Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021126.D
Acq On : 27 Feb 2016 22:18
Operator : UM/SJ
Sample : H1576-02
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-28

Quant Time: Feb 29 02:45:54 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	6695	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	32115	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	20553	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	53797	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	58789	20.00	ng	-0.02
86) Perylene-d12	25.05	264	55266	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	16358	42.78	ng	-0.01
7) Phenol-d6	7.31	99	14895	26.17	ng	-0.02
23) Nitrobenzene-d5	9.33	82	69242	102.73	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	22757	84.45	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	142527	88.74	ng	-0.01
78) Terphenyl-d14	20.10	244	230267	91.54	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.33	94	2136	3.66	ng	# 66
32) Benzoic acid	10.18	122	2152	4.51	ng	87
49) Dimethylphthalate	14.21	163	5015	2.83	ng	# 94

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

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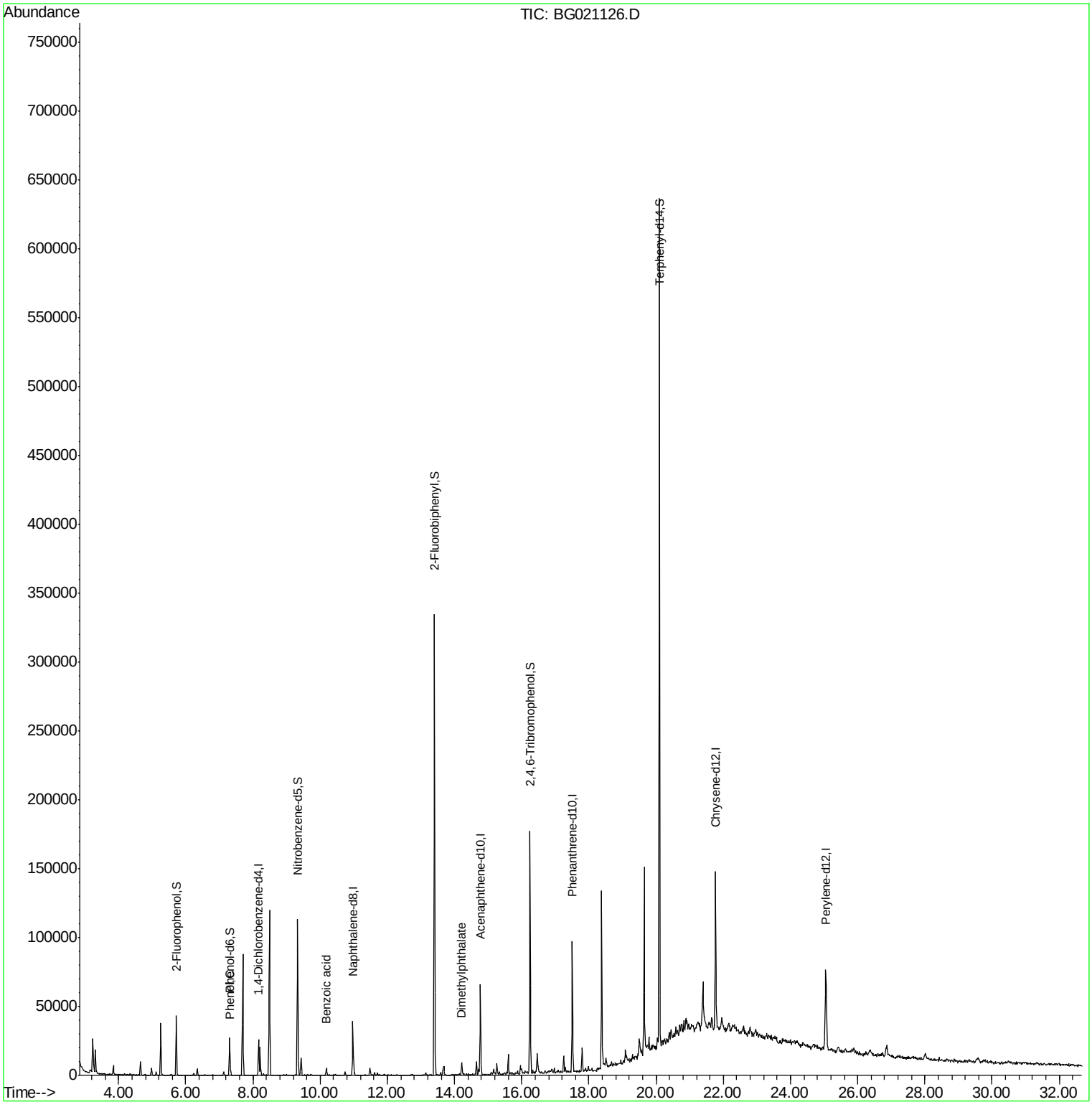
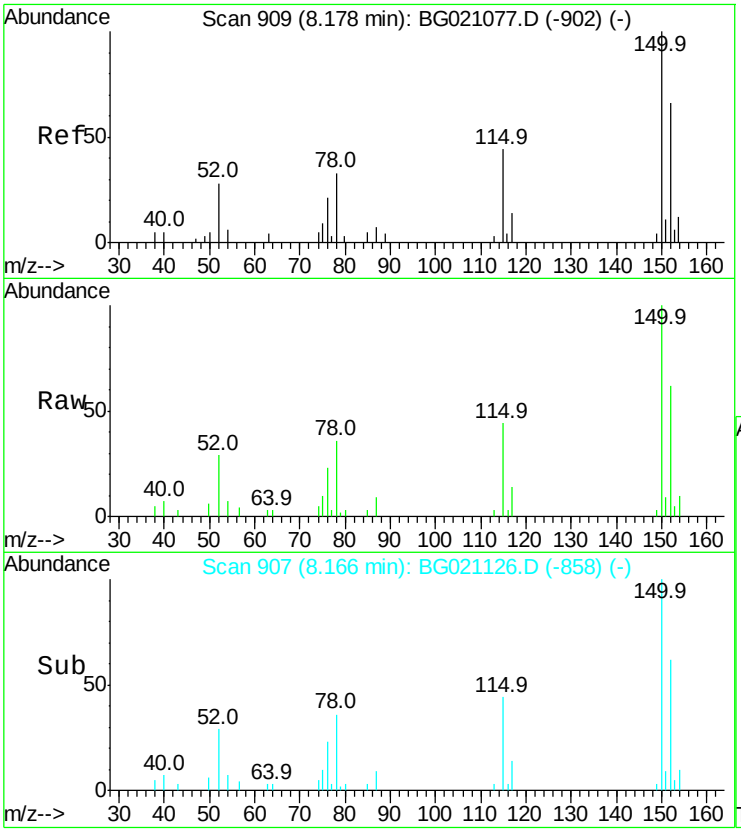


