Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019875.D
Acq On : 3 Dec 2015 18:06
Operator : UM/NP
Sample : G4617-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-07

Quant Time: Dec 04 03:10:36 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	8.12	152	27846	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	124286	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	93838	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	240055	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	294022	20.00	ng	-0.02
86) Perylene-d12	25.07	264	279650	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	82122	53.30	ng	0.00
7) Phenol-d6	7.26	99	74092	31.85	ng	-0.01
23) Nitrobenzene-d5	9.29	82	212974	87.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	172700	120.28	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	543718	79.11	ng	0.00
78) Terphenyl-d14	20.10	244	808093	67.04	ng	-0.01
Target Compounds						Qvalue

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

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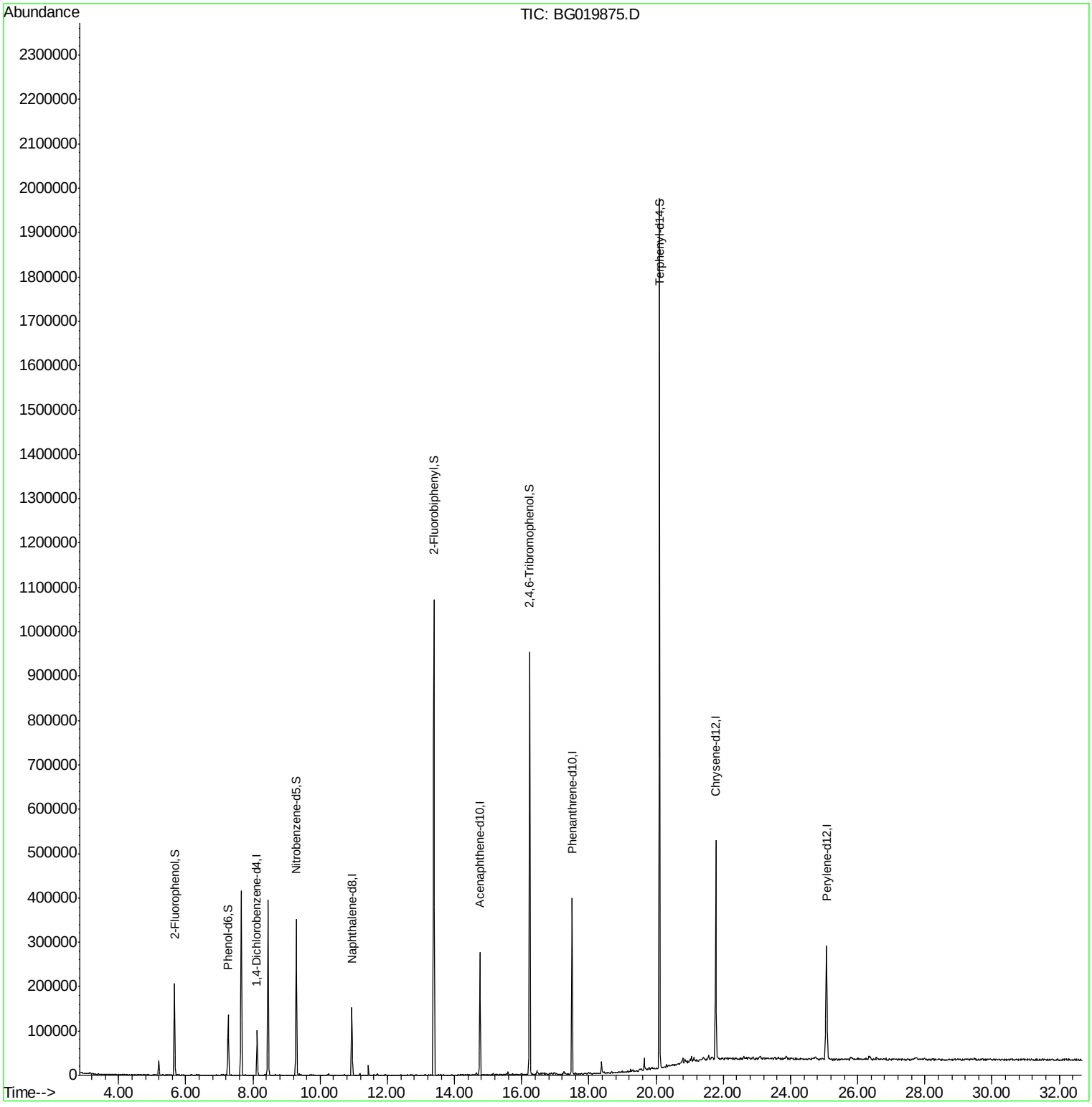
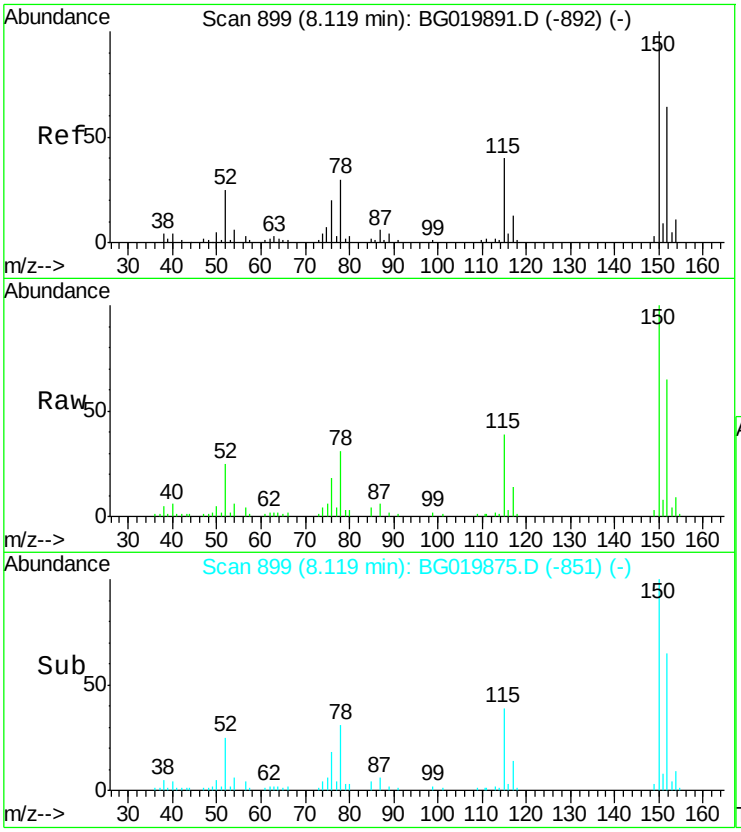


