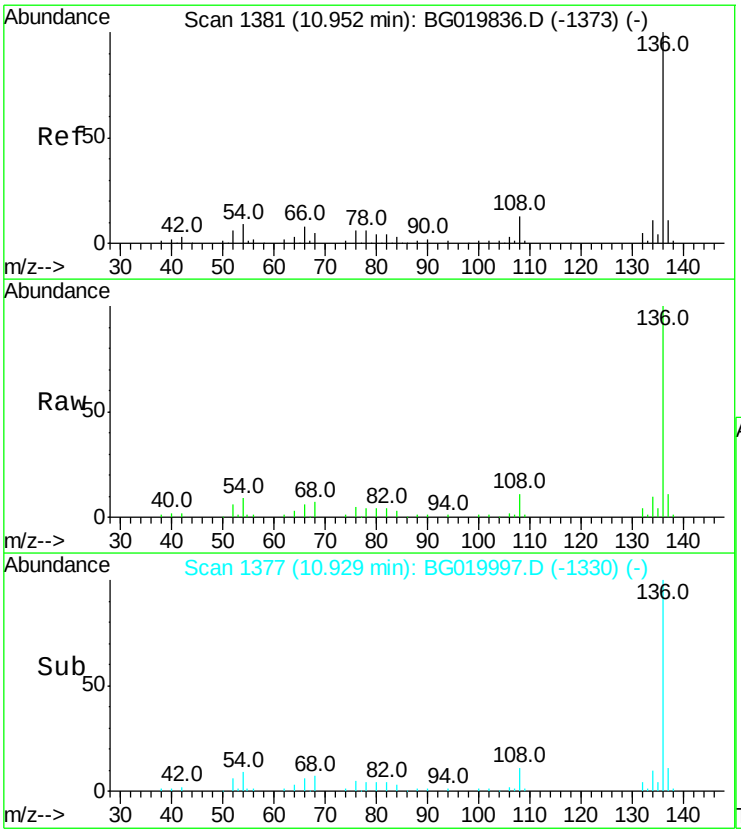
#7
Phenol-d6
Concen: 36.16 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion: 99 Resp: 51900

