Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020016.D
Acq On : 8 Dec 2015 13:47
Operator : UM/SJ
Sample : G4684-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-3

Quant Time: Dec 09 07:24:21 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	20360	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	82565	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	54399	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	121991	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	152327	20.00	ng	-0.04
86) Perylene-d12	25.04	264	153225	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	170755	151.58	ng	-0.01
7) Phenol-d6	7.26	99	245985	144.62	ng	-0.01
23) Nitrobenzene-d5	9.28	82	174442	107.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	120841	145.18	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	355560	89.25	ng	-0.02
78) Terphenyl-d14	20.09	244	549545	88.00	ng	-0.02
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.59	142	18244	5.63	ng	# 77
45) 1,1'-Biphenyl	13.58	154	10999	2.46	ng	79
49) Dimethylphthalate	14.19	163	92203	18.84	ng	# 94
77) Pyrene	19.89	202	31786	3.55	ng	# 90

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

Quantitation Report (LSC Reviewed)

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Data File : BG020016.D
Acq On : 8 Dec 2015 13:47
Operator : UM/SJ
Sample : G4684-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

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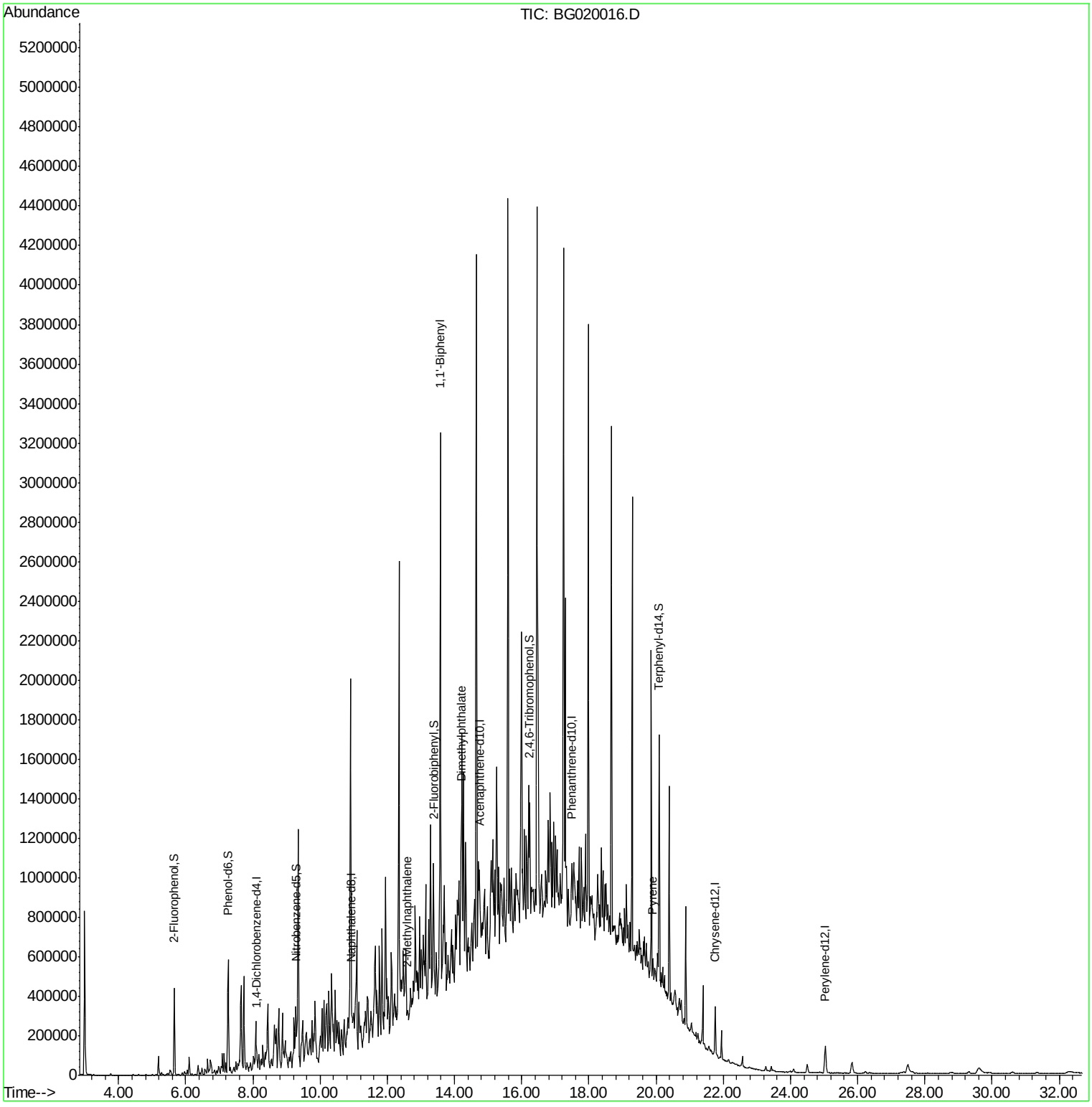
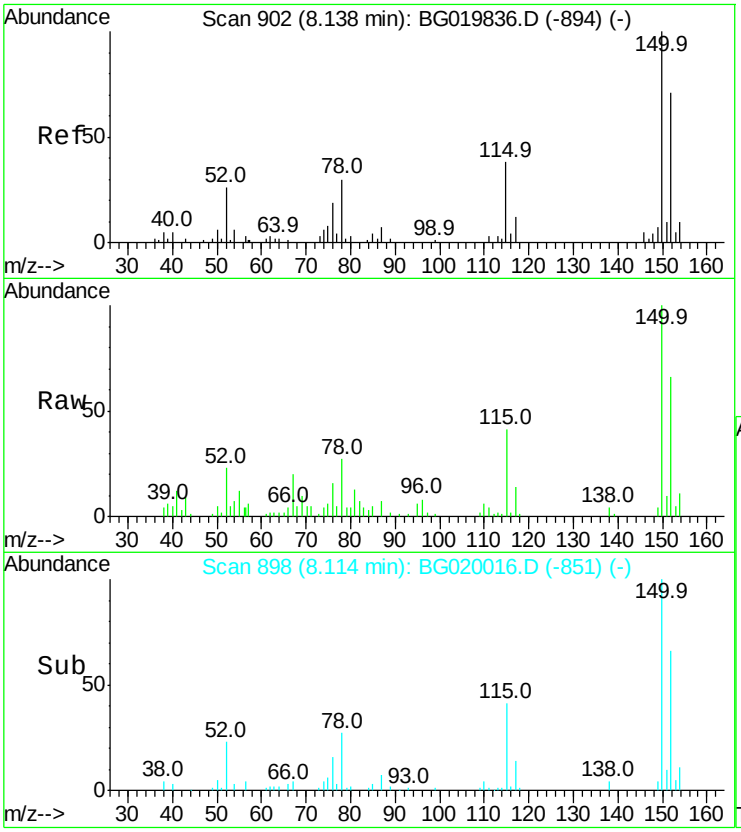