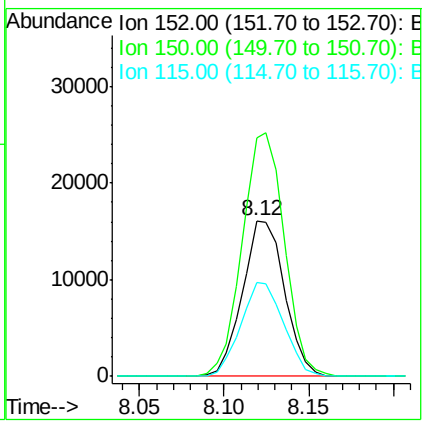


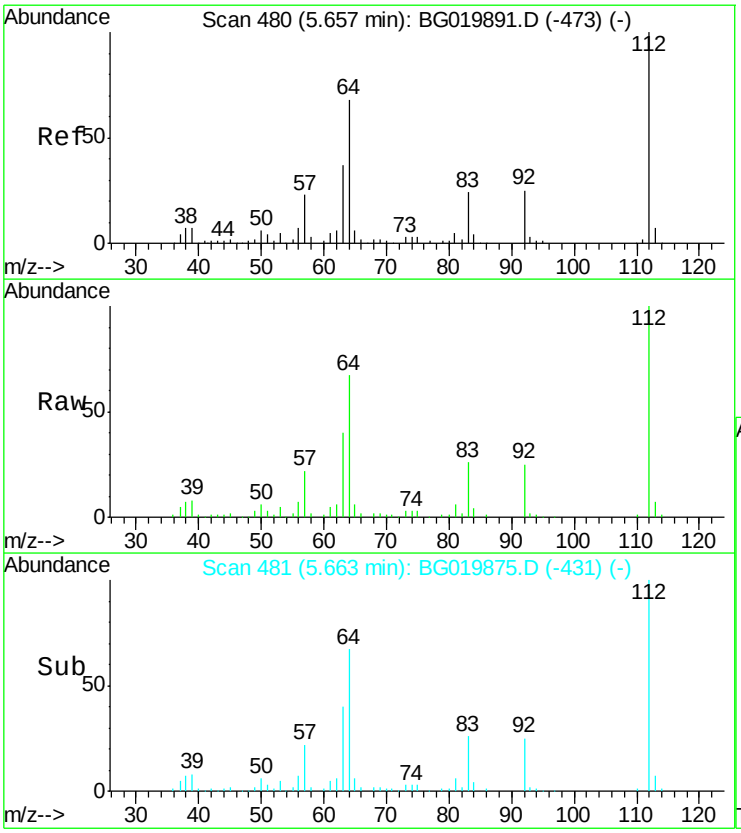
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Instrument :
BNA_G
ClientSampleId :
TW-07