Ion	Ratio	Lower	Upper
99	100		
42	19.0	11.5	17.3#
71	37.0	22.6	34.0#

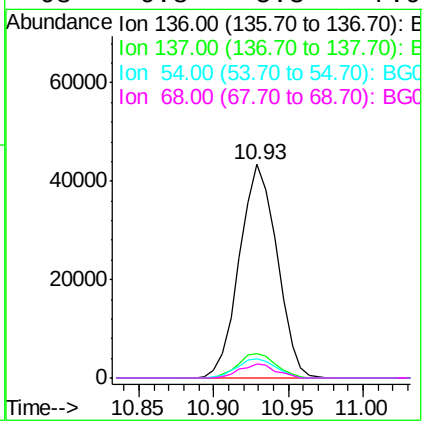


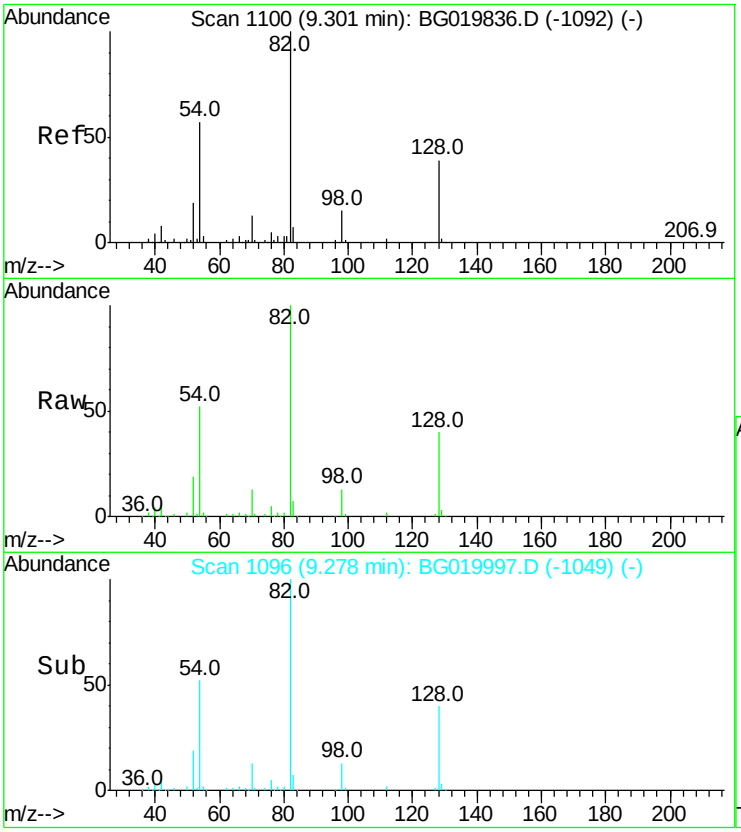


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Tgt Ion:136 Resp: 75999

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	8.8	5.4	8.2#
68	6.8	5.3	7.9



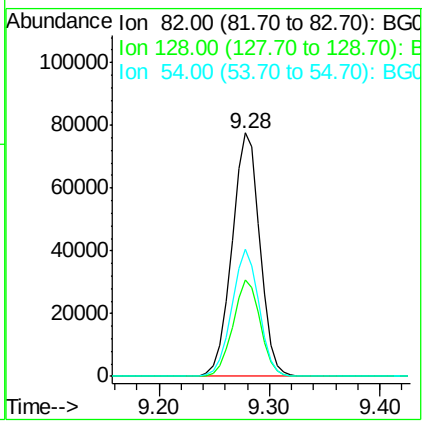


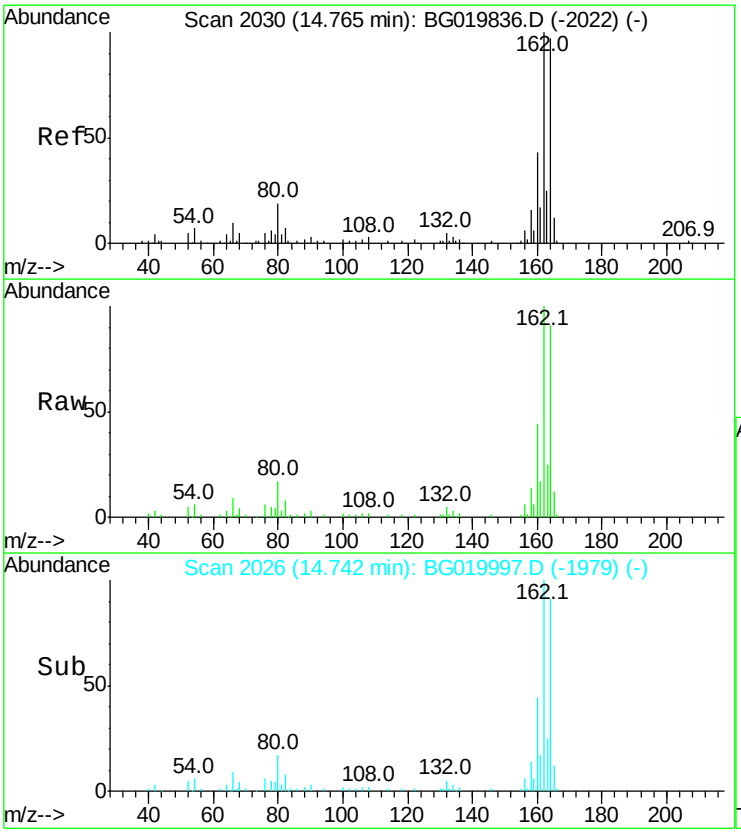
#23
Nitrobenzene-d5
Concen: 92.24 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion: 82 Resp: 137359

Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.7	55.1
54	52.1	33.8	50.8#

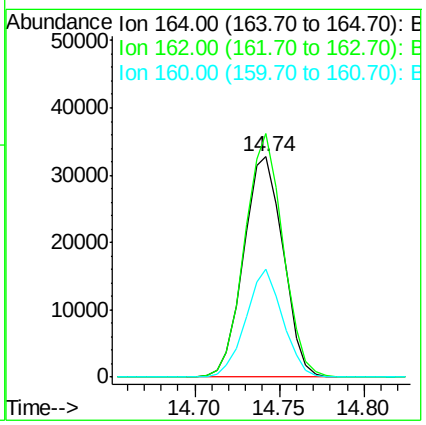


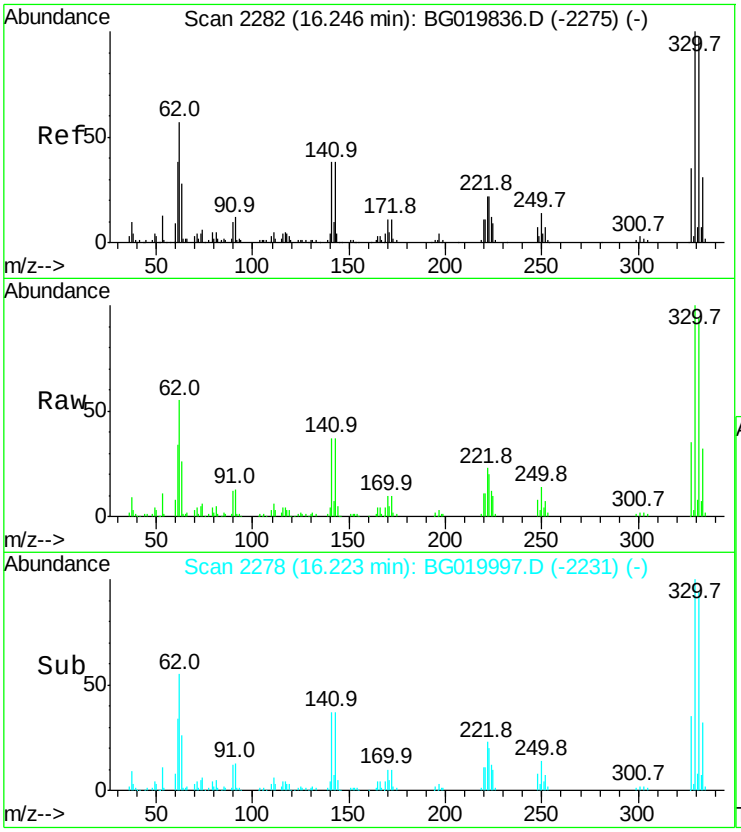


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Tgt Ion:164 Resp: 53212

Ion	Ratio	Lower	Upper
164	100		
162	110.5	78.8	118.2
160	48.9	36.4	54.6



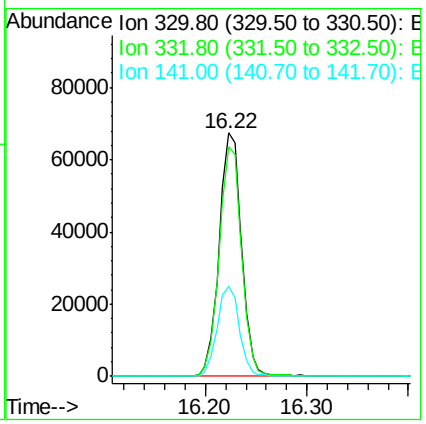


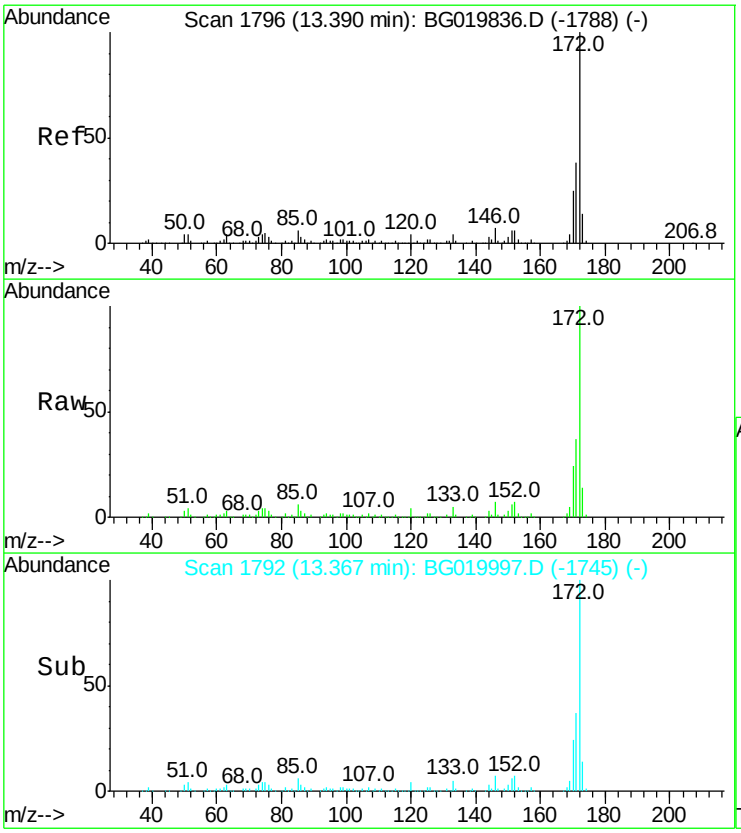
#41
2,4,6-Tribromophenol
Concen: 127.00 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion:330 Resp: 103400

