Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022180.D
Acq On : 6 Jun 2016 22:27
Operator : UM/SJ
Sample : H3404-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B2-14-15

Quant Time: Jun 07 03:22:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	25558	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	117778	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	74525	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	180744	20.00	ng		0.00
75) Chrysene-d12	21.76	240	185340	20.00	ng		0.00
86) Perylene-d12	25.06	264	173359	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	159048	120.32	ng		0.00
7) Phenol-d6	7.28	99	224891	108.21	ng		0.00
23) Nitrobenzene-d5	9.29	82	117963	69.83	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	90818	107.85	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	345306	70.61	ng		0.00
78) Terphenyl-d14	20.08	244	570745	73.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	53	0.08	ng	#	1
4) n-Nitrosodimethylamine	3.78	42	307	0.80	ng	#	1
9) Benzaldehyde	7.28	77	218	0.19	ng	#	7
10) Phenol	7.30	94	724	0.34	ng	#	8
15) Benzyl Alcohol	8.44	79	1718	1.28	ng	#	52
24) Nitrobenzene	9.29	77	145	0.09	ng	#	43
25) Isophorone	9.85	82	806	0.20	ng	#	67
31) Naphthalene	10.96	128	55	0.01	ng	#	71
45) 1,1'-Biphenyl	13.37	154	468	0.08	ng	#	1
49) Dimethylphthalate	14.19	163	48070	7.78	ng		96
50) 2,6-Dinitrotoluene	14.19	165	470	0.35	ng	#	36
51) Acenaphthene	14.75	154	153	0.03	ng	#	4
62) Azobenzene	16.23	77	366	0.07	ng	#	15
65) n-Nitrosodiphenylamine	16.23	169	3156	0.61	ng	#	36
73) Di-n-butylphthalate	18.44	149	1487	0.12	ng	#	78
77) Pyrene	20.08	202	1758	0.15	ng	#	70
79) Butylbenzylphthalate	20.77	149	131	0.02	ng	#	23
80) Benzo(a)anthracene	21.76	228	719	0.07	ng	#	51
82) Chrysene	21.81	228	472	0.05	ng	#	48
83) Bis(2-ethylhexyl)phthalate	21.62	149	493	0.06	ng	#	52
84) Di-n-octyl phthalate	22.85	149	209	0.02	ng	#	1
87) Benzo(b)fluoranthene	24.02	252	93	0.01	ng	#	60
88) Benzo(k)fluoranthene	24.09	252	61	0.01	ng	#	59
89) Benzo(a)pyrene	24.92	252	197	0.02	ng	#	60
91) Benzo(g,h,i)perylene	30.02	276	65	0.01	ng	#	53

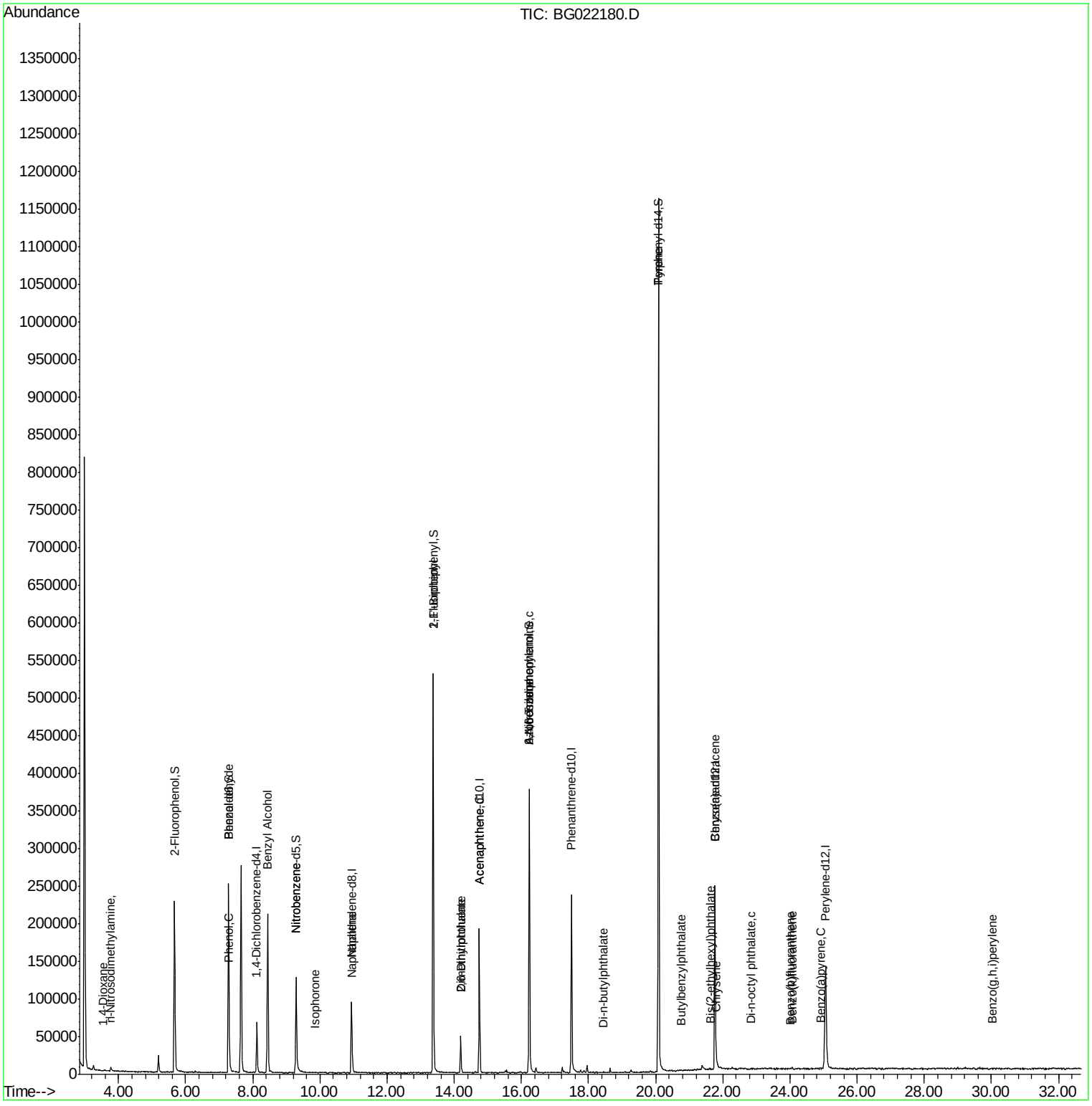
(#) = qualifier out of range (m) = manual integration (+) = signals summed

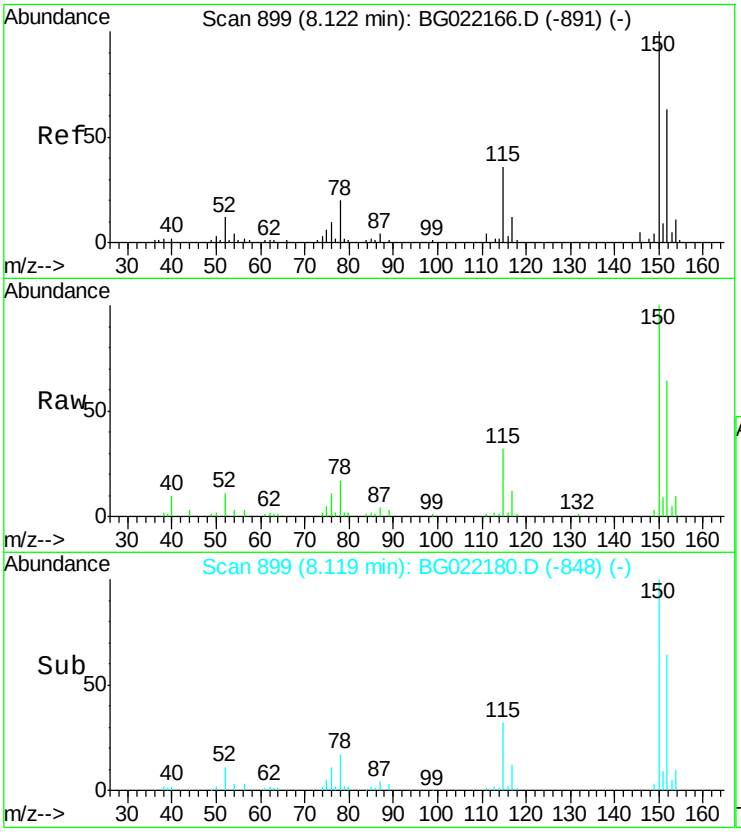
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022180.D
Acq On : 6 Jun 2016 22:27
Operator : UM/SJ
Sample : H3404-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Quant Time: Jun 07 03:22:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration



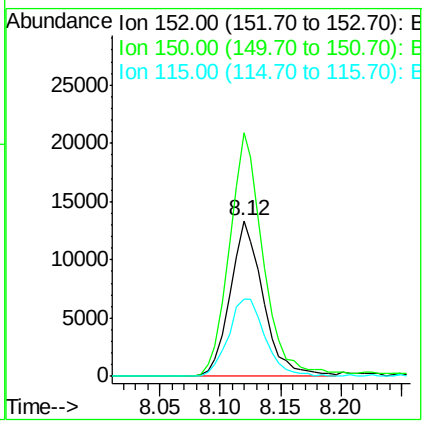


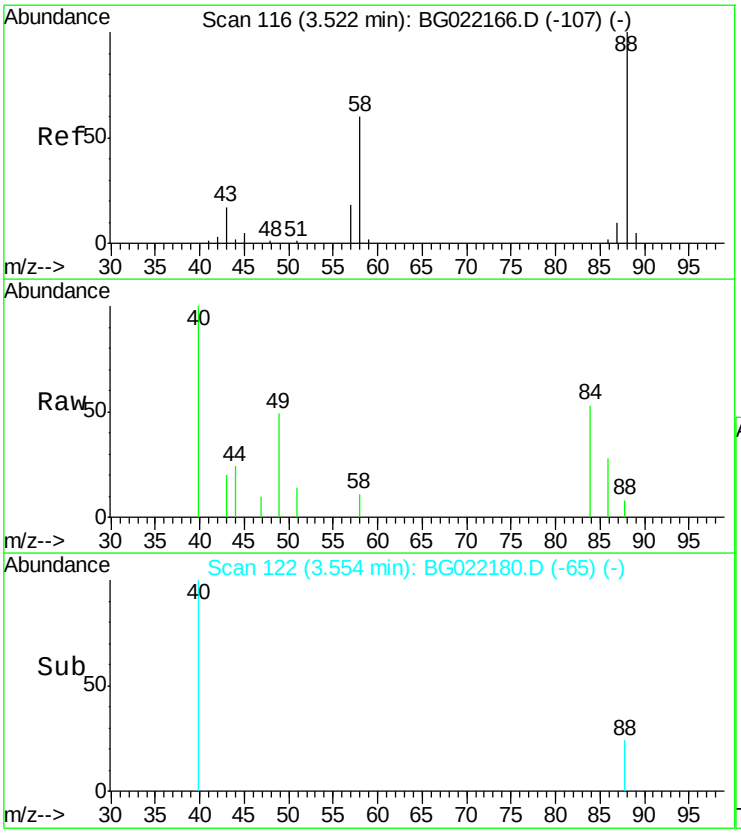
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:152 Resp: 25558

Ion	Ratio	Lower	Upper
152	100		
150	156.4	130.1	195.1
115	49.3	62.2	93.2#

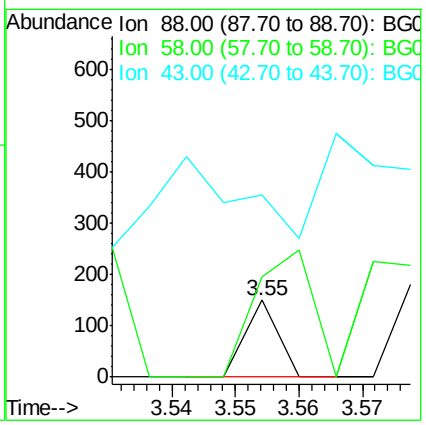


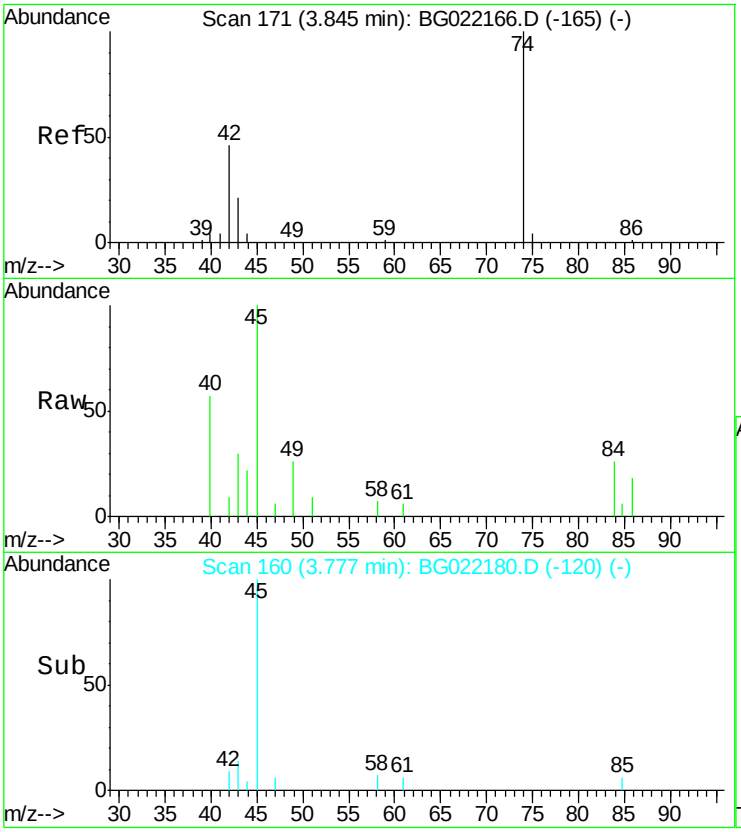


#2
1,4-Dioxane
Concen: 0.08 ng
RT: 3.55 min Scan# 122
Delta R.T. 0.03 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion: 88 Resp: 53