Tgt Ion:152 Resp: 27846

Ion	Ratio	Lower	Upper
152	100		
150	153.5	115.0	172.4
115	60.2	43.9	65.9

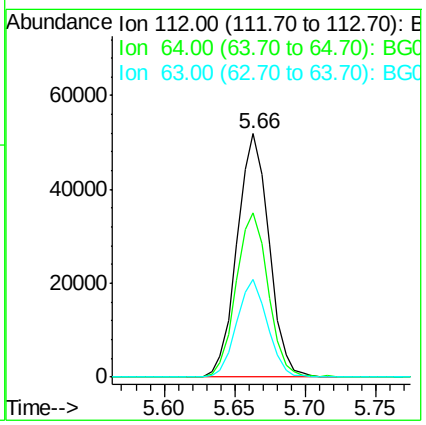


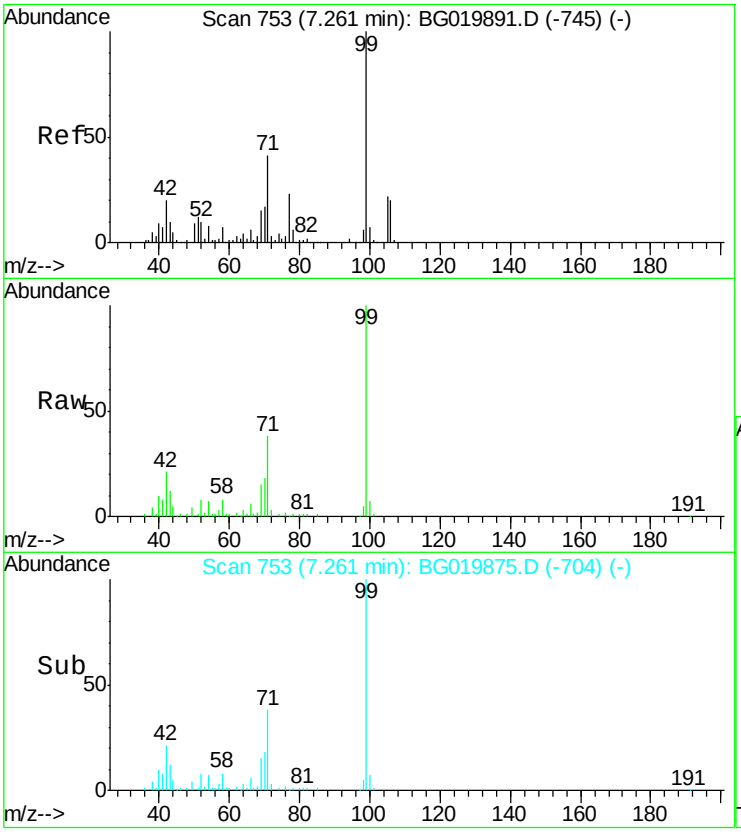


#5
2-Fluorophenol
Concen: 53.30 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.01 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Tgt Ion:112 Resp: 82122

Ion	Ratio	Lower	Upper
112	100		
64	67.3	43.7	65.5#
63	39.9	24.0	36.0#



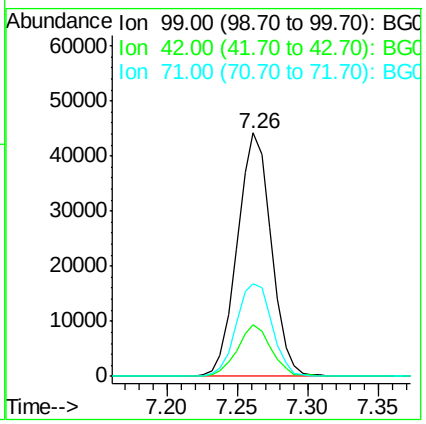


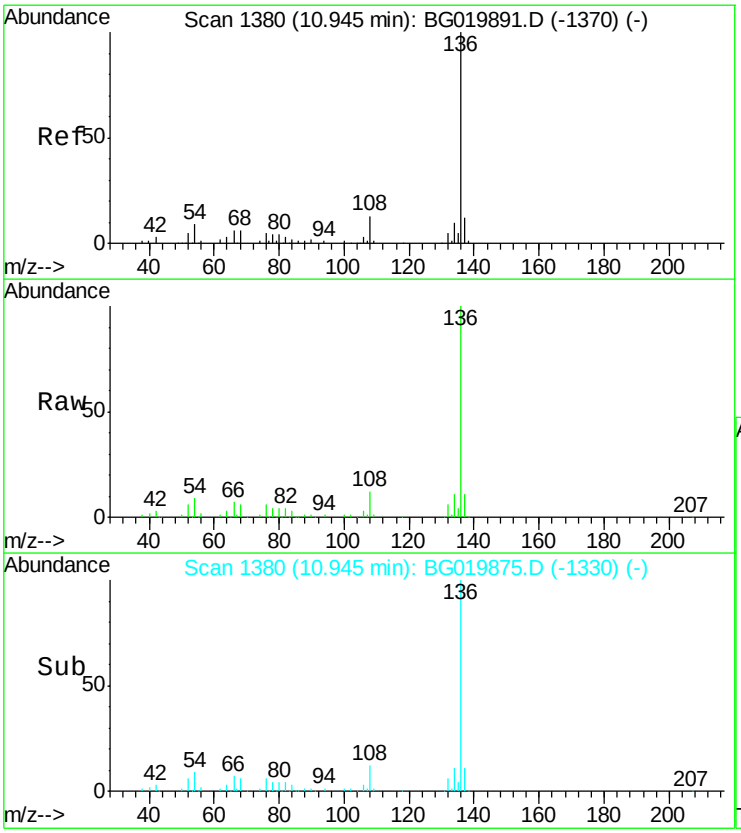
#7
Phenol-d6
Concen: 31.85 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Instrument :
BNA_G
ClientSampleId :
TW-07