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.1	117.1
141	36.8	28.2	42.2

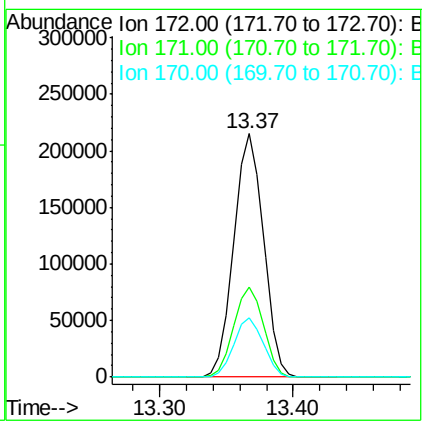


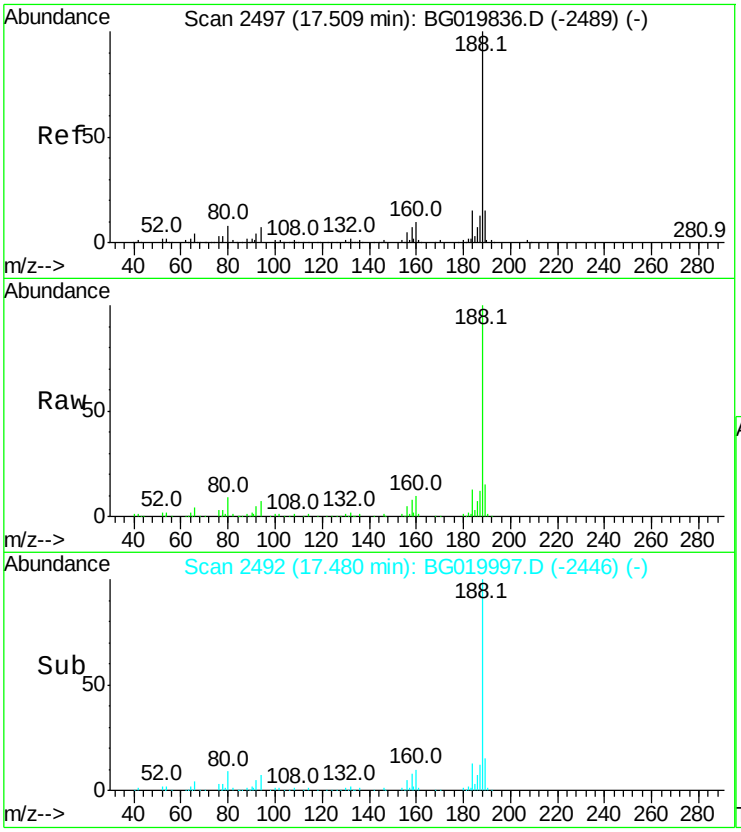


#44
2-Fluorobiphenyl
Concen: 85.51 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Tgt Ion:172 Resp: 333253