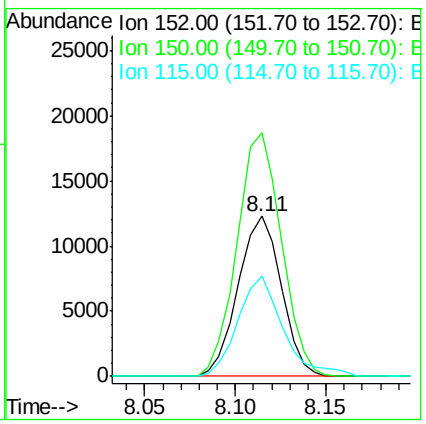


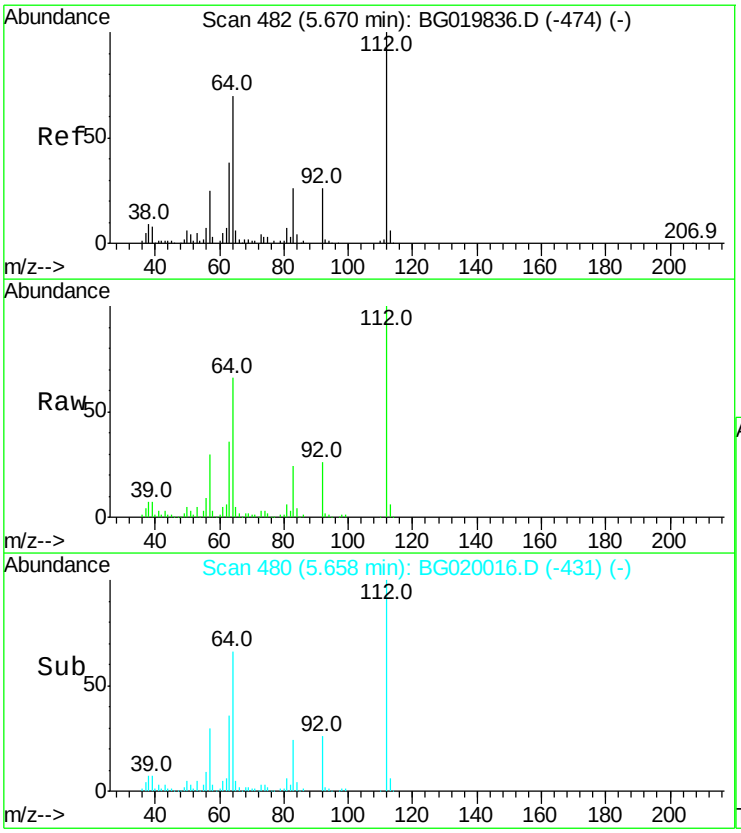
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
UST-3

Tgt Ion:152 Resp: 20360

Ion	Ratio	Lower	Upper
152	100		
150	152.1	115.0	172.4
115	62.8	43.9	65.9

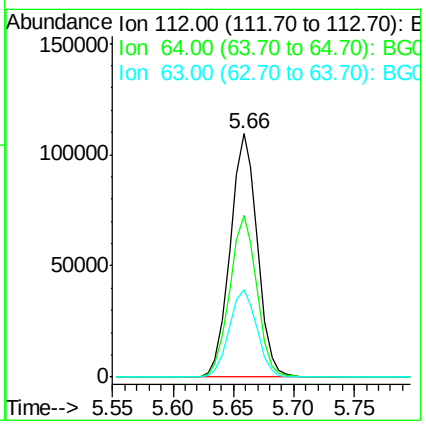


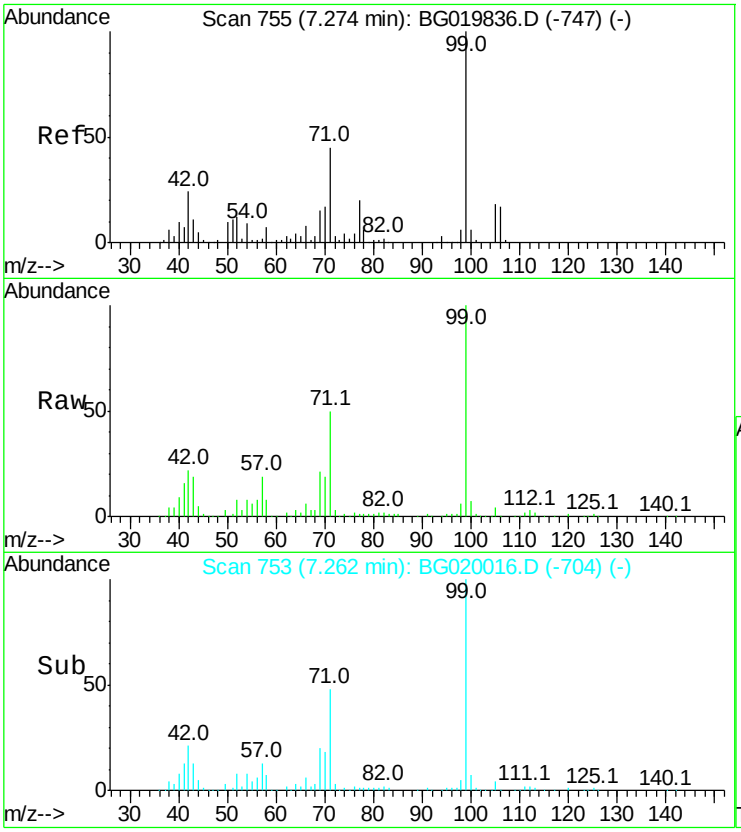


#5
2-Fluorophenol
Concen: 151.58 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Tgt Ion:112 Resp: 170755