Ion	Ratio	Lower	Upper
88	100		
58	296.2	36.8	55.2#
43	307.5	10.4	15.6#



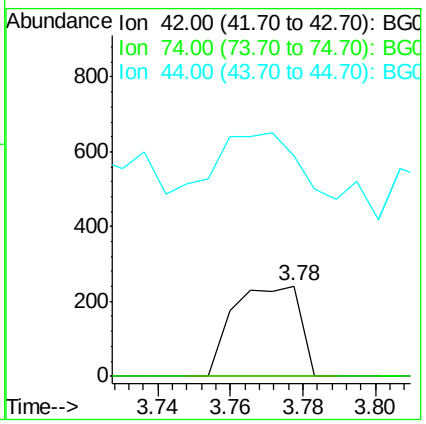


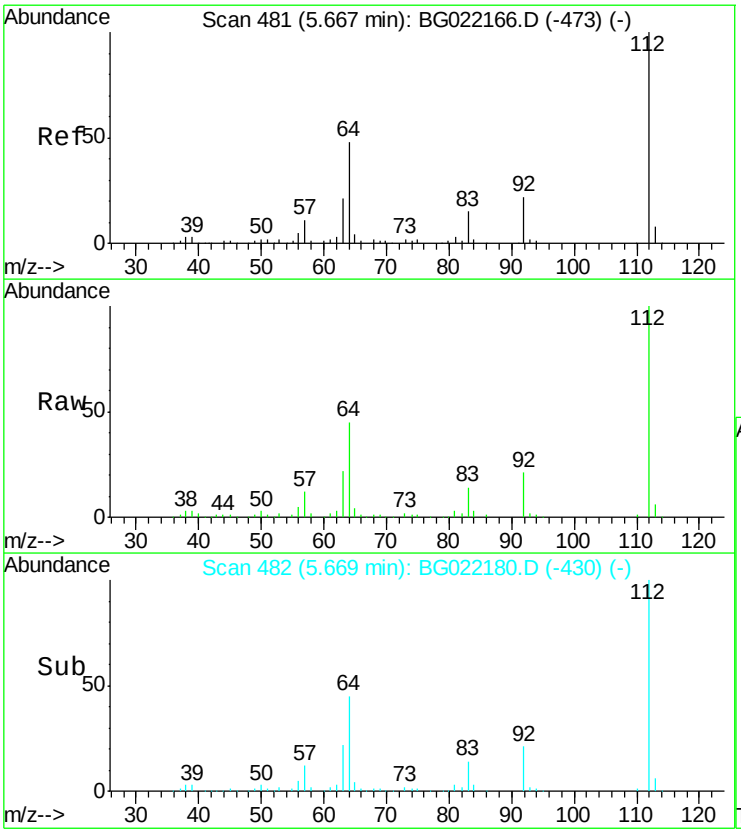
#4
n-Nitrosodimethylamine
Concen: 0.80 ng
RT: 3.78 min Scan# 160
Delta R.T. -0.07 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion: 42 Resp: 307

Ion	Ratio	Lower	Upper
42	100		
74	0.0	184.0	276.0#
44	245.2	11.0	16.6#

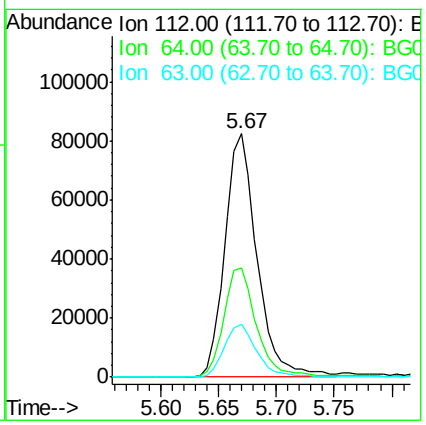


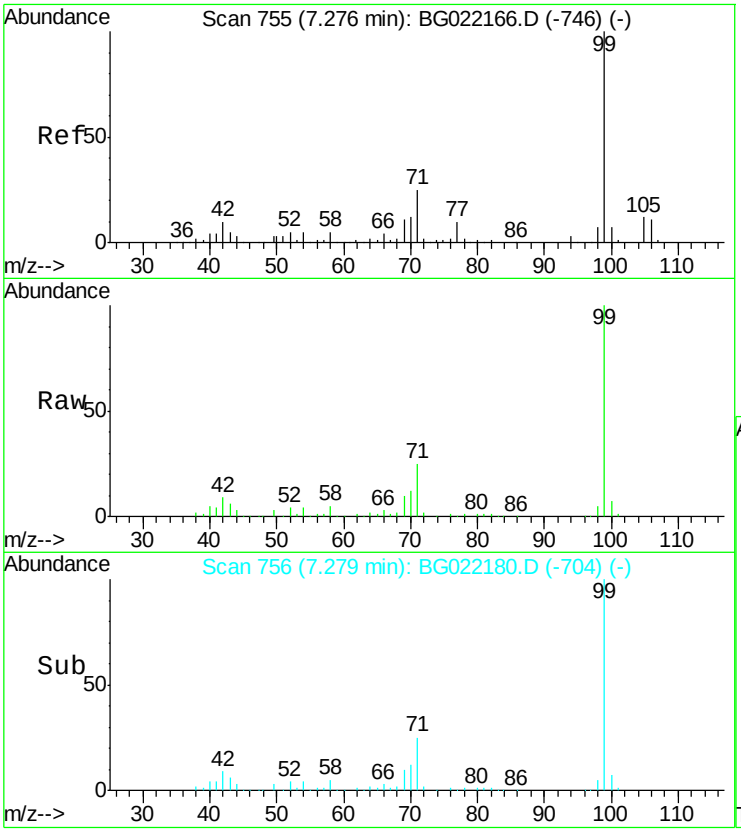


#5
2-Fluorophenol
Concen: 120.32 ng
RT: 5.67 min Scan# 482
Delta R.T. 0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion:112 Resp: 159048

Ion	Ratio	Lower	Upper
112	100		
64	45.1	51.1	76.7#
63	21.8	24.6	37.0#



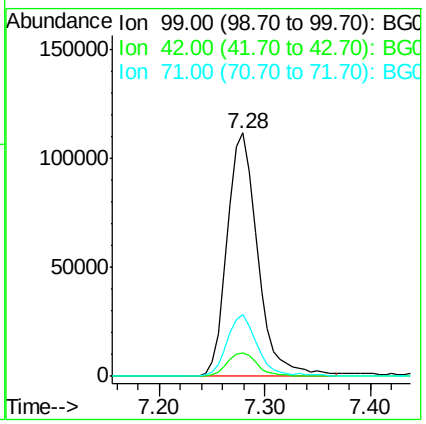


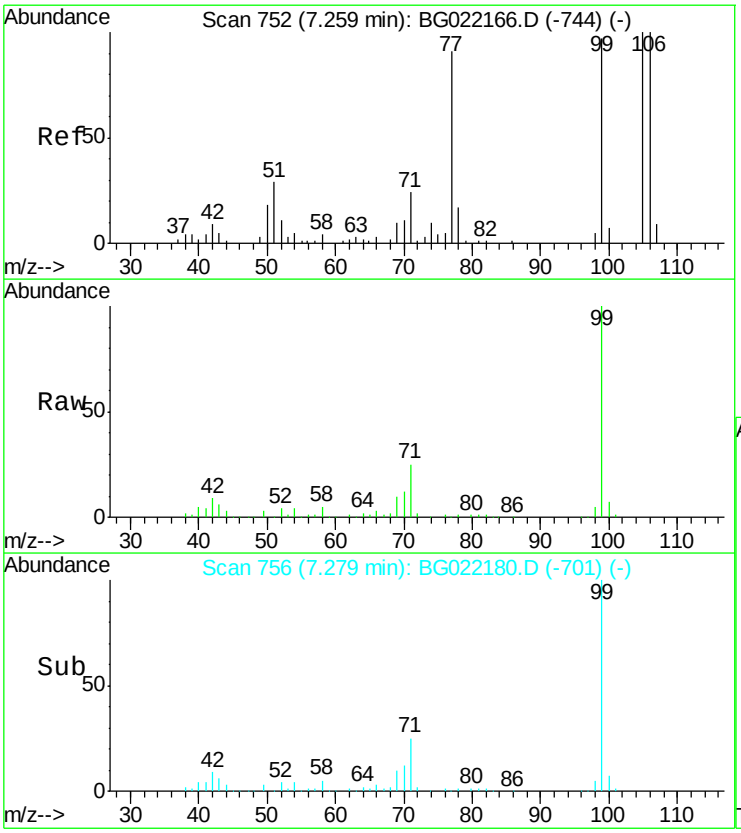
#7
Phenol-d6
Concen: 108.21 ng
RT: 7.28 min Scan# 756
Delta R.T. 0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion: 99 Resp: 224891

Ion	Ratio	Lower	Upper
99	100		
42	9.5	16.4	24.6#
71	25.5	25.0	37.4

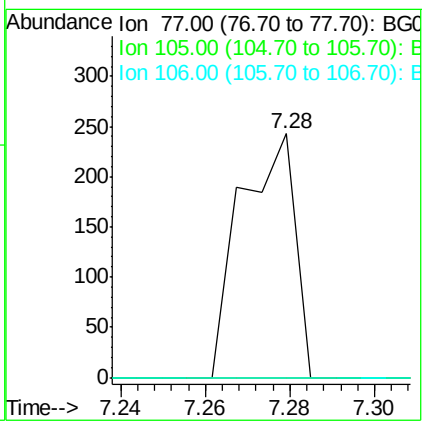


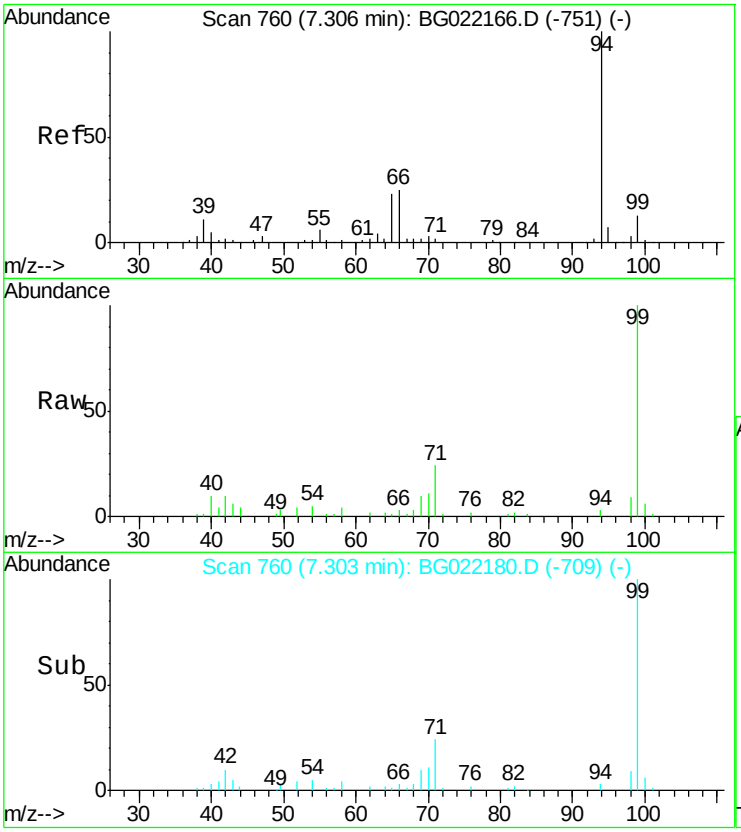


#9
Benzaldehyde
Concen: 0.19 ng
RT: 7.28 min Scan# 756
Delta R.T. 0.02 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion: 77 Resp: 218

Ion	Ratio	Lower	Upper
77	100		
105	0.0	62.1	102.1#
106	0.0	65.6	105.6#



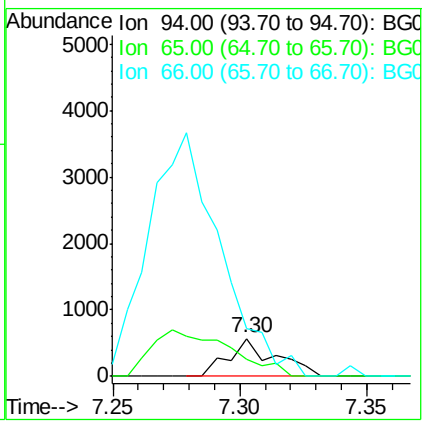


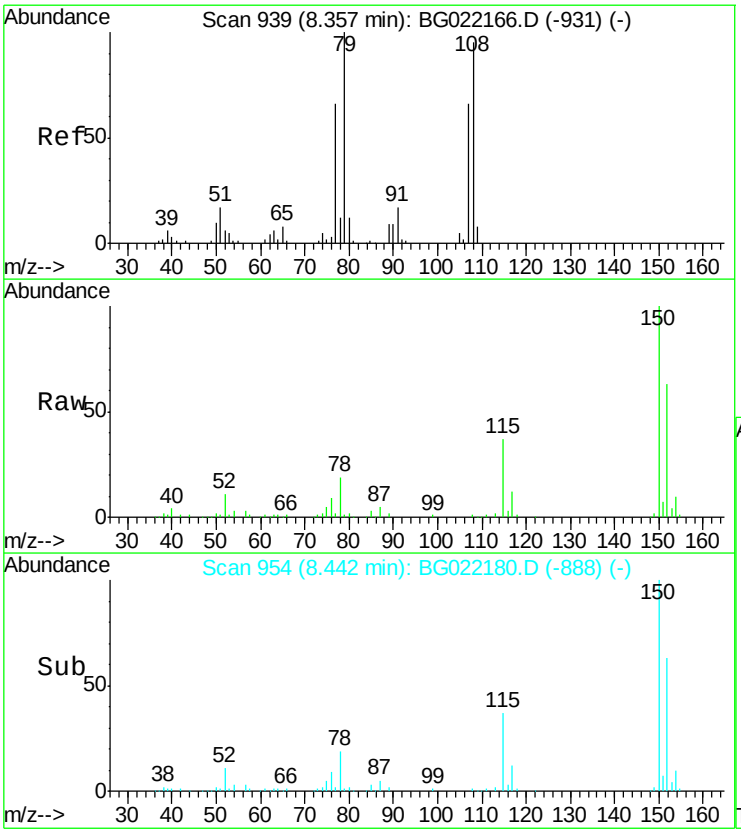
#10
Phenol
Concen: 0.34 ng
RT: 7.30 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion: 94 Resp: 724