Tgt Ion: 99 Resp: 74092

Ion	Ratio	Lower	Upper
99	100		
42	21.2	11.5	17.3#
71	38.2	22.6	34.0#

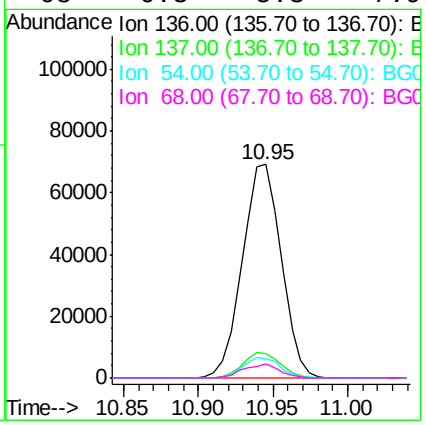


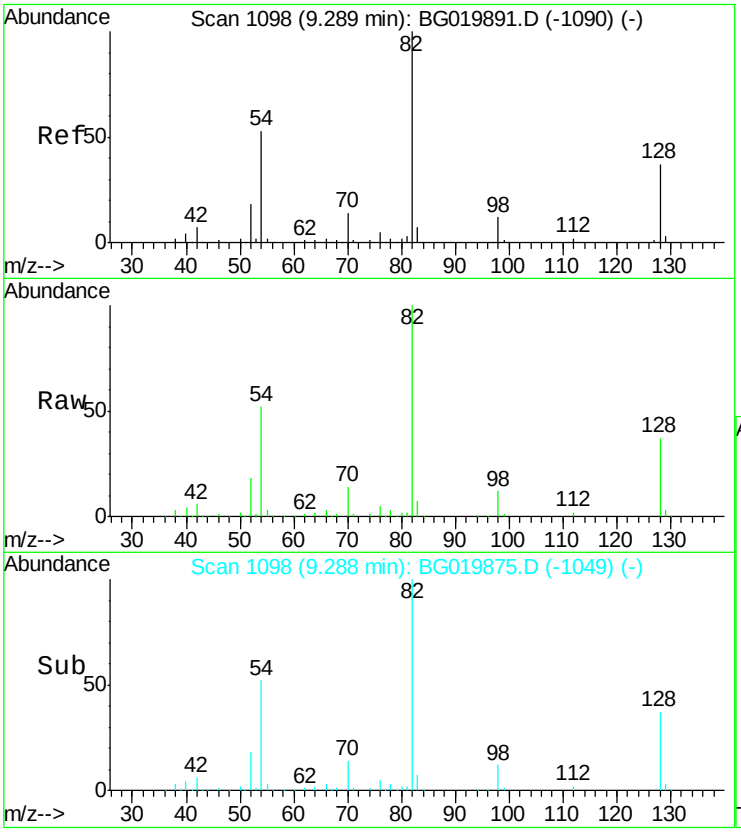


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Tgt Ion:136 Resp: 124286

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	8.9	5.4	8.2#
68	6.3	5.3	7.9