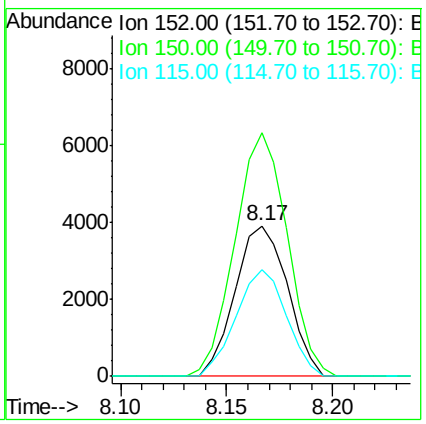


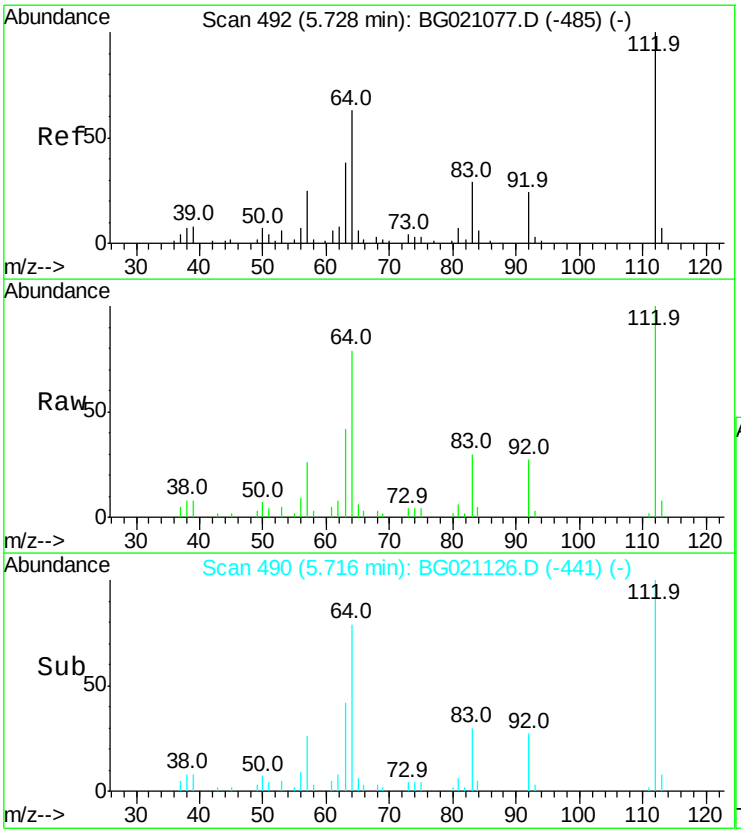
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Instrument :
BNA_G
ClientSampleId :
TEC-28

Tgt Ion:152 Resp: 6695

Ion	Ratio	Lower	Upper
152	100		
150	161.6	123.4	185.2
115	71.0	43.3	64.9#

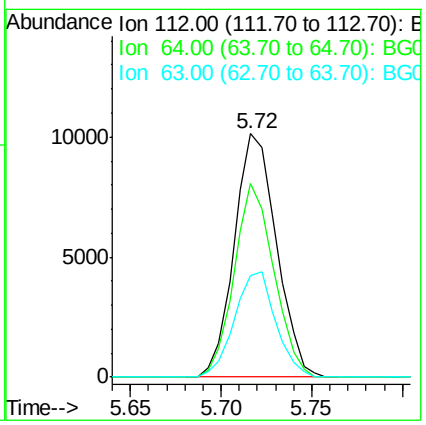


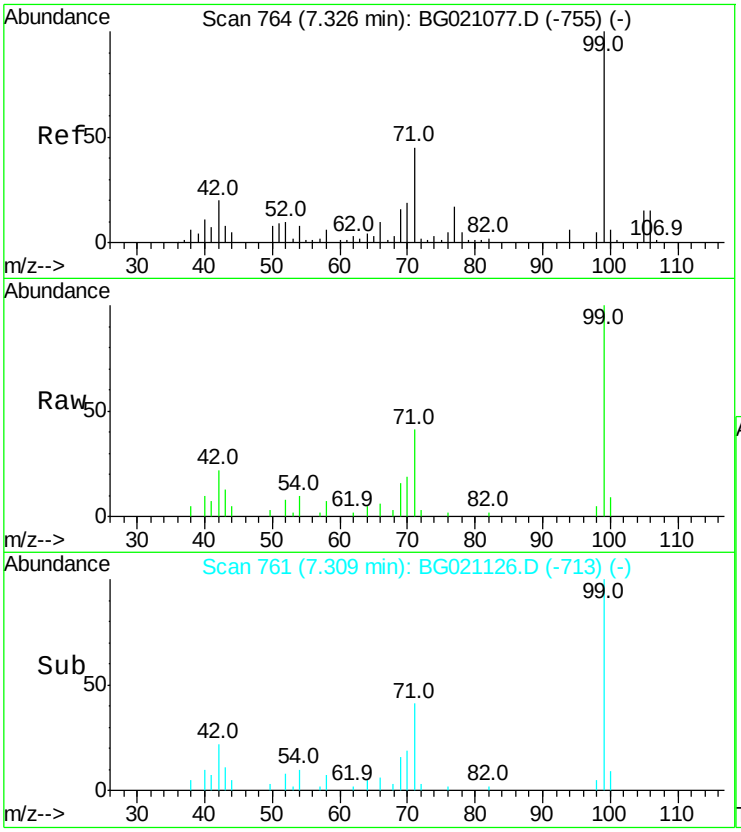


#5
2-Fluorophenol
Concen: 42.78 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Tgt Ion:112 Resp: 16358