Ion	Ratio	Lower	Upper
112	100		
64	66.3	43.7	65.5#
63	36.1	24.0	36.0#



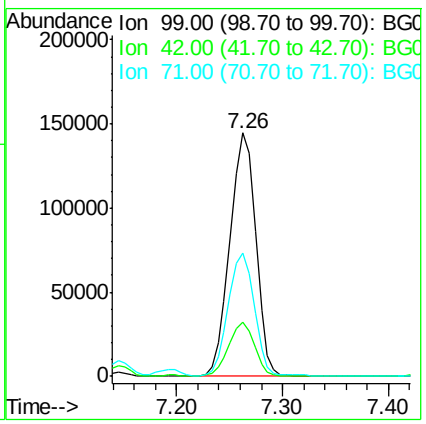


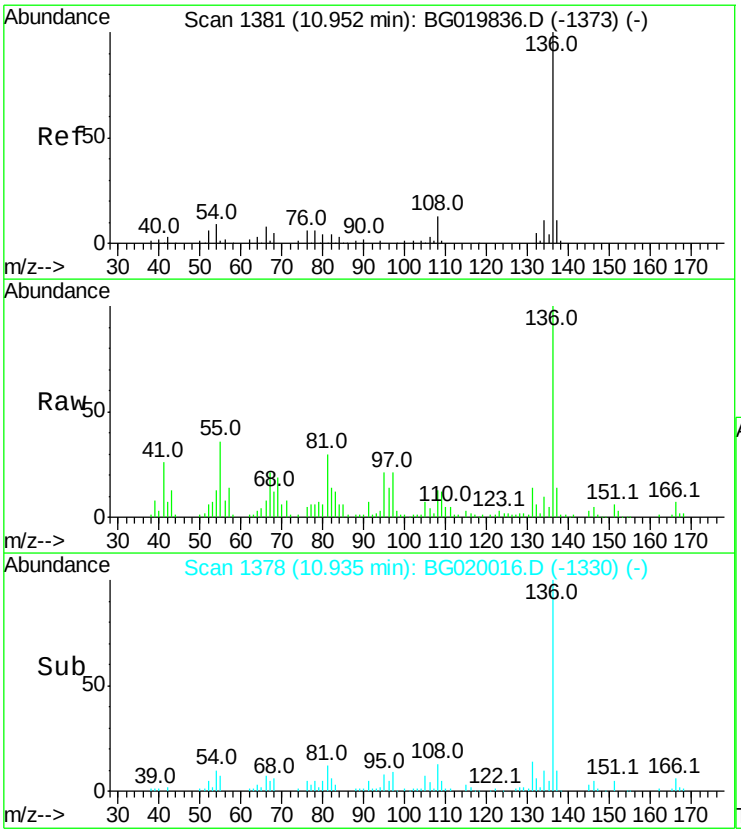
#7
Phenol-d6
Concen: 144.62 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
UST-3

Tgt Ion: 99 Resp: 245985

Ion	Ratio	Lower	Upper
99	100		
42	22.0	11.5	17.3#
71	50.5	22.6	34.0#

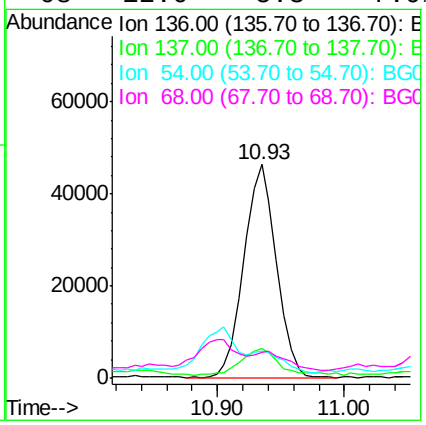


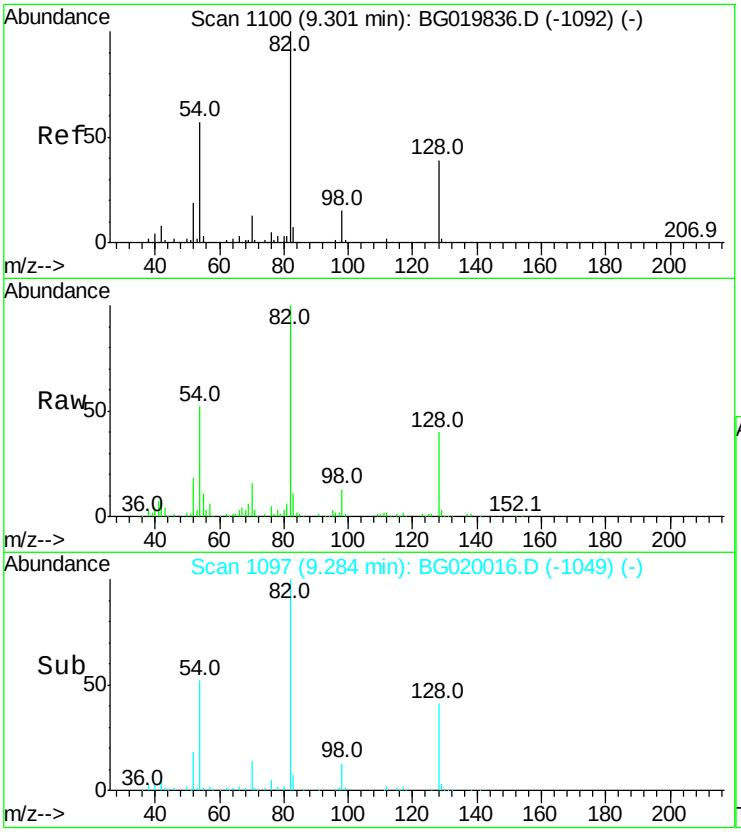


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Tgt Ion:136 Resp: 82565

Ion	Ratio	Lower	Upper
136	100		
137	13.6	8.6	12.8#
54	12.8	5.4	8.2#
68	12.0	5.3	7.9#