Ion	Ratio	Lower	Upper
94	100		
65	45.4	9.8	49.8
66	126.4	20.8	60.8#

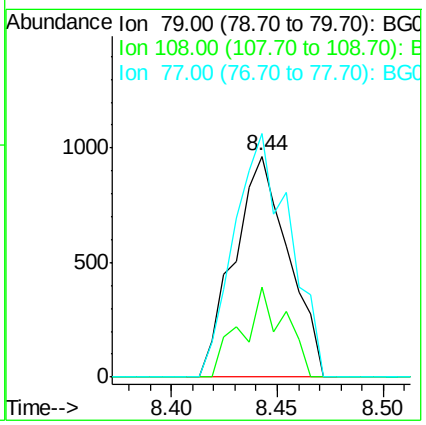


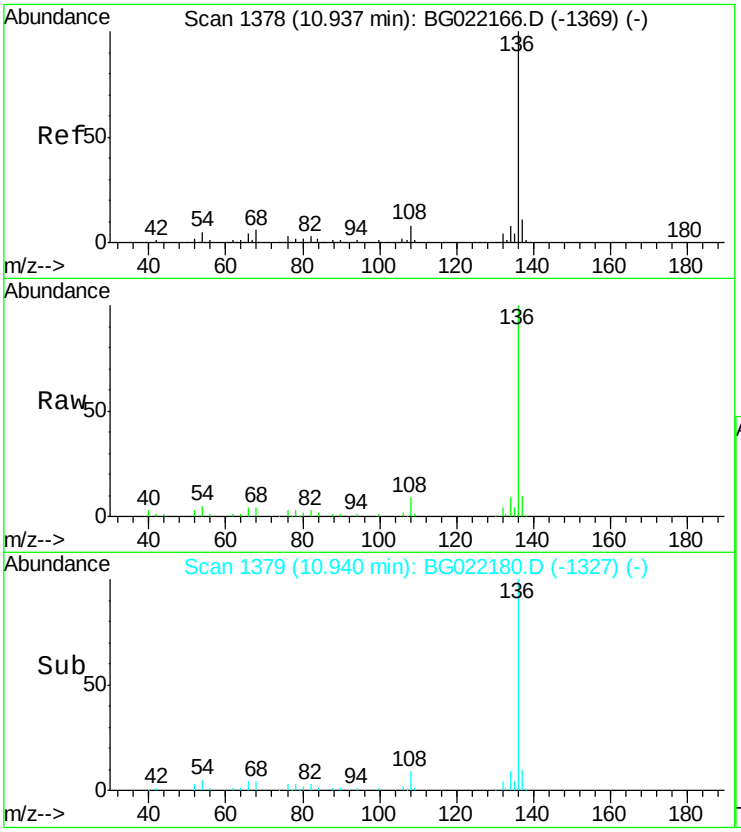


#15
Benzyl Alcohol
Concen: 1.28 ng
RT: 8.44 min Scan# 954
Delta R.T. 0.08 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion: 79 Resp: 1718

Ion	Ratio	Lower	Upper
79	100		
108	40.8	59.4	89.0#
77	110.2	52.2	78.2#



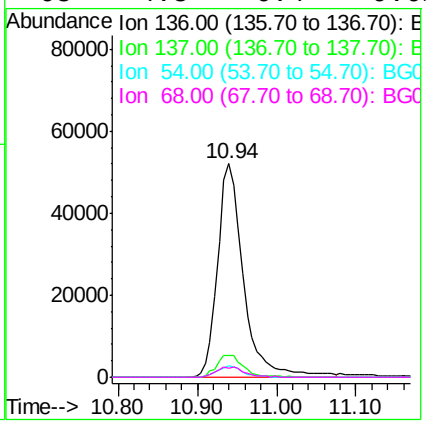


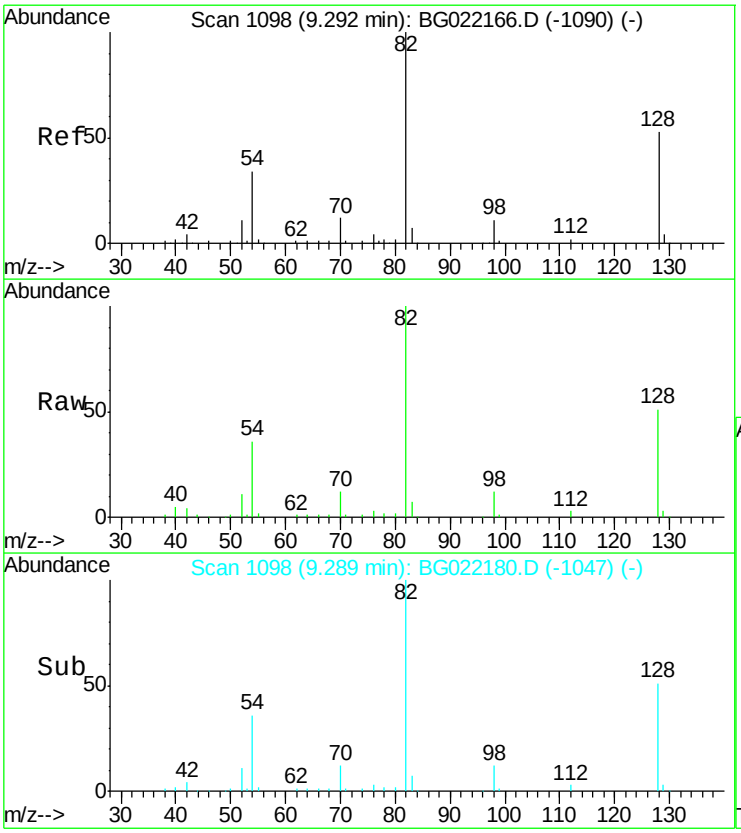
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:136 Resp: 117778

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	5.5	9.6	14.4#
68	4.3	6.4	9.6#

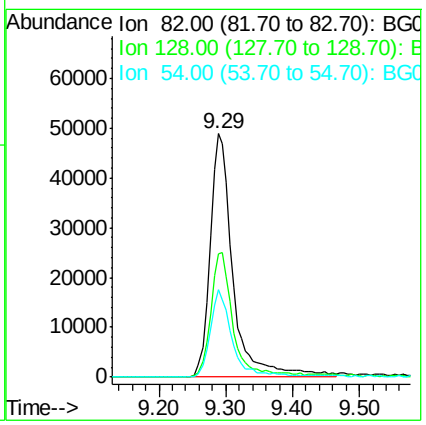


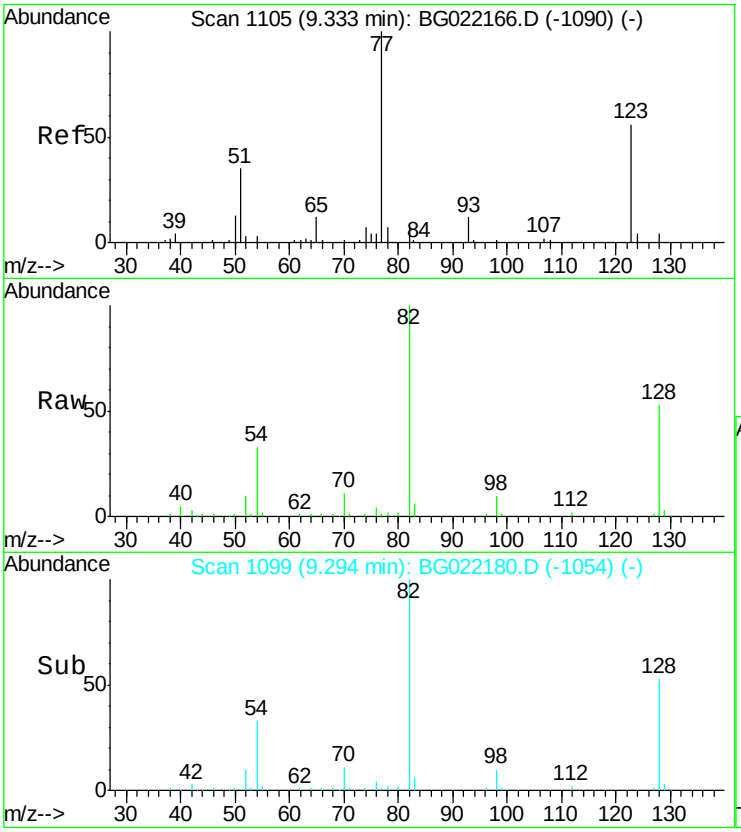


#23
Nitrobenzene-d5
Concen: 69.83 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion: 82 Resp: 117963

Ion	Ratio	Lower	Upper
82	100		
128	50.5	33.4	50.0#
54	35.7	46.1	69.1#



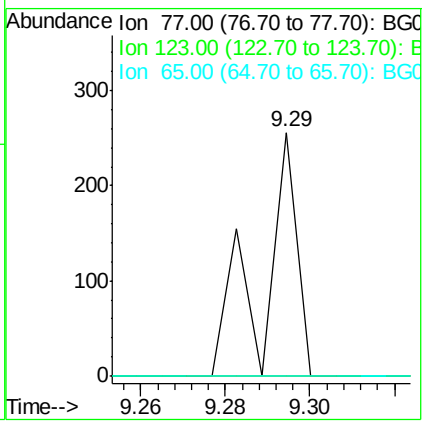


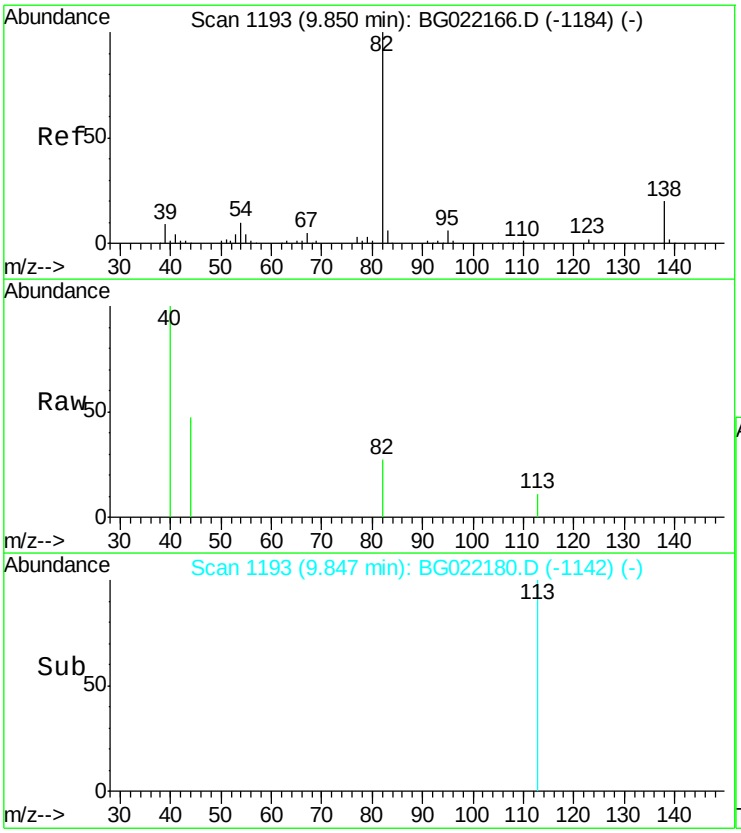
#24
Nitrobenzene
Concen: 0.09 ng
RT: 9.29 min Scan# 1099
Delta R.T. -0.04 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion: 77 Resp: 145