Ion	Ratio	Lower	Upper
112	100		
64	79.5	42.6	63.8#
63	41.6	21.7	32.5#



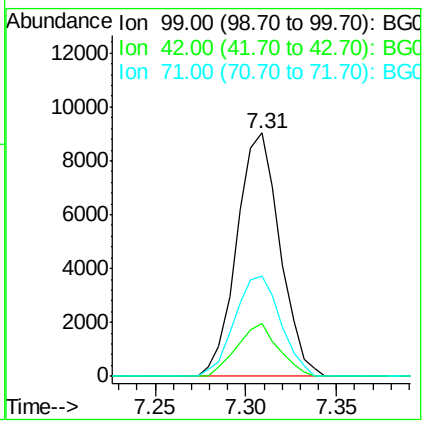


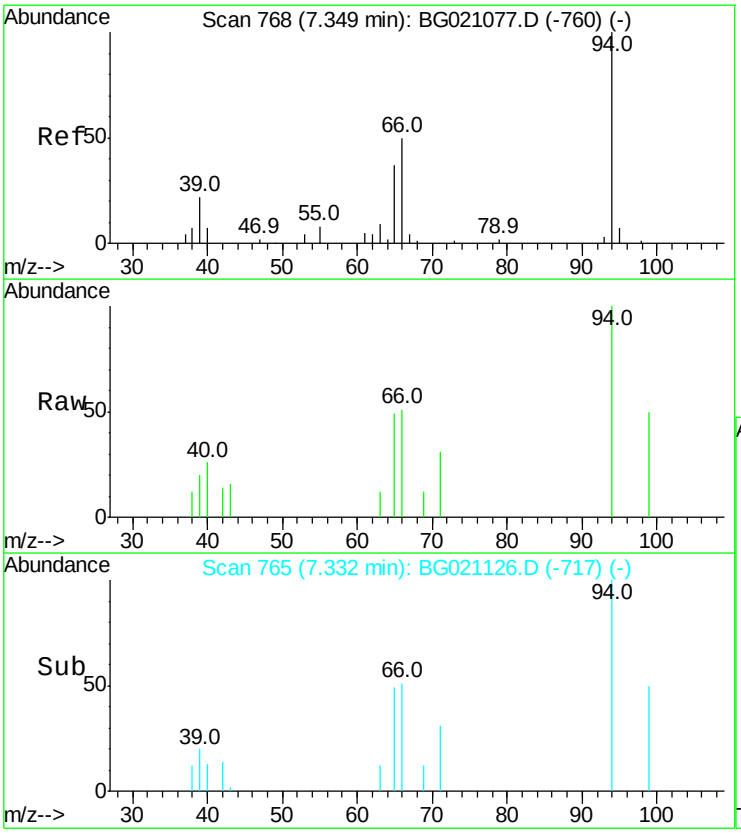
#7
Phenol-d6
Concen: 26.17 ng
RT: 7.31 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Instrument :
BNA_G
ClientSampleId :
TEC-28

Tgt Ion: 99 Resp: 14895

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.2	19.8#
71	41.0	25.2	37.8#

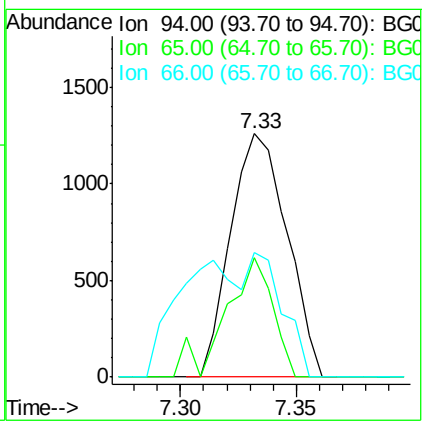


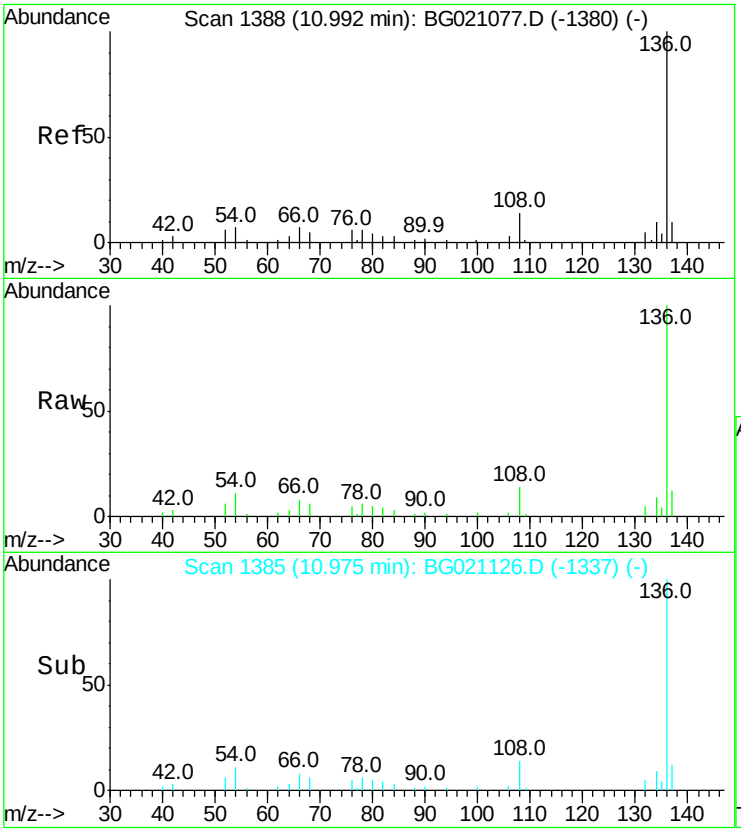


#10
Phenol
Concen: 3.66 ng
RT: 7.33 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Tgt Ion: 94 Resp: 2136