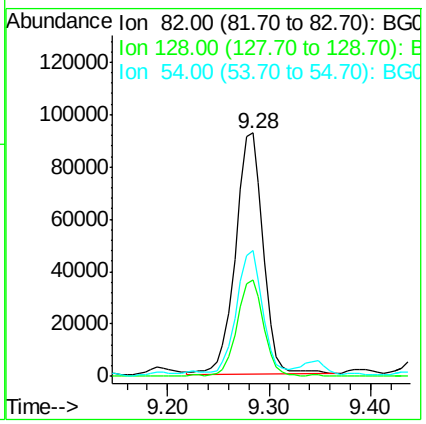


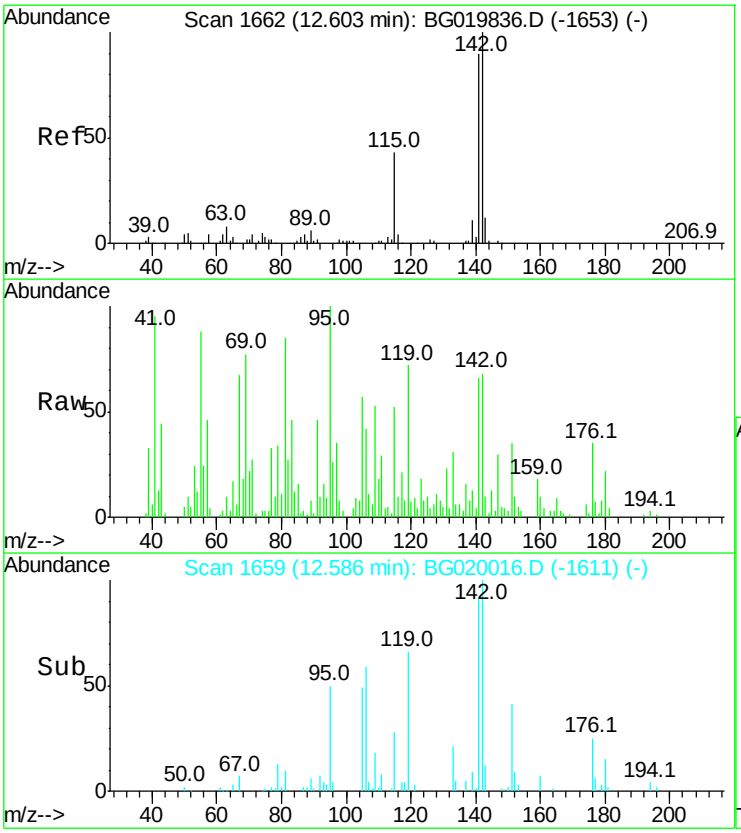
#23
Nitrobenzene-d5
Concen: 107.83 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
UST-3

Tgt Ion: 82 Resp: 174442

Ion	Ratio	Lower	Upper
82	100		
128	39.5	36.7	55.1
54	51.6	33.8	50.8#

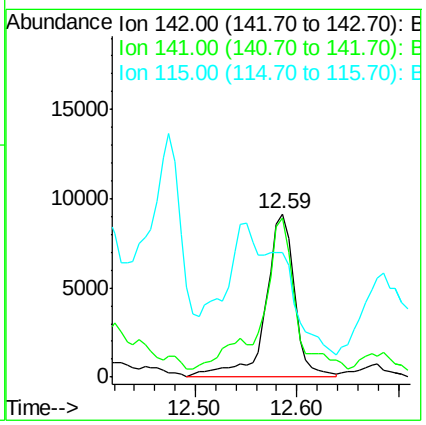


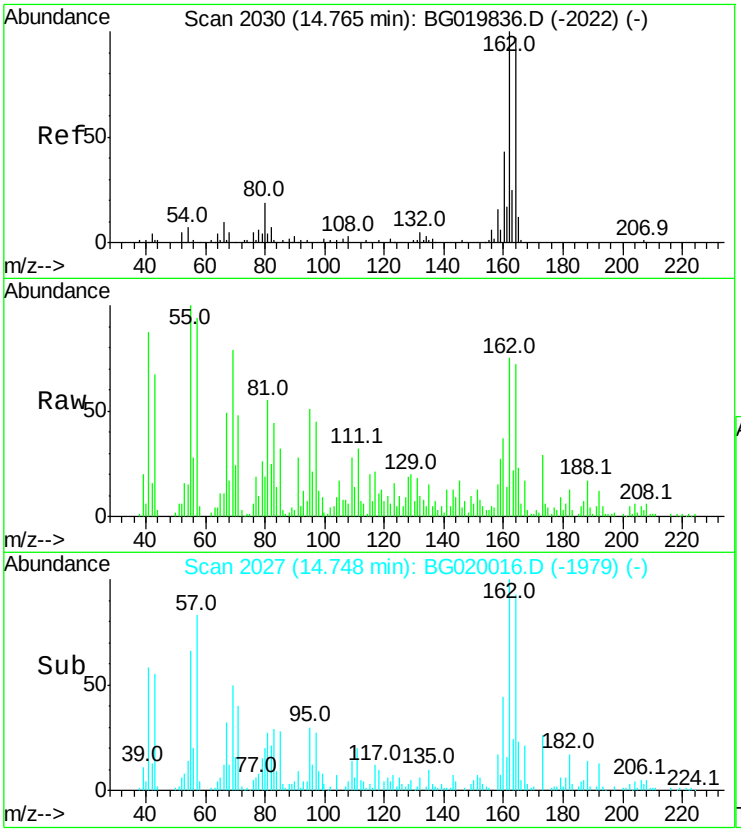


#37
2-Methylnaphthalene
Concen: 5.63 ng
RT: 12.59 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Tgt Ion:142 Resp: 18244