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.2	48.4#
65	0.0	10.3	15.5#

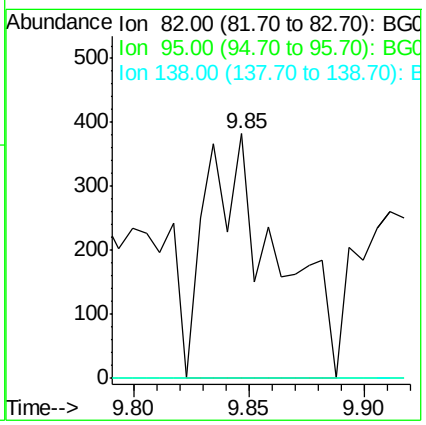


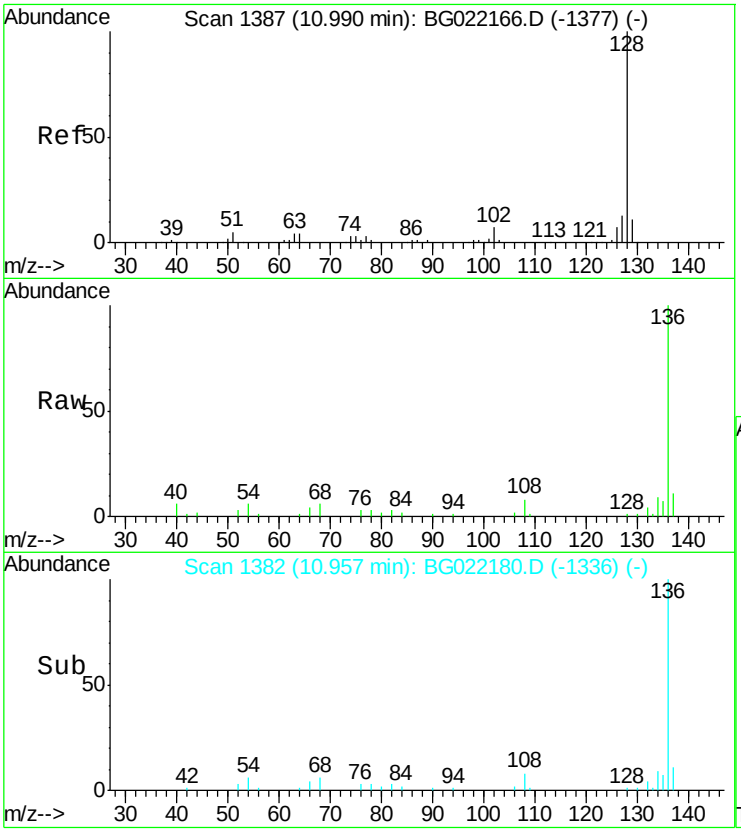


#25
Isophorone
Concen: 0.20 ng
RT: 9.85 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion: 82 Resp: 806

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	13.4	20.0#



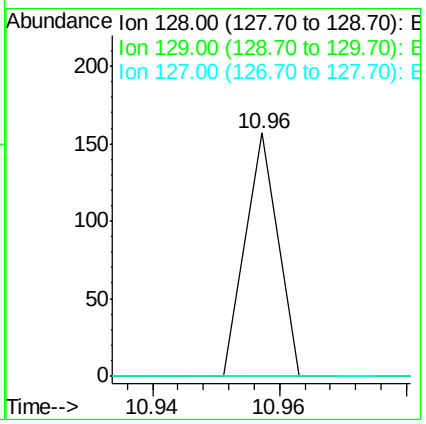


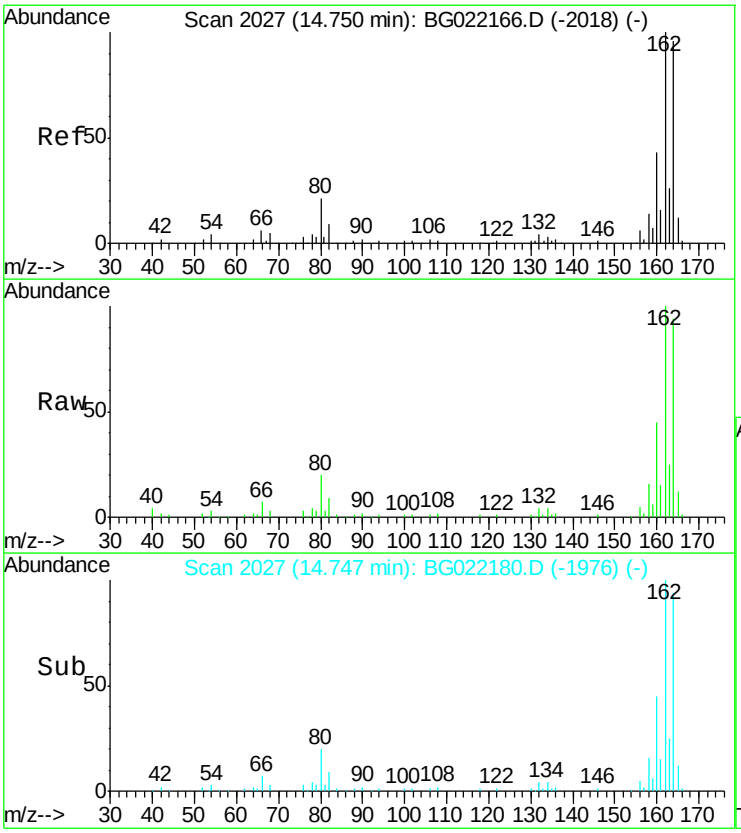
#31
Naphthalene
Concen: 0.01 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.03 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:128 Resp: 55

Ion	Ratio	Lower	Upper
128	100		
129	0.0	7.0	10.6#
127	0.0	10.1	15.1#

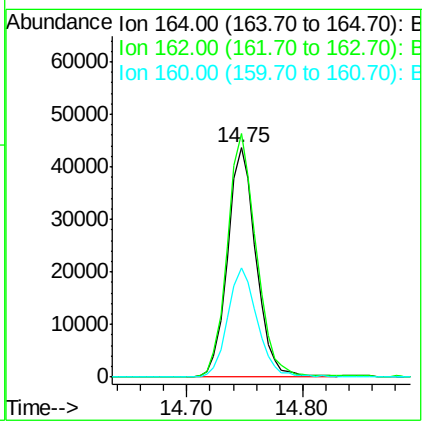


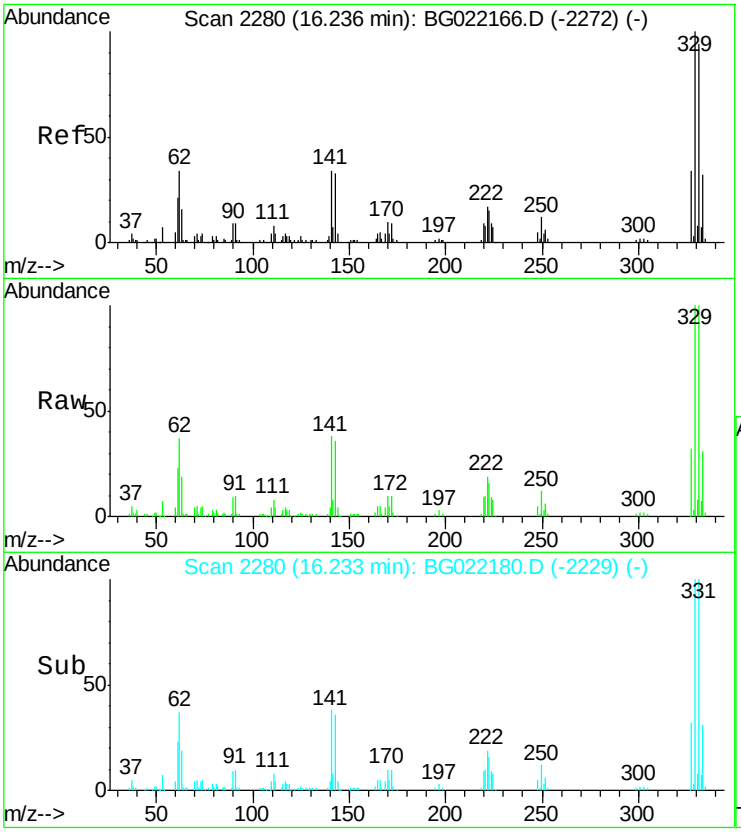


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion:164 Resp: 74525

Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.0	117.0
160	47.5	32.9	49.3



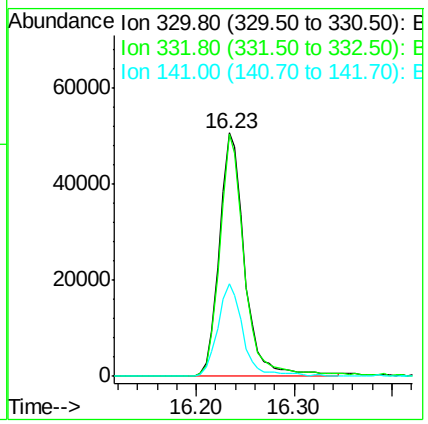


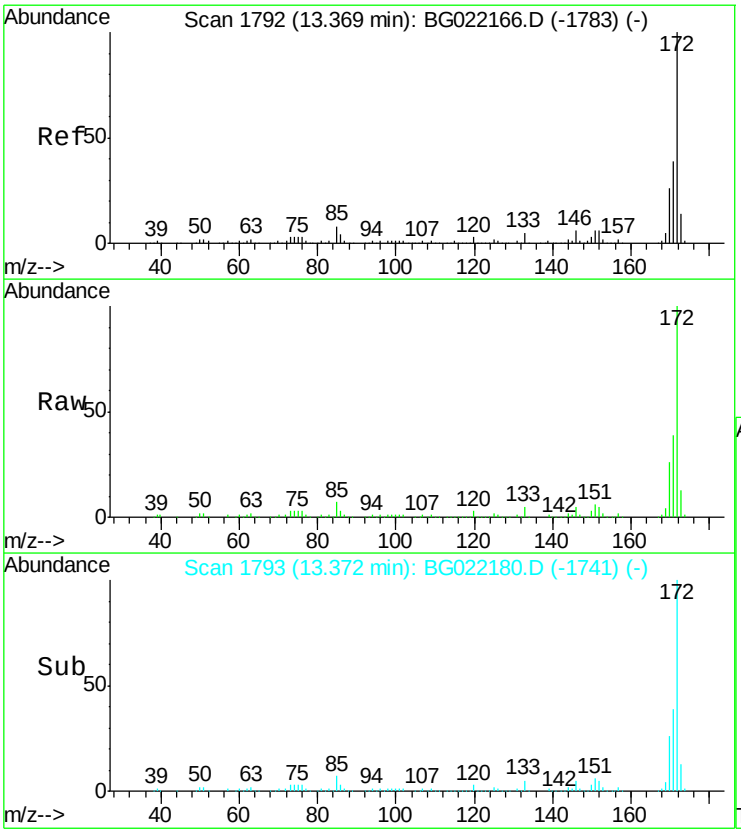
#41
2,4,6-Tribromophenol
Concen: 107.85 ng
RT: 16.23 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:330 Resp: 90818

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.0	117.0
141	37.8	33.8	50.8

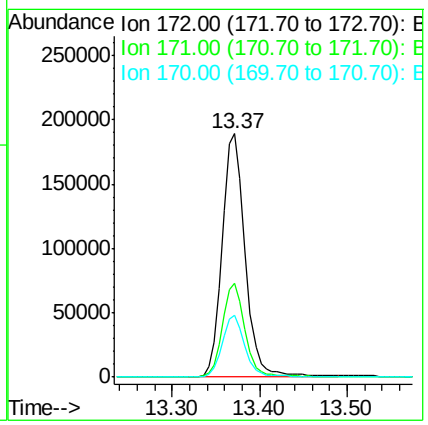


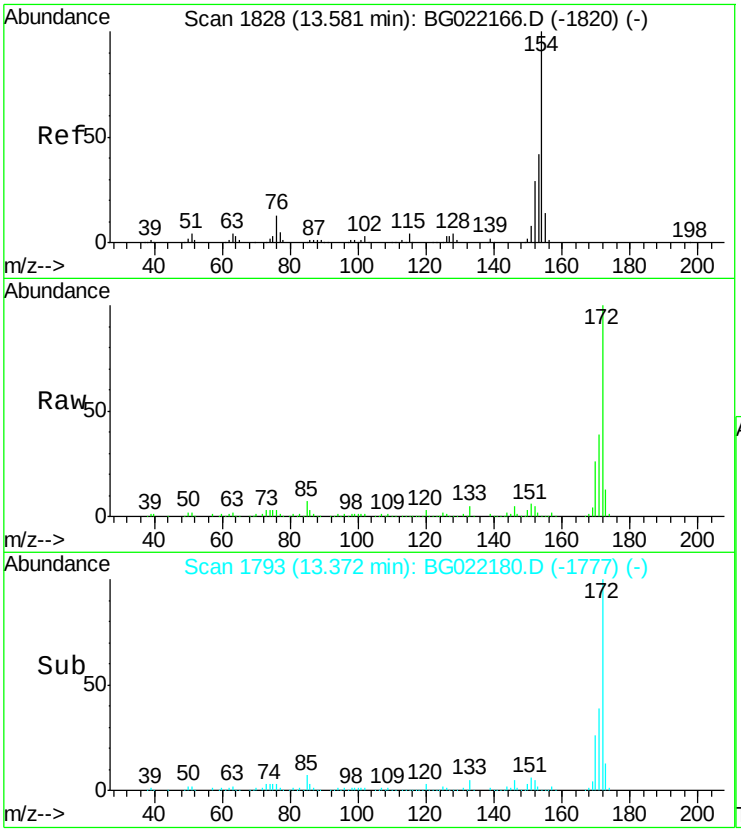


#44
2-Fluorobiphenyl
Concen: 70.61 ng
RT: 13.37 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion:172 Resp: 345306