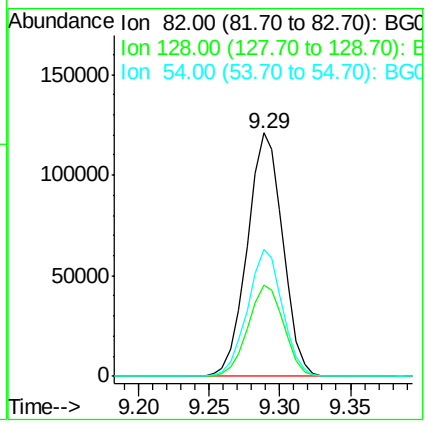


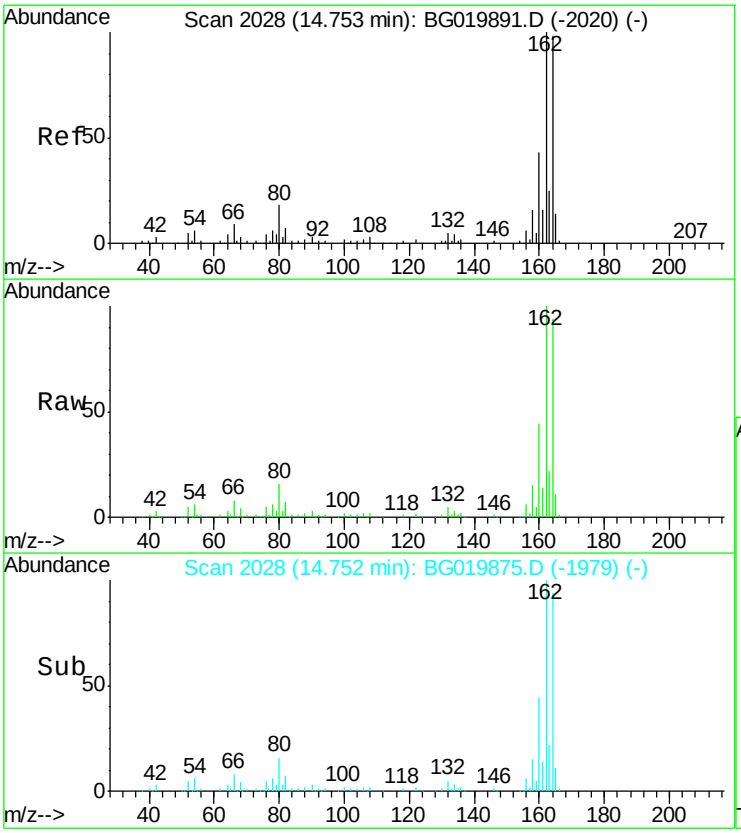
#23
Nitrobenzene-d5
Concen: 87.45 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Instrument :
BNA_G
ClientSampleId :
TW-07