Ion	Ratio	Lower	Upper
142	100		
141	97.6	74.6	112.0
115	76.6	27.4	41.0#



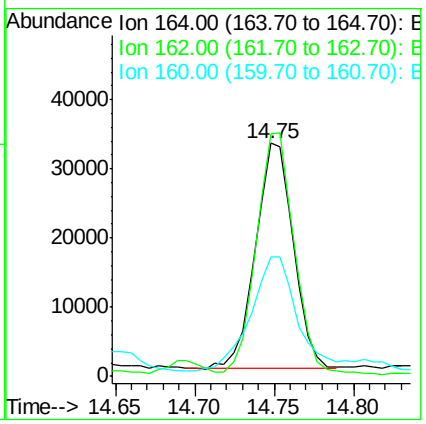


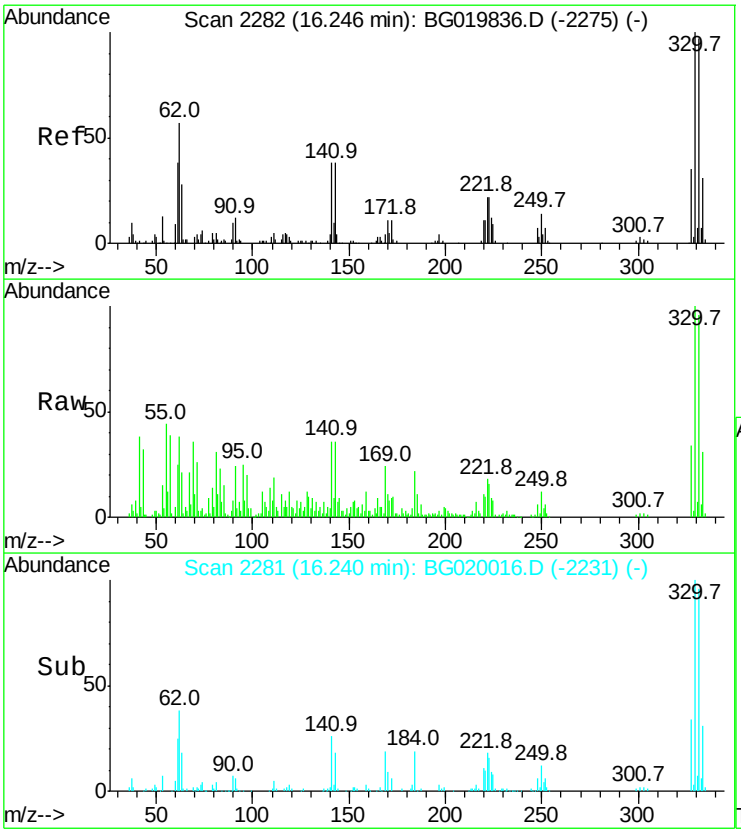
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
UST-3

Tgt Ion:164 Resp: 54399

Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	51.1	36.4	54.6

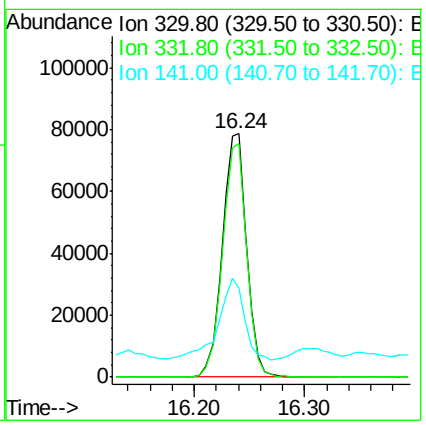


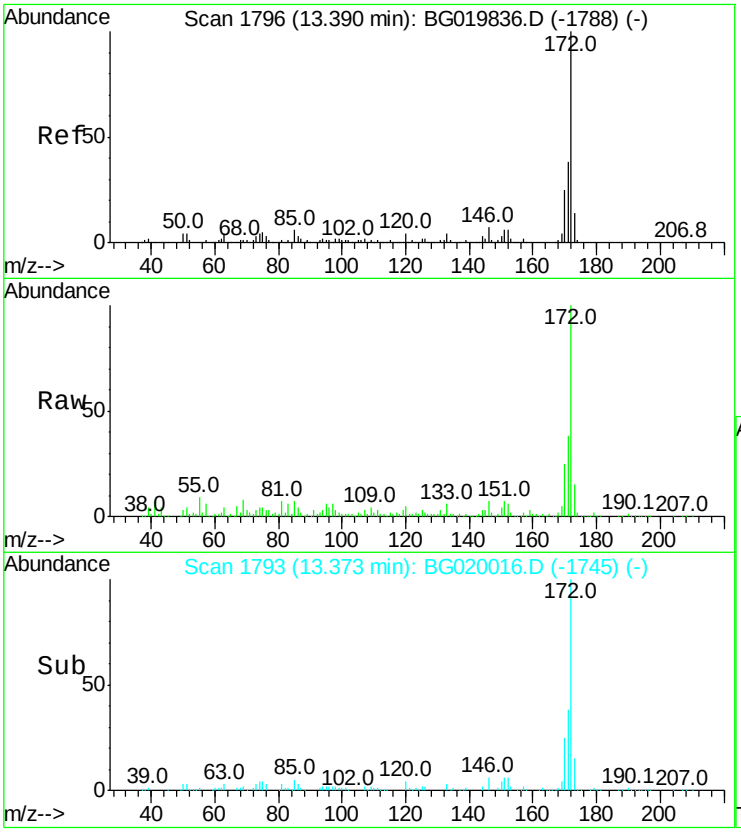


#41
2,4,6-Tribromophenol
Concen: 145.18 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Tgt Ion:330 Resp: 120841

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.1	117.1
141	35.2	28.2	42.2



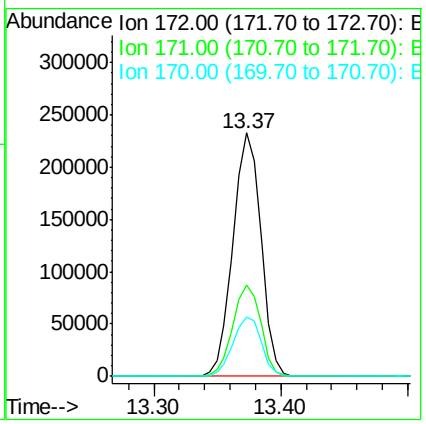


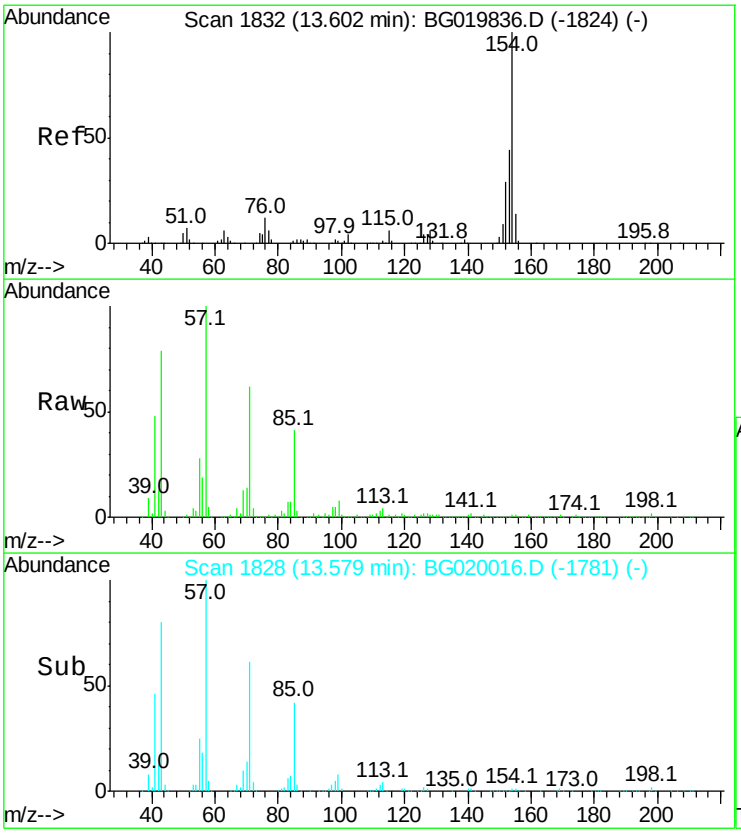
#44
2-Fluorobiphenyl
Concen: 89.25 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.02 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
UST-3