Ion	Ratio	Lower	Upper
94	100		
65	49.2	7.2	47.2#
66	51.2	15.4	55.4



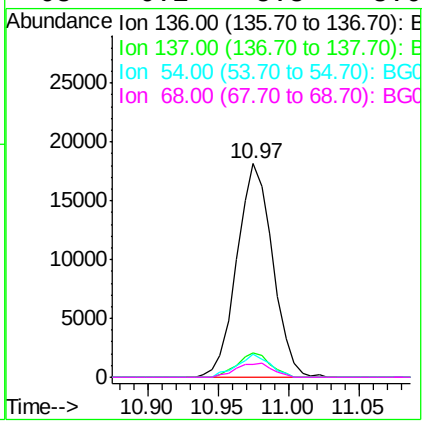


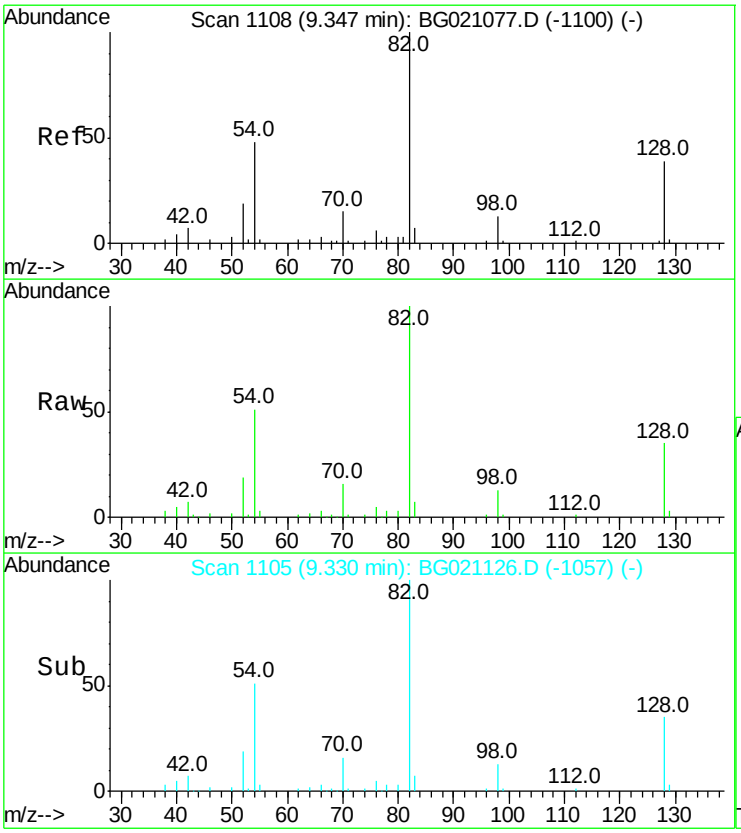
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Instrument :
BNA_G
ClientSampleId :
TEC-28

Tgt Ion:136 Resp: 32115

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	10.7	6.9	10.3#
68	6.1	5.8	8.6

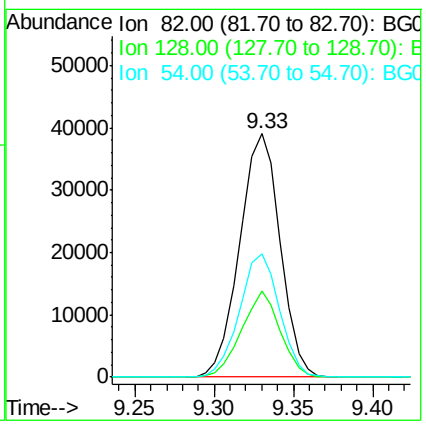


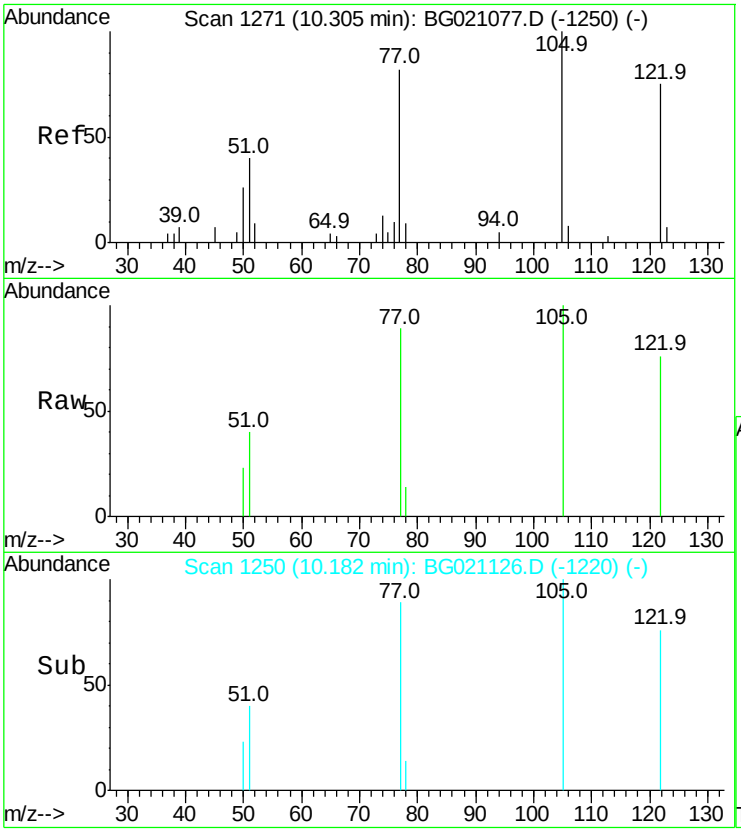


#23
Nitrobenzene-d5
Concen: 102.73 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Tgt Ion: 82 Resp: 69242