Tgt Ion: 82 Resp: 212974

Ion	Ratio	Lower	Upper
82	100		
128	37.4	36.7	55.1
54	52.4	33.8	50.8#

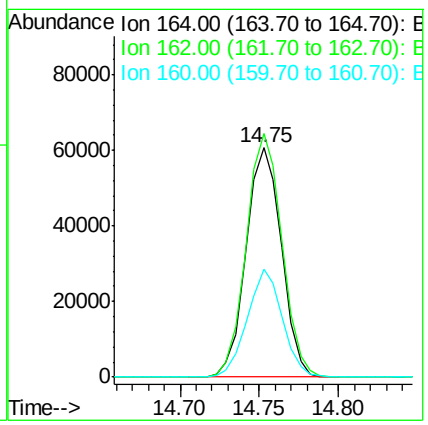


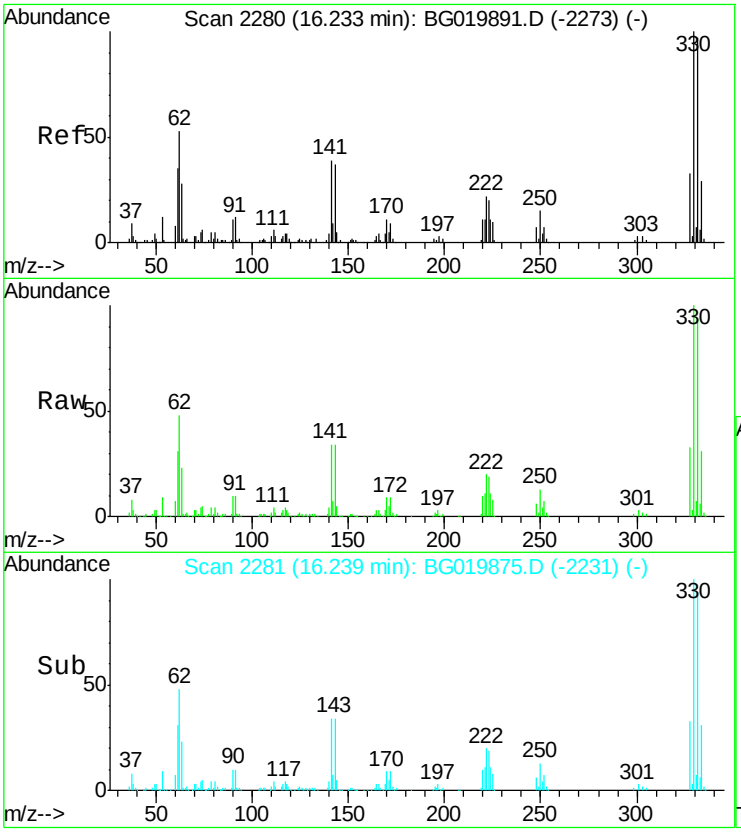


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Tgt Ion:164 Resp: 93838

Ion	Ratio	Lower	Upper
164	100		
162	106.3	78.8	118.2
160	47.1	36.4	54.6



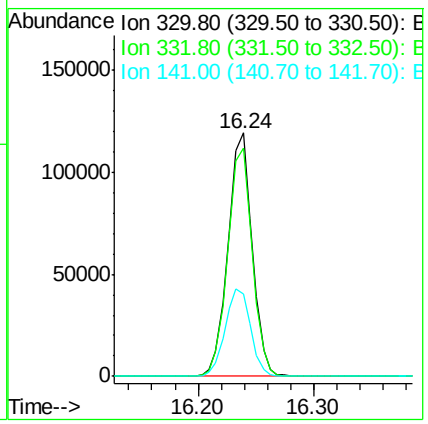


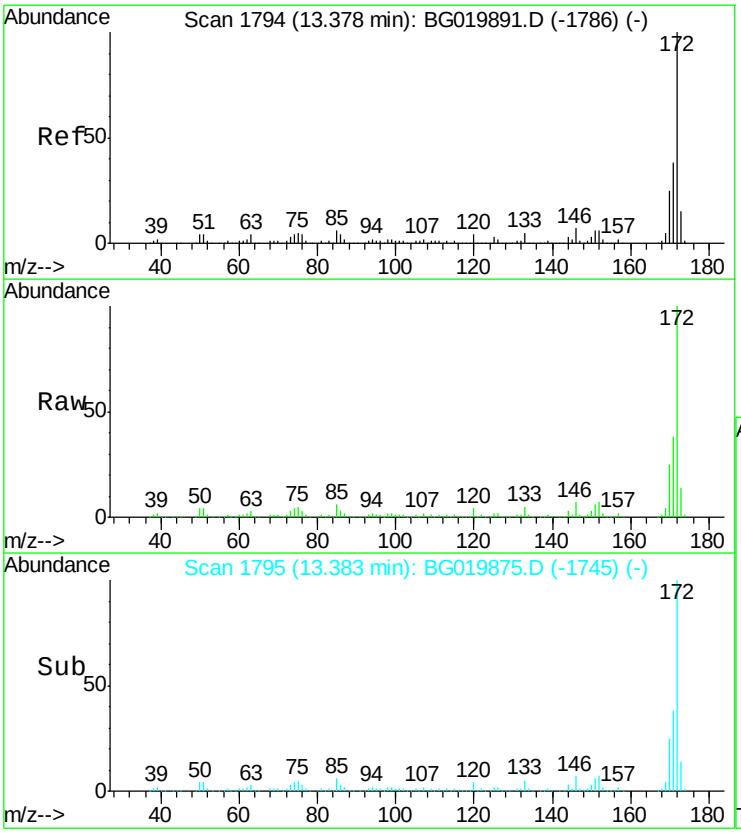
#41
2,4,6-Tribromophenol
Concen: 120.28 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Instrument :
BNA_G
ClientSampleId :
TW-07