Tgt Ion:172 Resp: 355560

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.6
170	24.6	19.9	29.9

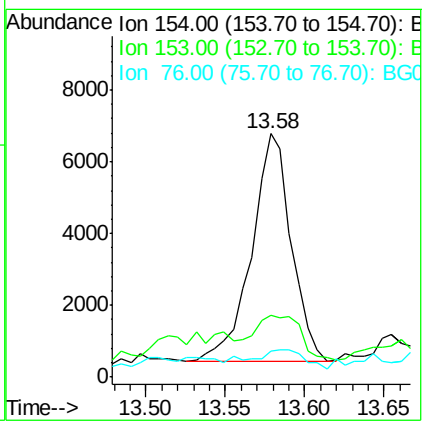


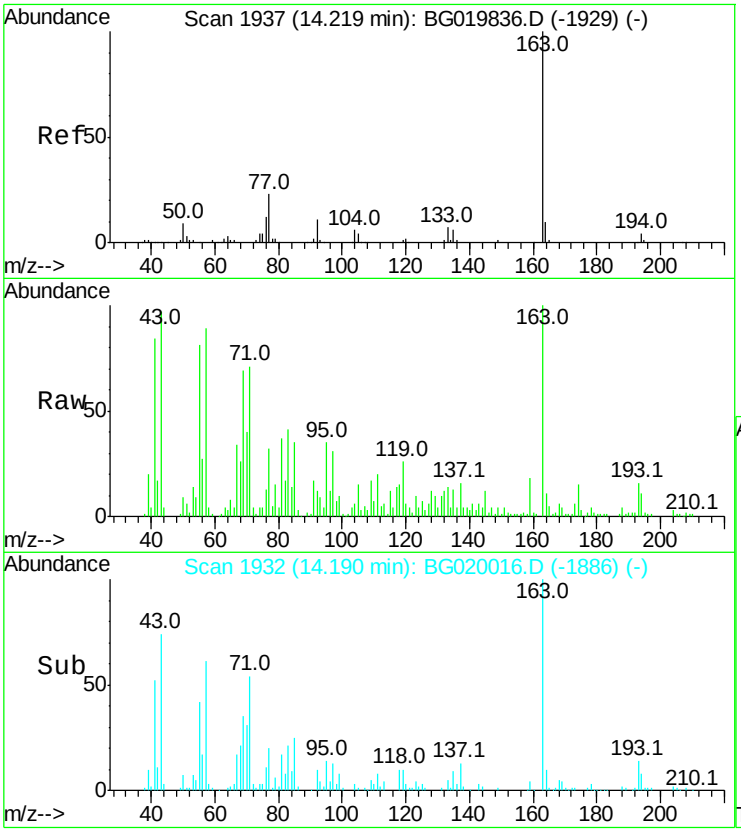


#45
1,1'-Biphenyl
Concen: 2.46 ng
RT: 13.58 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Tgt Ion:154 Resp: 10999

Ion	Ratio	Lower	Upper
154	100		
153	25.5	21.9	61.9
76	10.7	0.0	33.2



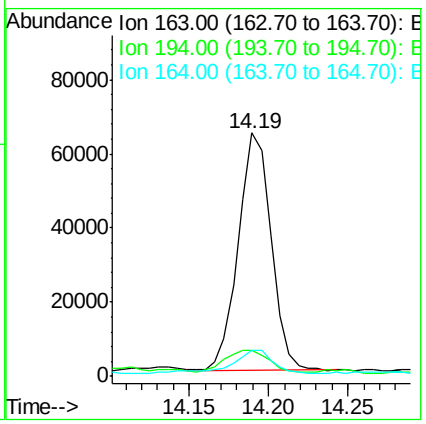


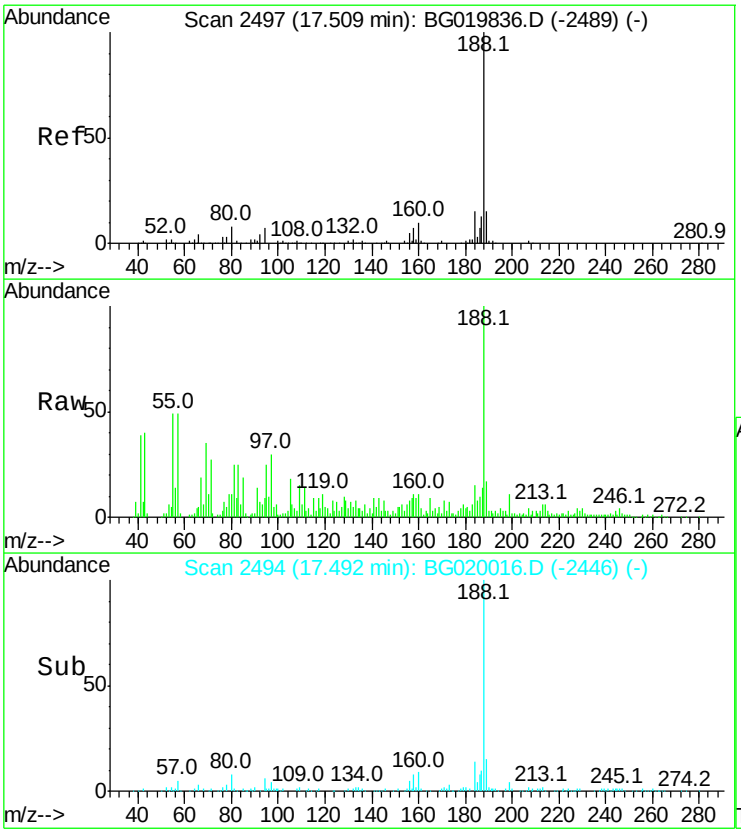
#49
Dimethylphthalate
Concen: 18.84 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.03 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
UST-3