Ion	Ratio	Lower	Upper
82	100		
128	35.2	36.3	54.5#
54	50.8	37.6	56.4



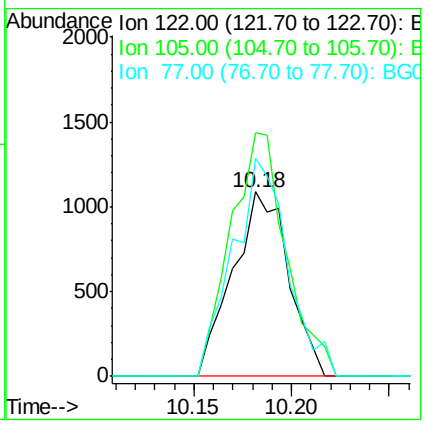


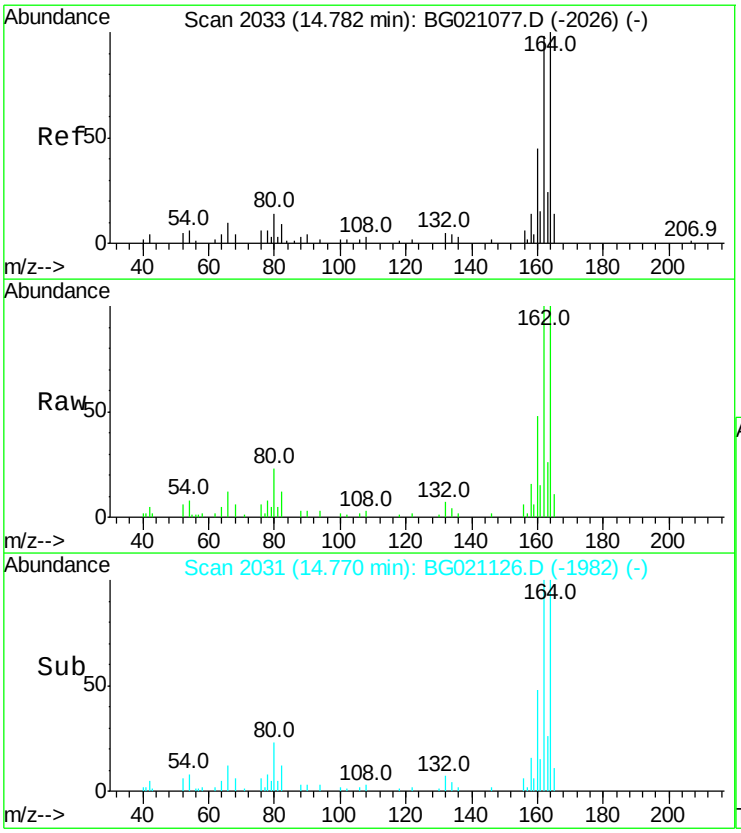
#32
Benzoic acid
Concen: 4.51 ng
RT: 10.18 min Scan# 1250
Delta R.T. -0.12 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Instrument :
BNA_G
ClientSampleId :
TEC-28