Tgt Ion:330 Resp: 172700

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	38.0	28.2	42.2

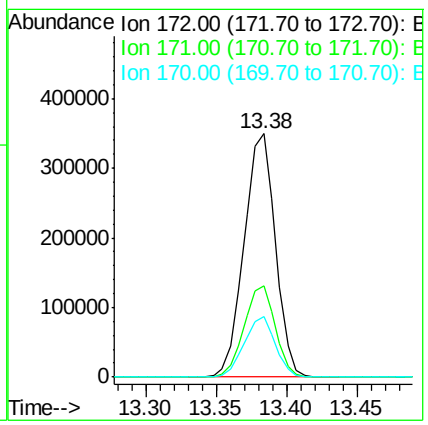


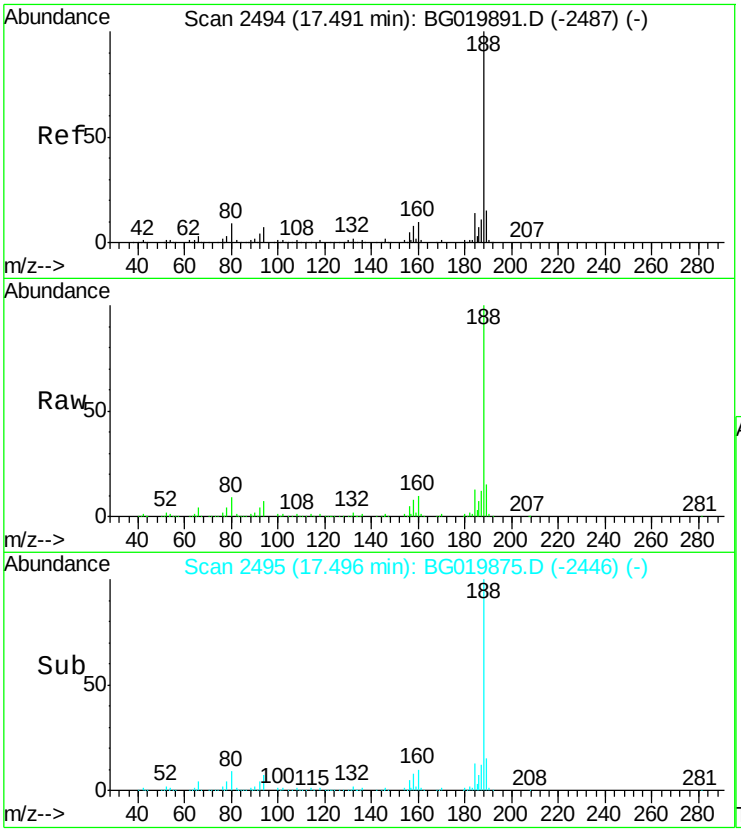


#44
2-Fluorobiphenyl
Concen: 79.11 ng
RT: 13.38 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Tgt Ion:172 Resp: 543718

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.6
170	25.1	19.9	29.9



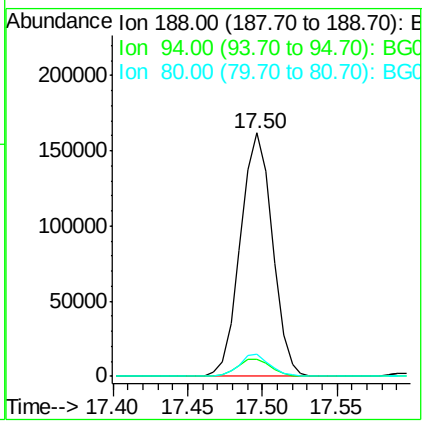


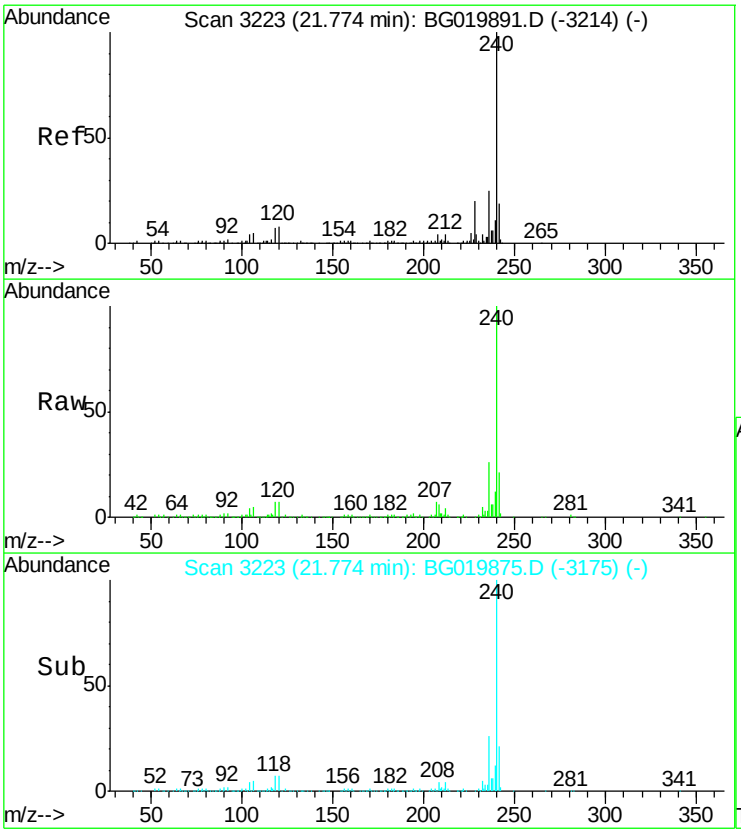
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Instrument :
BNA_G
ClientSampleId :
TW-07