Ion	Ratio	Lower	Upper
172	100		
171	38.7	27.8	41.6
170	25.5	19.6	29.4



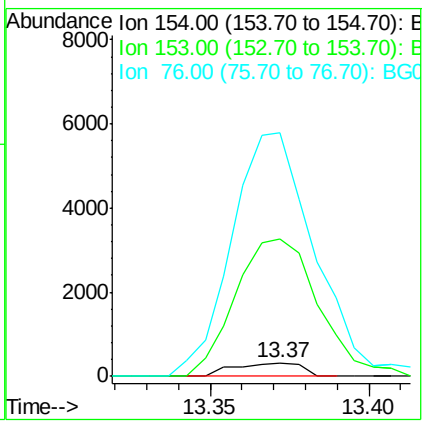


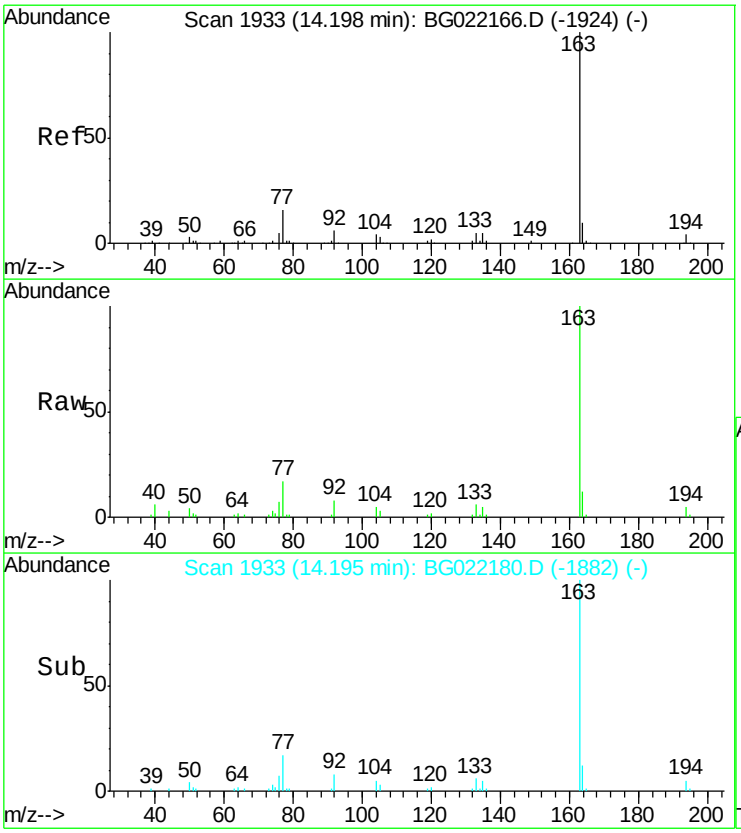
#45
1,1'-Biphenyl
Concen: 0.08 ng
RT: 13.37 min Scan# 1793
Delta R.T. -0.21 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:154 Resp: 468

Ion	Ratio	Lower	Upper
154	100		
153	1006.8	19.7	59.7#
76	1791.6	0.0	33.0#

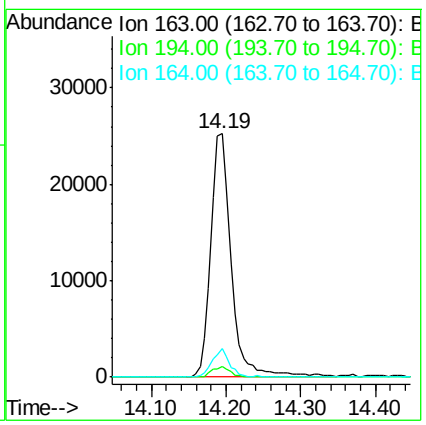


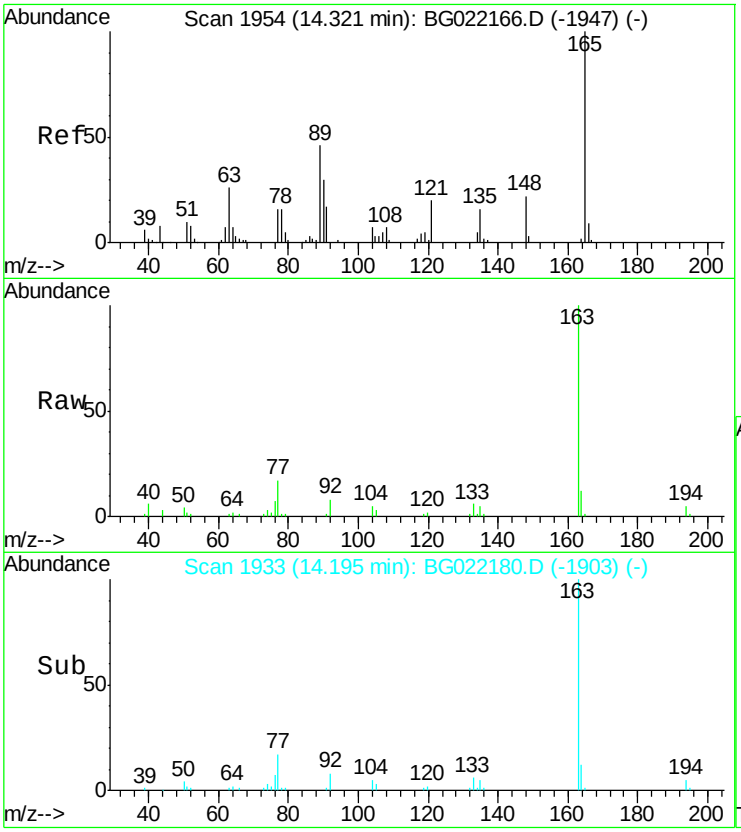


#49
Dimethylphthalate
Concen: 7.78 ng
RT: 14.19 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion:163 Resp: 48070

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	11.9	8.1	12.1



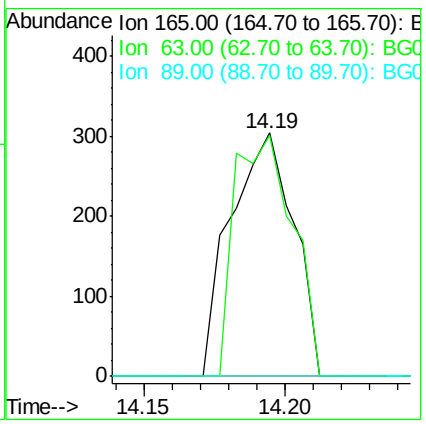


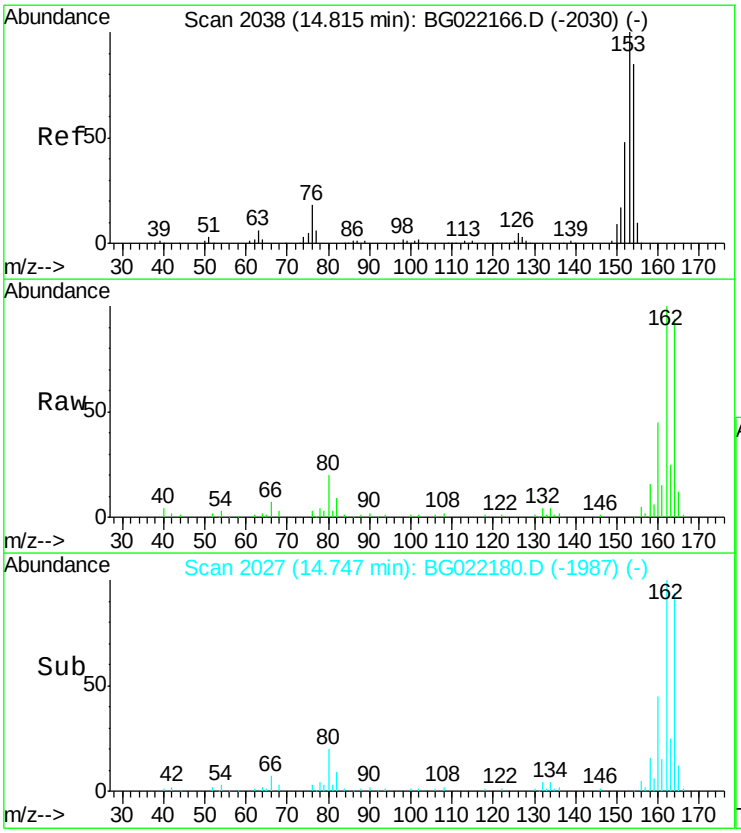
#50
2,6-Dinitrotoluene
Concen: 0.35 ng
RT: 14.19 min Scan# 1933
Delta R.T. -0.13 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:165 Resp: 470

Ion	Ratio	Lower	Upper
165	100		
63	99.0	48.2	72.4#
89	0.0	45.3	67.9#

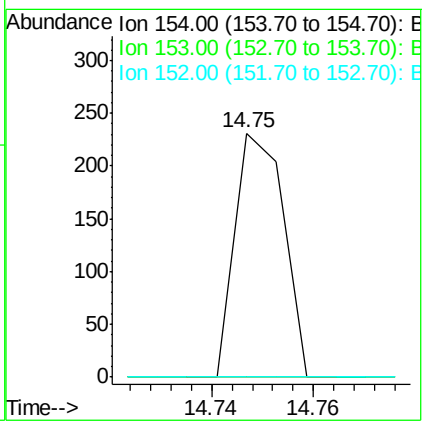


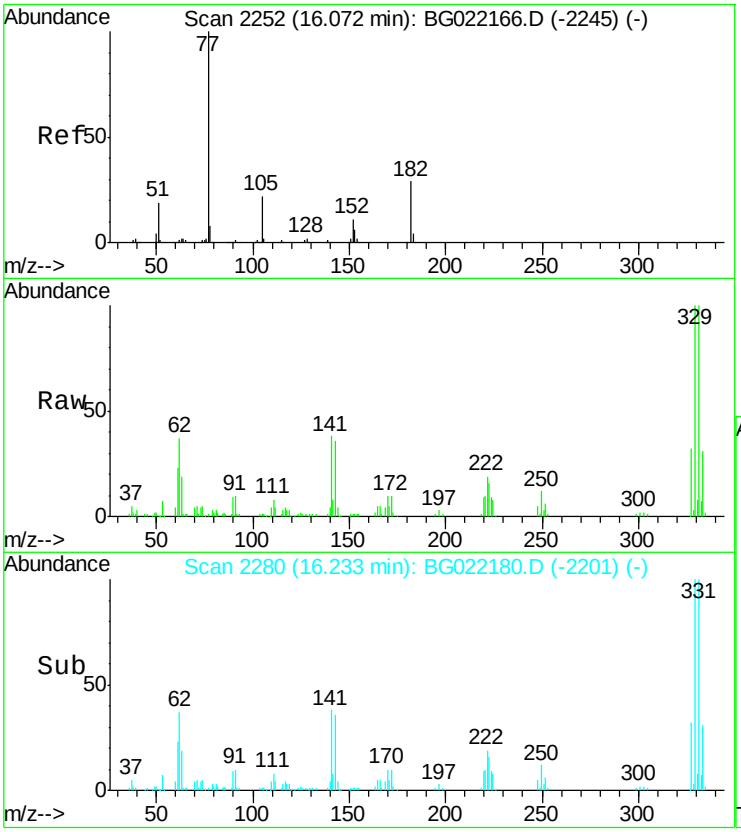


#51
Acenaphthene
Concen: 0.03 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.07 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion:154 Resp: 153

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.9	137.9#
152	0.0	42.0	63.0#



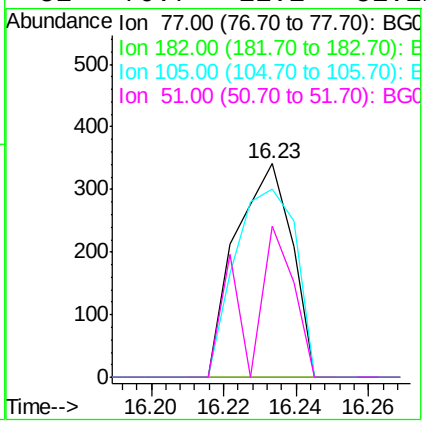


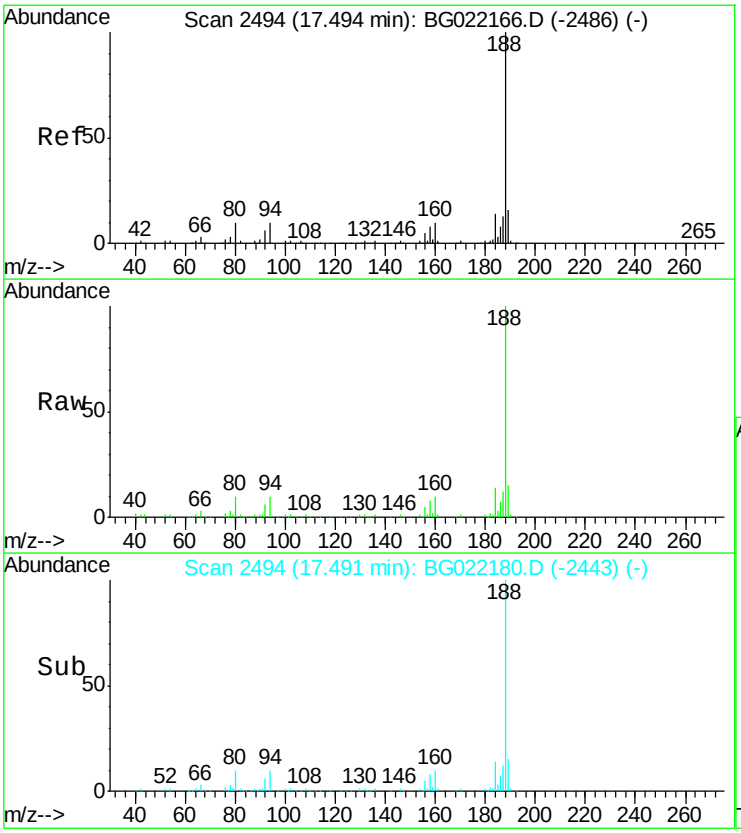
#62
Azobenzene
Concen: 0.07 ng
RT: 16.23 min Scan# 2280
Delta R.T. 0.16 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion: 77 Resp: 366

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.1	44.1#
105	88.0	0.0	39.8#
51	70.7	11.1	51.1#