Tgt Ion:122 Resp: 2152

Ion	Ratio	Lower	Upper
122	100		
105	132.1	98.7	138.7
77	118.1	84.5	124.5

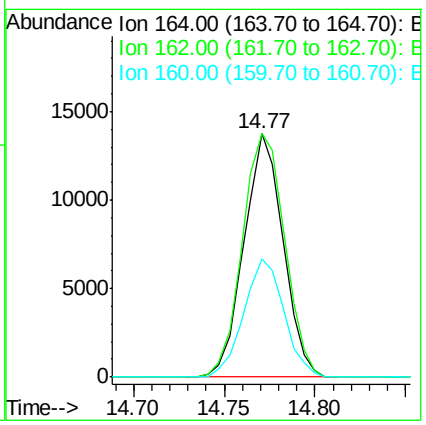


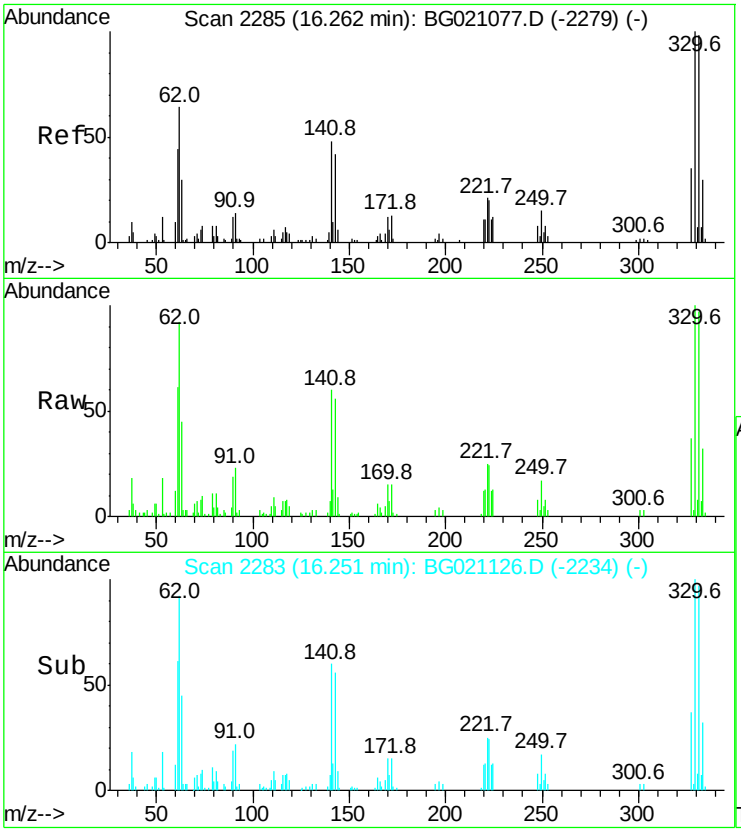


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Tgt Ion:164 Resp: 20553

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	120.8
160	48.5	36.5	54.7



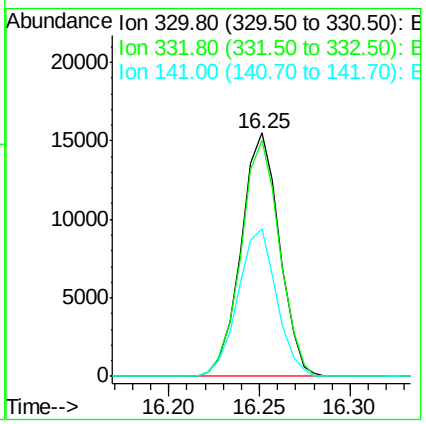


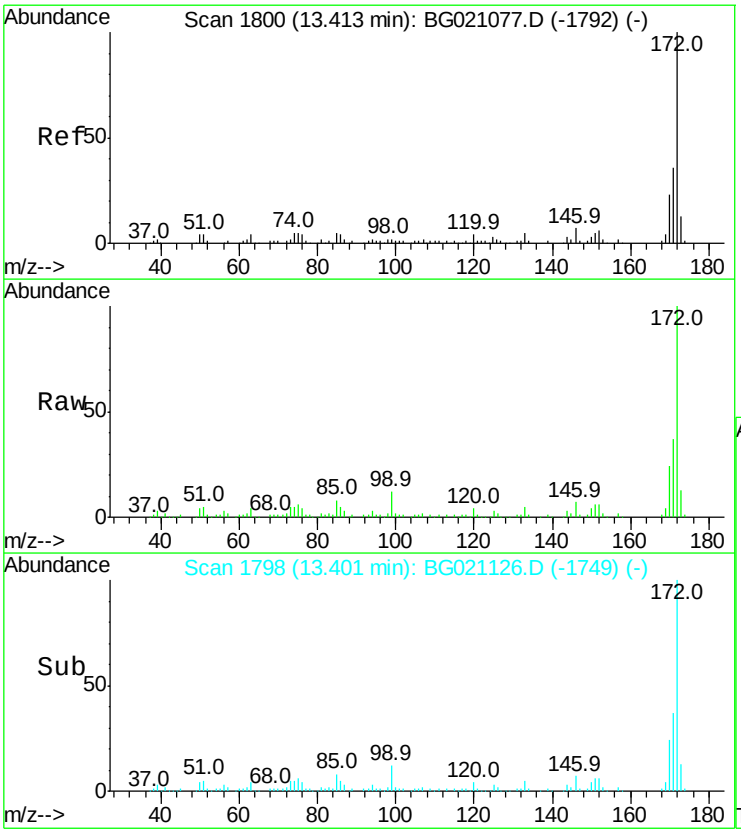
#41
2,4,6-Tribromophenol
Concen: 84.45 ng
RT: 16.25 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Instrument :
BNA_G
ClientSampleId :
TEC-28

Tgt Ion:330 Resp: 22757

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	60.9	35.3	52.9#

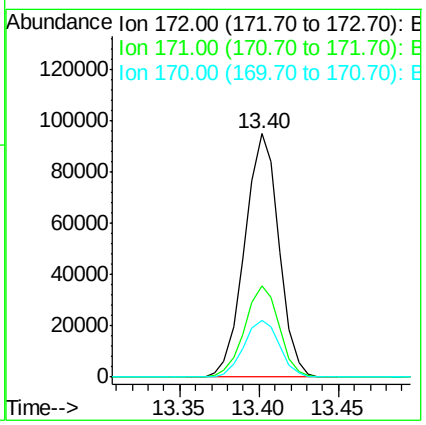


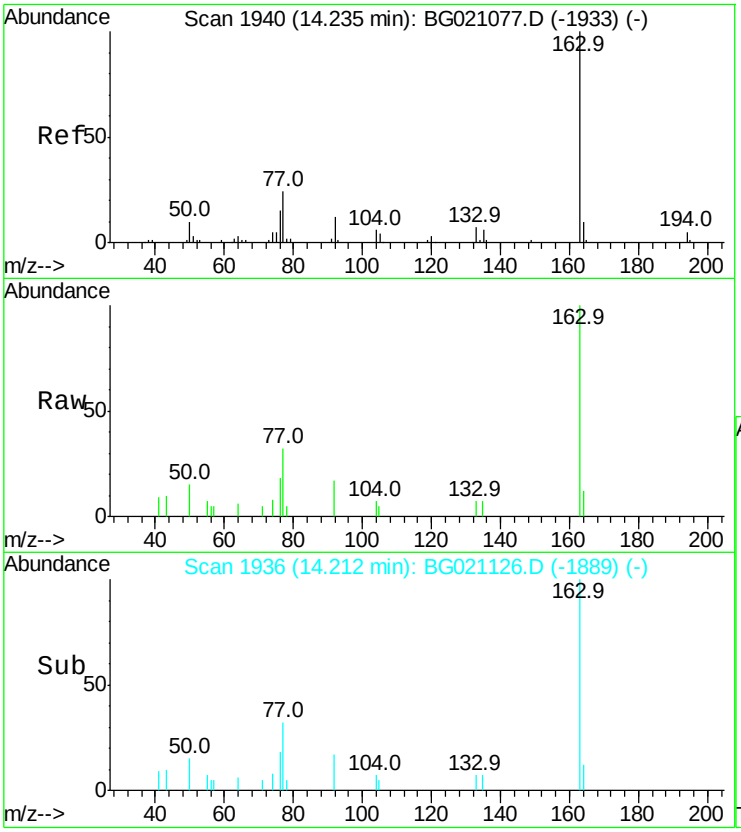


#44
2-Fluorobiphenyl
Concen: 88.74 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Tgt Ion:172 Resp: 142527