Tgt Ion:163 Resp: 92203

Ion	Ratio	Lower	Upper
163	100		
194	10.7	3.1	4.7#
164	10.6	8.8	13.2

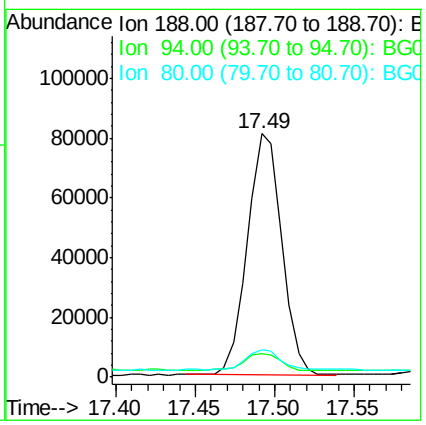


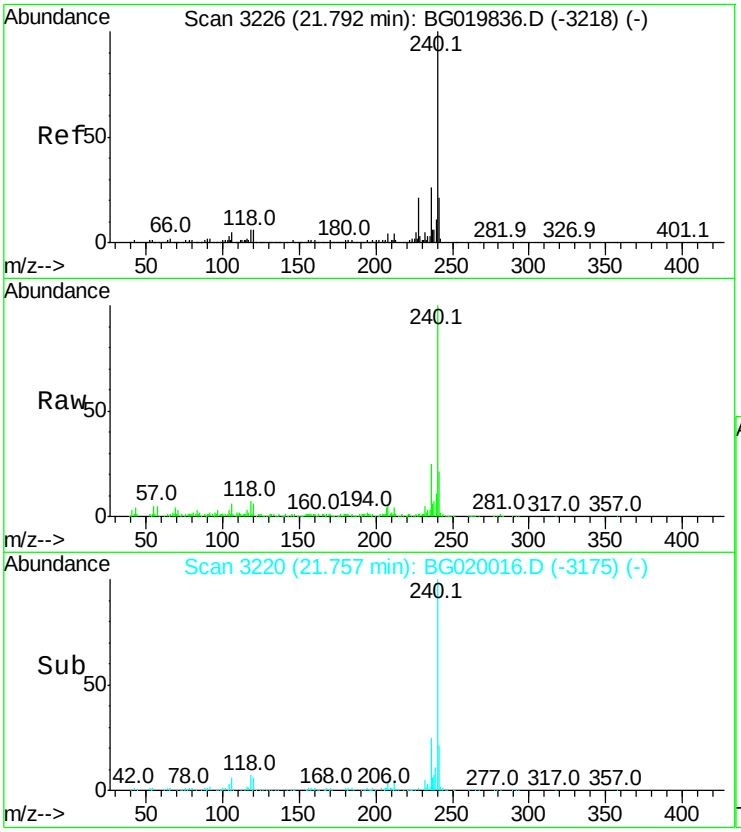


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Tgt Ion:188 Resp: 121991

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.7	11.5
80	11.2	7.8	11.8



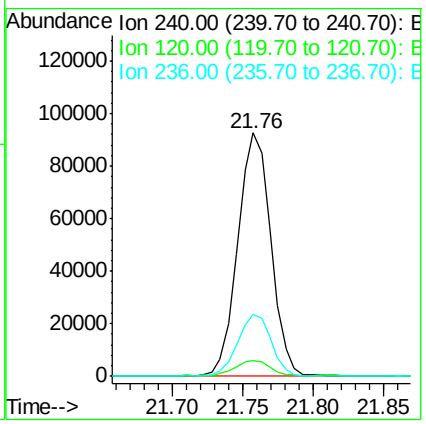


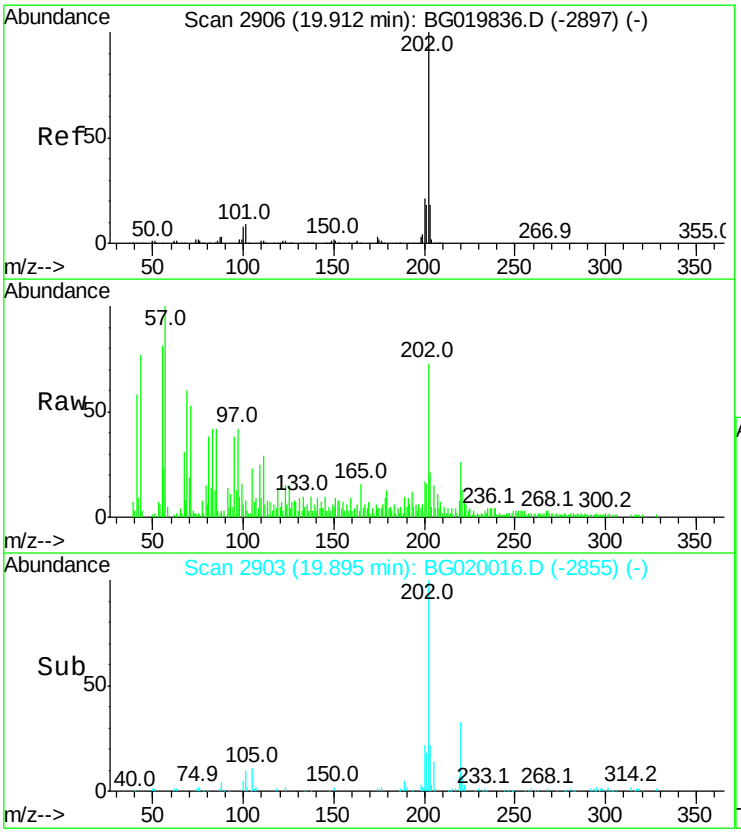
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
UST-3