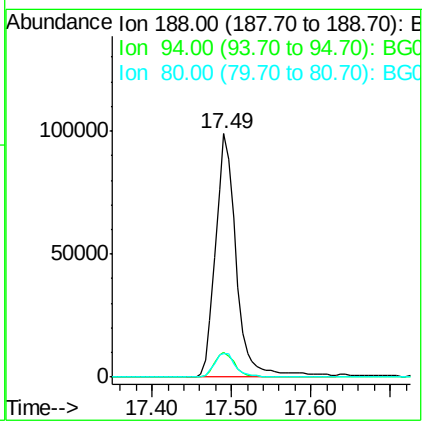


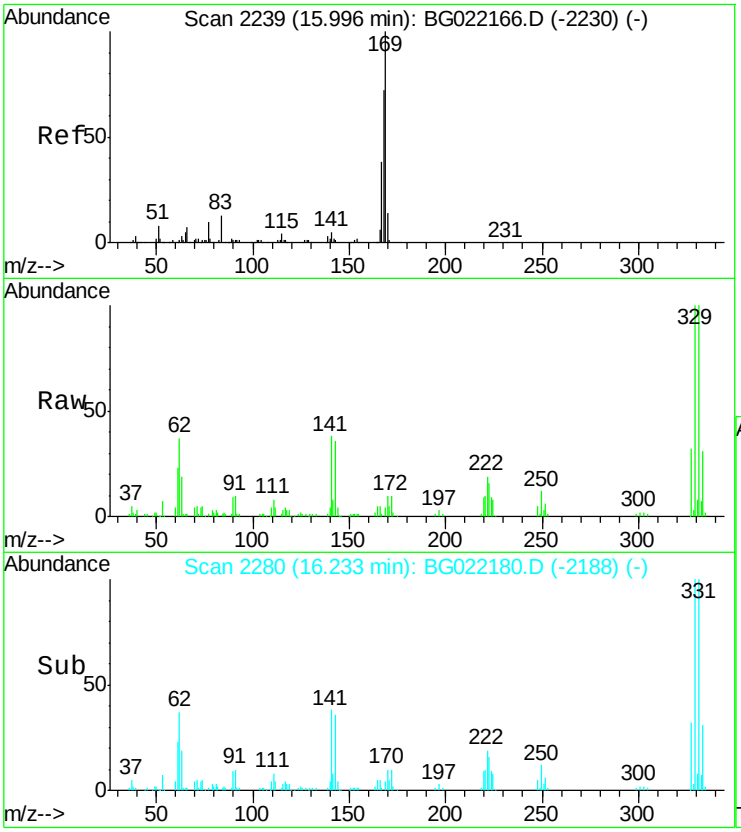


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion:188 Resp: 180744

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.5	11.3
80	9.9	8.6	13.0



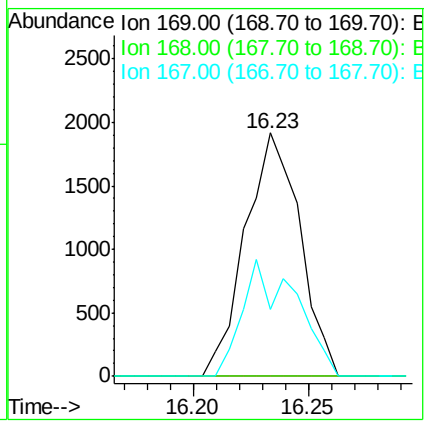


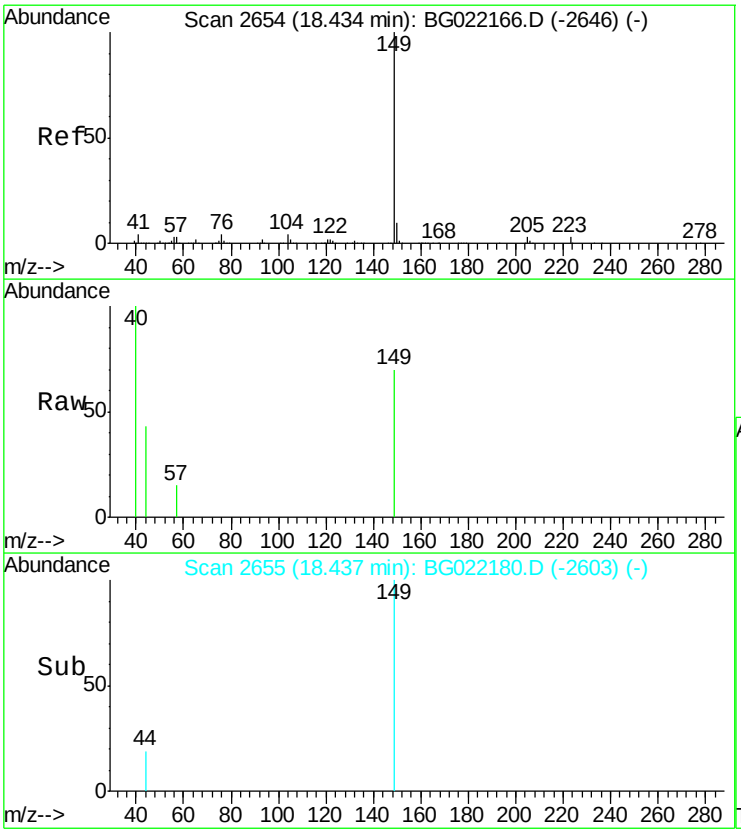
#65
n-Nitrosodiphenylamine
Concen: 0.61 ng
RT: 16.23 min Scan# 2280
Delta R.T. 0.24 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:169 Resp: 3156

Ion	Ratio	Lower	Upper
169	100		
168	0.0	59.6	89.4#
167	27.7	31.2	46.8#

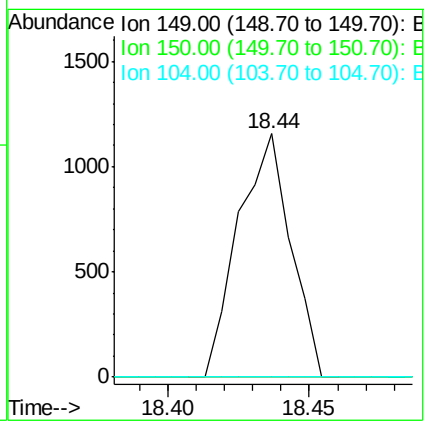


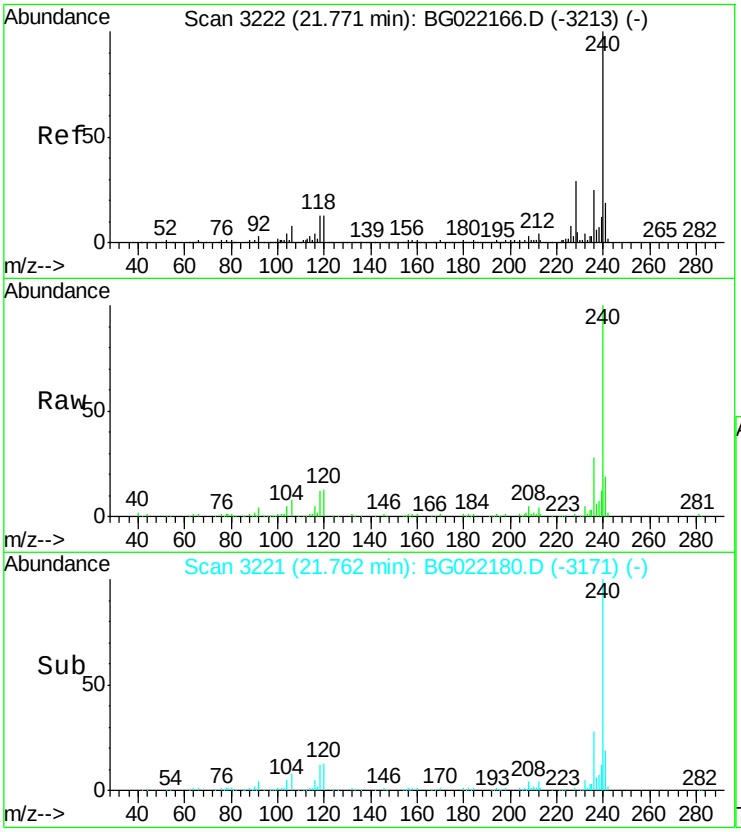


#73
Di-n-butylphthalate
Concen: 0.12 ng
RT: 18.44 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion:149 Resp: 1487

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.0#
104	0.0	4.0	6.0#



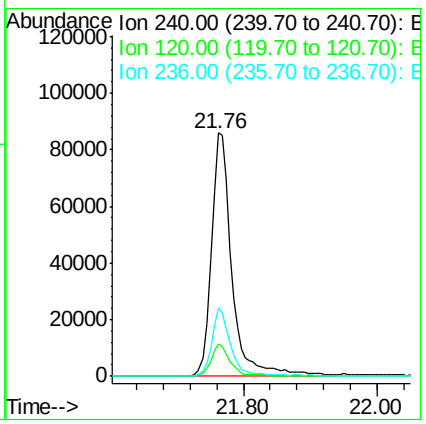


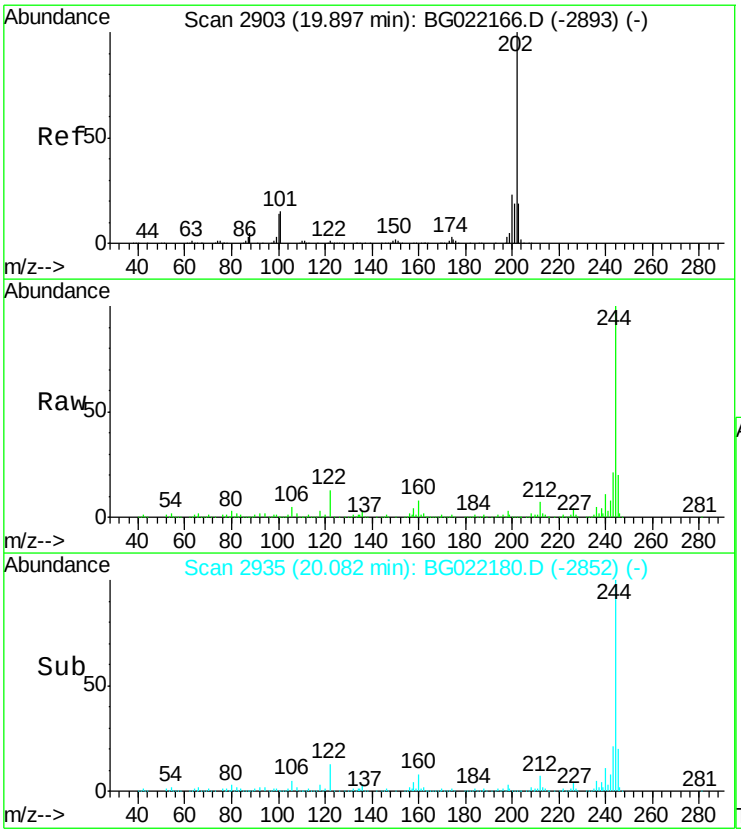
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:240 Resp: 185340

Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.4	12.6#
236	27.9	19.6	29.4

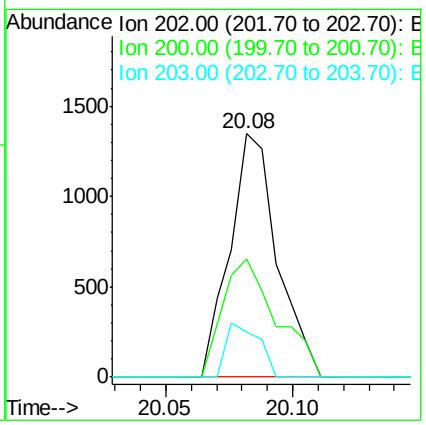


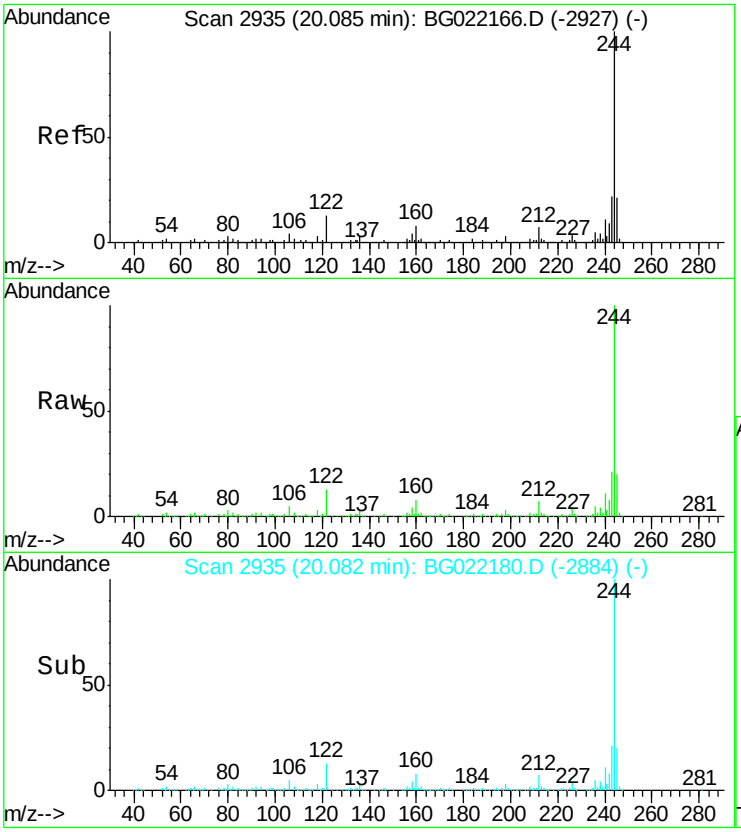


#77
Pyrene
Concen: 0.15 ng
RT: 20.08 min Scan# 2935
Delta R.T. 0.18 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion:202 Resp: 1758