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	23.5	19.8	29.8



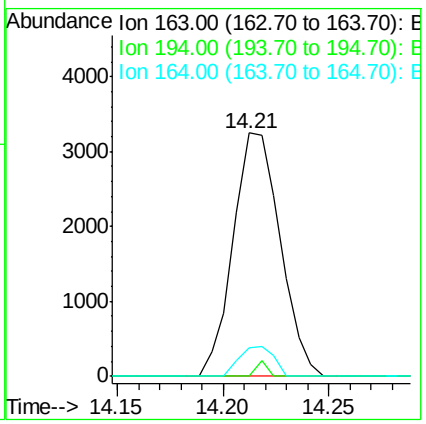


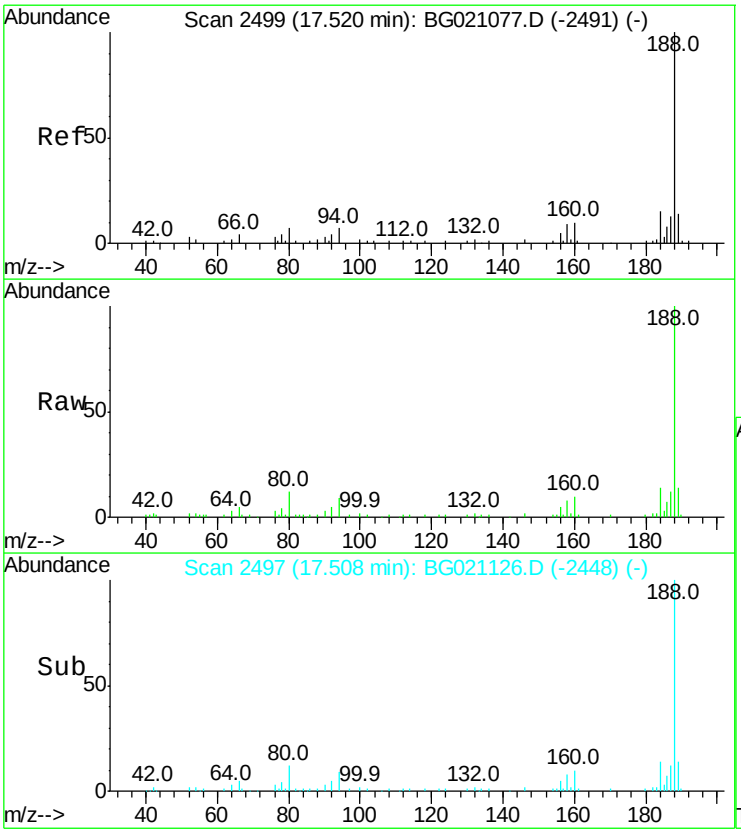
#49
Dimethylphthalate
Concen: 2.83 ng
RT: 14.21 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Instrument :
BNA_G
ClientSampleId :
TEC-28

Tgt Ion:163 Resp: 5015

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.8	4.2#
164	11.8	7.9	11.9

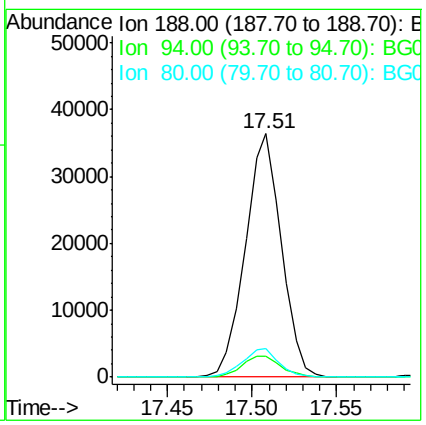


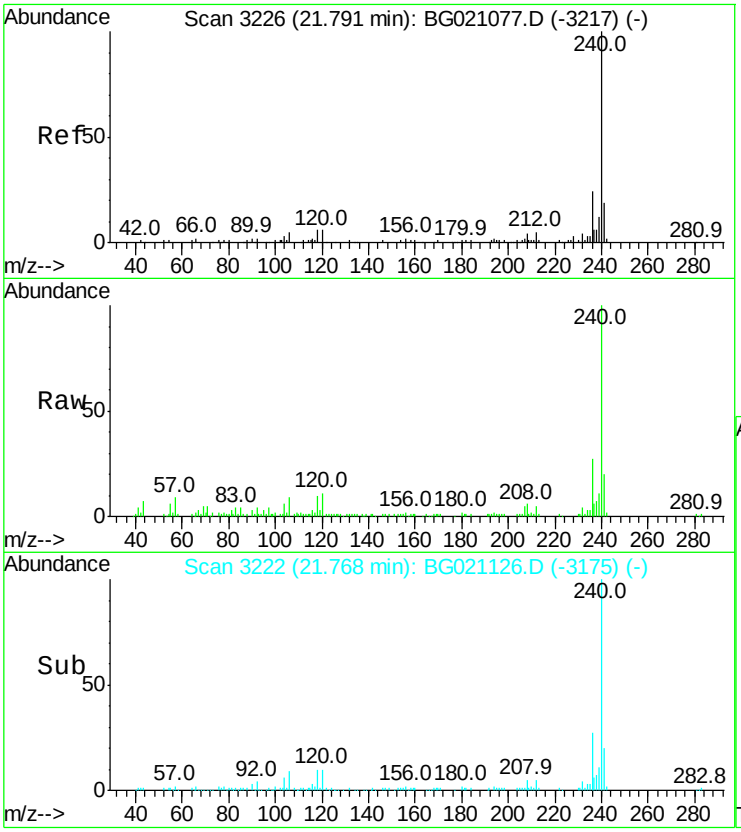


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. -0.01 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Tgt Ion:188 Resp: 53797