Tgt Ion:240 Resp: 152327

Ion	Ratio	Lower	Upper
240	100		
120	6.4	7.4	11.0#
236	25.2	20.7	31.1

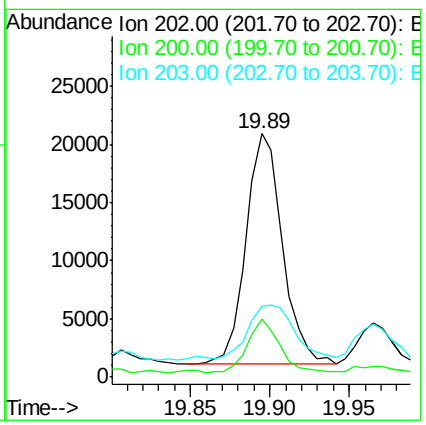


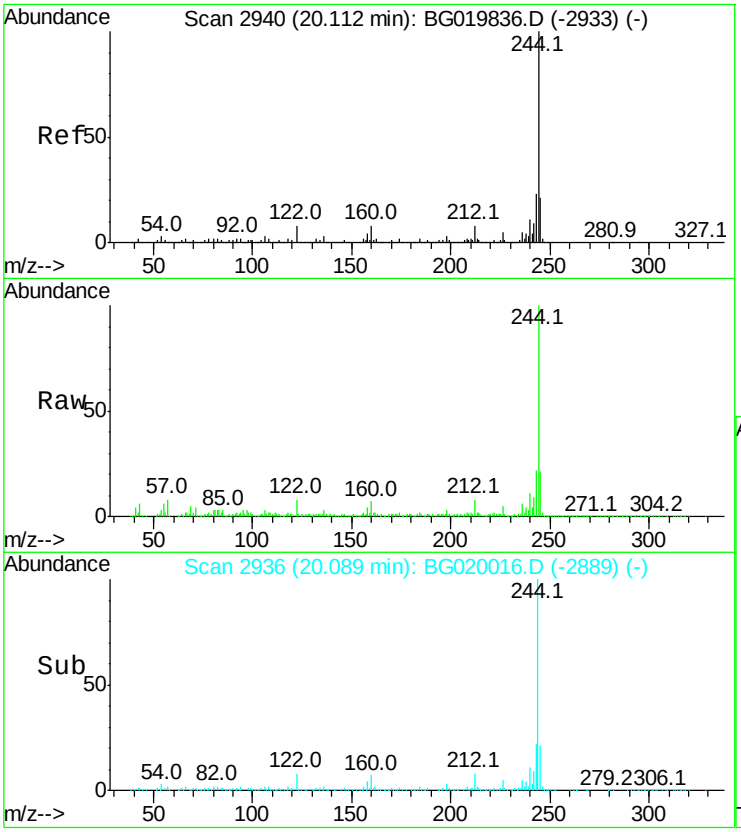


#77
Pyrene
Concen: 3.55 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.02 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Tgt Ion:202 Resp: 31786

Ion	Ratio	Lower	Upper
202	100		
200	23.8	19.4	29.0
203	29.0	15.5	23.3#



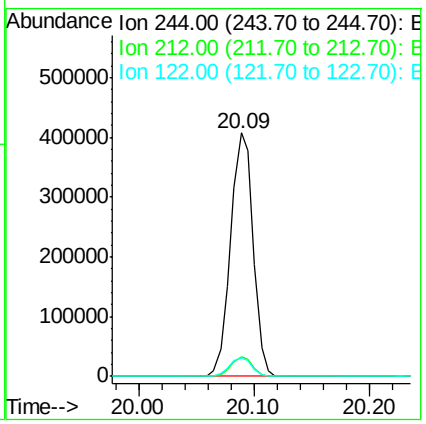


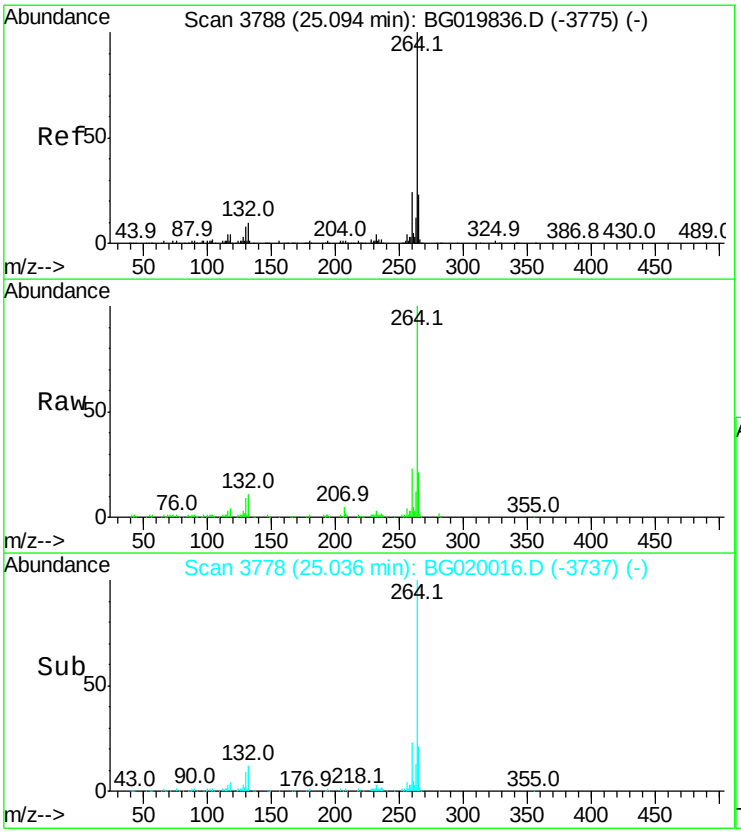
#78
Terphenyl-d14
Concen: 88.00 ng
RT: 20.09 min Scan# 2936
Delta R.T. -0.02 min
Lab File: BG020016.D
Acq: 8 Dec 2015 13:47

Instrument :
BNA_G
ClientSampleId :
UST-3

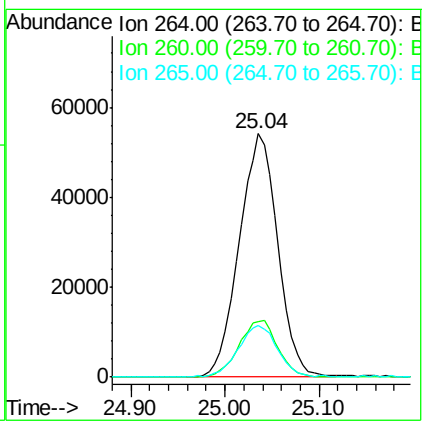
Tgt Ion:244 Resp: 549545

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	7.8	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: BG020016.D
Acq: 8 Dec 2015 13:47

Tgt Ion:264 Resp: 153225

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	21.1	17.2	25.8