Tgt Ion:188 Resp: 240055

Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.7	11.5#
80	8.9	7.8	11.8

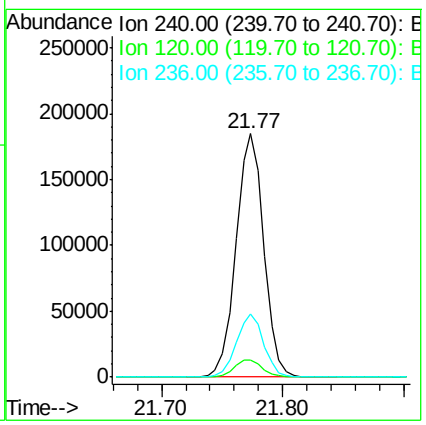


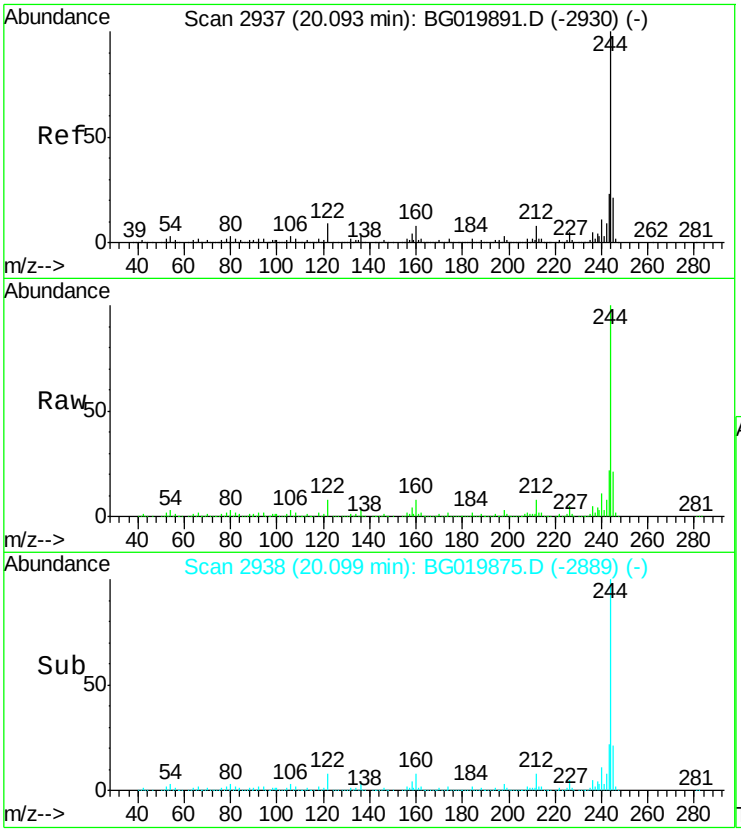


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Tgt Ion:240 Resp: 294022

Ion	Ratio	Lower	Upper
240	100		
120	7.0	7.4	11.0#
236	26.1	20.7	31.1



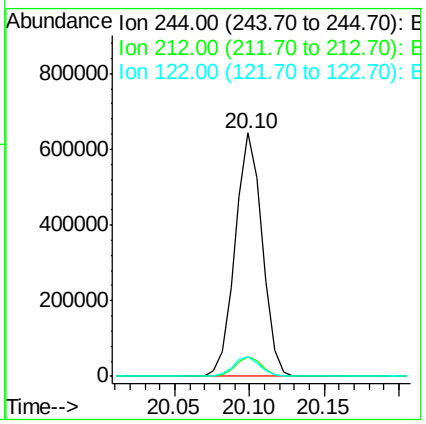


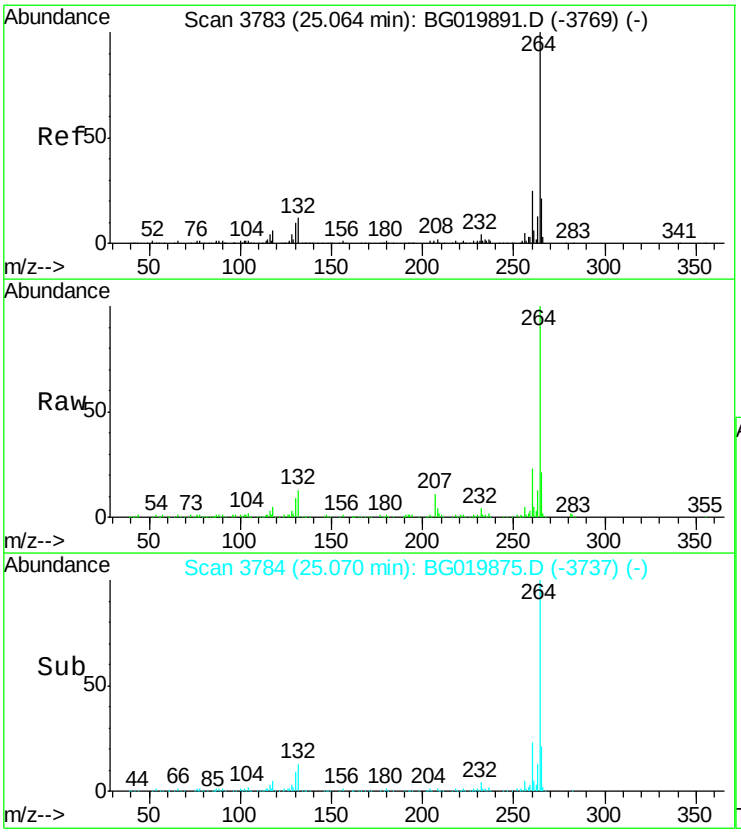
#78
Terphenyl-d14
Concen: 67.04 ng
RT: 20.10 min Scan# 2938
Delta R.T. -0.01 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Instrument :
BNA_G
ClientSampleId :
TW-07

Tgt Ion:244 Resp: 808093

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	8.0	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BG019875.D
Acq: 3 Dec 2015 18:06

Tgt Ion:264 Resp: 279650

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.3	17.2	25.8