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.4
80	11.9	9.2	13.8



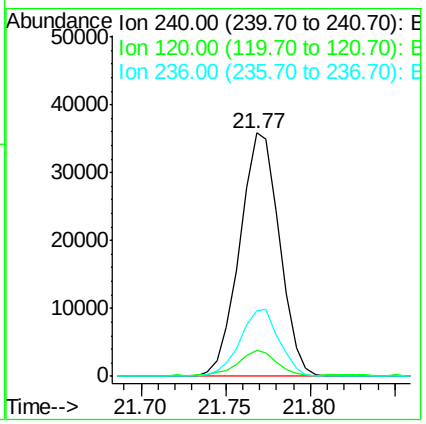


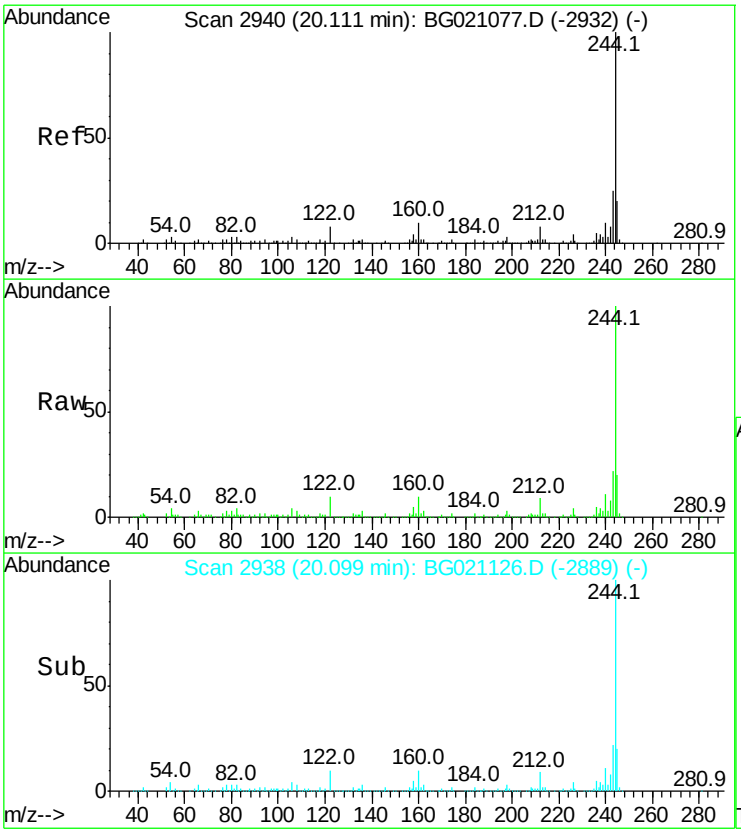
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Instrument :
BNA_G
ClientSampleId :
TEC-28

Tgt Ion:240 Resp: 58789

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.5	11.3
236	27.0	20.5	30.7

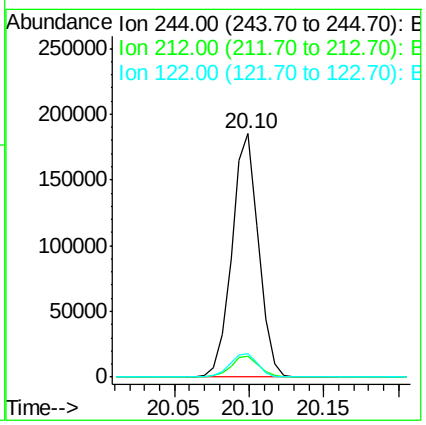


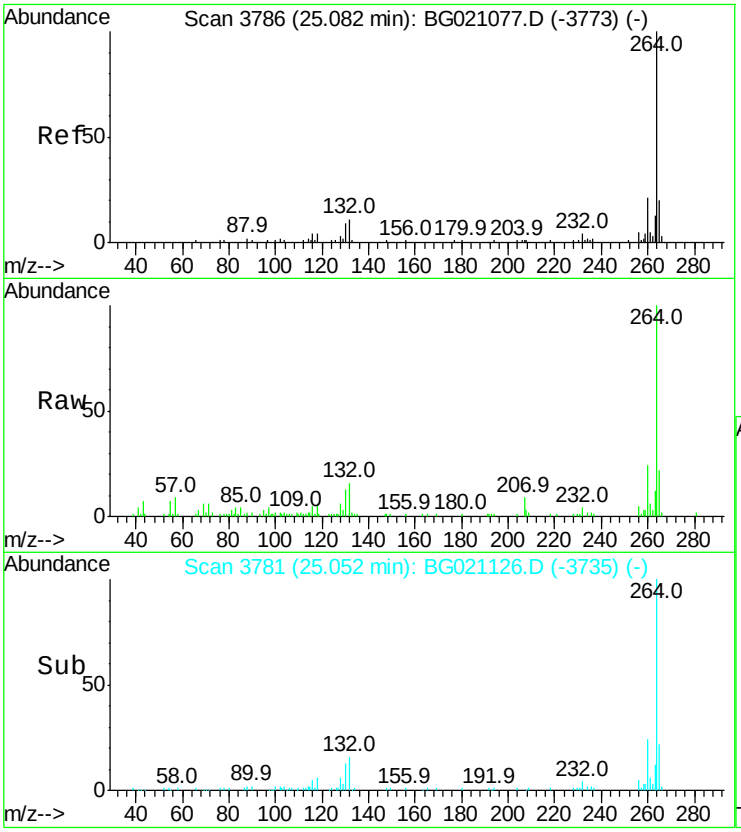


#78
Terphenyl-d14
Concen: 91.54 ng
RT: 20.10 min Scan# 2938
Delta R.T. -0.01 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Tgt Ion:244 Resp: 230267

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.6#
122	9.8	8.3	12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3781
Delta R.T. -0.03 min
Lab File: BG021126.D
Acq: 27 Feb 2016 22:18

Instrument :
BNA_G
ClientSampleId :
TEC-28

Tgt Ion:264 Resp: 55266

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.5	27.7
265	22.1	18.6	28.0