Ion	Ratio	Lower	Upper
202	100		
200	48.5	18.2	27.2#
203	18.4	15.0	22.4



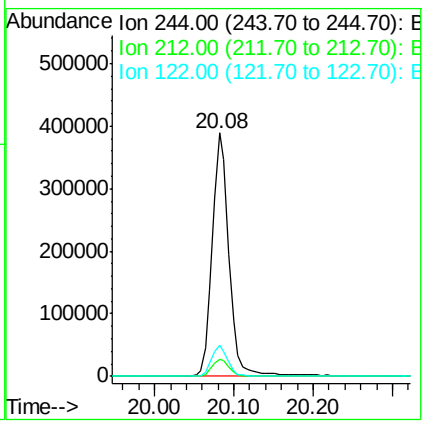


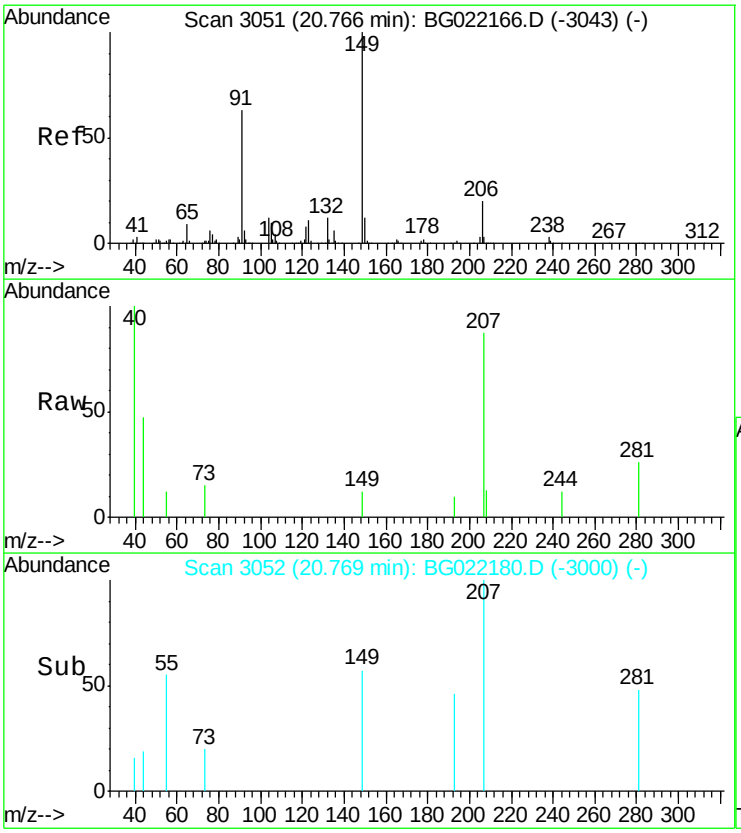
#78
Terphenyl-d14
Concen: 73.11 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:244 Resp: 570745

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	12.8	8.6	12.8

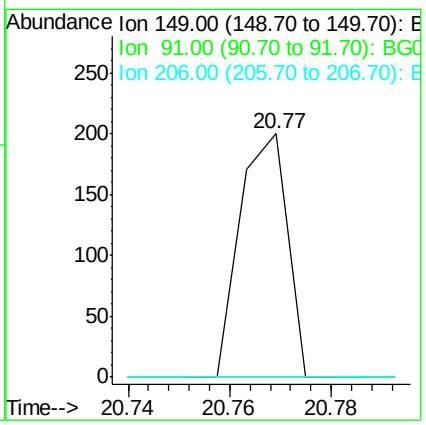


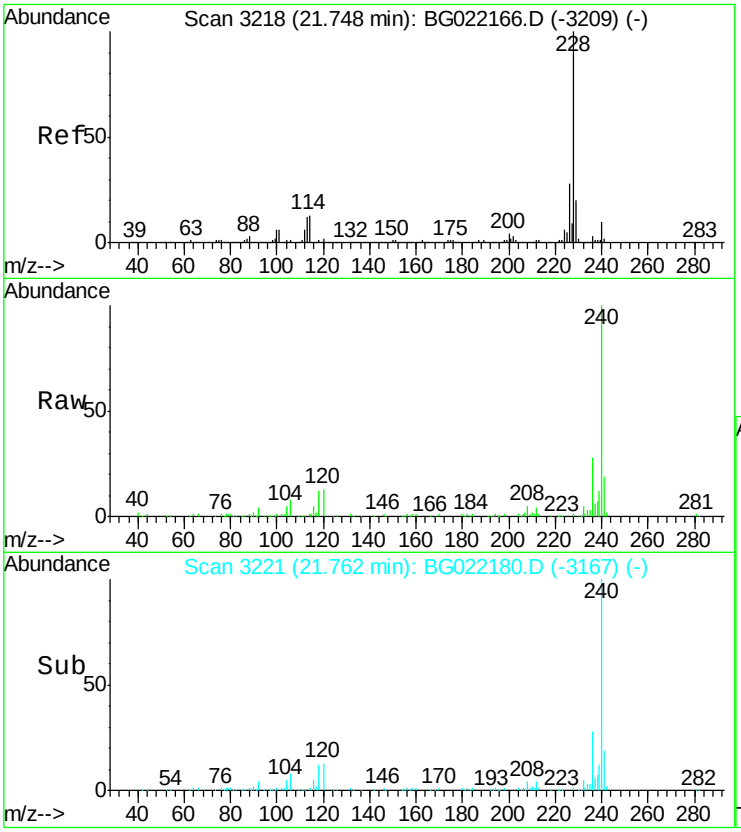


#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 20.77 min Scan# 3052
Delta R.T. 0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion:149 Resp: 131

Ion	Ratio	Lower	Upper
149	100		
91	0.0	57.8	86.8#
206	0.0	17.0	25.4#



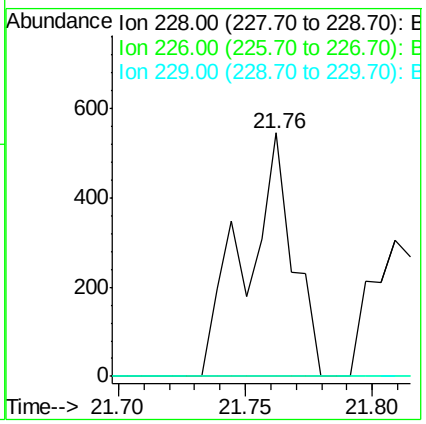


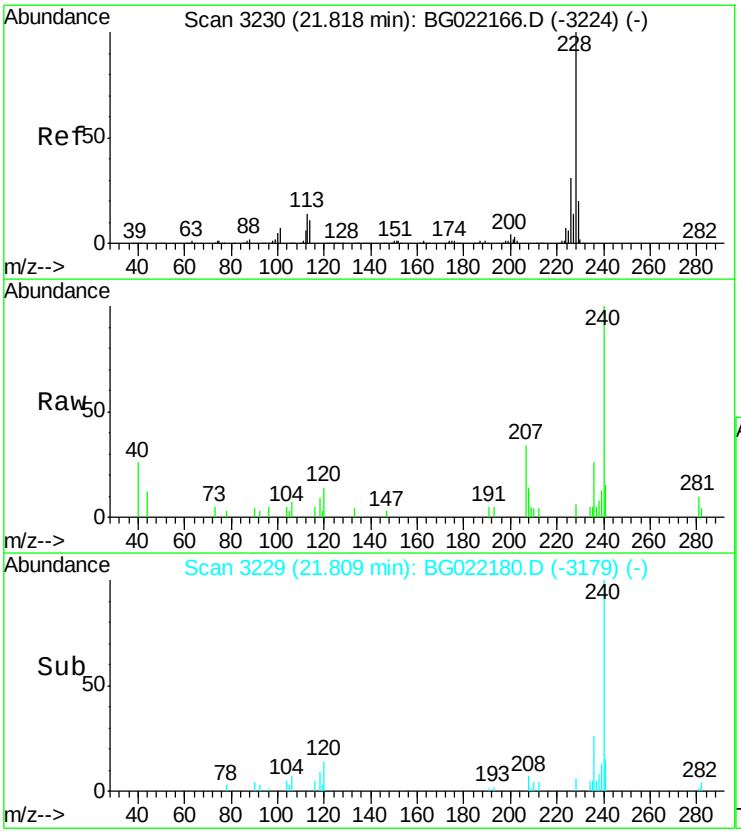
#80
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.76 min Scan# 3221
Delta R.T. 0.01 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:228 Resp: 719

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	34.0#
229	0.0	16.1	24.1#

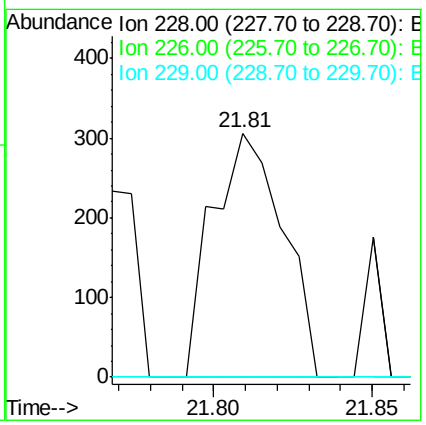


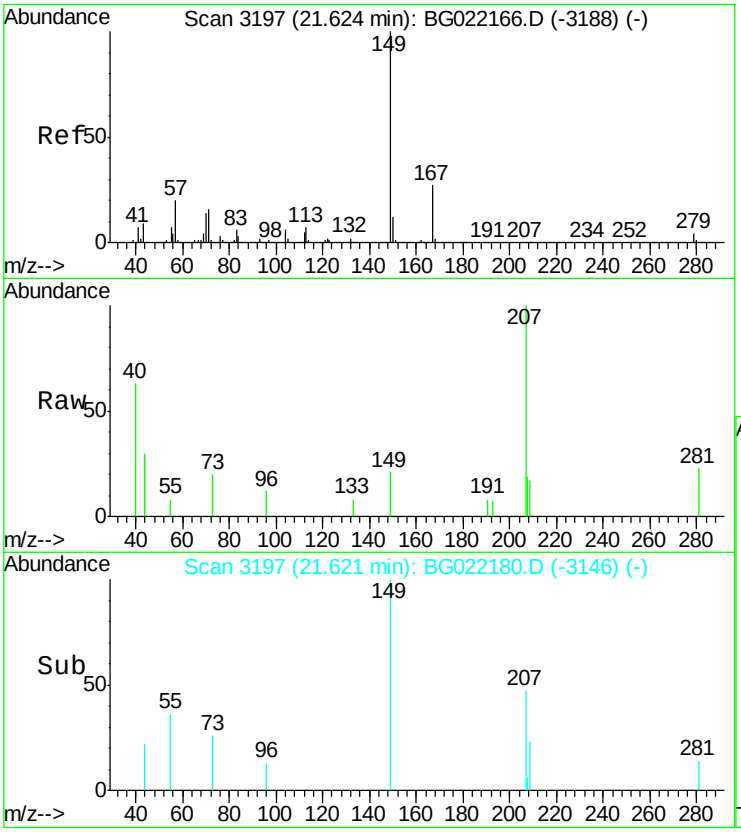


#82
Chrysene
Concen: 0.05 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.01 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion:228 Resp: 472

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.4	38.0#
229	0.0	15.9	23.9#



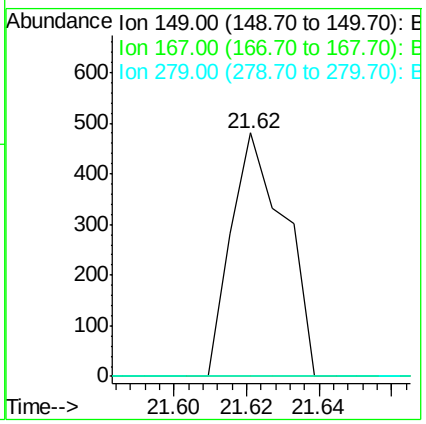


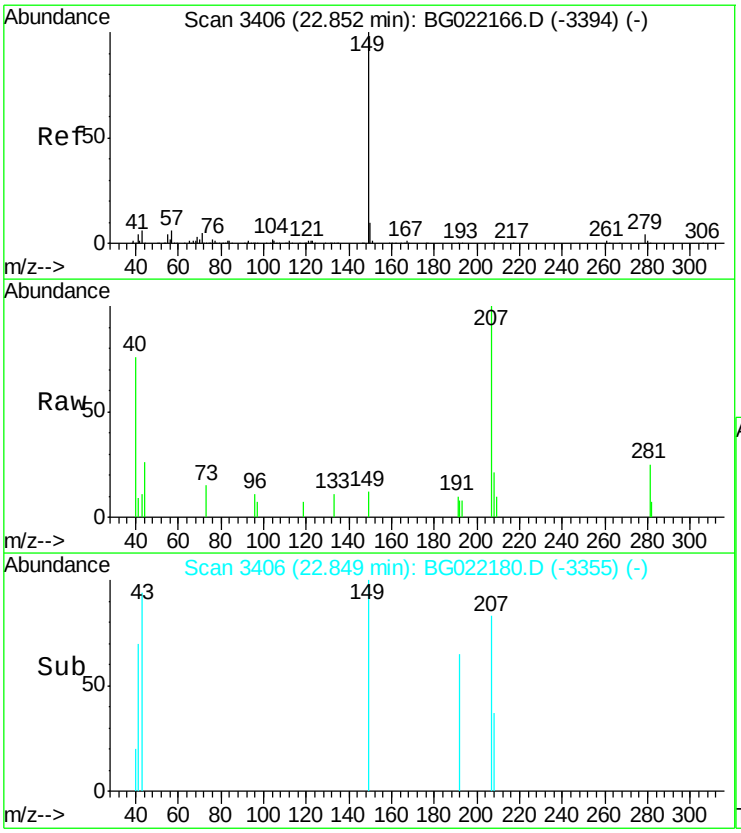
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.62 min Scan# 3197
Delta R.T. -0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:149 Resp: 493