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.2	19.9	29.9



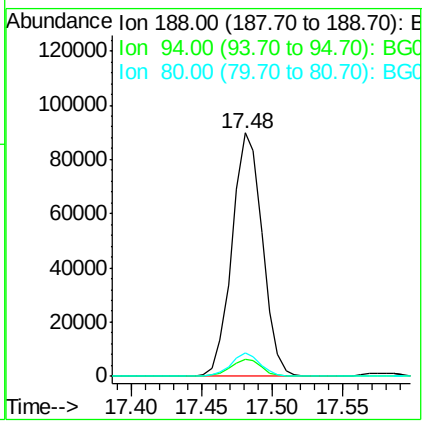


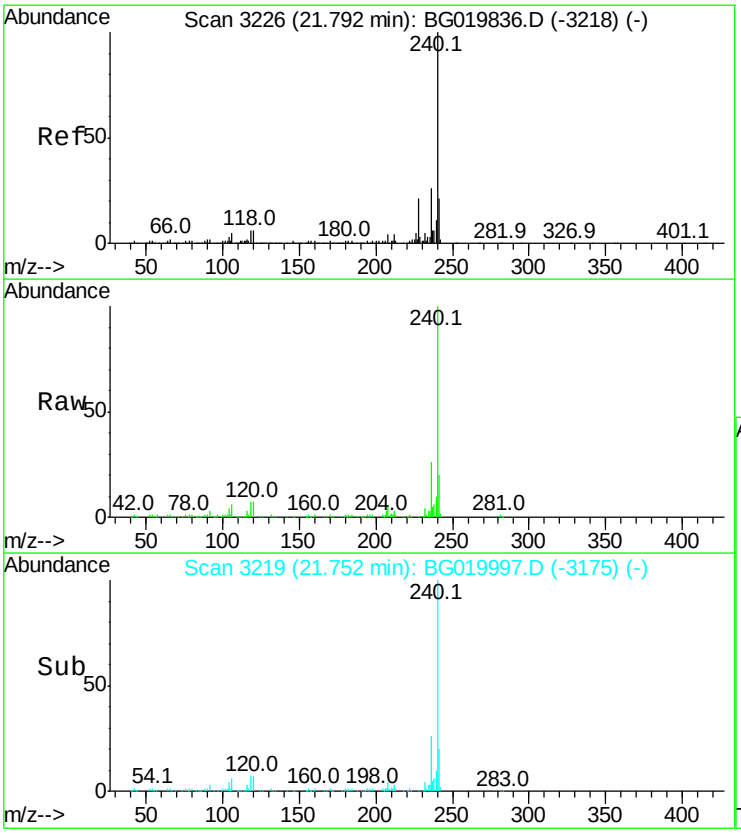
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion:188 Resp: 134657

Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.7	11.5#
80	9.4	7.8	11.8

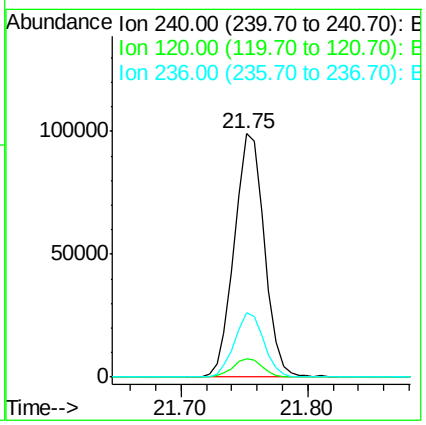


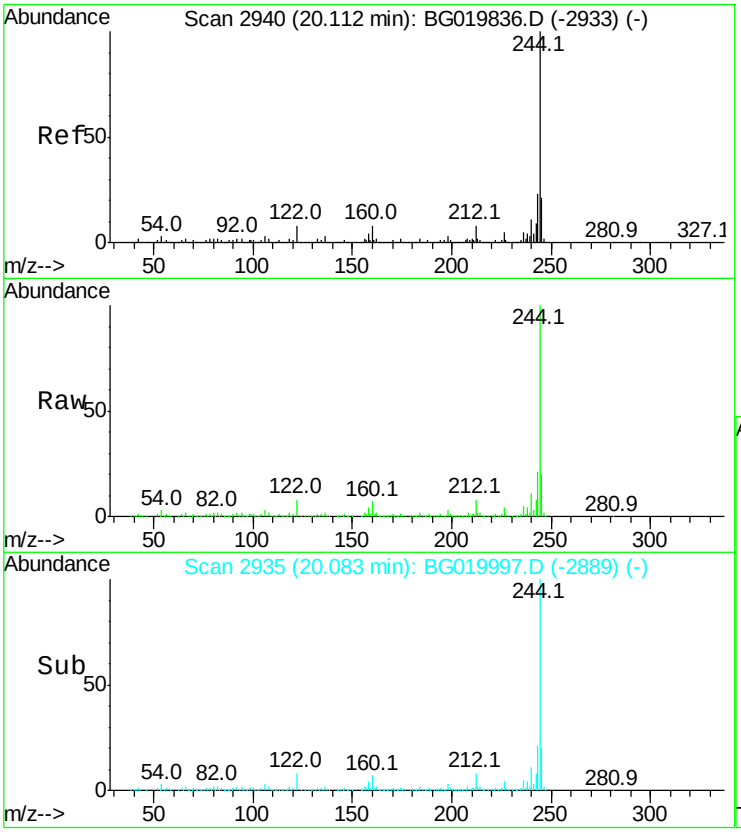


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Tgt Ion:240 Resp: 162401

Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.4	11.0#
236	26.2	20.7	31.1



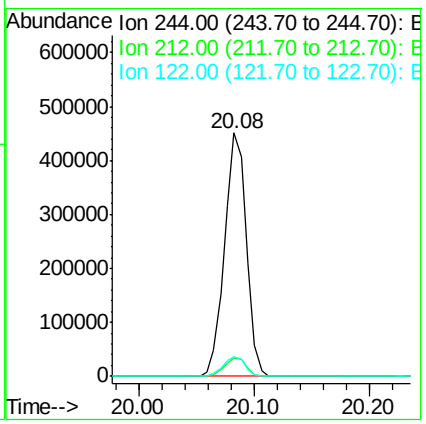


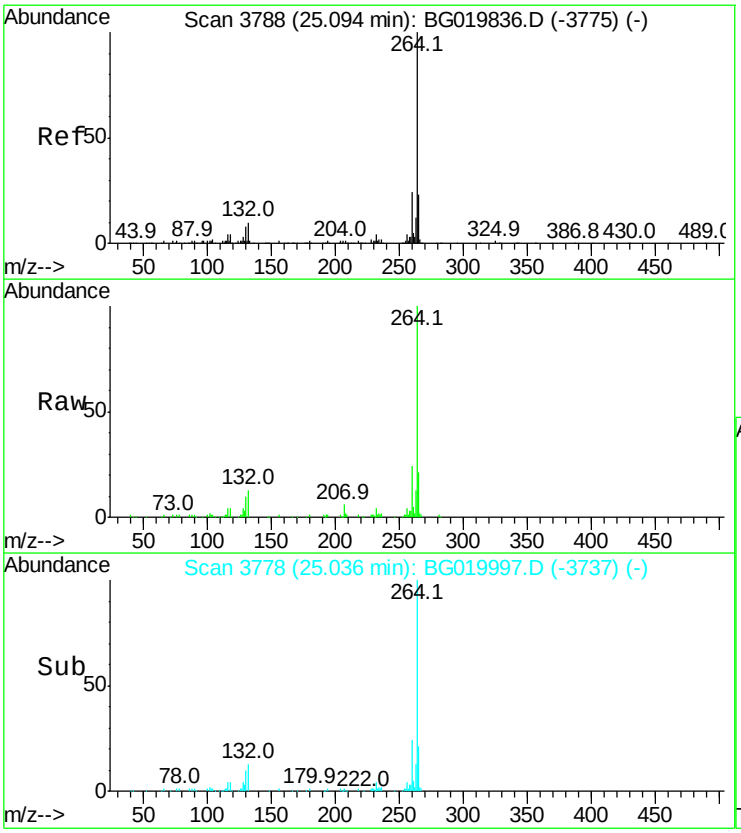
#78
Terphenyl-d14
Concen: 88.21 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG019997.D
Acq: 8 Dec 2015 1:25

Instrument :
BNA_G
ClientSampleId :
MW-17

Tgt Ion:244 Resp: 587279

Ion	Ratio	Lower	Upper
244	100		
212	7.8	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: BG019997.D
Acq: 8 Dec 2015 1:25

Tgt Ion:264 Resp: 155348

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	20.7	17.2	25.8