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.4	33.6#
279	0.0	3.2	4.8#

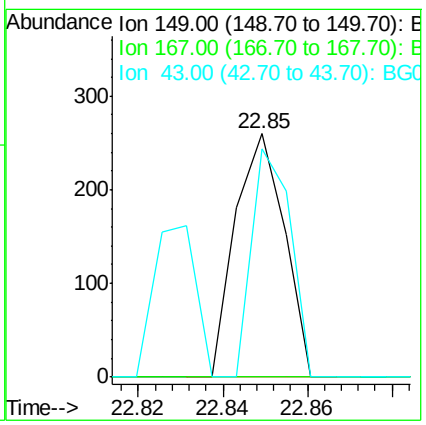


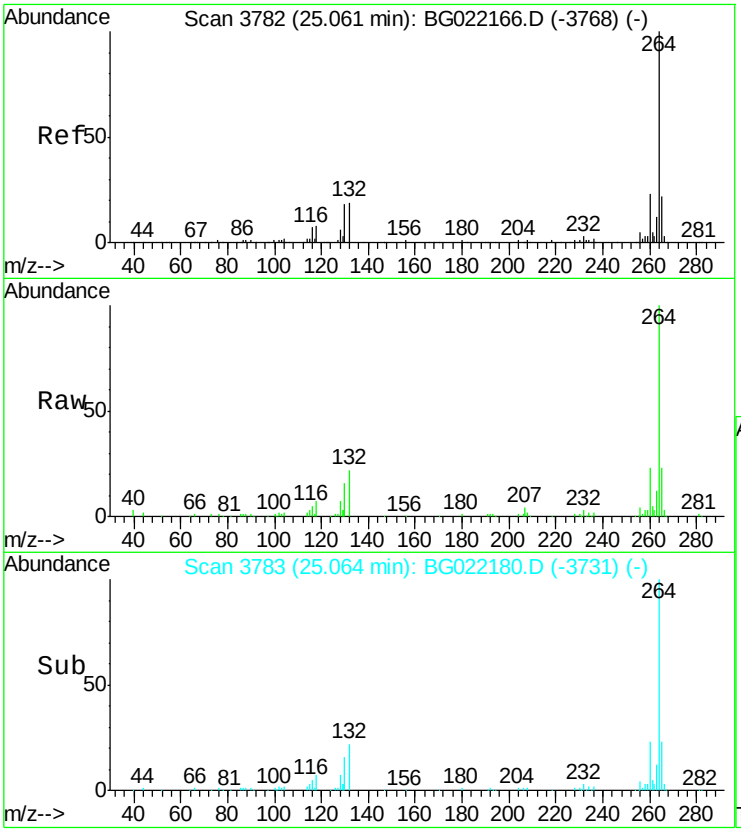


#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 22.85 min Scan# 3406
Delta R.T. -0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion:149 Resp: 209

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	74.6	9.8	14.6#



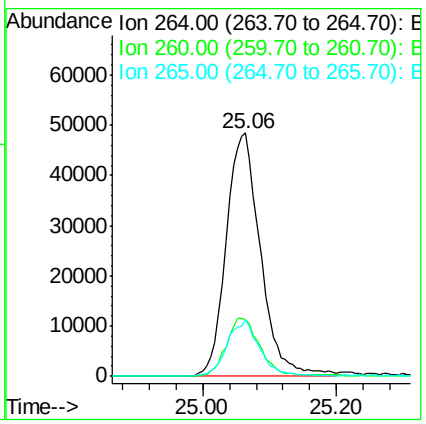


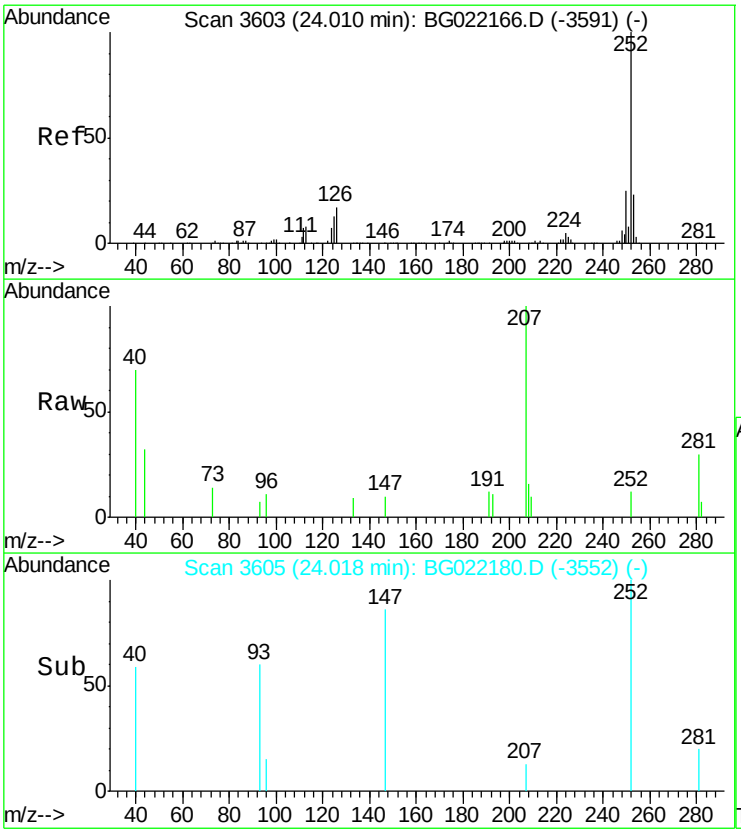
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3783
Delta R.T. 0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:264 Resp: 173359

Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.2	30.4
265	23.2	17.8	26.8

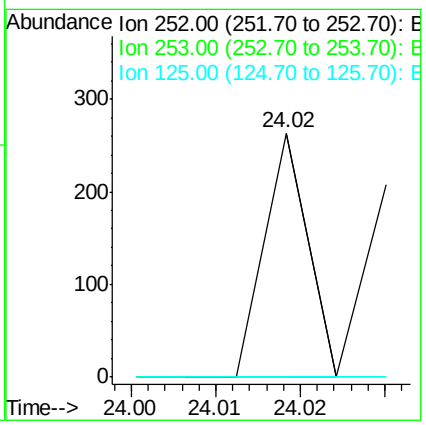


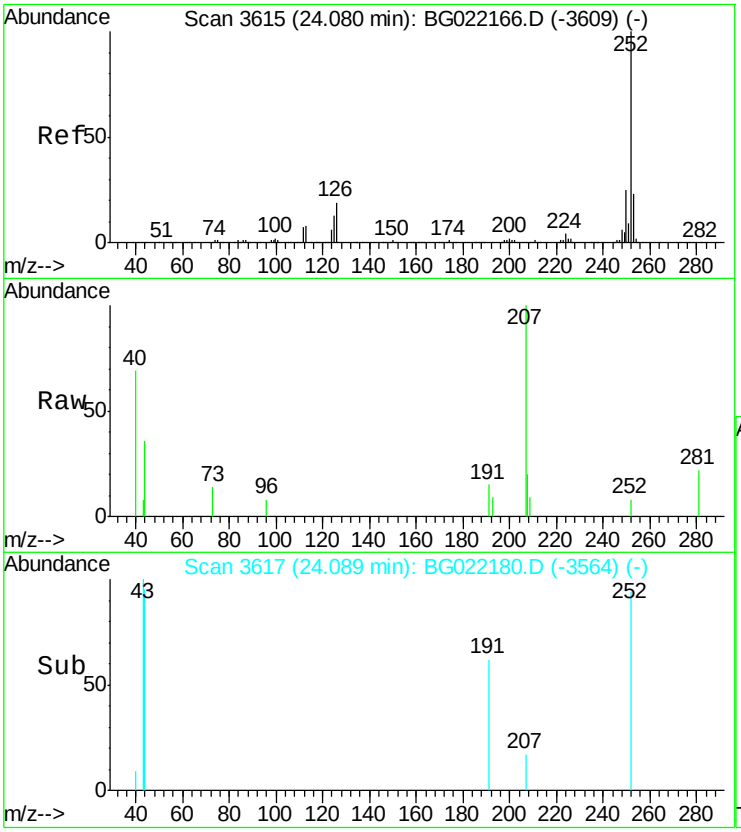


#87
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 24.02 min Scan# 3605
Delta R.T. 0.01 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion:252 Resp: 93

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.5	26.3#
125	0.0	8.6	13.0#



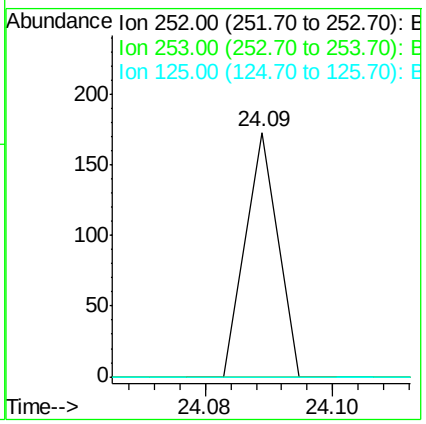


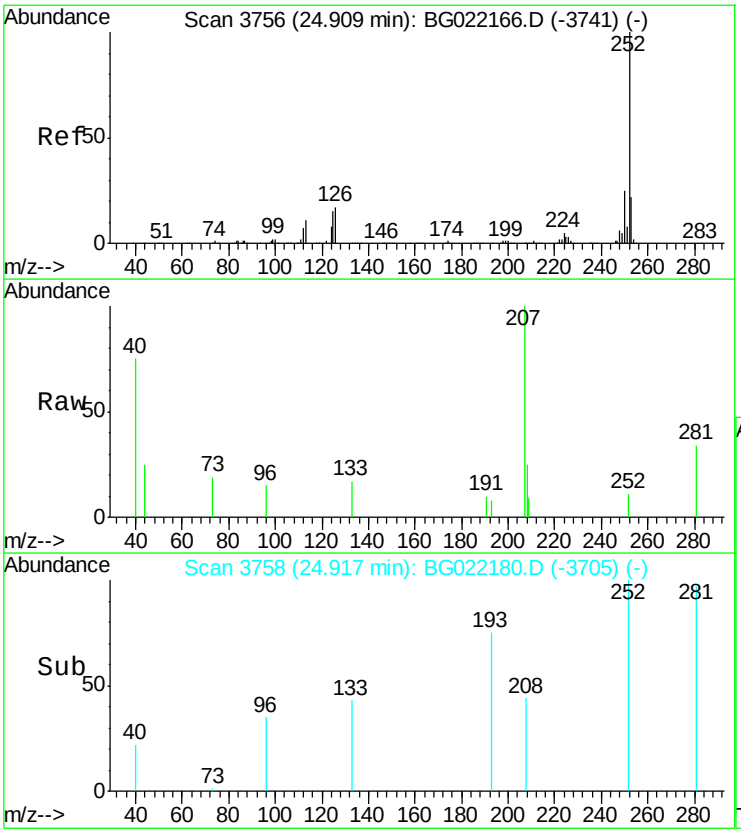
#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 24.09 min Scan# 3617
Delta R.T. 0.01 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:252 Resp: 61

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.8#
125	0.0	8.3	12.5#

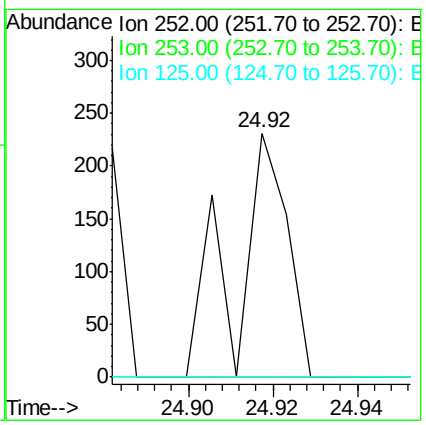


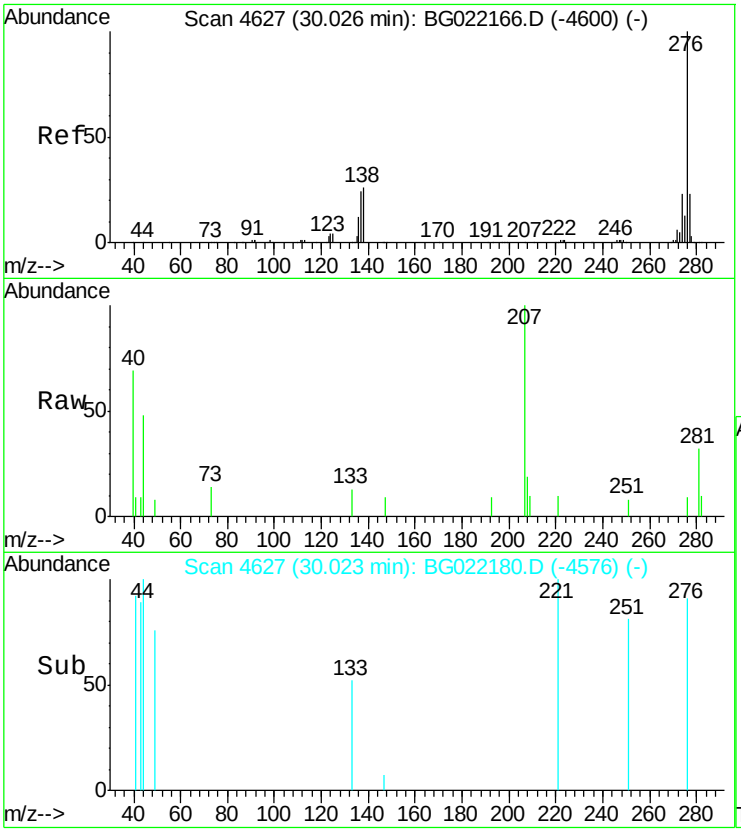


#89
Benzo(a)pyrene
Concen: 0.02 ng
RT: 24.92 min Scan# 3758
Delta R.T. 0.01 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Tgt Ion:252 Resp: 197

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.1	25.7#
125	0.0	9.6	14.4#





#91
Benzo(g,h,i)perylene
Concen: 0.01 ng
RT: 30.02 min Scan# 4627
Delta R.T. -0.00 min
Lab File: BG022180.D
Acq: 6 Jun 2016 22:27

Instrument :
BNA_G
ClientSampleId :
B2-14-15

Tgt Ion:276 Resp: 65

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.4	29.2#
138	0.0	17.4	26.0#